

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114937.D
 Acq On : 11 Jun 2019 11:06
 Operator : HP/JU
 Sample : PB120177BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:03:27 AM

Quant Time: Jun 11 13:05:52 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	202865	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	796349	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	400694	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	821442	20.00	ng	0.00
76) Chrysene-d12	13.79	240	555653	20.00	ng	0.00
87) Perylene-d12	15.17	264	710267	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1425679	118.94	ng	0.00
7) Phenol-d6	6.30	99	1716790	118.74	ng	0.00
23) Nitrobenzene-d5	7.22	82	1074952	82.94	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	533695	122.44	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2134202	84.53	ng	0.00
79) Terphenyl-d14	12.74	244	2469093	88.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	238421	41.916	ng	98
3) Pyridine	3.00	79	637958	40.292	ng	99
4) n-Nitrosodimethylamine	2.93	42	238509	41.938	ng	100
6) Aniline	6.32	93	511388	26.112	ng	# 33
8) 2-Chlorophenol	6.45	128	617497	45.138	ng	99
9) Benzaldehyde	6.20	77	139637	15.090	ng	98
10) Phenol	6.32	94	699180	43.368	ng	87
11) bis(2-Chloroethyl)ether	6.40	93	576774	44.888	ng	98
12) 1,3-Dichlorobenzene	6.60	146	684268	43.098	ng	99
13) 1,4-Dichlorobenzene	6.67	146	687319	43.169	ng	100
14) 1,2-Dichlorobenzene	6.83	146	646253	44.720	ng	98
15) Benzyl Alcohol	6.80	79	482030	46.203	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	756615	42.816	ng	100
17) 2-Methylphenol	6.92	107	508174	44.364	ng	98
18) Hexachloroethane	7.17	117	248658	42.379	ng	95
19) n-Nitroso-di-n-propylamine	7.07	70	384196	42.495	ng	97
20) 3+4-Methylphenols	7.07	107	611354m	47.667	ng	
22) Acetophenone	7.07	105	826137	46.345	ng	96
24) Nitrobenzene	7.24	77	616594	45.731	ng	96
25) Isophorone	7.48	82	1126880	44.400	ng	98
26) 2-Nitrophenol	7.56	139	348166	46.480	ng	99
27) 2,4-Dimethylphenol	7.60	122	559673	51.059	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	718649	44.263	ng	99
29) 2,4-Dichlorophenol	7.80	162	538100	46.877	ng	96
30) 1,2,4-Trichlorobenzene	7.88	180	589032	44.713	ng	98
31) Naphthalene	7.96	128	1776122	48.404	ng	98
32) Benzoic acid	7.69	122	108101	13.203	ng	97
33) 4-Chloroaniline	8.01	127	433965	25.061	ng	98
34) Hexachlorobutadiene	8.09	225	320300	43.349	ng	99
35) Caprolactam	8.38	113	177384m	45.874	ng	
36) 4-Chloro-3-methylphenol	8.50	107	551745	47.324	ng	99
37) 2-Methylnaphthalene	8.65	142	1219248	48.897	ng	99
38) 1-Methylnaphthalene	8.75	142	1146673	48.623	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	519736	45.114	ng	99

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 BNA_F
 ClientSampleID :
 PB120177BS

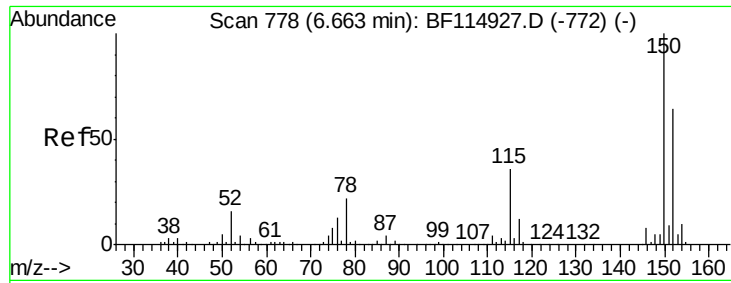
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 6/12/2019 9:03:27 AM

Quant Time: Jun 11 13:05:52 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)
41) Hexachlorocyclopentadiene	8.81	237	639977	97.728	ng	100
43) 2,4,6-Trichlorophenol	8.93	196	394743	45.124	ng	97
44) 2,4,5-Trichlorophenol	8.97	196	418597	46.407	ng	98
46) 1,1'-Biphenyl	9.12	154	1451111	48.407	ng	98
47) 2-Chloronaphthalene	9.13	162	1153921	45.599	ng	98
48) 2-Nitroaniline	9.23	65	330994	42.970	ng	92
49) Acenaphthylene	9.55	152	1813326	48.626	ng	98
50) Dimethylphthalate	9.42	163	1354104	44.963	ng	99
51) 2,6-Dinitrotoluene	9.47	165	316190	45.711	ng	96
52) Acenaphthene	9.72	154	1063911	47.092	ng	100
53) 3-Nitroaniline	9.64	138	274871	33.092	ng	96
54) 2,4-Dinitrophenol	9.75	184	172249	50.313	ng	95
55) Dibenzofuran	9.89	168	1580937	49.021	ng	97
56) 4-Nitrophenol	9.82	139	548493	92.653	ng	100
57) 2,4-Dinitrotoluene	9.87	165	427178	48.857	ng	98
58) Fluorene	10.23	166	1152727	46.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	346213	47.479	ng	99
60) Diethylphthalate	10.12	149	1360837	46.492	ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	563010	45.238	ng	99
62) 4-Nitroaniline	10.25	138	366826	43.093	ng	100
63) Azobenzene	10.39	77	1198575	47.046	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	149297	32.409	ng	93
66) n-Nitrosodiphenylamine	10.35	169	1106173	45.326	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	383426	43.093	ng	92
68) Hexachlorobenzene	10.78	284	416530	42.392	ng	100
69) Atrazine	10.87	200	362599	44.094	ng	99
70) Pentachlorophenol	10.97	266	394503	71.600	ng	98
71) Phenanthrene	11.19	178	1856044	46.571	ng	98
72) Anthracene	11.24	178	1935155	47.839	ng	99
73) Carbazole	11.39	167	1738000	47.191	ng	99
74) Di-n-butylphthalate	11.73	149	2153602	47.316	ng	99
75) Fluoranthene	12.37	202	1968388	47.750	ng	96
77) Benzidine	12.49	184	863742	35.520	ng	# 95
78) Pyrene	12.59	202	1950137	40.298	ng	99
80) Butylbenzylphthalate	13.22	149	1016326	42.630	ng	97
81) Benzo(a)anthracene	13.77	228	1792898	43.638	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	447234	26.668	ng	98
83) Chrysene	13.81	228	1828703	44.324	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1290551	46.221	ng	99
85) Di-n-octyl phthalate	14.40	149	2186842	42.875	ng	# 9
86) Indeno(1,2,3-cd)pyrene	16.48	276	2051950	52.903	ng	99
88) Benzo(b)fluoranthene	14.79	252	1908582	41.275	ng	99
89) Benzo(k)fluoranthene	14.82	252	1832503	45.664	ng	99
90) Benzo(a)pyrene	15.12	252	1840213	45.818	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1671360	49.265	ng	99
92) Benzo(g,h,i)perylene	16.87	276	1724886	51.006	ng	97

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



#1

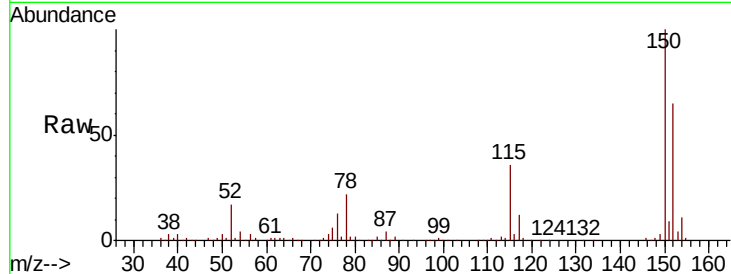
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	202865		
150	154.2	125.2	187.8	
115	56.1	45.0	67.4	

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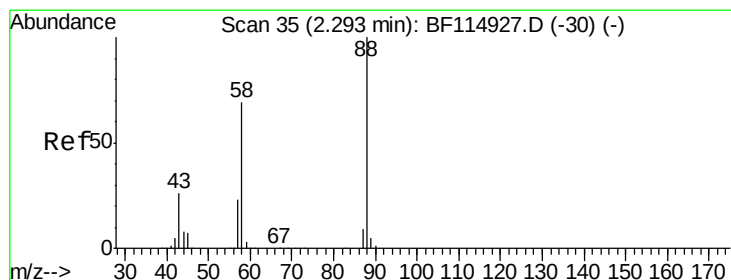
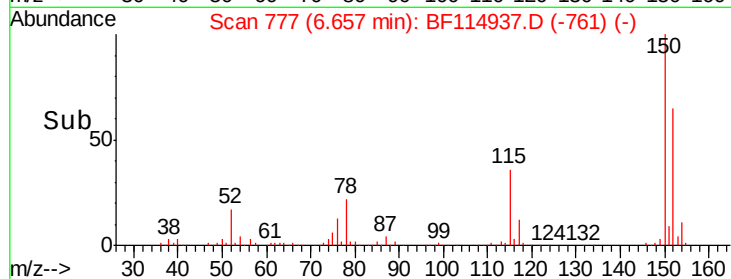
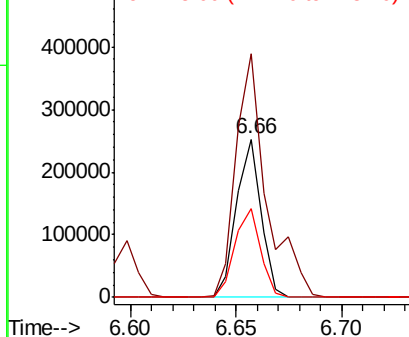


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

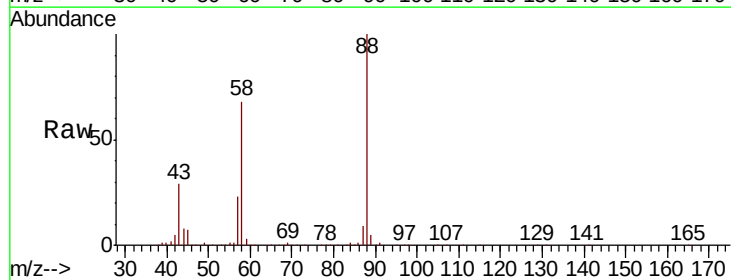
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.916 ng
RT: 2.31 min Scan# 38
Delta R.T. 0.02 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	238421		
58	67.2	54.2	81.2	
43	28.0	20.6	30.8	

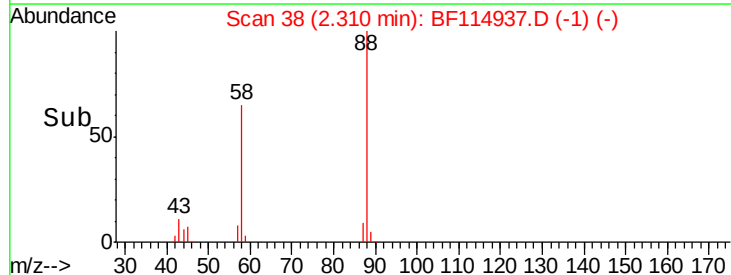
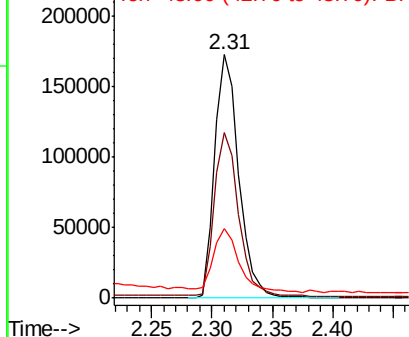


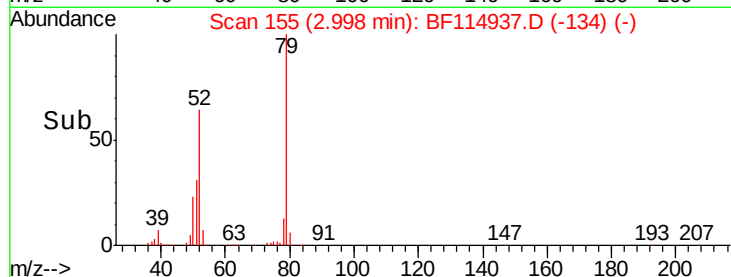
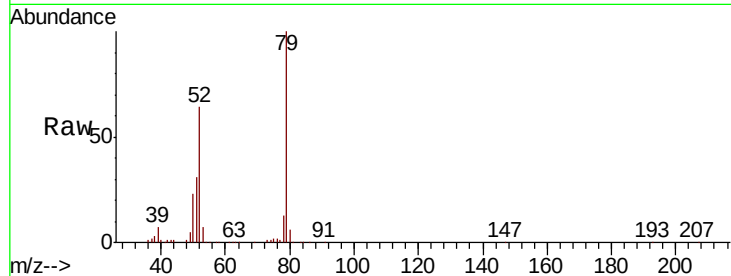
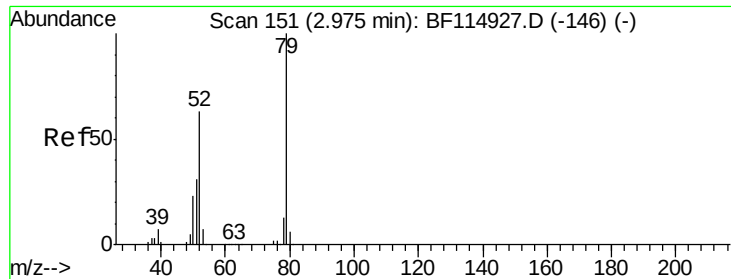
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





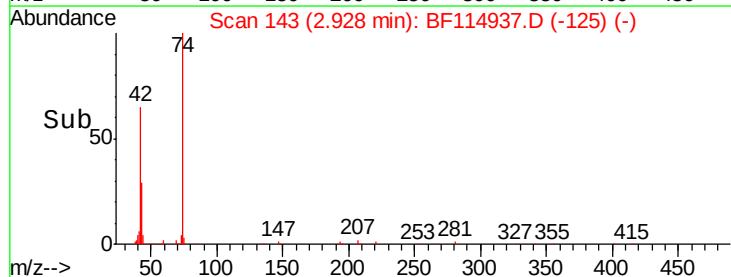
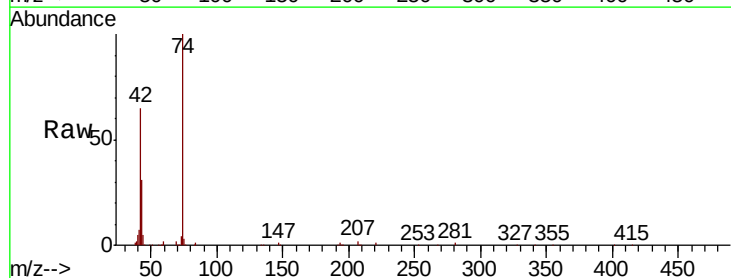
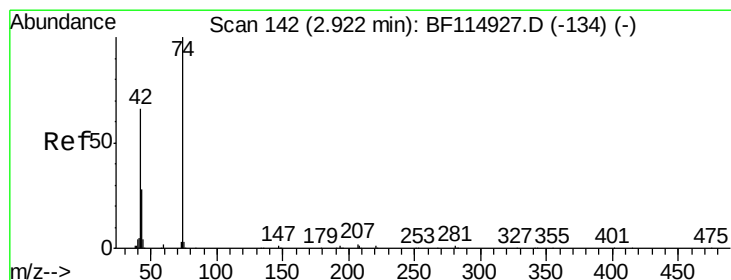
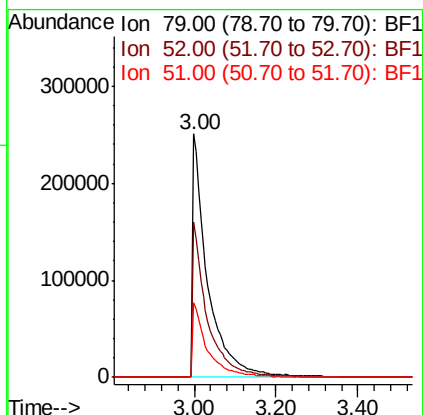
#3
Pyridine
Concen: 40.292 ng
RT: 3.00 min Scan# 155
Delta R.T. 0.02 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.7	50.2	75.2
51	30.6	24.6	37.0

Instrument :
BNA_F
ClientSampleId :
PB120177BS

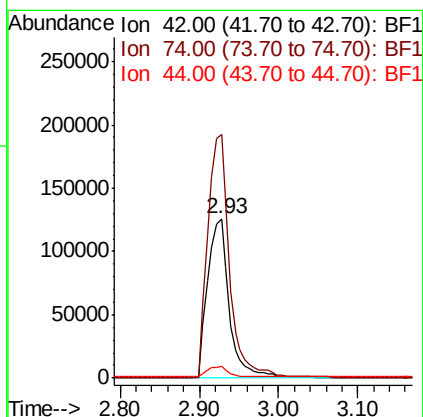
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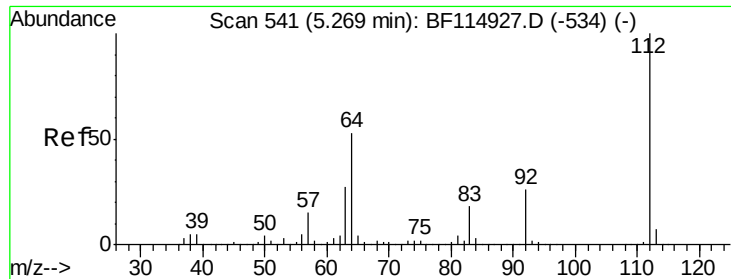
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#4
n-Nitrosodimethylamine
Concen: 41.938 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.9	121.9	182.9
44	7.5	5.1	7.7





#5

2-Fluorophenol

Concen: 118.938 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

Tgt Ion: 112 Resp: 1425679

Ion Ratio Lower Upper

112 100

64 53.5 42.1 63.1

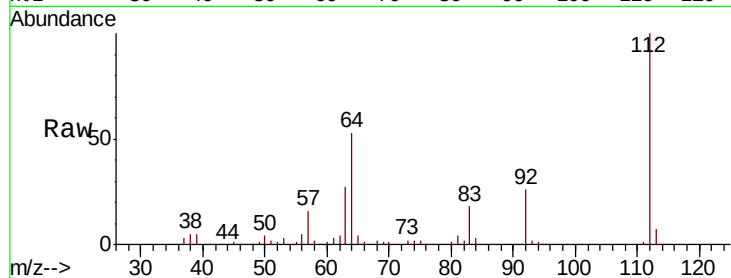
63 27.5 21.8 32.8

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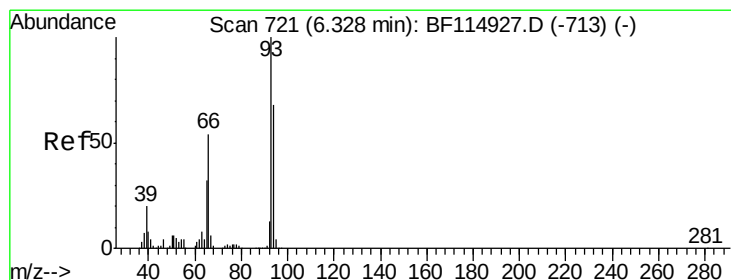
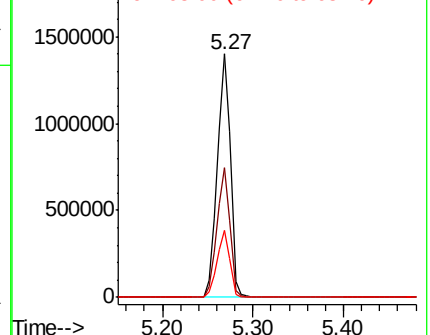
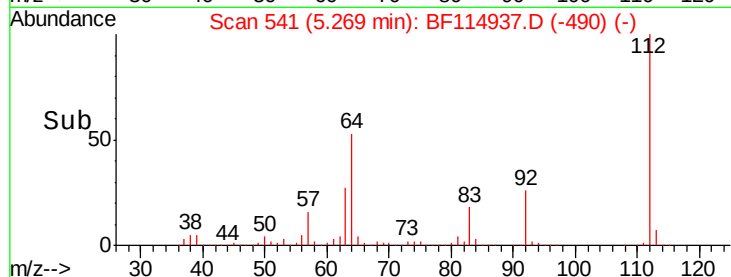
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.112 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

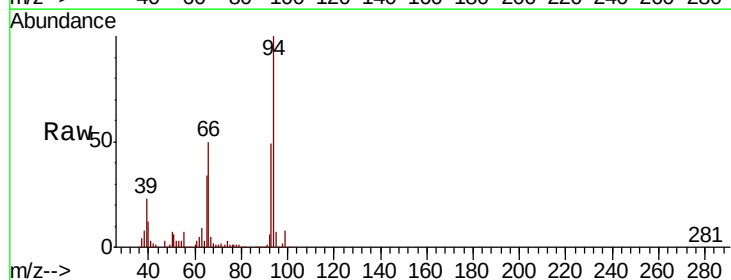
Tgt Ion: 93 Resp: 511388

Ion Ratio Lower Upper

93 100

66 102.9 43.6 65.4#

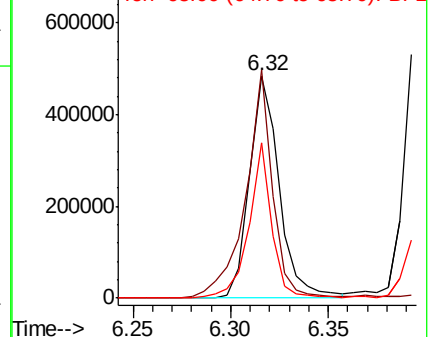
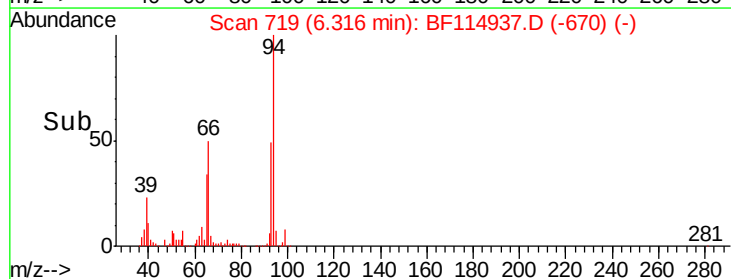
65 69.9 25.7 38.5#

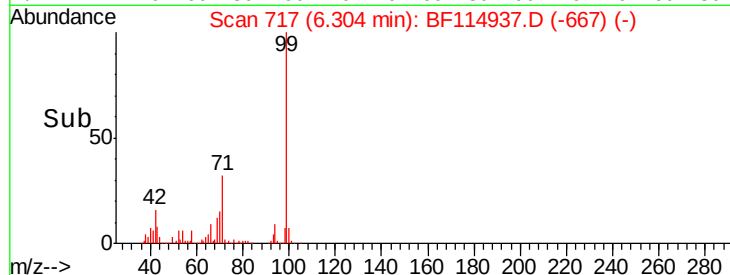
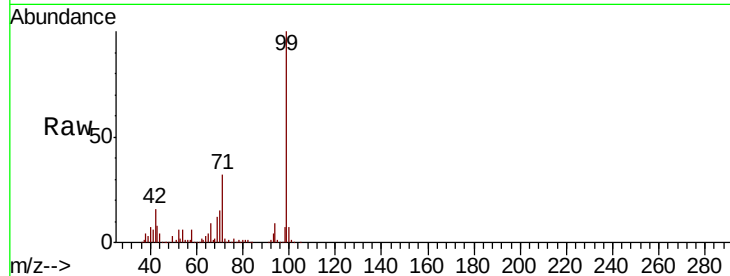
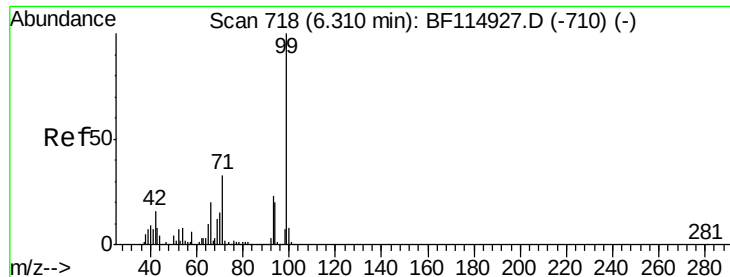


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.741 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion: 99 Resp: 1716790

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

71 32.3 26.8 40.2

Instrument :

BNA_F

ClientSampleId :

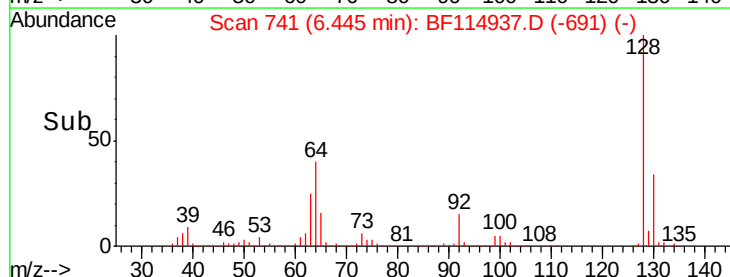
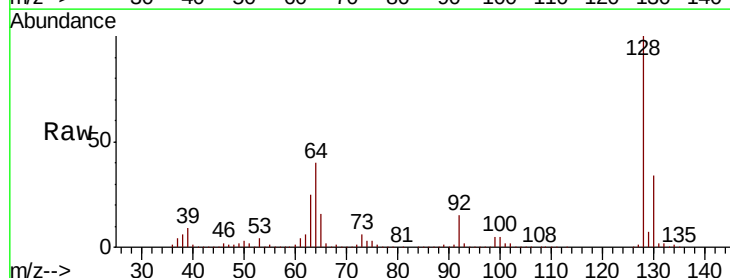
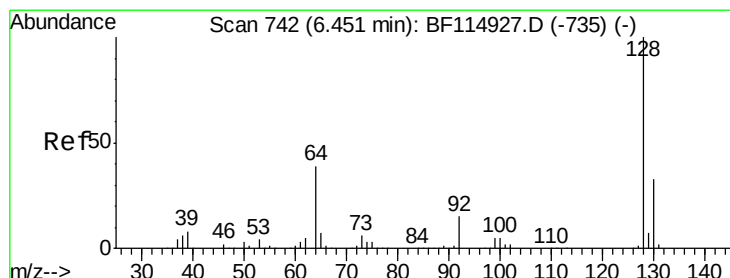
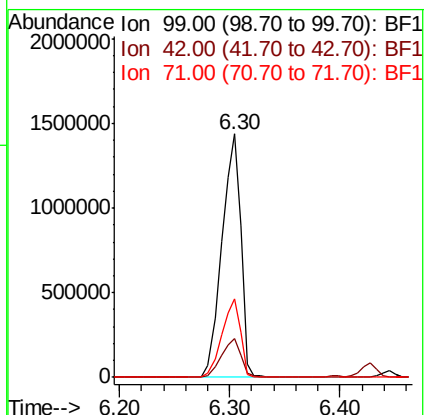
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#8

2-Chlorophenol

Concen: 45.138 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

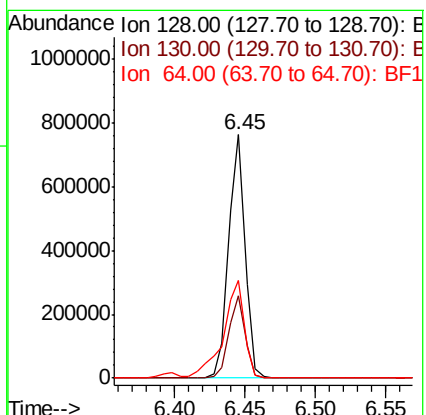
Tgt Ion: 128 Resp: 617497

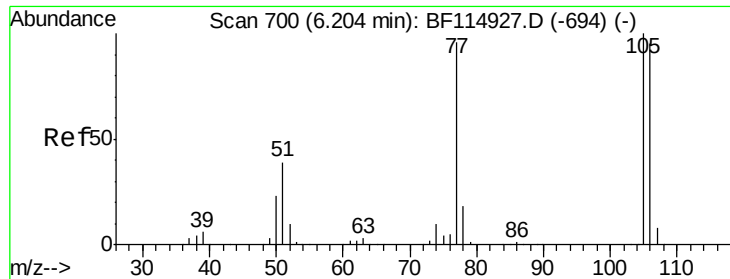
Ion Ratio Lower Upper

128 100

130 33.6 13.3 53.3

64 40.3 19.5 59.5





#9

Benzaldehyde

Concen: 15.090 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

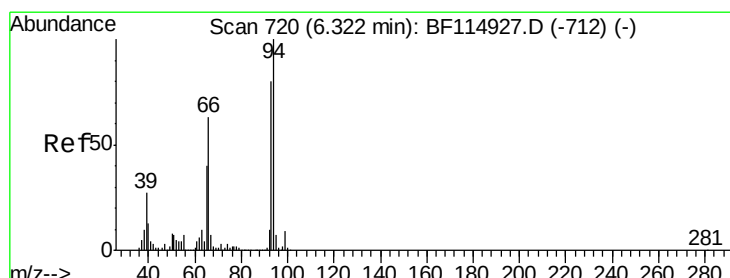
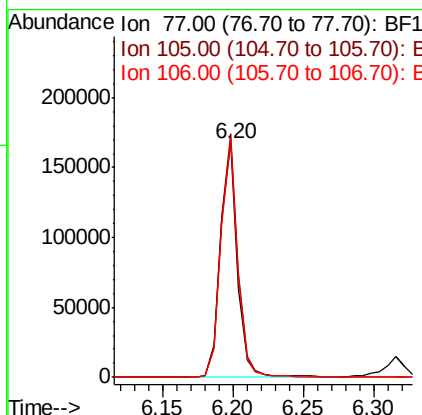
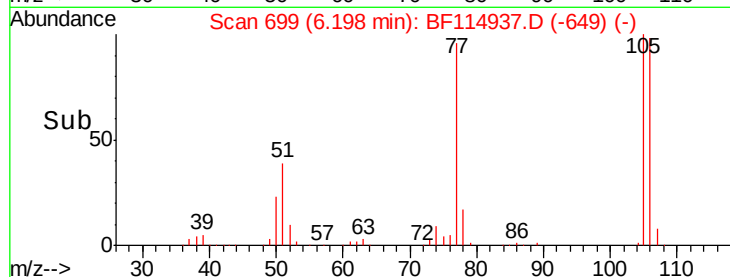
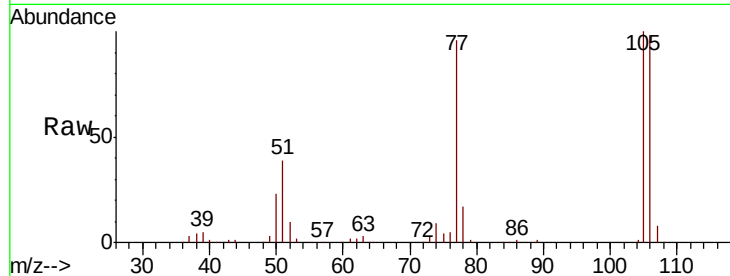
ClientSampleId :

PB120177BS

Tgt Ion:	77	Resp:	139637
Ion Ratio	Lower	Upper	
77	100		
105	103.9	84.5	124.5
106	101.7	79.2	119.2

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#10

Phenol

Concen: 43.368 ng

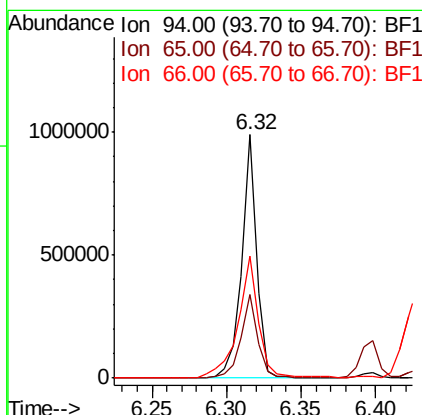
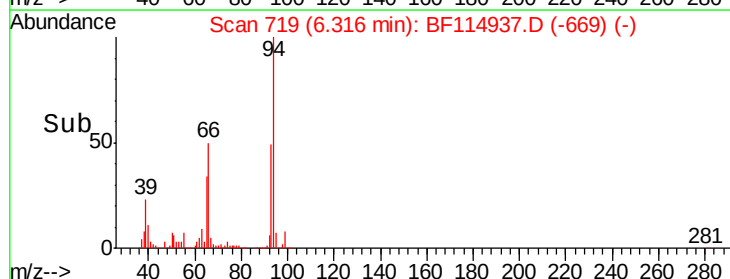
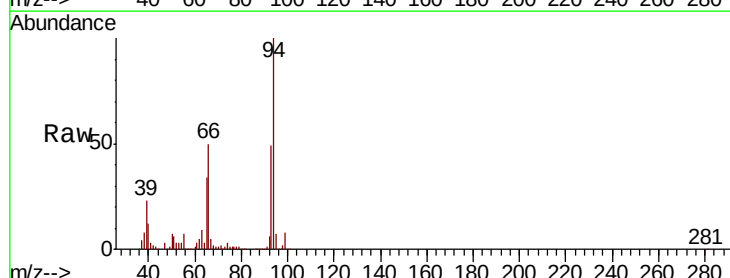
RT: 6.32 min Scan# 719

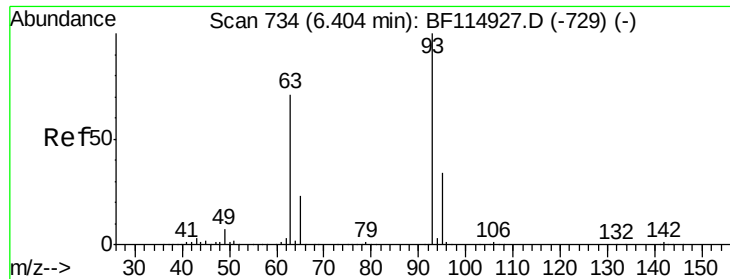
Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:	94	Resp:	699180
Ion Ratio	Lower	Upper	
94	100		
65	34.2	19.6	59.6
66	50.3	42.6	82.6





#11

bis(2-Chloroethyl)ether

Concen: 44.888 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

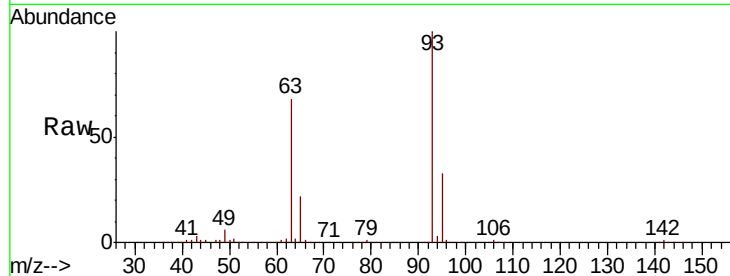
PB120177BS

Tgt Ion: 93 Resp: 576774

Ion	Ratio	Lower	Upper
93	100		
63	67.8	50.5	90.5
95	33.3	13.6	53.6

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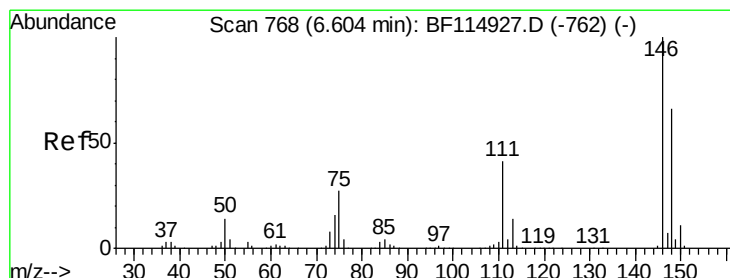
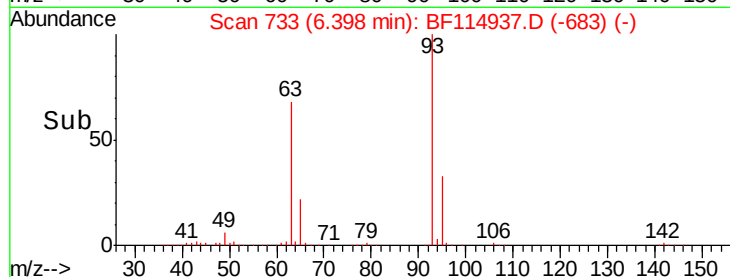
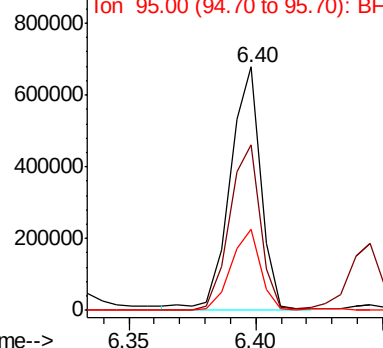


Abundance

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: 43.098 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion: 146 Resp: 684268

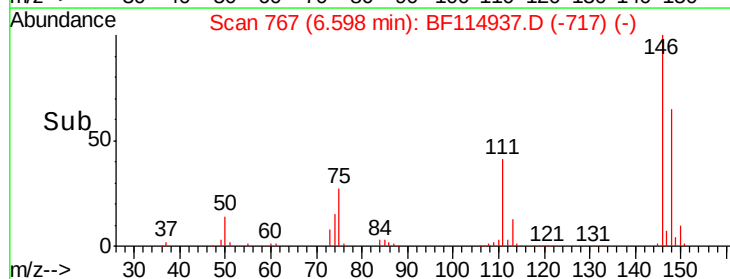
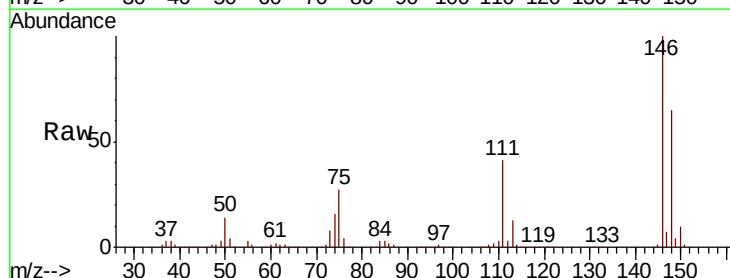
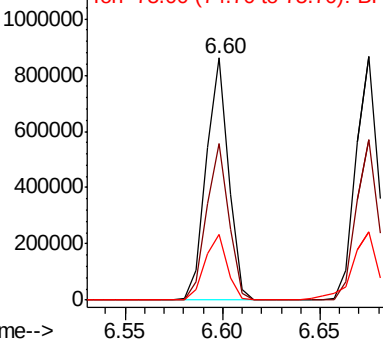
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	78.8
75	27.4	21.9	32.9

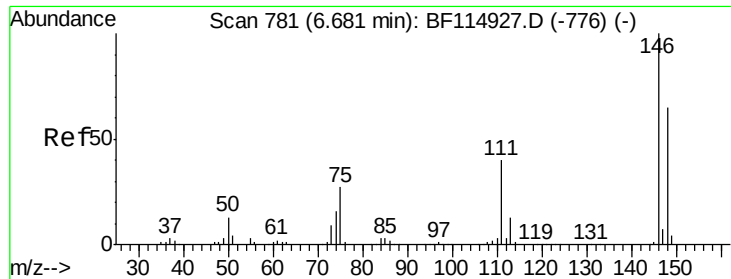
Abundance

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: 43.169 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

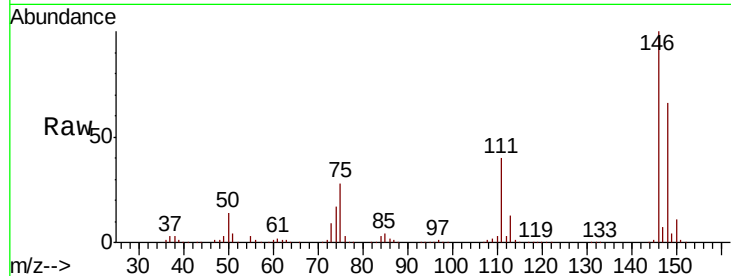
ClientSampleId :

PB120177BS

Tgt Ion:	146	Resp:	687319
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.3	78.5
111	39.9	31.8	47.8

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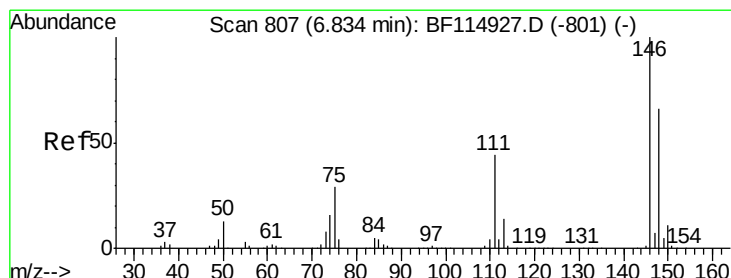
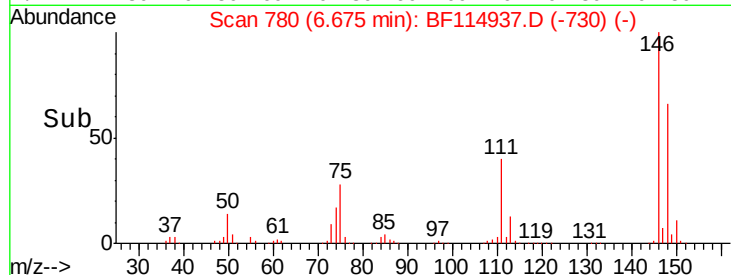
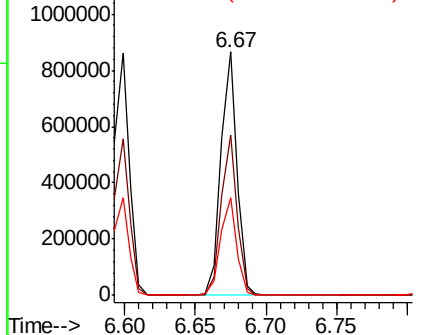


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.720 ng

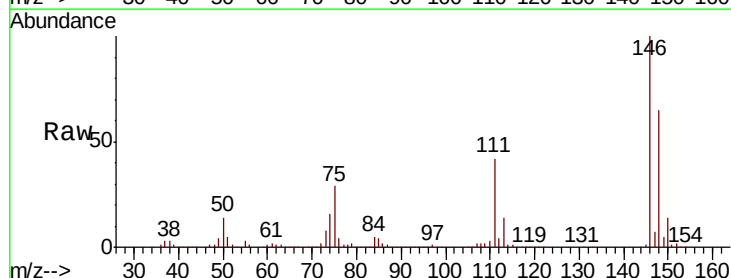
RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:	146	Resp:	646253
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.7	79.1
111	41.8	35.4	53.2

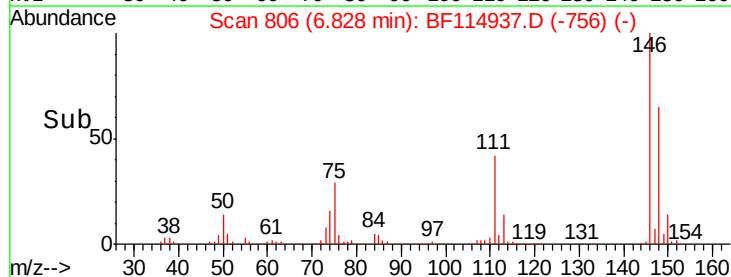
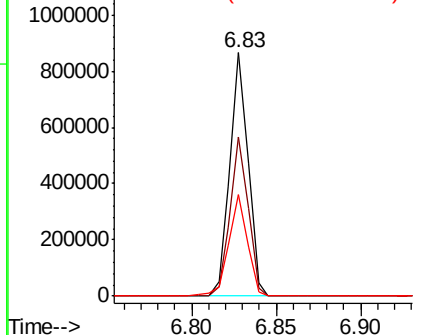


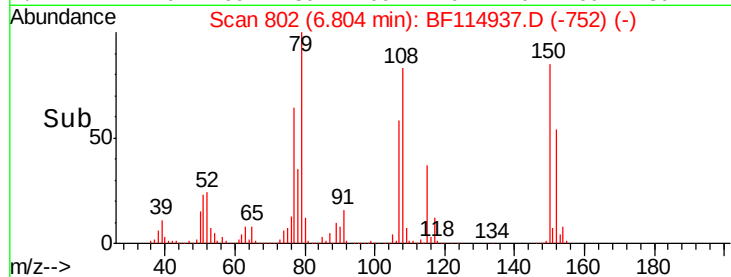
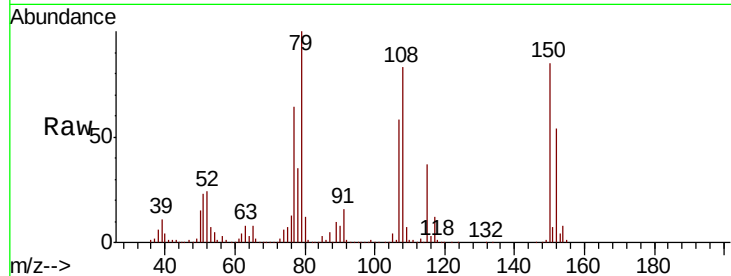
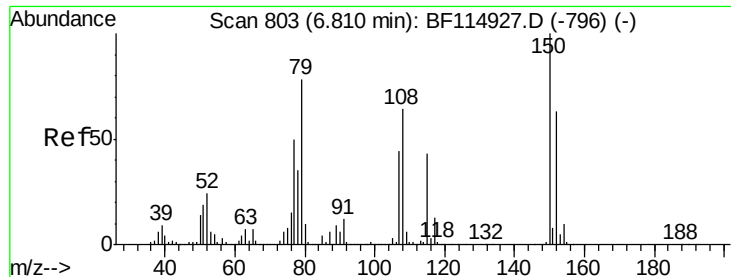
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.203 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:	79	Resp:	482030
Ion Ratio	Lower	Upper	
79	100		
108	83.0	65.5	98.3
77	64.4	51.3	76.9

Instrument :

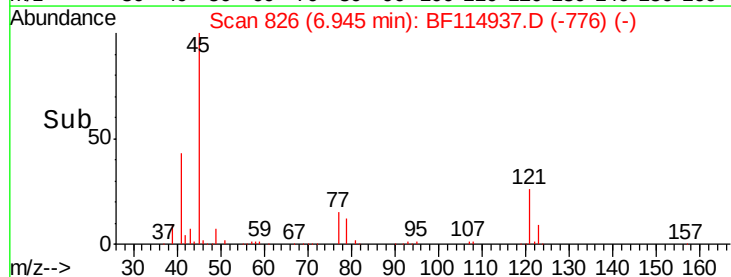
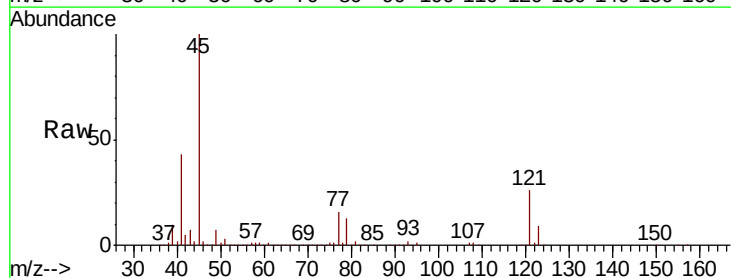
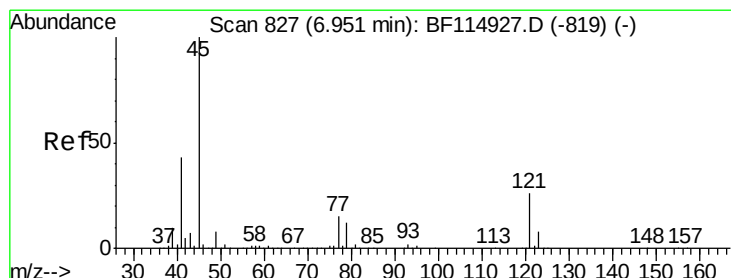
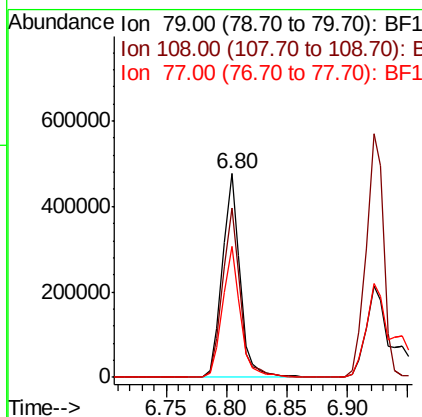
BNA_F

ClientSampleId :

PB120177BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.816 ng

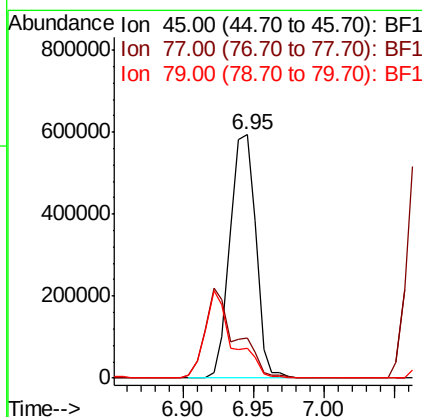
RT: 6.95 min Scan# 826

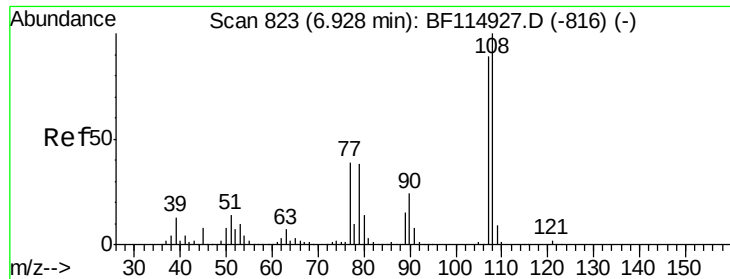
Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:	45	Resp:	756615
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	36.2
79	12.5	0.0	32.7





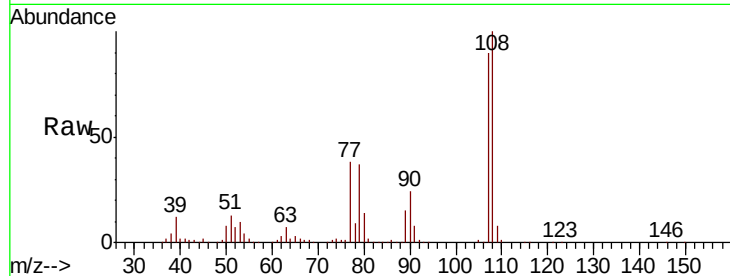
#17
2-Methylphenol
Concen: 44.364 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	508174	90.2	135.2
77	42.5		35.4	53.0
79	41.4		34.6	52.0

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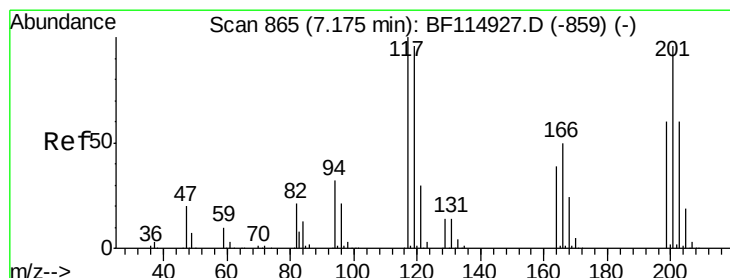
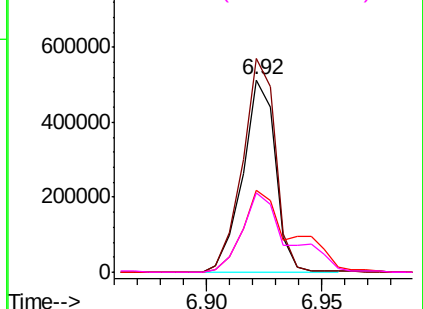
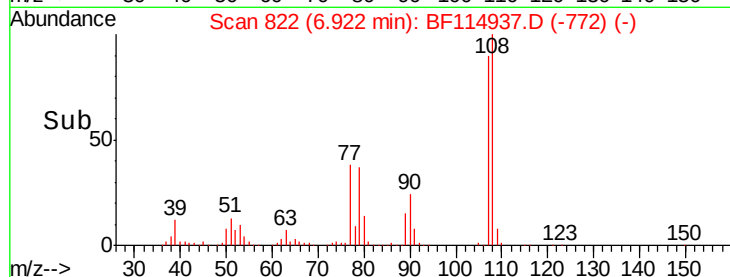
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

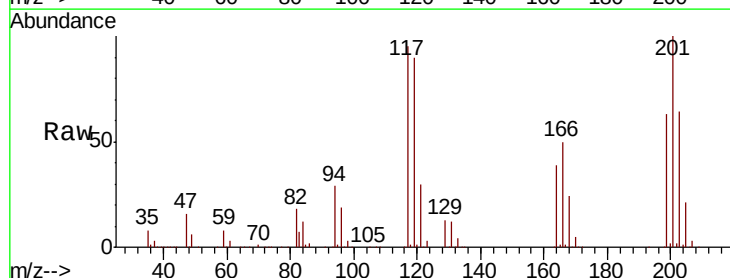
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.379 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	248658		
119	94.9		76.6	114.8
201	105.7		77.0	115.6

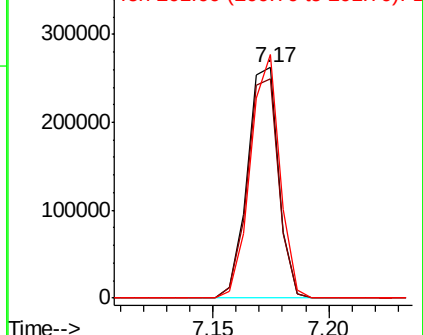
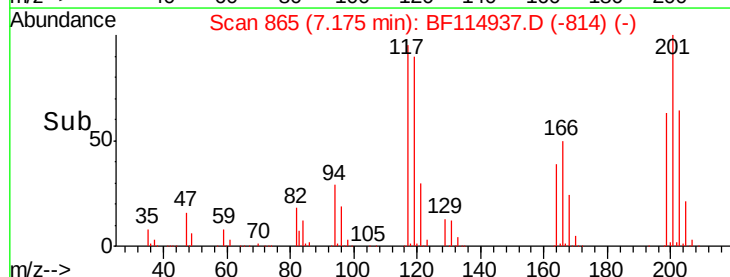


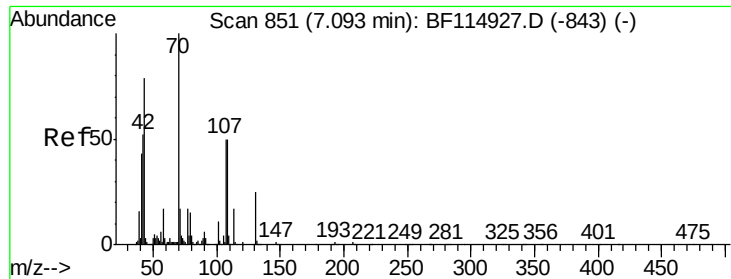
Abundance

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





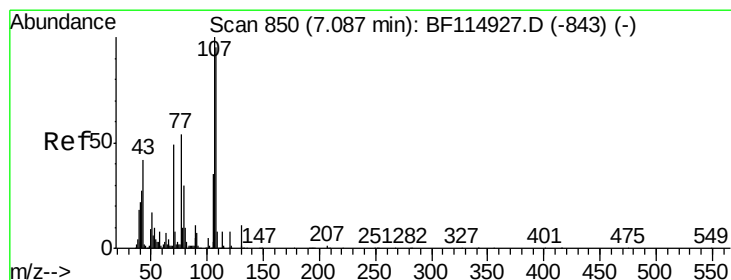
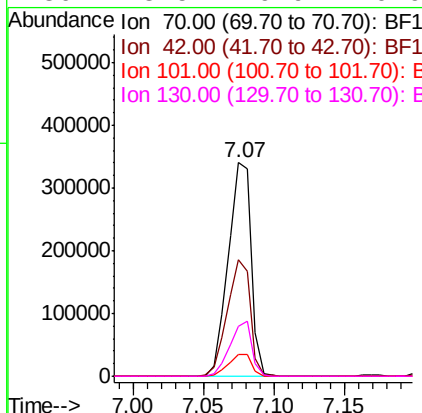
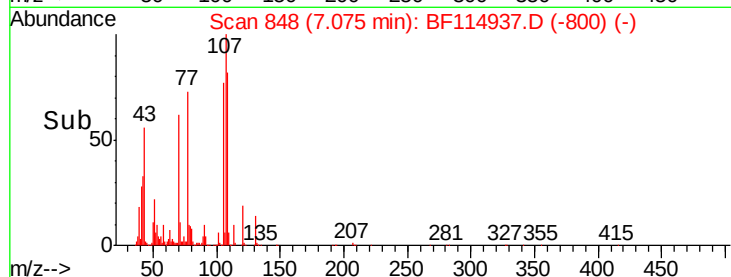
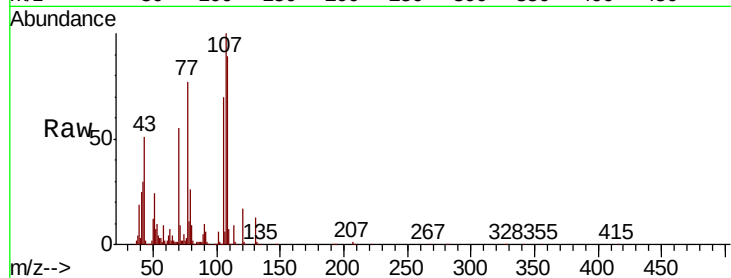
#19
n-Nitroso-di-n-propylamine
Concen: 42.495 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.4	41.7	62.5
101	10.0	8.4	12.6
130	23.5	19.9	29.9

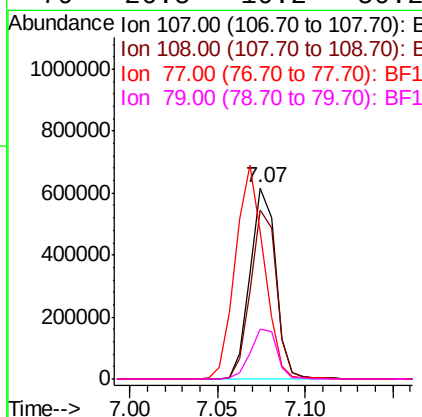
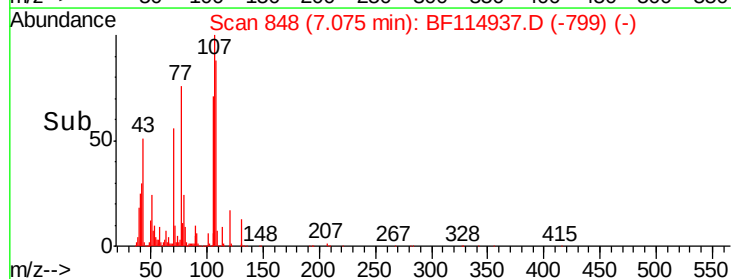
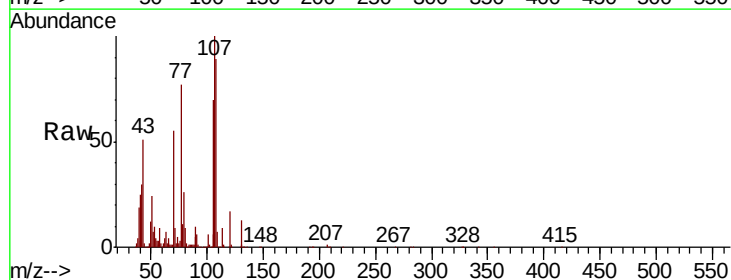
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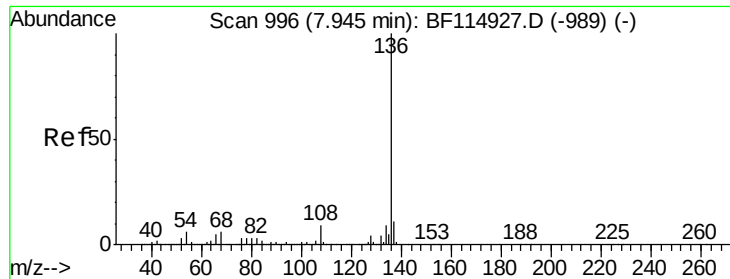
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#20
3+4-Methylphenols
Concen: 47.667 ng m
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	74.7	114.7
77	76.9	33.7	73.7
79	26.5	10.2	50.2





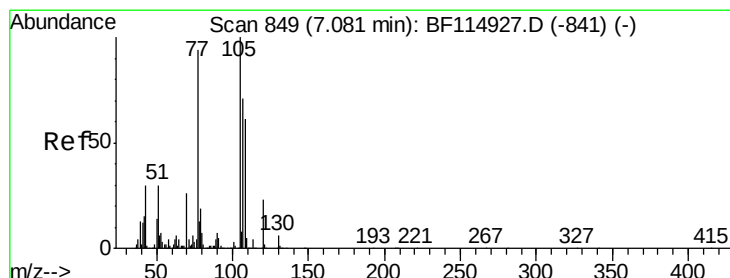
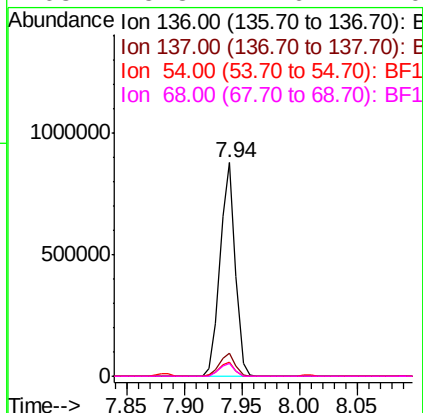
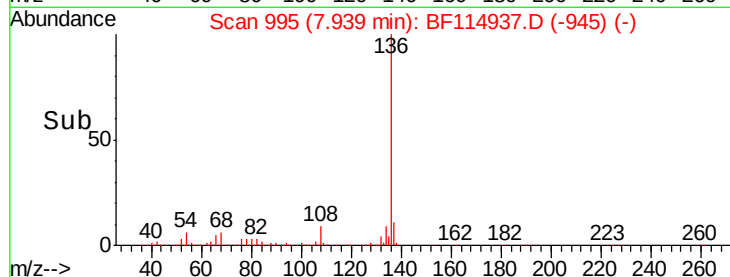
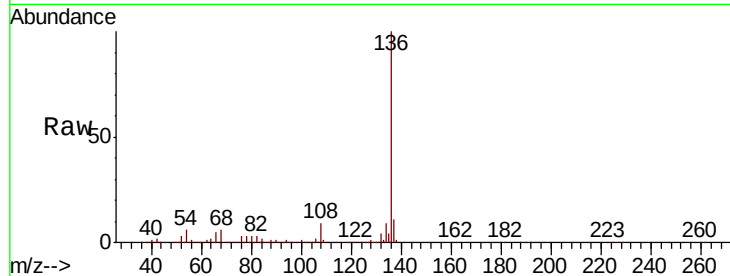
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	796349		
137	11.0	9.0	13.6	
54	6.4	5.2	7.8	
68	5.8	4.6	7.0	

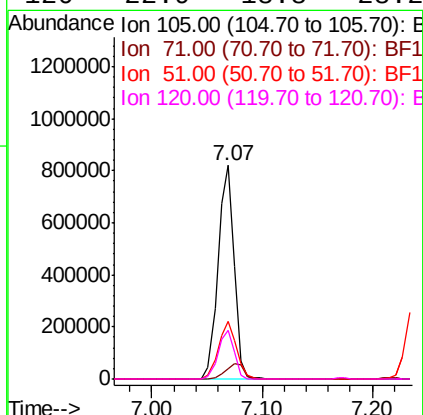
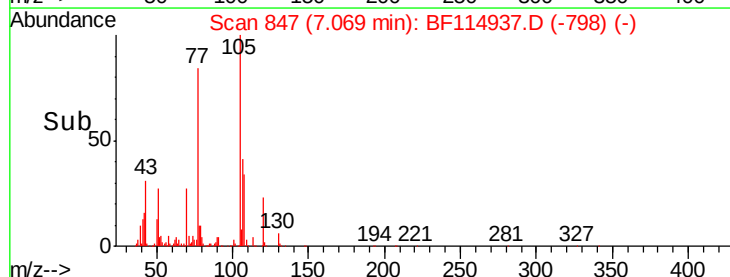
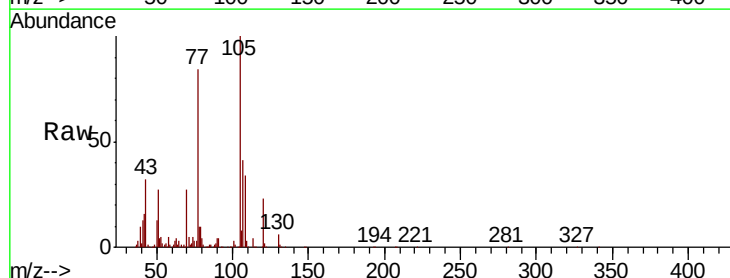
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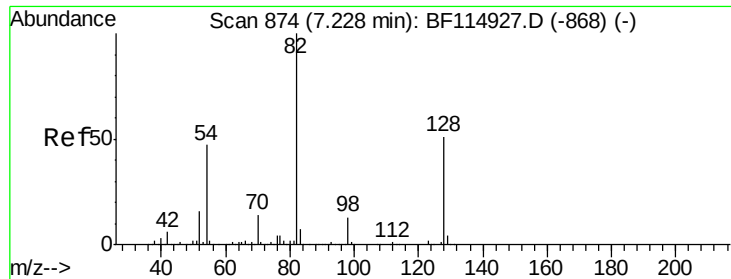
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#22
Acetophenone
Concen: 46.345 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	826137		
71	4.6	3.4	5.2	
51	26.9	24.0	36.0	
120	22.9	18.8	28.2	





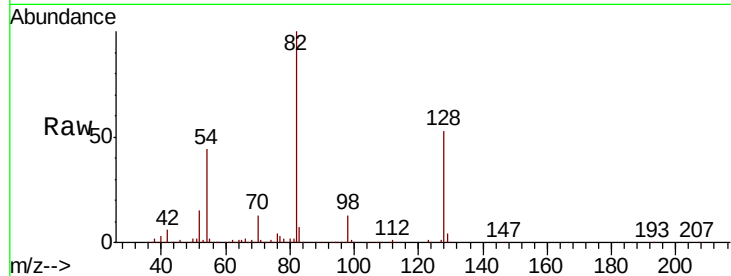
#23
 Nitrobenzene-d5
 Concen: 82.938 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

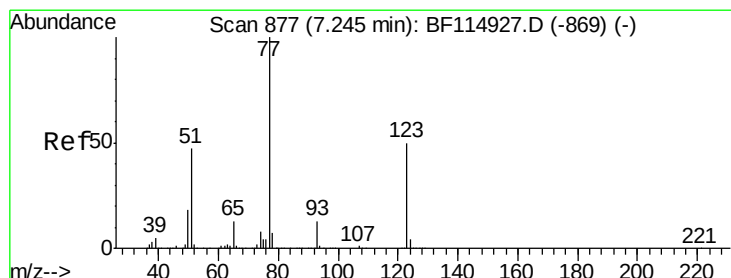
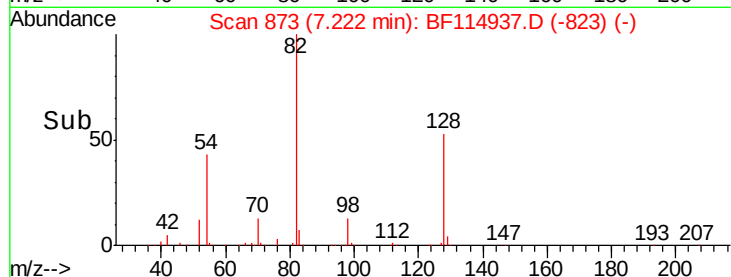
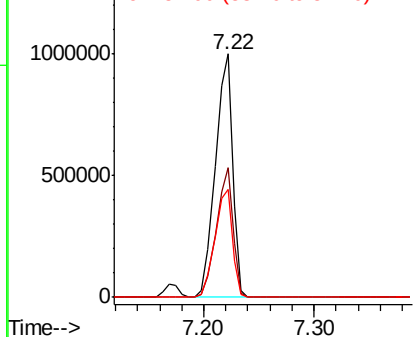
Tgt Ion: 82 Resp: 1074952
 Ion Ratio Lower Upper
 82 100
 128 53.0 40.9 61.3
 54 44.4 37.4 56.0

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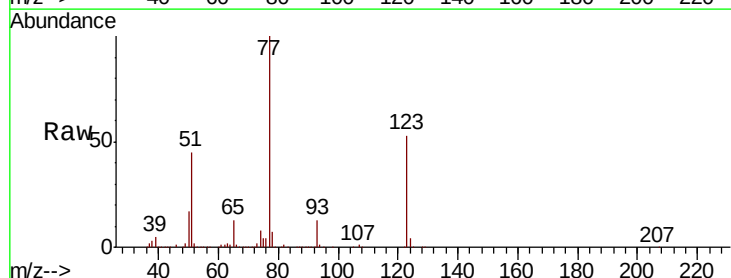


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

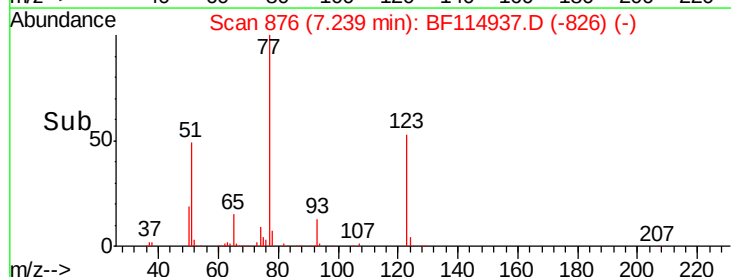
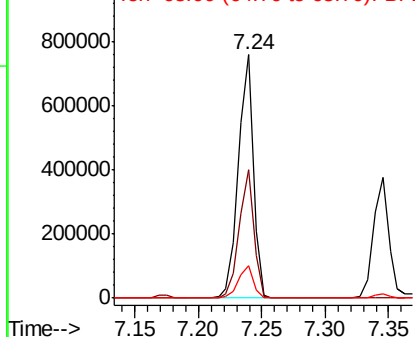


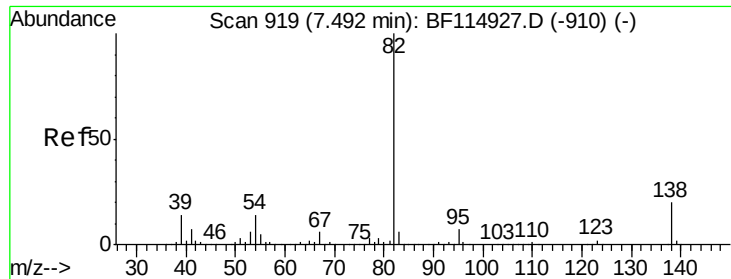
#24
 Nitrobenzene
 Concen: 45.731 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion: 77 Resp: 616594
 Ion Ratio Lower Upper
 77 100
 123 52.9 39.8 59.6
 65 13.3 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





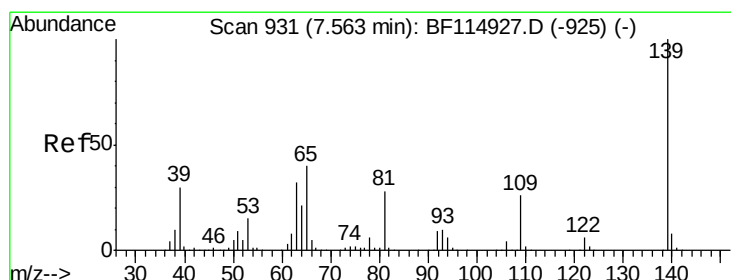
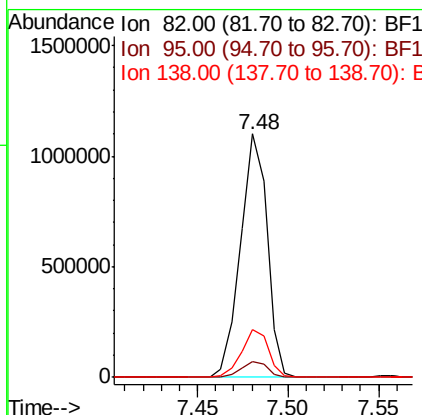
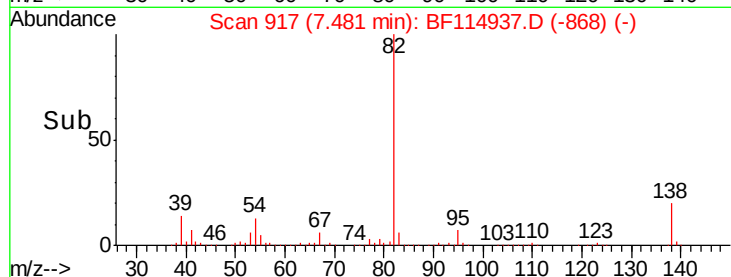
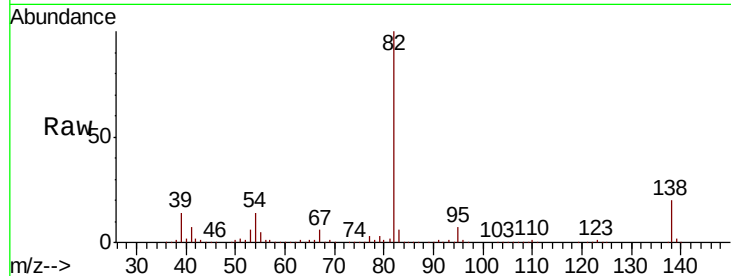
#25
Isophorone
Concen: 44.400 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion: 82 Resp: 1126880
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 19.5 16.4 24.6

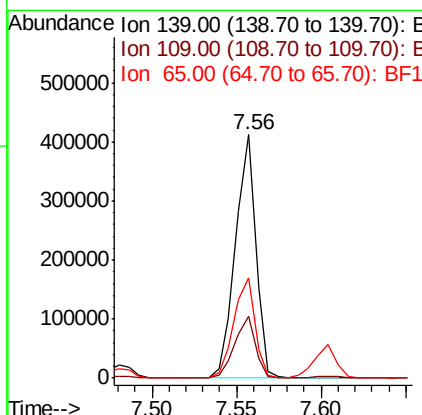
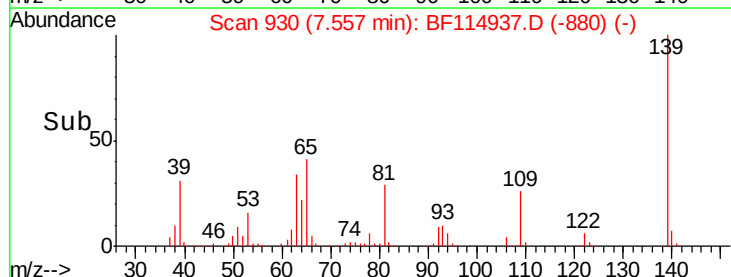
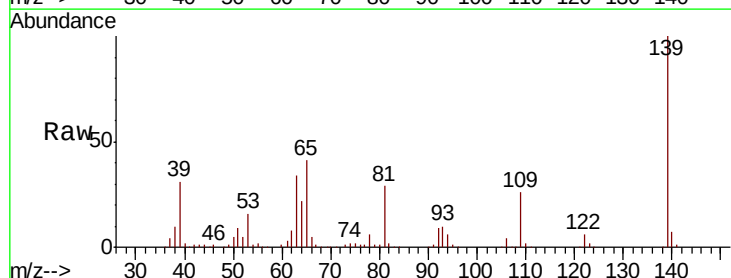
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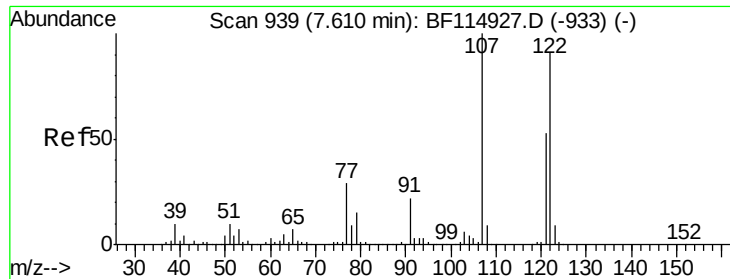
mohammad
6/12/2019 9:03:27 AM



#26
2-Nitrophenol
Concen: 46.480 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion: 139 Resp: 348166
Ion Ratio Lower Upper
139 100
109 25.6 20.6 30.8
65 41.2 32.2 48.2





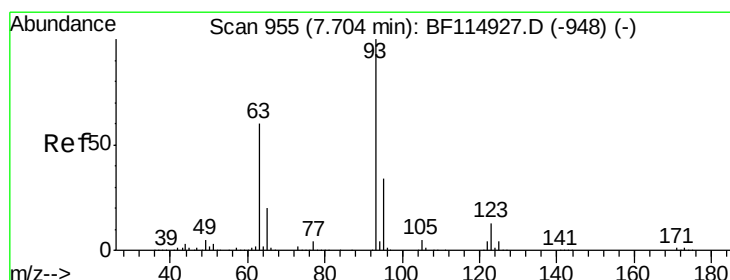
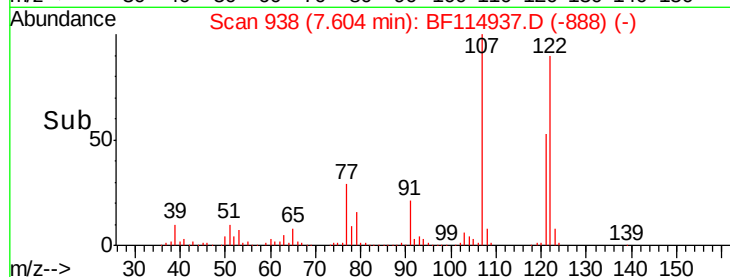
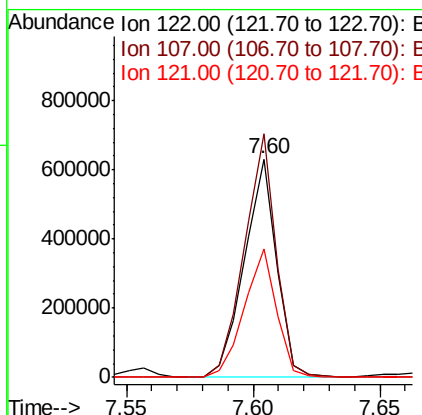
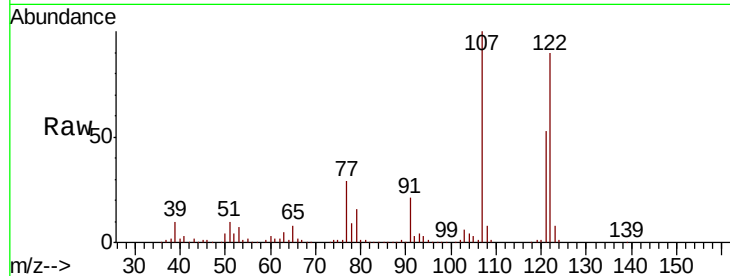
#27
2,4-Dimethylphenol
Concen: 51.059 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	559673		
107	111.4	88.0	132.0	
121	58.8	47.0	70.6	

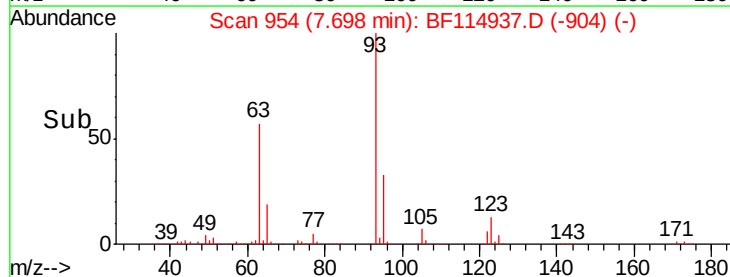
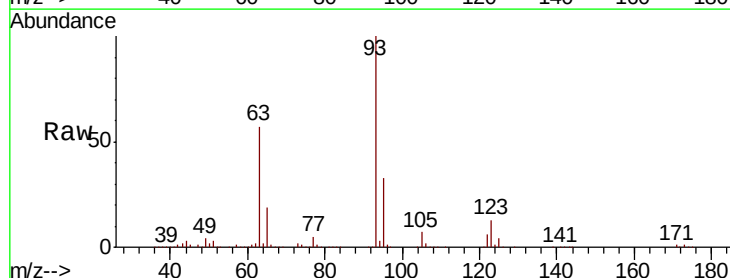
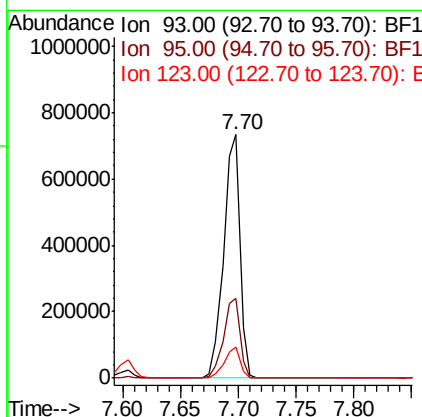
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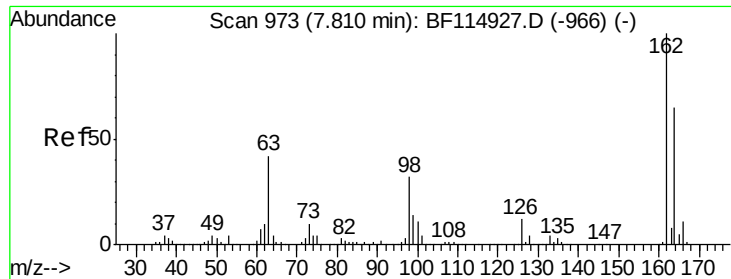
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.263 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	718649		
95	32.8	27.0	40.4	
123	12.7	10.3	15.5	





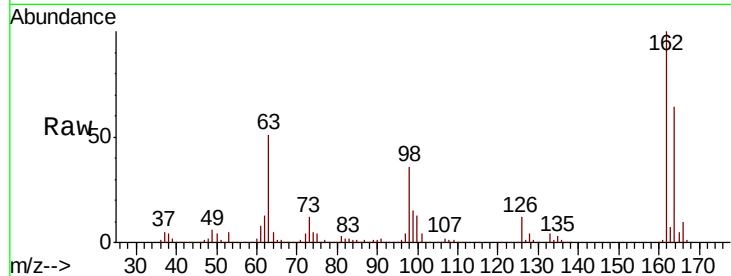
#29
2,4-Dichlorophenol
Concen: 46.877 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	45.4	85.4
98	36.2	12.5	52.5

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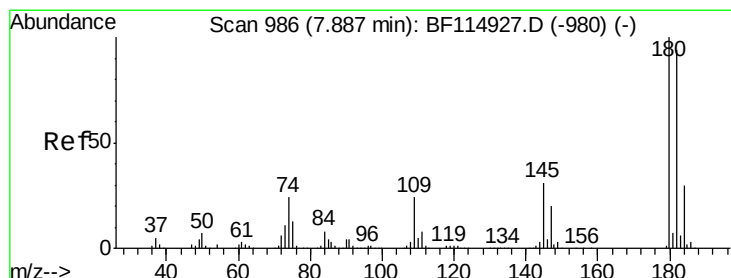
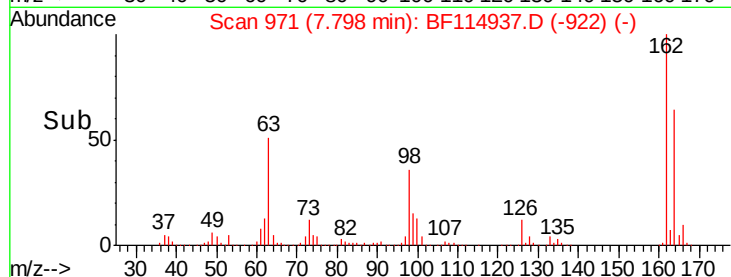
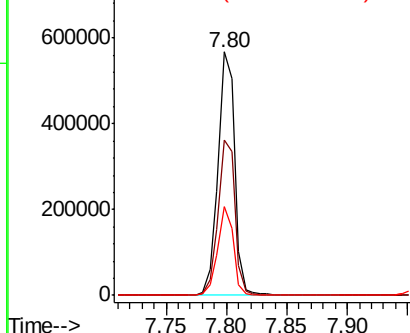


Abundance

Ion 162.00 (161.70 to 162.70): E

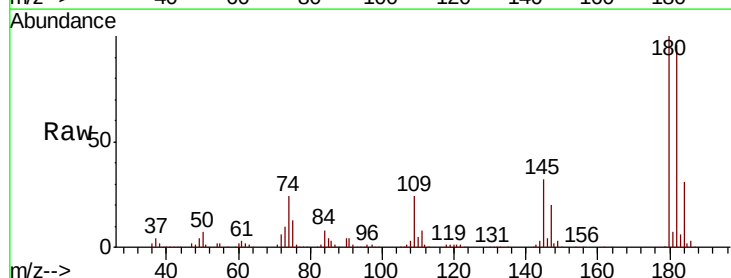
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.713 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	75.0	112.6
145	31.7	25.1	37.7

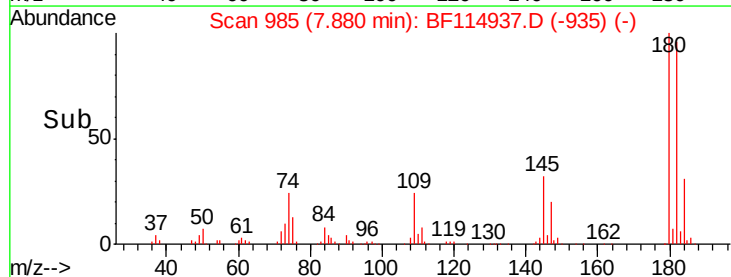
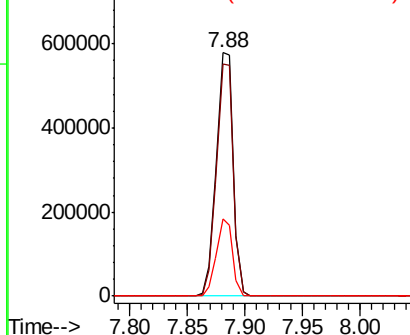


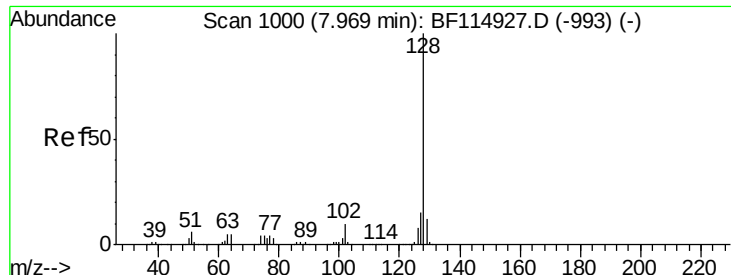
Abundance

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





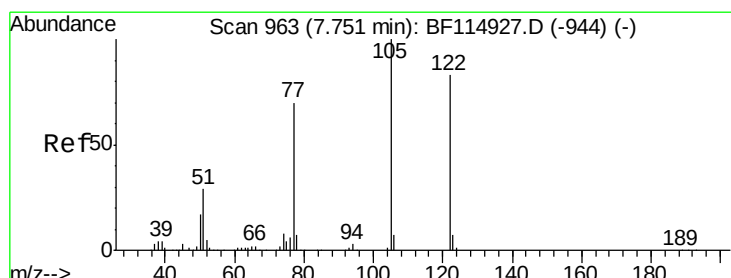
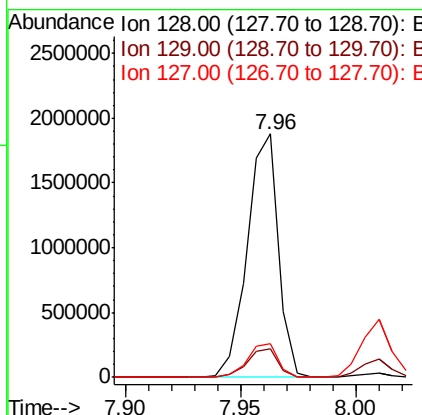
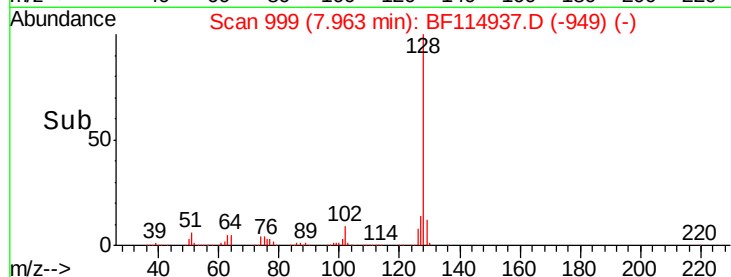
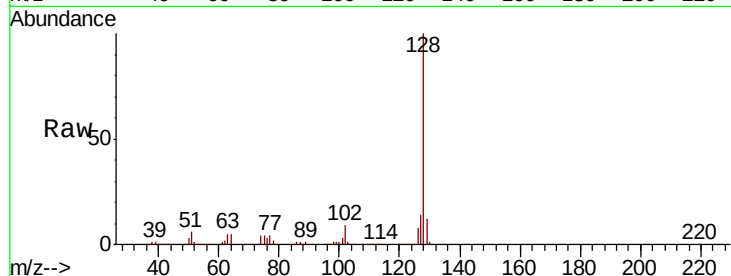
#31
Naphthalene
Concen: 48.404 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion:128 Resp: 1776122
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.8 11.8 17.6

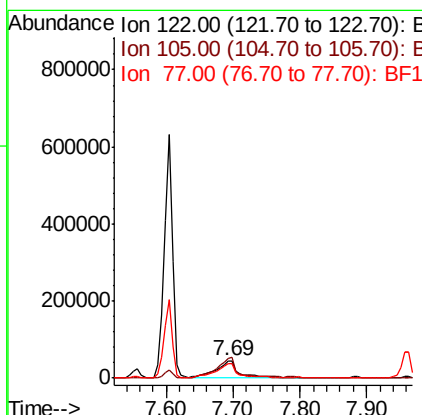
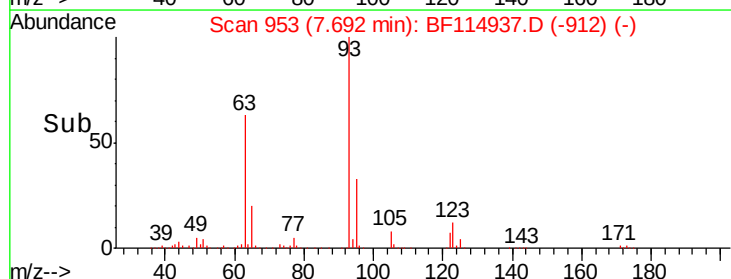
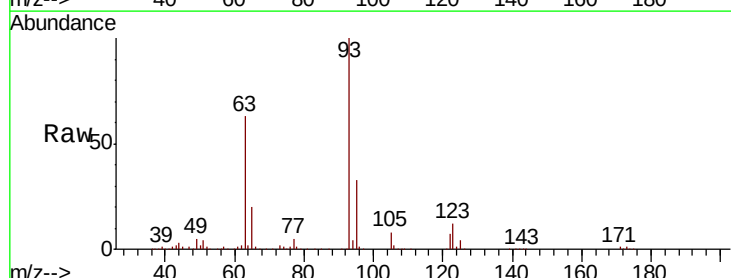
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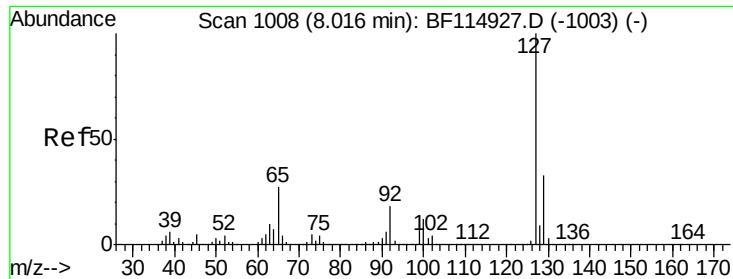
mohammad
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#32
Benzoic acid
Concen: 13.203 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.06 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:122 Resp: 108101
Ion Ratio Lower Upper
122 100
105 113.4 97.7 137.7
77 80.5 63.0 103.0





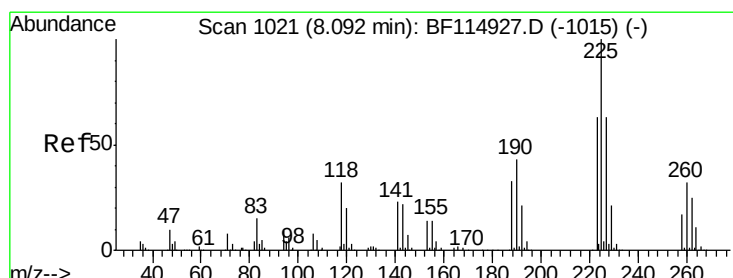
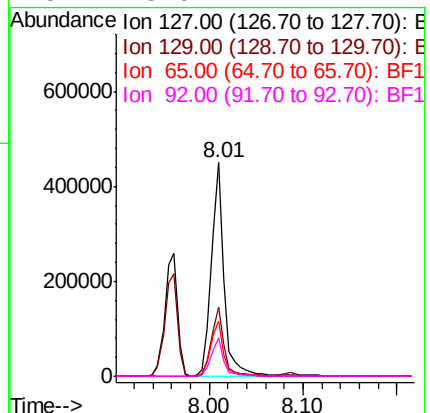
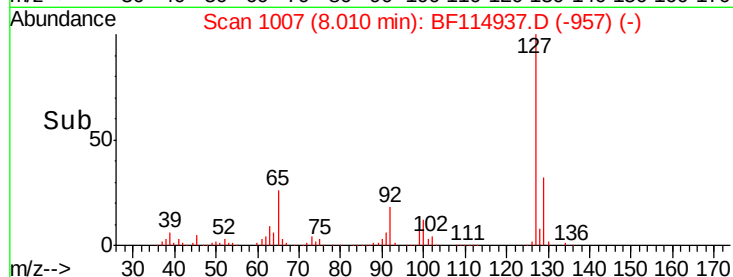
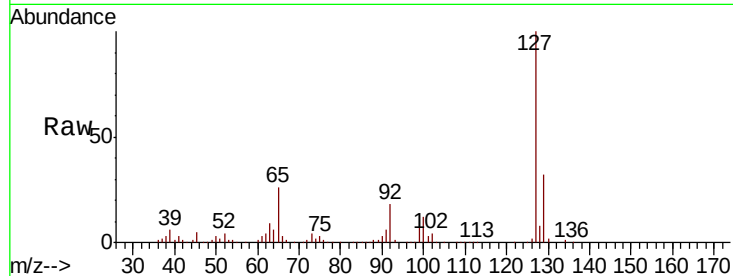
#33
4-Chloroaniline
Concen: 25.061 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	433965		
129	32.2	26.6	40.0	
65	26.0	21.5	32.3	
92	18.0	14.7	22.1	

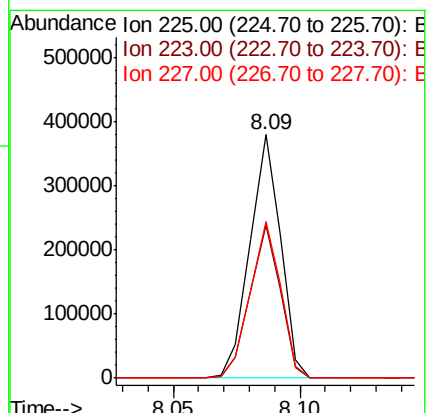
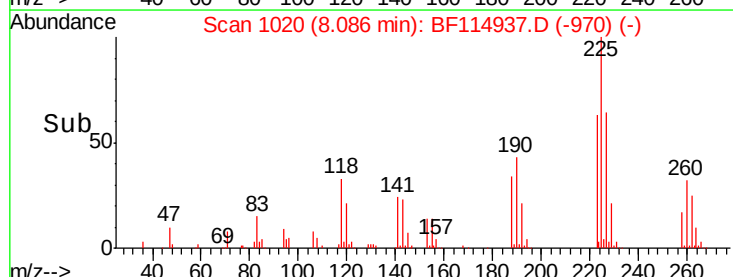
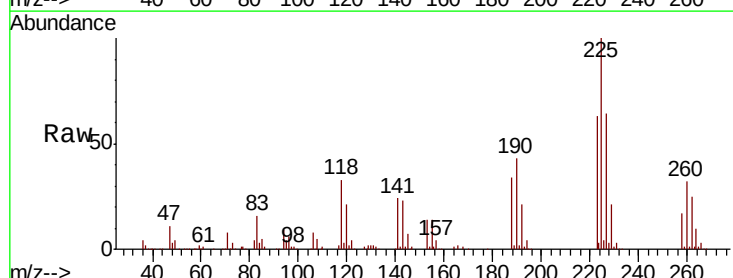
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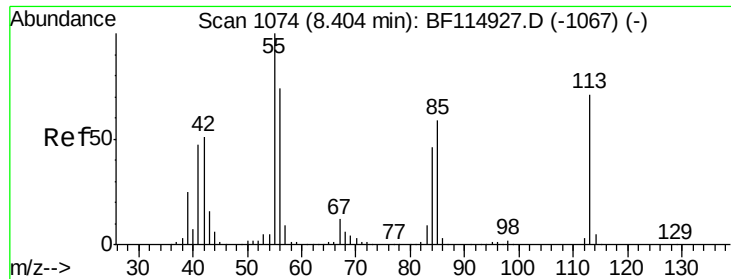
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#34
Hexachlorobutadiene
Concen: 43.349 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	320300		
223	62.7	50.6	75.8	
227	64.1	50.6	75.8	





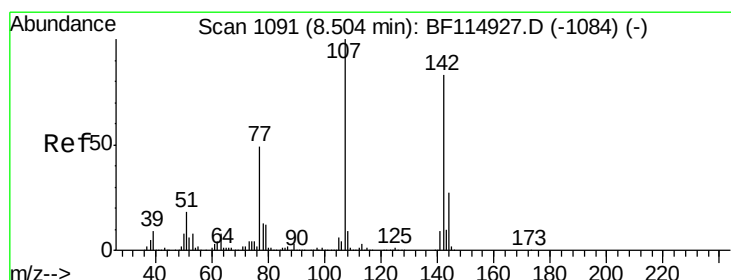
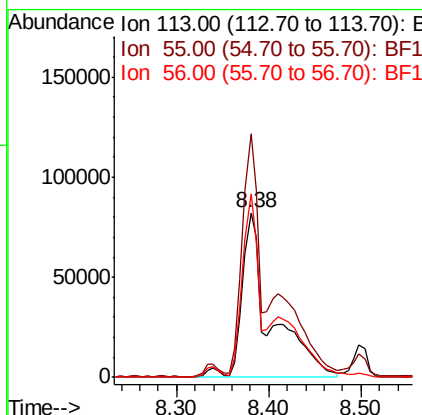
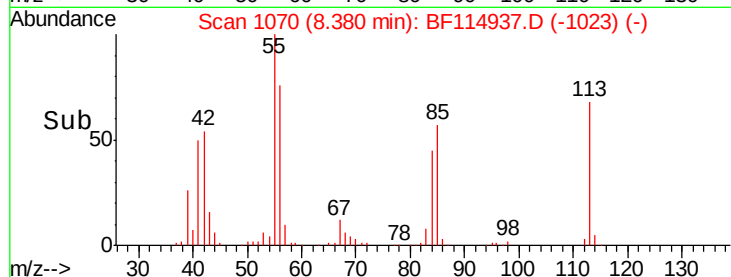
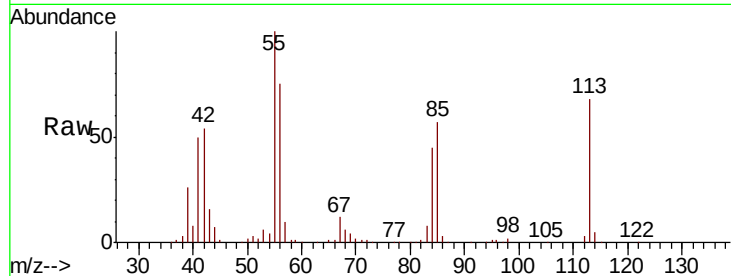
#35
Caprolactam
Concen: 45.874 ng m
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	177384		
55	147.7	120.9	160.9	
56	111.5	84.3	124.3	

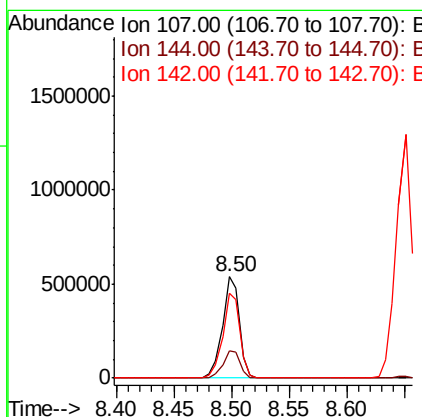
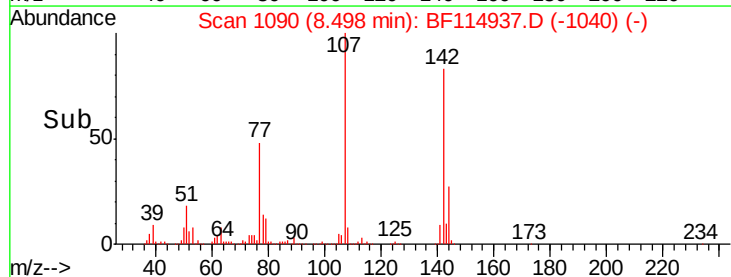
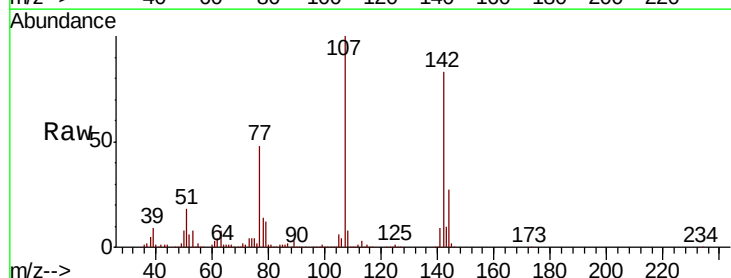
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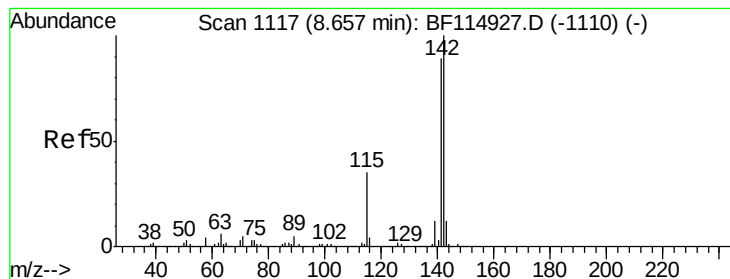
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.324 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	551745		
144	27.0	21.6	32.4	
142	83.4	66.1	99.1	





#37

2-Methylnaphthalene

Concen: 48.897 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

Tgt Ion:142 Resp: 1219248

Ion Ratio Lower Upper

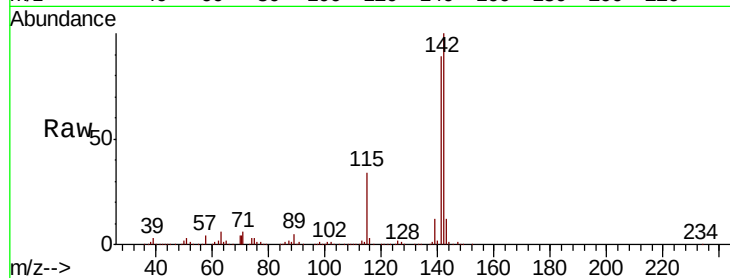
142 100

141 89.1 71.1 106.7

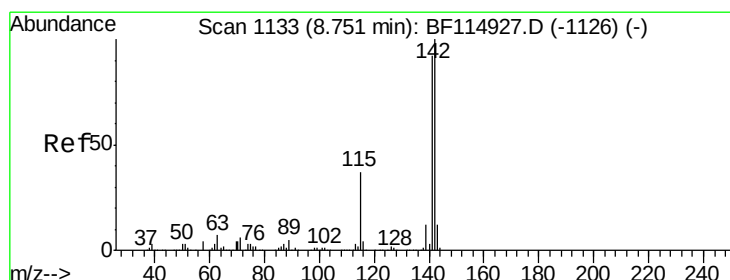
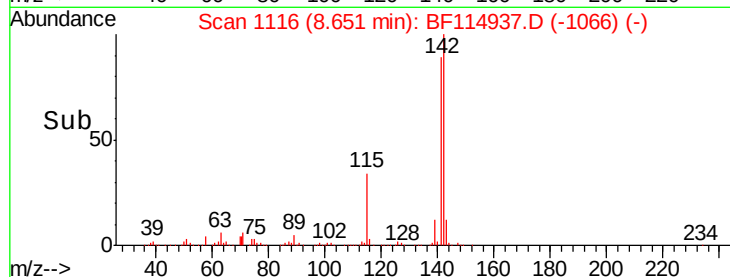
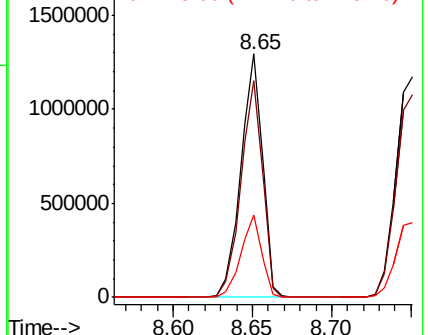
115 33.7 27.8 41.6

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.623 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

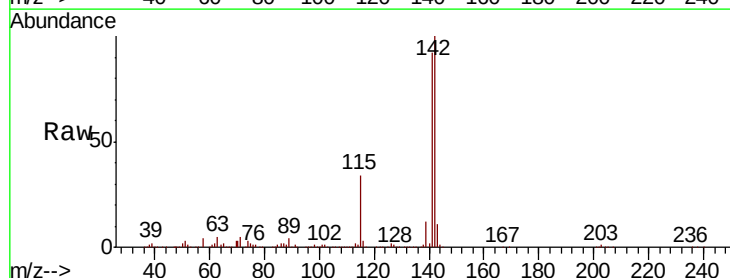
Tgt Ion:142 Resp: 1146673

Ion Ratio Lower Upper

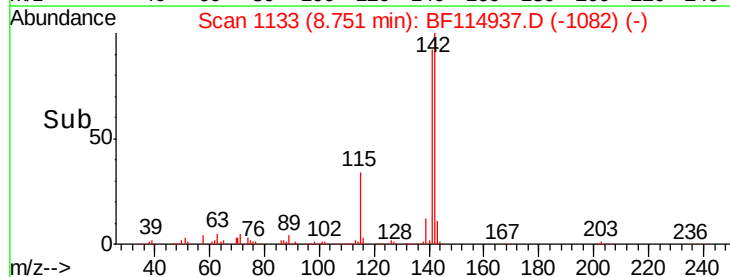
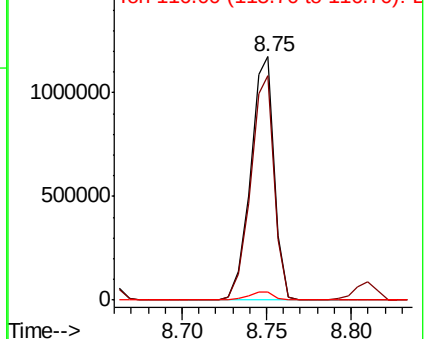
142 100

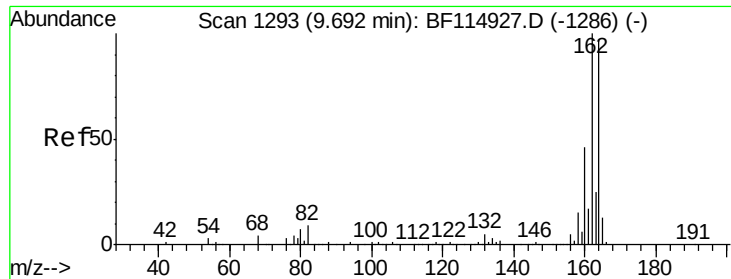
141 92.0 73.7 110.5

116 3.4 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





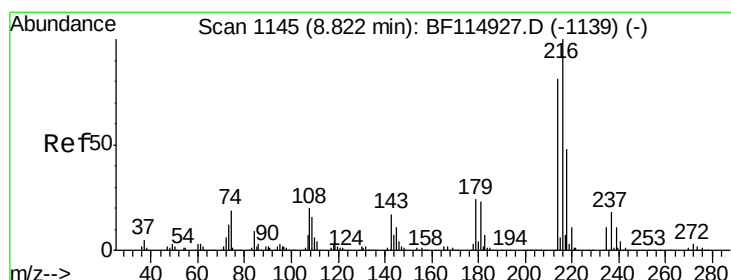
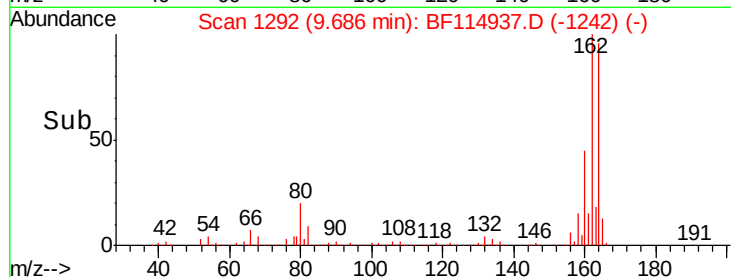
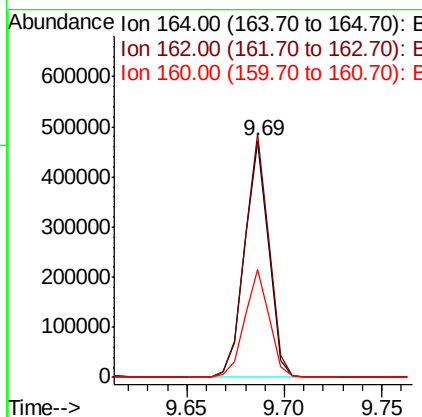
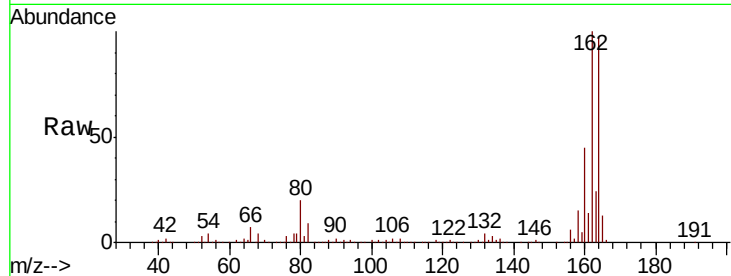
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	400694		
162	103.0	82.4	123.6	
160	45.9	37.5	56.3	

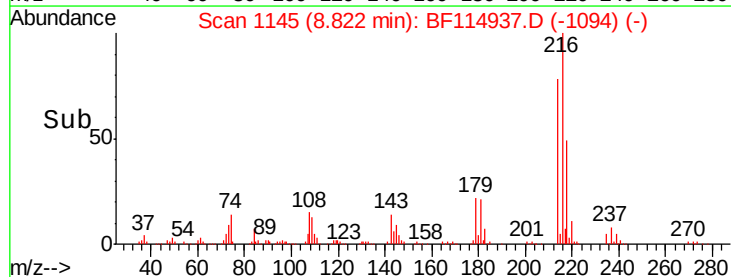
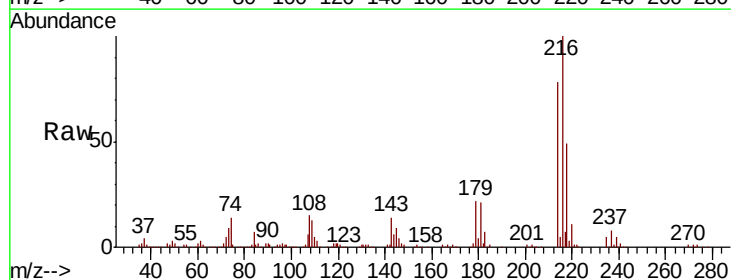
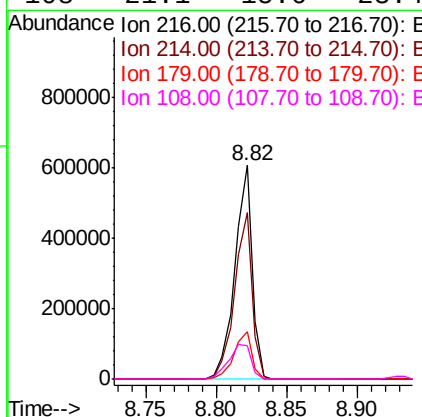
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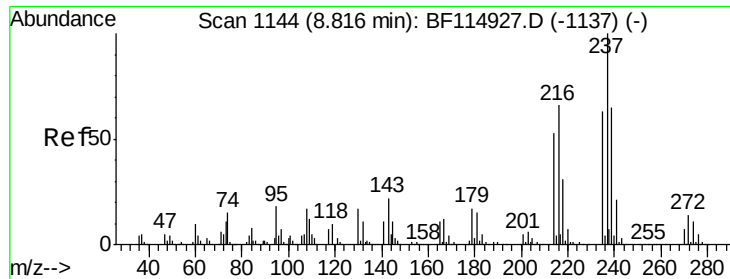
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.114 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	519736		
214	79.1	63.8	95.8	
179	22.5	18.5	27.7	
108	21.1	15.6	23.4	





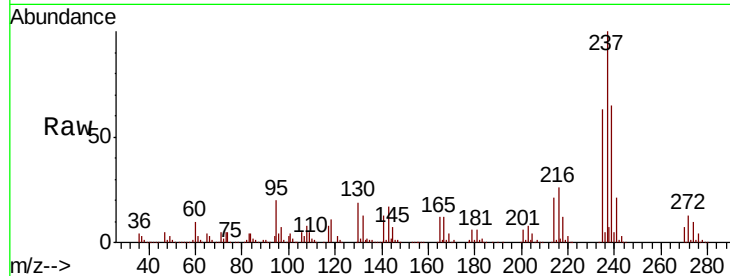
#41
Hexachlorocyclopentadiene
Concen: 97.728 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

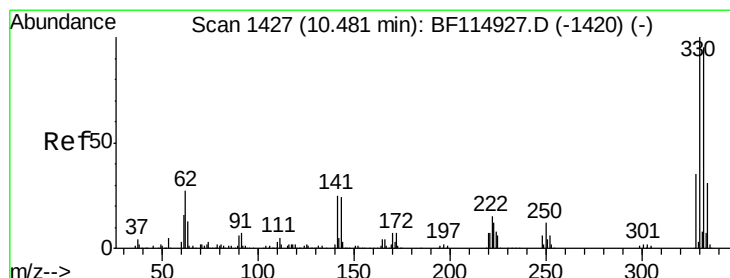
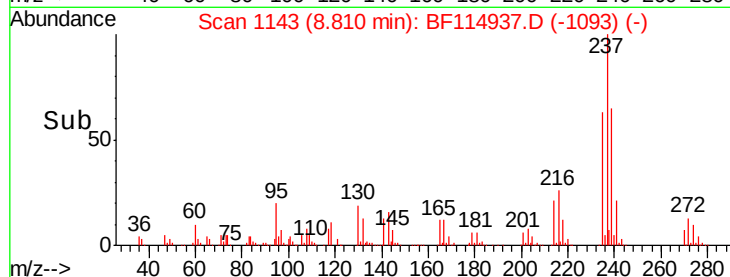
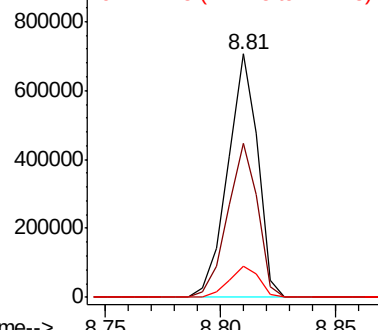
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.1	43.3	83.3
272	12.9	0.0	33.5

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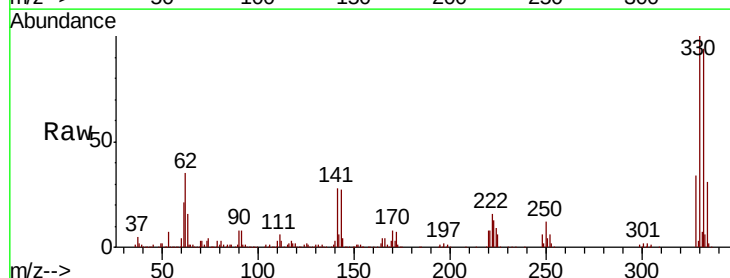


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

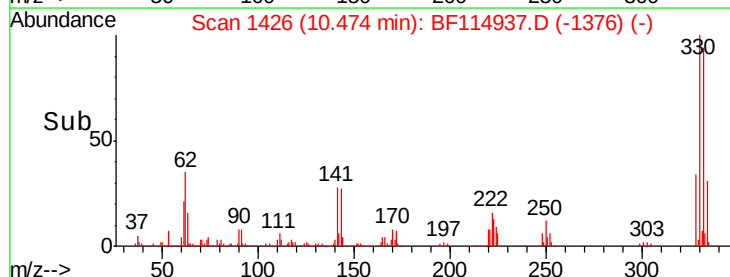
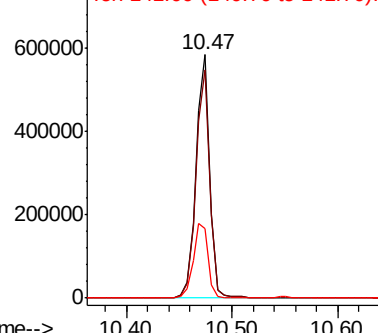


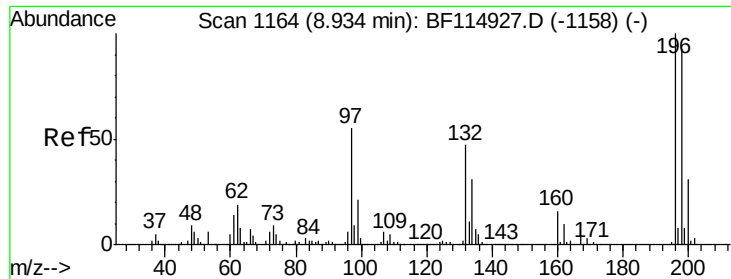
#42
2,4,6-Tribromophenol
Concen: 122.441 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.8	76.4	114.6
141	33.5	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





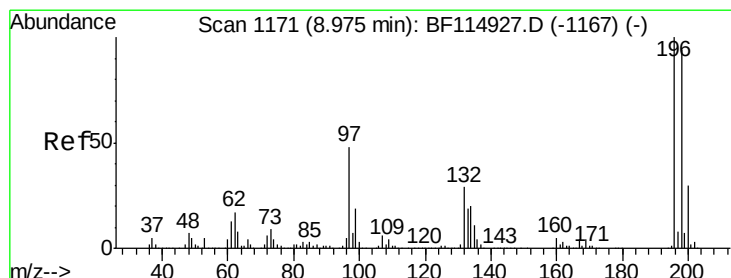
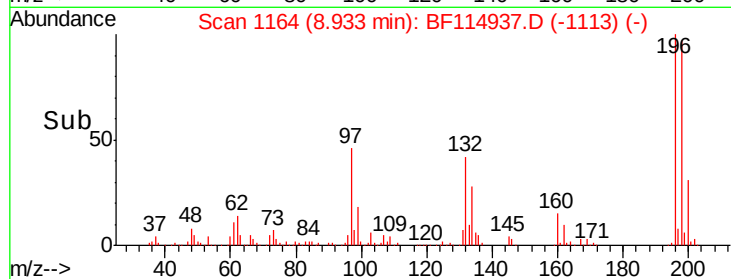
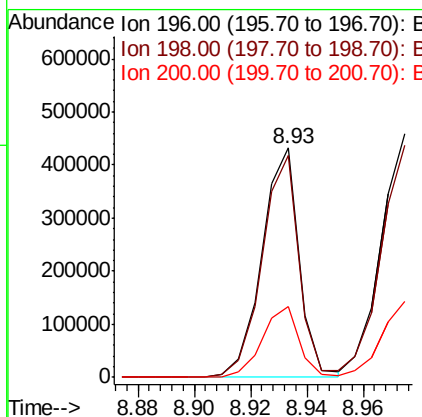
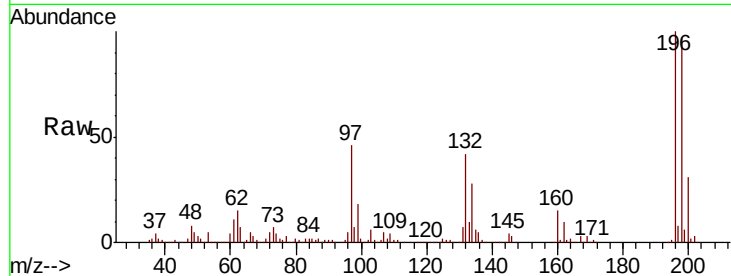
#43
 2,4,6-Trichlorophenol
 Concen: 45.124 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	394743		
198	97.0	74.8	112.2	
200	31.0	24.5	36.7	

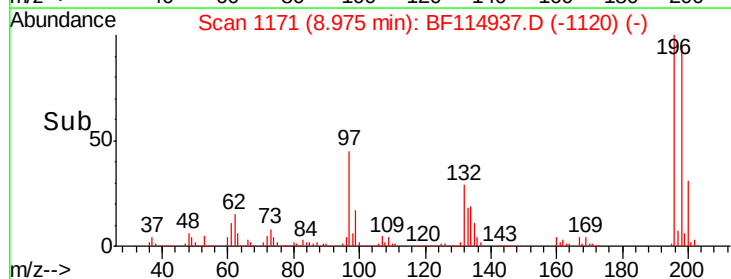
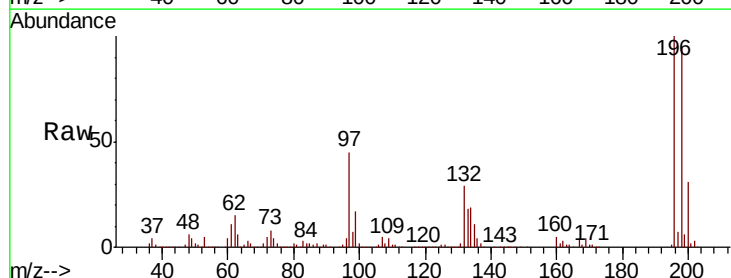
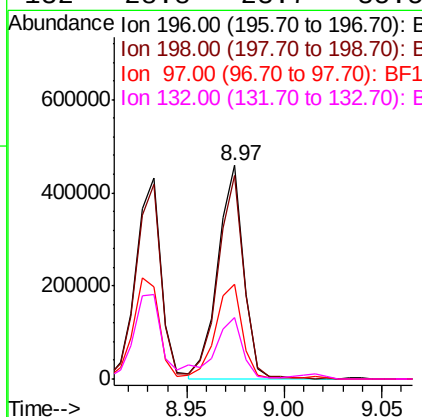
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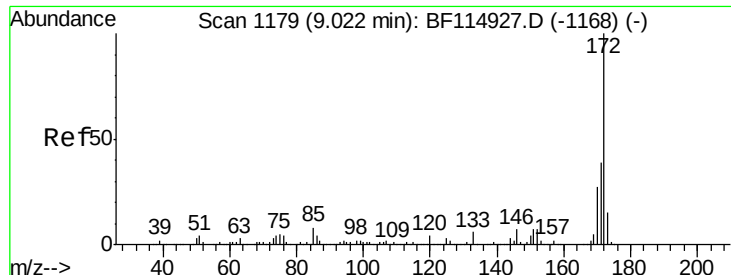
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#44
 2,4,5-Trichlorophenol
 Concen: 46.407 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	418597		
198	95.2	75.6	113.4	
97	44.6	38.6	57.8	
132	28.8	23.7	35.5	





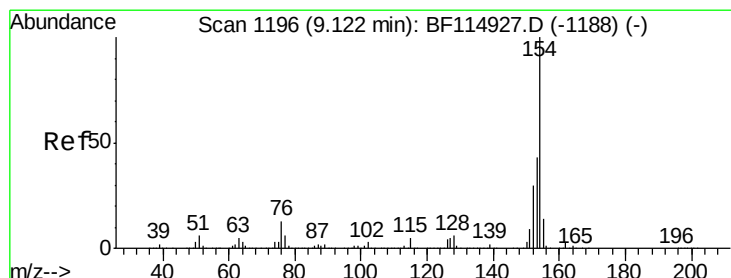
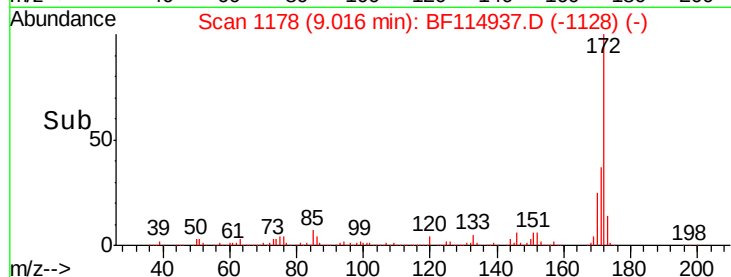
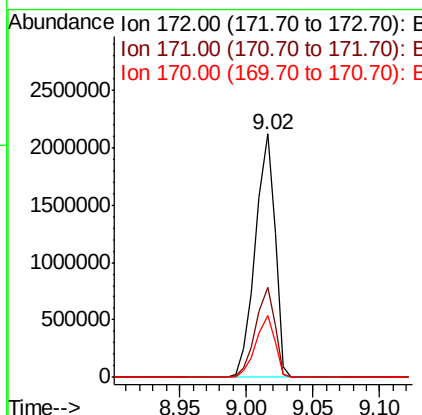
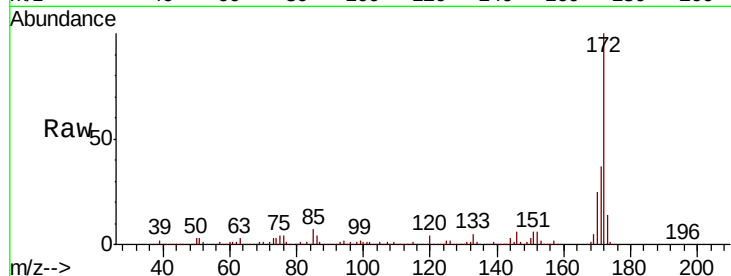
#45
2-Fluorobiphenyl
Concen: 84.531 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.3	46.9
170	25.2	21.4	32.0

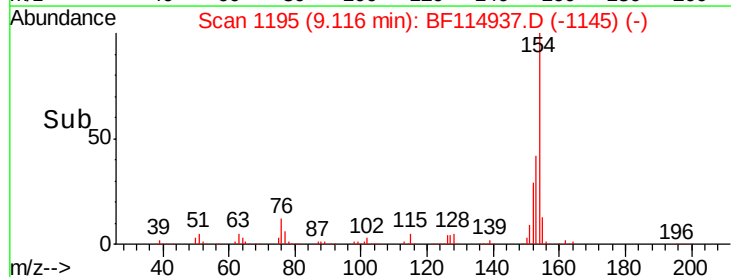
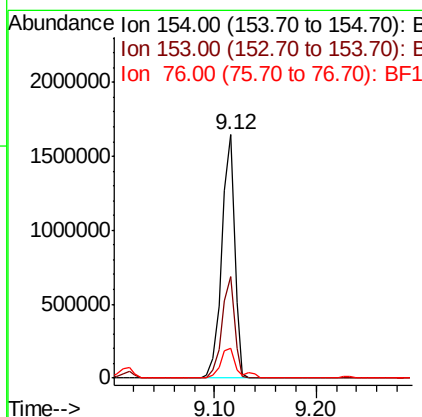
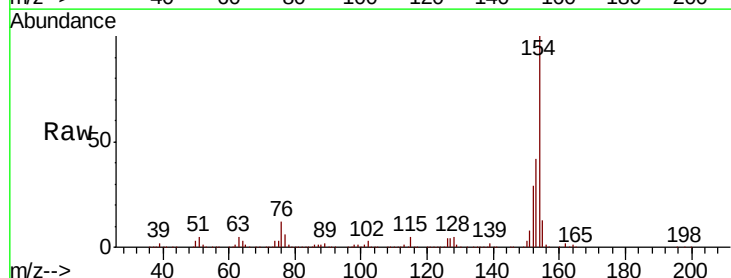
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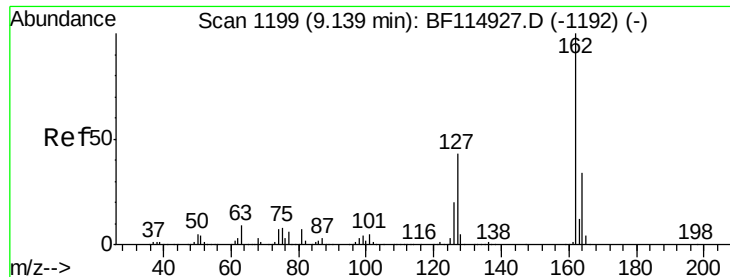
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#46
1,1'-Biphenyl
Concen: 48.407 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.5	0.0	33.0





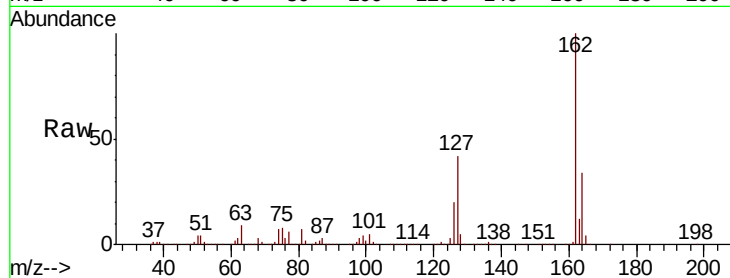
#47
 2-Chloronaphthalene
 Concen: 45.599 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

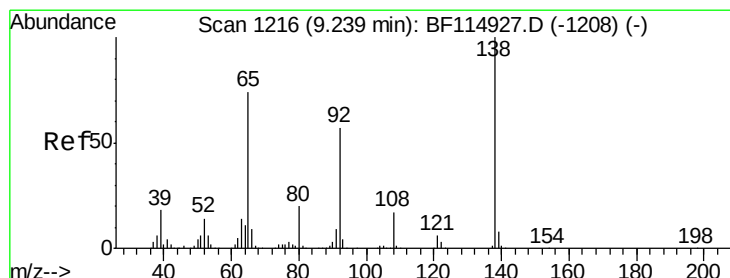
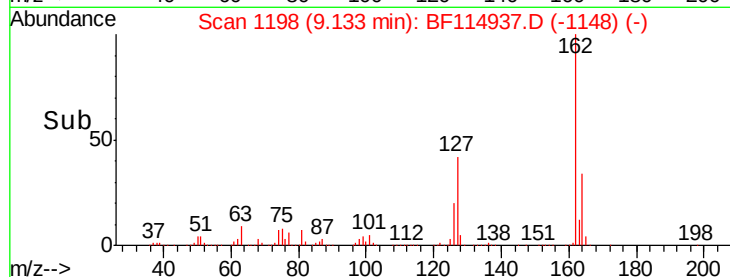
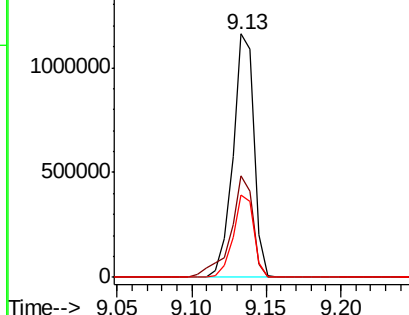
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.6	51.8
164	33.9	27.5	41.3

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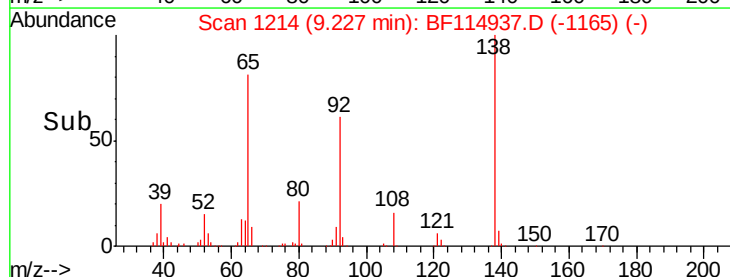
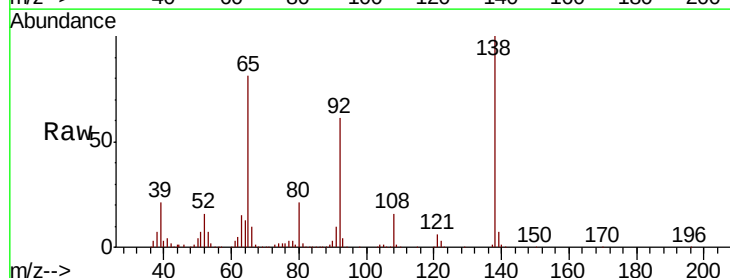
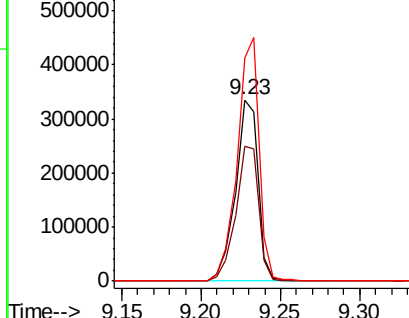
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

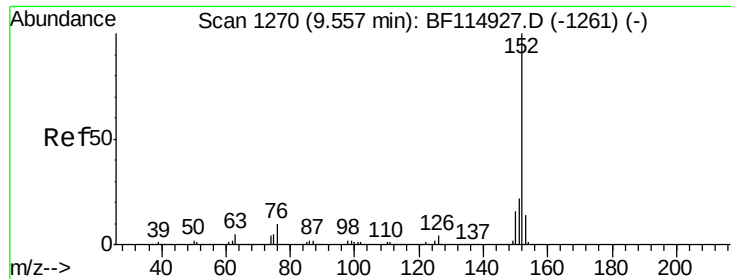


#48
 2-Nitroaniline
 Concen: 42.970 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	61.9	92.9
138	123.2	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: 48.626 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

Tgt Ion:152 Resp: 1813326

Ion Ratio Lower Upper

152 100

151 20.9 17.6 26.4

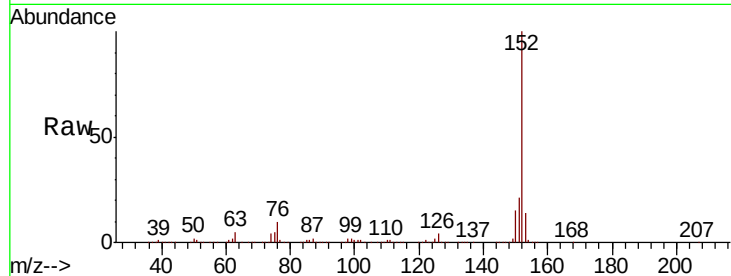
153 13.6 11.4 17.0

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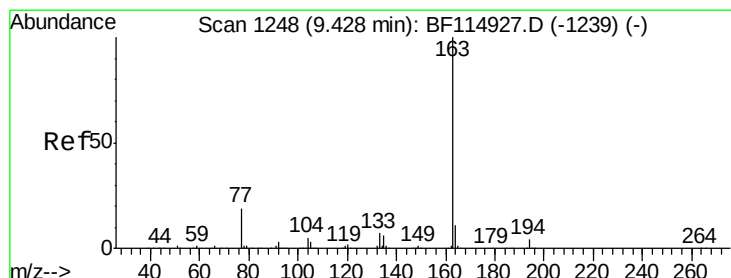
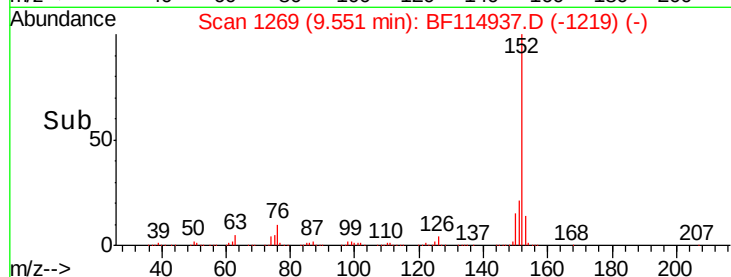
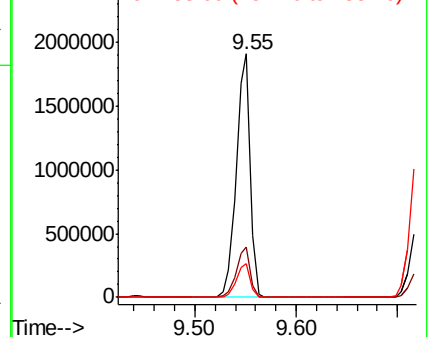


Abundance

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: 44.963 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

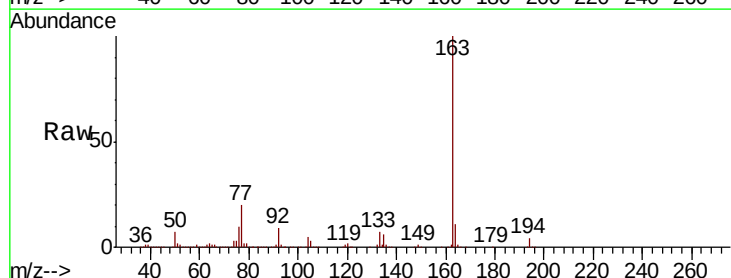
Tgt Ion:163 Resp: 1354104

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.6 8.7 13.1

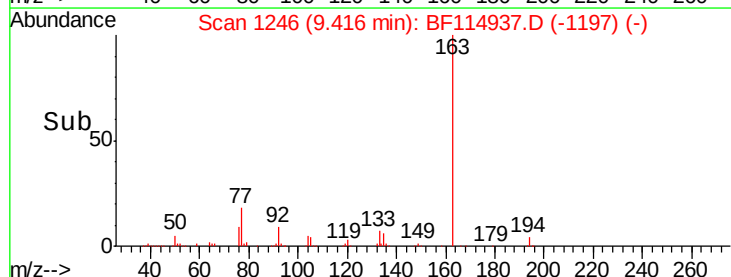
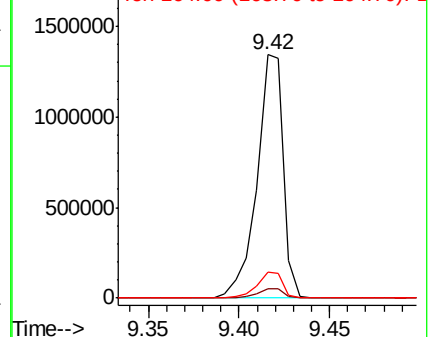


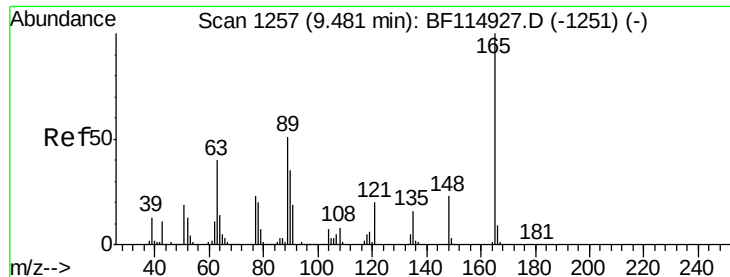
Abundance

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





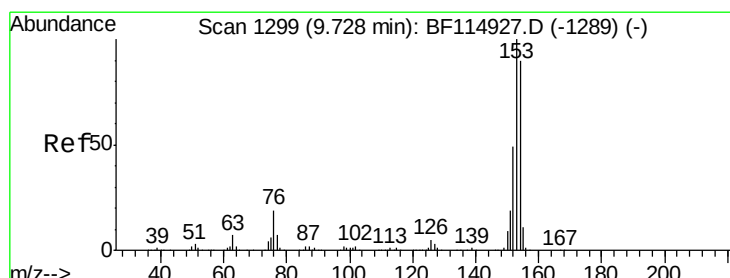
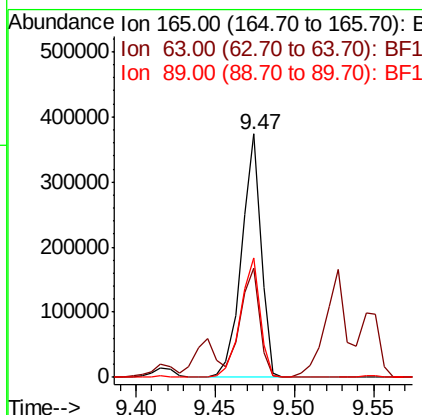
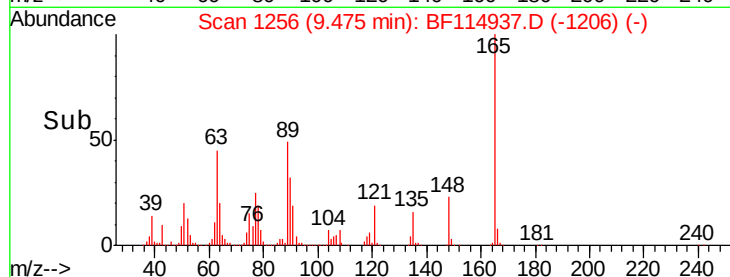
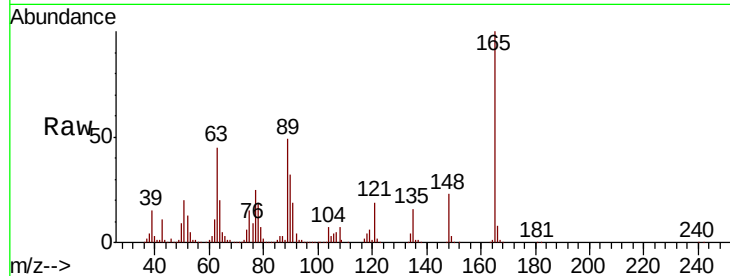
#51
 2,6-Dinitrotoluene
 Concen: 45.711 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	316190		
63	45.0	38.3	57.5	
89	48.9	40.8	61.2	

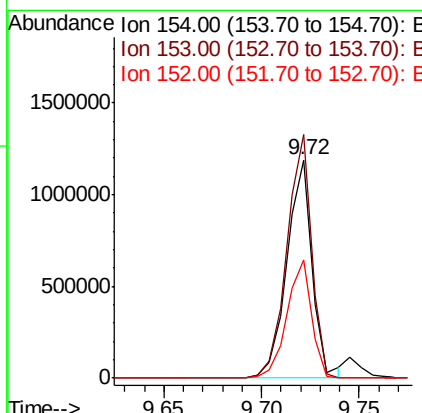
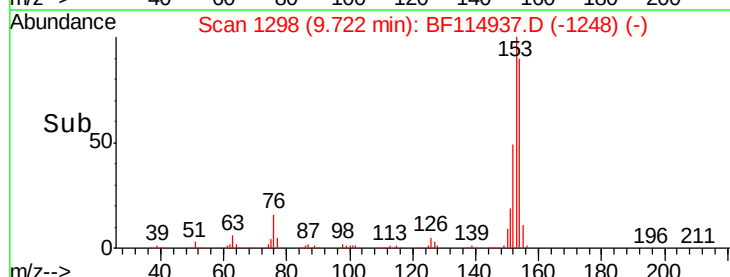
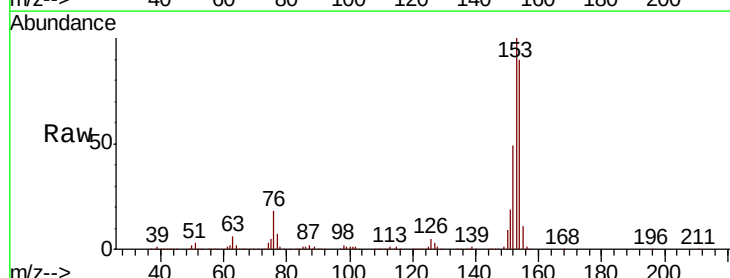
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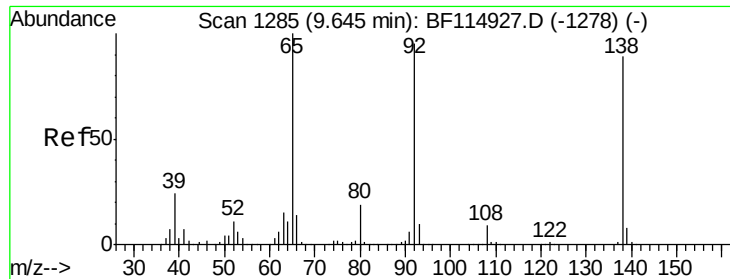
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#52
 Acenaphthene
 Concen: 47.092 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1063911		
153	111.5	89.1	133.7	
152	54.4	43.8	65.6	





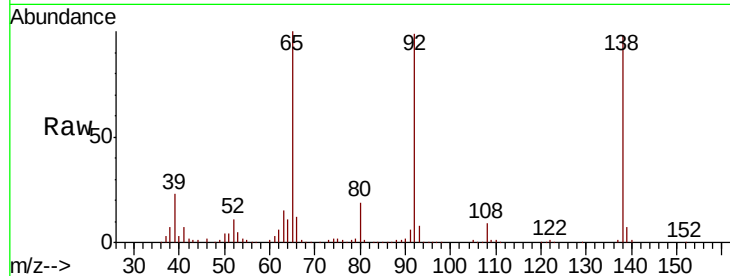
#53
3-Nitroaniline
Concen: 33.092 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

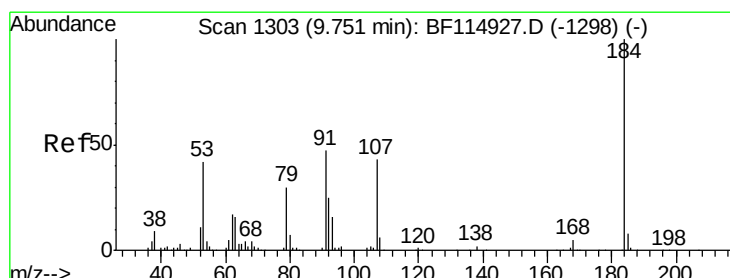
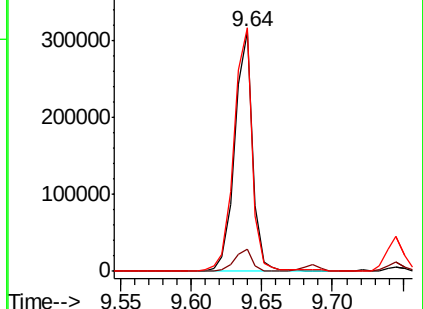
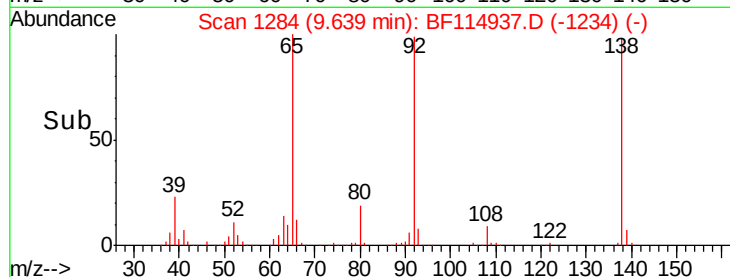
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	101.8	85.0	127.6

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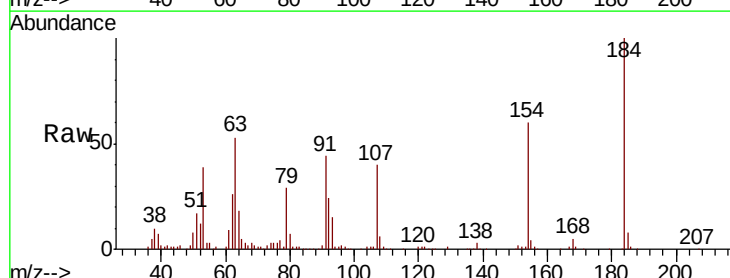


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

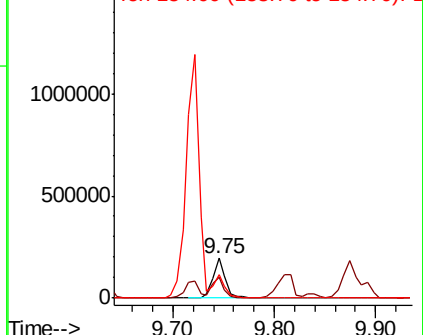
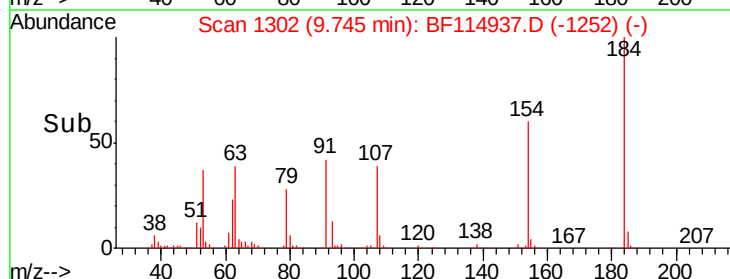


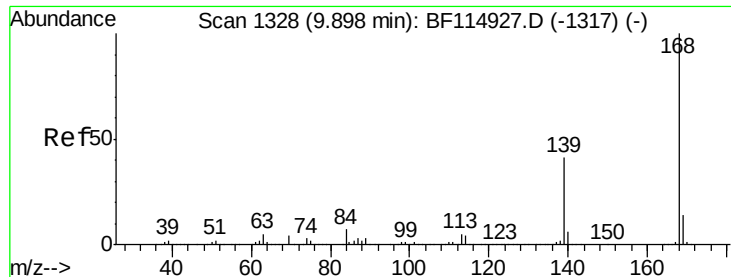
#54
2,4-Dinitrophenol
Concen: 50.313 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.7	47.4	71.0
154	59.8	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





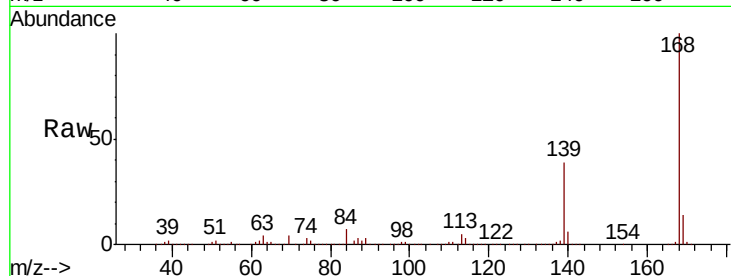
#55
Dibenzenofuran
Concen: 49.021 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

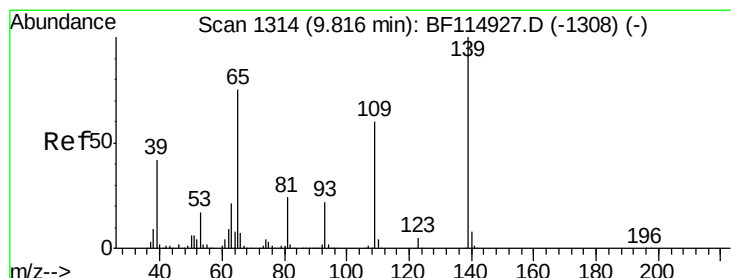
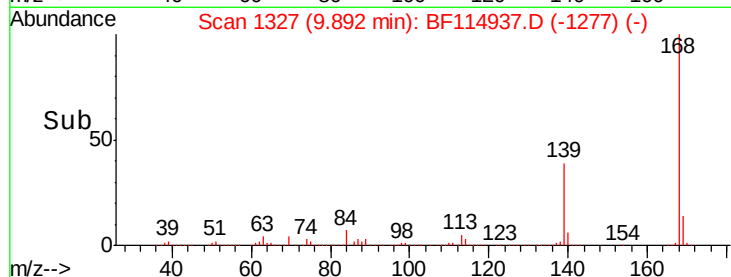
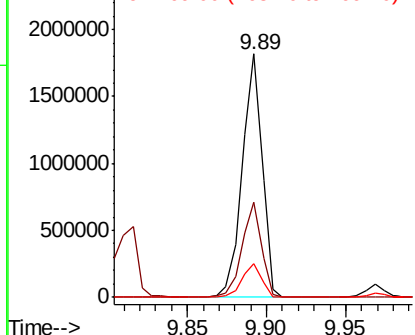
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	33.0	49.4
169	13.9	11.6	17.4

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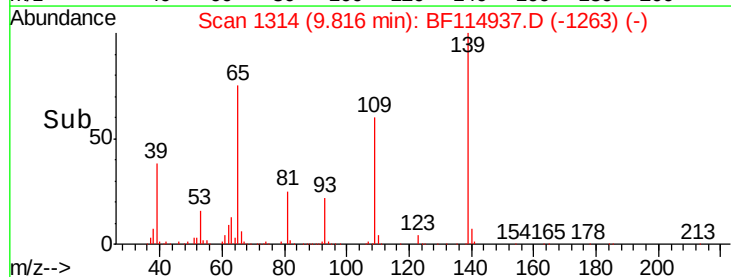
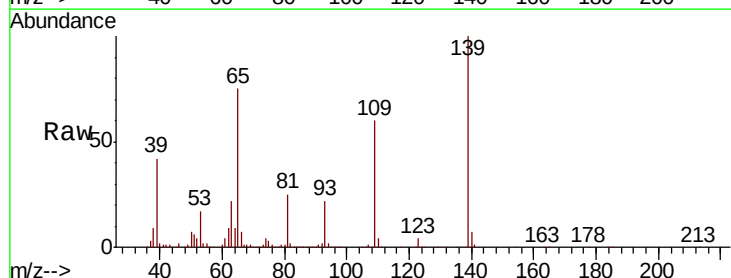
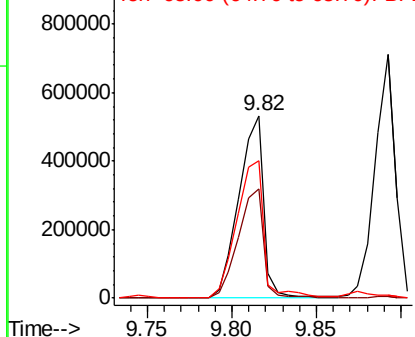
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

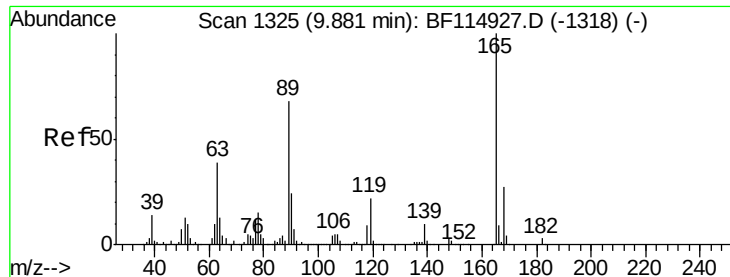


#56
4-Nitrophenol
Concen: 92.653 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.0	40.0	80.0
65	75.3	55.0	95.0

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





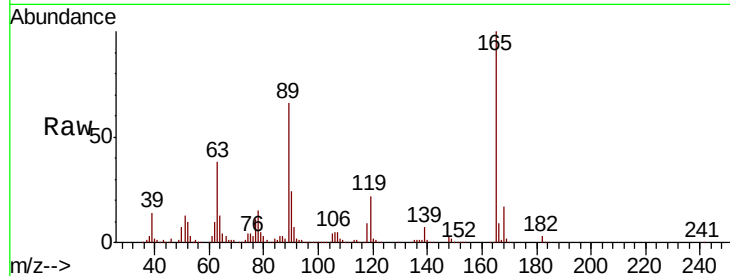
#57
2,4-Dinitrotoluene
Concen: 48.857 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

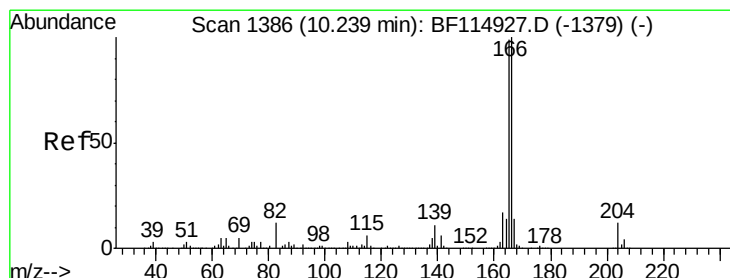
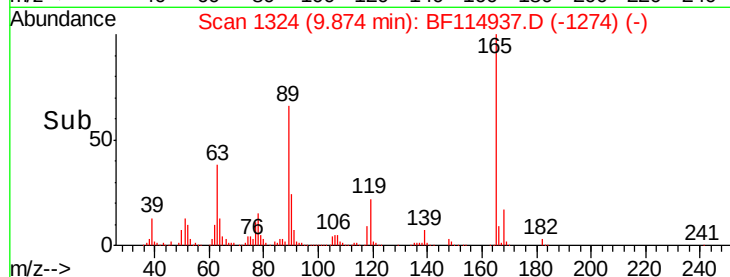
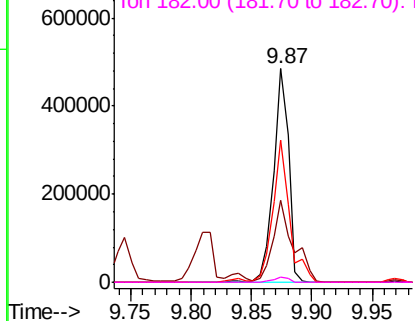
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	427178		
63	38.5	31.8	47.6	
89	66.5	54.2	81.2	
182	2.5	2.1	3.1	

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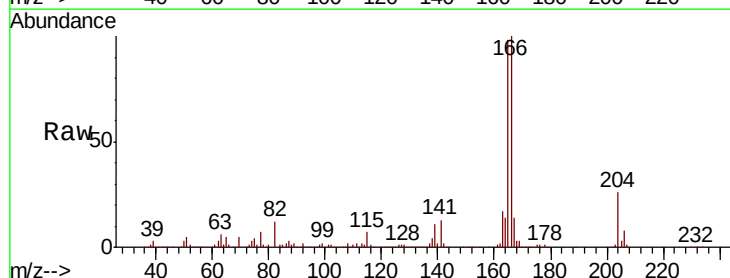


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

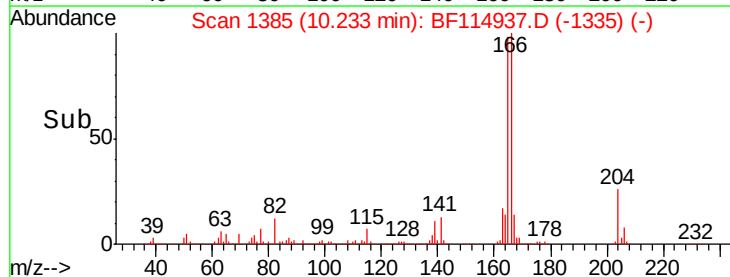
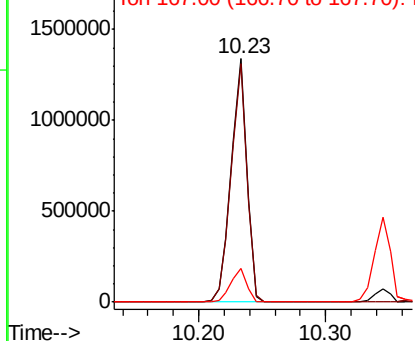


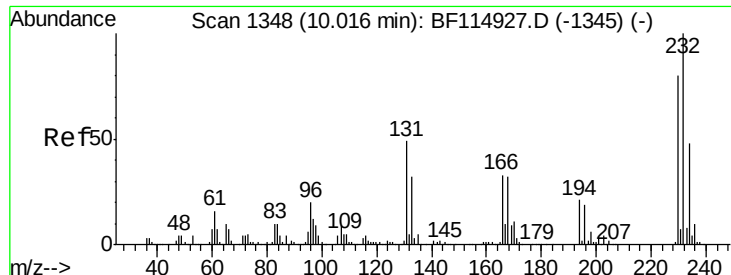
#58
Fluorene
Concen: 46.369 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1152727		
165	97.9	79.2	118.8	
167	13.6	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





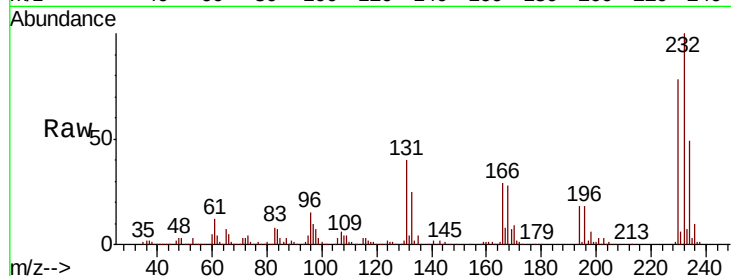
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.479 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

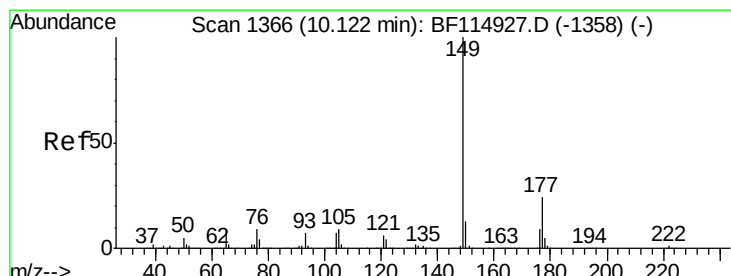
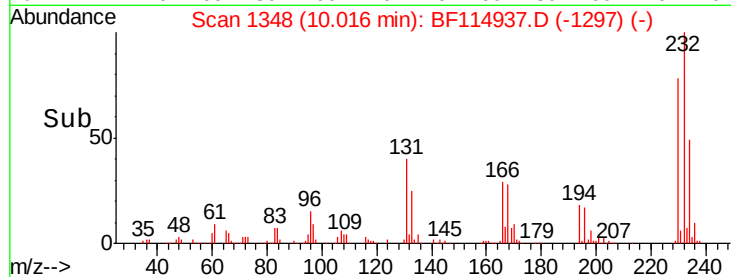
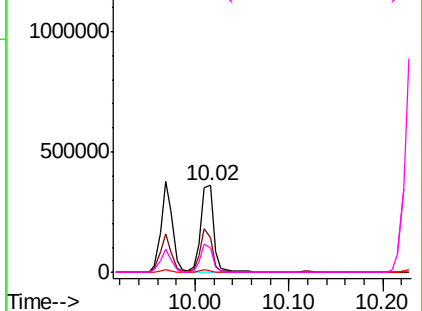
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	346213		
131	45.6	37.0	55.4	
130	2.2	1.8	2.6	
166	30.5	25.0	37.6	

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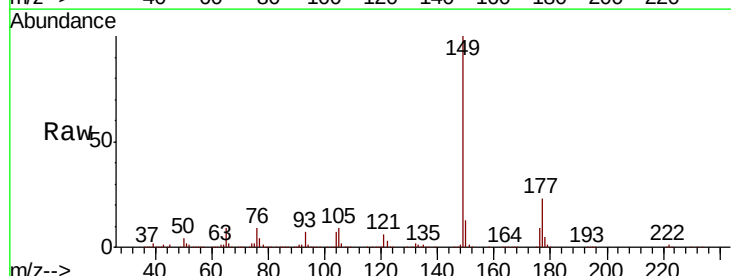


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

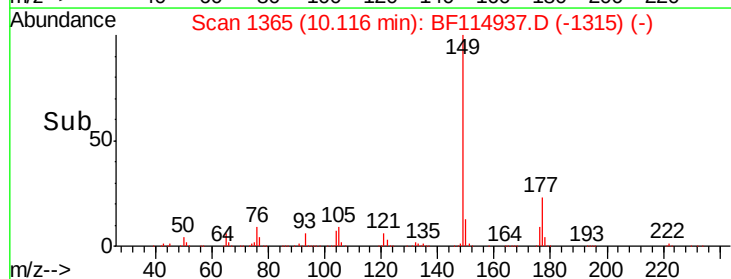
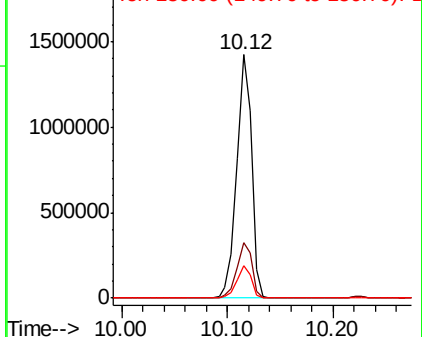


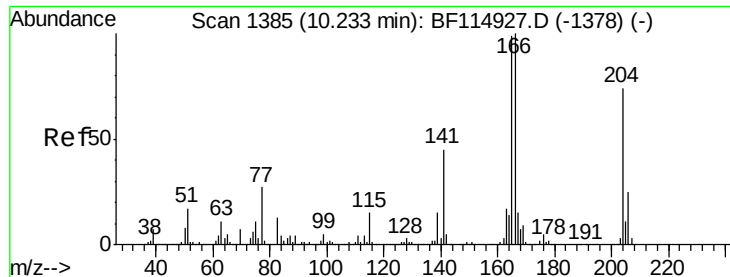
#60
 Diethylphthalate
 Concen: 46.492 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1360837		
177	22.7	19.1	28.7	
150	13.1	10.6	16.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





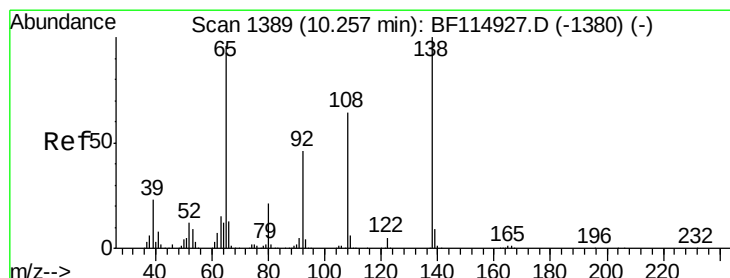
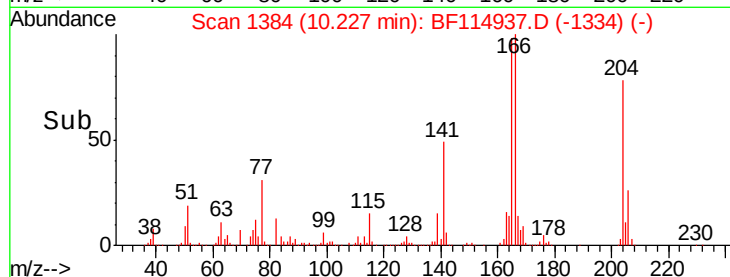
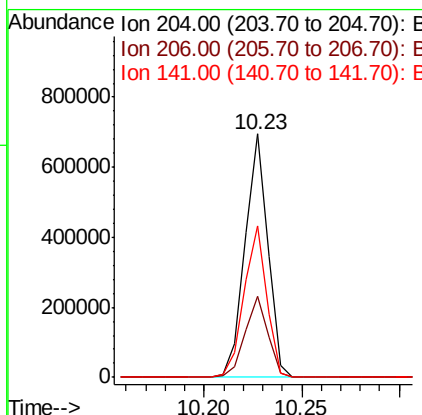
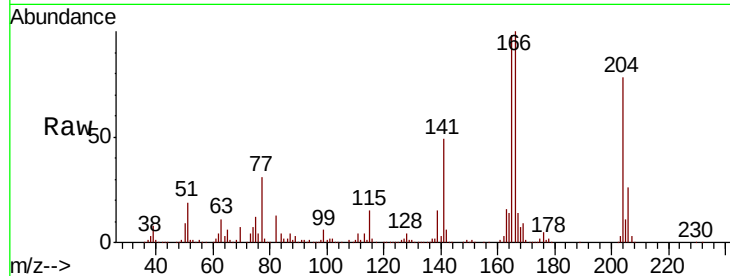
#61
4-Chlorophenyl-phenylether
Concen: 45.238 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	563010		
206	33.5	26.8	40.2	
141	62.1	48.5	72.7	

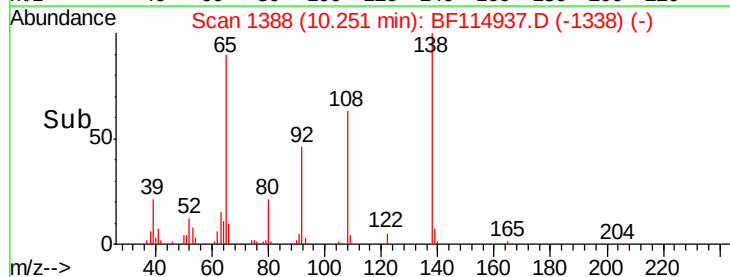
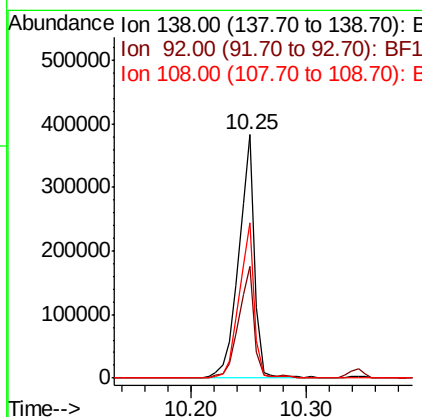
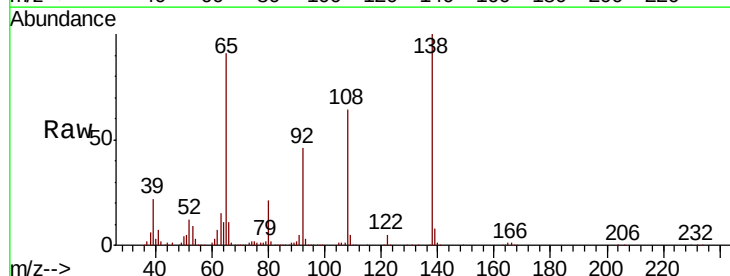
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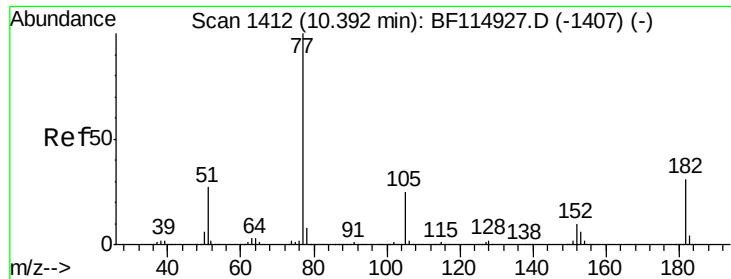
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#62
4-Nitroaniline
Concen: 43.093 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

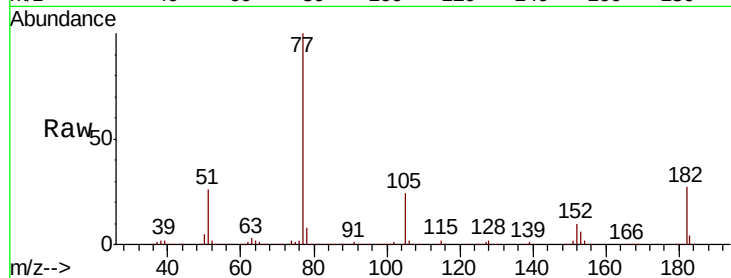
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	366826		
92	45.8	26.0	66.0	
108	63.7	44.0	84.0	





#63
Azobenzene
Concen: 47.046 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

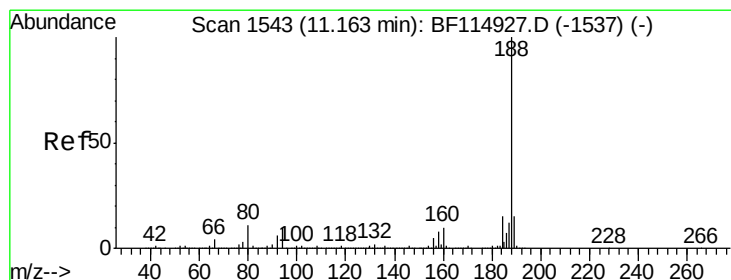
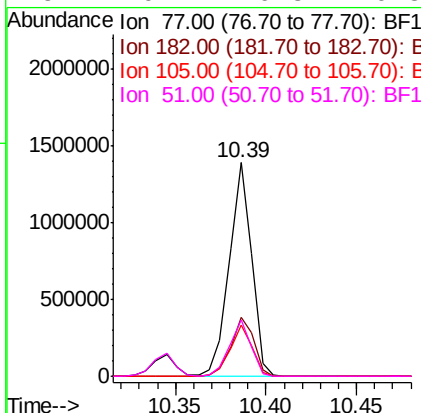
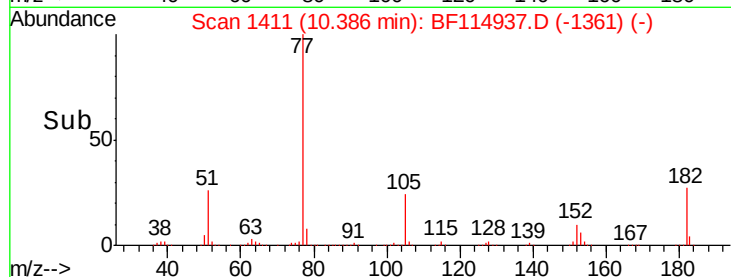
Instrument :
BNA_F
ClientSampleId :
PB120177BS



Tgt Ion: 77 Resp: 1198575
Ion Ratio Lower Upper
77 100
182 27.5 10.8 50.8
105 24.0 5.3 45.3
51 26.1 6.8 46.8

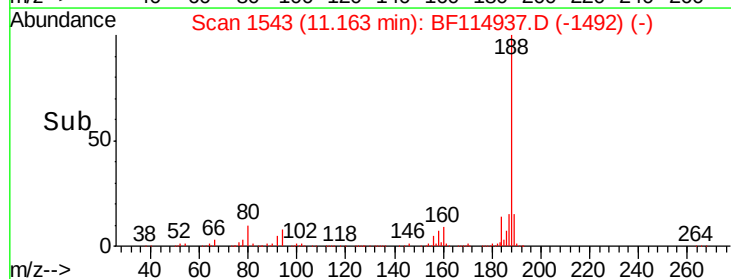
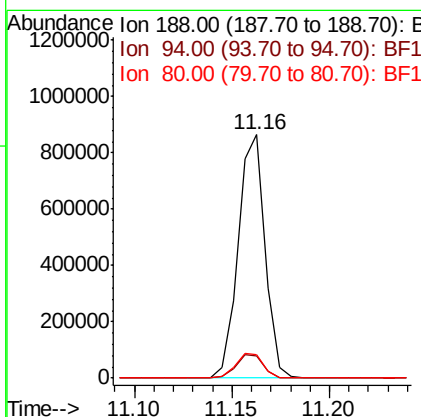
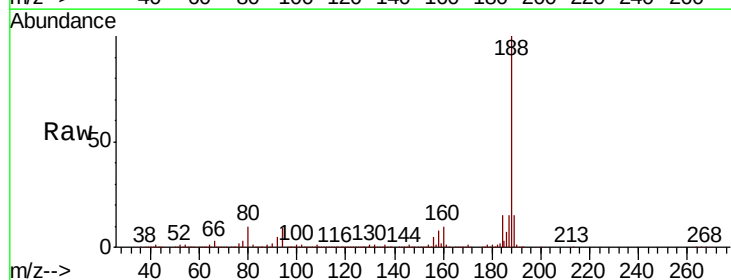
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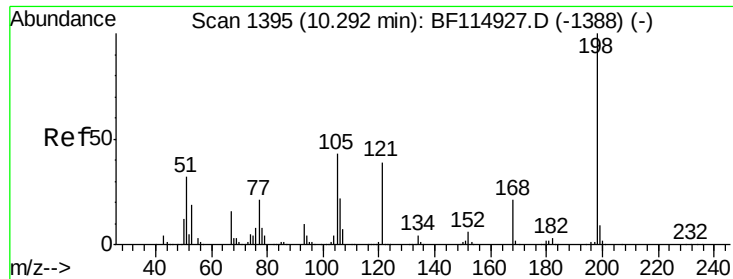
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion: 188 Resp: 821442
Ion Ratio Lower Upper
188 100
94 9.2 8.1 12.1
80 9.8 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 32.409 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

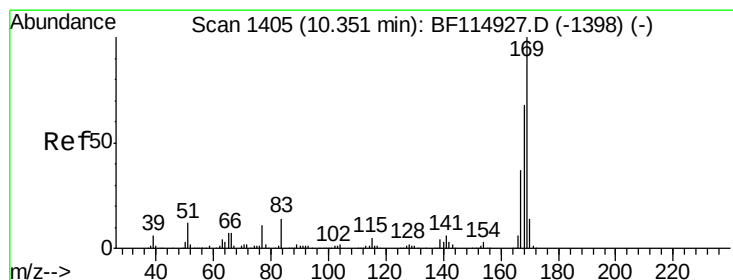
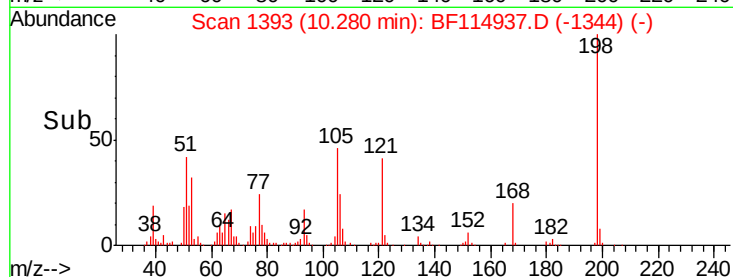
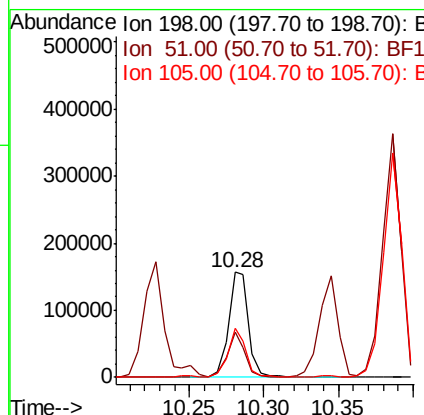
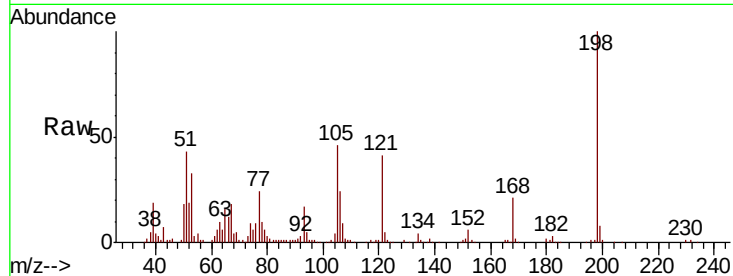
ClientSampleId :

PB120177BS

Tgt Ion:	198	Resp:	149297
Ion Ratio	Lower	Upper	
198	100		
51	42.6	16.8	56.8
105	46.1	23.5	63.5

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#66

n-Nitrosodiphenylamine

Concen: 45.326 ng

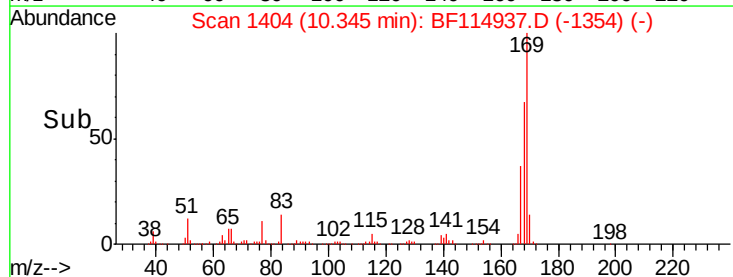
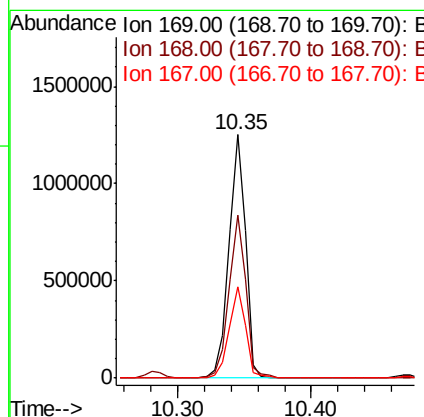
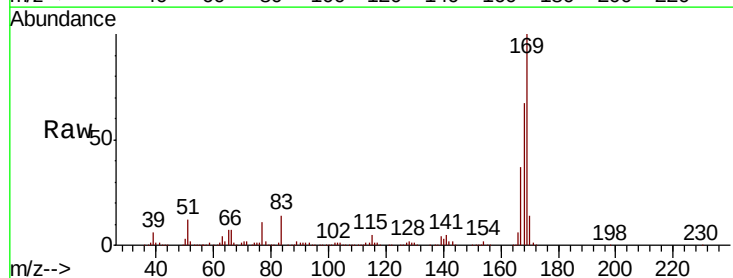
RT: 10.35 min Scan# 1404

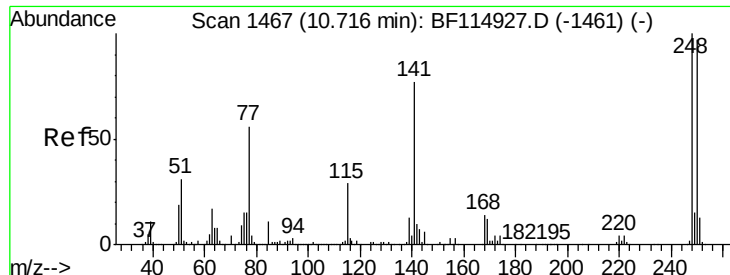
Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:	169	Resp:	1106173
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.2	81.2
167	37.4	29.4	44.2





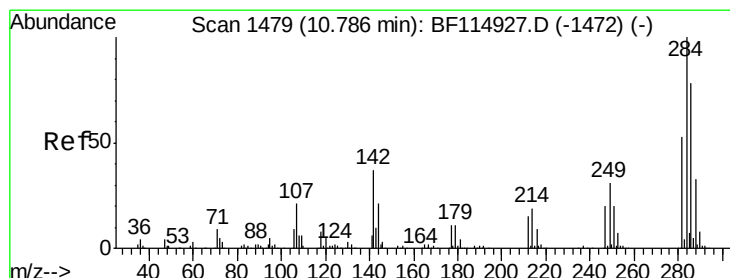
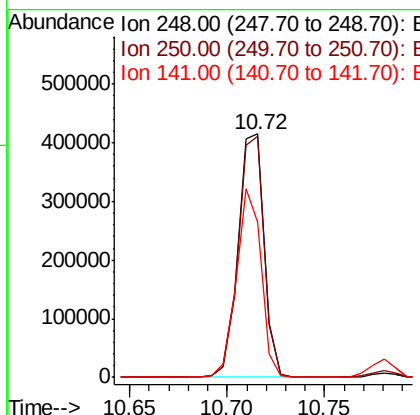
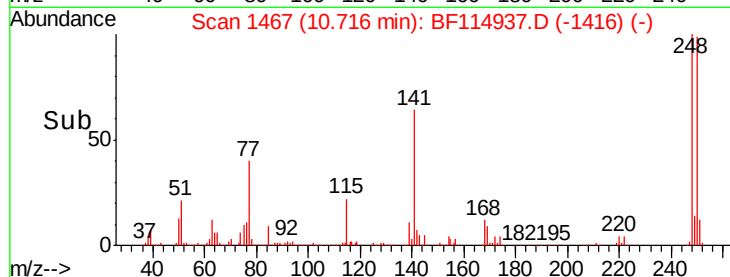
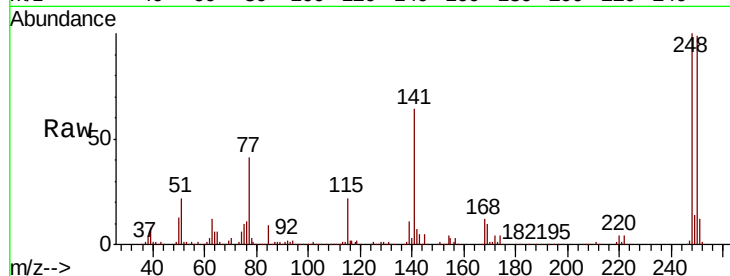
#67
 4-Bromophenyl-phenylether
 Concen: 43.093 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampled :
 PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	383426		
250	99.0	77.4	116.0	
141	63.5	61.8	92.6	

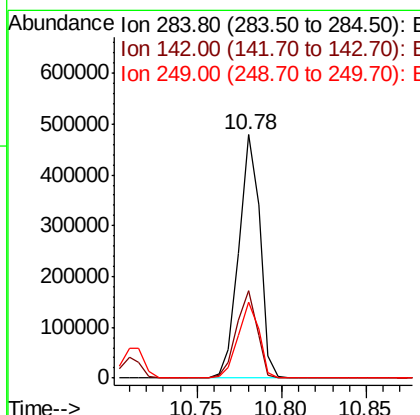
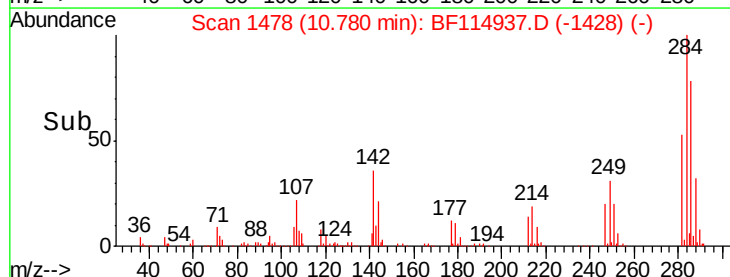
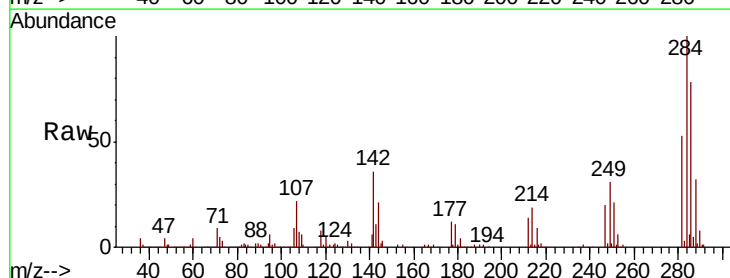
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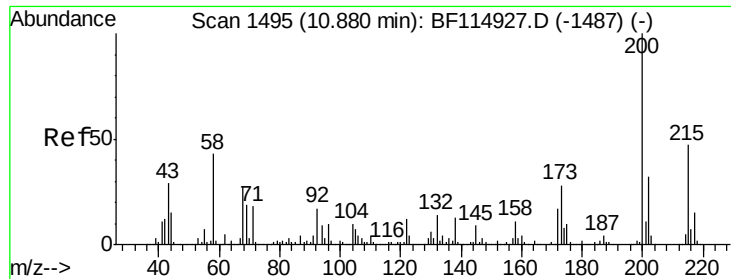
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#68
 Hexachlorobenzene
 Concen: 42.392 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	416530		
142	36.2	29.3	43.9	
249	31.3	25.1	37.7	





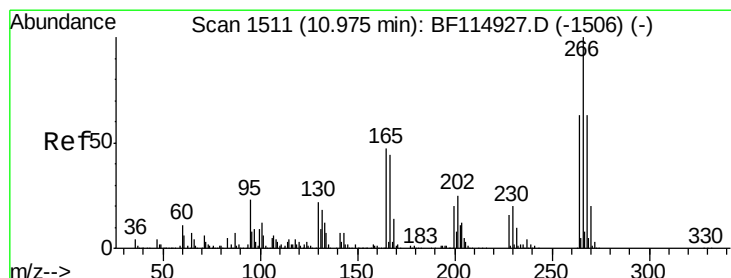
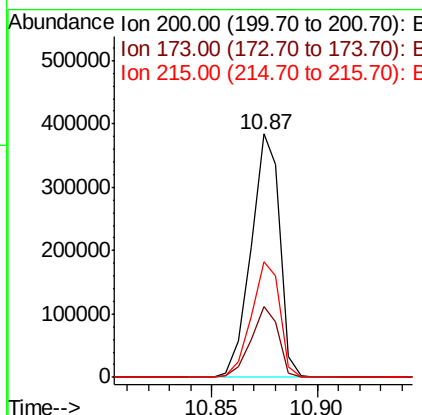
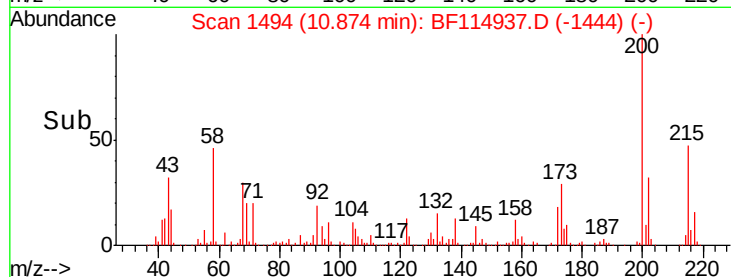
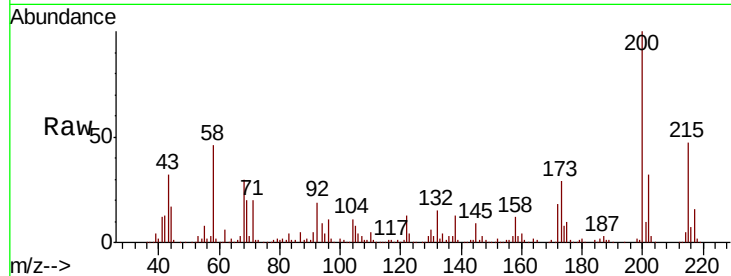
#69
 Atrazine
 Concen: 44.094 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	8.3	48.3
215	47.3	26.6	66.6

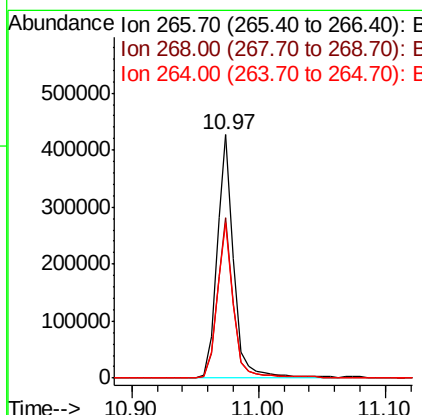
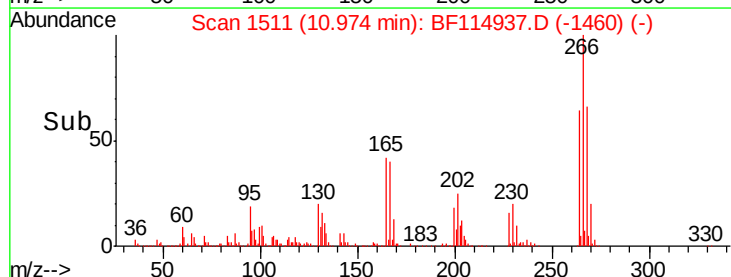
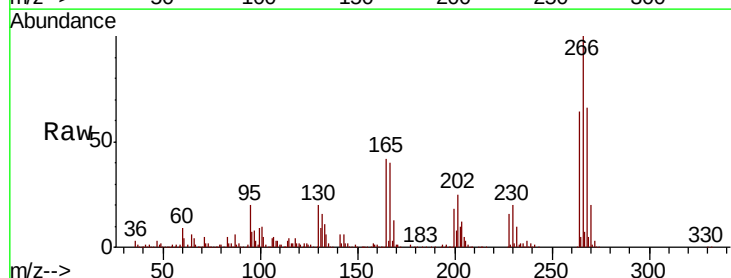
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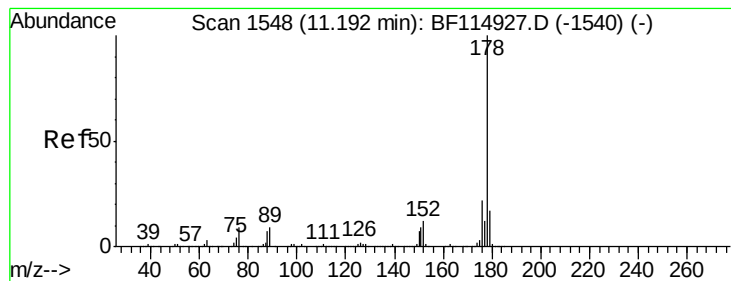
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#70
 Pentachlorophenol
 Concen: 71.600 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.7	50.8	76.2
264	63.6	50.4	75.6





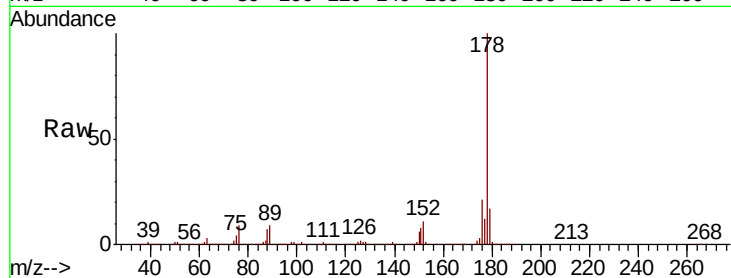
#71
 Phenanthrene
 Concen: 46.571 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.4	26.2
179	16.5	13.6	20.4

Manual Integrations
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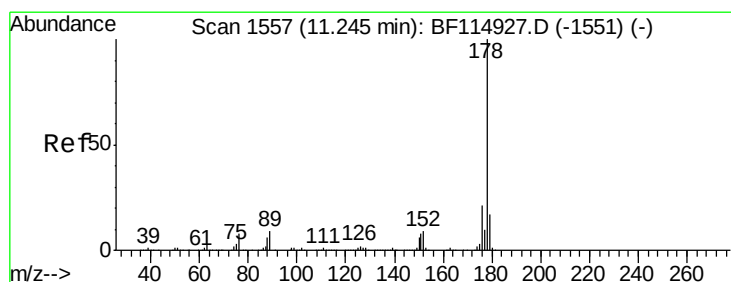
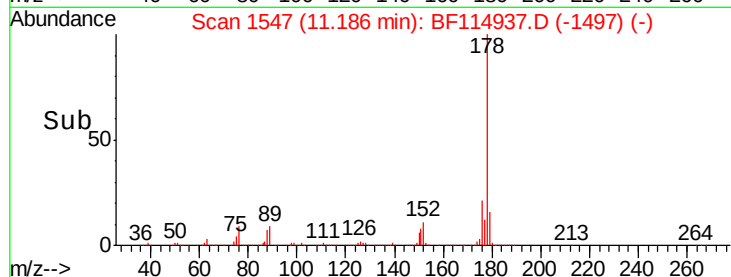
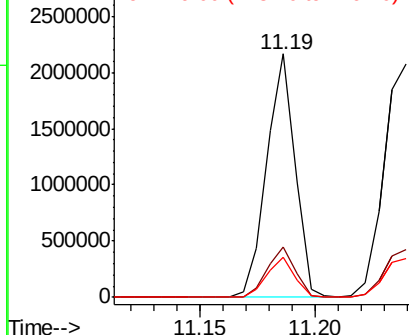


Abundance

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: 47.839 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

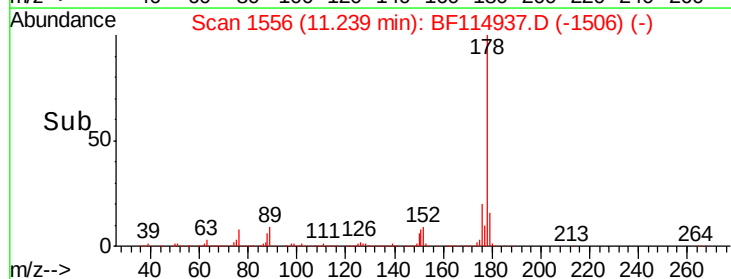
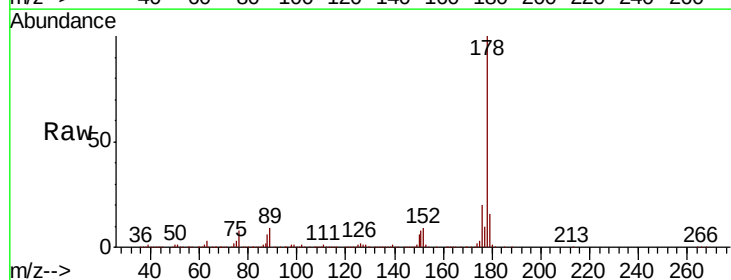
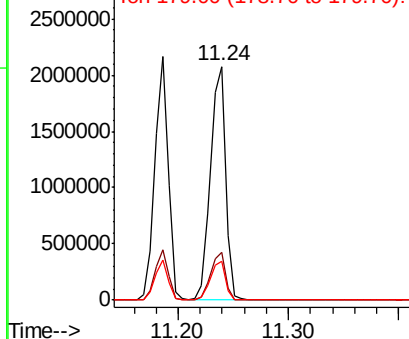
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	16.4	13.4	20.2

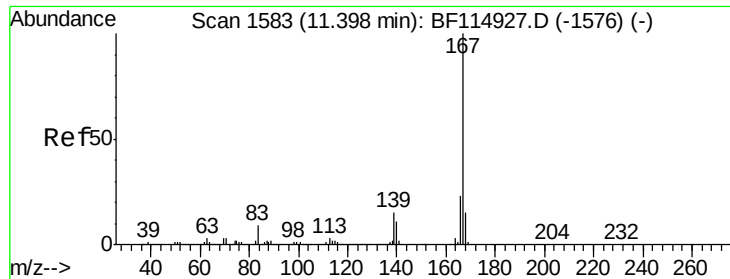
Abundance

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





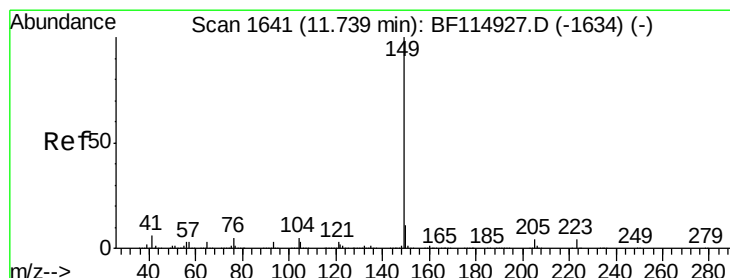
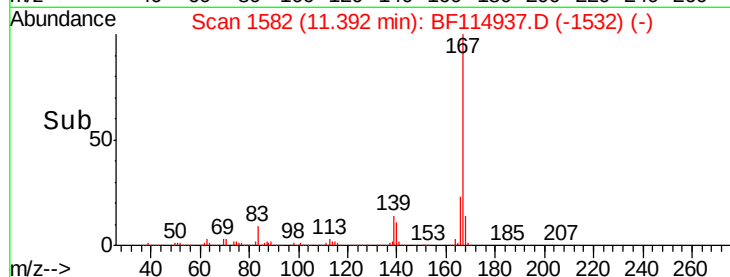
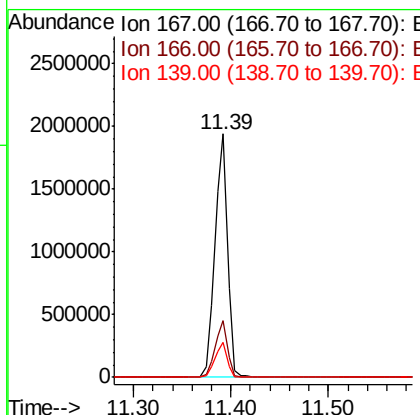
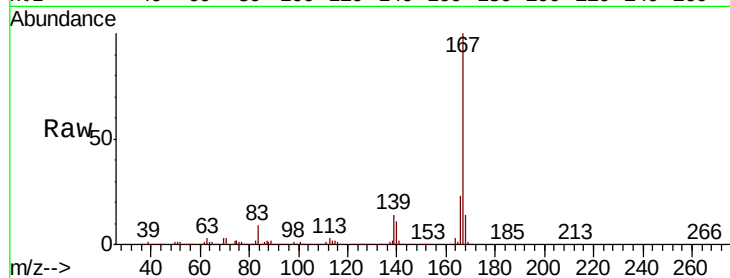
#73
 Carbazole
 Concen: 47.191 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tgt Ion:167 Resp: 1738000
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.8 28.2
 139 14.3 11.6 17.4

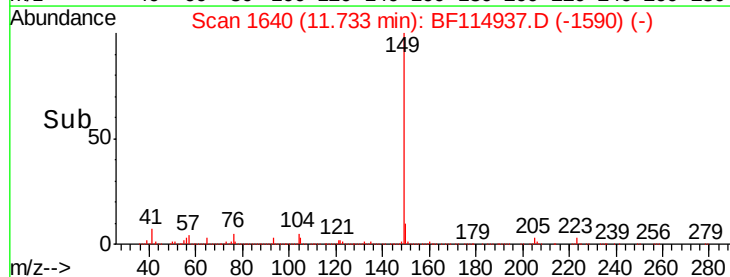
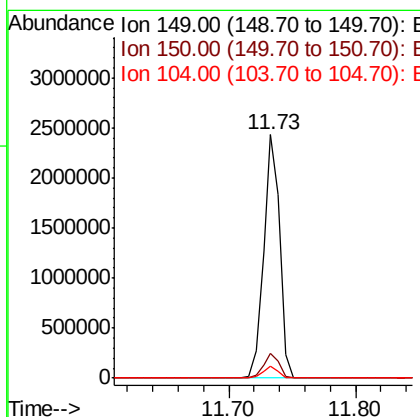
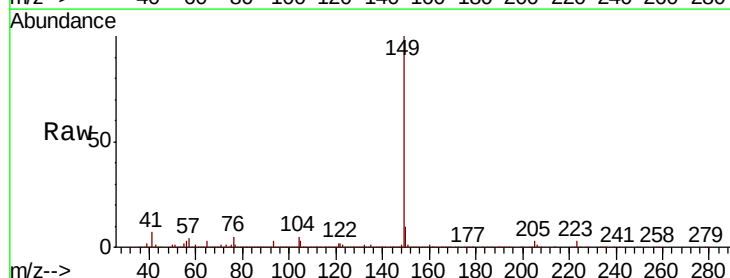
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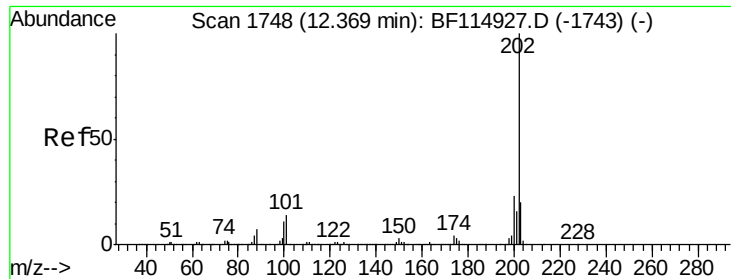
mohammad
 6/12/2019 9:03:27 AM



#74
 Di-n-butylphthalate
 Concen: 47.316 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:149 Resp: 2153602
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.5 12.7
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 47.750 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

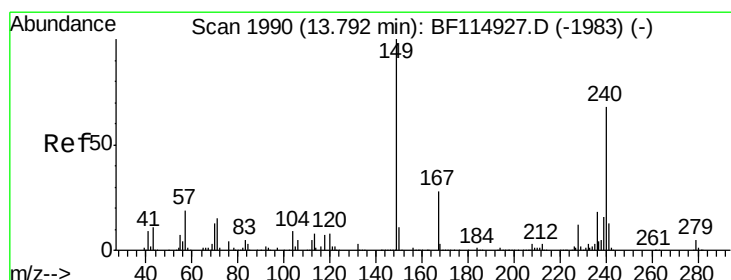
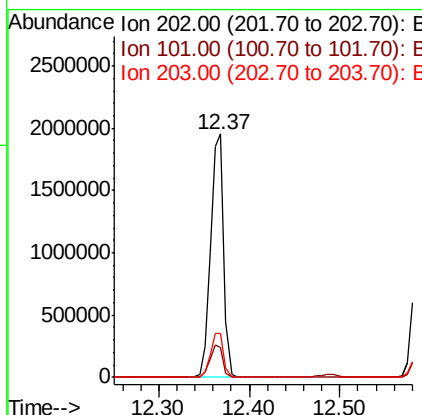
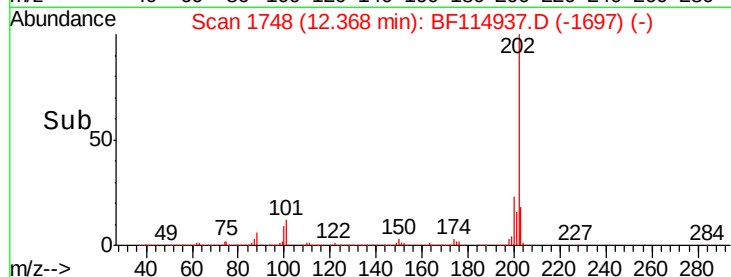
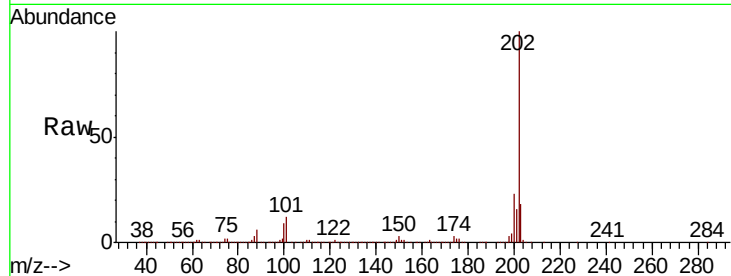
ClientSampleId :

PB120177BS

Tgt Ion:	202	Resp:	1968388
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.3
203	18.2	0.0	39.6

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#76

Chrysene-d12

Concen: 20.000 ng

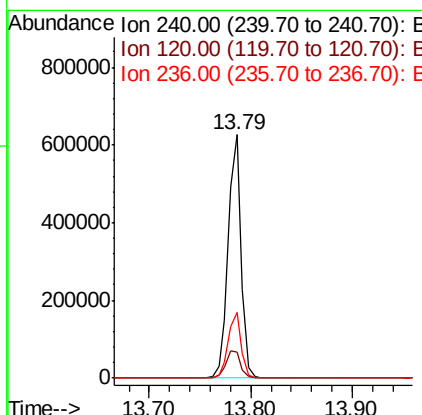
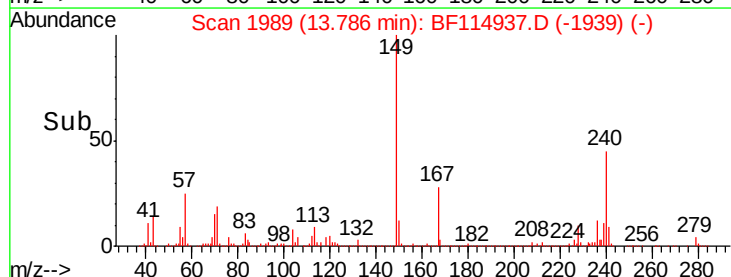
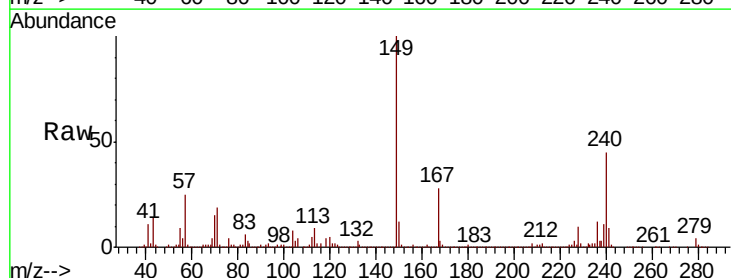
RT: 13.79 min Scan# 1989

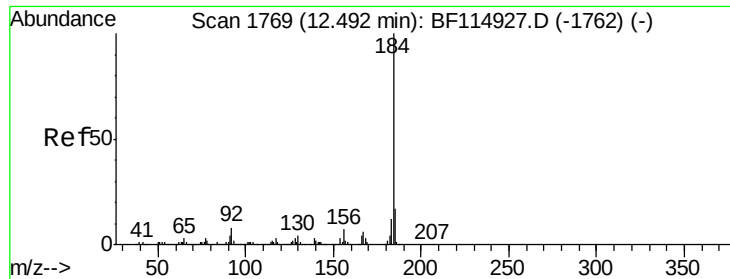
Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:	240	Resp:	555653
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.2	13.8
236	26.8	21.7	32.5





#77

Benzidine

Concen: 35.520 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

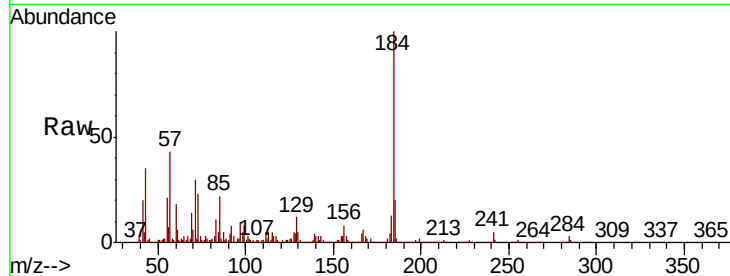
ClientSampleId :

PB120177BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	863742		
185	20.2	13.4	20.0#	
183	12.9	9.8	14.6	

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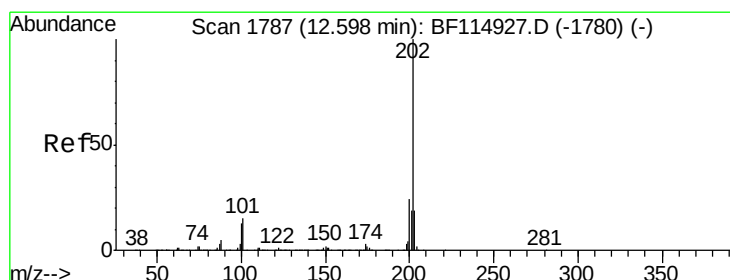
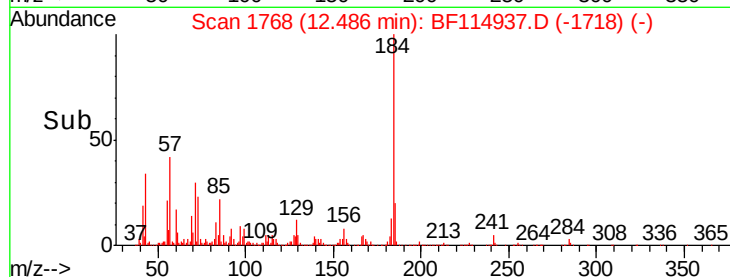
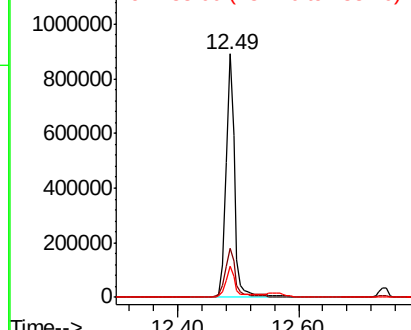


Abundance

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: 40.298 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

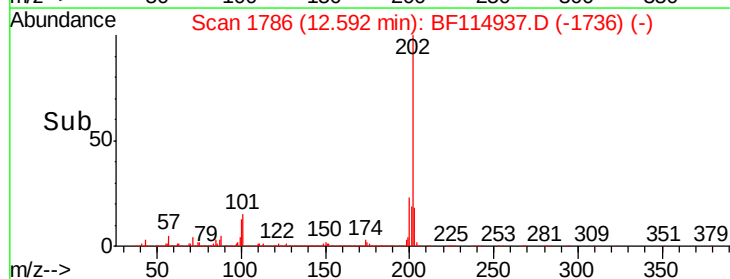
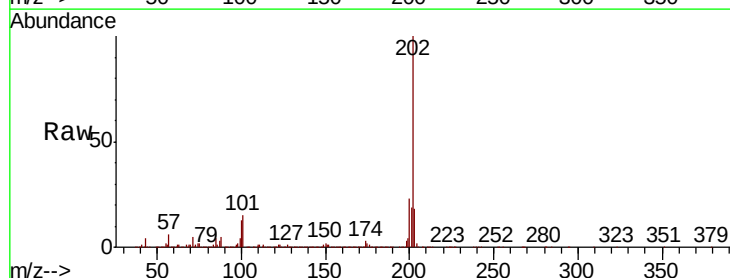
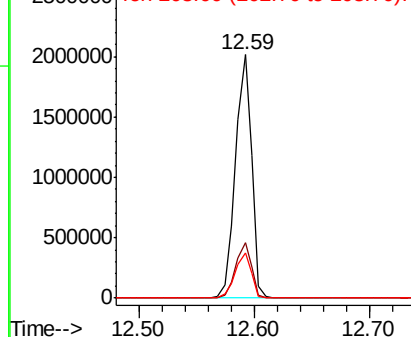
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1950137		
200	22.8	18.9	28.3	
203	18.4	15.2	22.8	

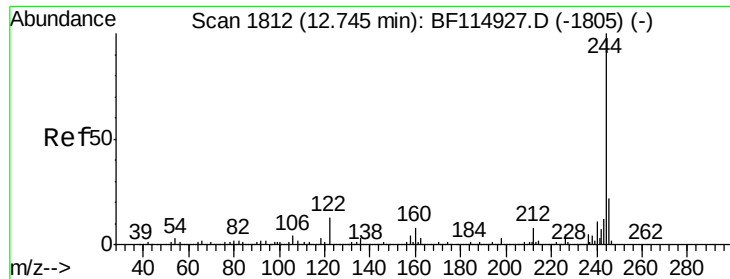
Abundance

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





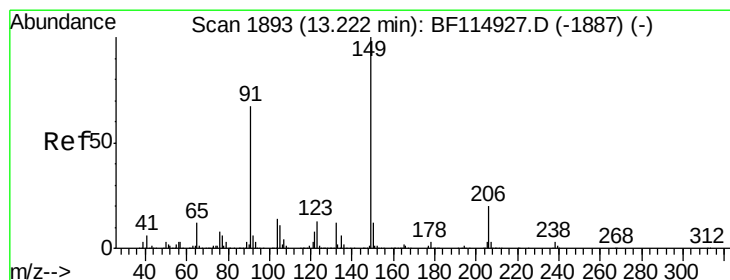
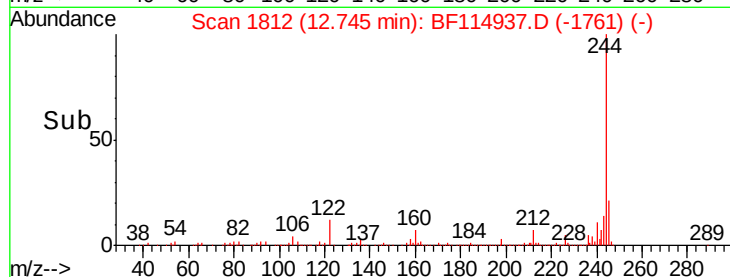
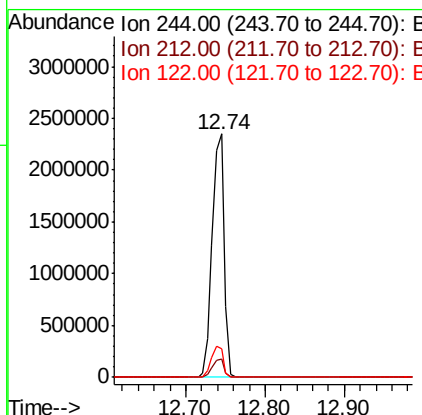
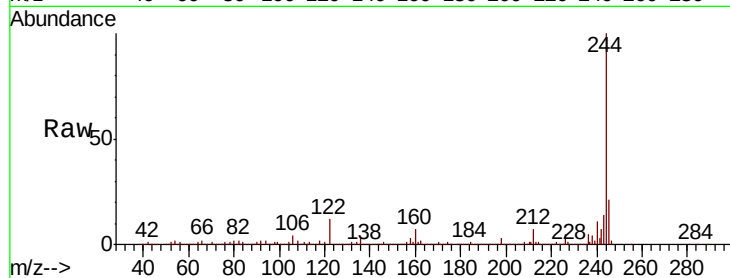
#79
 Terphenyl-d14
 Concen: 88.370 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tgt Ion:244 Resp: 2469093
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.6 10.2 15.4

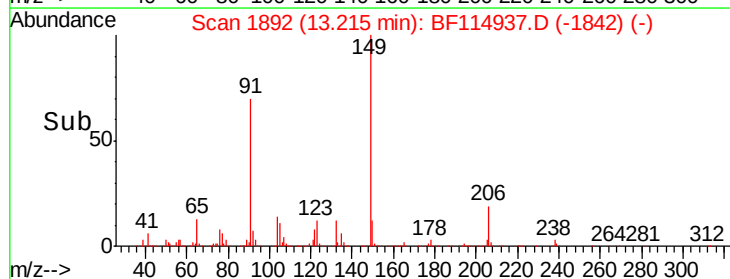
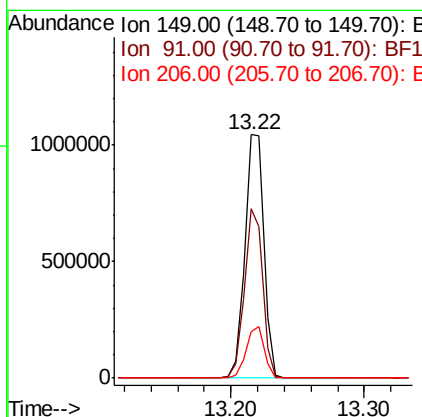
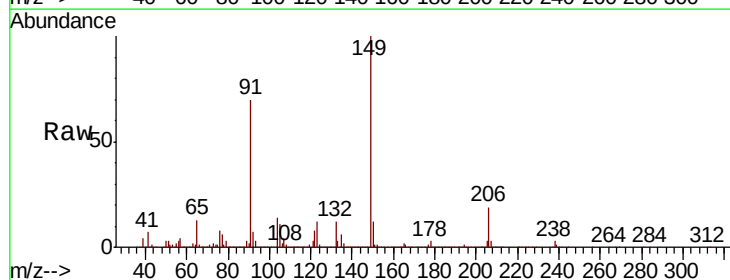
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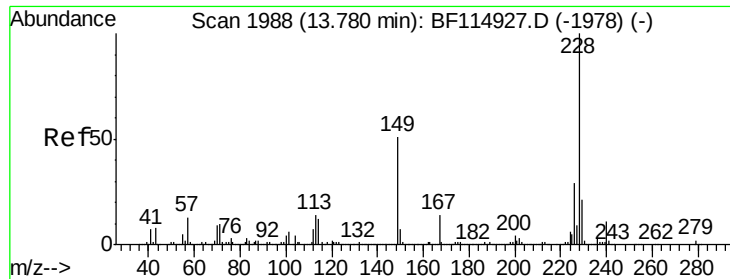
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.630 ng
 RT: 13.22 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:149 Resp: 1016326
 Ion Ratio Lower Upper
 149 100
 91 69.6 53.8 80.8
 206 19.2 16.3 24.5





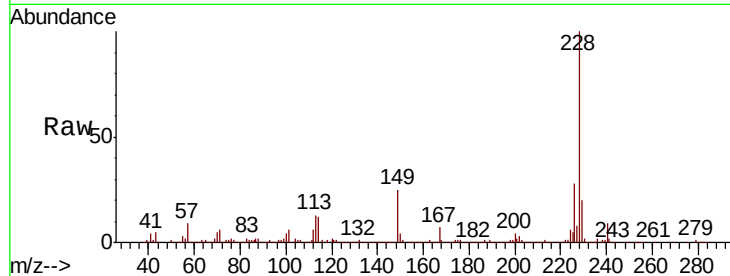
#81
Benzo(a)anthracene
Concen: 43.638 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

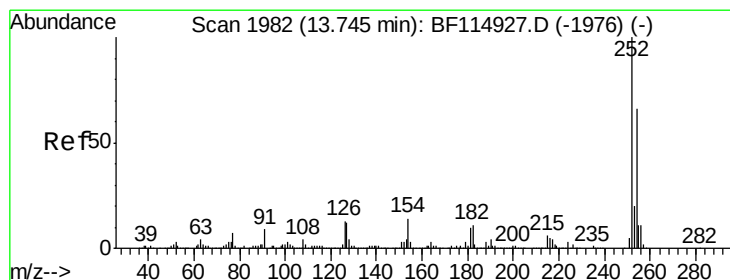
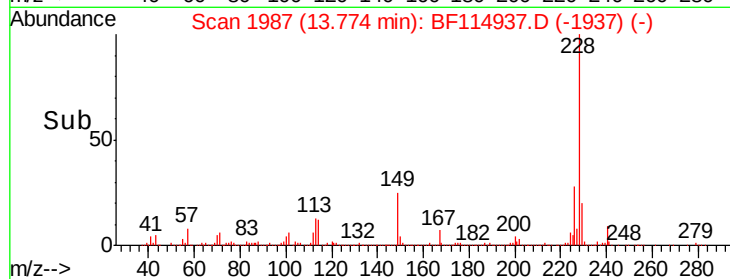
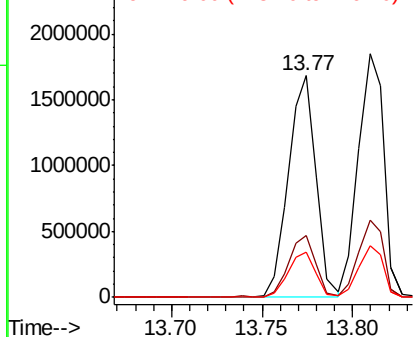
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.4	16.6	25.0

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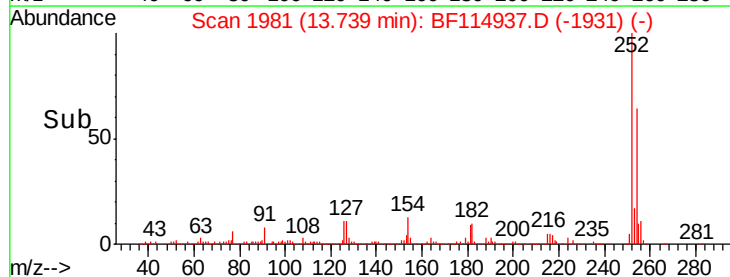
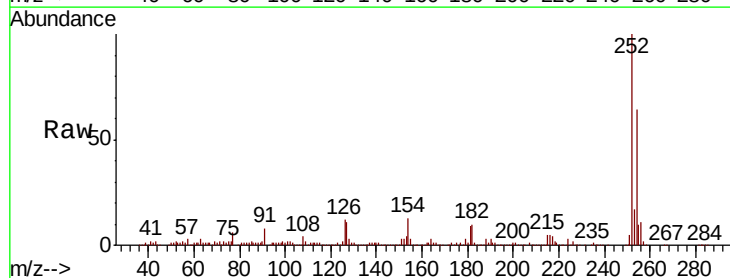
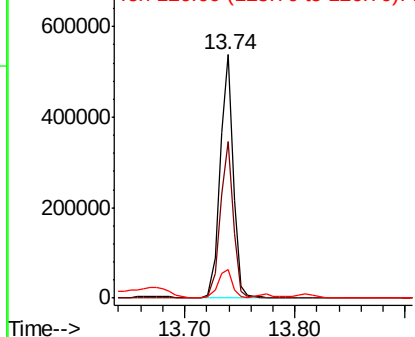
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

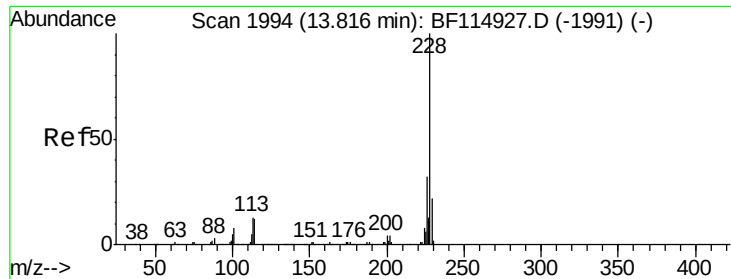


#82
3,3'-Dichlorobenzidine
Concen: 26.668 ng
RT: 13.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	11.5	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





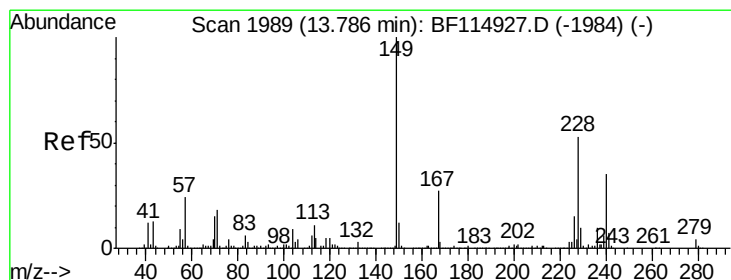
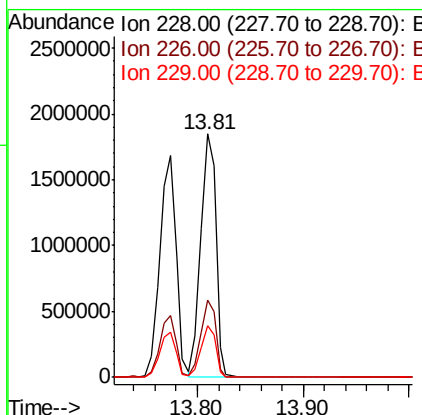
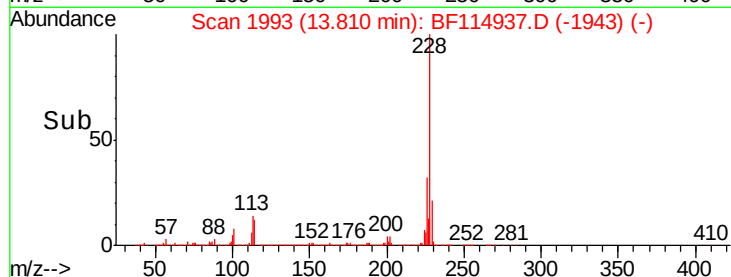
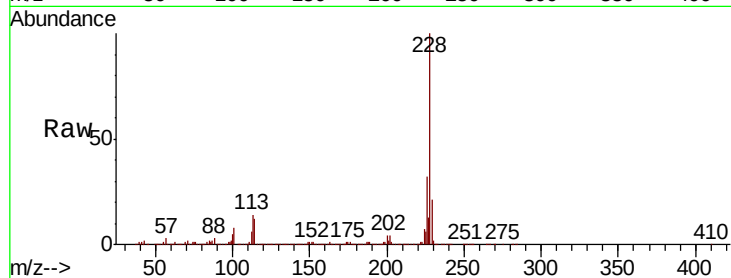
#83
Chrysene
Concen: 44.324 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion: 228 Resp: 1828703
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 21.3 17.2 25.8

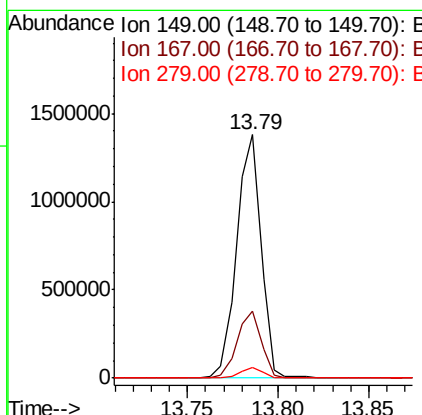
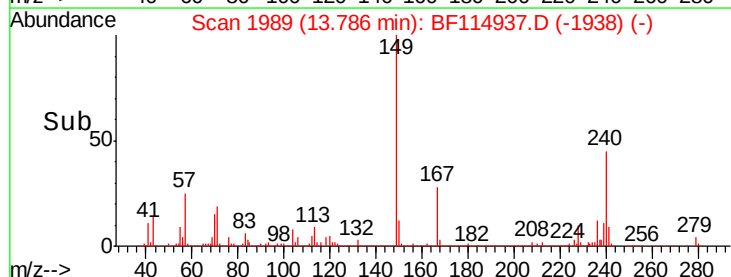
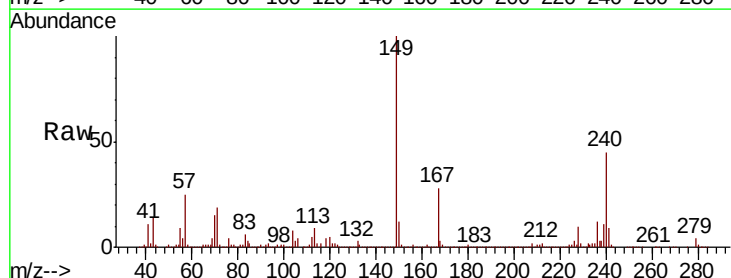
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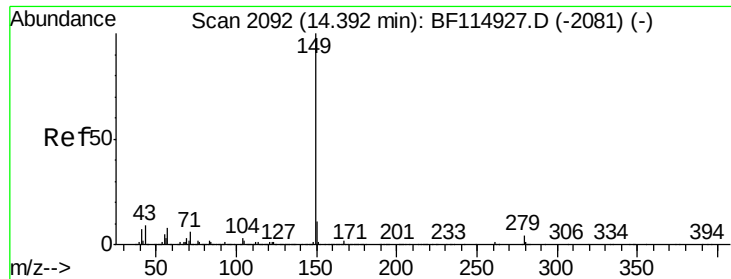
mohammad
6/12/2019 9:03:27 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.221 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion: 149 Resp: 1290551
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 42.875 ng

RT: 14.40 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

Tgt Ion:149 Resp: 2186842

Ion Ratio Lower Upper

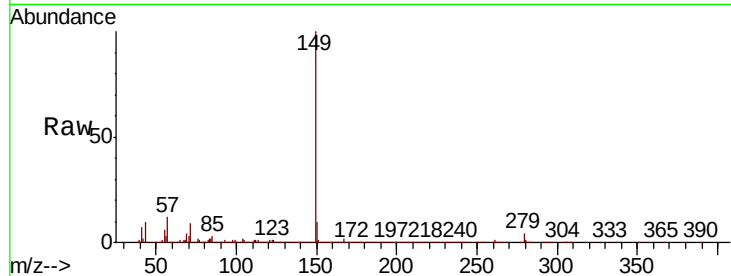
149 100

167 1.9 1.4 2.0

43 47.5 6.8 10.2#

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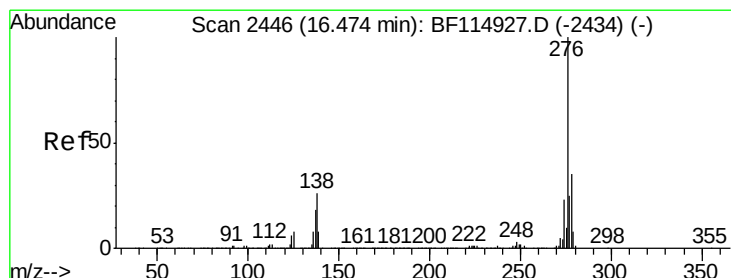
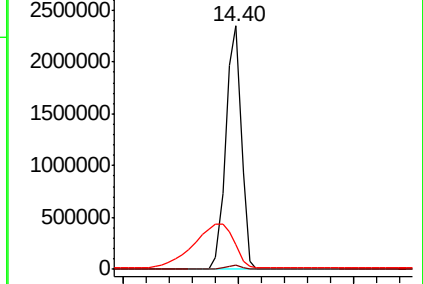
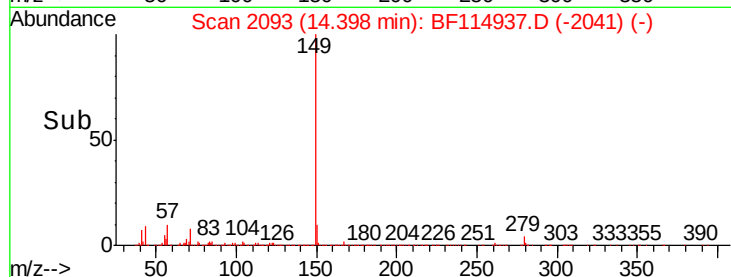
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 52.903 ng

RT: 16.48 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

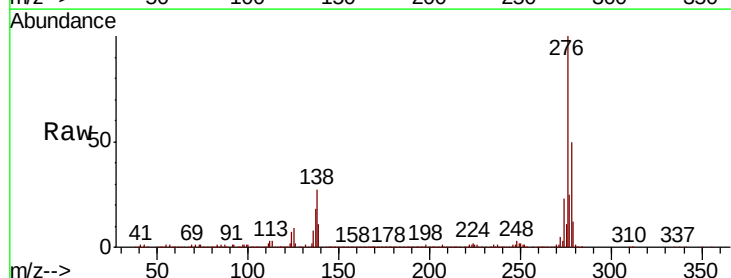
Tgt Ion:276 Resp: 2051950

Ion Ratio Lower Upper

276 100

138 28.5 23.3 34.9

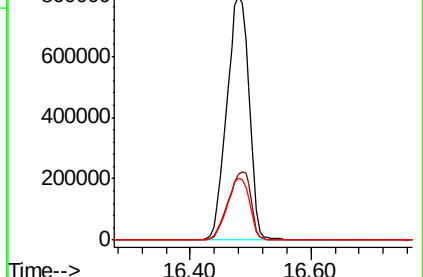
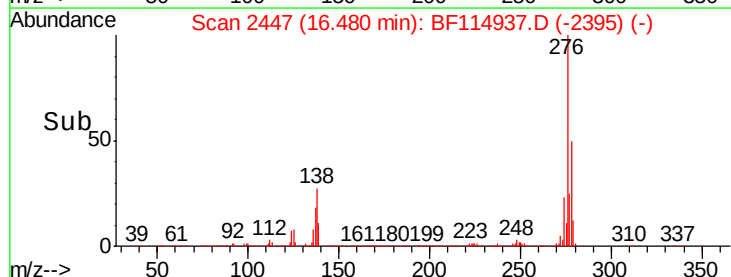
277 25.4 20.5 30.7

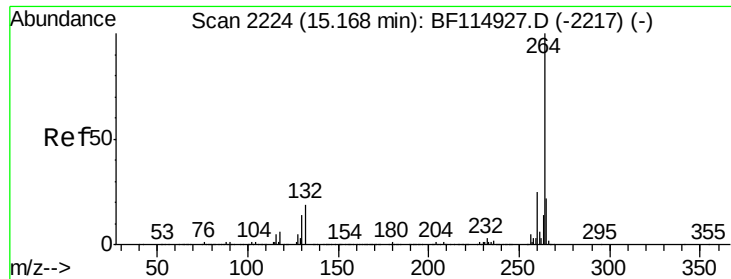


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





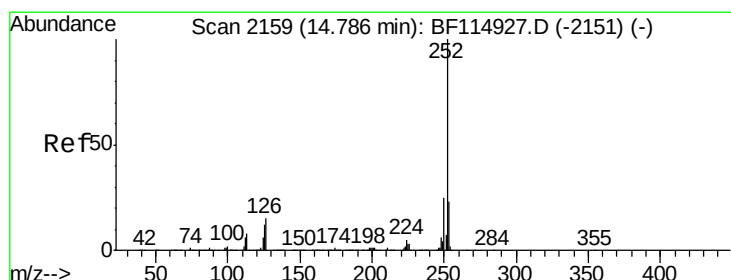
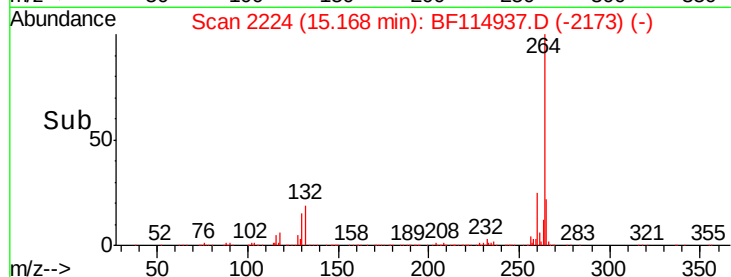
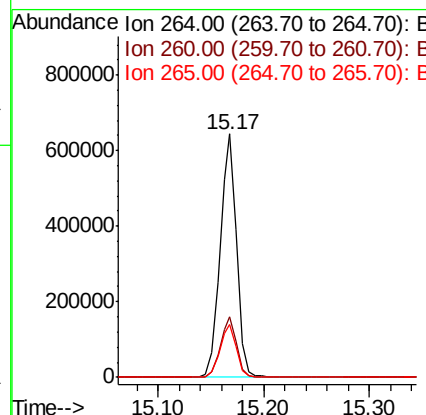
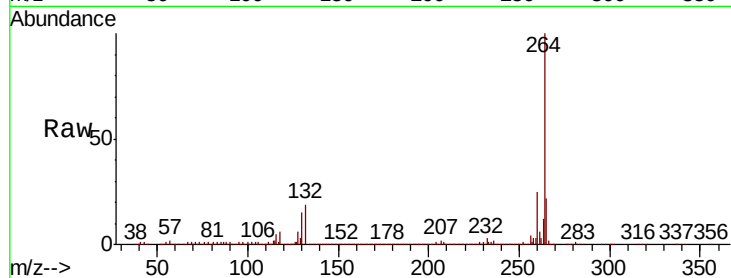
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.0	17.5	26.3

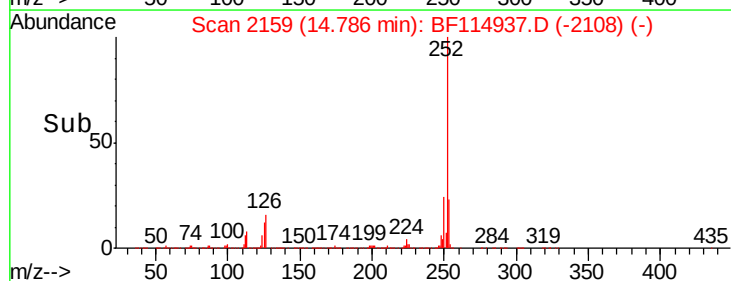
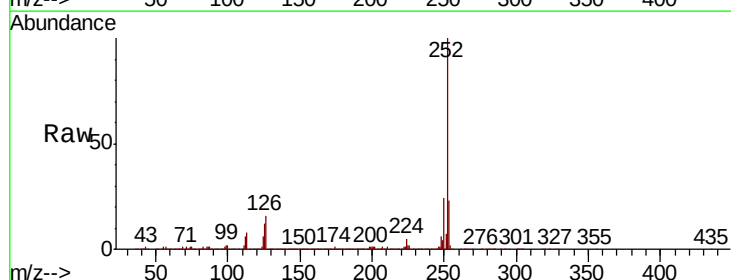
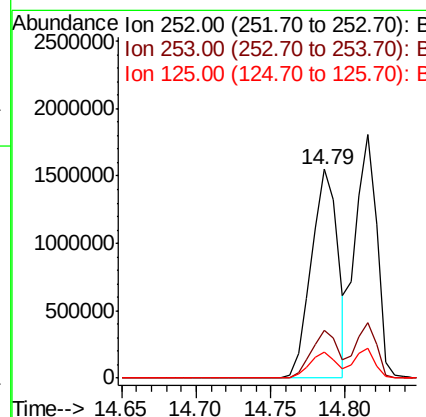
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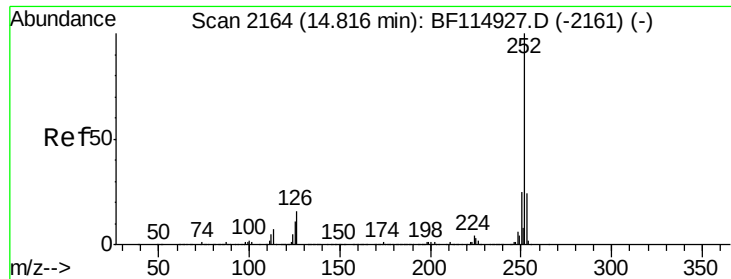
mohammad
6/12/2019 9:03:27 AM



#88
Benzo(b)fluoranthene
Concen: 41.275 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	12.2	9.5	14.3





#89

Benzo(k)fluoranthene

Concen: 45.664 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

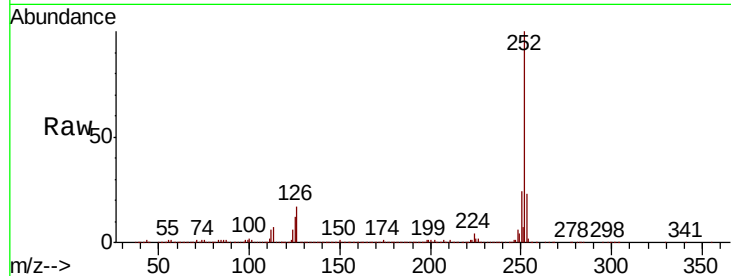
ClientSampleId :

PB120177BS

Tgt Ion:	252	Resp:	1832503
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	12.1	9.2	13.8

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6/12/2019 9:03:27 AM

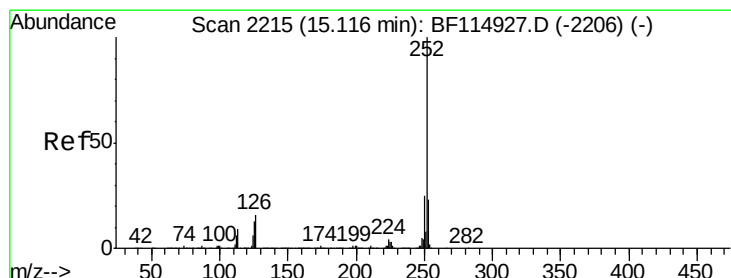
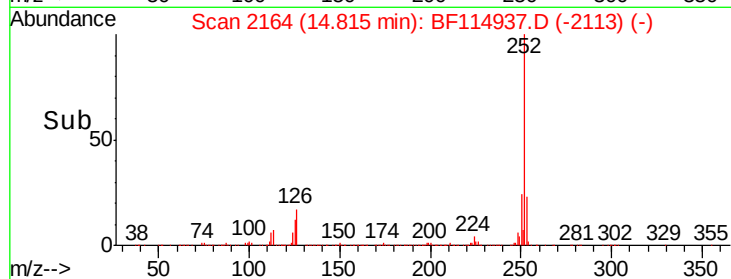
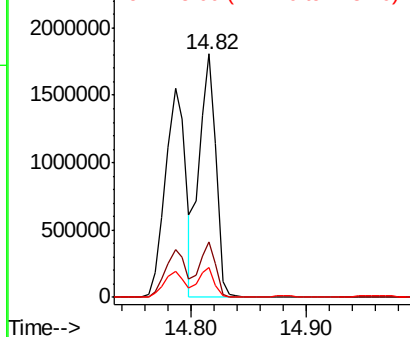


Abundance

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



#90

Benzo(a)pyrene

Concen: 45.818 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

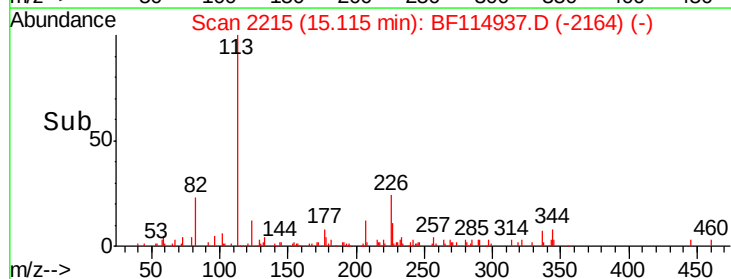
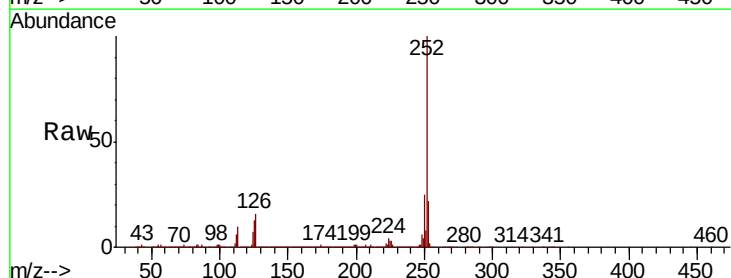
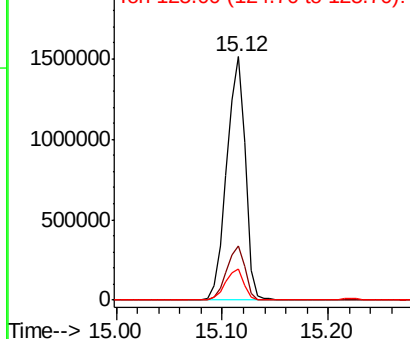
Tgt Ion:	252	Resp:	1840213
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	13.0	10.1	15.1

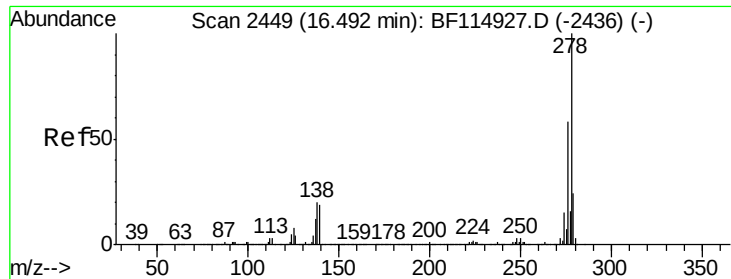
Abundance

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





#91
Dibenzo(a,h)anthracene
Concen: 49.265 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

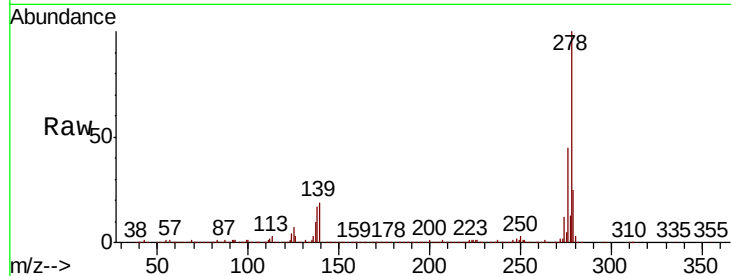
Instrument :
BNA_F
ClientSampled :
PB120177BS

Tgt Ion: 278 Resp: 1671360

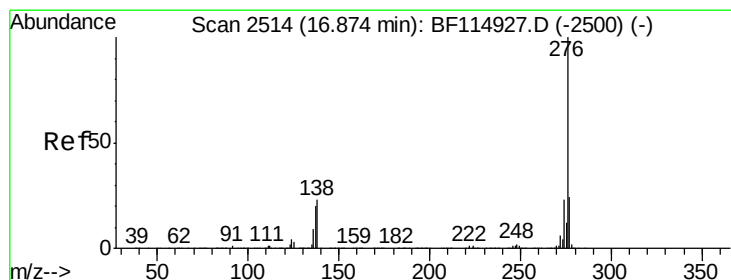
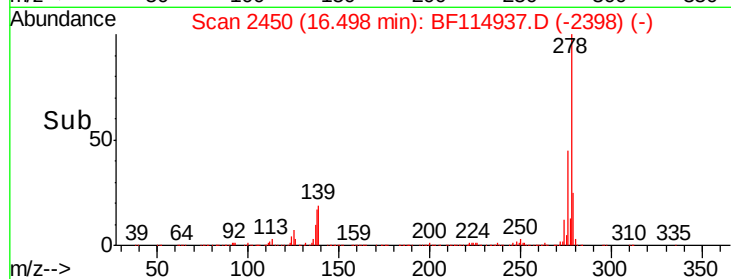
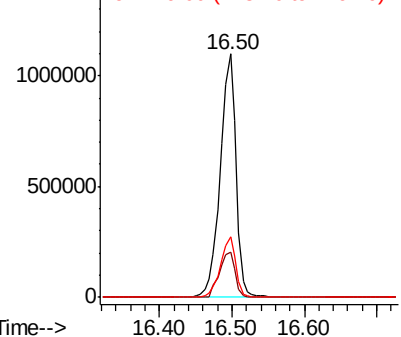
Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.1	22.7
279	24.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:03:27 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.006 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion: 276 Resp: 1724886

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	26.0	18.7	28.1

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

