

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114938.D
 Acq On : 11 Jun 2019 11:32
 Operator : HP/JU
 Sample : PB120177BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

Manual Integrations
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mohammad
 6/12/2019 9:03:30 AM

Quant Time: Jun 11 13:16:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	207014	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	818091	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	407312	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	833885	20.00	ng	0.00
76) Chrysene-d12	13.79	240	553143	20.00	ng	0.00
87) Perylene-d12	15.16	264	664330	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1442482	117.93	ng	0.00
7) Phenol-d6	6.30	99	1744639	118.25	ng	0.00
23) Nitrobenzene-d5	7.22	82	1087418	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	534968	120.74	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2160972	84.20	ng	0.00
79) Terphenyl-d14	12.74	244	2539200	91.29	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.32	88	246436	42.457 ng	99
3) Pyridine	3.00	79	660916	40.905 ng	100
4) n-Nitrosodimethylamine	2.93	42	240058	41.364 ng	98
6) Aniline	6.32	93	542919	27.166 ng	# 40
8) 2-Chlorophenol	6.45	128	634368	45.442 ng	100
9) Benzaldehyde	6.20	77	144851	15.339 ng	97
10) Phenol	6.32	94	718135	43.651 ng	88
11) bis(2-Chloroethyl)ether	6.40	93	575489	43.891 ng	98
12) 1,3-Dichlorobenzene	6.60	146	696210	42.971 ng	99
13) 1,4-Dichlorobenzene	6.67	146	710256	43.716 ng	100
14) 1,2-Dichlorobenzene	6.83	146	660348	44.779 ng	98
15) Benzyl Alcohol	6.80	79	492012	46.215 ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	774110	42.928 ng	99
17) 2-Methylphenol	6.92	107	515648	44.114 ng	99
18) Hexachloroethane	7.17	117	249036	41.592 ng	98
19) n-Nitroso-di-n-propylamine	7.08	70	393333	42.633 ng	99
20) 3+4-Methylphenols	7.07	107	619781m	47.355 ng	
22) Acetophenone	7.07	105	844105	46.094 ng	97
24) Nitrobenzene	7.24	77	629205	45.426 ng	96
25) Isophorone	7.48	82	1151958	44.181 ng	98
26) 2-Nitrophenol	7.56	139	358361	46.570 ng	98
27) 2,4-Dimethylphenol	7.60	122	574920	51.056 ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	733169	43.957 ng	99
29) 2,4-Dichlorophenol	7.80	162	544236	46.152 ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	603358	44.583 ng	99
31) Naphthalene	7.96	128	1819037	48.256 ng	98
32) Benzoic acid	7.68	122	53536	6.365 ng	99
33) 4-Chloroaniline	8.01	127	437922	24.618 ng	98
34) Hexachlorobutadiene	8.09	225	321149	42.309 ng	98
35) Caprolactam	8.37	113	179148m	45.099 ng	
36) 4-Chloro-3-methylphenol	8.50	107	556836	46.491 ng	99
37) 2-Methylnaphthalene	8.65	142	1248598	48.743 ng	99
38) 1-Methylnaphthalene	8.75	142	1170212	48.302 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	531369	45.374 ng	99

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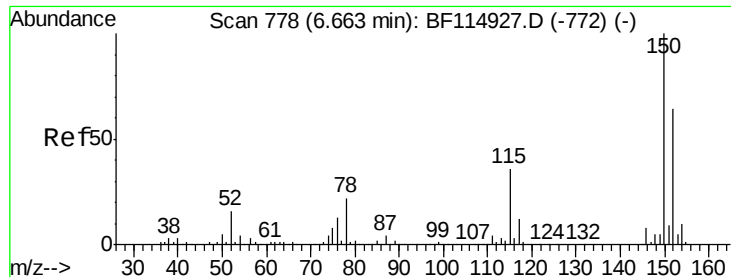
Manual Integrations
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 6/12/2019 9:03:30 AM

Quant Time: Jun 11 13:16:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	645861	97.024	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	396918	44.635	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	432398	47.158	ng	96
46) 1,1'-Biphenyl	9.12	154	1482538	48.652	ng	99
47) 2-Chloronaphthalene	9.13	162	1182788	45.980	ng	98
48) 2-Nitroaniline	9.23	65	337757	43.135	ng	91
49) Acenaphthylene	9.55	152	1856166	48.966	ng	98
50) Dimethylphthalate	9.42	163	1380355	45.090	ng	98
51) 2,6-Dinitrotoluene	9.47	165	324991	46.220	ng	94
52) Acenaphthene	9.72	154	1083834	47.194	ng	99
53) 3-Nitroaniline	9.64	138	260667	30.872	ng	95
54) 2,4-Dinitrophenol	9.75	184	165253	47.485	ng	94
55) Dibenzofuran	9.89	168	1612786	49.196	ng	97
56) 4-Nitrophenol	9.81	139	551457	91.641	ng	93
57) 2,4-Dinitrotoluene	9.87	165	435574	49.008	ng	96
58) Fluorene	10.23	166	1174440	46.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	347708	46.909	ng	100
60) Diethylphthalate	10.12	149	1376364	46.258	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	576013	45.531	ng	99
62) 4-Nitroaniline	10.25	138	364831	42.162	ng	100
63) Azobenzene	10.39	77	1227038	47.381	ng	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	147929	31.633	ng	94
66) n-Nitrosodiphenylamine	10.35	169	1130821	45.645	ng	99
67) 4-Bromophenyl-phenylether	10.71	248	389852	43.161	ng	98
68) Hexachlorobenzene	10.78	284	419317	42.039	ng	99
69) Atrazine	10.87	200	367994	44.083	ng	99
70) Pentachlorophenol	10.97	266	398704	71.283	ng	100
71) Phenanthrene	11.19	178	1896379	46.873	ng	98
72) Anthracene	11.24	178	1965695	47.869	ng	99
73) Carbazole	11.39	167	1767511	47.277	ng	99
74) Di-n-butylphthalate	11.73	149	2178821	47.155	ng	99
75) Fluoranthene	12.36	202	2009334	48.016	ng	99
77) Benzidine	12.49	184	926737	38.284	ng	99
78) Pyrene	12.59	202	2028296	42.104	ng	99
80) Butylbenzylphthalate	13.22	149	1032395	43.500	ng	95
81) Benzo(a)anthracene	13.77	228	1819649	44.490	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	479072	28.696	ng	98
83) Chrysene	13.81	228	1816369	44.225	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1311020	47.167	ng	100
85) Di-n-octyl phthalate	14.39	149	2323920	45.769	ng	99
86) Indeno(1,2,3-cd)pyrene	16.47	276	1879453	48.675	ng	100
88) Benzo(b)fluoranthene	14.78	252	1794987	41.503	ng	99
89) Benzo(k)fluoranthene	14.81	252	1761860	46.940	ng	99
90) Benzo(a)pyrene	15.11	252	1750523	46.599	ng	100
91) Dibenzo(a,h)anthracene	16.49	278	1543279	48.635	ng	99
92) Benzo(g,h,i)perylene	16.86	276	1607785	50.831	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

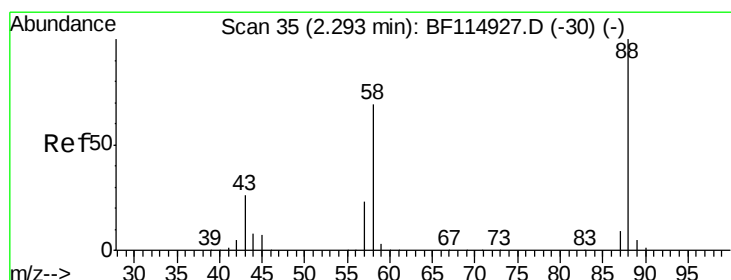
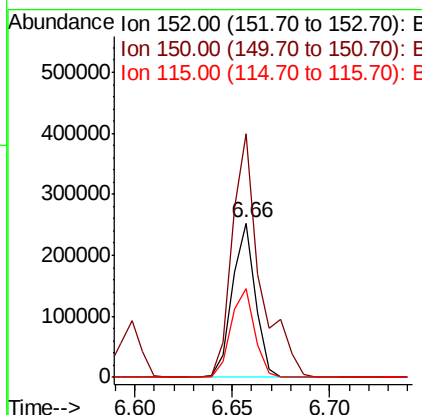
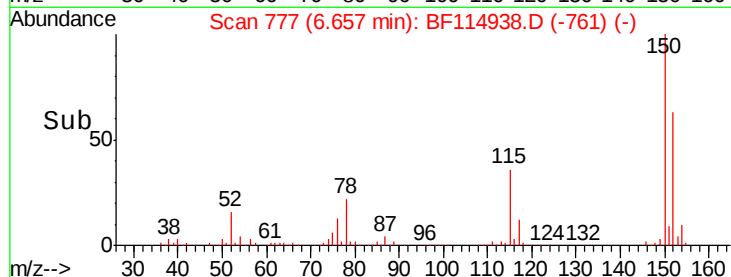
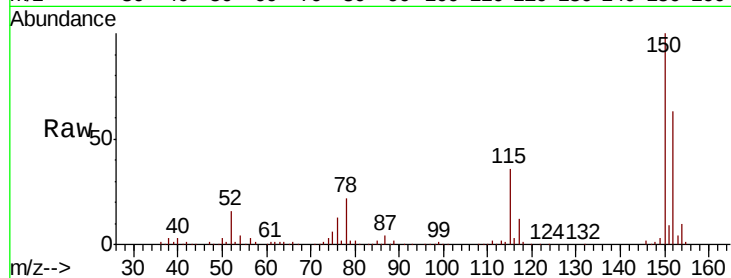
ClientSampleId :

PB120177BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.2	187.8
115	57.3	45.0	67.4

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#2

1,4-Dioxane

Concen: 42.457 ng

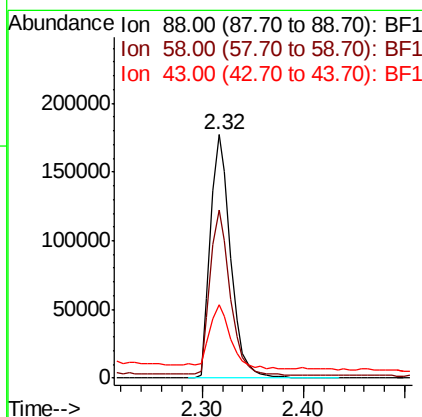
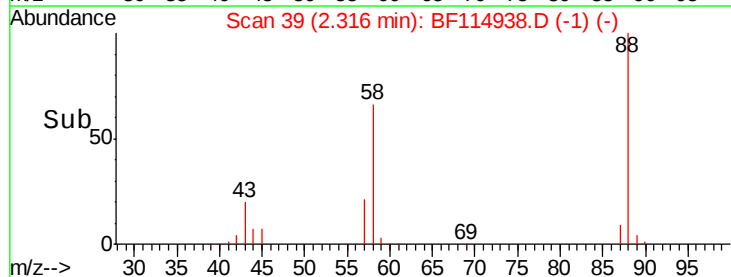
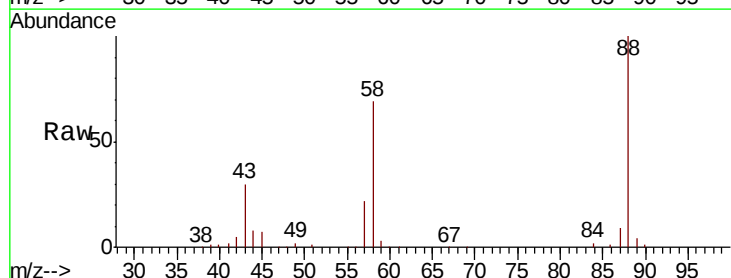
RT: 2.32 min Scan# 39

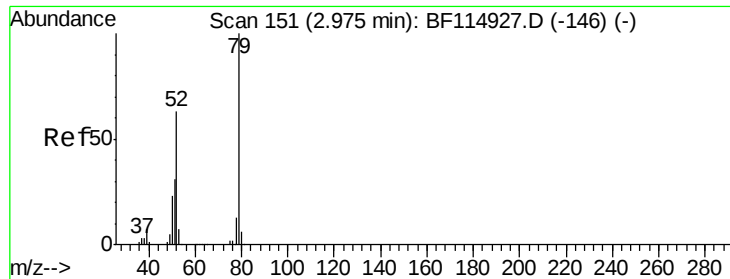
Delta R.T. 0.02 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	54.2	81.2
43	26.0	20.6	30.8





#3

Pyridine

Concen: 40.905 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.02 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

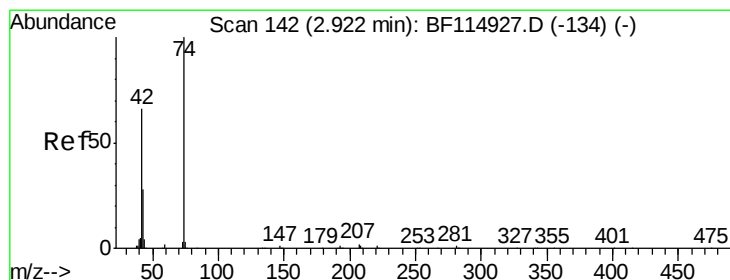
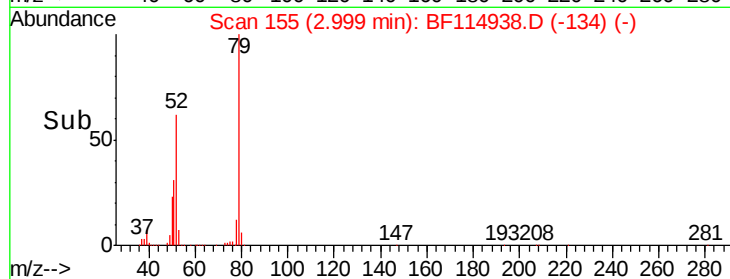
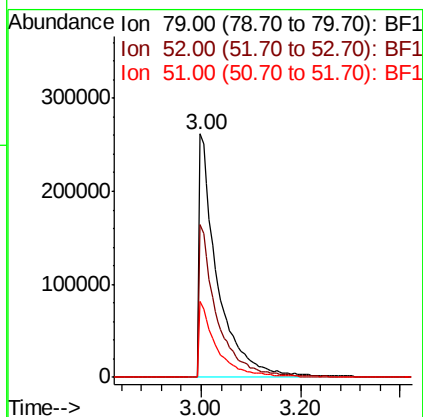
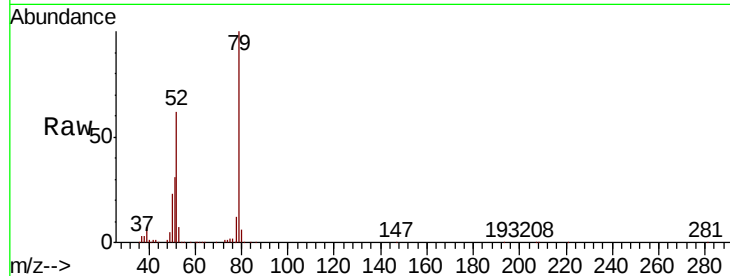
ClientSampleId :

PB120177BSD

Tgt Ion:	79	Resp:	660916
Ion	Ratio	Lower	Upper
79	100		
52	62.5	50.2	75.2
51	30.9	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 41.364 ng

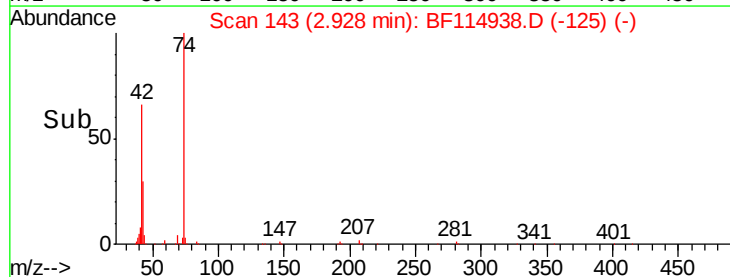
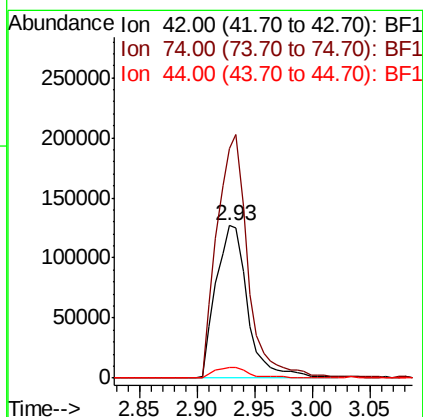
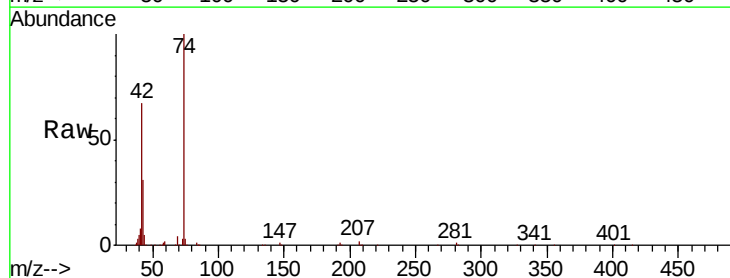
RT: 2.93 min Scan# 143

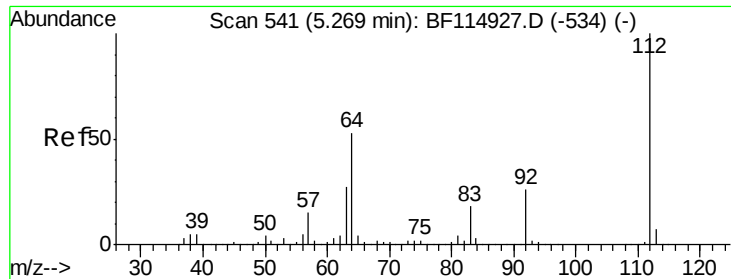
Delta R.T. 0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:	42	Resp:	240058
Ion	Ratio	Lower	Upper
42	100		
74	150.0	121.9	182.9
44	6.9	5.1	7.7





#5

2-Fluorophenol

Concen: 117.928 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

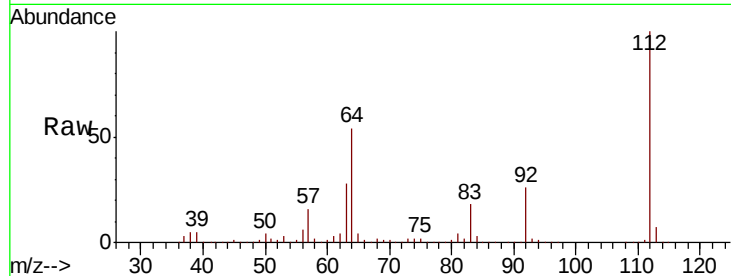
ClientSampled :

PB120177BSD

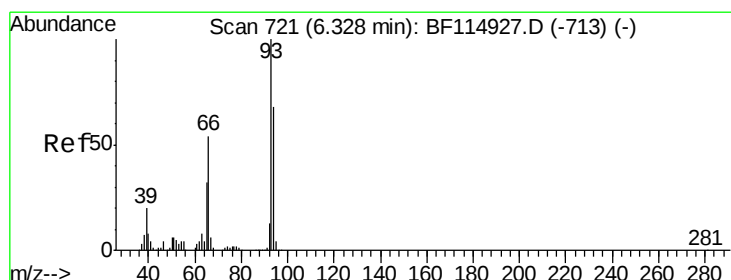
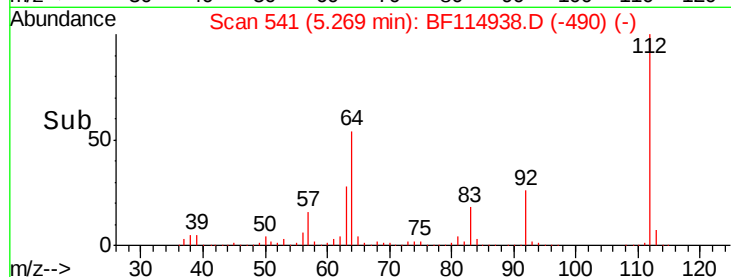
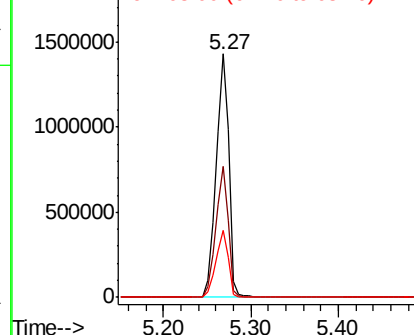
Tgt Ion:	112	Resp:	1442482
Ion Ratio	Lower	Upper	
112	100		
64	54.0	42.1	63.1
63	27.8	21.8	32.8

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.166 ng

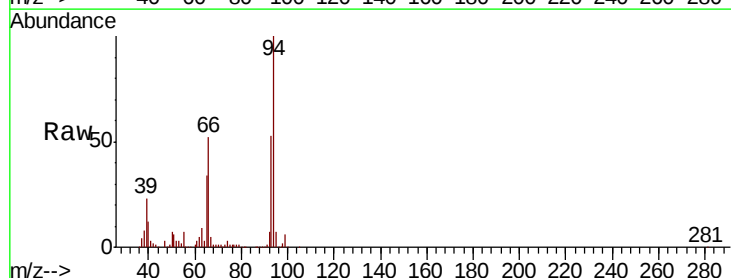
RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

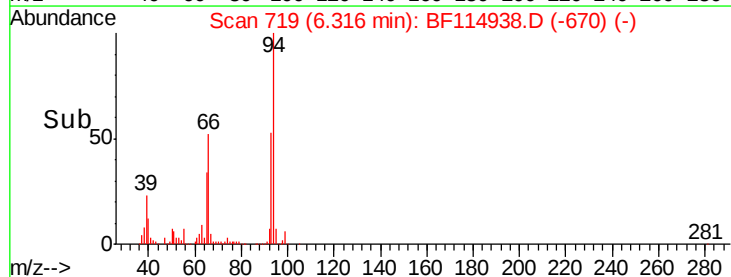
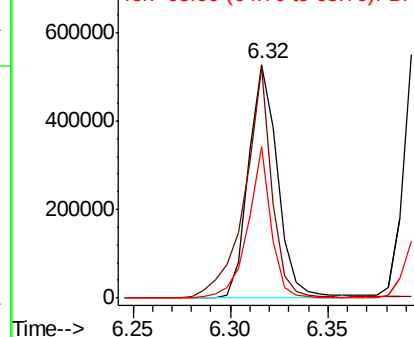
Lab File: BF114938.D

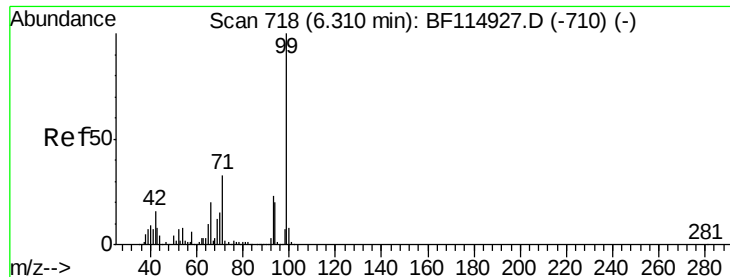
Acq: 11 Jun 2019 11:32

Tgt Ion:	93	Resp:	542919
Ion Ratio	Lower	Upper	
93	100		
66	98.6	43.6	65.4#
65	64.8	25.7	38.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.249 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

PB120177BSD

Tgt Ion: 99 Resp: 1744639

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

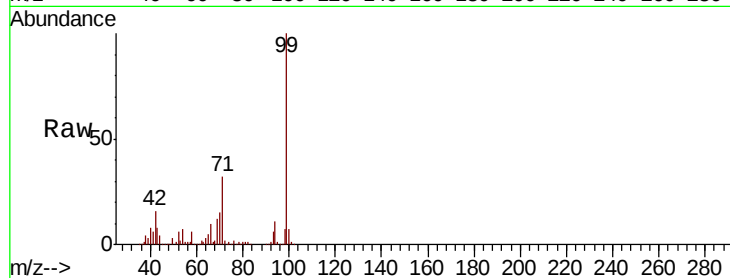
71 32.5 26.8 40.2

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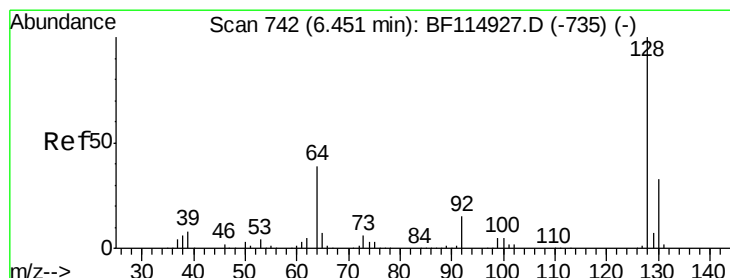
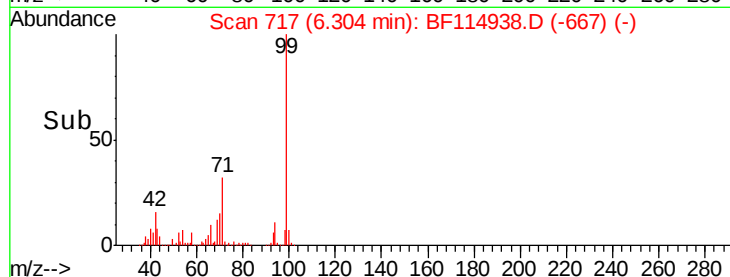
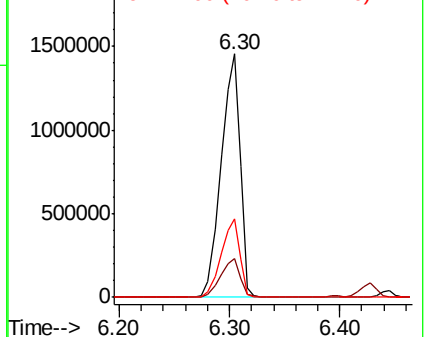
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.442 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

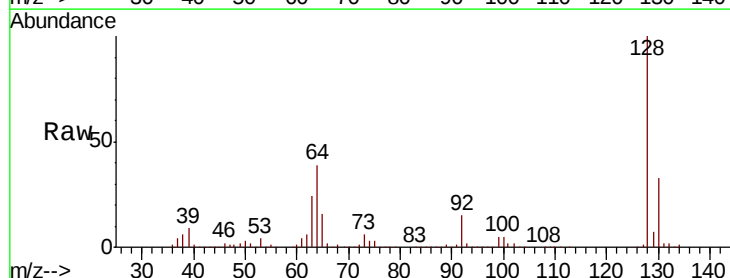
Tgt Ion: 128 Resp: 634368

Ion Ratio Lower Upper

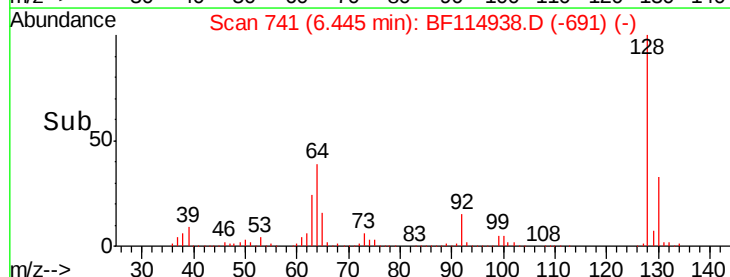
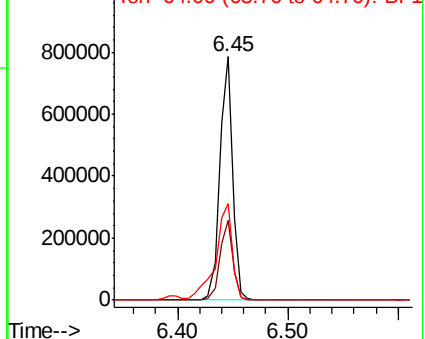
128 100

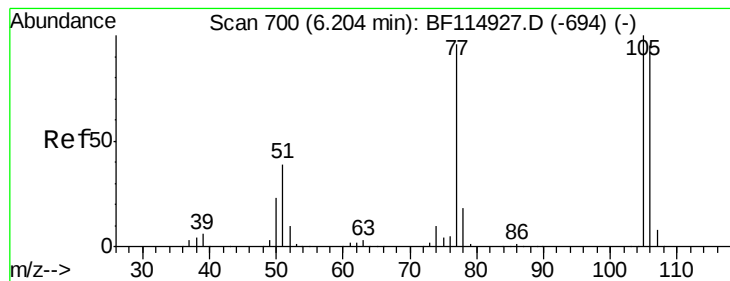
130 32.8 13.3 53.3

64 39.4 19.5 59.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.339 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

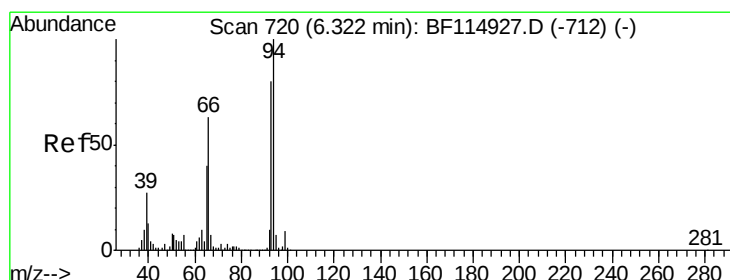
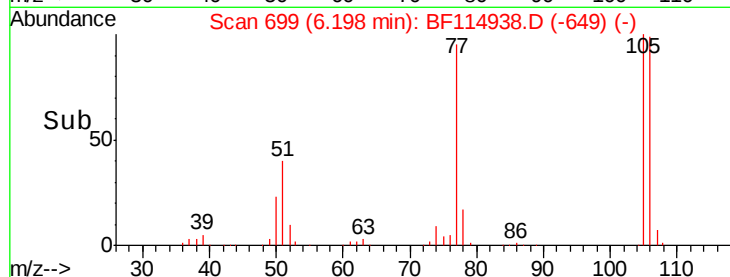
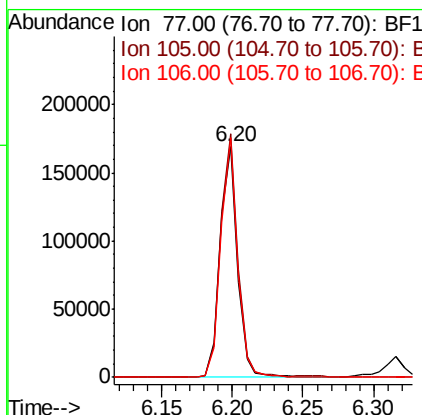
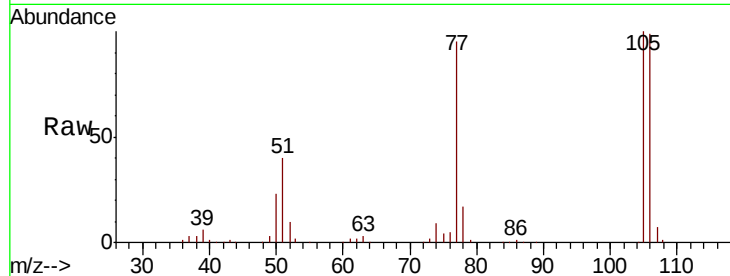
ClientSampleId :

PB120177BSD

Tgt Ion:	77	Resp:	144851
Ion Ratio	Lower	Upper	
77	100		
105	105.7	84.5	124.5
106	104.1	79.2	119.2

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#10

Phenol

Concen: 43.651 ng

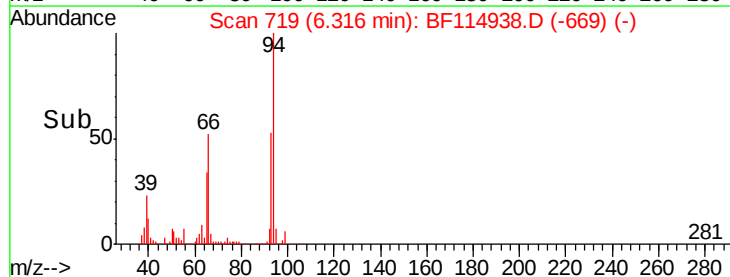
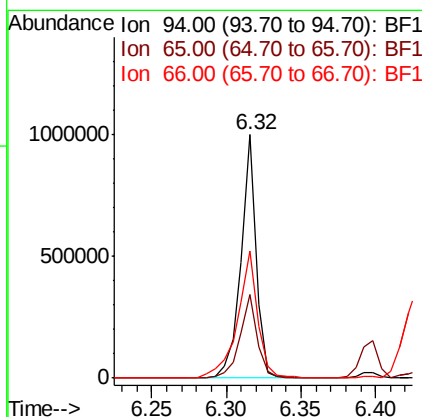
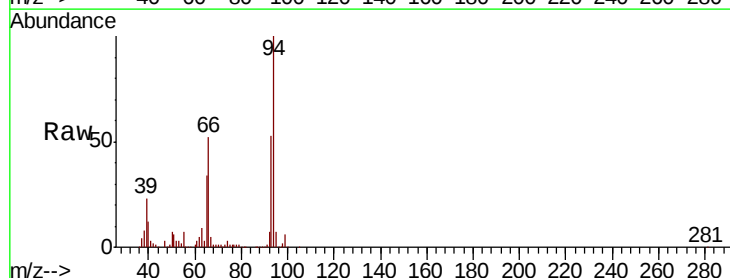
RT: 6.32 min Scan# 719

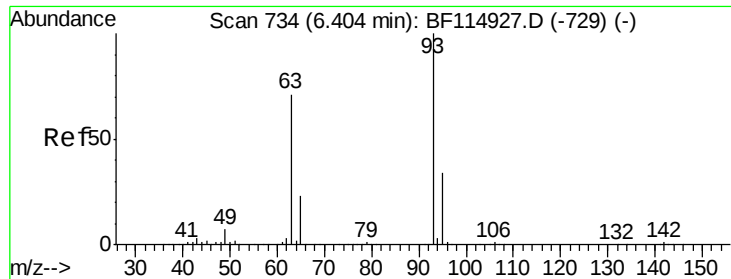
Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:	94	Resp:	718135
Ion Ratio	Lower	Upper	
94	100		
65	34.3	19.6	59.6
66	52.1	42.6	82.6





#11

bis(2-Chloroethyl)ether

Concen: 43.891 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

PB120177BSD

Tgt Ion: 93 Resp: 575489
Ion Ratio Lower Upper

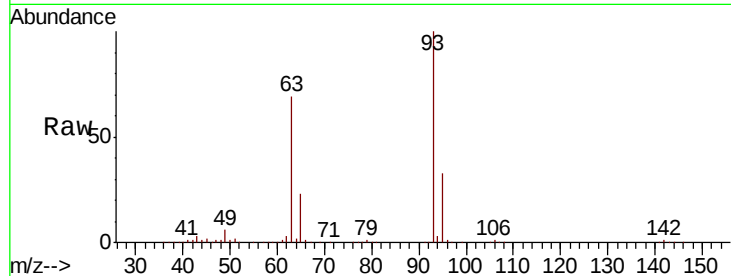
93 100

63 68.6 50.5 90.5

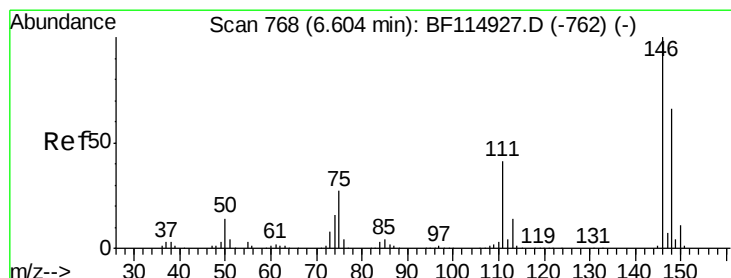
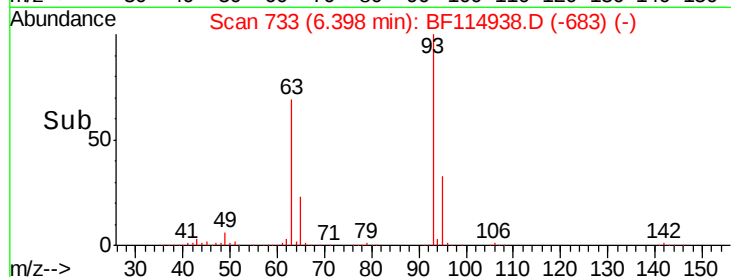
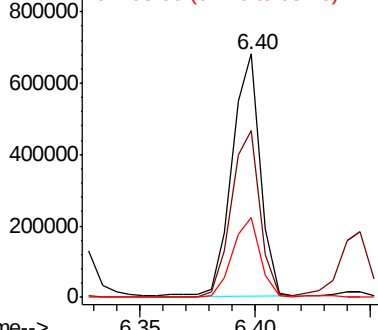
95 32.7 13.6 53.6

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.971 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF114938.D

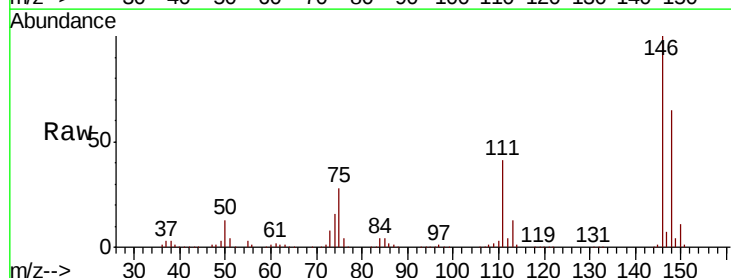
Acq: 11 Jun 2019 11:32

Tgt Ion: 146 Resp: 696210
Ion Ratio Lower Upper

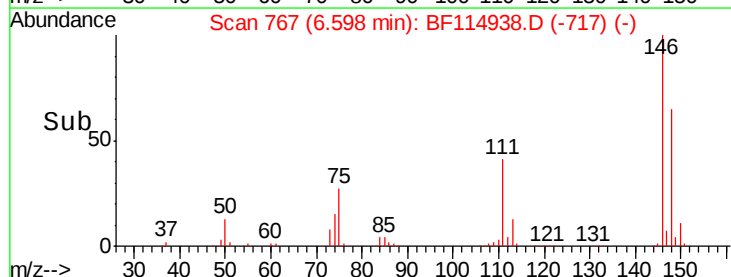
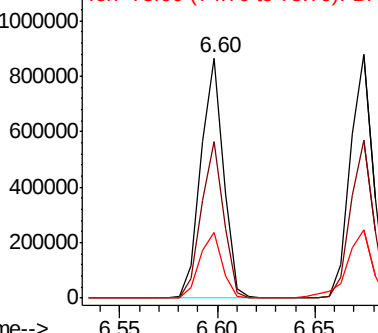
146 100

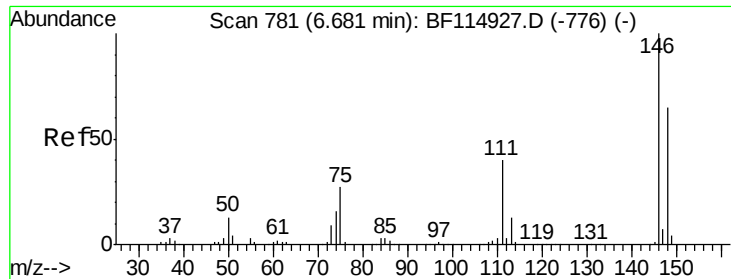
148 64.9 52.6 78.8

75 27.6 21.9 32.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





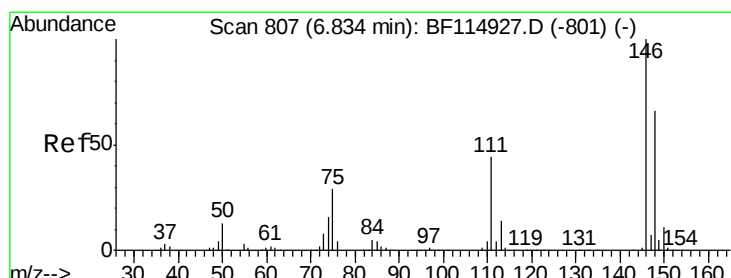
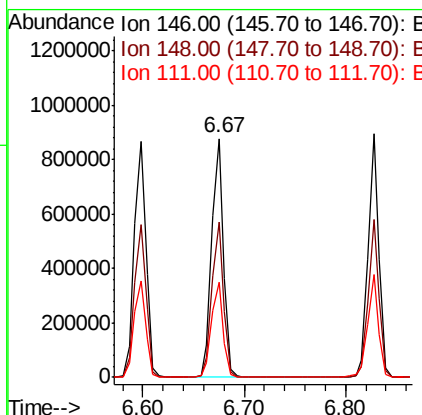
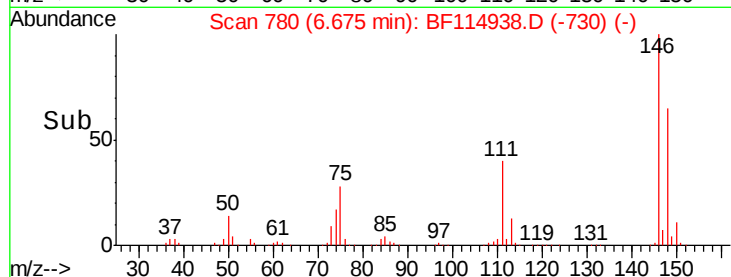
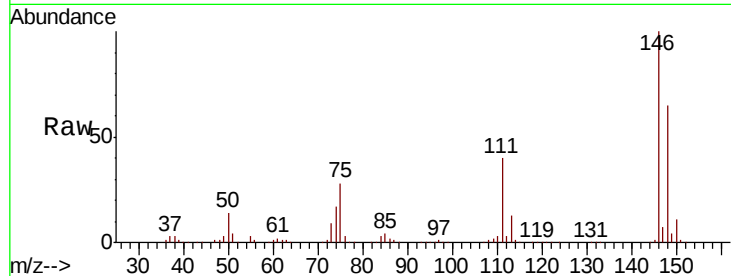
#13
 1,4-Dichlorobenzene
 Concen: 43.716 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	39.7	31.8	47.8

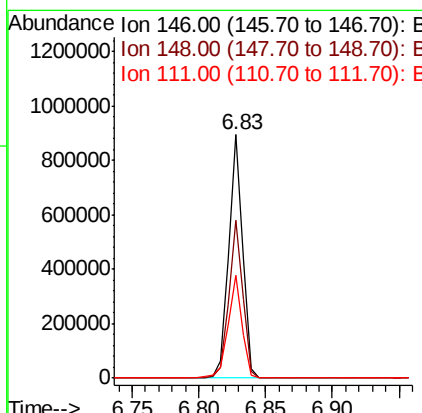
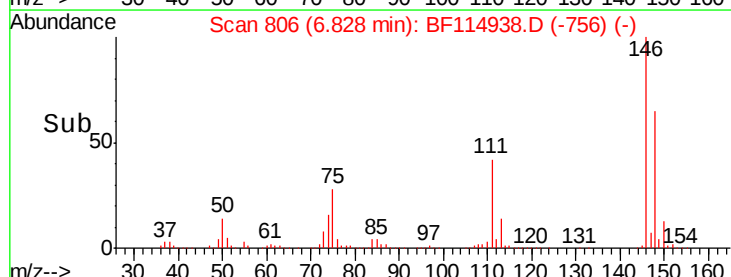
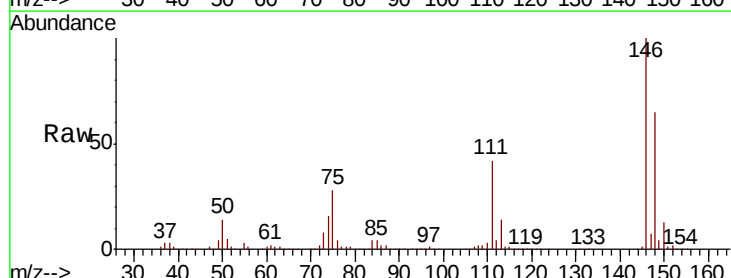
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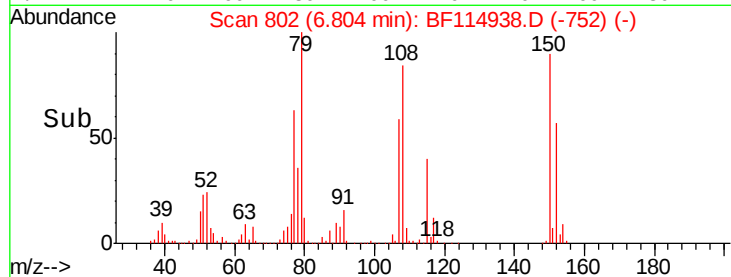
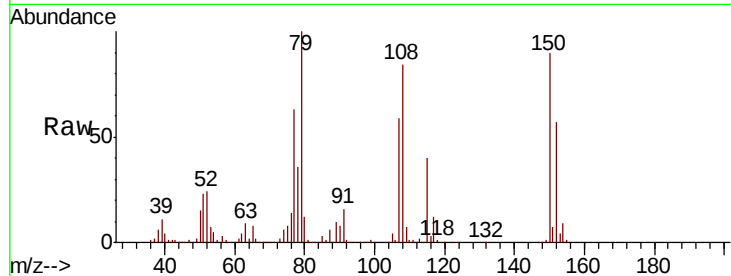
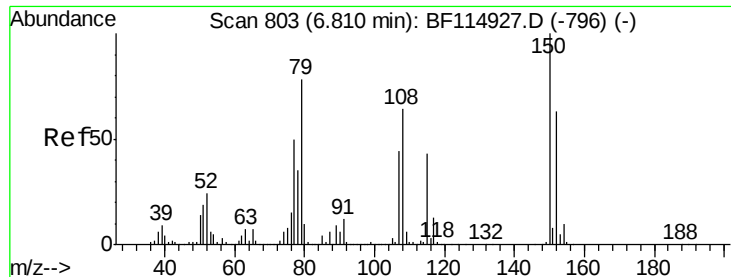
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#14
 1,2-Dichlorobenzene
 Concen: 44.779 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.7	79.1
111	42.0	35.4	53.2





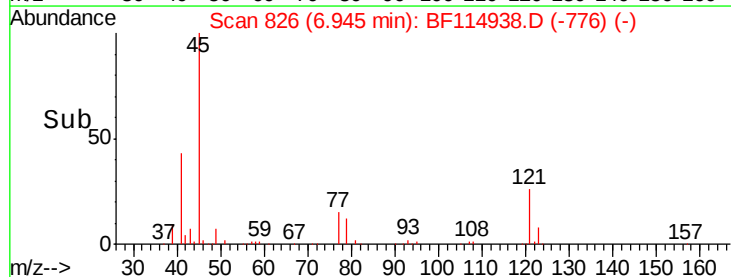
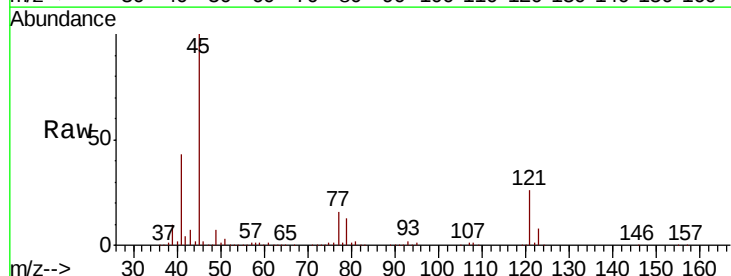
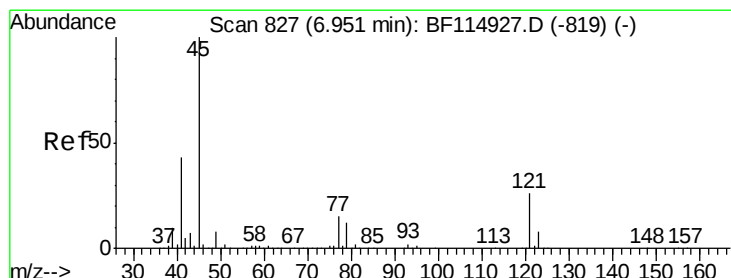
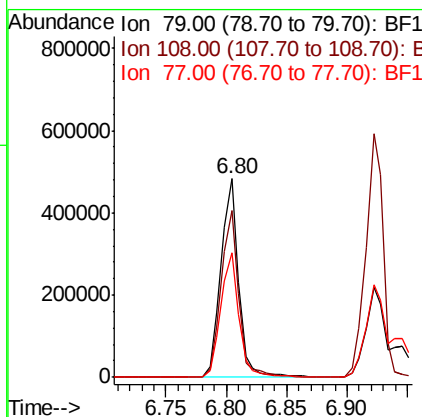
#15
Benzyl Alcohol
Concen: 46.215 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	492012		
108	84.2	65.5	98.3	
77	63.0	51.3	76.9	

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

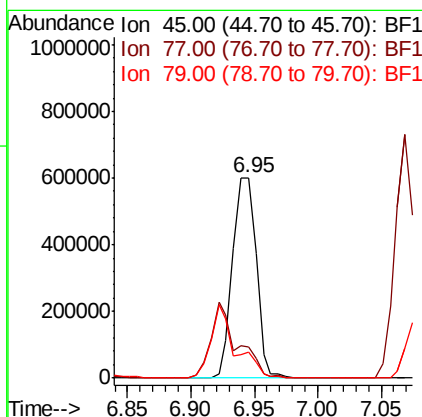
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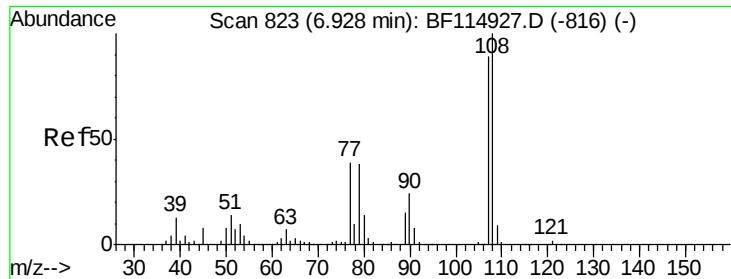
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.928 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	774110		
77	15.7	0.0	36.2	
79	12.8	0.0	32.7	





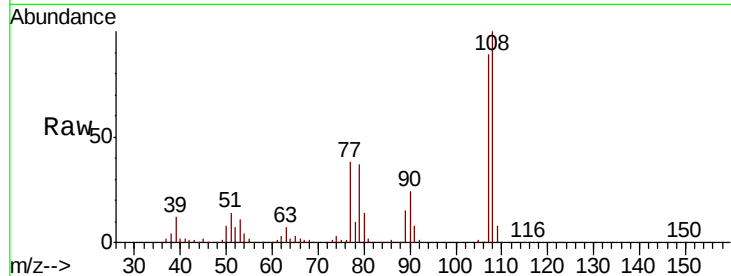
#17
2-Methylphenol
Concen: 44.114 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

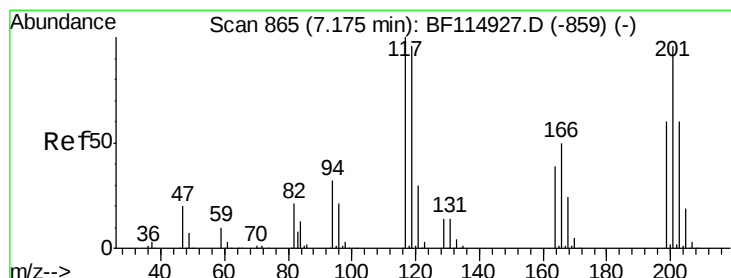
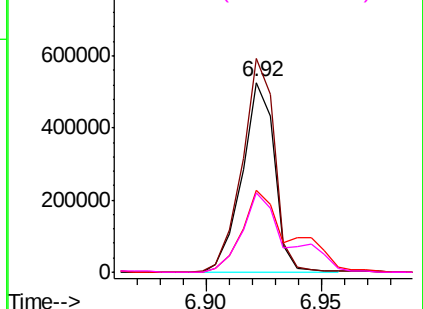
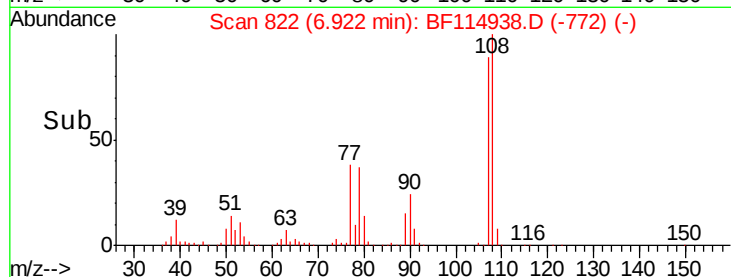
Tgt Ion:	107	Resp:	515648
Ion Ratio	Lower	Upper	
107	100		
108	112.4	90.2	135.2
77	42.9	35.4	53.0
79	41.8	34.6	52.0

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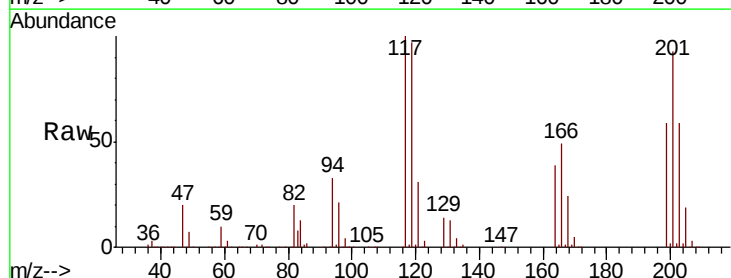


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

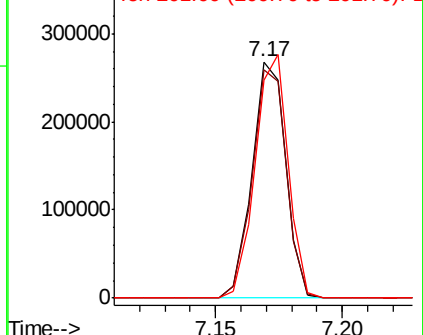
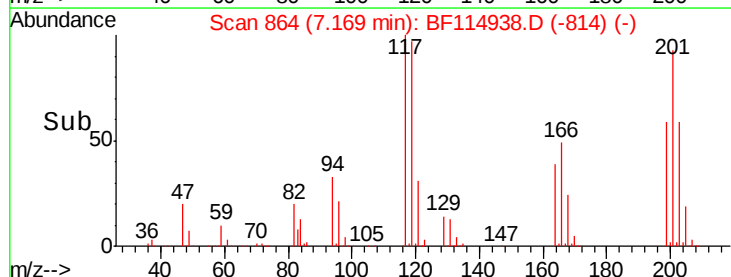


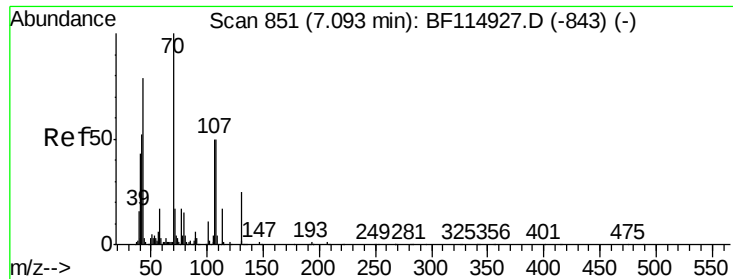
#18
Hexachloroethane
Concen: 41.592 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:	117	Resp:	249036
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.6	114.8
201	92.7	77.0	115.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





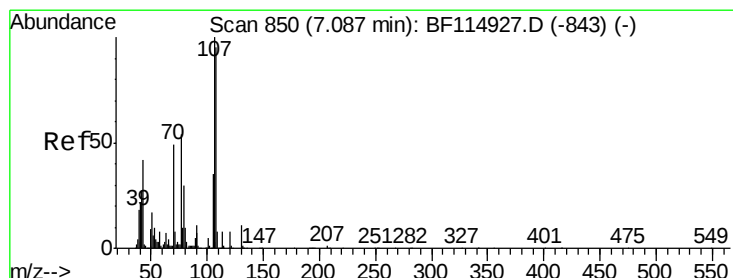
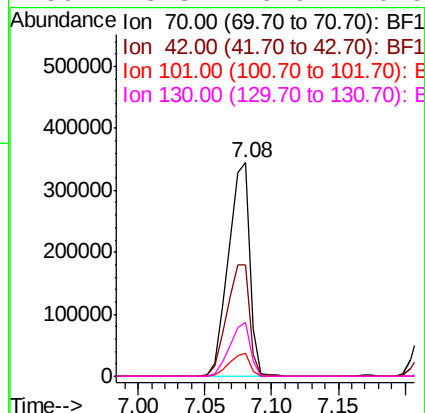
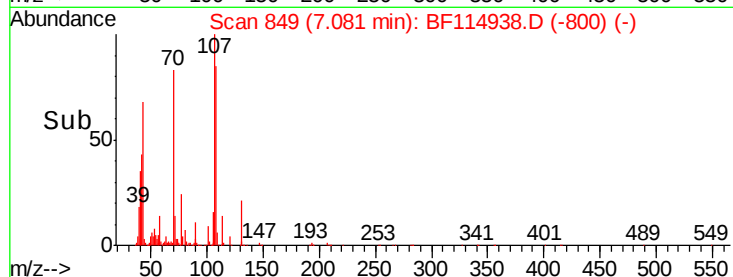
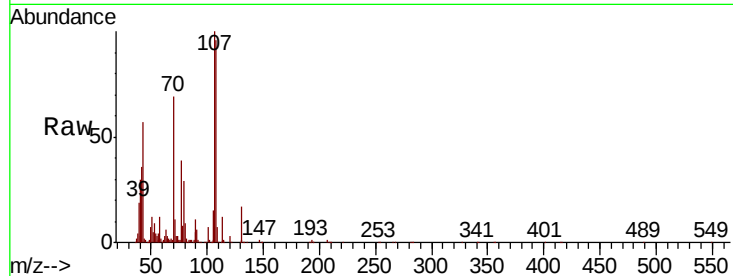
#19
n-Nitroso-di-n-propylamine
Concen: 42.633 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.7	62.5
101	10.8	8.4	12.6
130	25.3	19.9	29.9

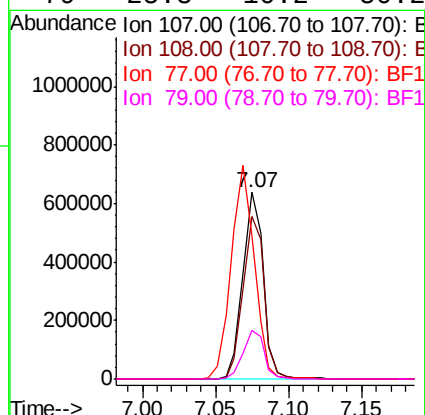
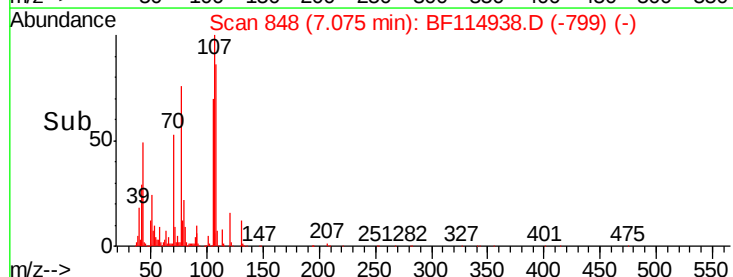
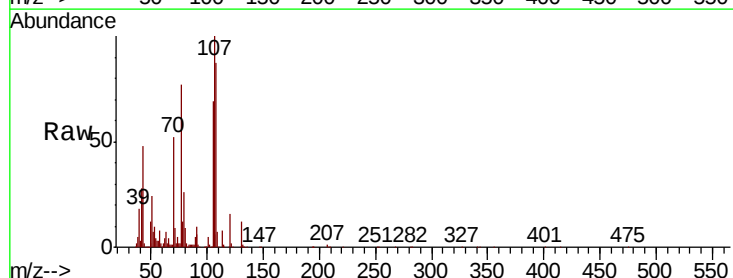
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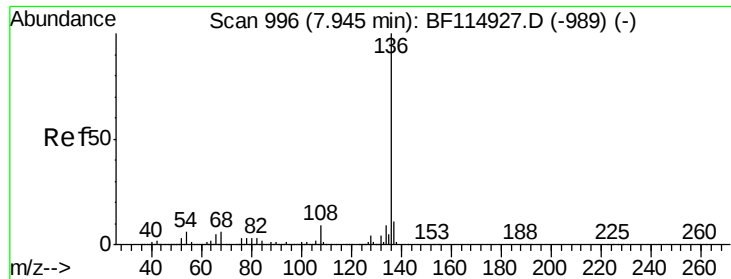
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#20
3+4-Methylphenols
Concen: 47.355 ng m
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	74.7	114.7
77	77.0	33.7	73.7
79	25.8	10.2	50.2





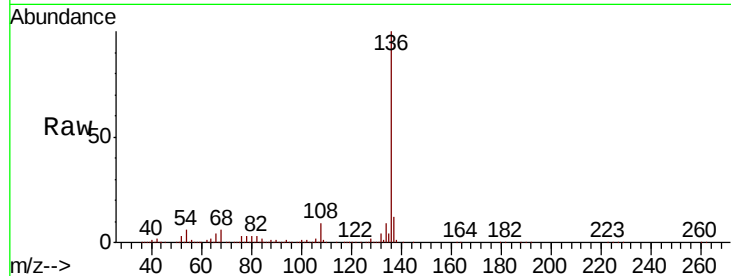
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

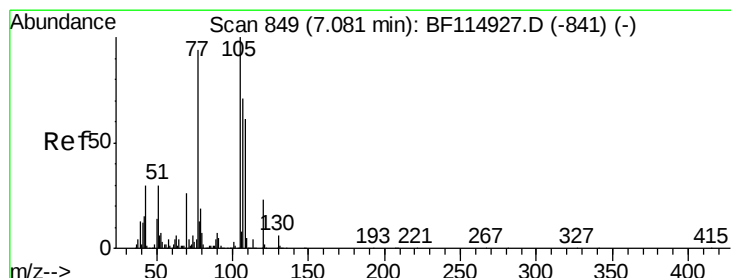
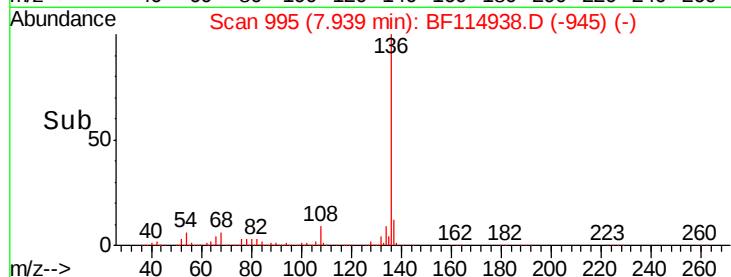
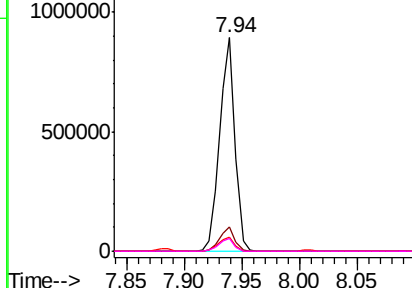
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	818091		
137	11.6	9.0	13.6	
54	6.4	5.2	7.8	
68	5.8	4.6	7.0	

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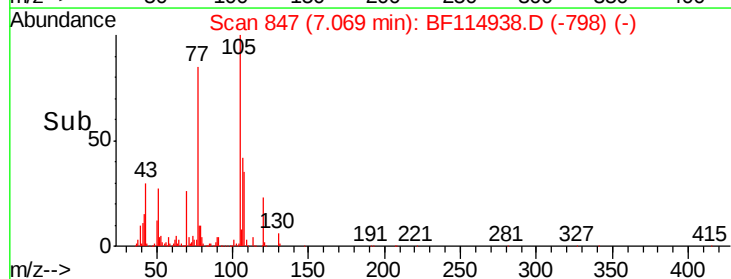
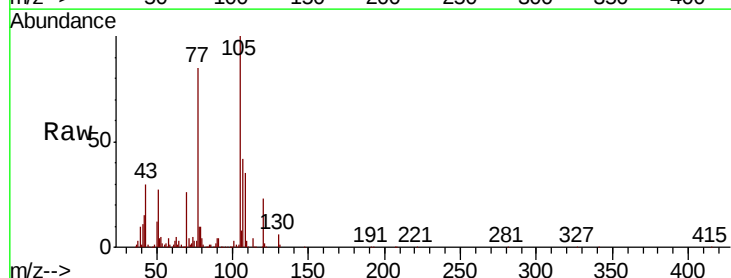
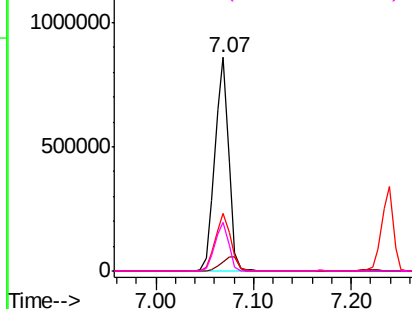
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

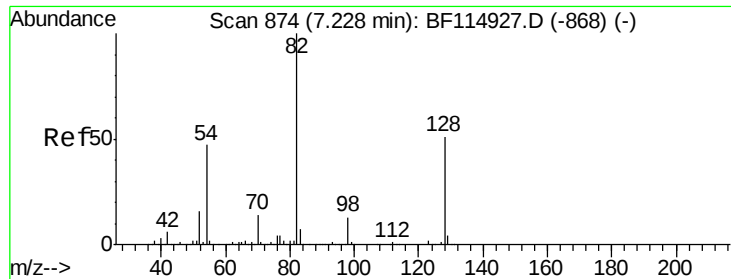


#22
Acetophenone
Concen: 46.094 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	844105		
71	4.2	3.4	5.2	
51	26.9	24.0	36.0	
120	23.1	18.8	28.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





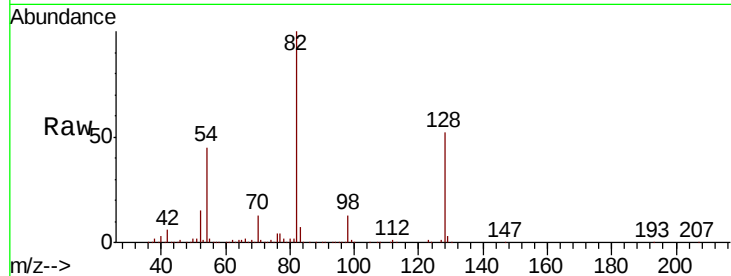
#23
Nitrobenzene-d5
Concen: 81.670 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

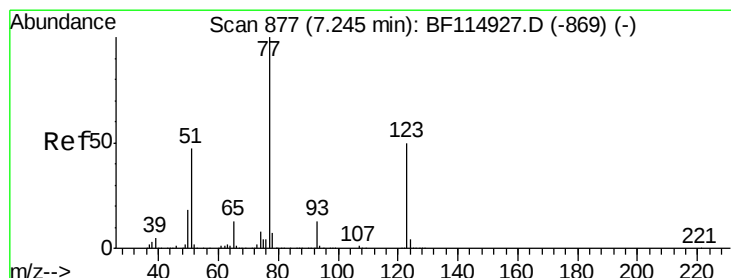
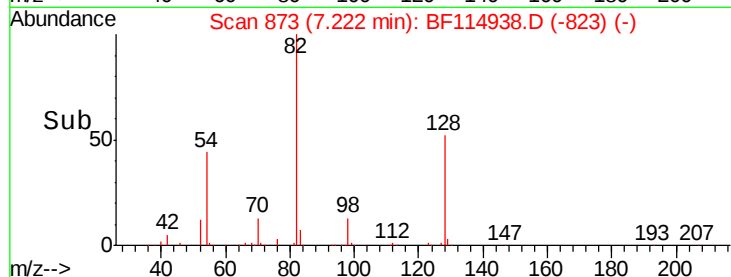
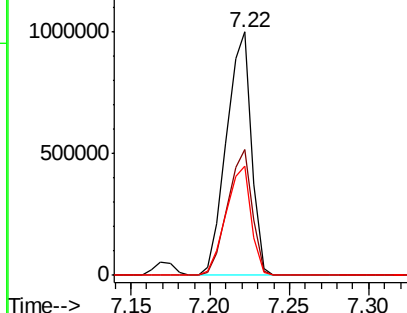
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.9	61.3
54	45.0	37.4	56.0

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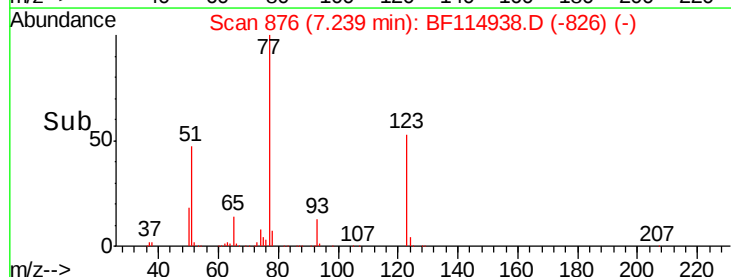
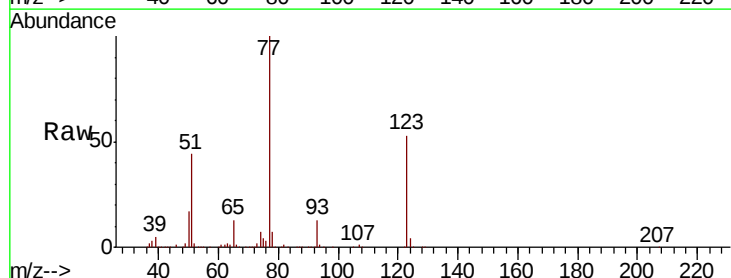
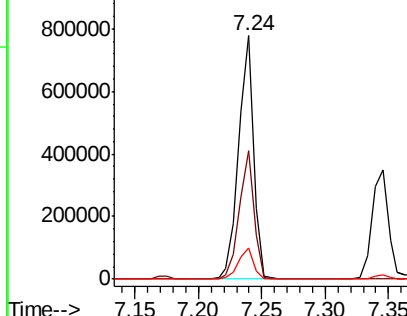
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

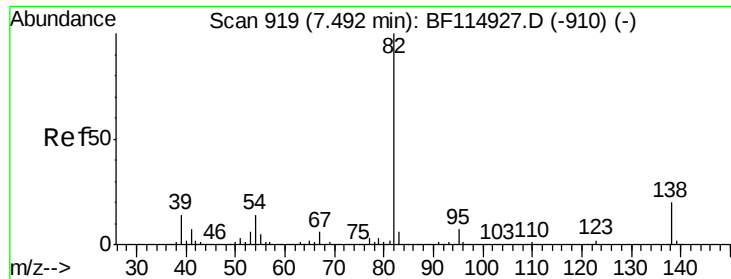


#24
Nitrobenzene
Concen: 45.426 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.0	39.8	59.6
65	12.6	10.7	16.1

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





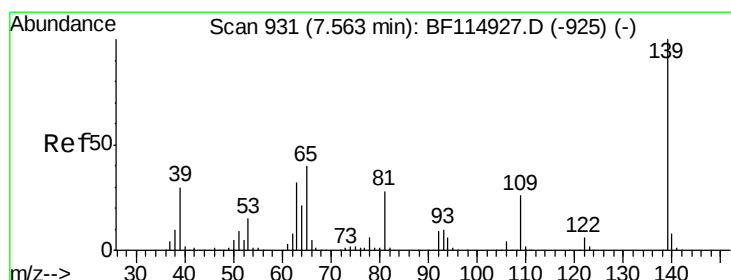
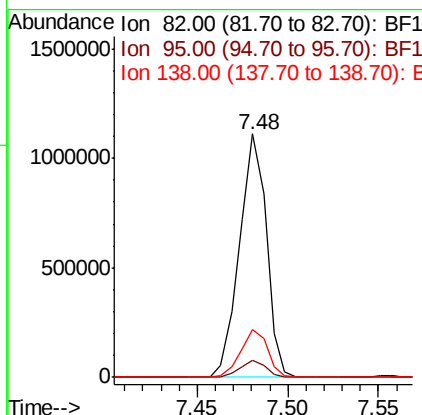
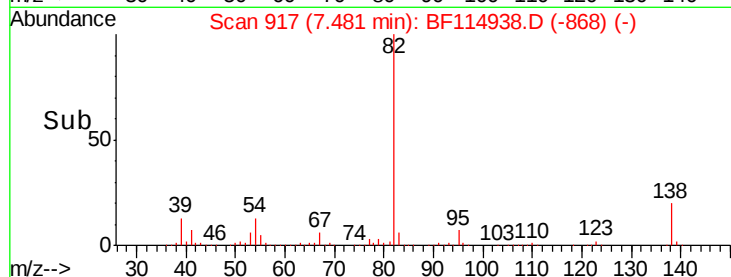
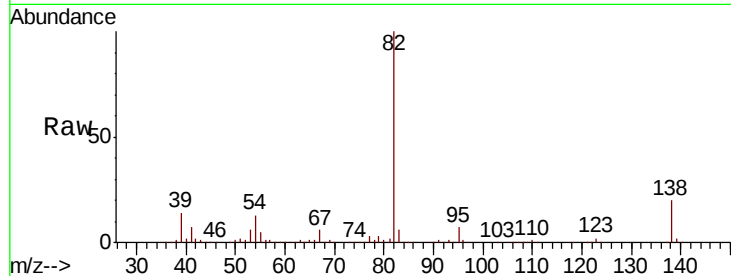
#25
Isophorone
Concen: 44.181 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampled :
PB120177BSD

Tgt Ion: 82 Resp: 1151958
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.7 16.4 24.6

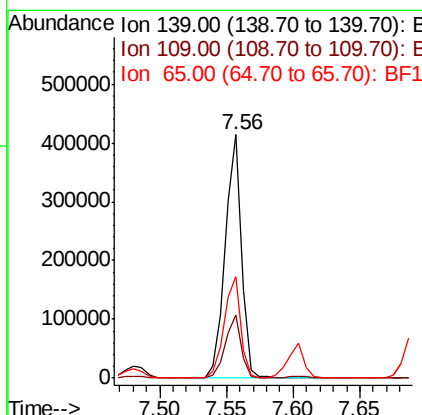
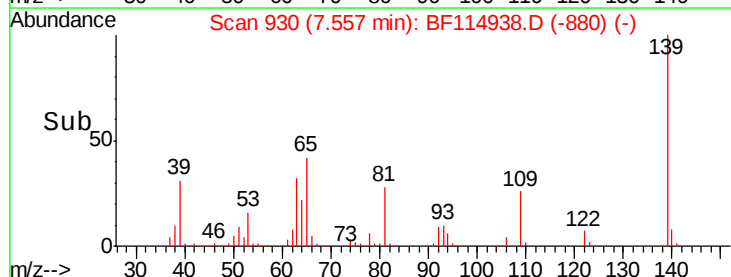
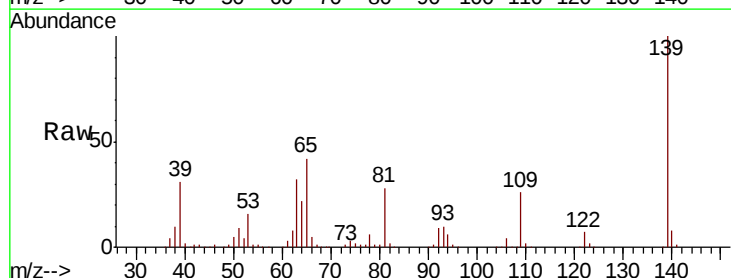
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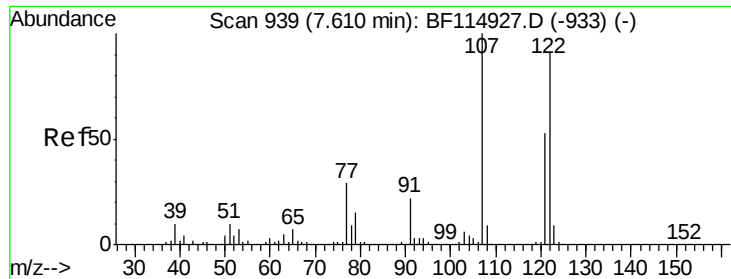
mohammad
6/12/2019 9:03:30 AM



#26
2-Nitrophenol
Concen: 46.570 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion: 139 Resp: 358361
Ion Ratio Lower Upper
139 100
109 26.0 20.6 30.8
65 41.6 32.2 48.2





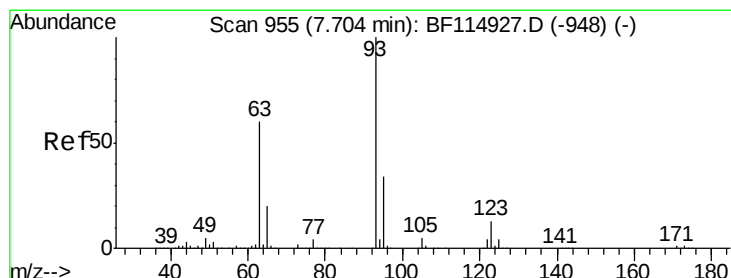
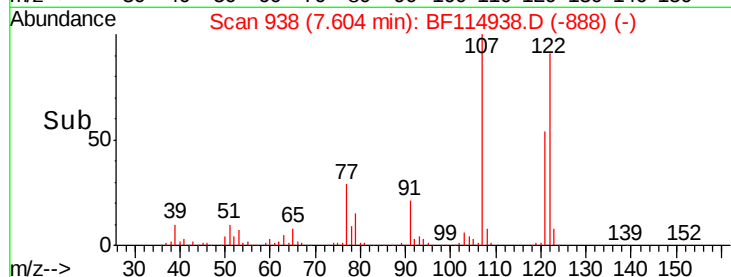
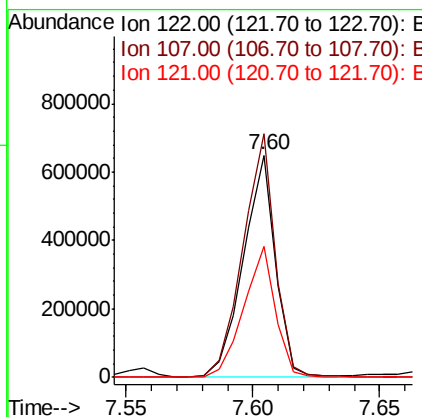
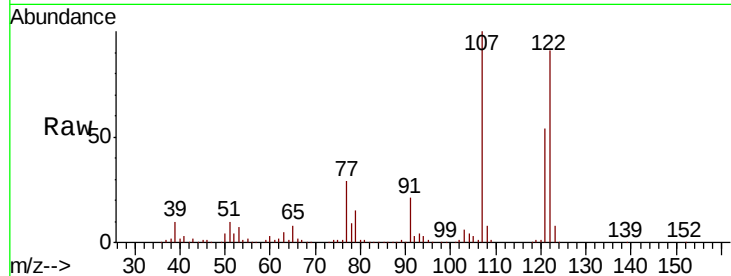
#27
2,4-Dimethylphenol
Concen: 51.056 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	574920		
107	109.5	88.0	132.0	
121	58.9	47.0	70.6	

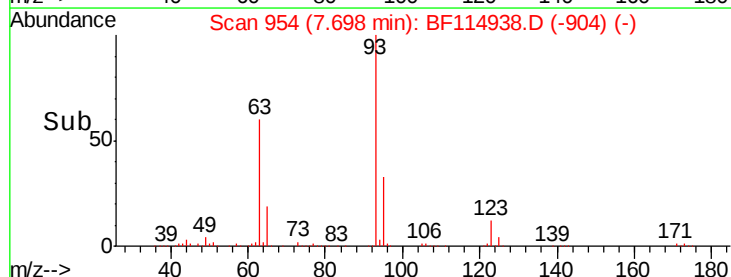
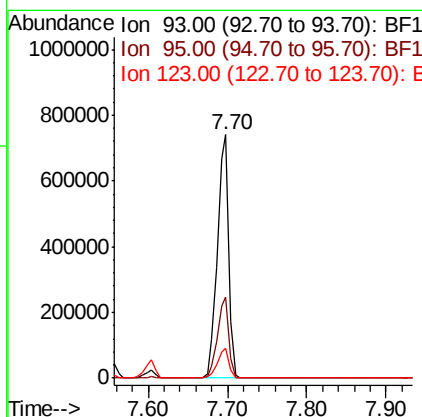
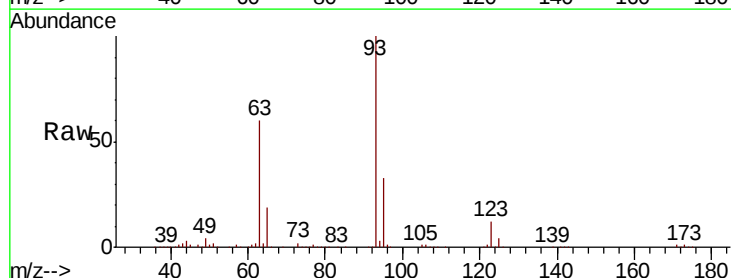
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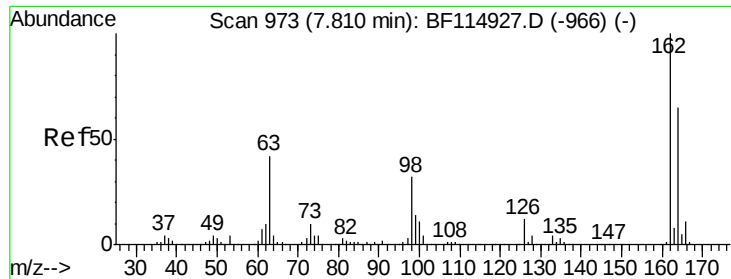
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.957 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	733169		
95	33.1	27.0	40.4	
123	12.3	10.3	15.5	





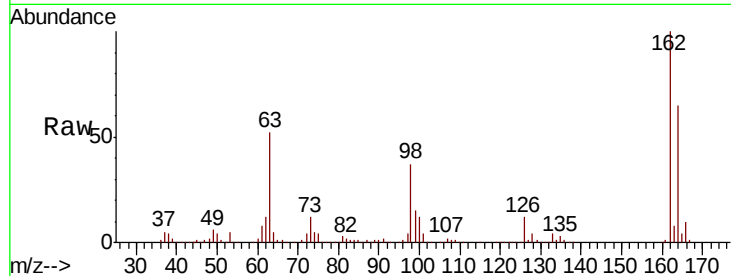
#29
 2,4-Dichlorophenol
 Concen: 46.152 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	544236		
164	64.8	45.4	85.4	
98	36.6	12.5	52.5	

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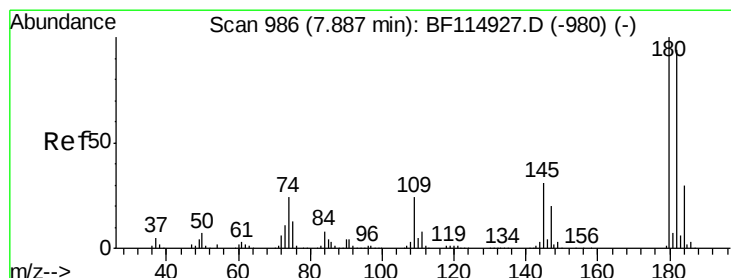
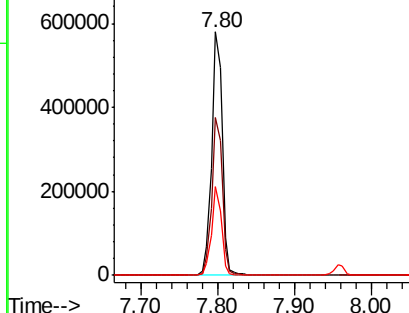
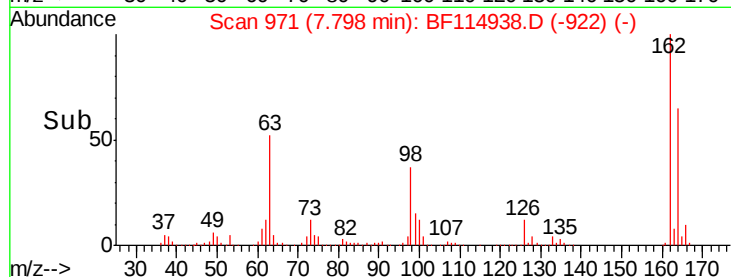


Abundance

Ion 162.00 (161.70 to 162.70): E

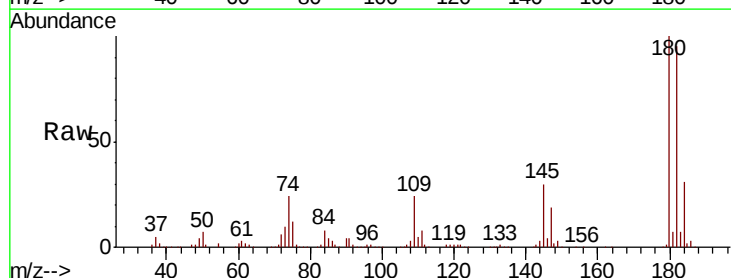
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.583 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	603358		
182	94.8	75.0	112.6	
145	30.3	25.1	37.7	

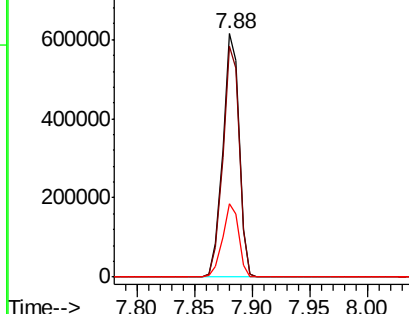
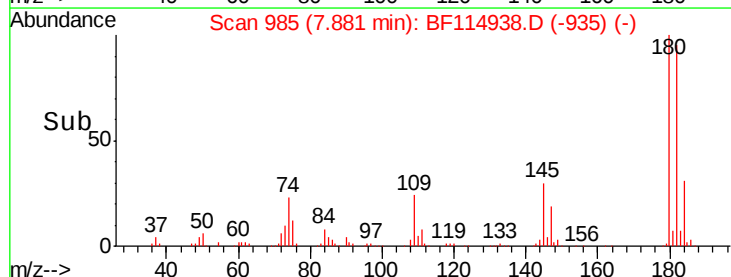


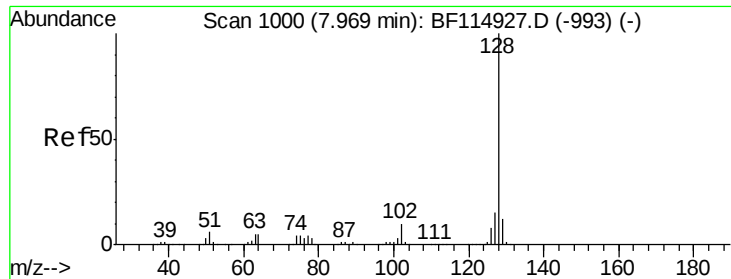
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





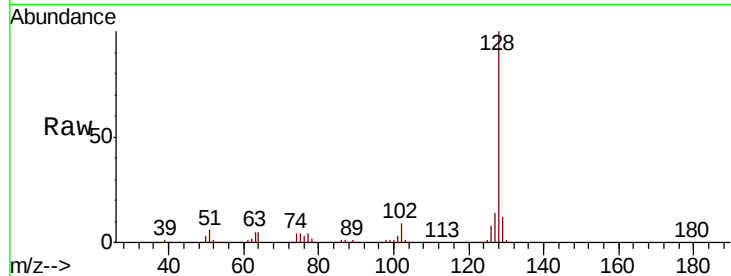
#31
Naphthalene
Concen: 48.256 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

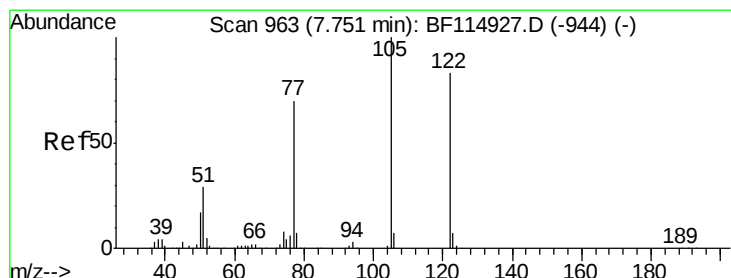
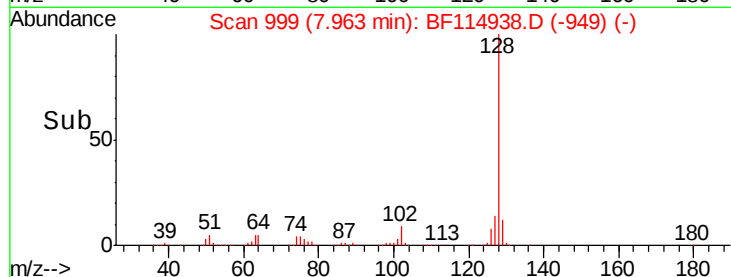
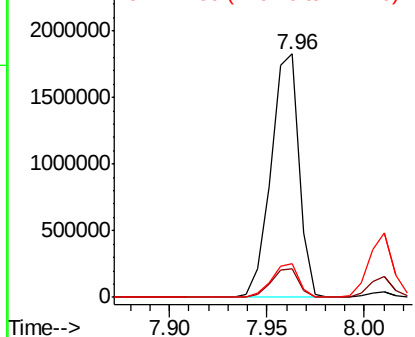
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.7	11.8	17.6

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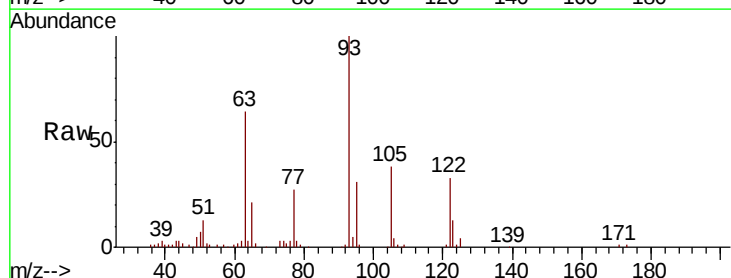


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

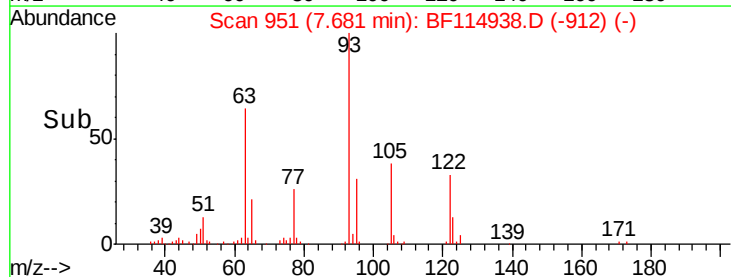
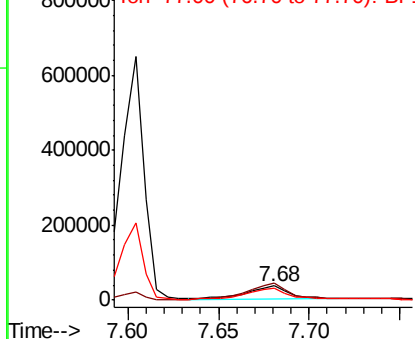


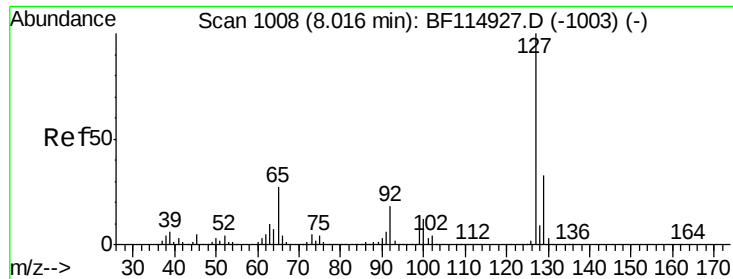
#32
Benzoic acid
Concen: 6.365 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.07 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	97.7	137.7
77	82.5	63.0	103.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





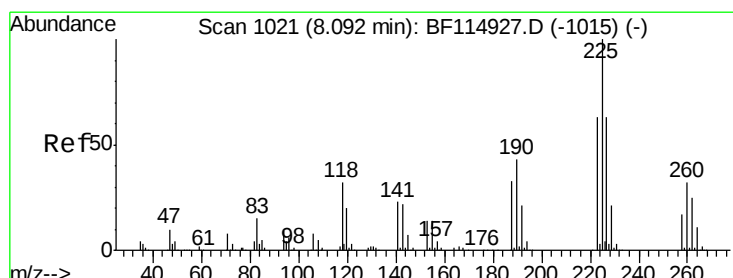
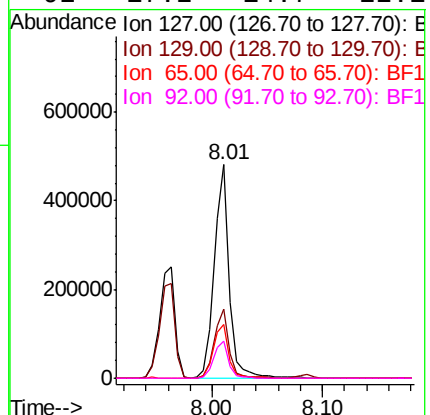
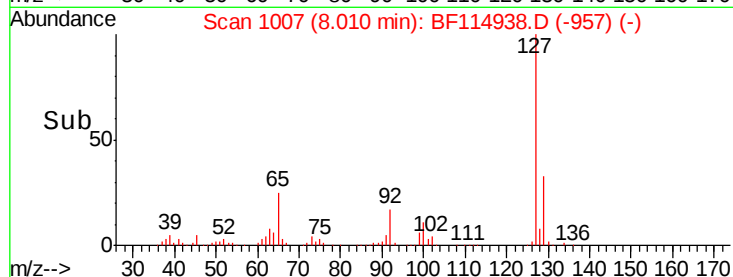
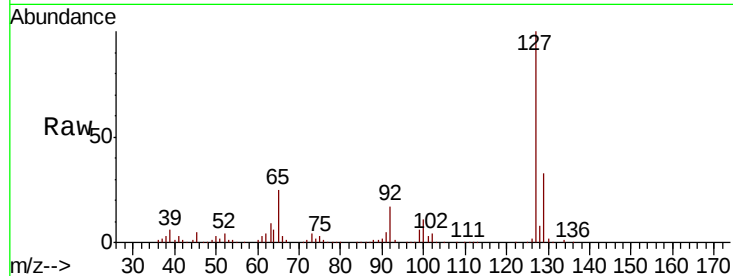
#33
4-Chloroaniline
Concen: 24.618 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	437922		
129	32.6	26.6	40.0	
65	24.9	21.5	32.3	
92	17.2	14.7	22.1	

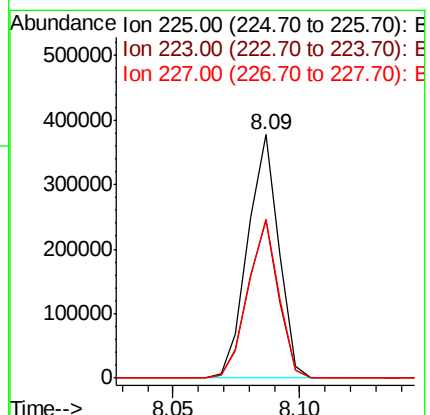
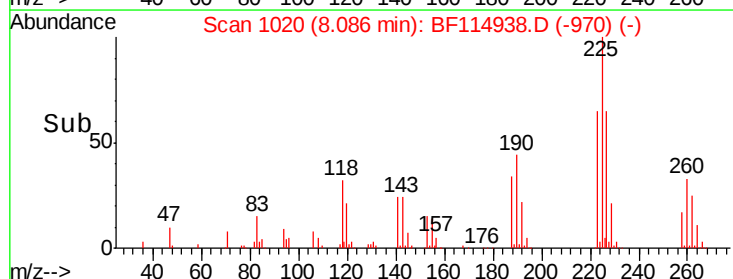
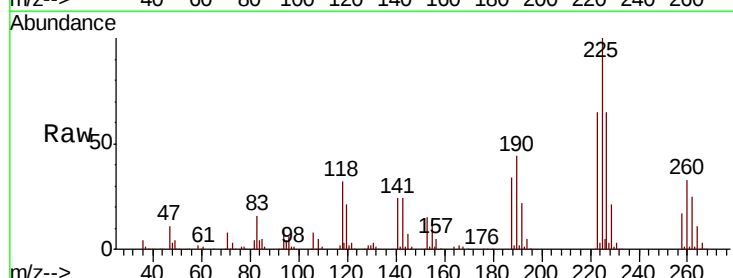
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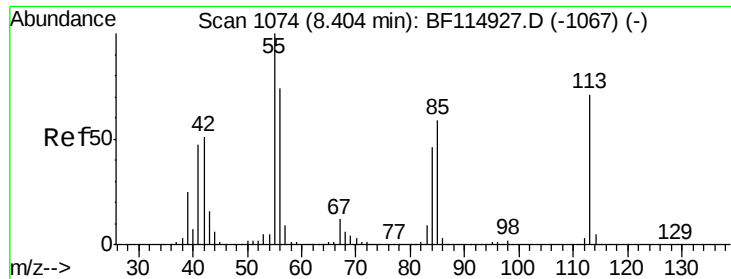
mohammad
6/12/2019 9:03:30 AM



#34
Hexachlorobutadiene
Concen: 42.309 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	321149		
223	64.7	50.6	75.8	
227	65.4	50.6	75.8	





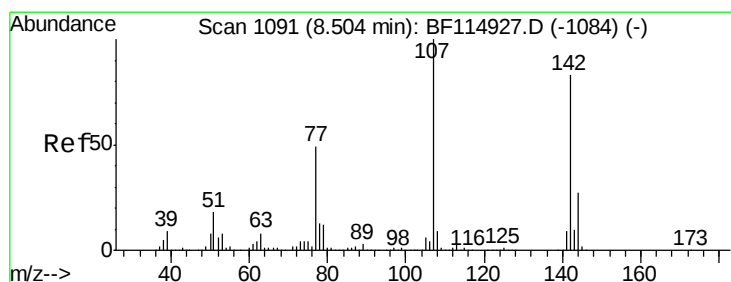
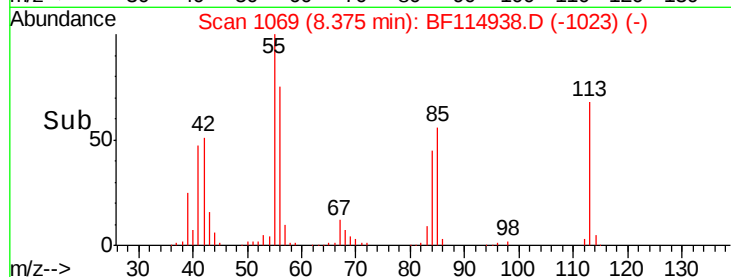
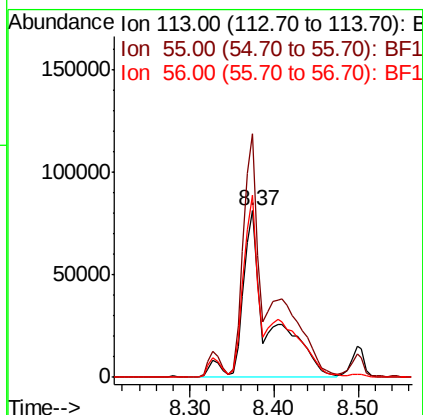
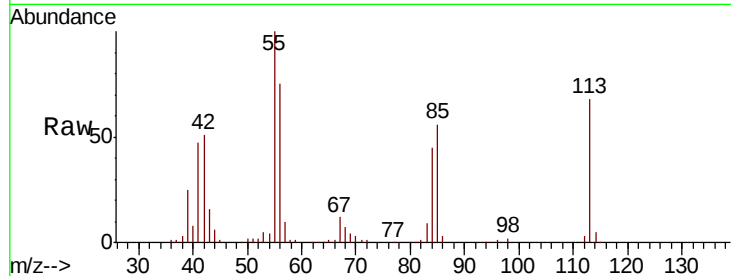
#35
 Caprolactam
 Concen: 45.099 ng m
 RT: 8.37 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	146.4	120.9	160.9
56	109.4	84.3	124.3

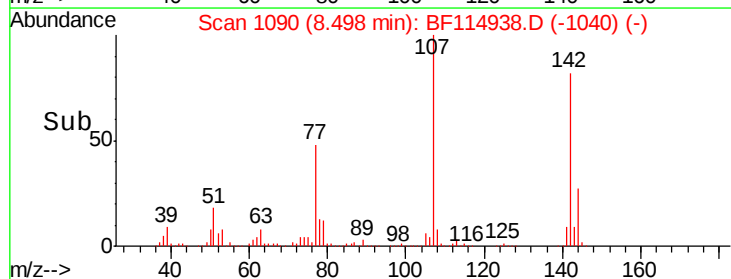
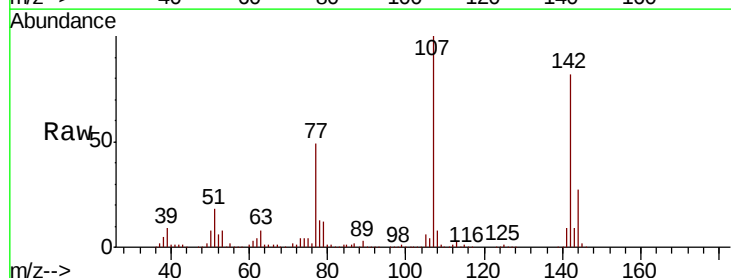
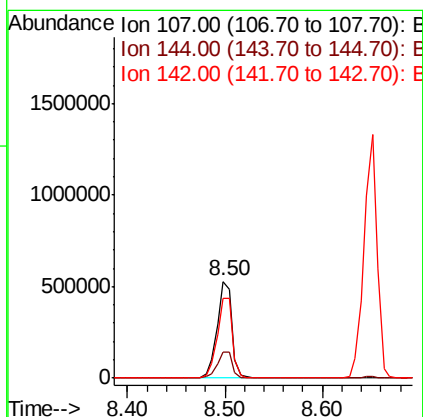
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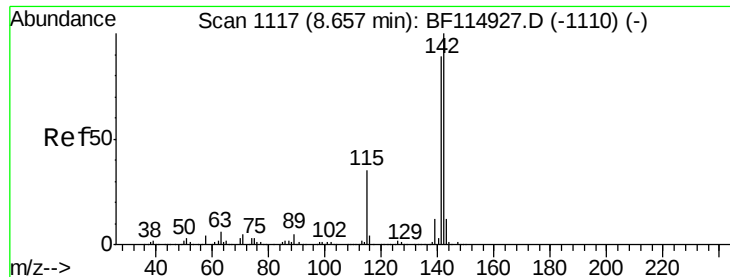
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 46.491 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.6	32.4
142	81.9	66.1	99.1





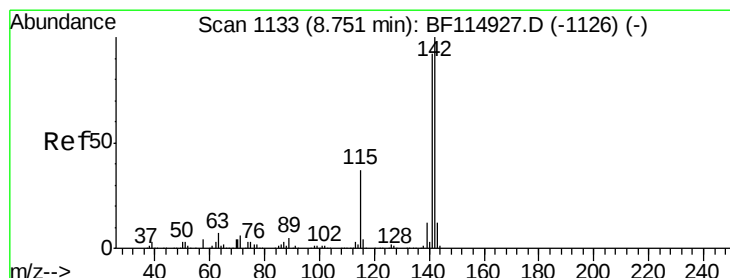
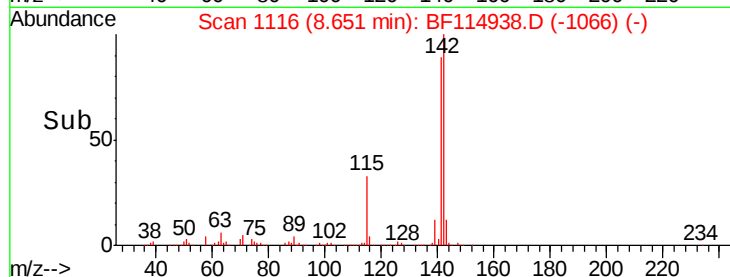
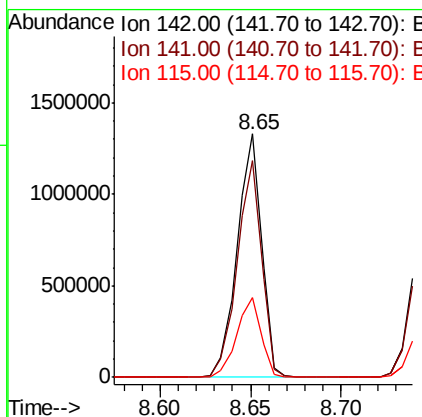
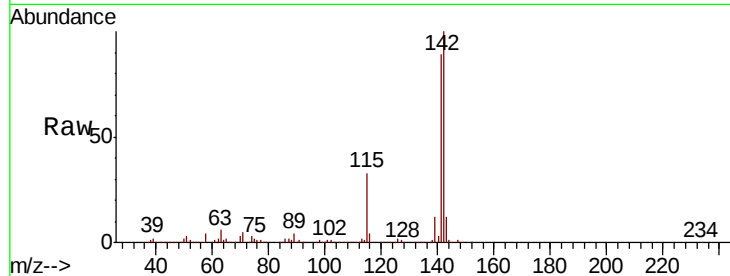
#37
2-Methylnaphthalene
Concen: 48.743 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion:142 Resp: 1248598
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7
115 32.6 27.8 41.6

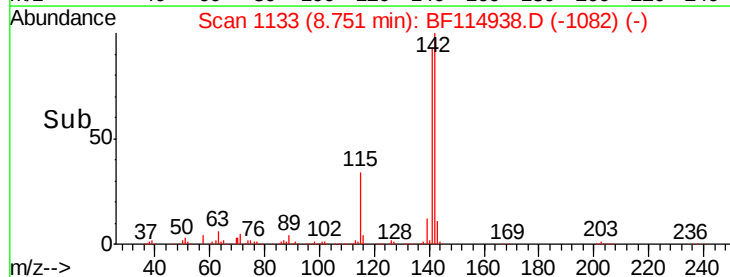
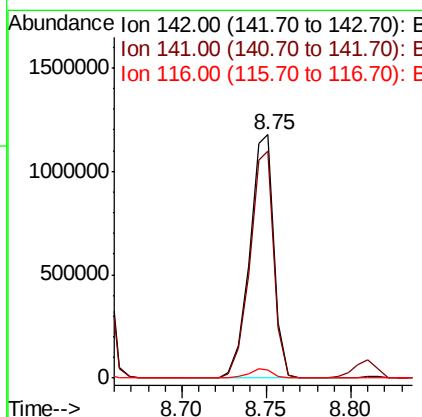
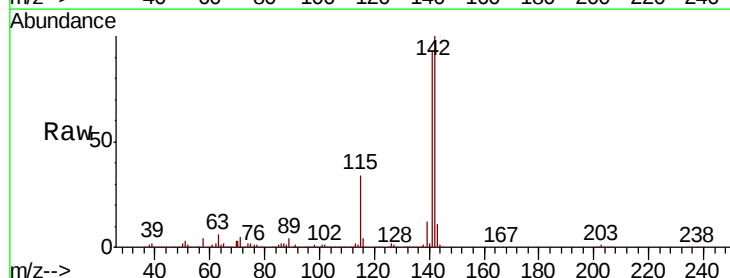
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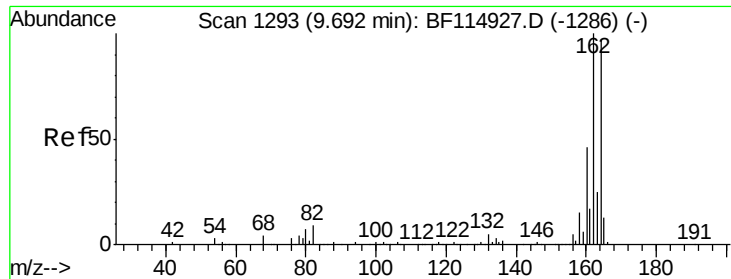
mohammad
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#38
1-Methylnaphthalene
Concen: 48.302 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:142 Resp: 1170212
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5
116 3.5 3.1 4.7





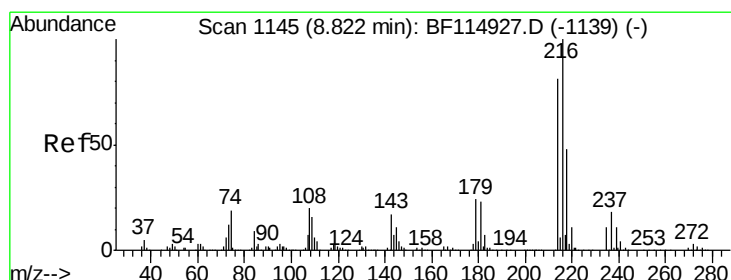
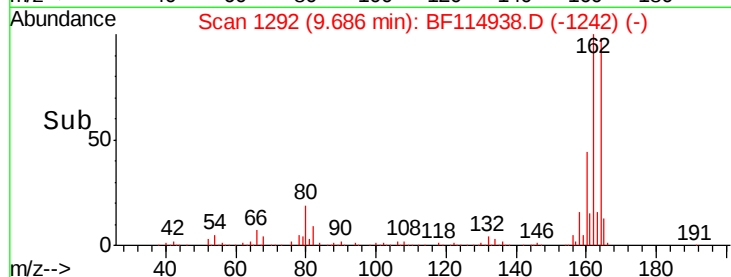
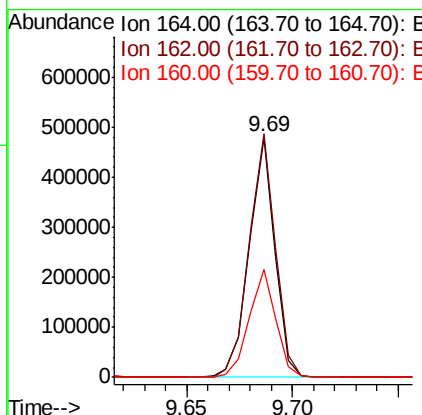
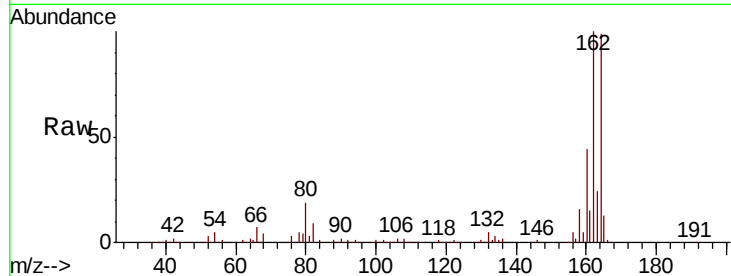
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	82.4	123.6	
160	44.6	37.5	56.3	

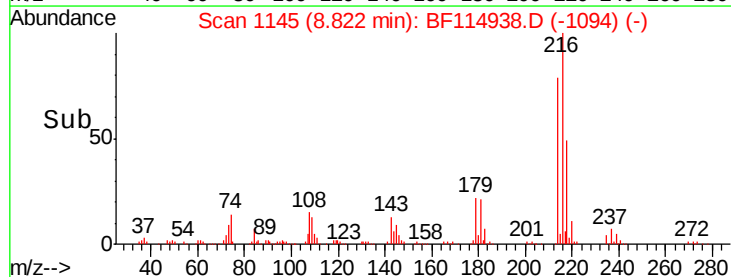
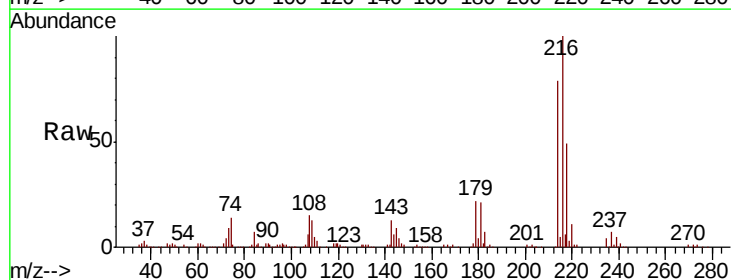
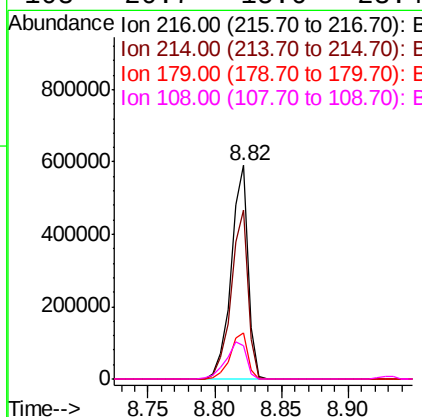
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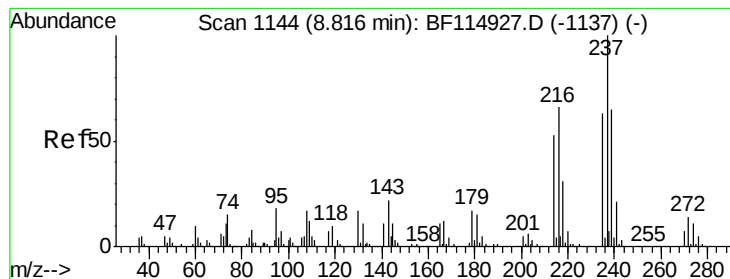
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.374 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.8	95.8	
179	22.5	18.5	27.7	
108	20.7	15.6	23.4	





#41

Hexachlorocyclopentadiene

Concen: 97.024 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

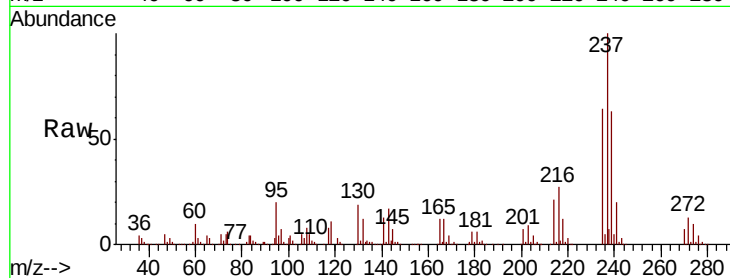
ClientSampleId :

PB120177BSD

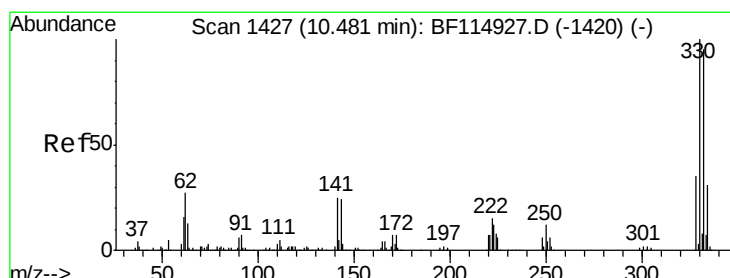
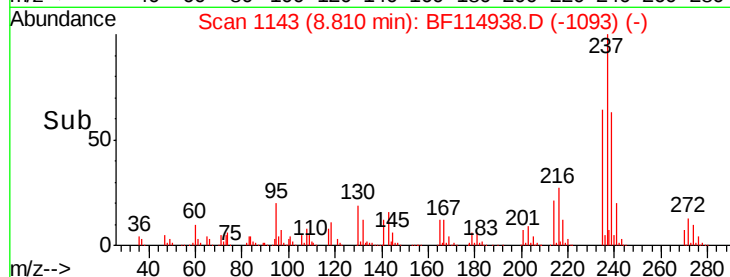
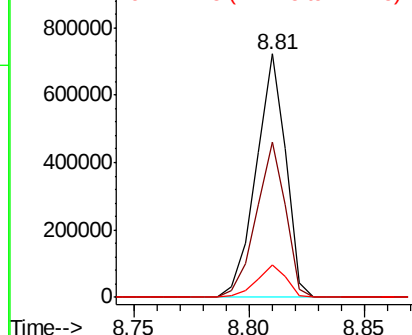
Tgt Ion:	237	Resp:	645861
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.3	83.3
272	13.1	0.0	33.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.739 ng

RT: 10.47 min Scan# 1426

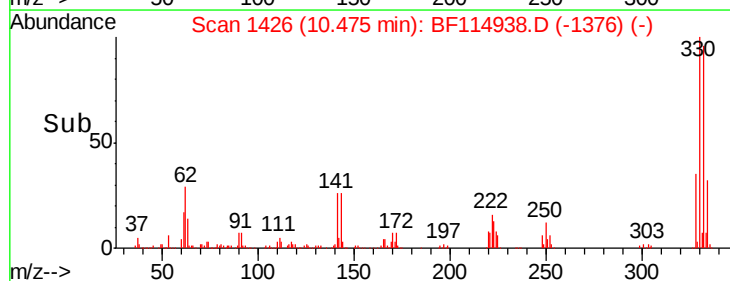
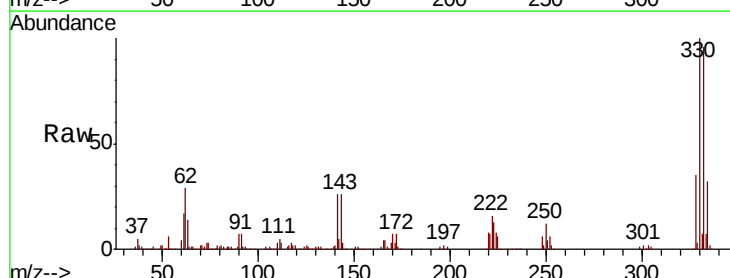
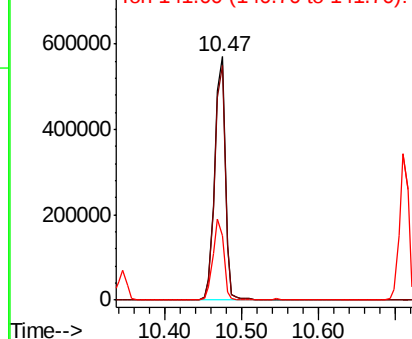
Delta R.T. -0.01 min

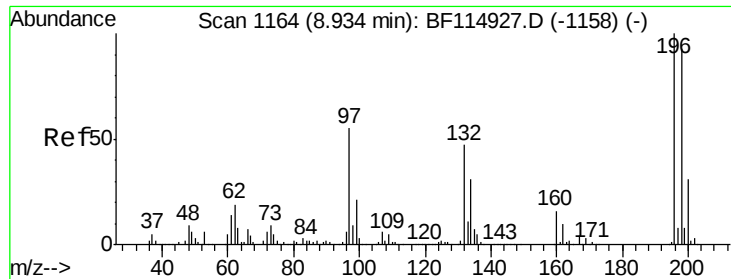
Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:	330	Resp:	534968
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.4	114.6
141	34.1	26.8	40.2

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





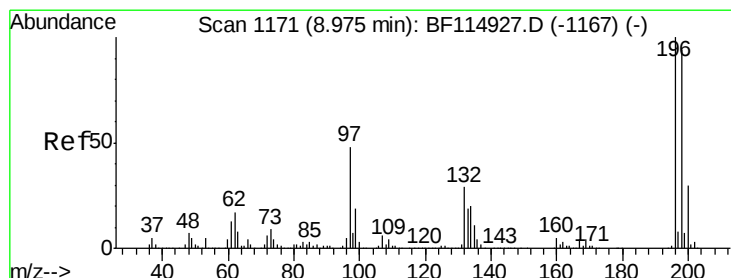
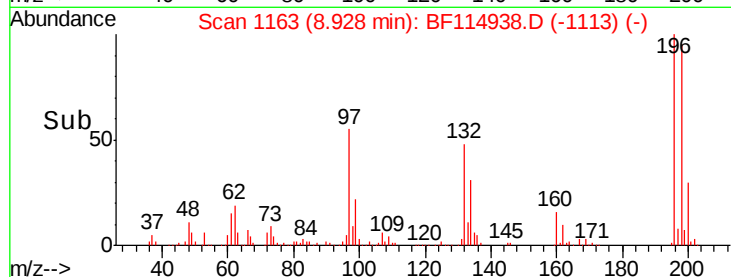
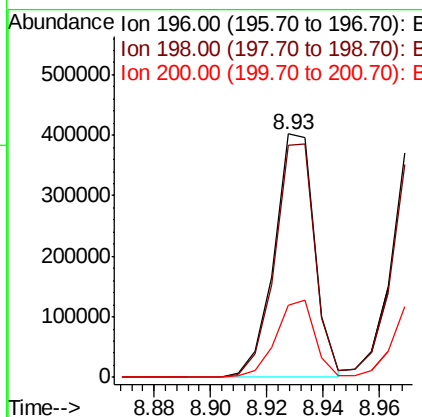
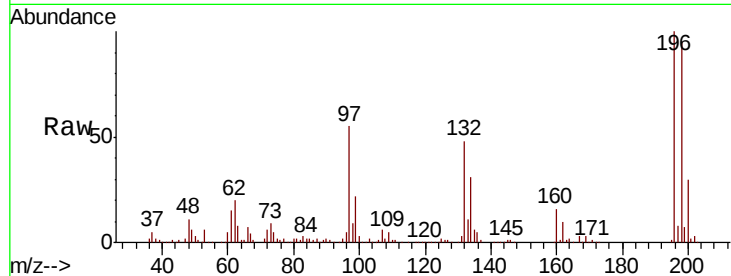
#43
 2,4,6-Trichlorophenol
 Concen: 44.635 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	396918		
198	95.2	74.8	112.2	
200	29.8	24.5	36.7	

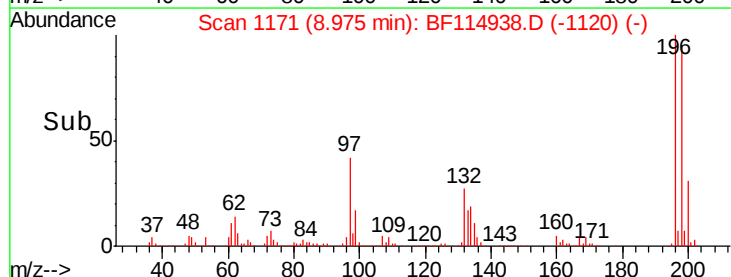
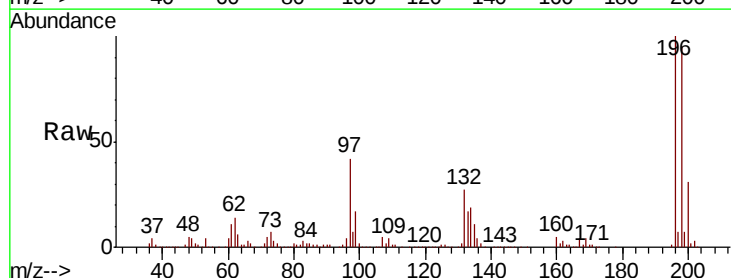
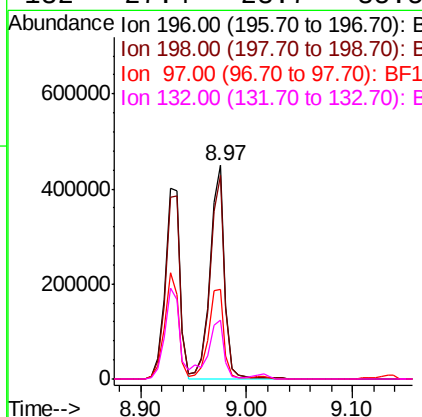
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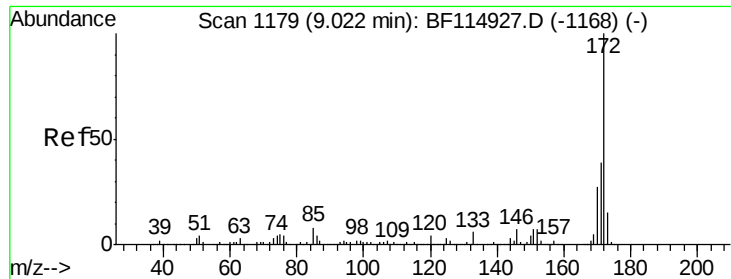
mohammad
 6/12/2019 9:03:30 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.158 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	432398		
198	95.4	75.6	113.4	
97	41.8	38.6	57.8	
132	27.4	23.7	35.5	





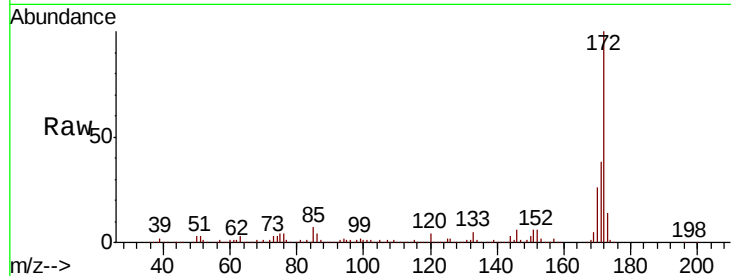
#45
2-Fluorobiphenyl
Concen: 84.201 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.7	21.4	32.0

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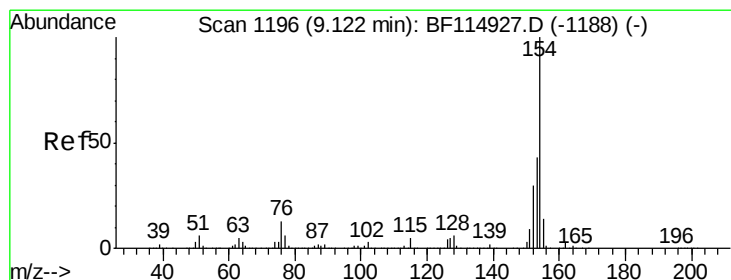
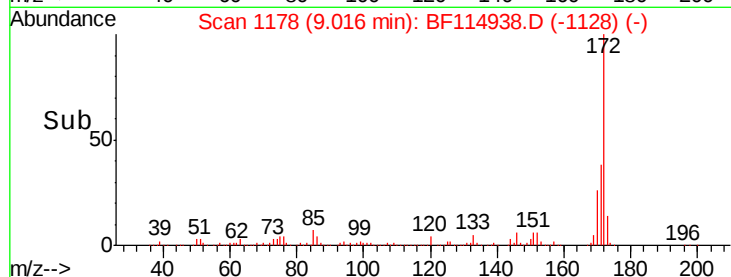
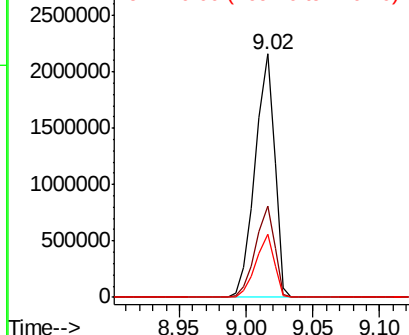


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.652 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

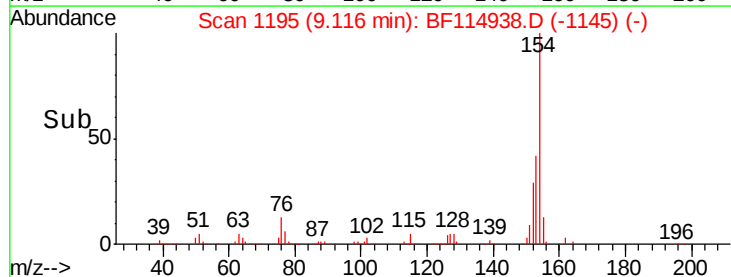
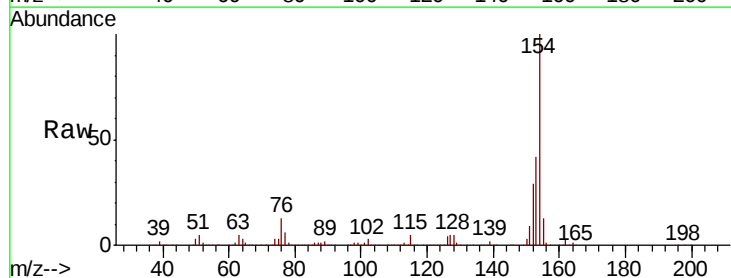
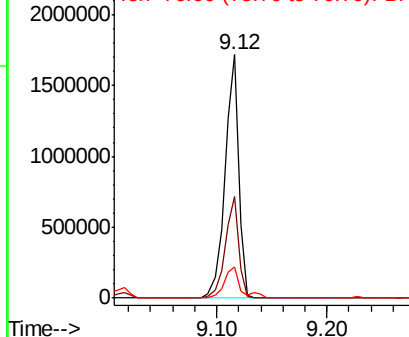
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.8	62.8
76	12.5	0.0	33.0

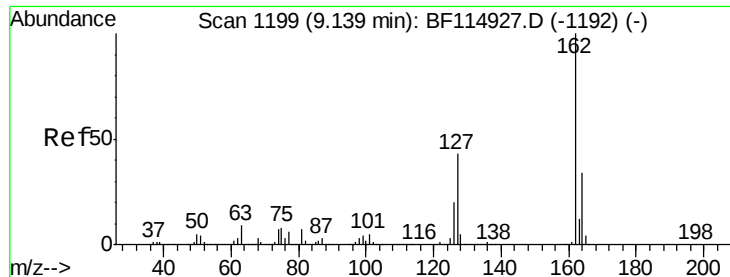
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





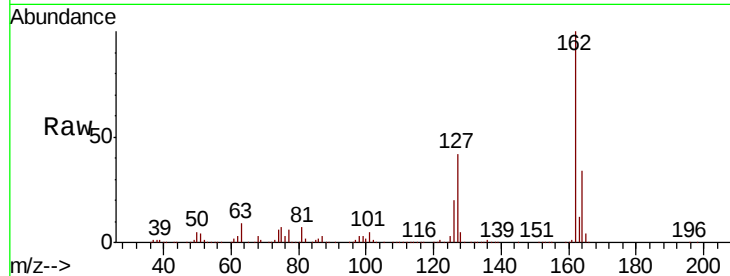
#47
 2-Chloronaphthalene
 Concen: 45.980 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

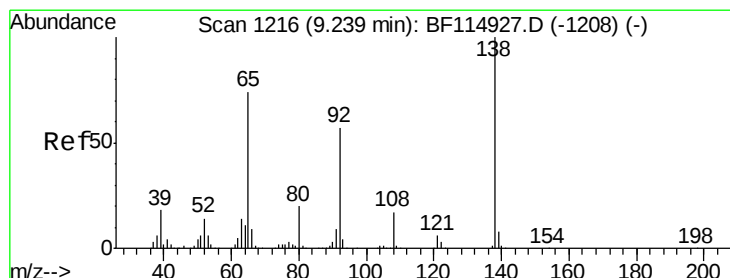
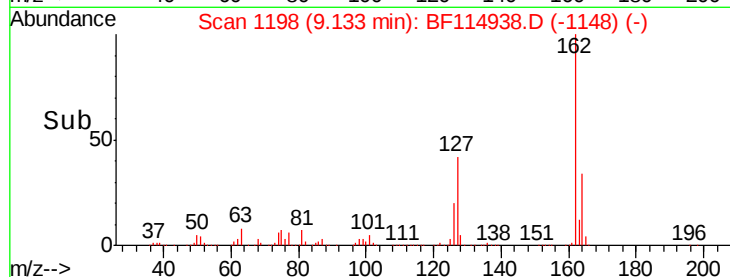
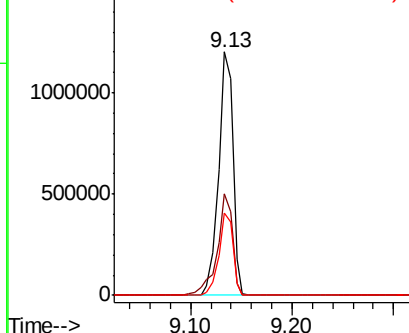
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.6	51.8
164	33.7	27.5	41.3

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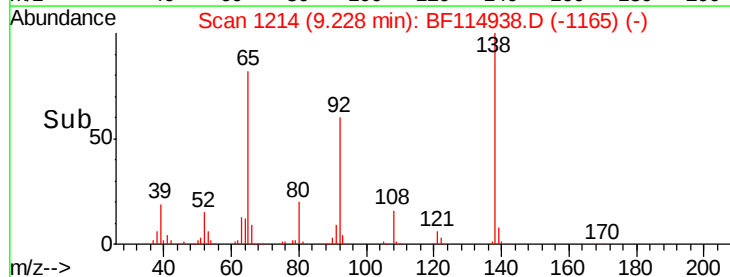
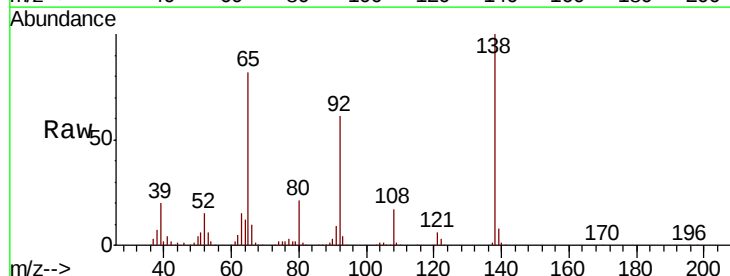
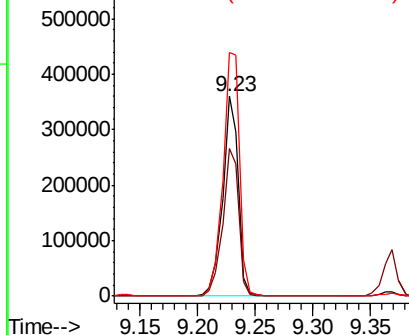
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

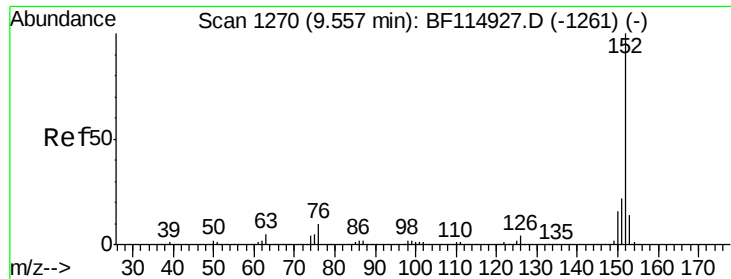


#48
 2-Nitroaniline
 Concen: 43.135 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	61.9	92.9
138	121.9	108.6	162.8

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.966 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

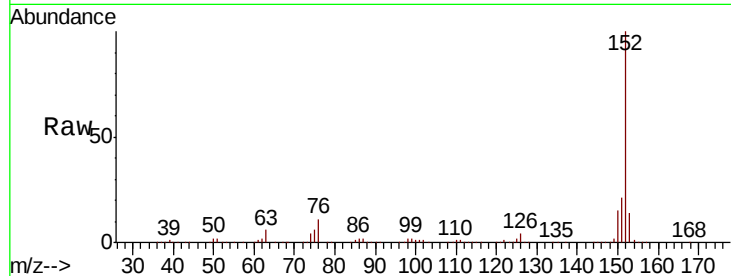
ClientSampleId :

PB120177BSD

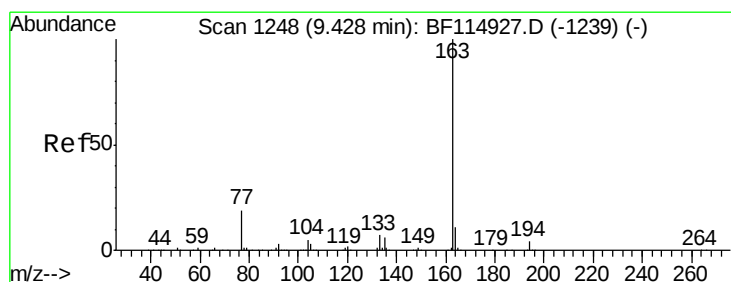
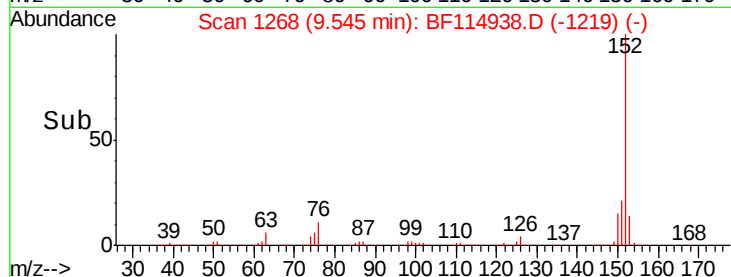
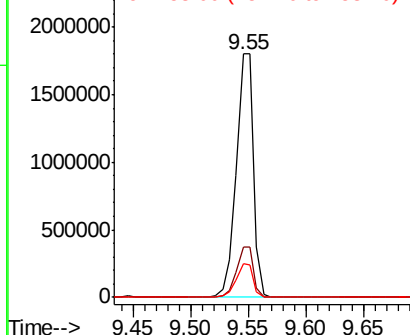
Tgt Ion:	152	Resp:	1856166
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.6	26.4
153	14.1	11.4	17.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.090 ng

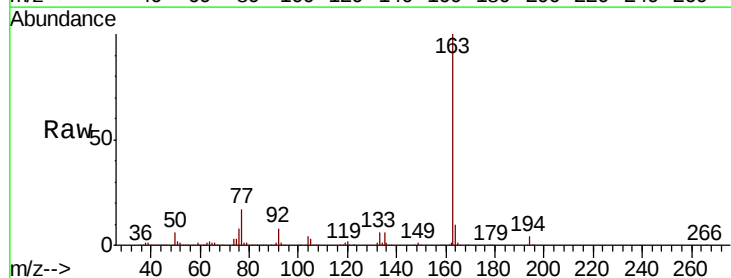
RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

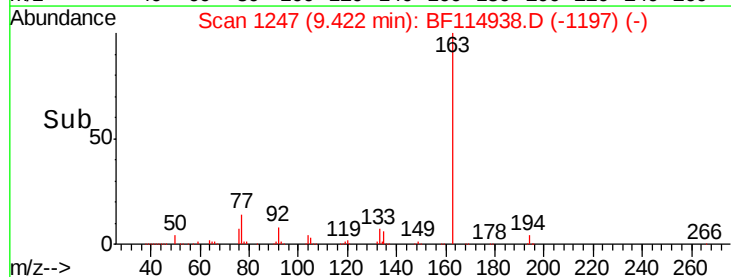
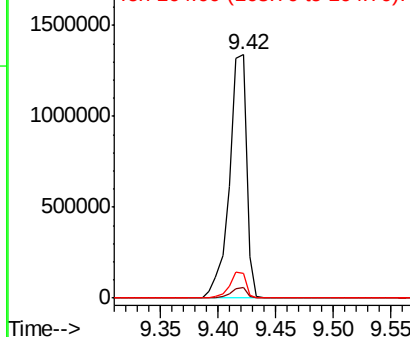
Lab File: BF114938.D

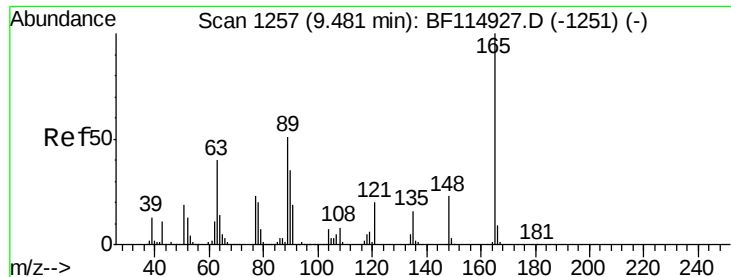
Acq: 11 Jun 2019 11:32

Tgt Ion:	163	Resp:	1380355
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





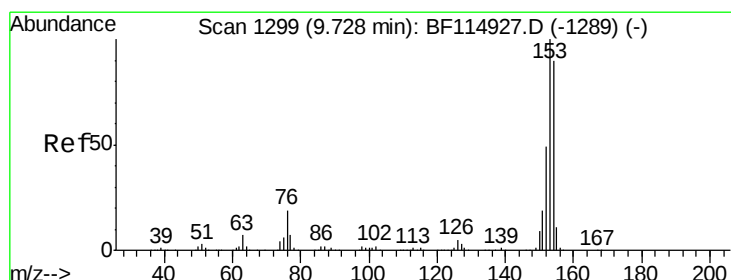
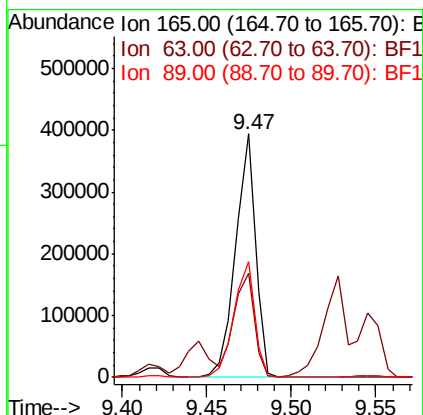
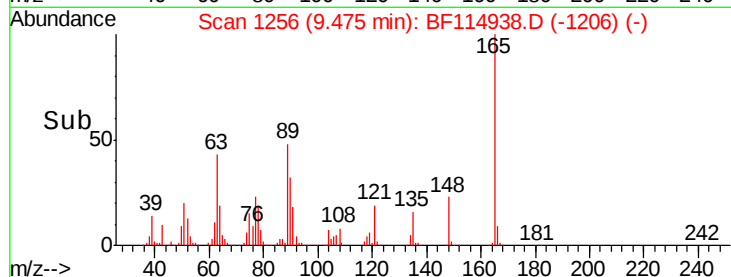
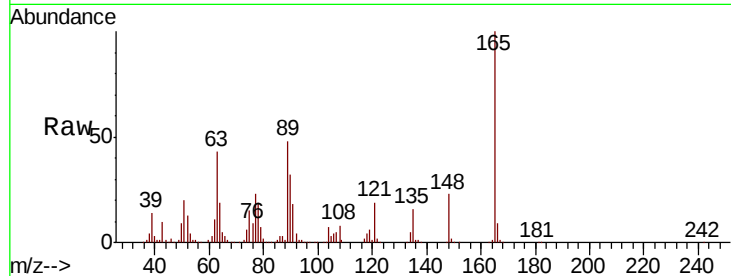
#51
2,6-Dinitrotoluene
Concen: 46.220 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	324991		
63	42.9	38.3	57.5	
89	47.6	40.8	61.2	

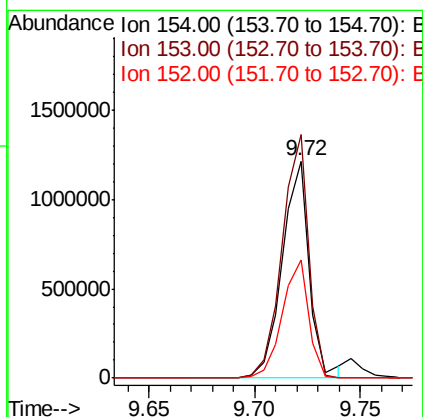
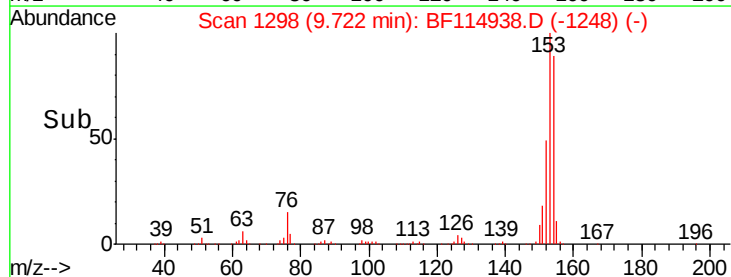
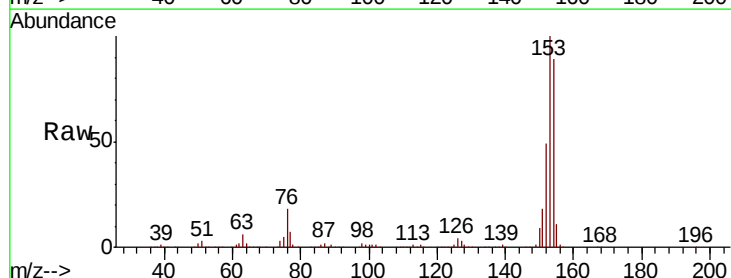
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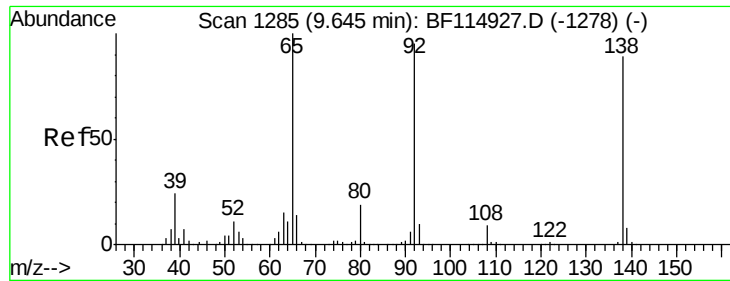
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#52
Acenaphthene
Concen: 47.194 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1083834		
153	112.3	89.1	133.7	
152	54.7	43.8	65.6	





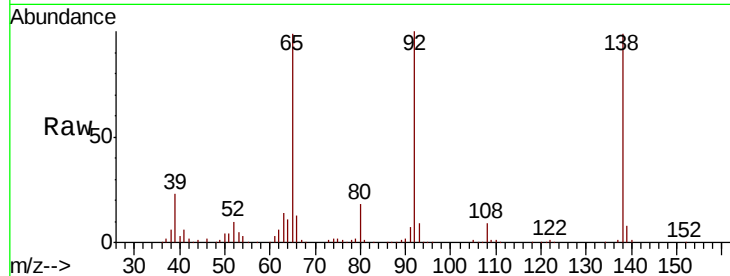
#53
3-Nitroaniline
Concen: 30.872 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

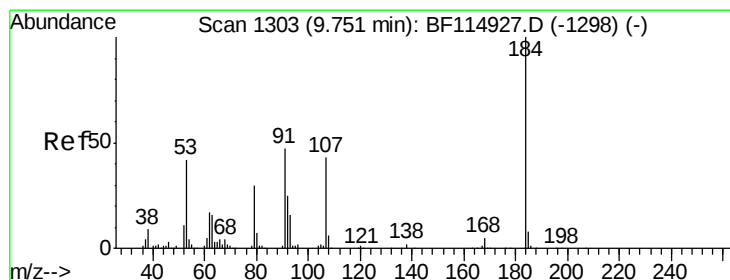
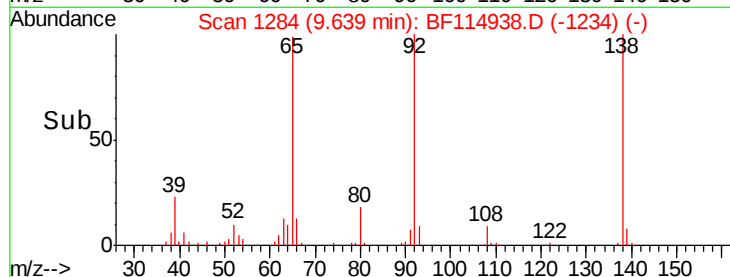
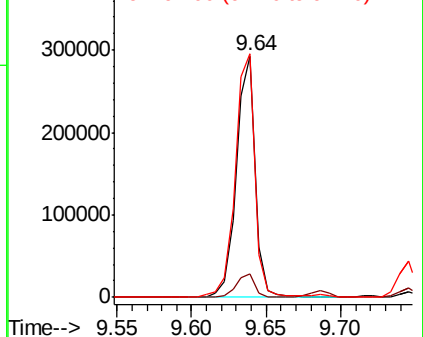
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	260667		
108	9.5	7.9	11.9	
92	100.8	85.0	127.6	

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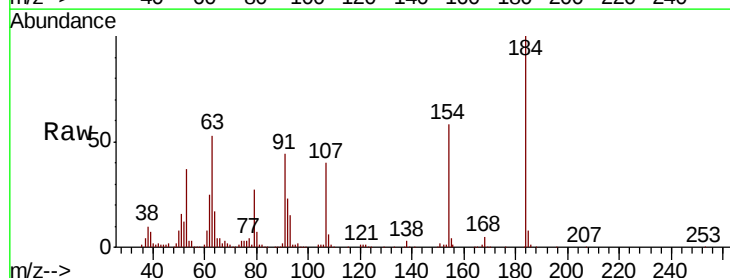


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

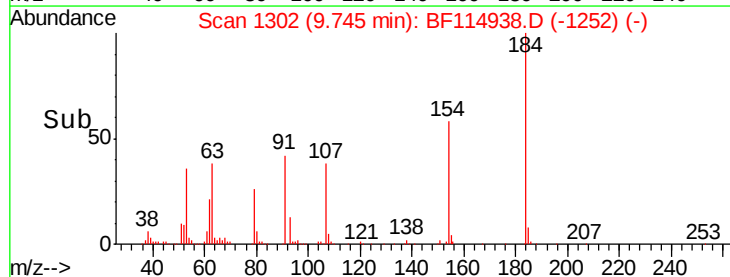
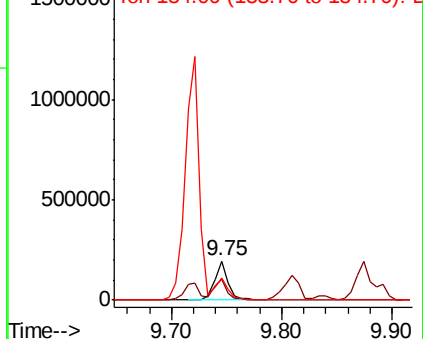


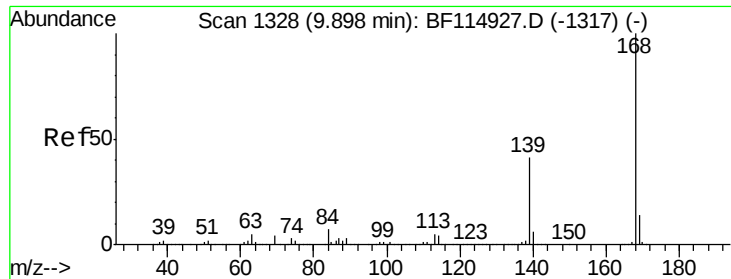
#54
2,4-Dinitrophenol
Concen: 47.485 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	165253		
63	52.9	47.4	71.0	
154	58.1	48.6	73.0	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





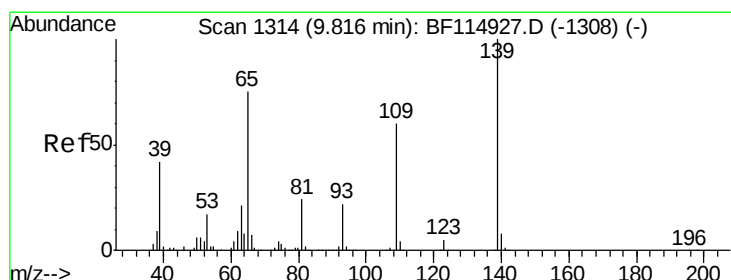
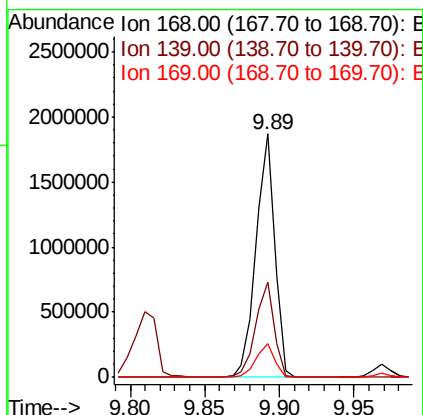
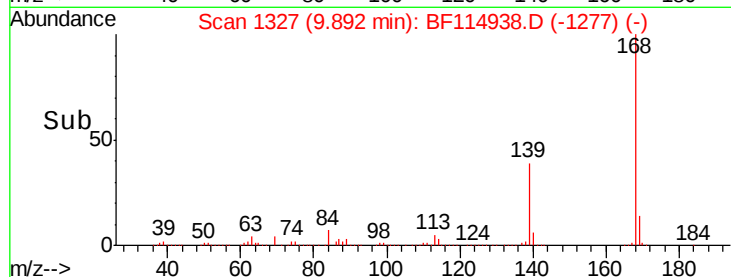
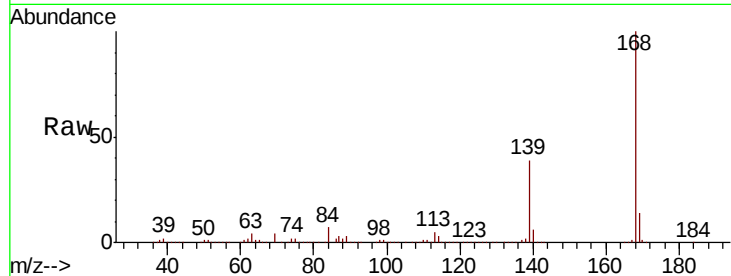
#55
Dibenzofuran
Concen: 49.196 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion:168 Resp: 1612786
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.4
169 14.0 11.6 17.4

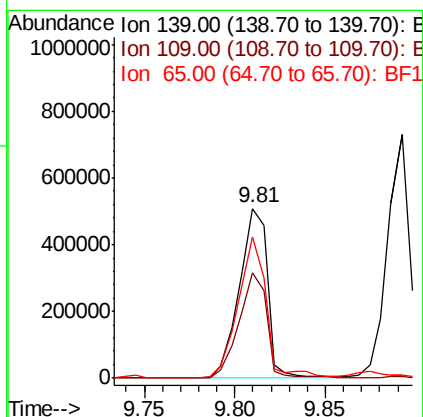
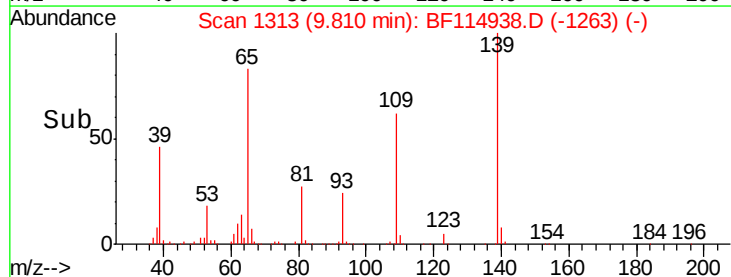
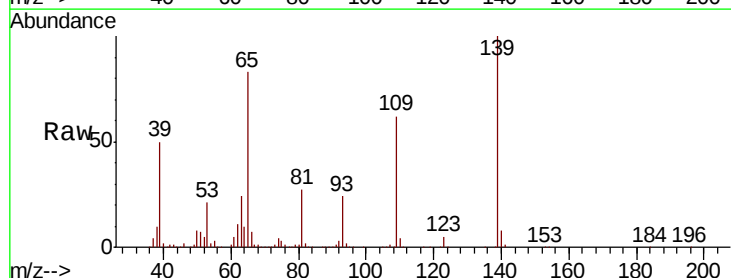
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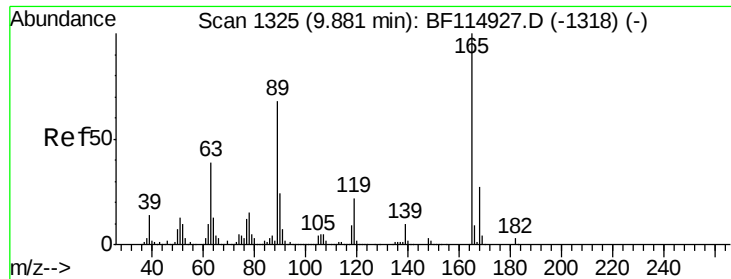
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#56
4-Nitrophenol
Concen: 91.641 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:139 Resp: 551457
Ion Ratio Lower Upper
139 100
109 62.3 40.0 80.0
65 83.3 55.0 95.0





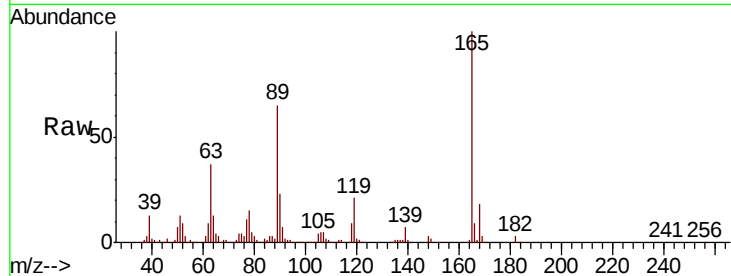
#57
2,4-Dinitrotoluene
Concen: 49.008 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

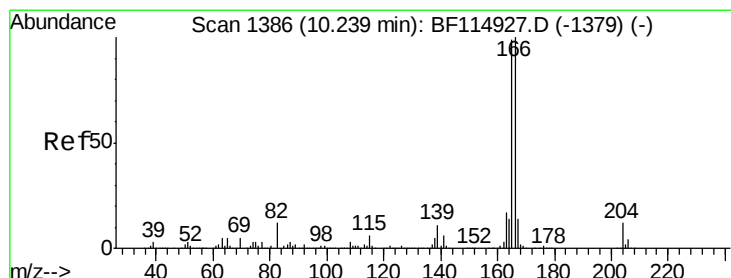
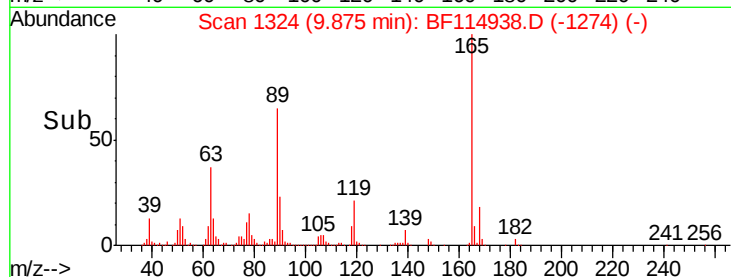
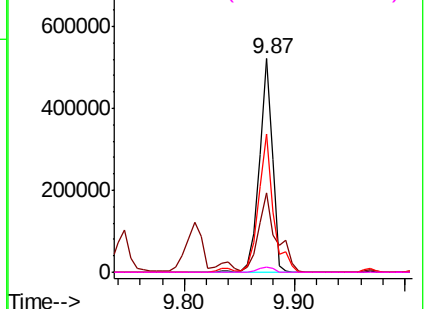
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	435574		
63	37.0	31.8	47.6	
89	65.0	54.2	81.2	
182	2.5	2.1	3.1	

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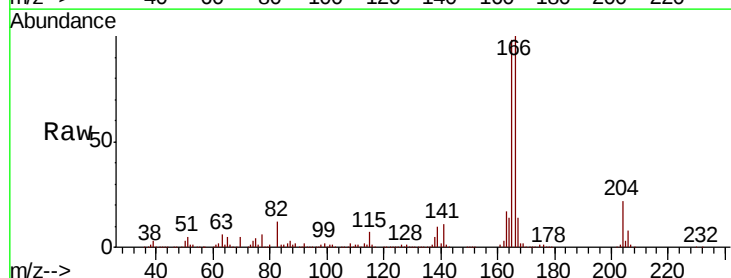


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

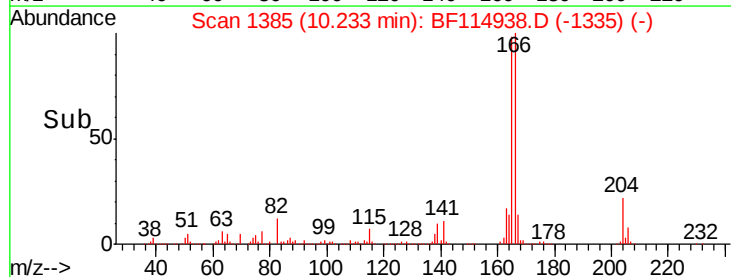
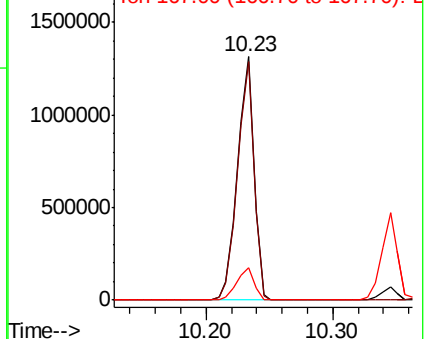


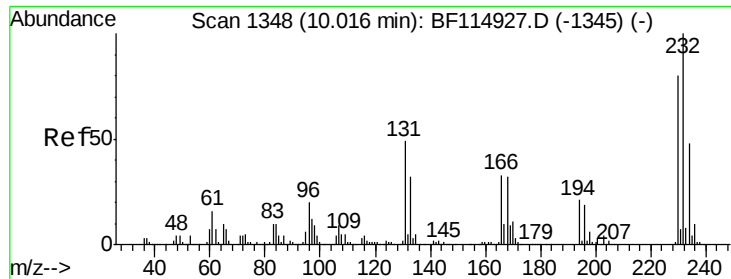
#58
Fluorene
Concen: 46.475 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1174440		
165	97.8	79.2	118.8	
167	13.5	11.0	16.6	



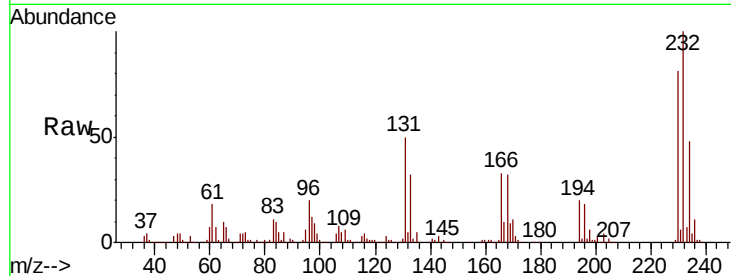
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.909 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

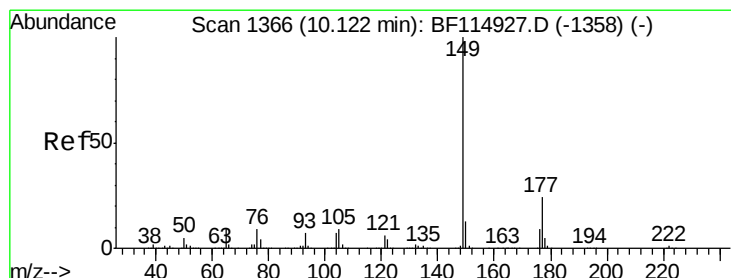
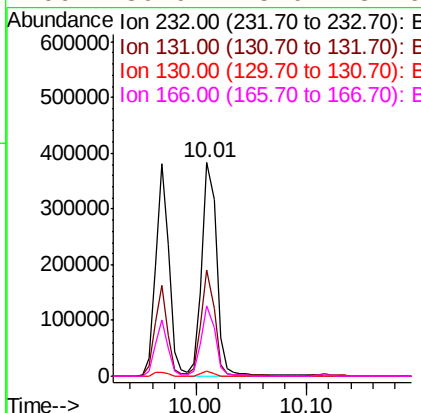
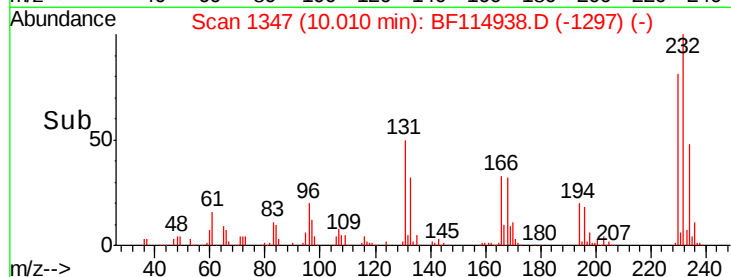
Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	347708		
131	45.9	37.0	55.4	
130	2.2	1.8	2.6	
166	30.9	25.0	37.6	

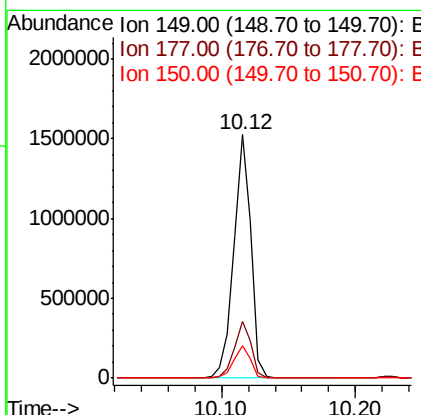
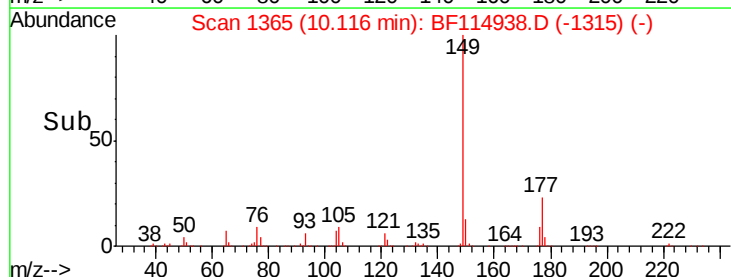
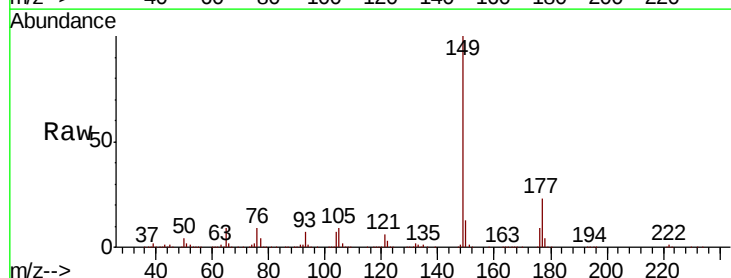
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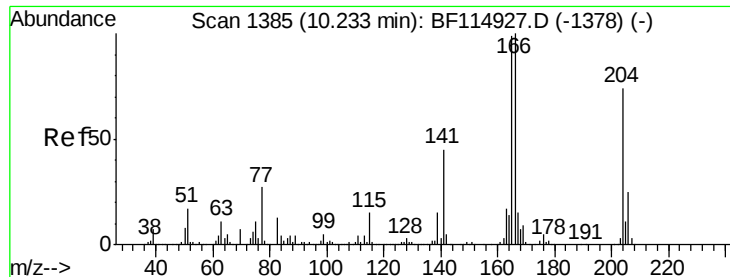
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#60
 Diethylphthalate
 Concen: 46.258 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1376364		
177	23.1	19.1	28.7	
150	13.1	10.6	16.0	





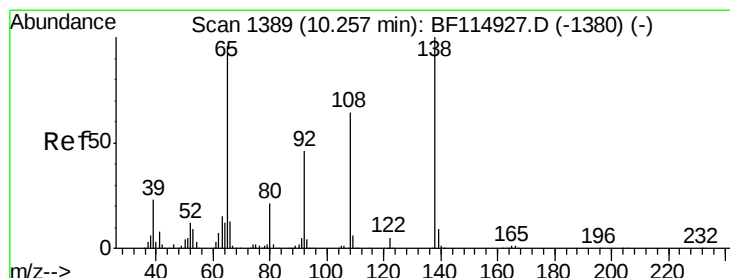
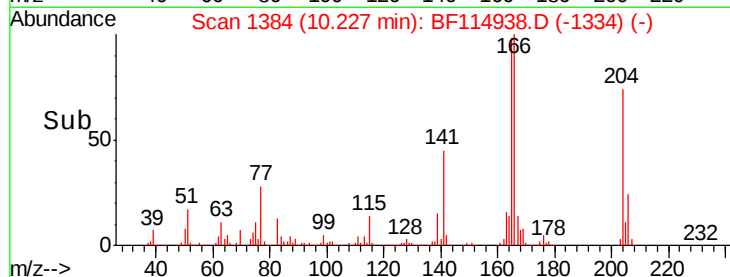
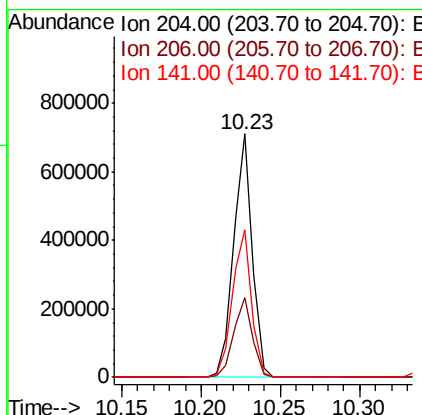
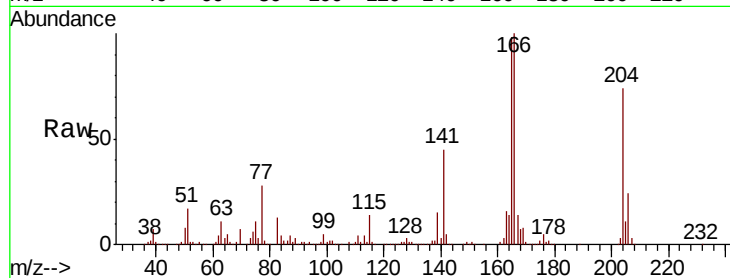
#61
4-Chlorophenyl-phenylether
Concen: 45.531 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.8	40.2
141	60.5	48.5	72.7

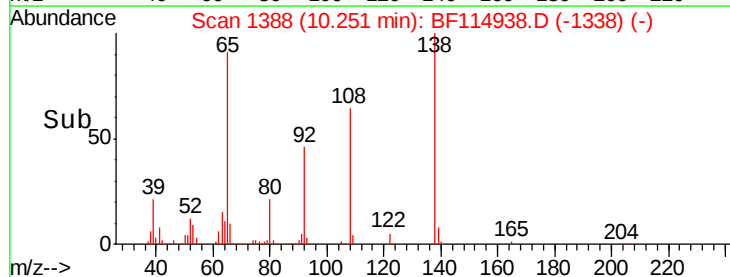
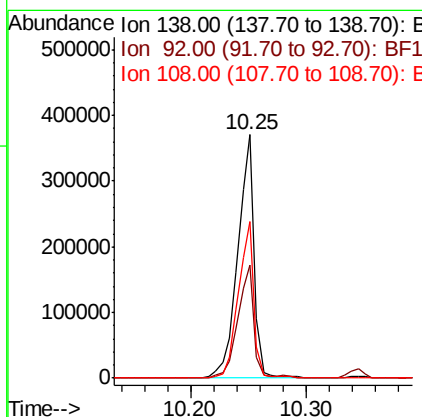
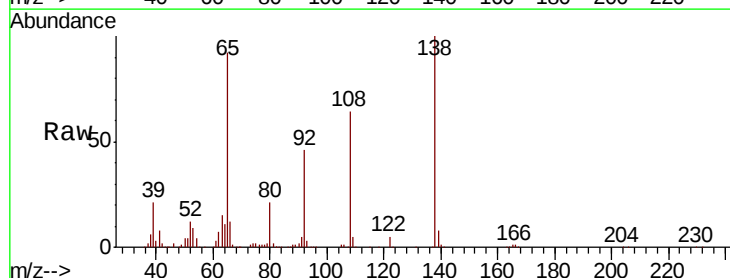
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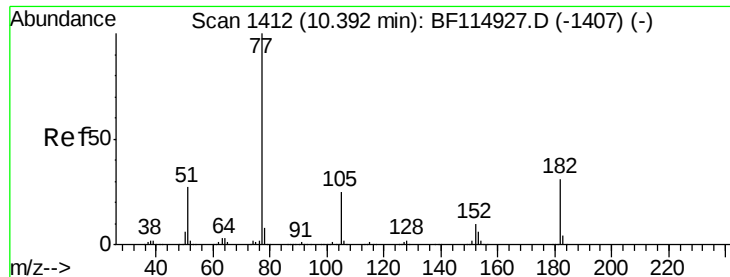
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#62
4-Nitroaniline
Concen: 42.162 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	26.0	66.0
108	64.2	44.0	84.0





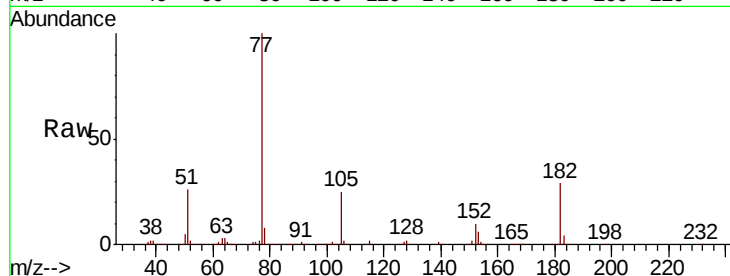
#63
Azobenzene
Concen: 47.381 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

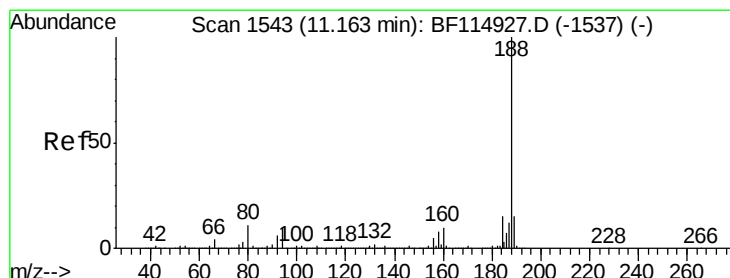
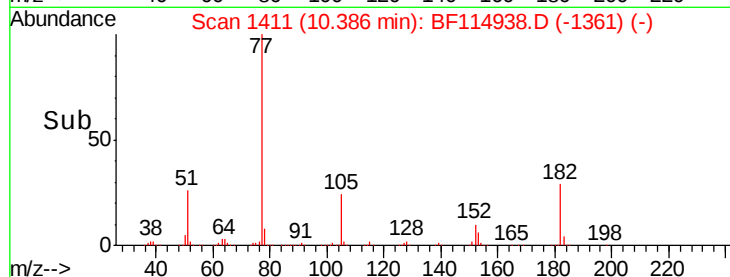
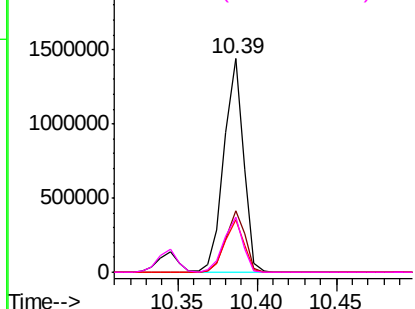
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	10.8	50.8
105	24.5	5.3	45.3
51	26.0	6.8	46.8

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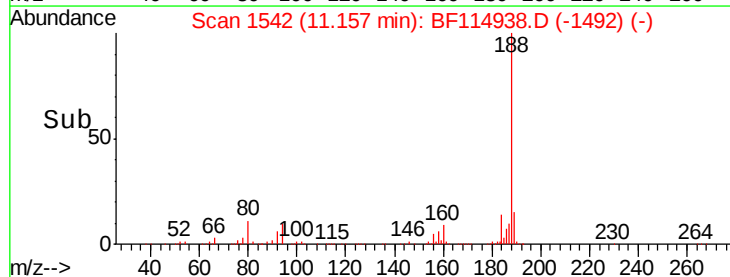
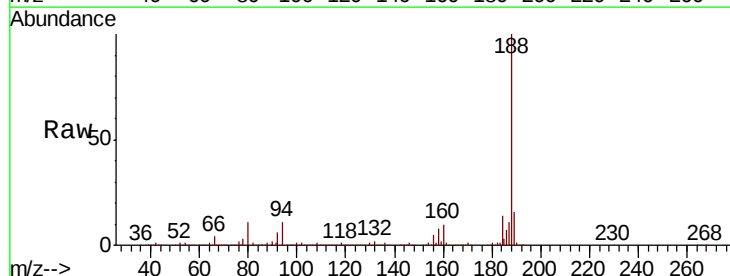
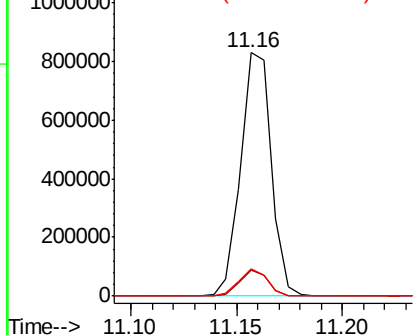
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

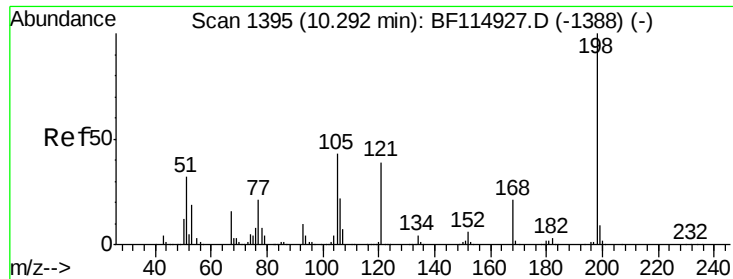


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.1	12.1
80	11.1	8.6	12.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.633 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

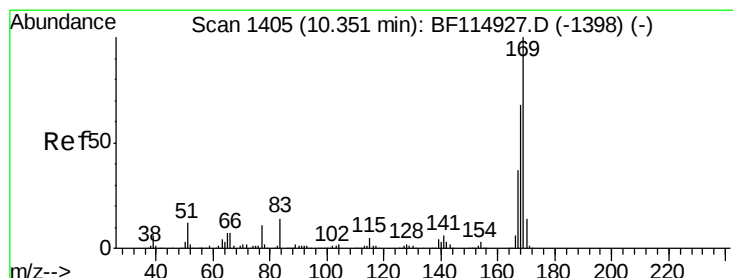
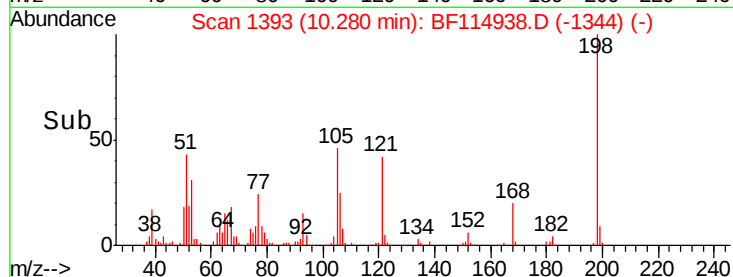
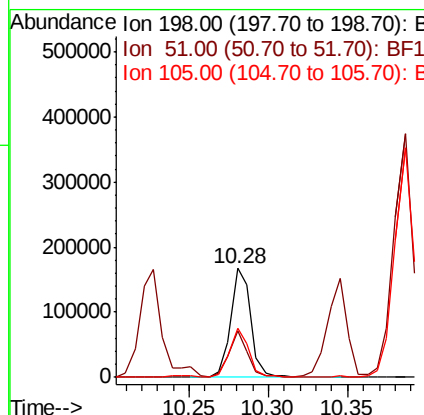
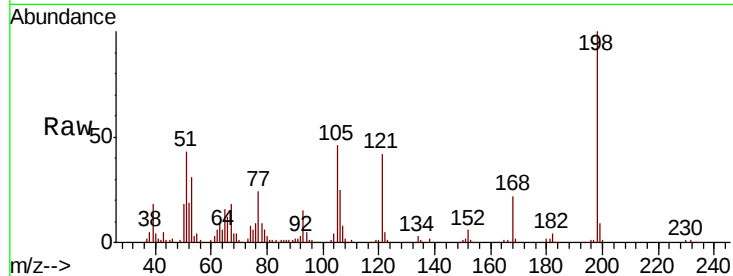
ClientSampleId :

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Tgt Ion:	198	Resp:	147929
Ion Ratio	Lower	Upper	
198	100		
51	42.7	16.8	56.8
105	45.7	23.5	63.5

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#66

n-Nitrosodiphenylamine

Concen: 45.645 ng

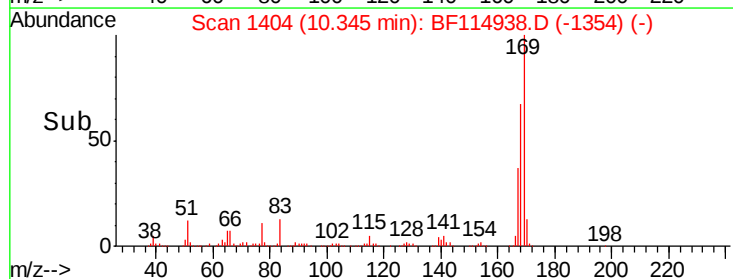
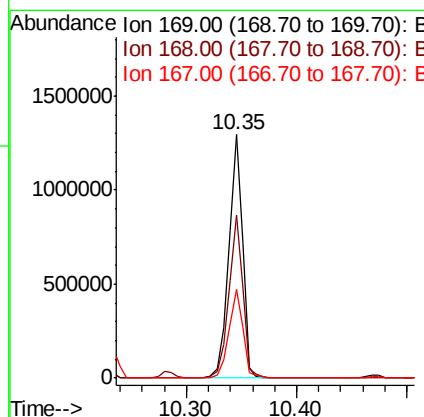
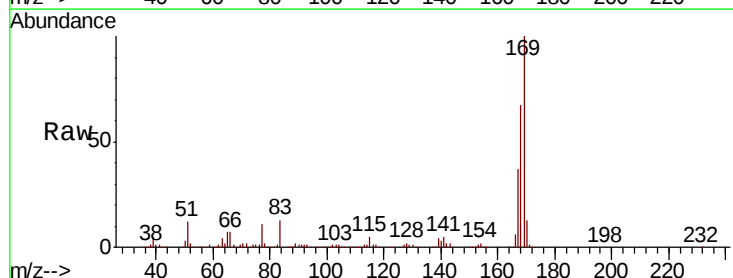
RT: 10.35 min Scan# 1404

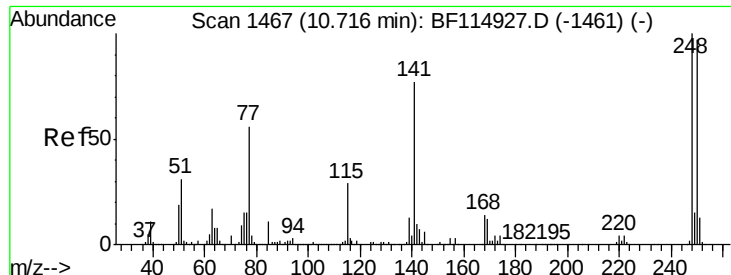
Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:	169	Resp:	1130821
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.2
167	36.7	29.4	44.2





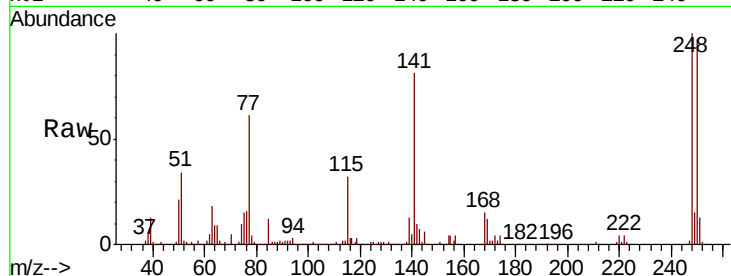
#67
4-Bromophenyl-phenylether
Concen: 43.161 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.0
141	80.7	61.8	92.6

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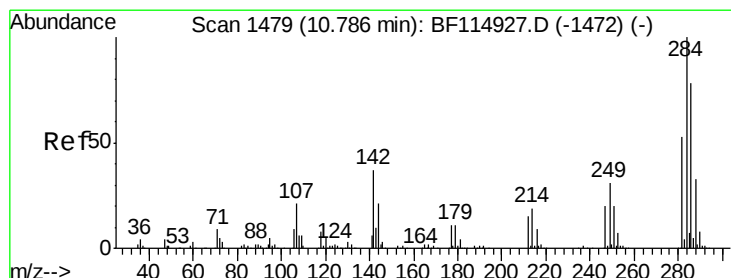
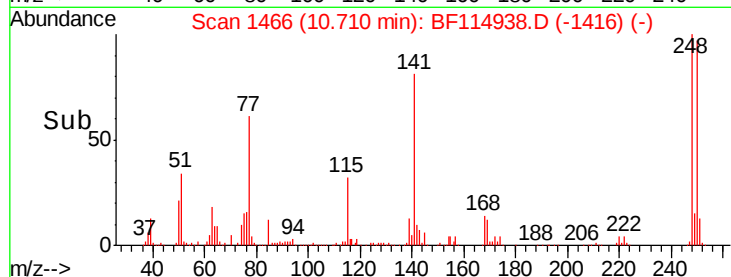
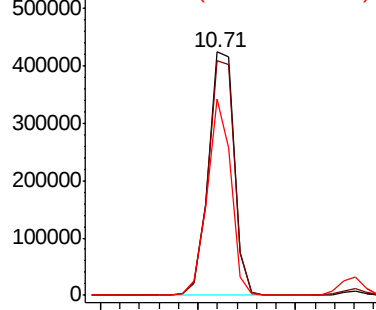


Abundance

Ion 248.00 (247.70 to 248.70): E

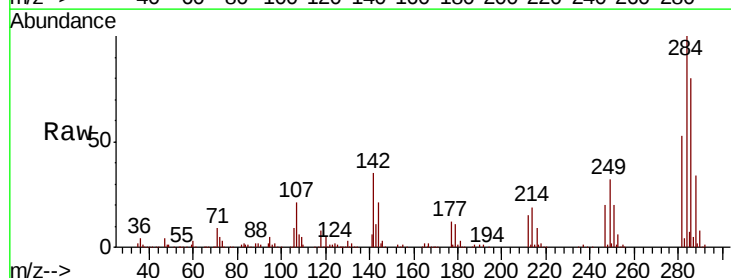
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.039 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	29.3	43.9
249	31.7	25.1	37.7

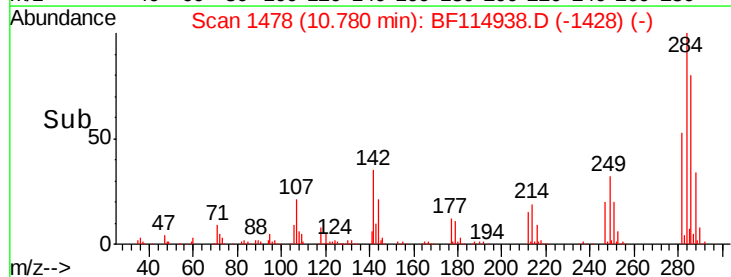
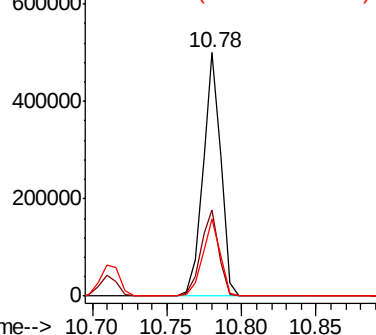


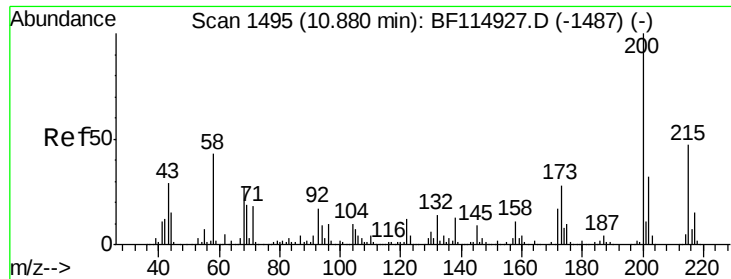
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





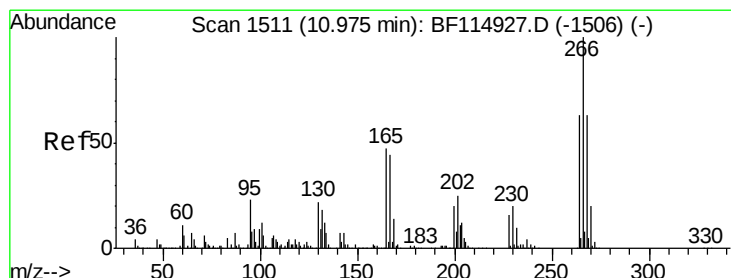
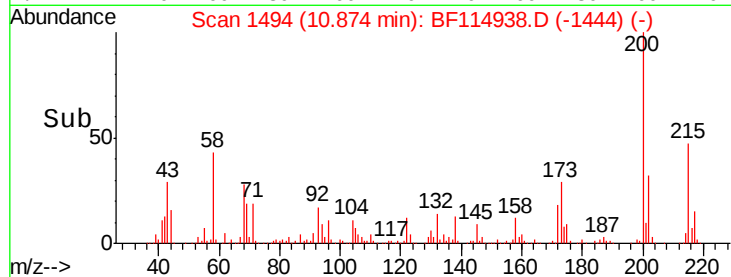
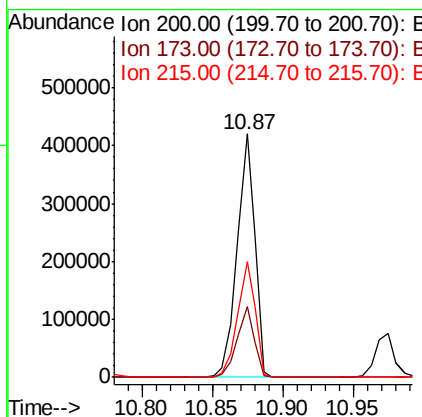
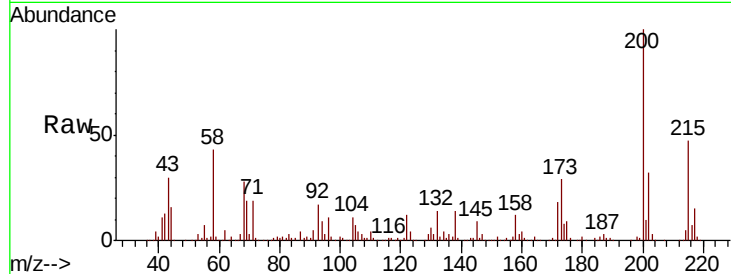
#69
Atrazine
Concen: 44.083 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	367994		
173	29.1	8.3	48.3	
215	47.4	26.6	66.6	

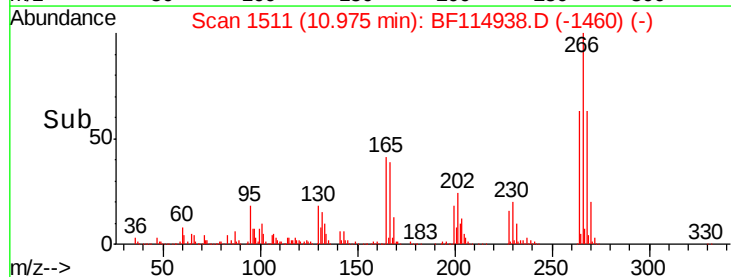
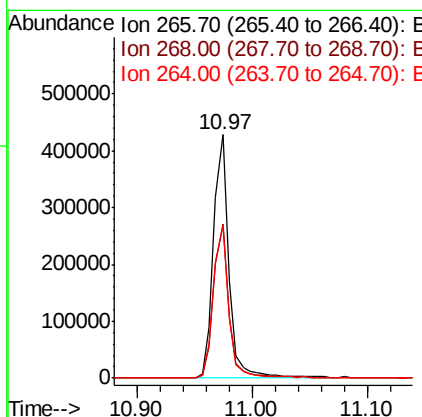
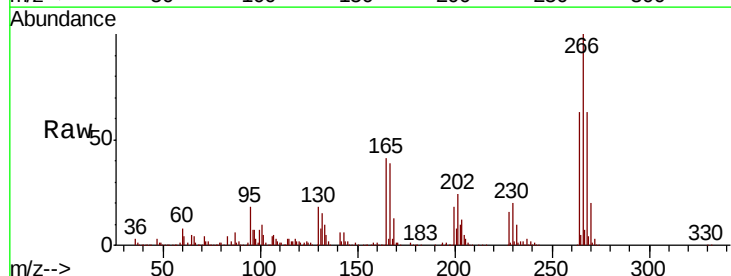
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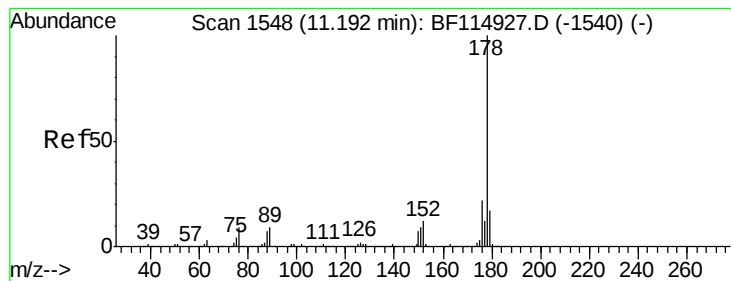
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#70
Pentachlorophenol
Concen: 71.283 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	398704		
268	63.2	50.8	76.2	
264	62.6	50.4	75.6	





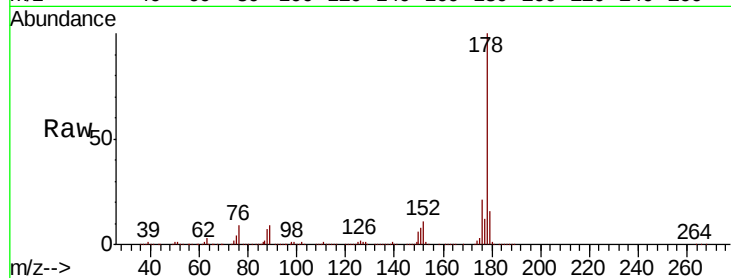
#71
Phenanthrene
Concen: 46.873 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

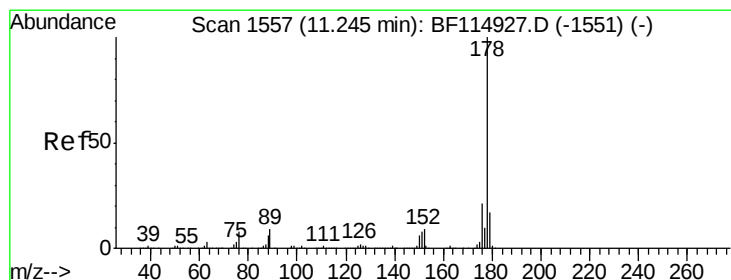
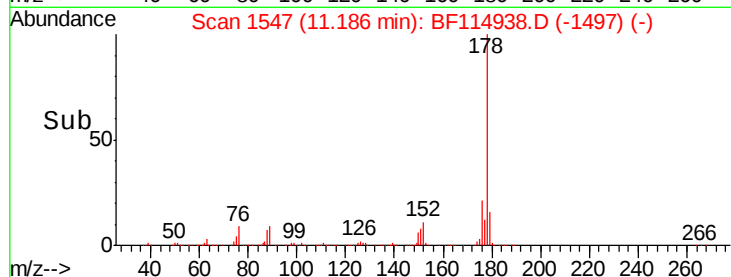
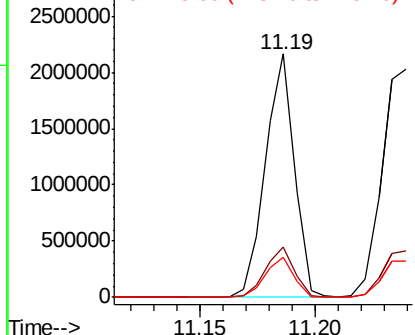
Tgt Ion:178 Resp: 1896379
Ion Ratio Lower Upper
178 100
176 20.9 17.4 26.2
179 16.3 13.6 20.4

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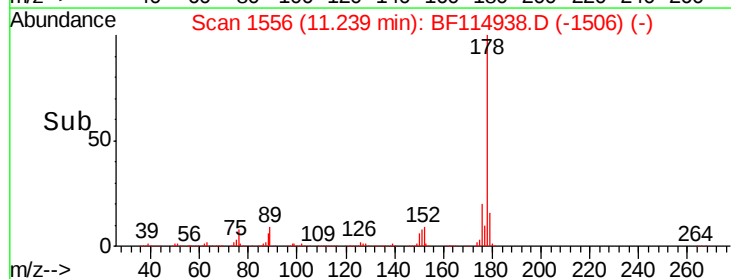
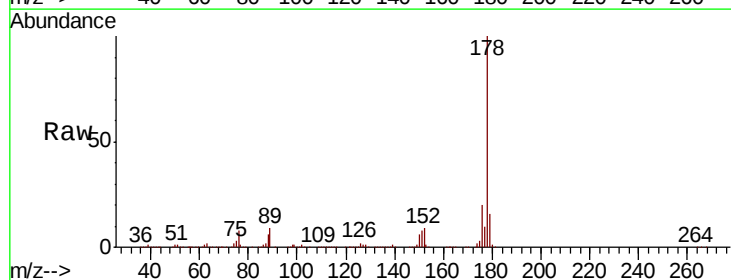
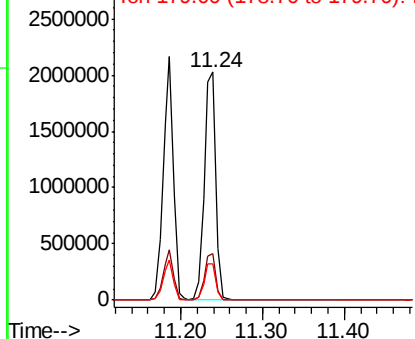
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

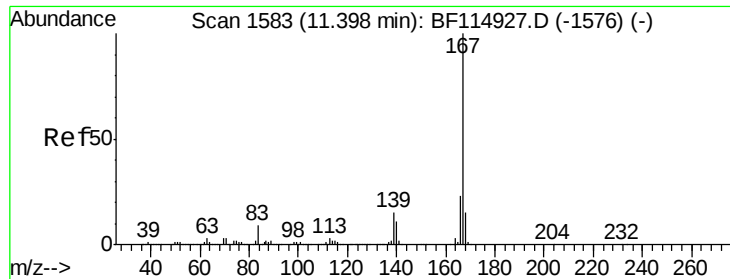


#72
Anthracene
Concen: 47.869 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:178 Resp: 1965695
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.1 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





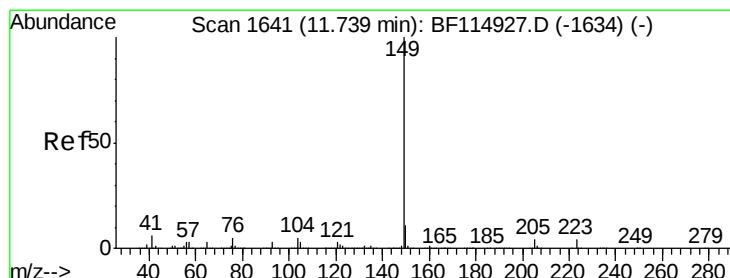
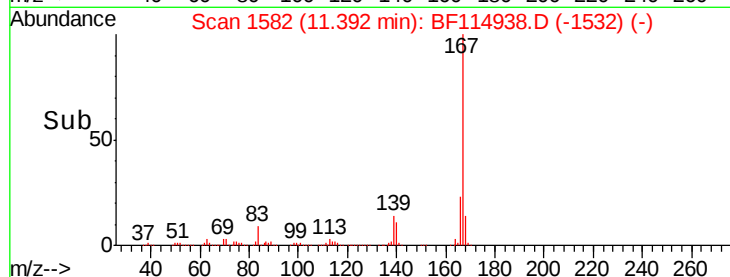
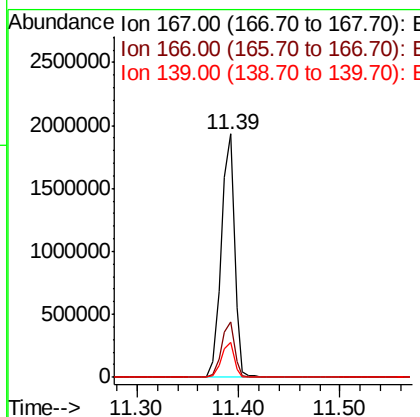
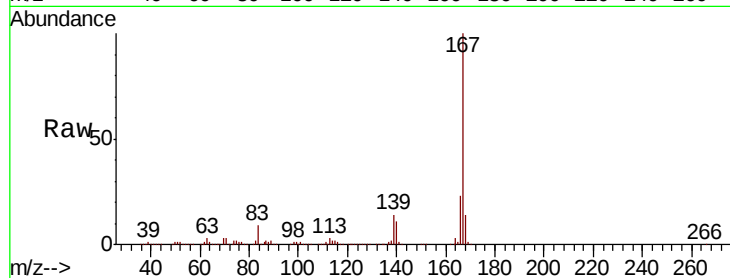
#73
 Carbazole
 Concen: 47.277 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.8	28.2
139	14.3	11.6	17.4

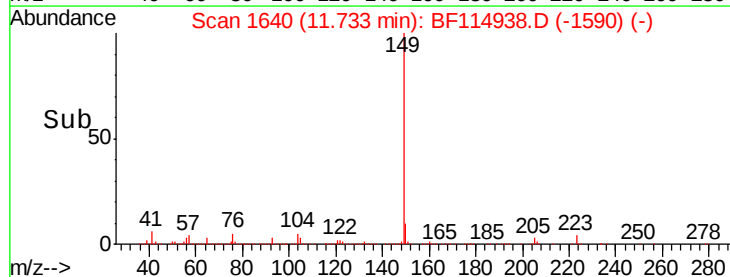
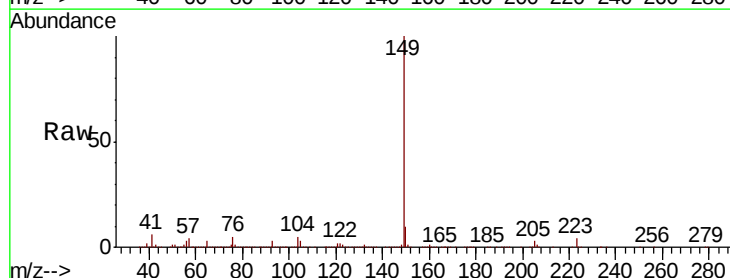
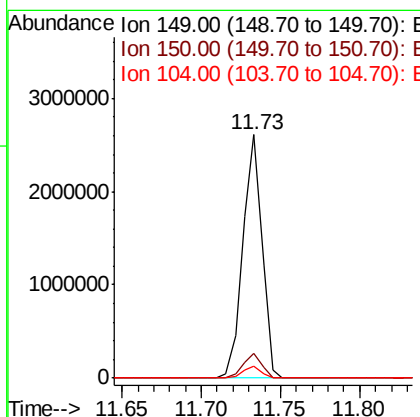
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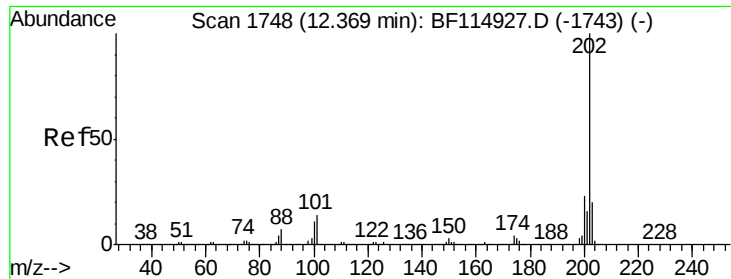
mohammad
 6/12/2019 9:03:30 AM



#74
 Di-n-butylphthalate
 Concen: 47.155 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.5	12.7
104	4.9	4.1	6.1





#75

Fluoranthene

Concen: 48.016 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

PB120177BSD

Tgt Ion: 202 Resp: 2009334

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.3

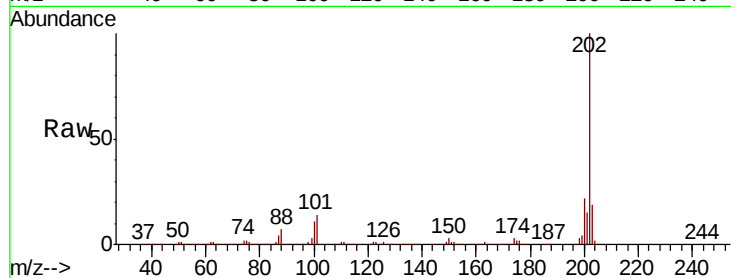
203 19.1 0.0 39.6

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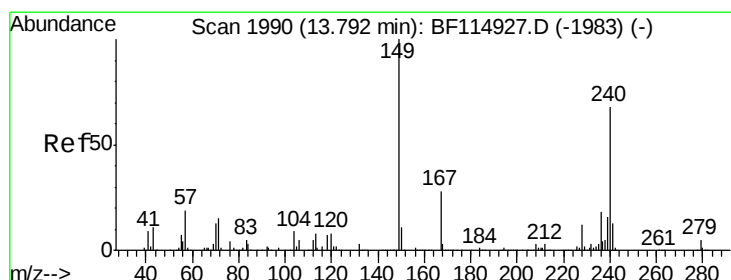
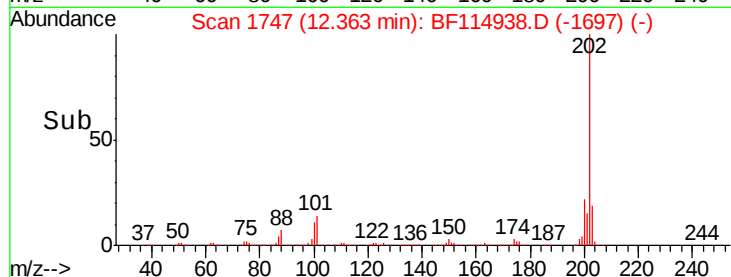
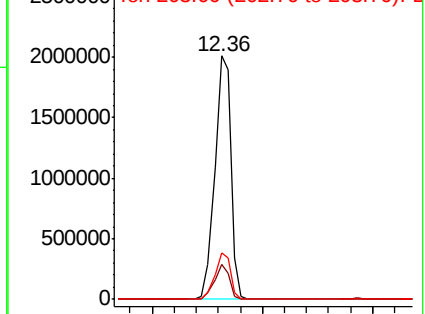


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

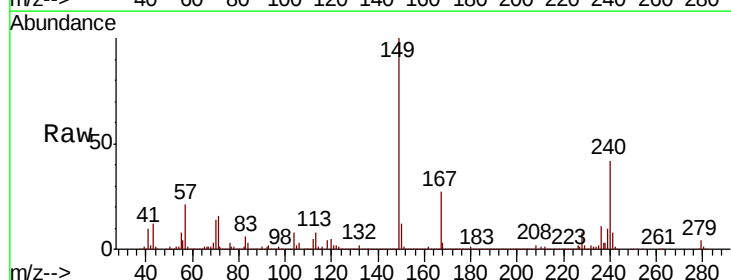
Tgt Ion: 240 Resp: 553143

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 26.8 21.7 32.5

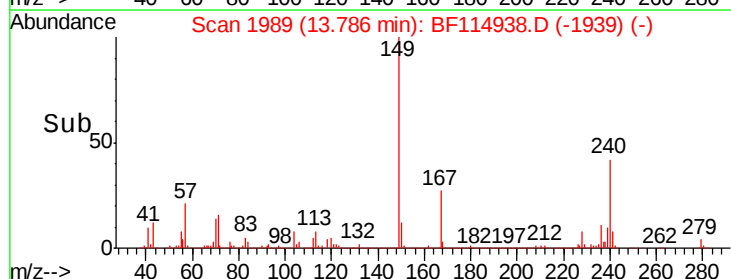
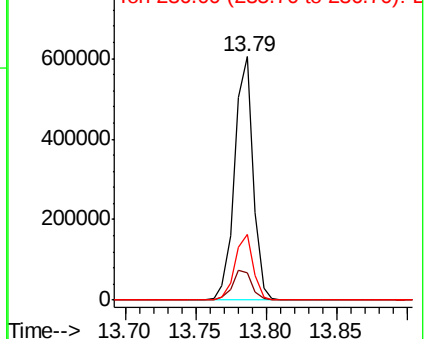


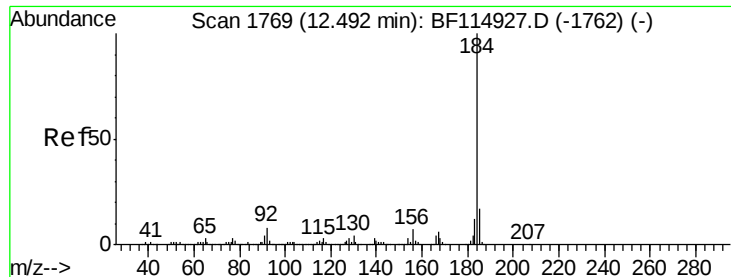
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.284 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

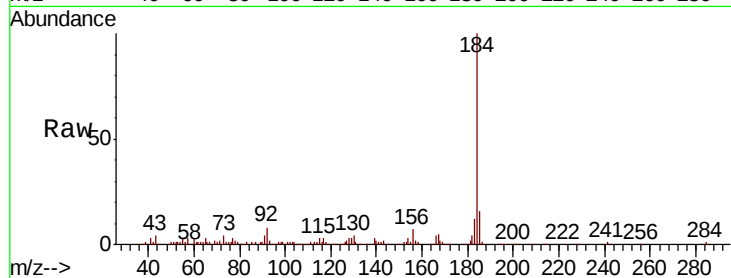
ClientSampleId :

PB120177BSD

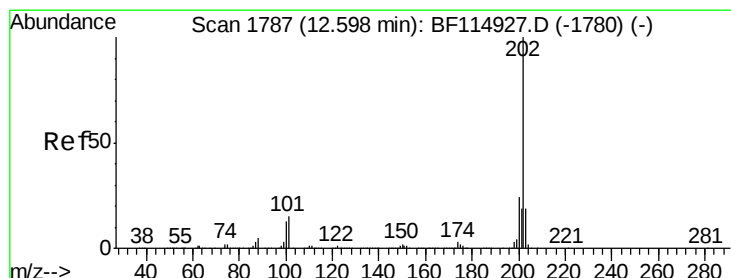
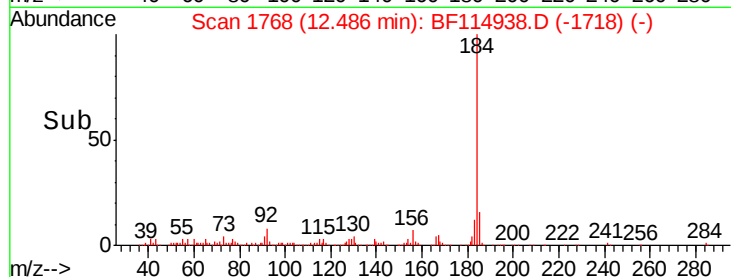
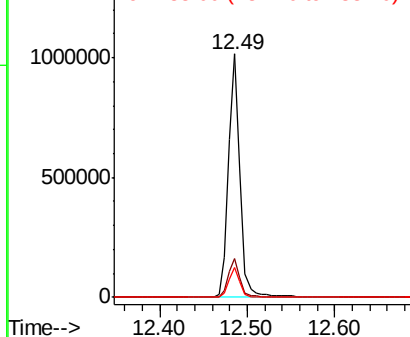
Tgt Ion:	184	Resp:	926737
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.4	20.0
183	12.1	9.8	14.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.104 ng

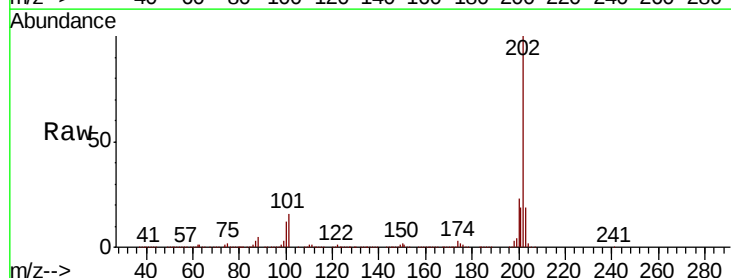
RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

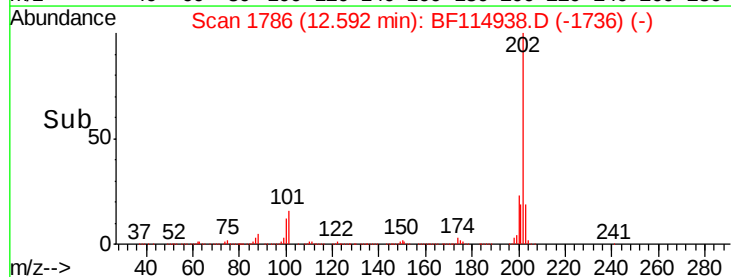
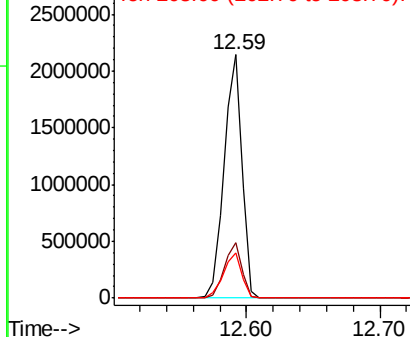
Lab File: BF114938.D

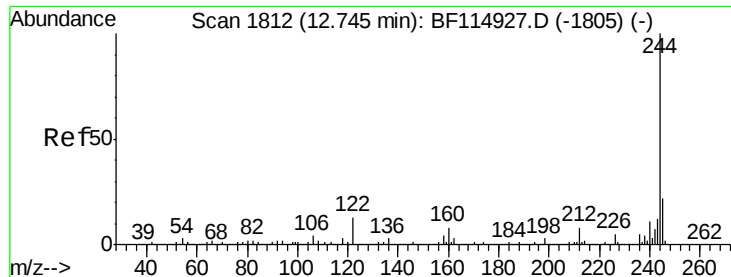
Acq: 11 Jun 2019 11:32

Tgt Ion:	202	Resp:	2028296
Ion Ratio	Lower	Upper	
202	100		
200	23.0	18.9	28.3
203	18.7	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.292 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

PB120177BSD

Tgt Ion:244 Resp: 2539200

Ion Ratio Lower Upper

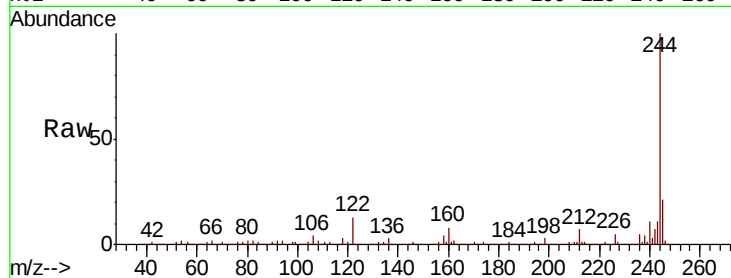
244 100

212 7.3 6.2 9.2

122 12.9 10.2 15.4

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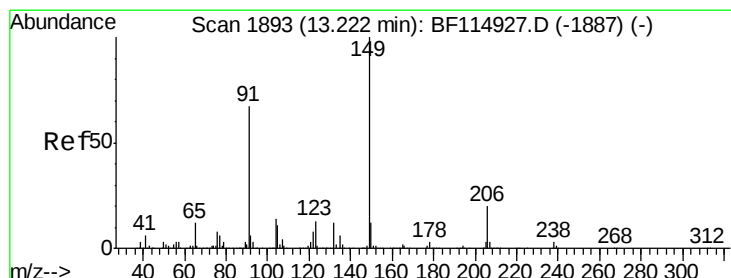
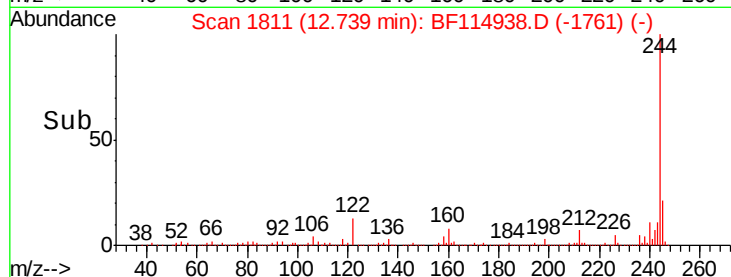
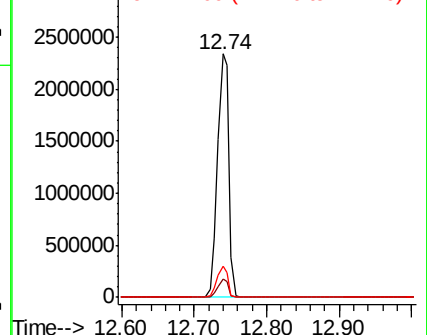


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.500 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

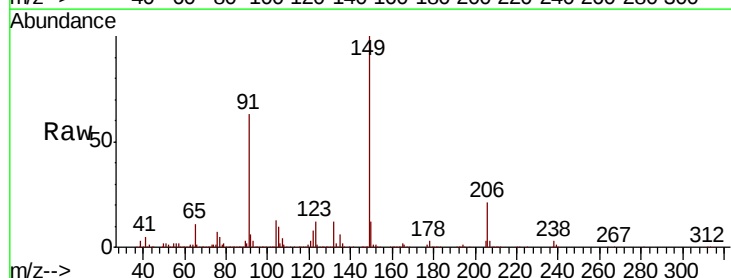
Tgt Ion:149 Resp: 1032395

Ion Ratio Lower Upper

149 100

91 62.7 53.8 80.8

206 21.0 16.3 24.5

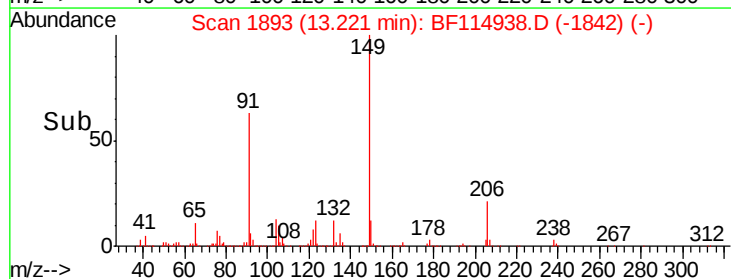
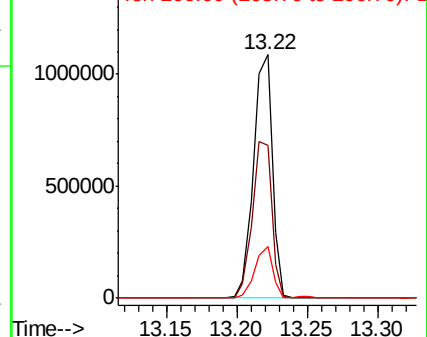


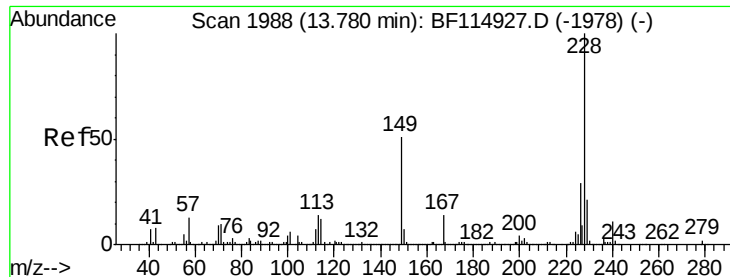
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





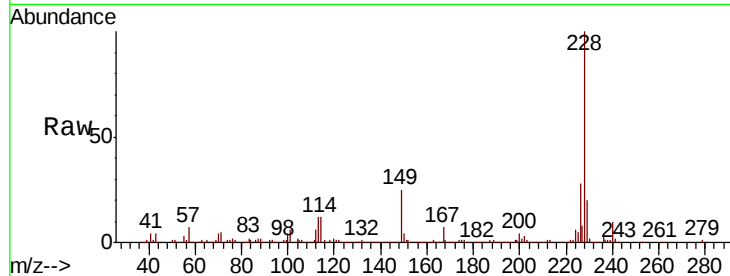
#81
Benzo(a)anthracene
Concen: 44.490 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.8	34.2
229	20.4	16.6	25.0

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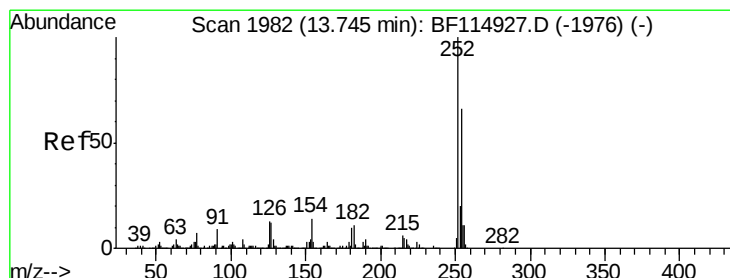
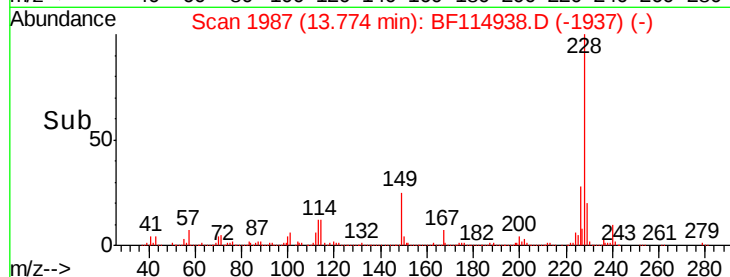
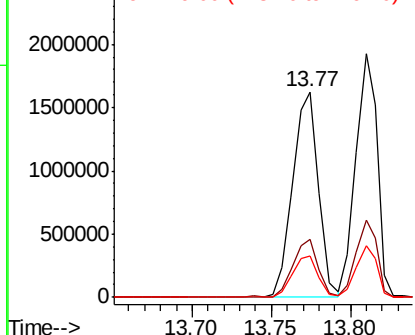


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 28.696 ng
RT: 13.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

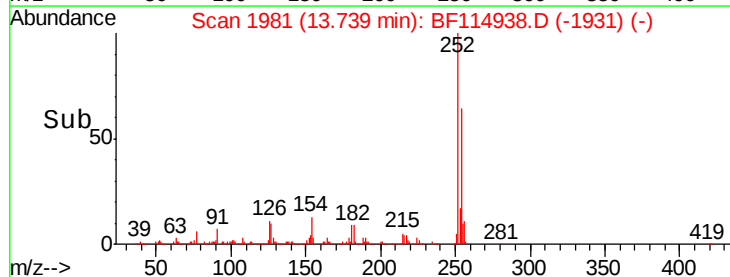
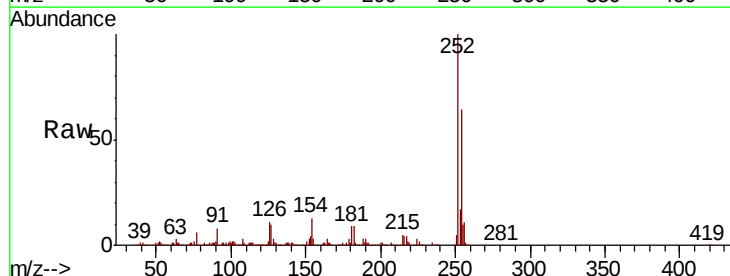
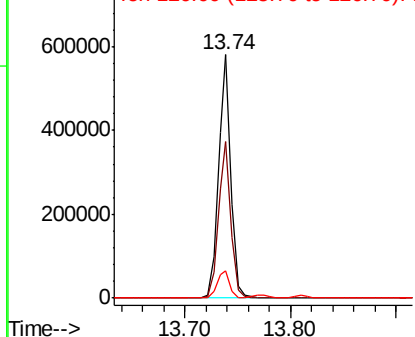
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	11.3	10.4	15.6

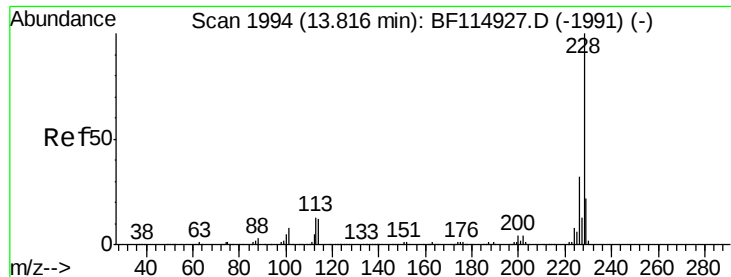
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





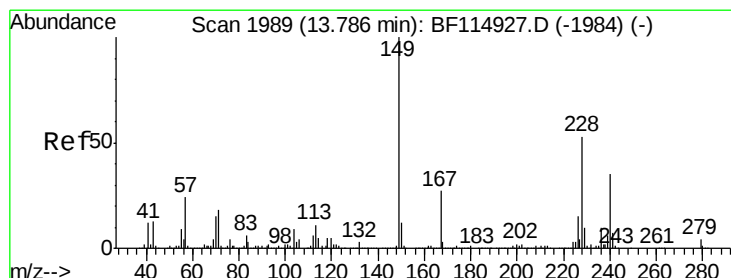
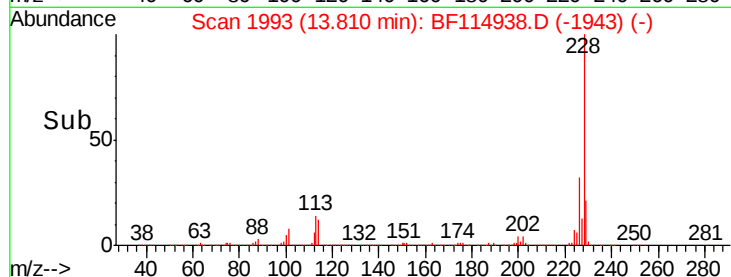
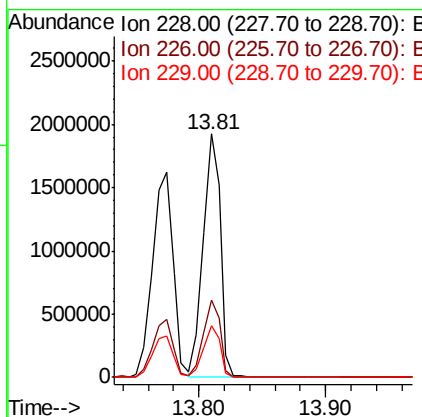
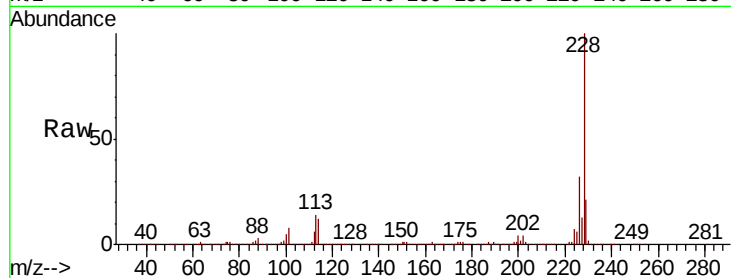
#83
Chrysene
Concen: 44.225 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion: 228 Resp: 1816369
Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.8
229 21.3 17.2 25.8

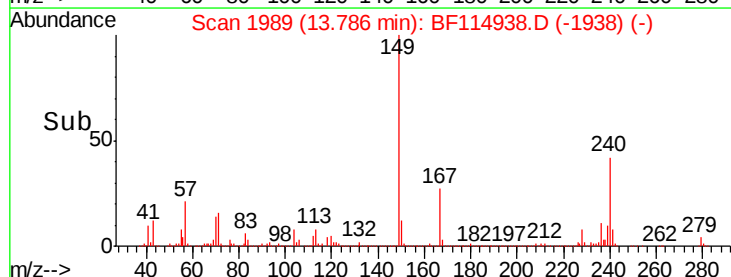
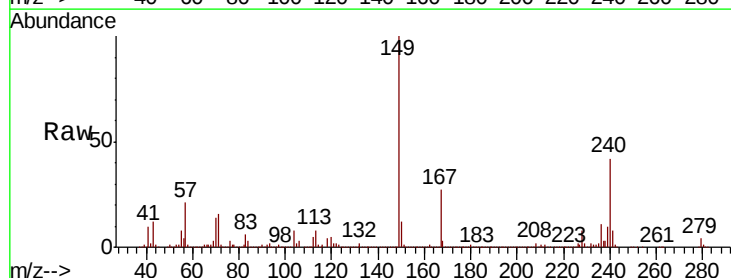
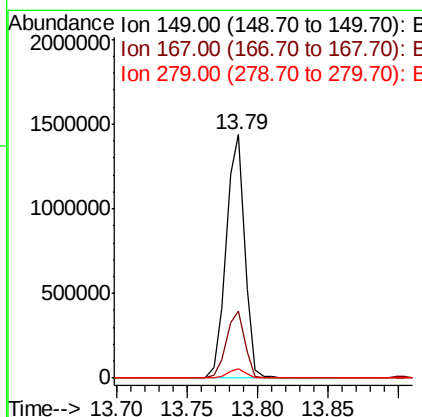
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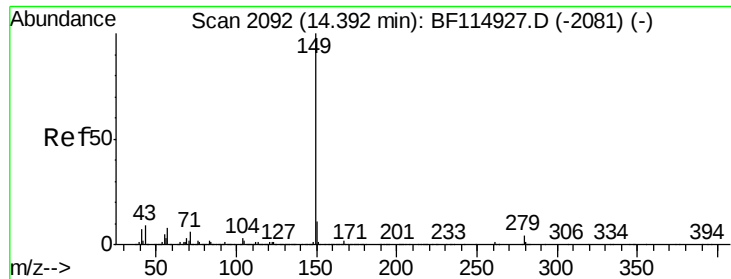
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.167 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion: 149 Resp: 1311020
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 45.769 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

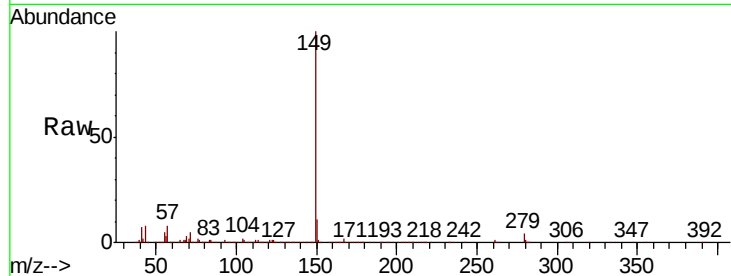
ClientSampleId :

PB120177BSD

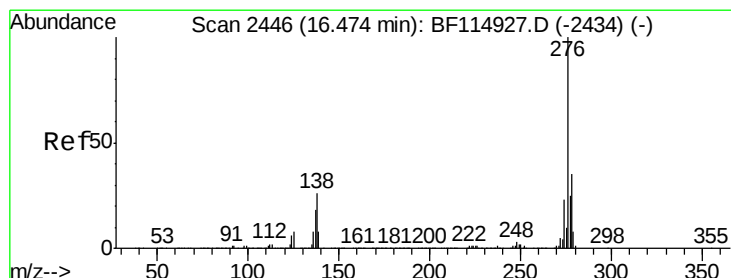
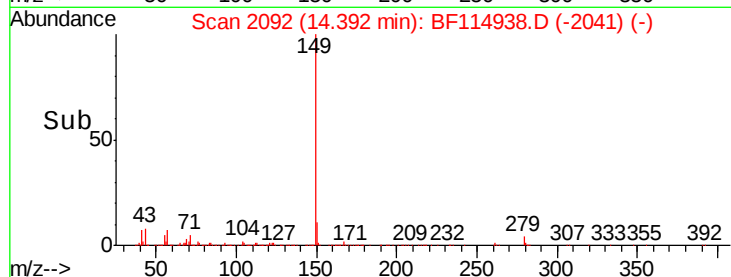
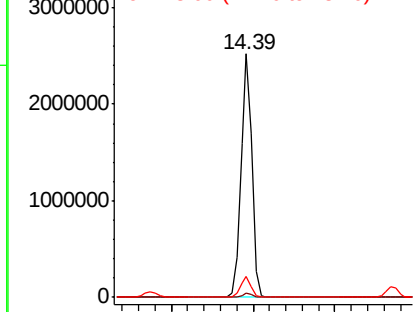
Tgt Ion:	149	Resp:	2323920
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	8.1	6.8	10.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.675 ng

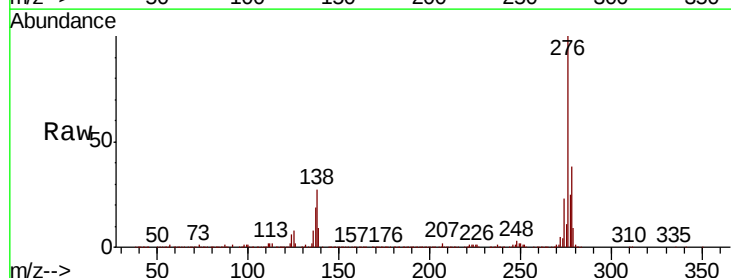
RT: 16.47 min Scan# 2445

Delta R.T. -0.01 min

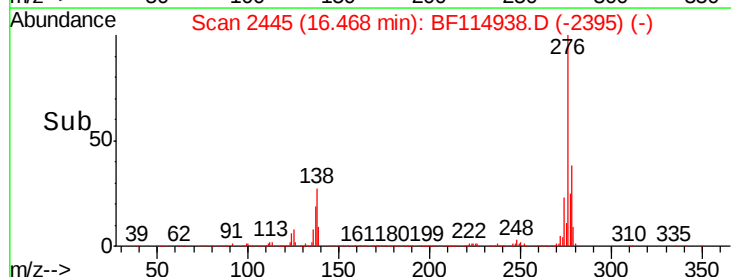
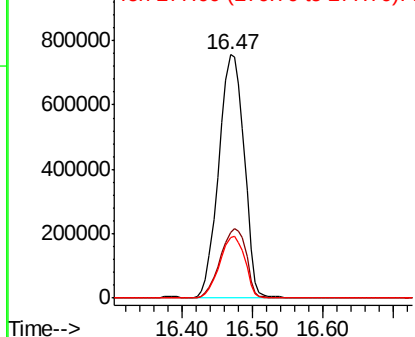
Lab File: BF114938.D

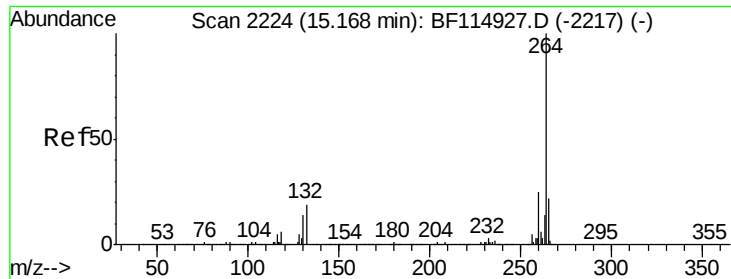
Acq: 11 Jun 2019 11:32

Tgt Ion:	276	Resp:	1879453
Ion Ratio	Lower	Upper	
276	100		
138	29.2	23.3	34.9
277	25.4	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





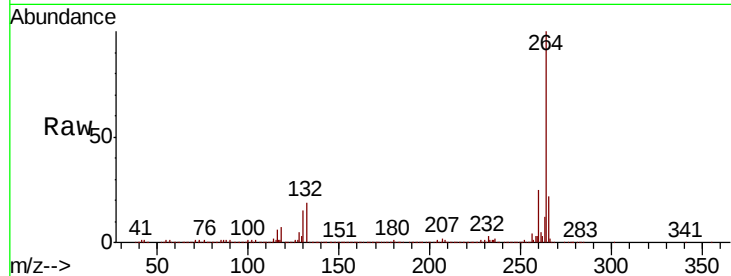
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.8	17.5	26.3

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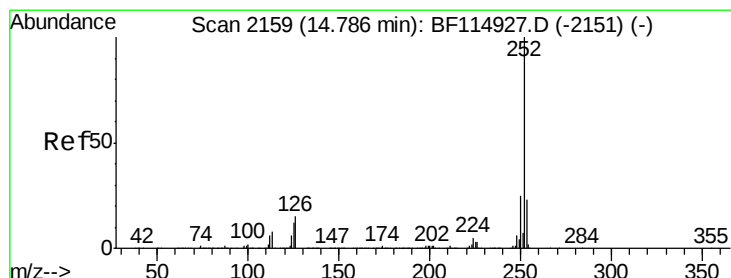
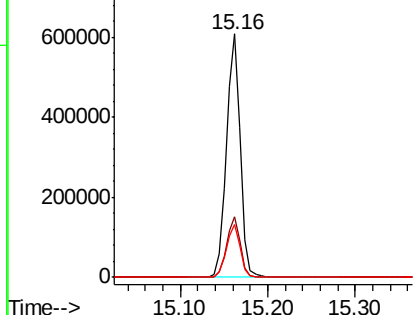
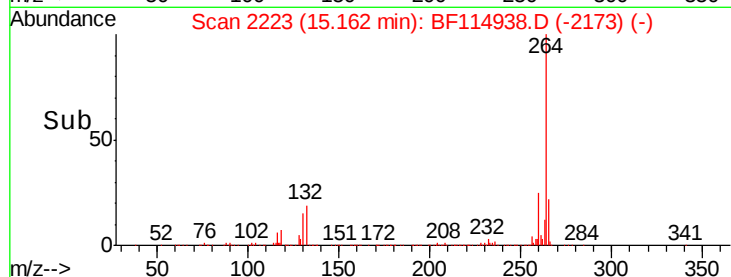


Abundance

Ion 264.00 (263.70 to 264.70): E

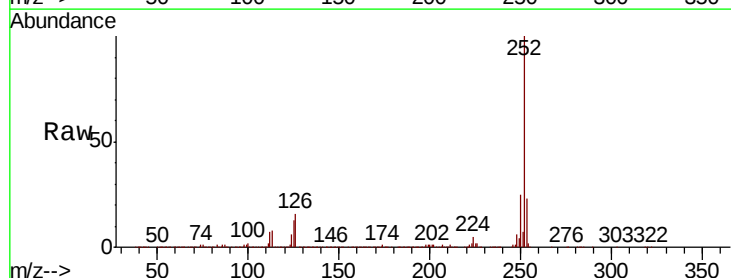
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
 Benzo(b)fluoranthene
 Concen: 41.503 ng
 RT: 14.78 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	12.5	9.5	14.3

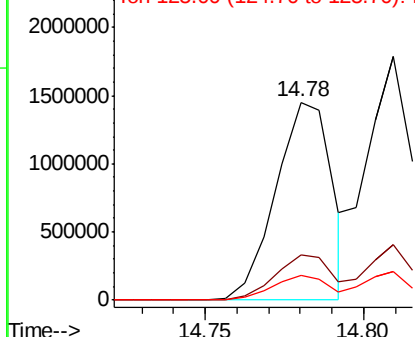
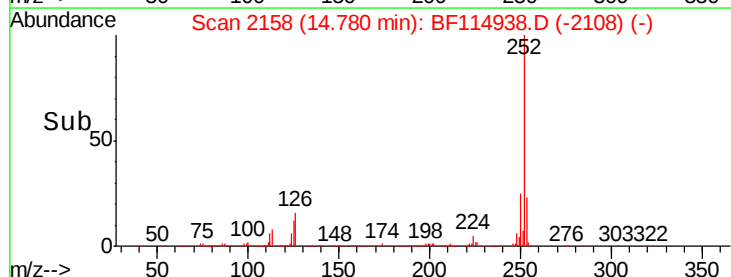


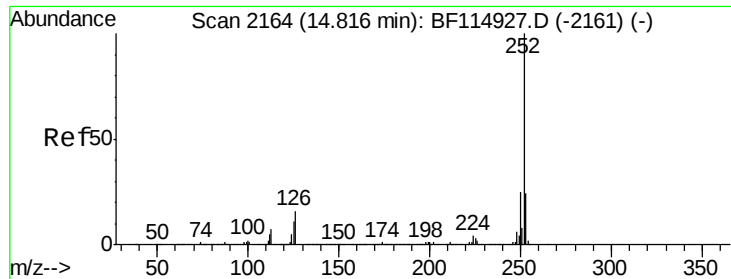
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





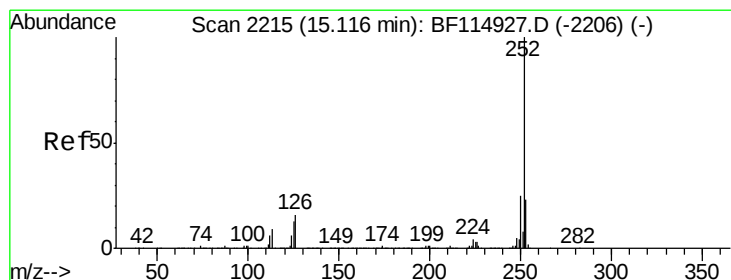
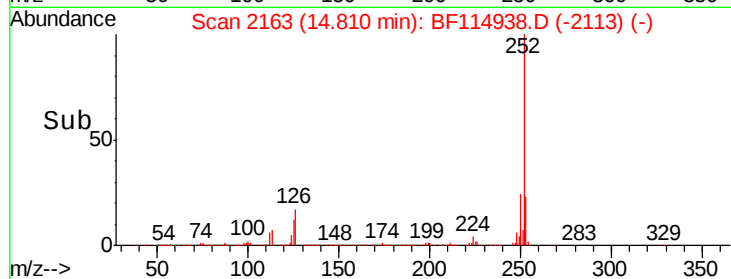
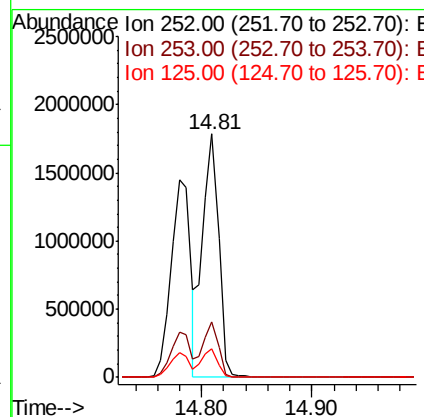
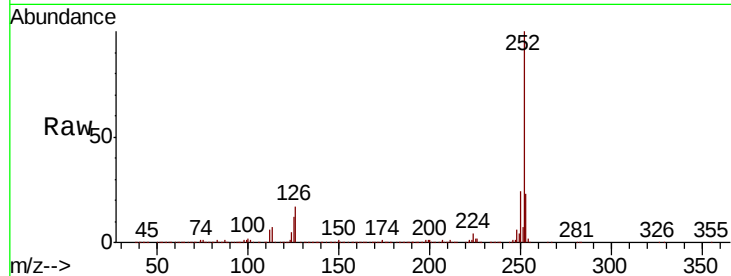
#89
Benzo(k)fluoranthene
Concen: 46.940 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :
PB120177BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	12.0	9.2	13.8

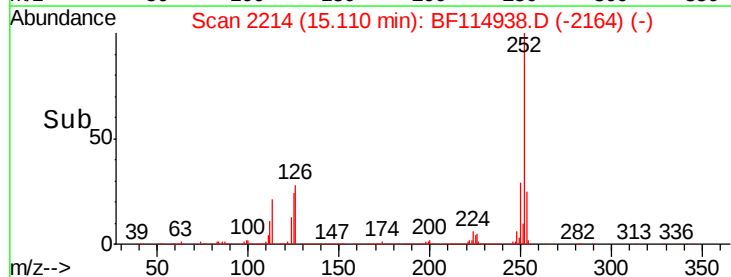
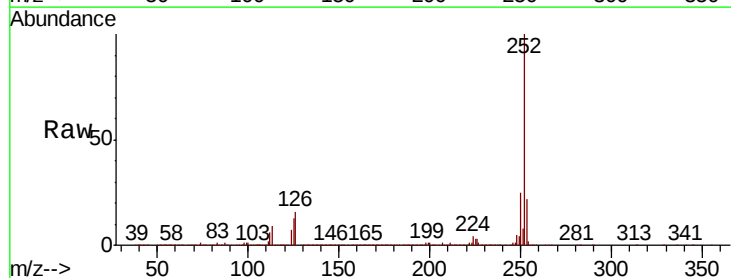
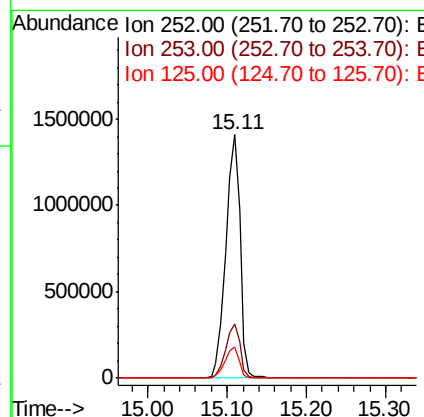
Manual Integrations
APPROVED

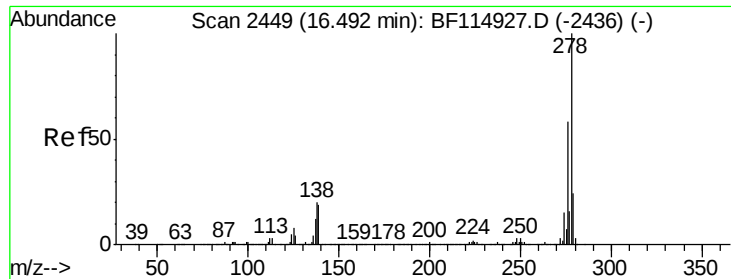
mohammad
6/12/2019 9:03:30 AM



#90
Benzo(a)pyrene
Concen: 46.599 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.6	10.1	15.1





#91
Dibenzo(a,h)anthracene
Concen: 48.635 ng
RT: 16.49 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

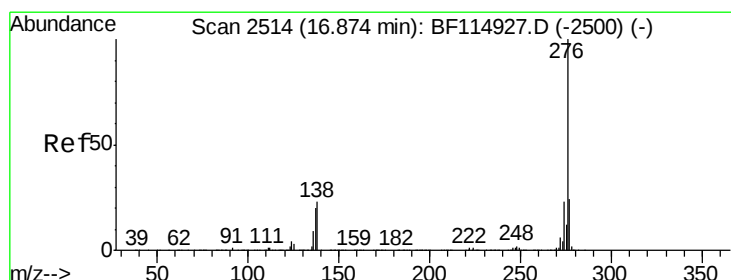
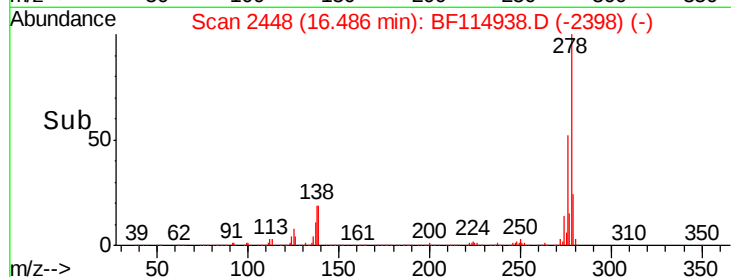
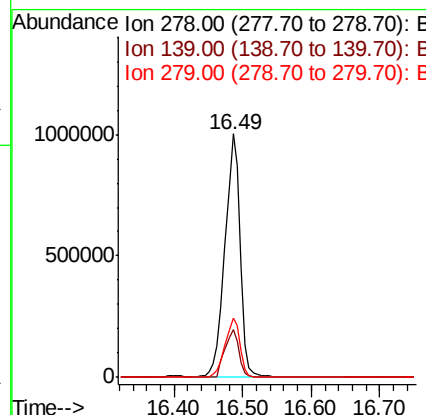
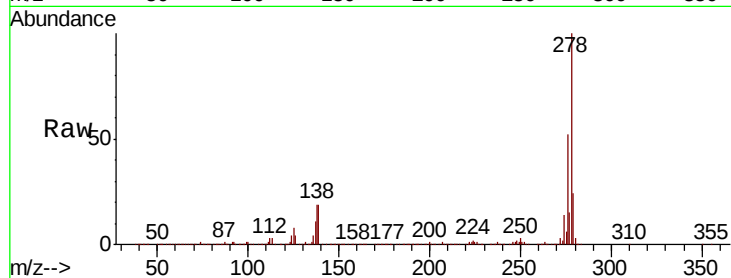
Instrument :
BNA_F
ClientSampled :
PB120177BSD

Tgt Ion: 278 Resp: 1543279

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.1	22.7
279	24.3	19.6	29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:03:30 AM



#92
Benzo(g,h,i)perylene
Concen: 50.831 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion: 276 Resp: 1607785

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	25.5	18.7	28.1

