

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114936.D
 Acq On : 11 Jun 2019 10:15
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:03:25 AM

Quant Time: Jun 11 12:59:00 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	312395	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1278945	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	630491	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1218550	20.00	ng	0.00
76) Chrysene-d12	13.79	240	717060	20.00	ng	0.00
87) Perylene-d12	15.16	264	899759	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1554748	84.23	ng	0.00
7) Phenol-d6	6.30	99	1905934	85.60	ng	0.00
23) Nitrobenzene-d5	7.23	82	1778380	85.44	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	564931	82.37	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3061314	77.06	ng	0.00
79) Terphenyl-d14	12.75	244	2988687	82.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	374184	42.719	ng	99
3) Pyridine	2.96	79	982811	40.308	ng	99
4) n-Nitrosodimethylamine	2.91	42	363031	41.452	ng	100
6) Aniline	6.32	93	1286172	42.647	ng	# 80
8) 2-Chlorophenol	6.45	128	897801	42.618	ng	98
9) Benzaldehyde	6.20	77	542525	38.072	ng	97
10) Phenol	6.32	94	1053868	42.449	ng	98
11) bis(2-Chloroethyl)ether	6.40	93	850220	42.970	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1044265	42.711	ng	97
13) 1,4-Dichlorobenzene	6.67	146	1051162	42.873	ng	98
14) 1,2-Dichlorobenzene	6.83	146	959689	43.125	ng	98
15) Benzyl Alcohol	6.81	79	691310	43.030	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1177752	43.280	ng	100
17) 2-Methylphenol	6.93	107	750727	42.560	ng	99
18) Hexachloroethane	7.17	117	384115	42.512	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	594741	42.718	ng	99
20) 3+4-Methylphenols	7.08	107	846939m	42.882	ng	
22) Acetophenone	7.07	105	1203510	42.039	ng	# 98
24) Nitrobenzene	7.25	77	923583	42.652	ng	98
25) Isophorone	7.49	82	1707650	41.894	ng	99
26) 2-Nitrophenol	7.56	139	517726	43.036	ng	95
27) 2,4-Dimethylphenol	7.61	122	743053	42.210	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1113374	42.699	ng	99
29) 2,4-Dichlorophenol	7.80	162	789244	42.812	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	908854	42.958	ng	99
31) Naphthalene	7.96	128	2516361	42.700	ng	100
32) Benzoic acid	7.75	122	607924	46.232	ng	97
33) 4-Chloroaniline	8.02	127	1190002	42.791	ng	99
34) Hexachlorobutadiene	8.09	225	513960	43.312	ng	98
35) Caprolactam	8.40	113	267179	43.024	ng	94
36) 4-Chloro-3-methylphenol	8.50	107	802532	42.860	ng	98
37) 2-Methylnaphthalene	8.65	142	1721172	42.980	ng	99
38) 1-Methylnaphthalene	8.75	142	1631112	43.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	774622	42.732	ng	100

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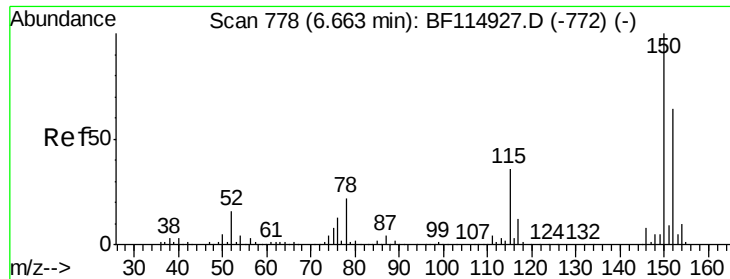
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	454008	44.061	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	593208	43.096	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	607057	42.771	ng	97
46) 1,1'-Biphenyl	9.12	154	2043492	43.322	ng	99
47) 2-Chloronaphthalene	9.14	162	1725827	43.342	ng	99
48) 2-Nitroaniline	9.23	65	517990	42.737	ng	94
49) Acenaphthylene	9.55	152	2541328	43.310	ng	100
50) Dimethylphthalate	9.43	163	2007887	42.372	ng	99
51) 2,6-Dinitrotoluene	9.48	165	466933	42.901	ng	95
52) Acenaphthene	9.72	154	1545906	43.487	ng	99
53) 3-Nitroaniline	9.65	138	551826	42.221	ng	99
54) 2,4-Dinitrophenol	9.75	184	227164	42.169	ng	93
55) Dibenzofuran	9.90	168	2188029	43.118	ng	97
56) 4-Nitrophenol	9.81	139	395045	42.410	ng	93
57) 2,4-Dinitrotoluene	9.88	165	594667	43.224	ng	99
58) Fluorene	10.24	166	1563869	39.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	496301	43.255	ng	99
60) Diethylphthalate	10.12	149	1951826	42.379	ng	100
61) 4-Chlorophenyl-phenylether	10.23	204	786454	40.160	ng	94
62) 4-Nitroaniline	10.26	138	561263	41.903	ng	99
63) Azobenzene	10.39	77	1712639	42.723	ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	294008	43.024	ng	89
66) n-Nitrosodiphenylamine	10.35	169	1555983	42.980	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	568195	43.048	ng	98
68) Hexachlorobenzene	10.79	284	620310	42.558	ng	94
69) Atrazine	10.88	200	476560	39.067	ng	99
70) Pentachlorophenol	10.97	266	367330	44.942	ng	99
71) Phenanthrene	11.19	178	2501789	42.317	ng	99
72) Anthracene	11.24	178	2565666	42.756	ng	99
73) Carbazole	11.39	167	2327221	42.598	ng	99
74) Di-n-butylphthalate	11.73	149	2883811	42.711	ng	100
75) Fluoranthene	12.37	202	2572393	42.067	ng	99
77) Benzidine	12.49	184	1260214	40.159	ng	99
78) Pyrene	12.60	202	2609260	41.782	ng	99
80) Butylbenzylphthalate	13.22	149	1294818	42.086	ng	100
81) Benzo(a)anthracene	13.77	228	2272318	42.858	ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	947985	43.802	ng	99
83) Chrysene	13.82	228	2312173	43.427	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1568829	43.540	ng	100
85) Di-n-octyl phthalate	14.39	149	2880770	43.767	ng	100
86) Indeno(1,2,3-cd)pyrene	16.47	276	2222919	44.410	ng	100
88) Benzo(b)fluoranthene	14.79	252	2451856	41.857	ng	100
89) Benzo(k)fluoranthene	14.82	252	2075996	40.837	ng	100
90) Benzo(a)pyrene	15.11	252	2132017	41.904	ng	98
91) Dibenzo(a,h)anthracene	16.49	278	1803886	41.973	ng	99
92) Benzo(g,h,i)perylene	16.87	276	1762338	41.138	ng	97

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



#1

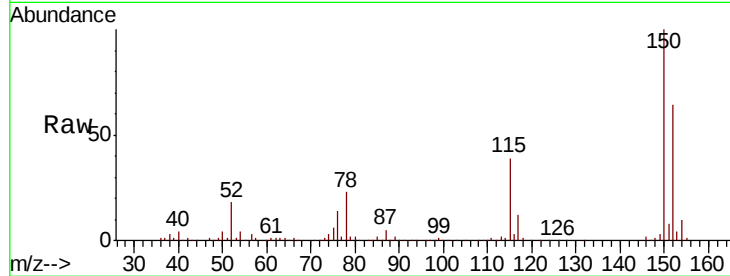
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	312395		
150	155.3	125.2	187.8	
115	59.9	45.0	67.4	

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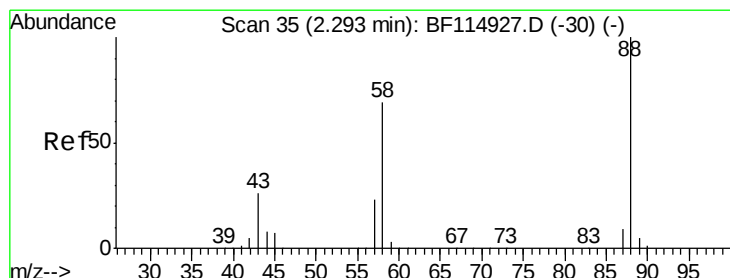
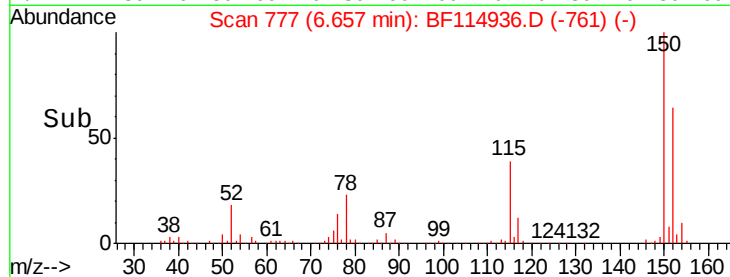
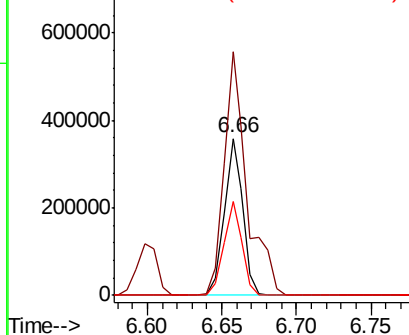


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

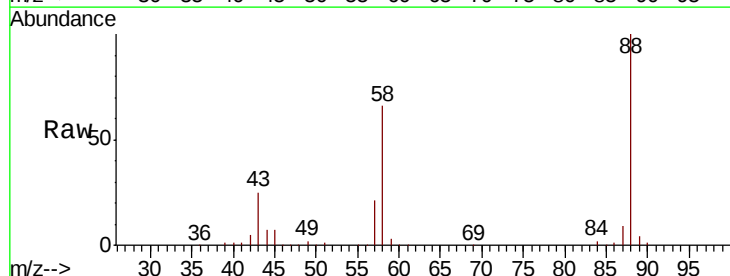
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.719 ng
RT: 2.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	374184		
58	66.7	54.2	81.2	
43	25.1	20.6	30.8	

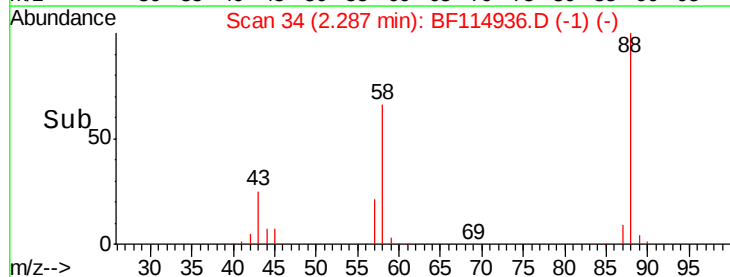
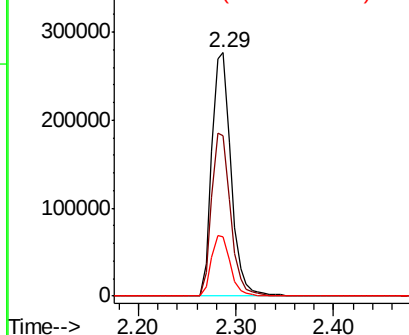


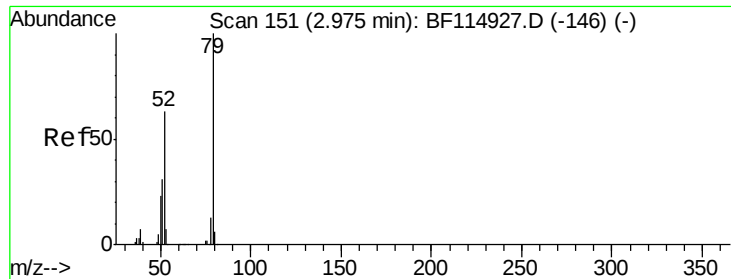
Abundance

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: 40.308 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.02 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

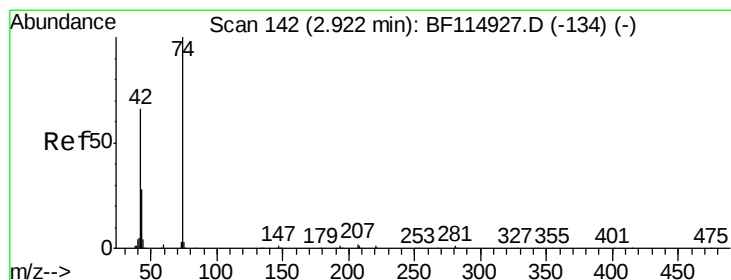
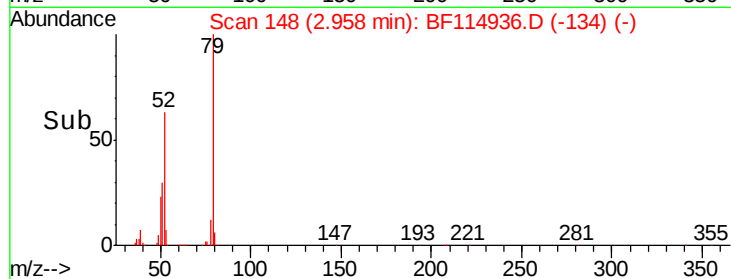
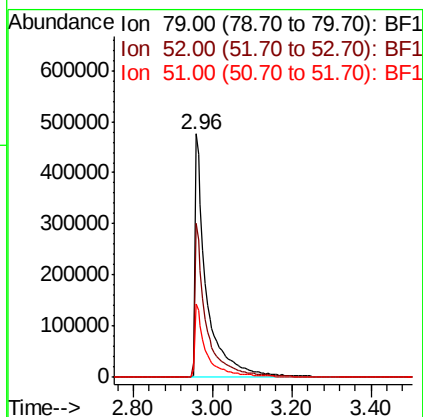
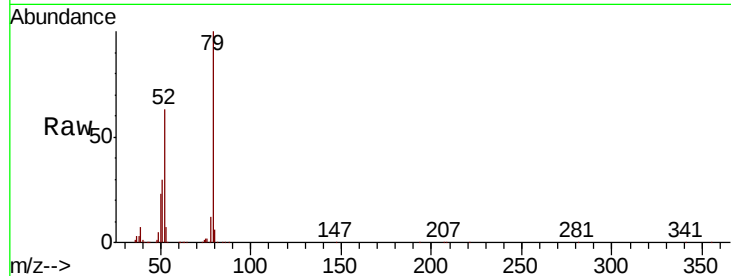
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	982811
Ion Ratio	Lower	Upper	
79	100		
52	63.2	50.2	75.2
51	30.3	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 41.452 ng

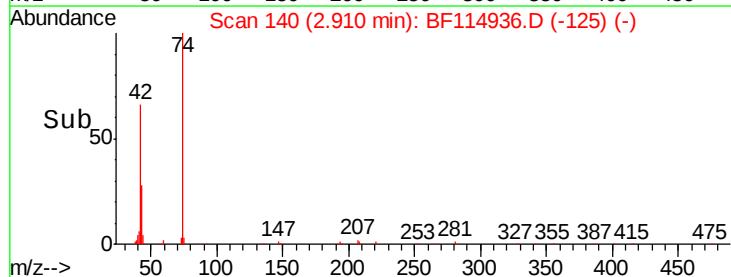
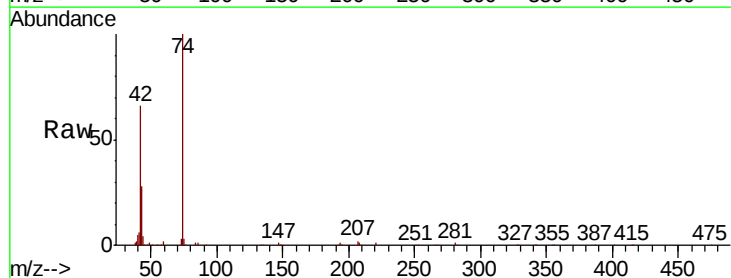
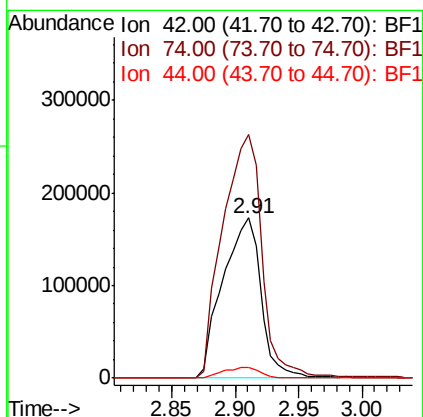
RT: 2.91 min Scan# 140

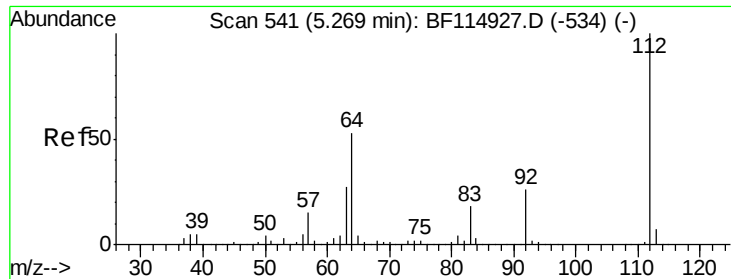
Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:	42	Resp:	363031
Ion Ratio	Lower	Upper	
42	100		
74	152.3	121.9	182.9
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 84.229 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1554748

Ion Ratio Lower Upper

112 100

64 53.8 42.1 63.1

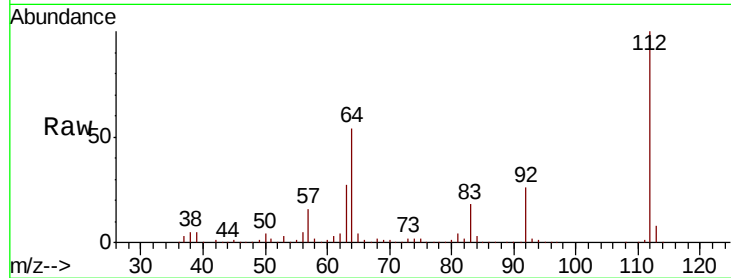
63 27.1 21.8 32.8

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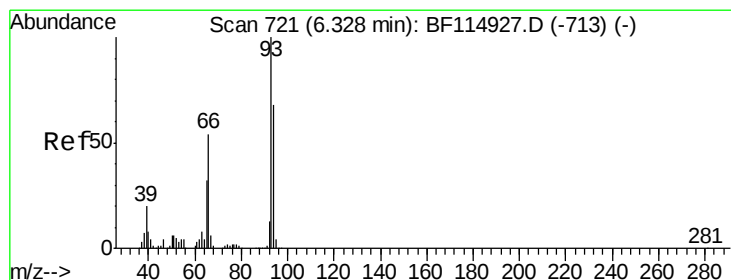
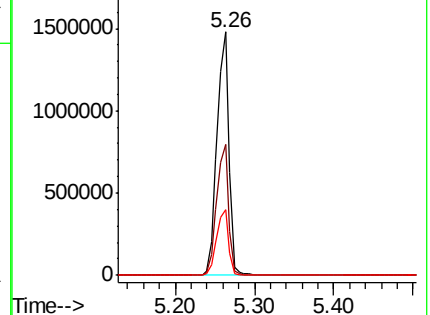
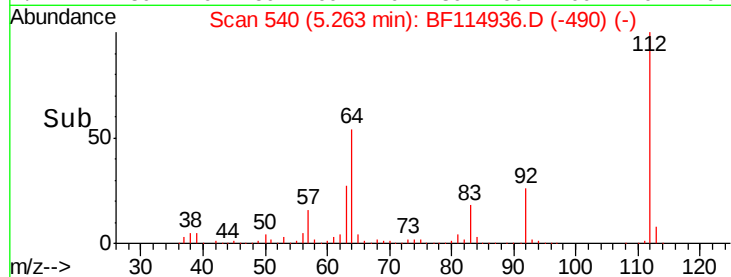
6/12/2019 9:03:25 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.647 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

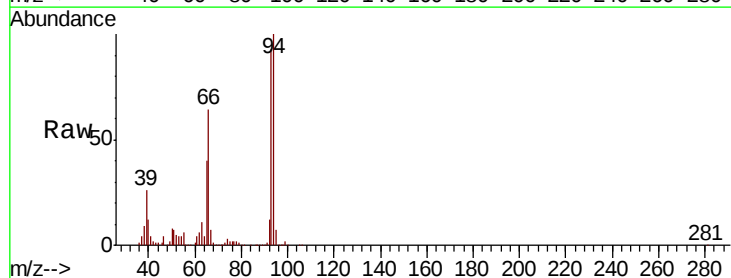
Tgt Ion: 93 Resp: 1286172

Ion Ratio Lower Upper

93 100

66 69.1 43.6 65.4#

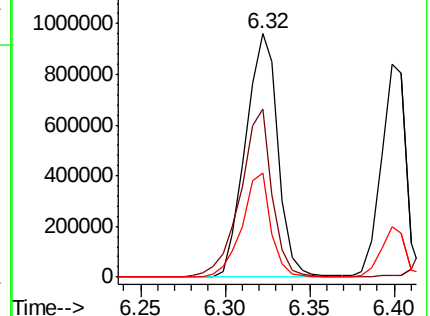
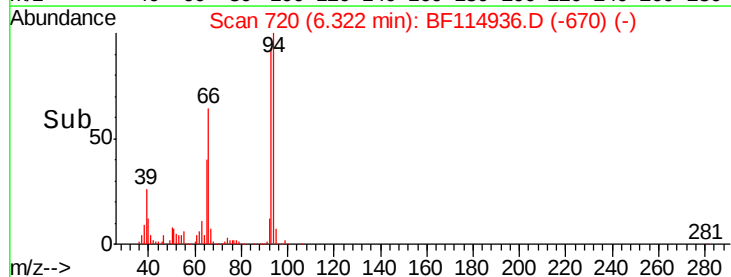
65 42.8 25.7 38.5#

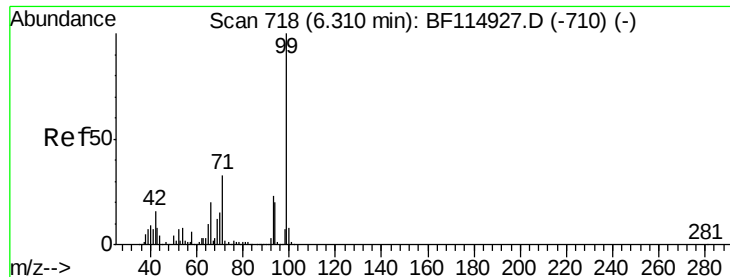


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.604 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1905934

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

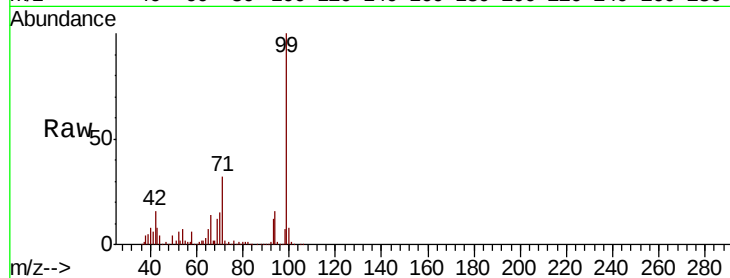
71 32.3 26.8 40.2

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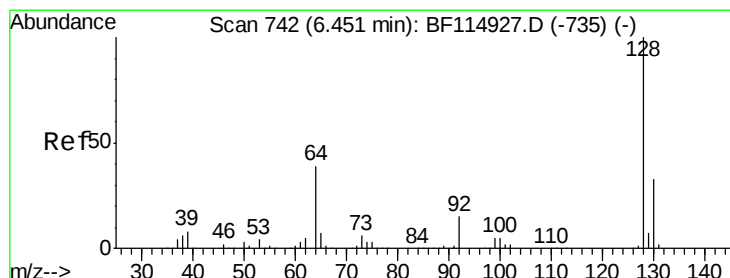
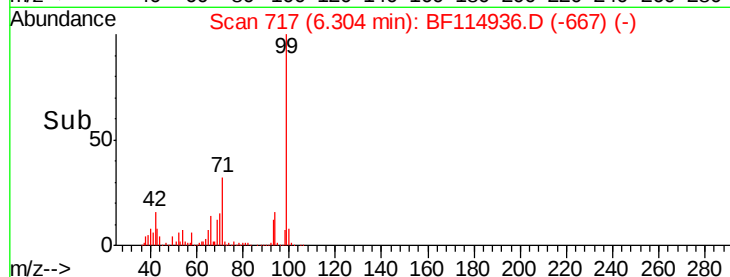
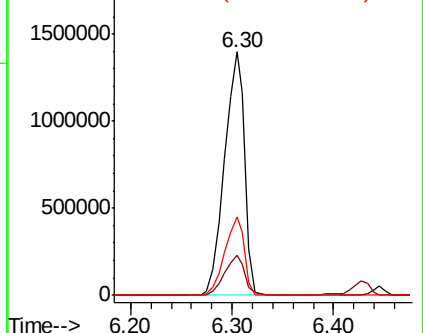
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.618 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

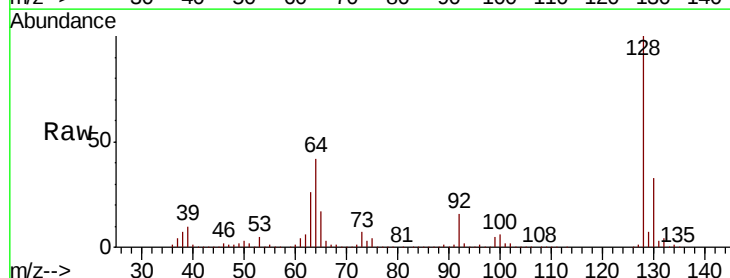
Tgt Ion: 128 Resp: 897801

Ion Ratio Lower Upper

128 100

130 33.0 13.3 53.3

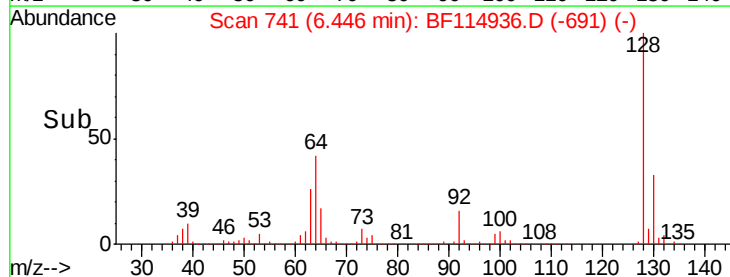
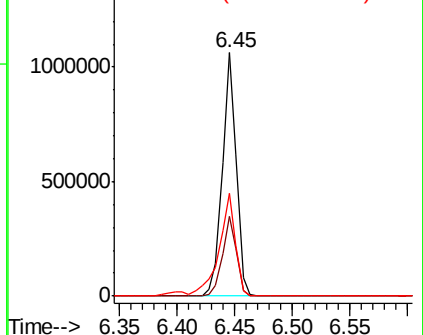
64 42.0 19.5 59.5

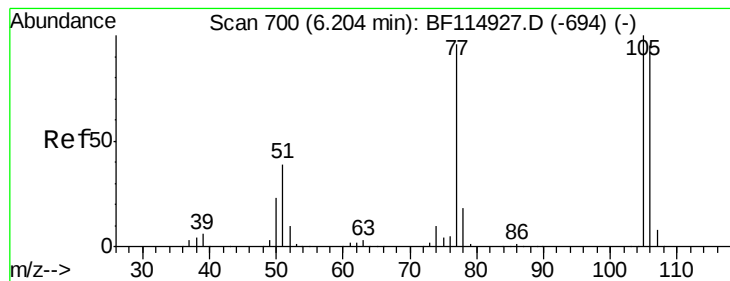


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.072 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 542525

Ion Ratio Lower Upper

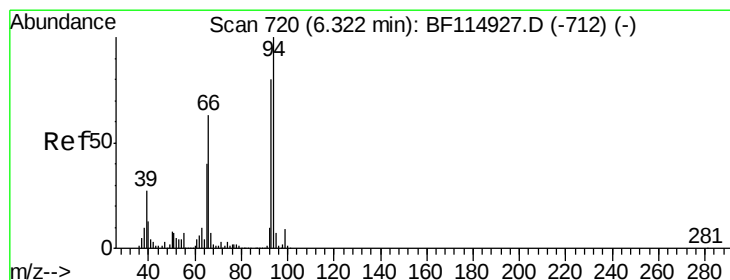
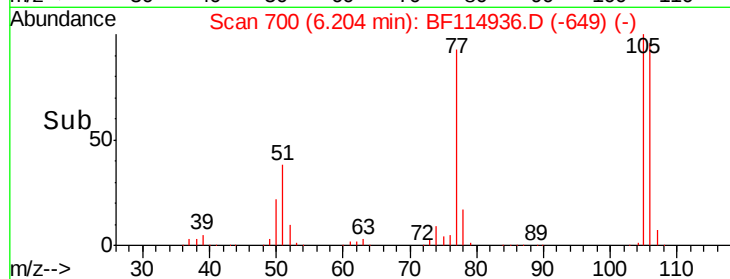
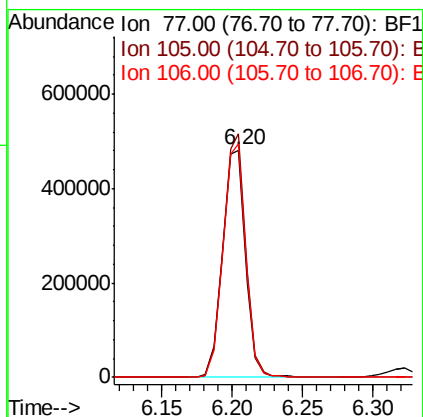
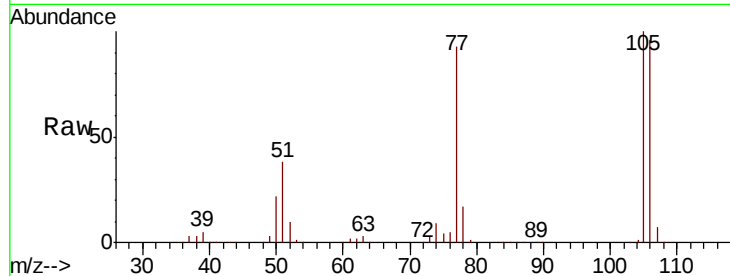
77 100

105 107.1 84.5 124.5

106 102.4 79.2 119.2

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#10

Phenol

Concen: 42.449 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

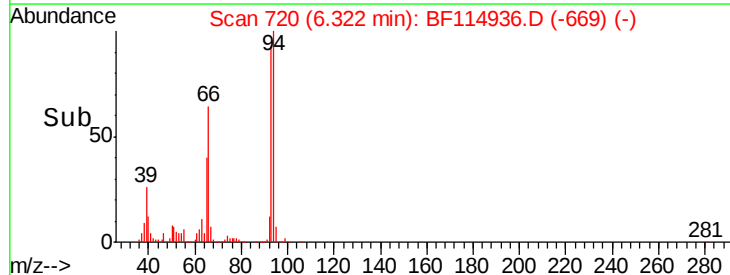
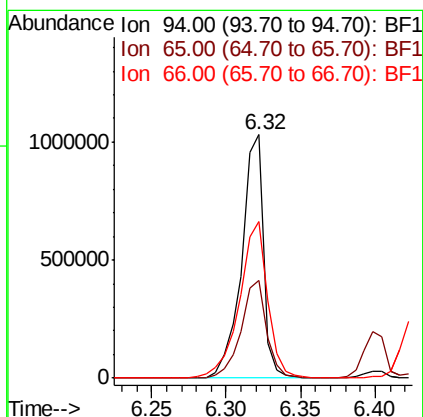
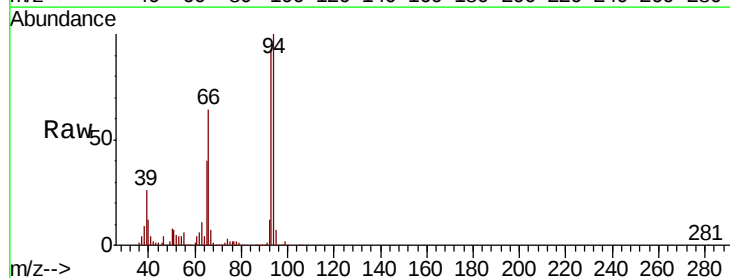
Tgt Ion: 94 Resp: 1053868

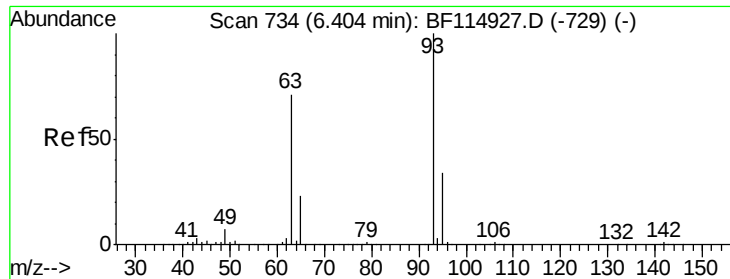
Ion Ratio Lower Upper

94 100

65 39.9 19.6 59.6

66 64.5 42.6 82.6





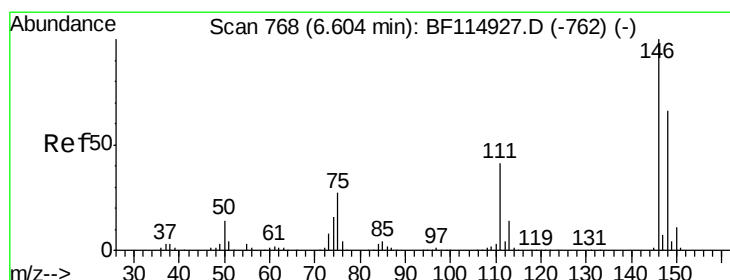
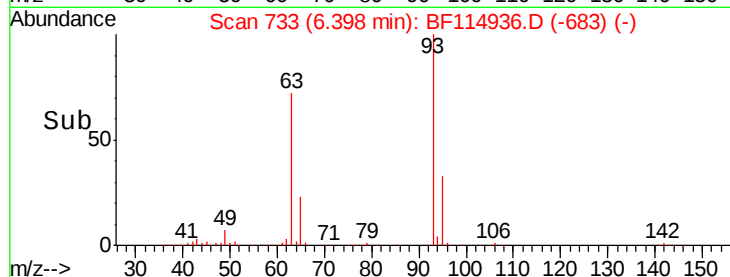
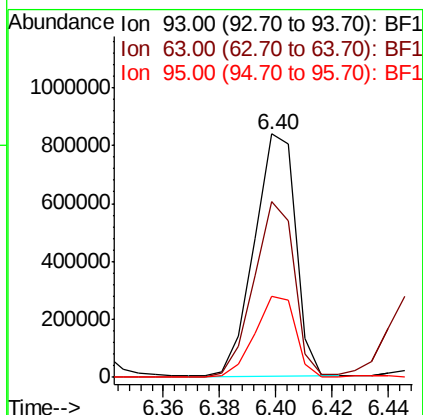
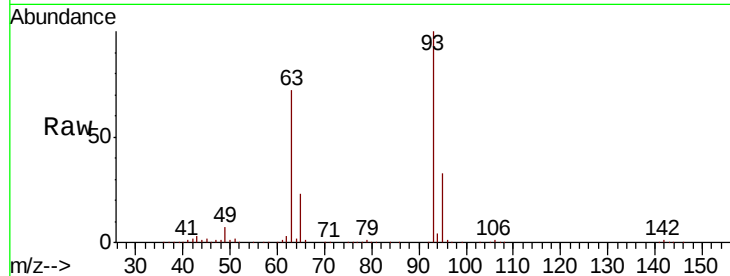
#11
bis(2-Chloroethyl)ether
Concen: 42.970 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.3	50.5	90.5
95	33.4	13.6	53.6

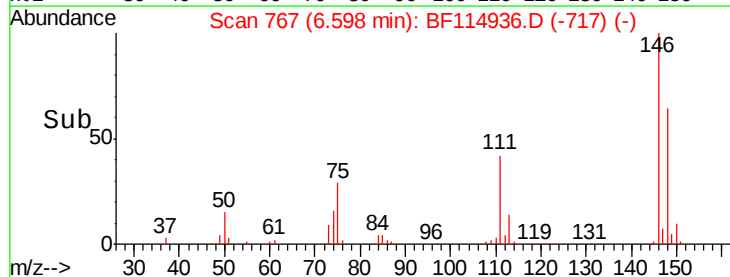
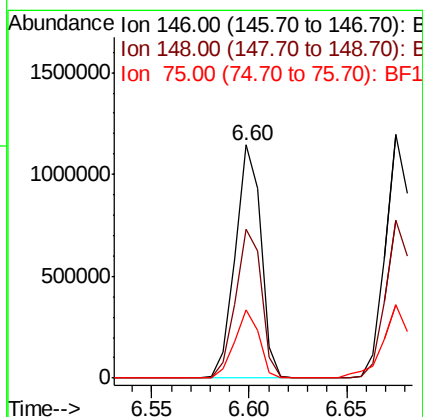
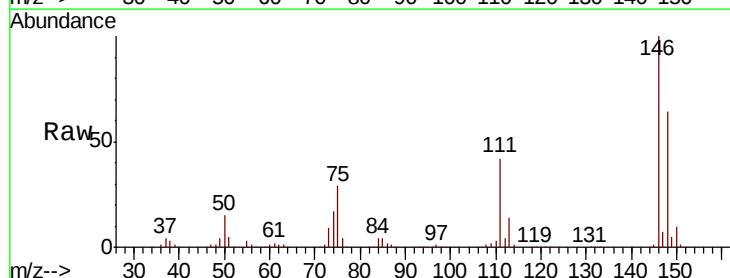
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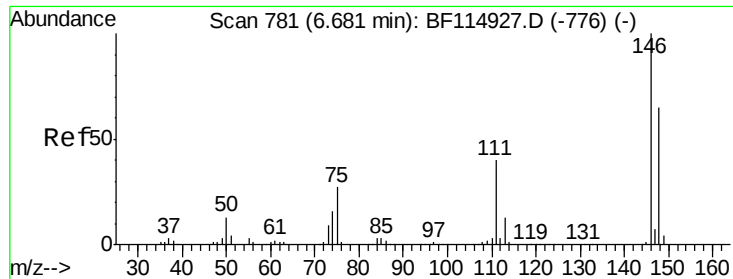
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#12
1,3-Dichlorobenzene
Concen: 42.711 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	78.8
75	29.1	21.9	32.9





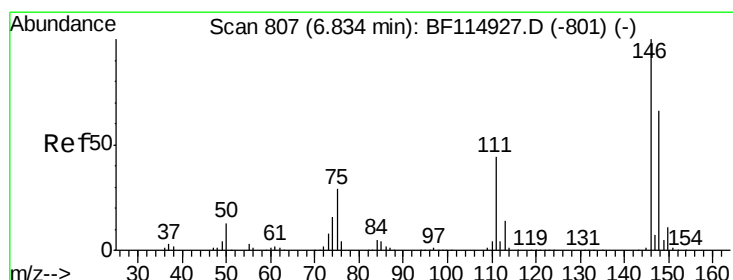
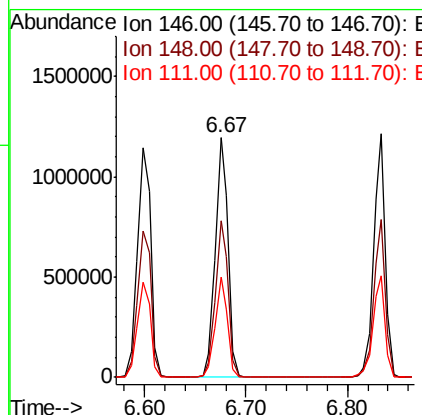
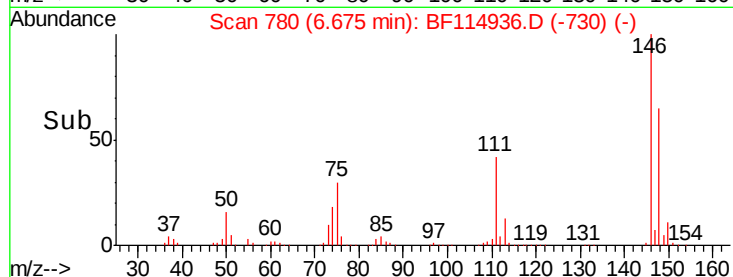
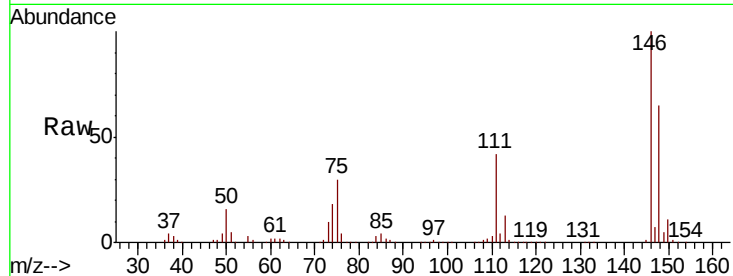
#13
1,4-Dichlorobenzene
Concen: 42.873 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1051162
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
111 41.9 31.8 47.8

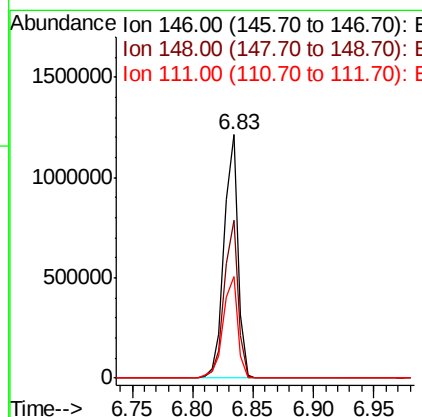
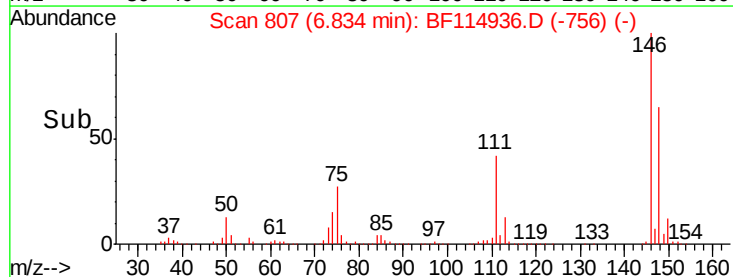
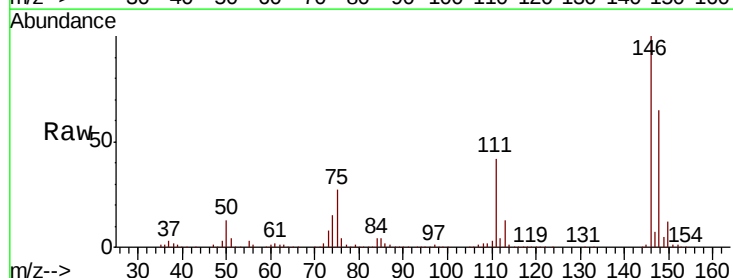
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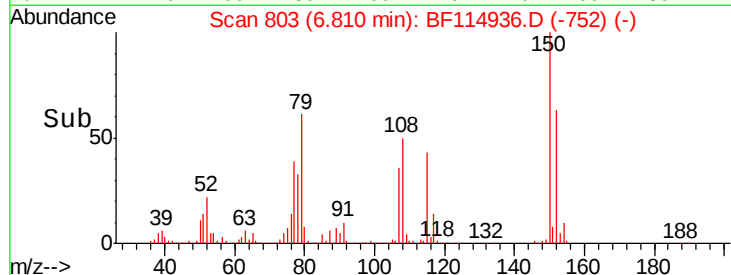
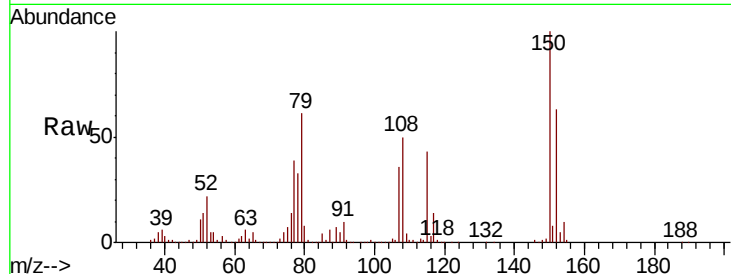
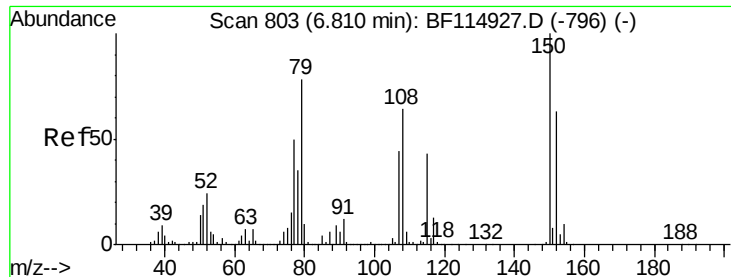
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#14
1,2-Dichlorobenzene
Concen: 43.125 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:146 Resp: 959689
Ion Ratio Lower Upper
146 100
148 65.0 52.7 79.1
111 41.8 35.4 53.2





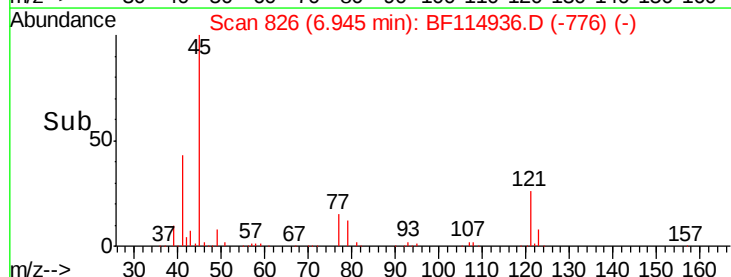
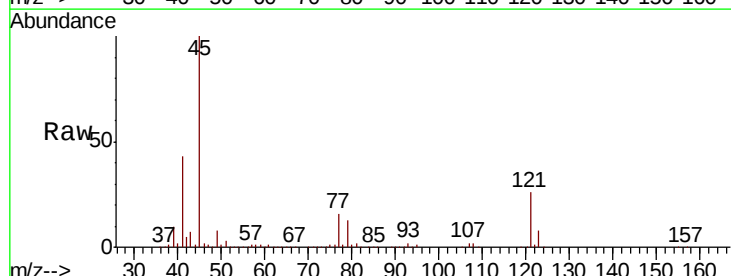
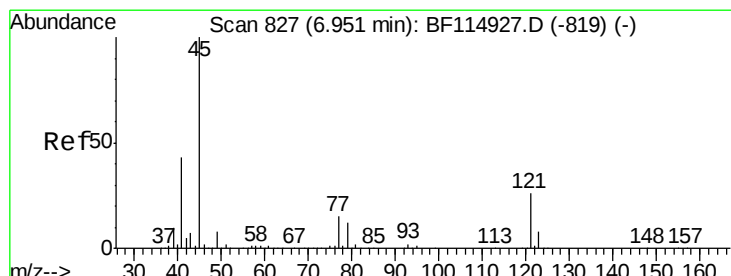
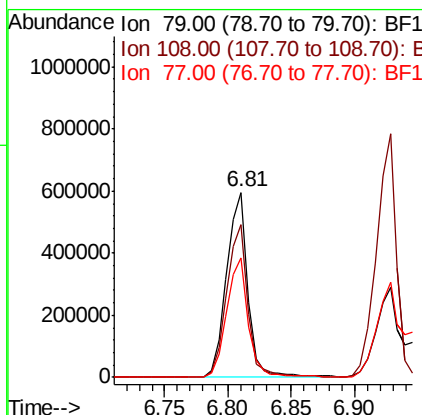
#15
Benzyl Alcohol
Concen: 43.030 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.5	98.3
77	64.5	51.3	76.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

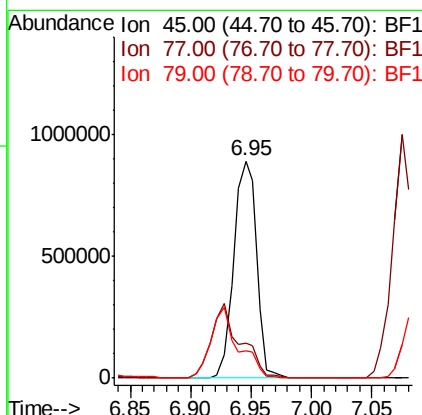
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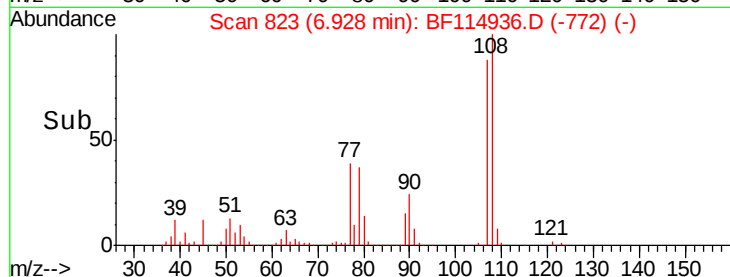
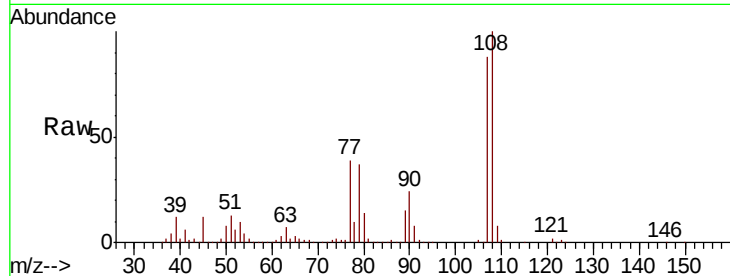
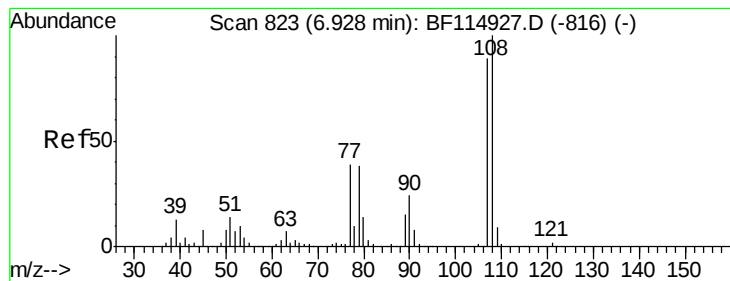
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.280 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	36.2
79	12.7	0.0	32.7





#17

2-Methylphenol

Concen: 42.560 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:	107	Resp:	750727
Ion Ratio	Lower	Upper	
107	100		
108	113.7	90.2	135.2
77	44.3	35.4	53.0
79	42.1	34.6	52.0

Instrument :

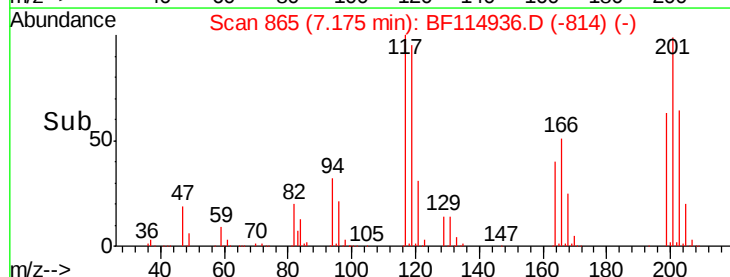
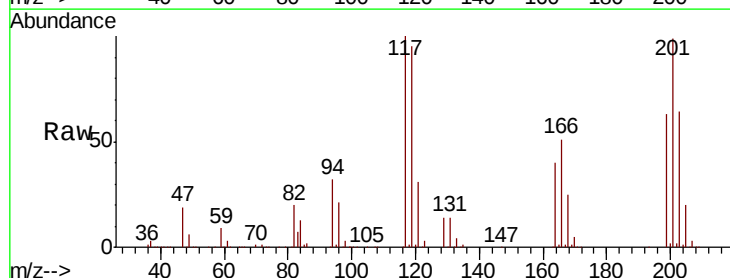
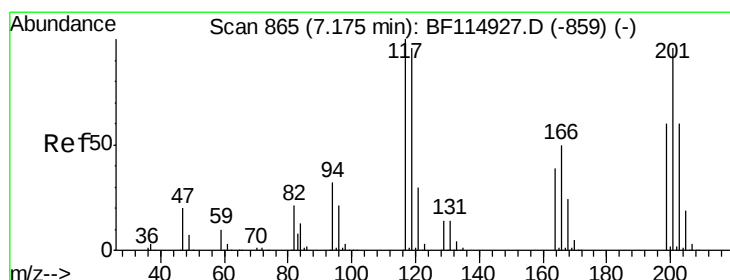
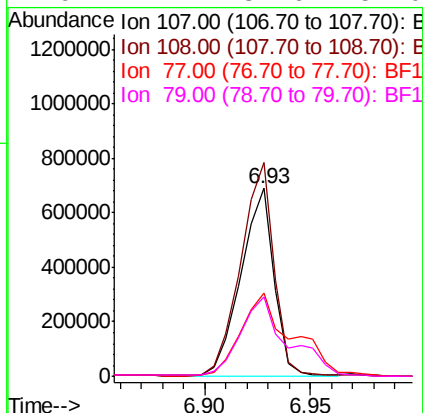
BNA_F

ClientSampleId :

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#18

Hexachloroethane

Concen: 42.512 ng

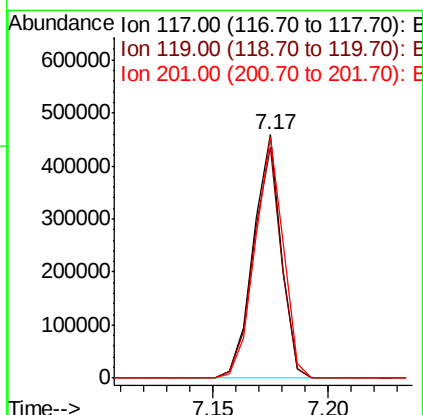
RT: 7.17 min Scan# 865

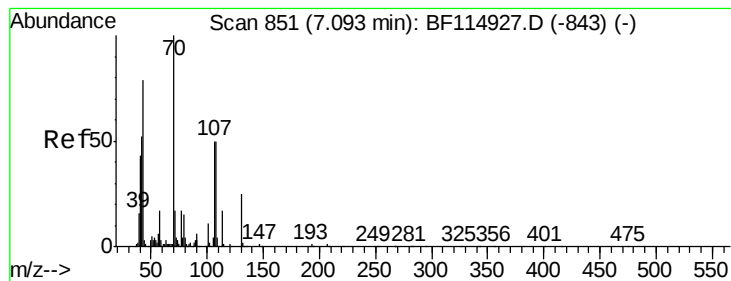
Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:	117	Resp:	384115
Ion Ratio	Lower	Upper	
117	100		
119	94.7	76.6	114.8
201	98.9	77.0	115.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.718 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

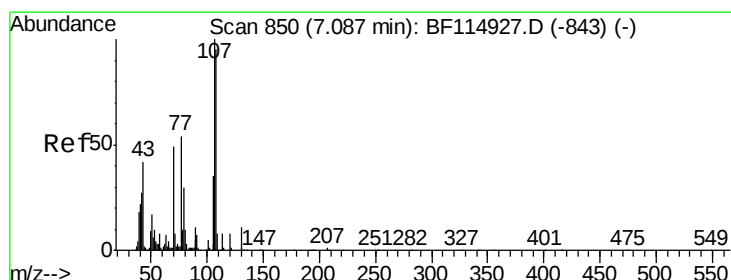
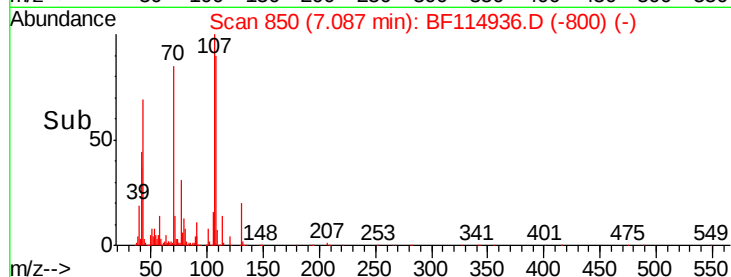
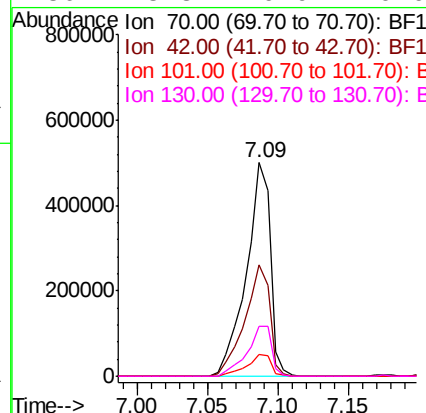
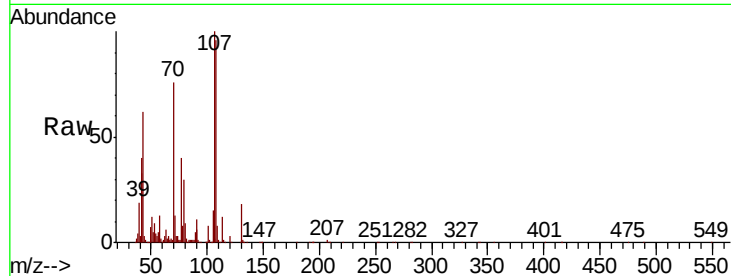
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.1	41.7	62.5
101	10.0	8.4	12.6
130	23.3	19.9	29.9

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#20

3+4-Methylphenols

Concen: 42.882 ng m

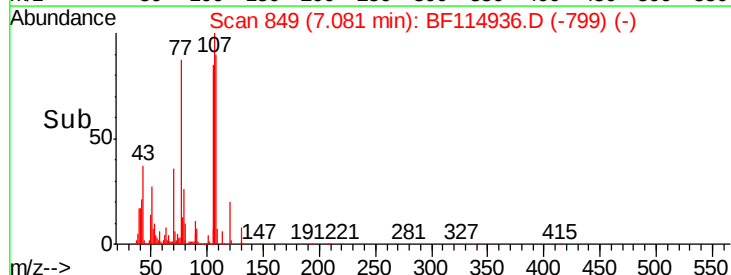
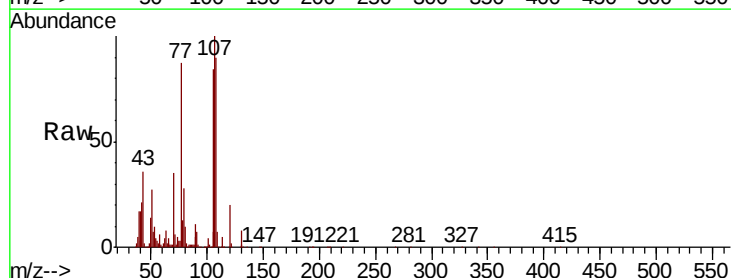
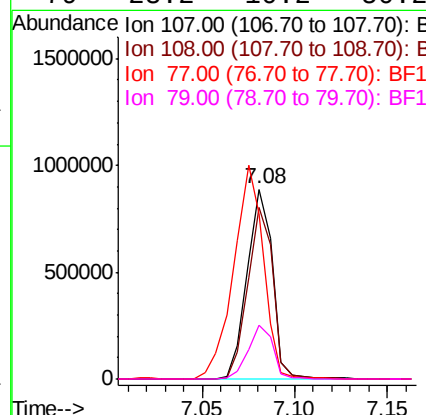
RT: 7.08 min Scan# 849

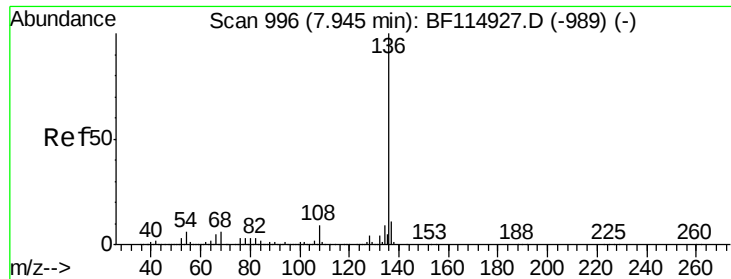
Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	74.7	114.7
77	87.4	33.7	73.7#
79	28.2	10.2	50.2





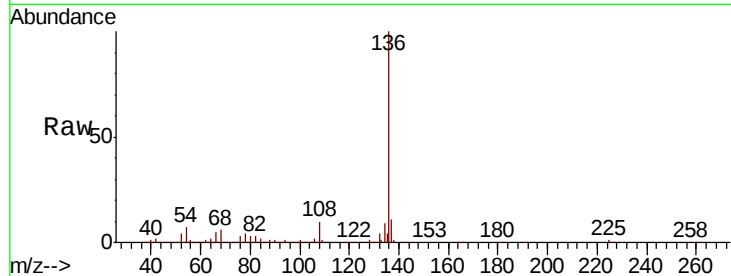
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

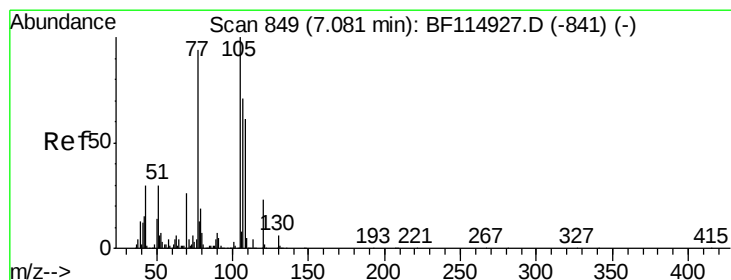
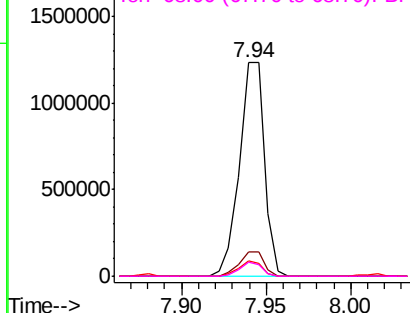
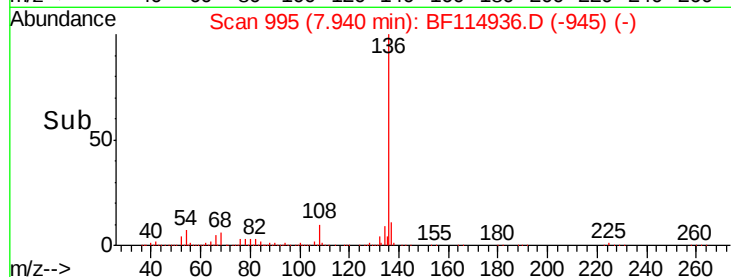
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	7.2	5.2	7.8
68	6.4	4.6	7.0

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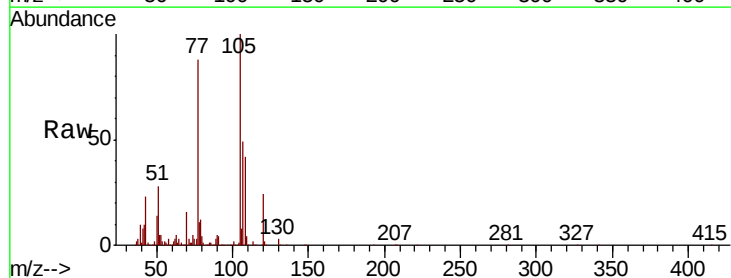


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

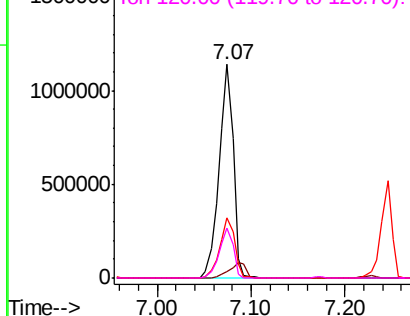
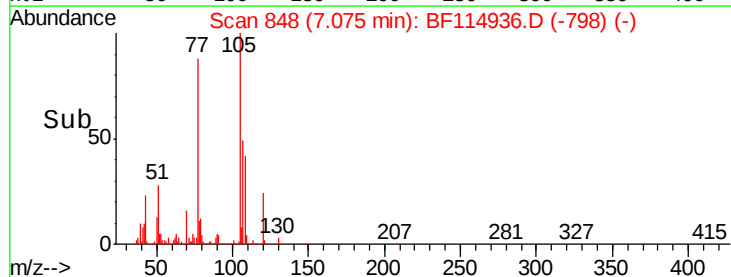


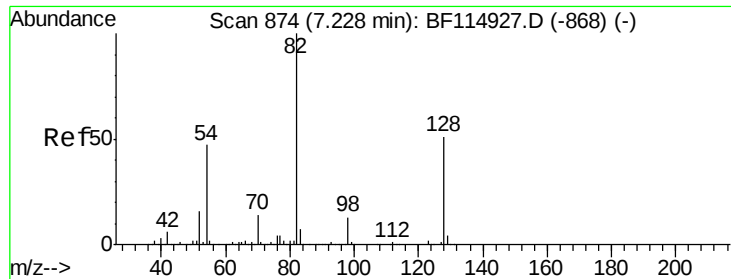
#22
Acetophenone
Concen: 42.039 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.4	5.2#
51	28.4	24.0	36.0
120	23.5	18.8	28.2



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





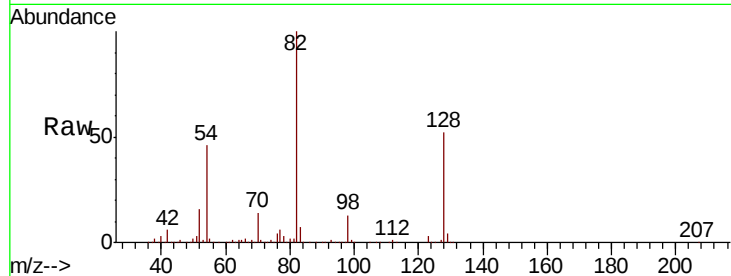
#23
Nitrobenzene-d5
Concen: 85.436 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

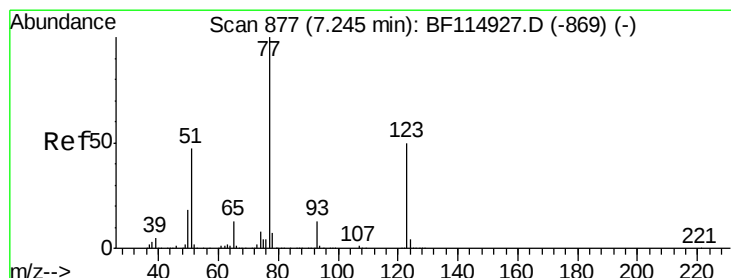
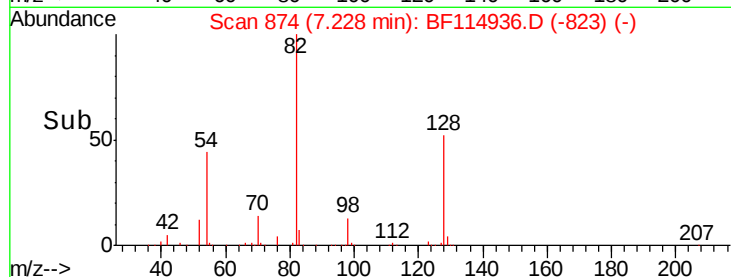
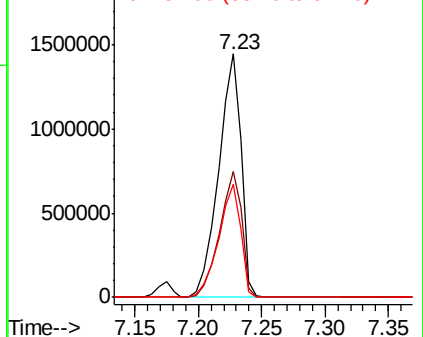
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.9	61.3
54	46.3	37.4	56.0

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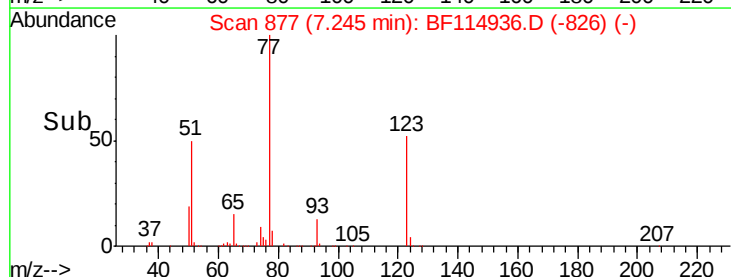
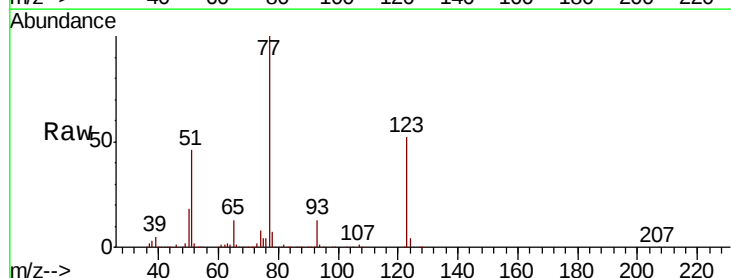
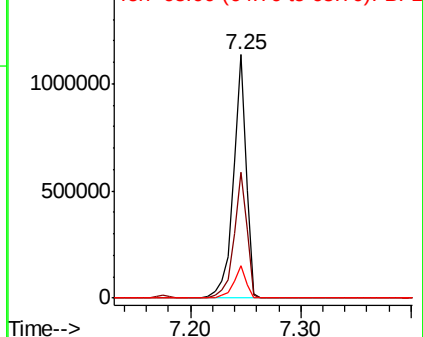
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

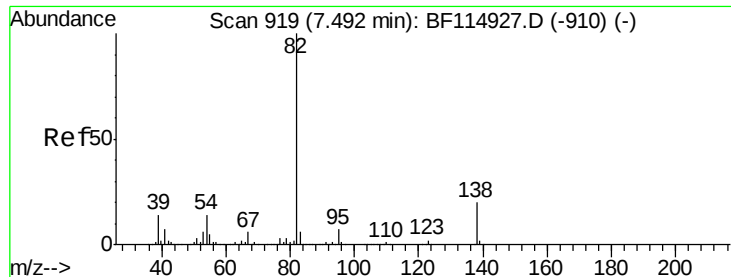


#24
Nitrobenzene
Concen: 42.652 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	39.8	59.6
65	13.2	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





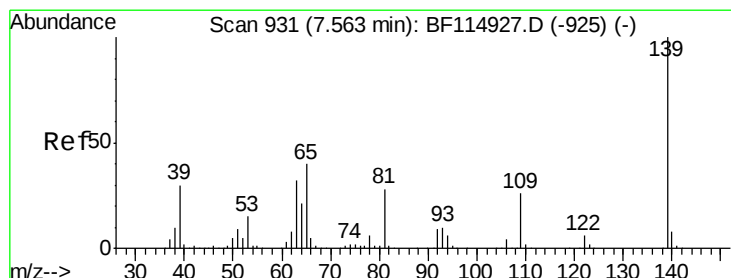
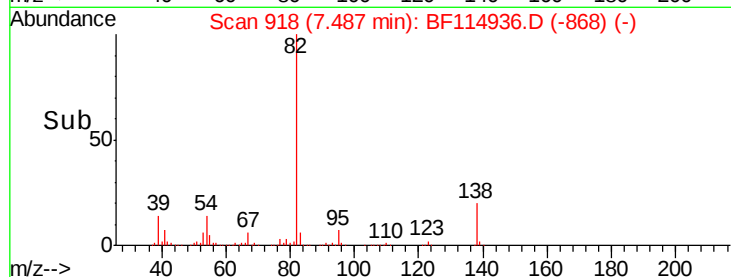
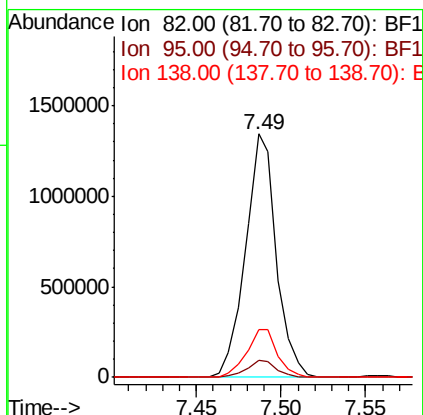
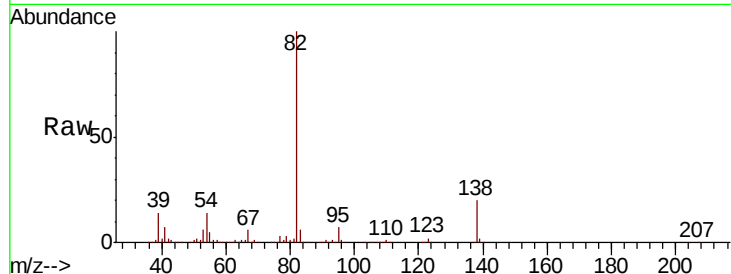
#25
Isophorone
Concen: 41.894 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1707650
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.8 16.4 24.6

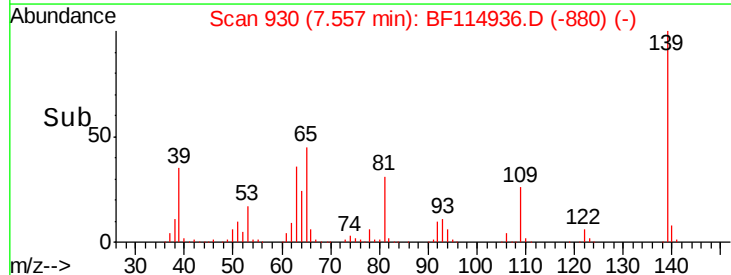
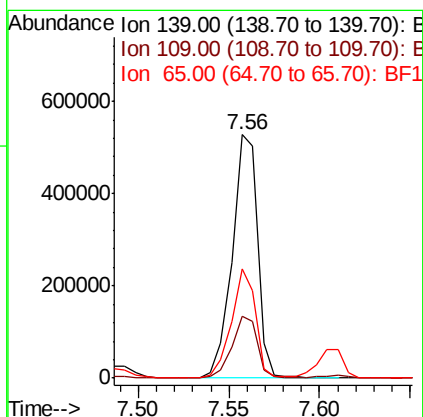
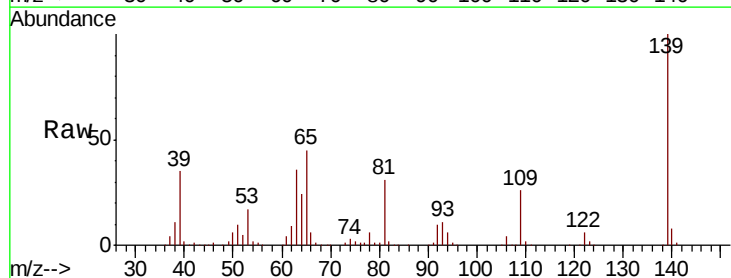
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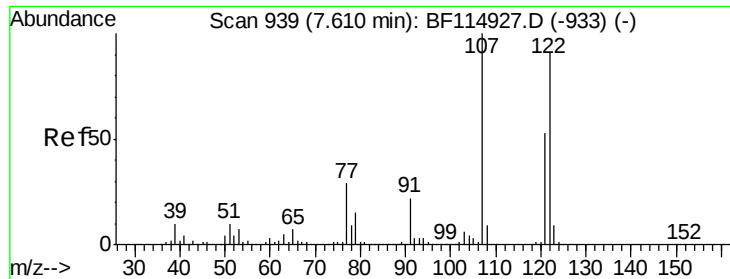
mohammad
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#26
2-Nitrophenol
Concen: 43.036 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion: 139 Resp: 517726
Ion Ratio Lower Upper
139 100
109 25.5 20.6 30.8
65 44.8 32.2 48.2





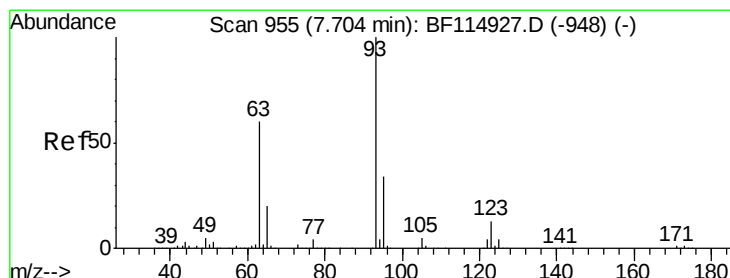
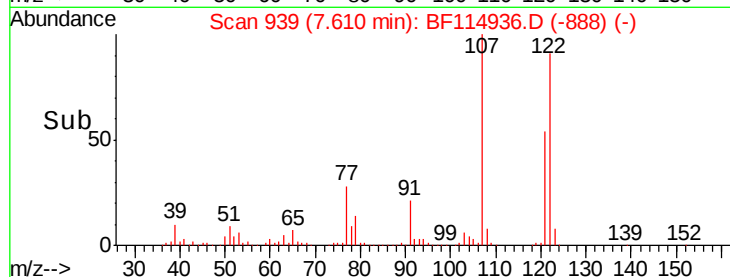
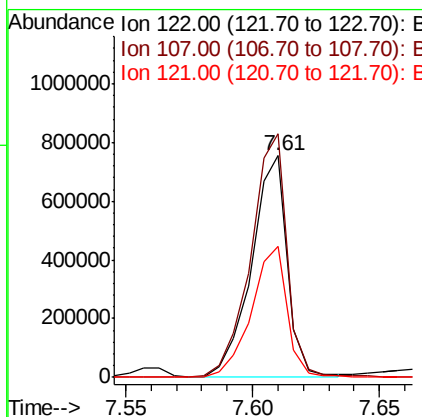
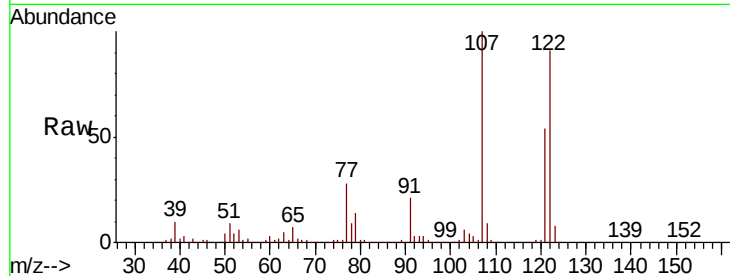
#27
2,4-Dimethylphenol
Concen: 42.210 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	743053		
107	109.9	88.0	132.0	
121	59.0	47.0	70.6	

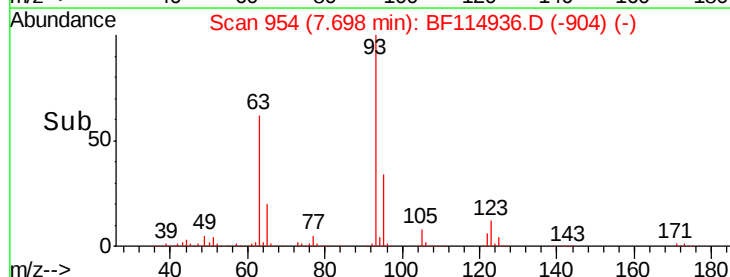
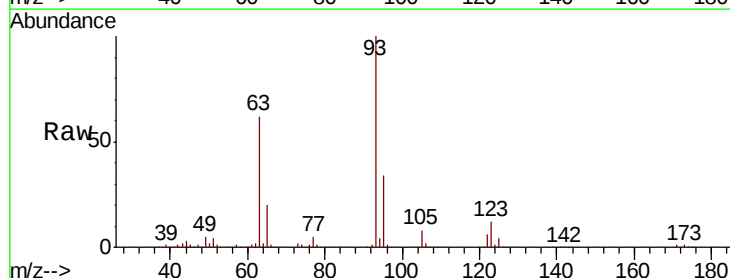
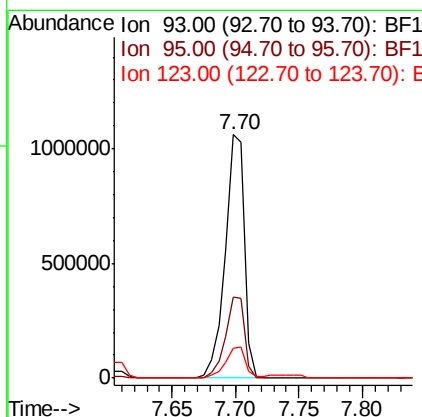
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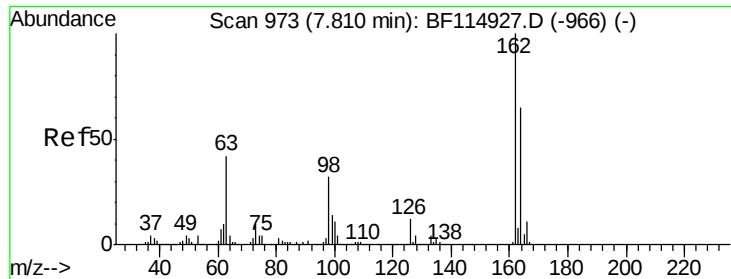
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.699 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1113374		
95	33.5	27.0	40.4	
123	12.2	10.3	15.5	





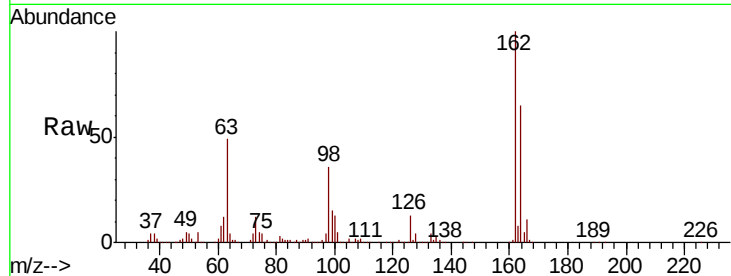
#29
2,4-Dichlorophenol
Concen: 42.812 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	789244		
164	64.6	45.4	85.4	
98	35.9	12.5	52.5	

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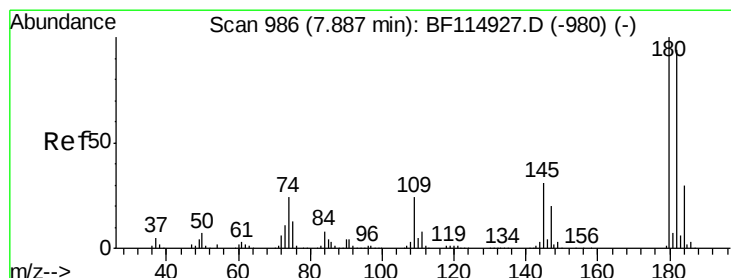
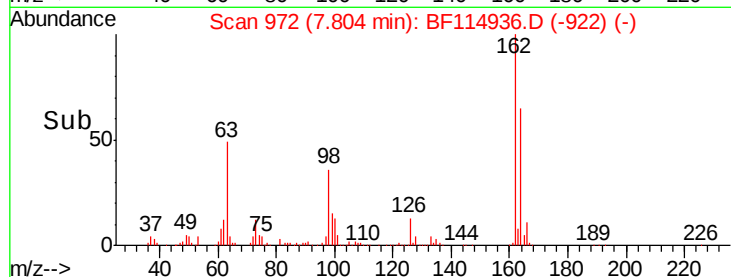
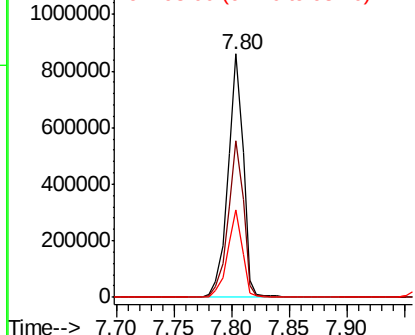


Abundance

Ion 162.00 (161.70 to 162.70): E

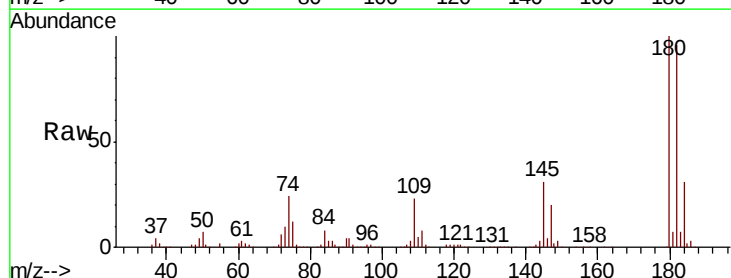
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.958 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	908854		
182	95.6	75.0	112.6	
145	31.3	25.1	37.7	

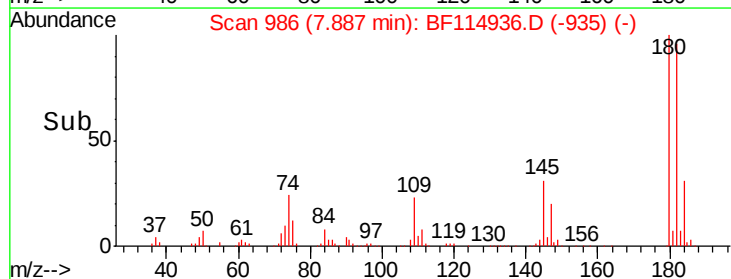
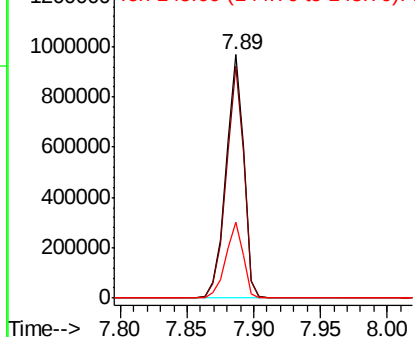


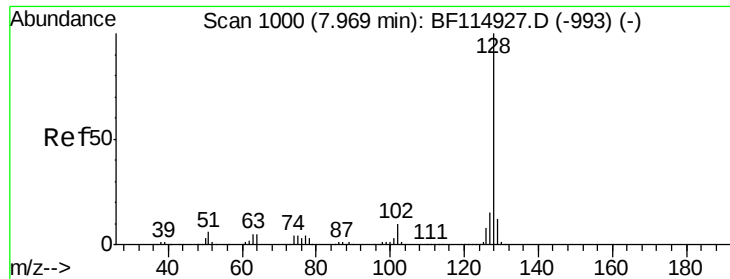
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





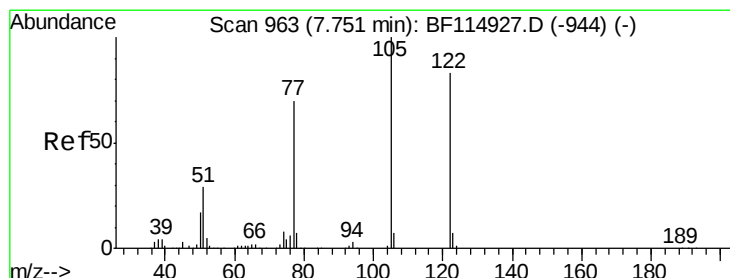
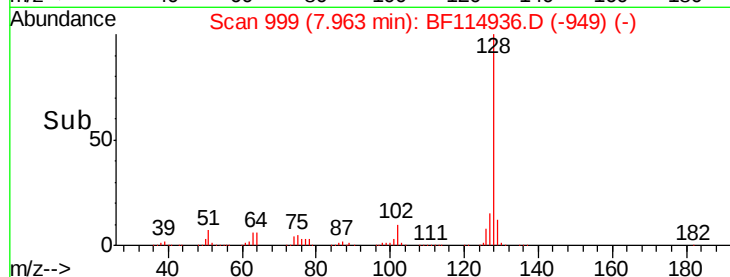
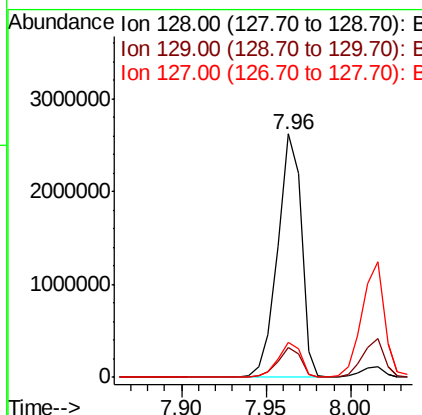
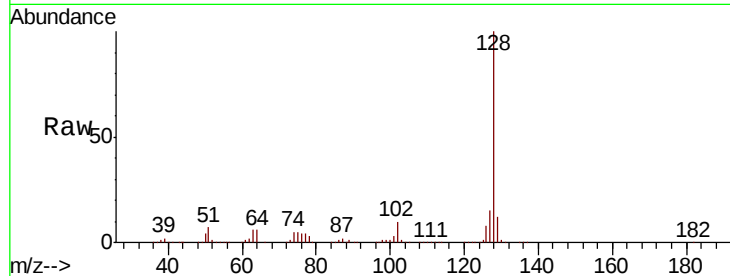
#31
Naphthalene
Concen: 42.700 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2516361
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.8
127 14.6 11.8 17.6

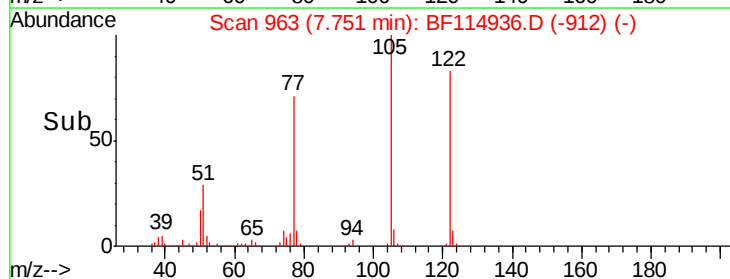
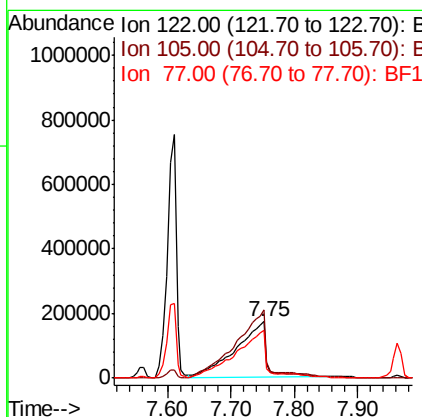
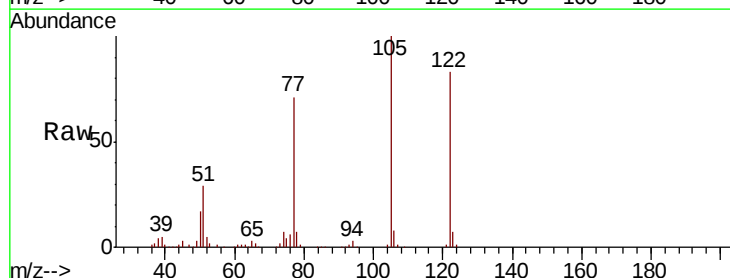
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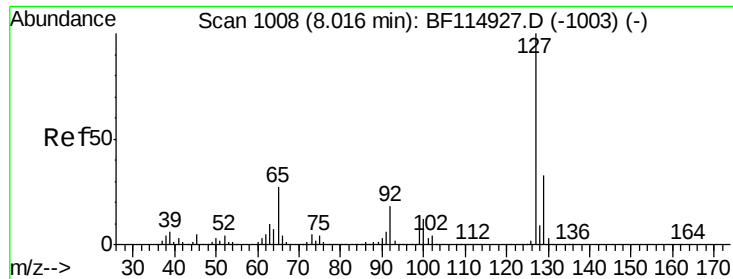
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#32
Benzoic acid
Concen: 46.232 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:122 Resp: 607924
Ion Ratio Lower Upper
122 100
105 121.2 97.7 137.7
77 85.8 63.0 103.0





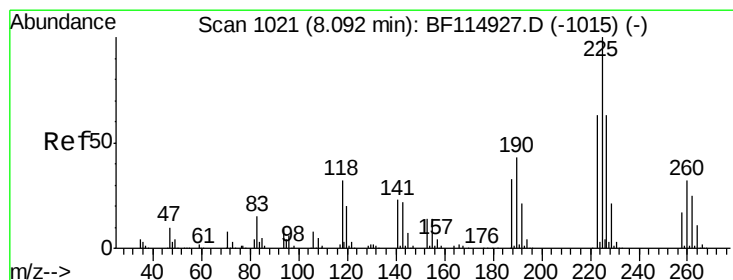
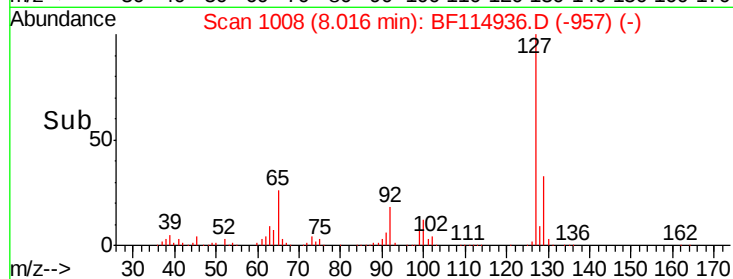
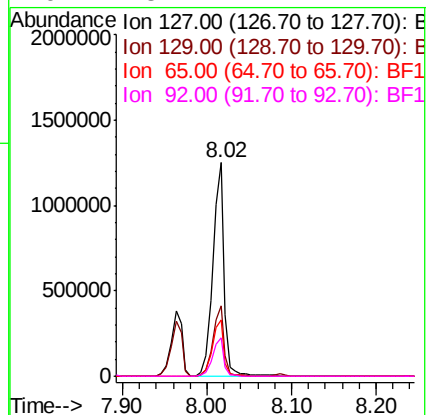
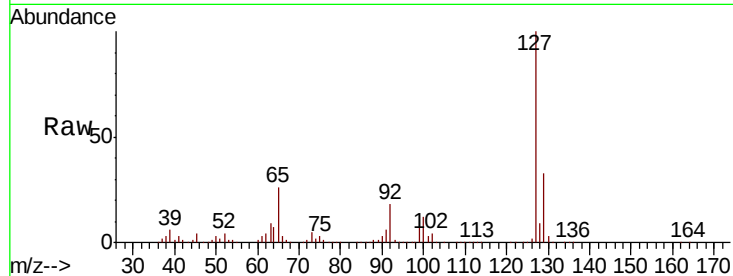
#33
4-Chloroaniline
Concen: 42.791 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	26.3	21.5	32.3
92	18.1	14.7	22.1

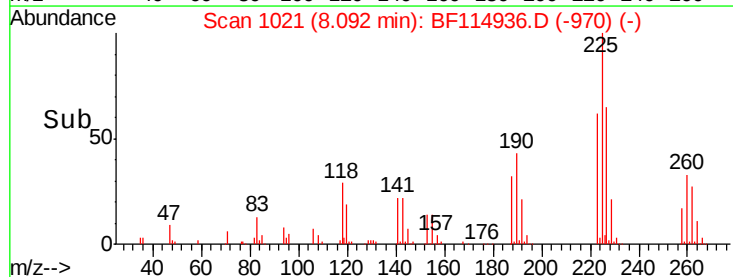
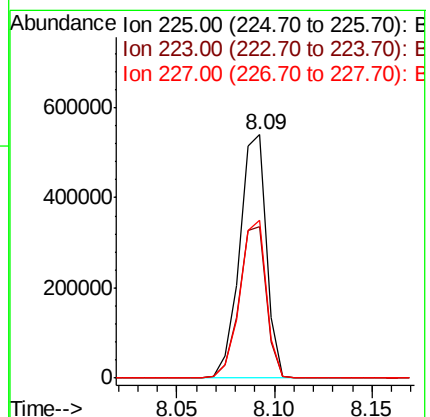
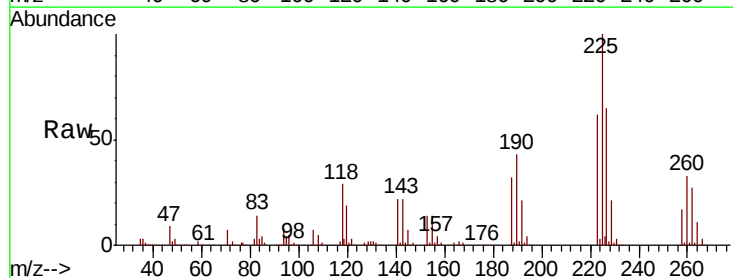
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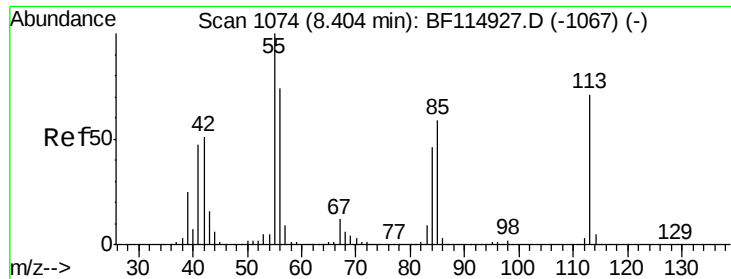
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#34
Hexachlorobutadiene
Concen: 43.312 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	64.7	50.6	75.8





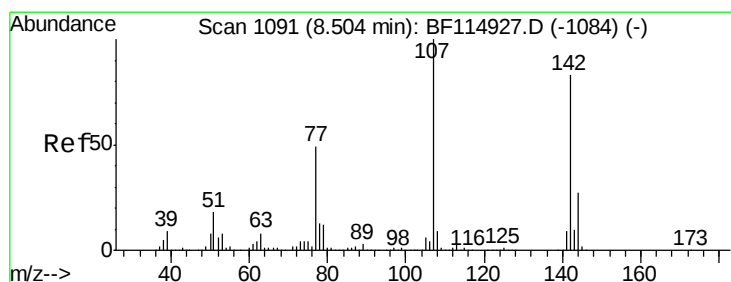
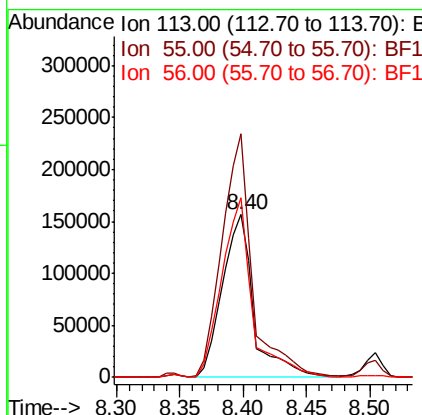
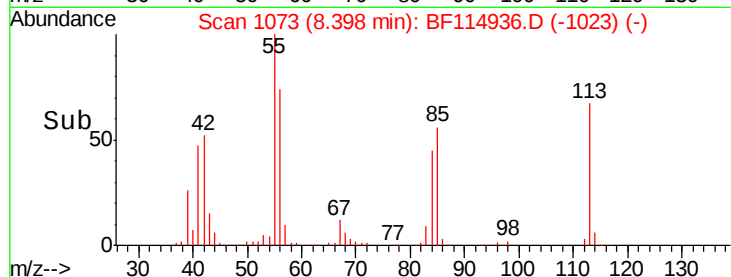
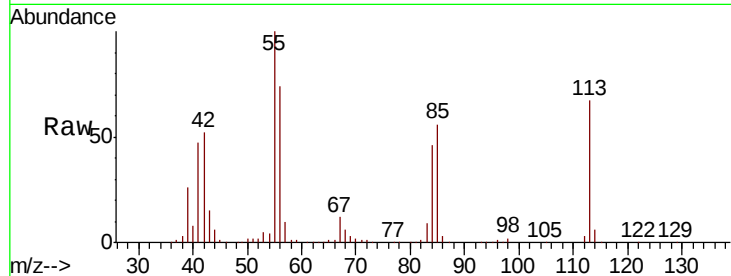
#35
Caprolactam
Concen: 43.024 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	267179		
55	149.5	120.9	160.9	
56	110.0	84.3	124.3	

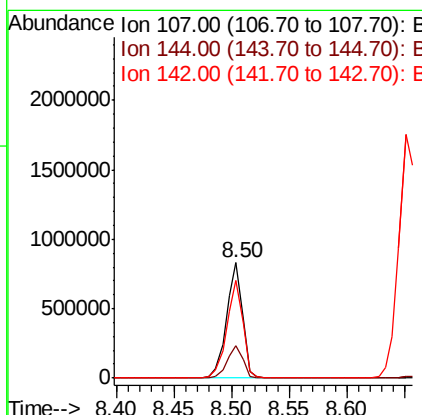
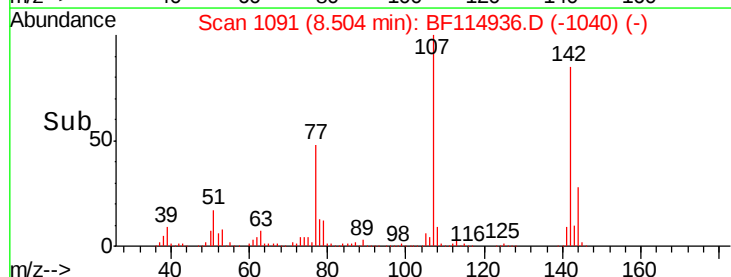
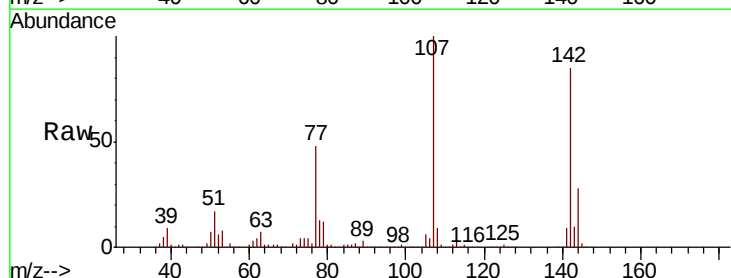
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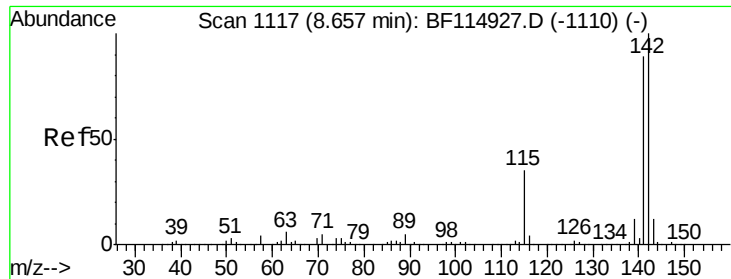
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#36
4-Chloro-3-methylphenol
Concen: 42.860 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	802532		
144	28.2	21.6	32.4	
142	84.7	66.1	99.1	





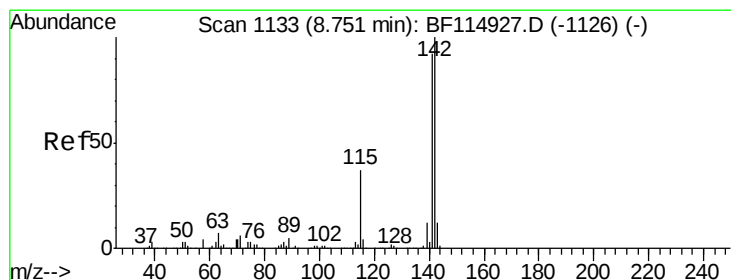
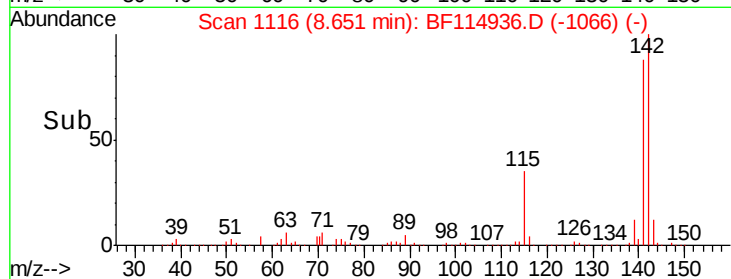
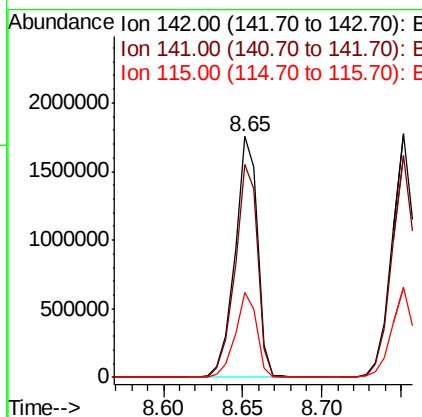
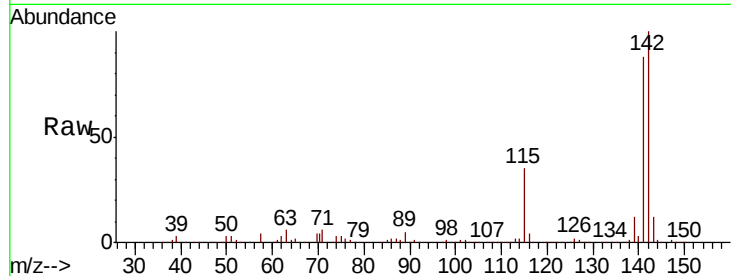
#37
2-Methylnaphthalene
Concen: 42.980 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1721172
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7
115 35.2 27.8 41.6

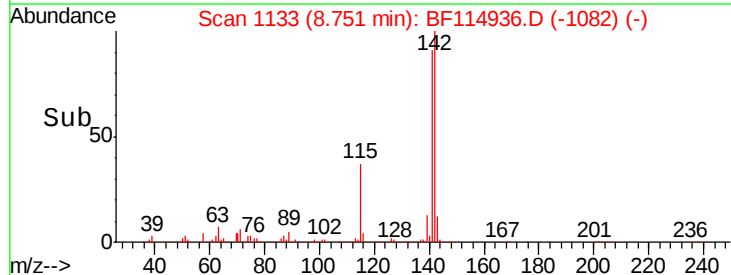
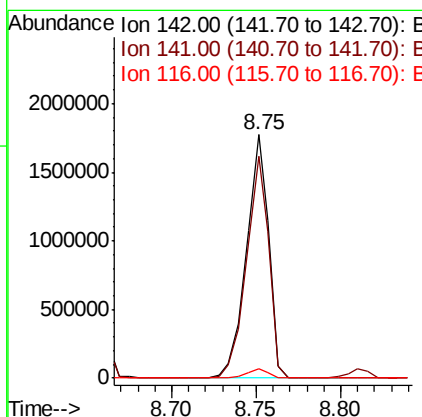
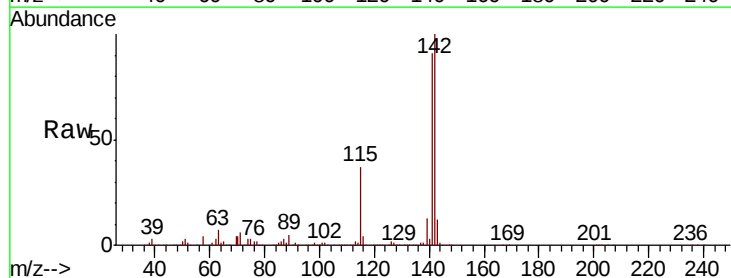
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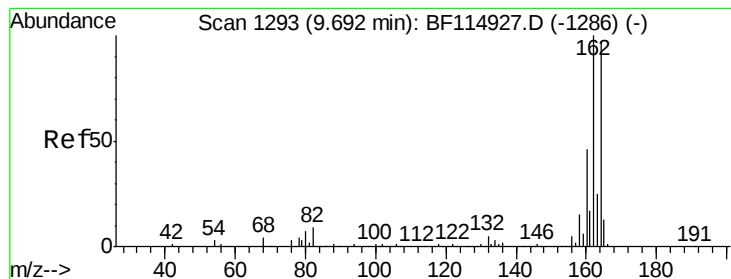
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#38
1-Methylnaphthalene
Concen: 43.066 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:142 Resp: 1631112
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114936.D

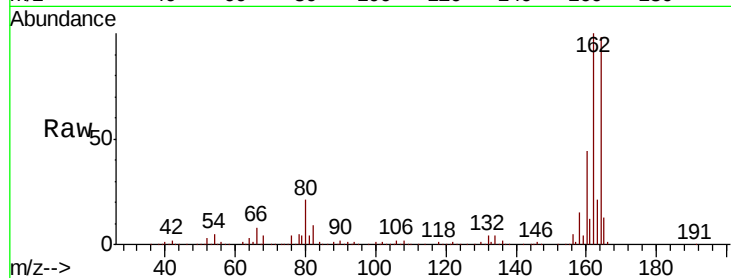
Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

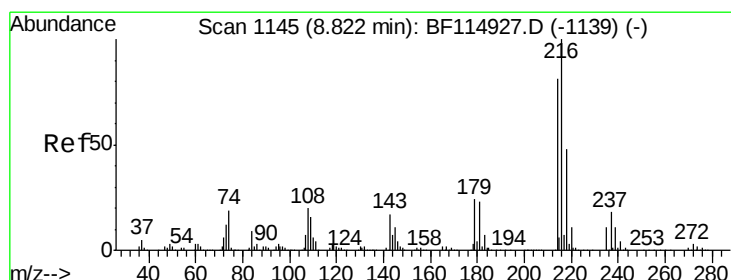
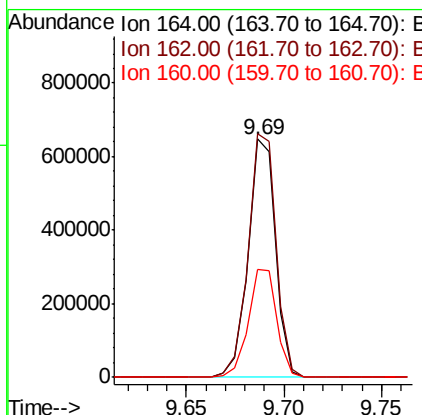
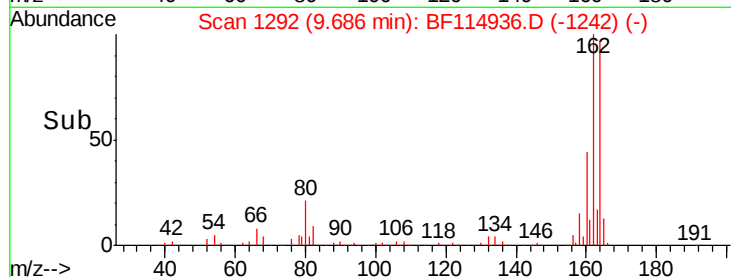
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	82.4	123.6	
160	45.1	37.5	56.3	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.732 ng

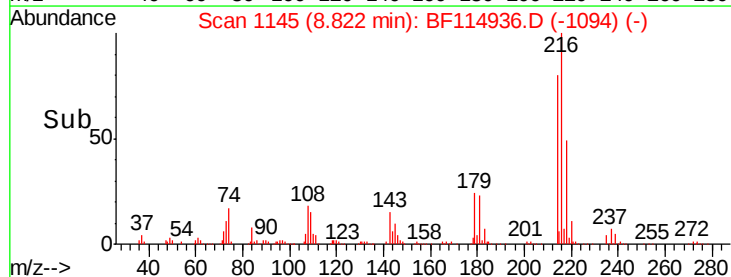
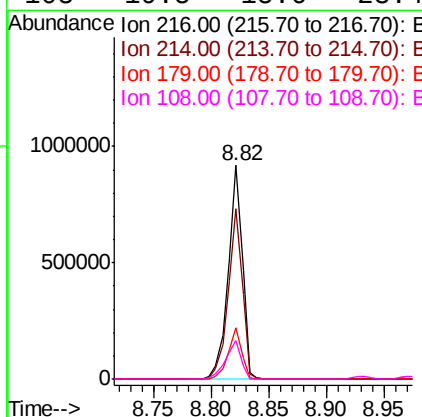
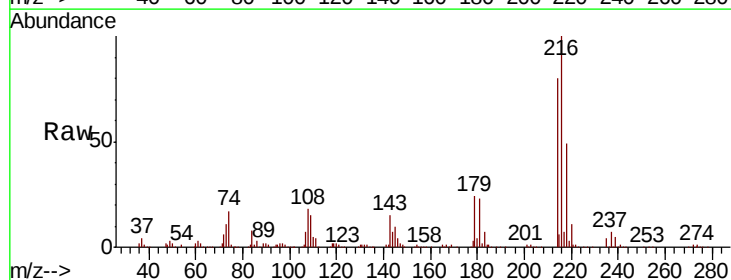
RT: 8.82 min Scan# 1145

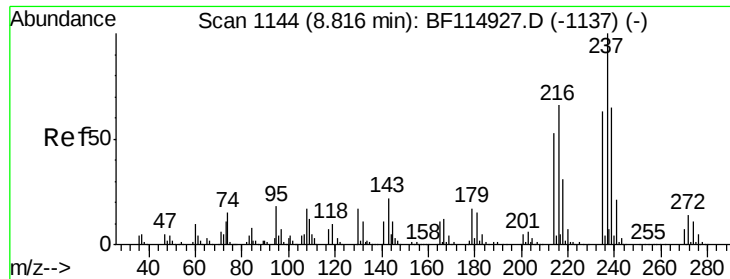
Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.8	95.8	
179	23.1	18.5	27.7	
108	19.5	15.6	23.4	





#41

Hexachlorocyclopentadiene

Concen: 44.061 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

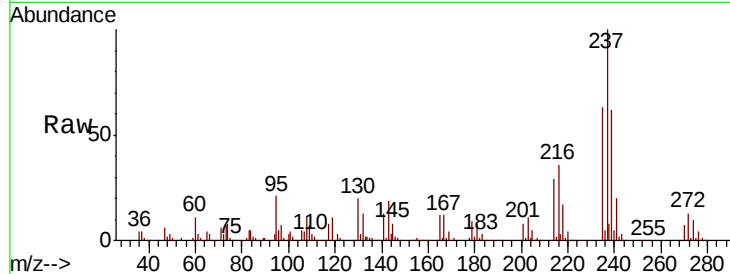
ClientSampleId :

SSTDCCC040

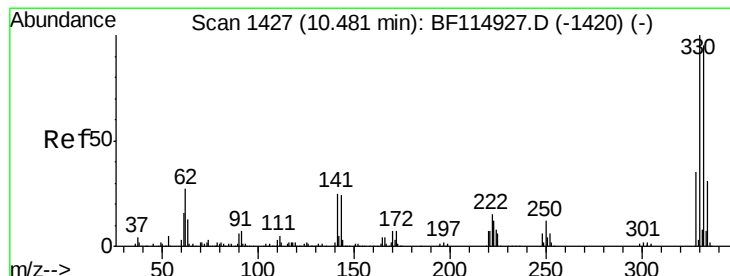
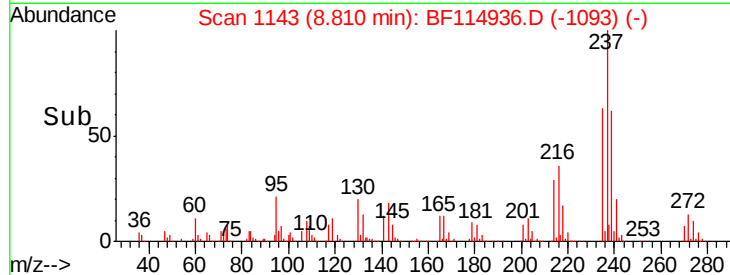
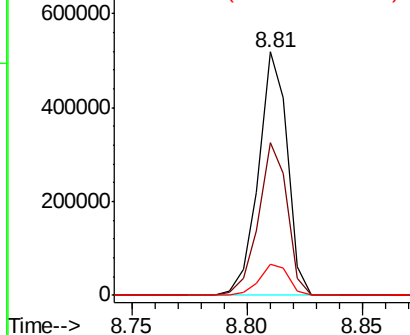
Tgt Ion:	237	Resp:	454008
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	12.9	0.0	33.5

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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: 82.369 ng

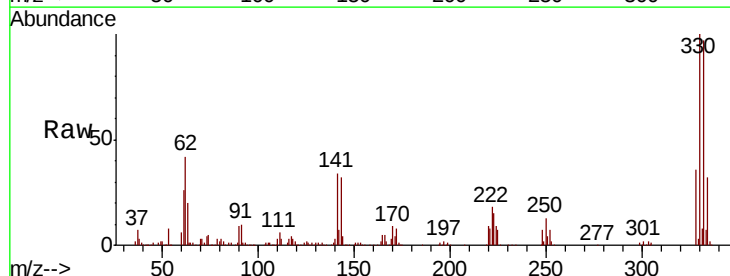
RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

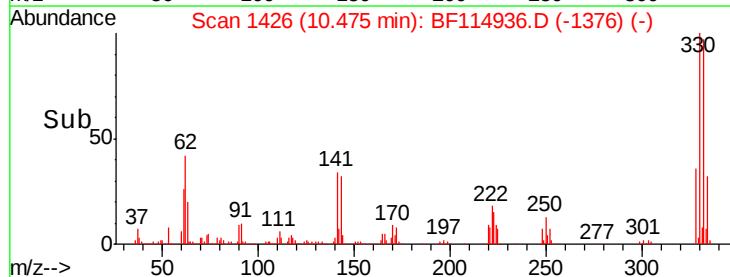
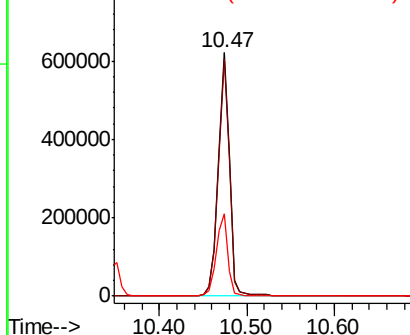
Lab File: BF114936.D

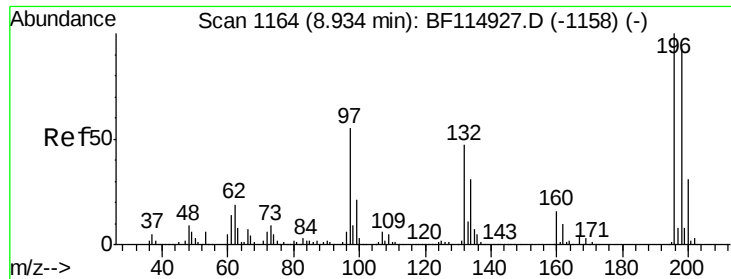
Acq: 11 Jun 2019 10:15

Tgt Ion:	330	Resp:	564931
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.4	114.6
141	34.0	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





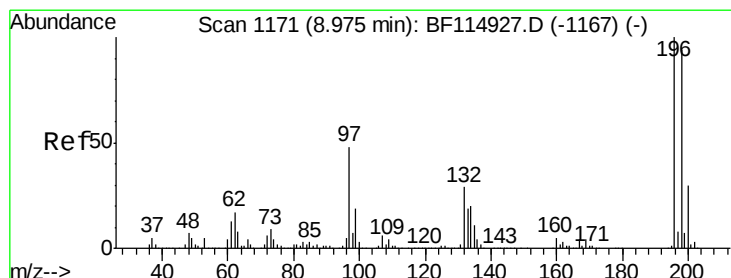
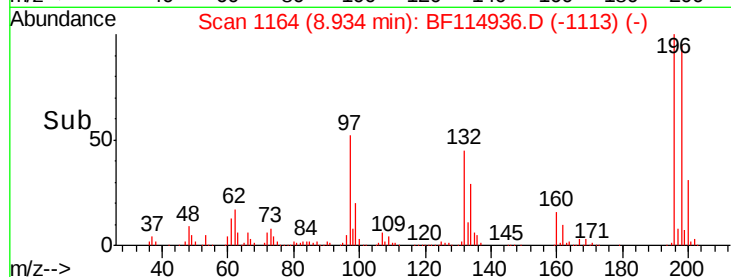
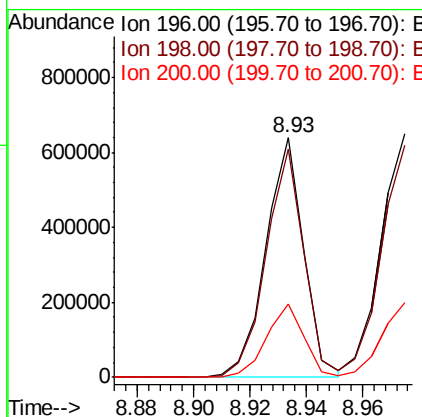
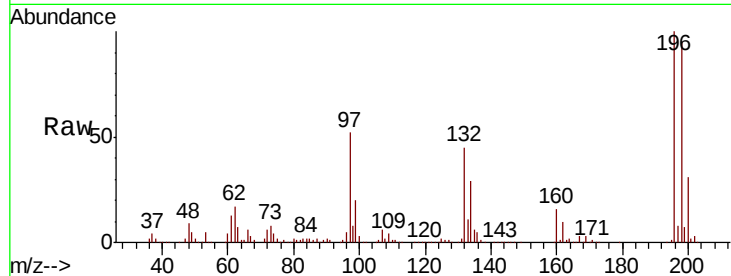
#43
2,4,6-Trichlorophenol
Concen: 43.096 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	593208		
198	95.2	74.8	112.2	
200	30.6	24.5	36.7	

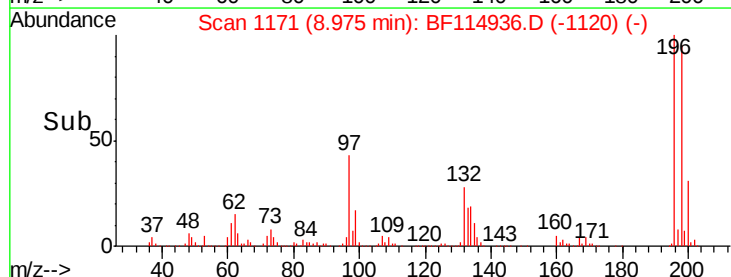
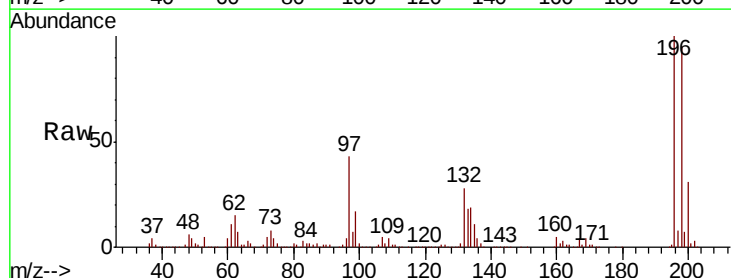
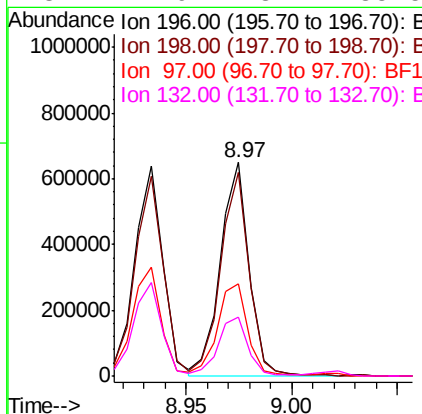
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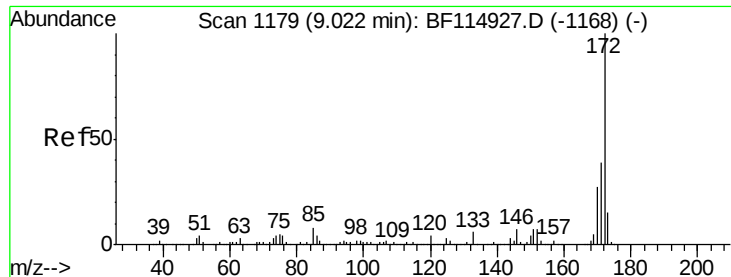
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6/12/2019 9:03:25 AM



#44
2,4,5-Trichlorophenol
Concen: 42.771 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	607057		
198	95.2	75.6	113.4	
97	43.2	38.6	57.8	
132	27.9	23.7	35.5	





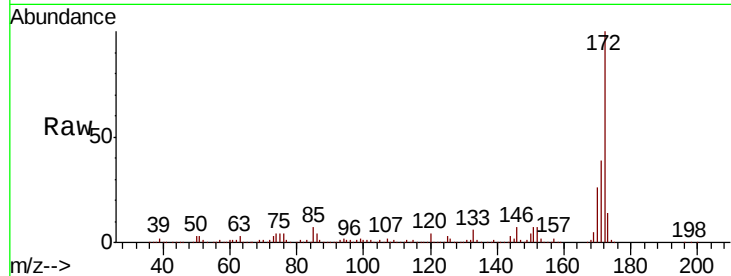
#45
2-Fluorobiphenyl
Concen: 77.059 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

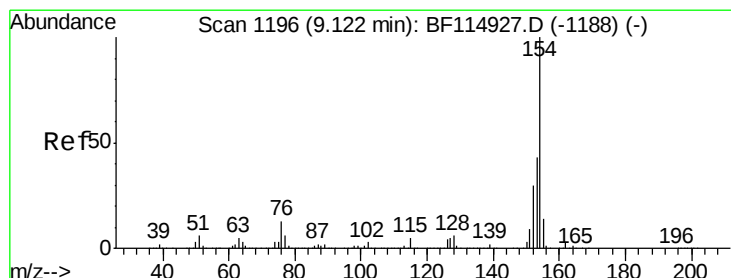
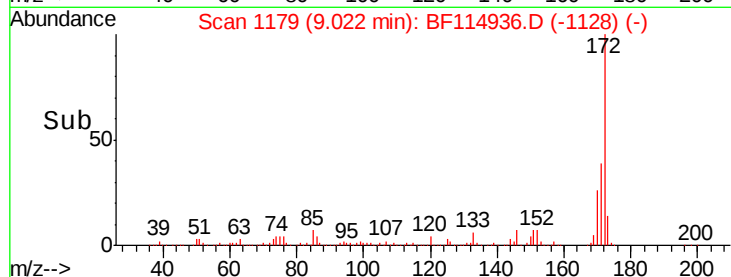
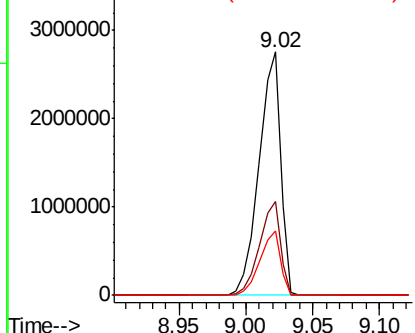
Tgt Ion:172 Resp: 3061314
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 26.4 21.4 32.0

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6/12/2019 9:03:25 AM

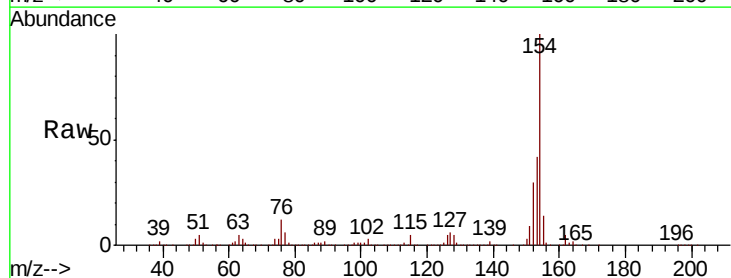


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

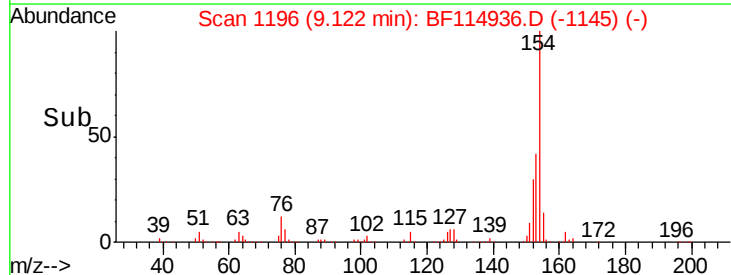
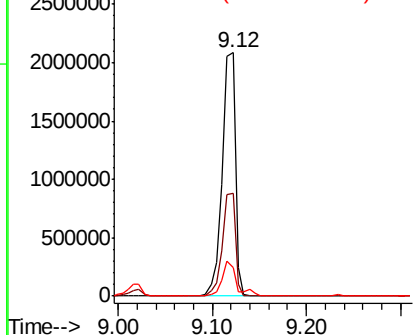


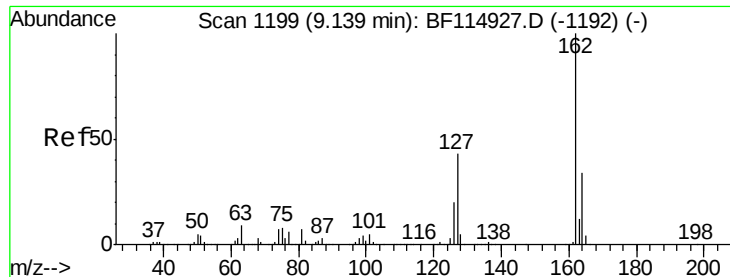
#46
1,1'-Biphenyl
Concen: 43.322 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:154 Resp: 2043492
Ion Ratio Lower Upper
154 100
153 42.3 22.8 62.8
76 11.9 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





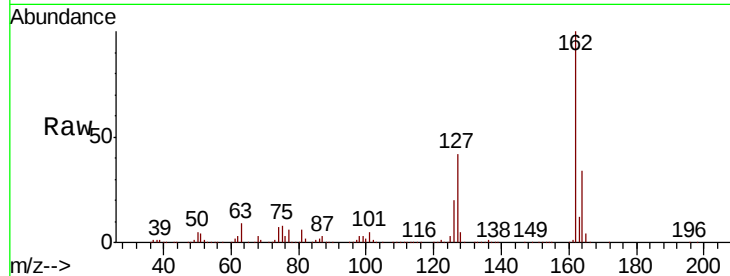
#47
2-Chloronaphthalene
Concen: 43.342 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

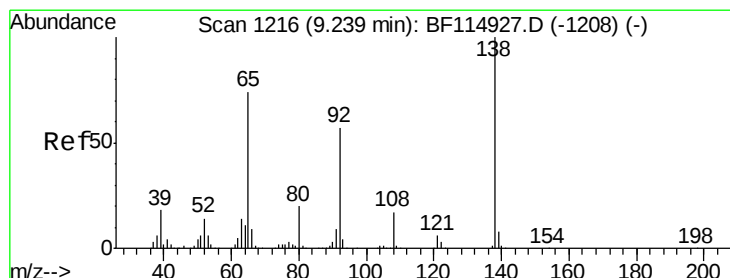
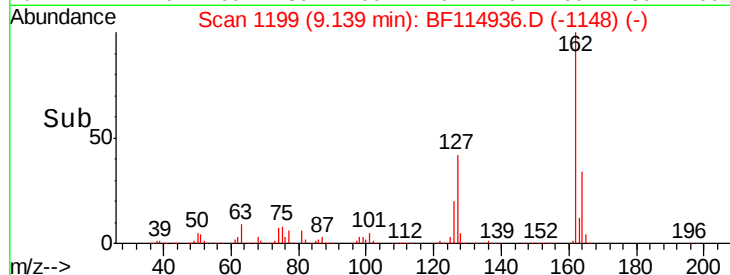
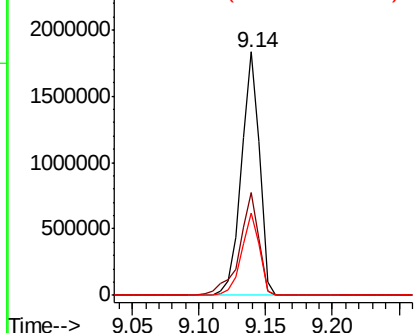
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.6	51.8
164	34.1	27.5	41.3

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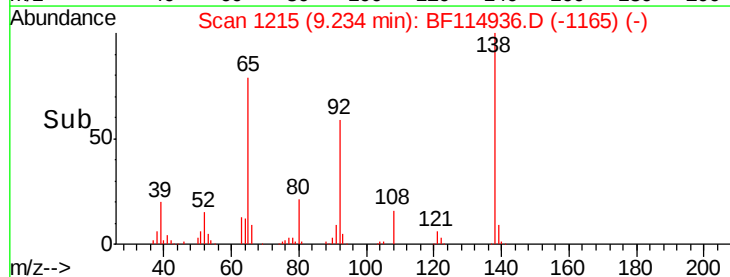
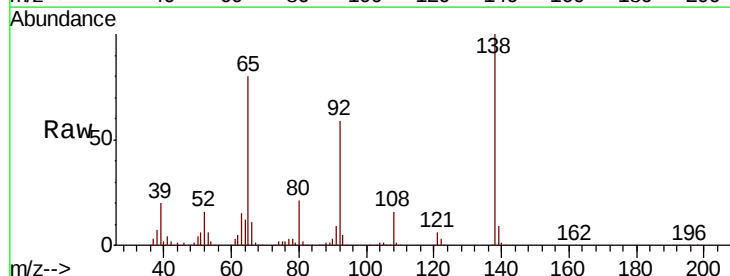
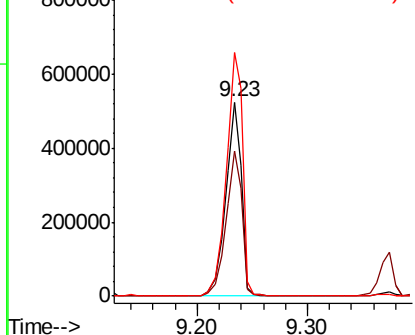
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

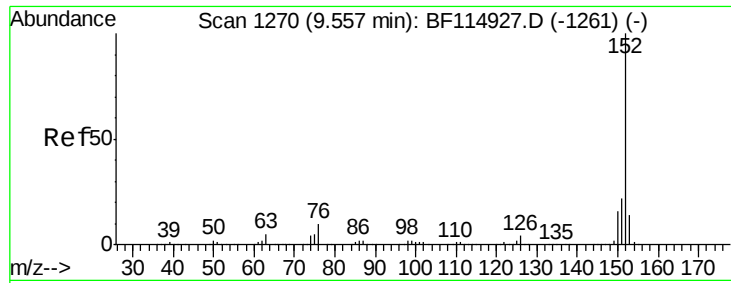


#48
2-Nitroaniline
Concen: 42.737 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	61.9	92.9
138	125.7	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: 43.310 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 2541328

Ion Ratio Lower Upper

152 100

151 21.9 17.6 26.4

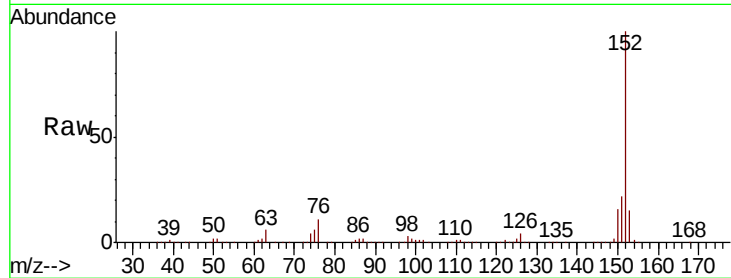
153 14.6 11.4 17.0

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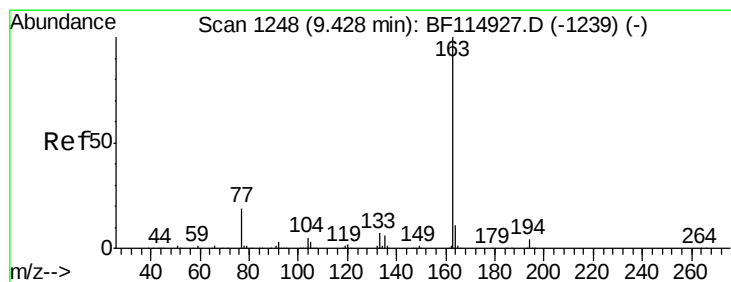
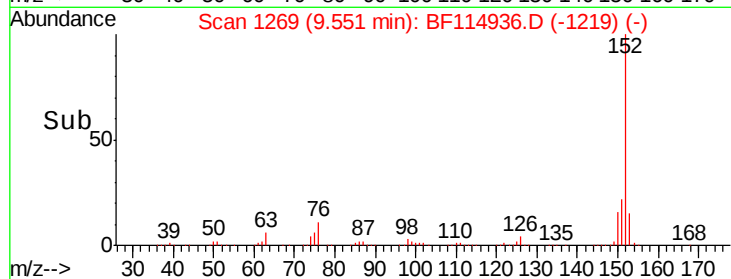
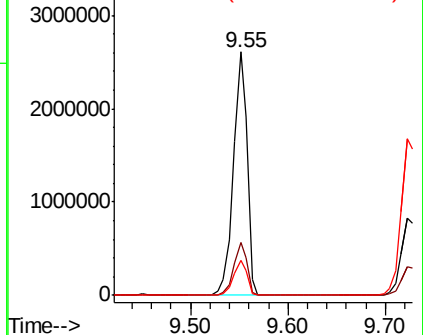
6/12/2019 9:03:25 AM



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: 42.372 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

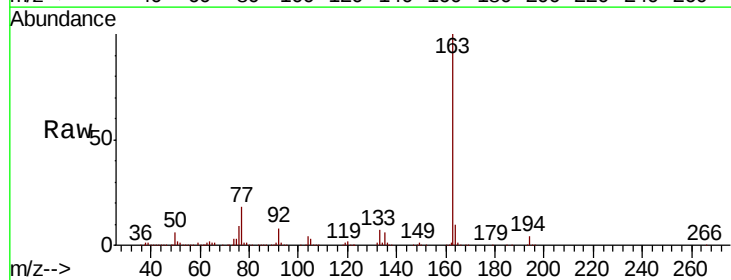
Tgt Ion:163 Resp: 2007887

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

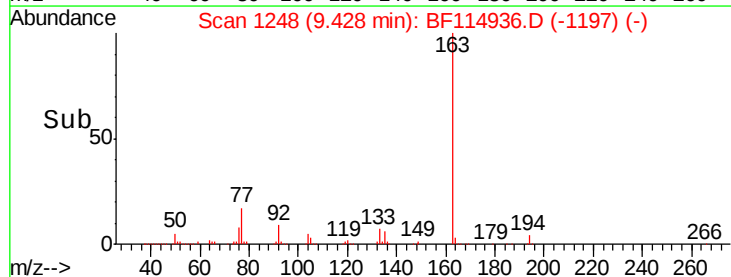
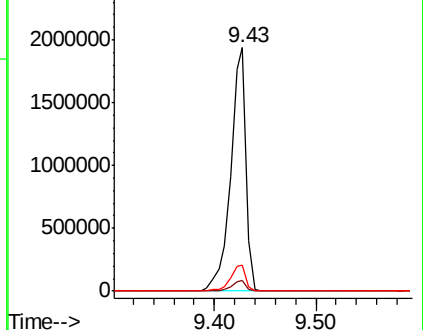
164 10.5 8.7 13.1

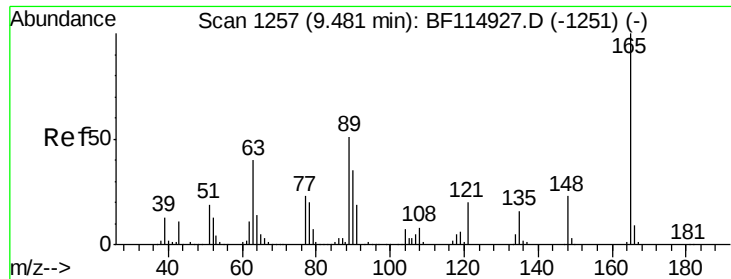


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





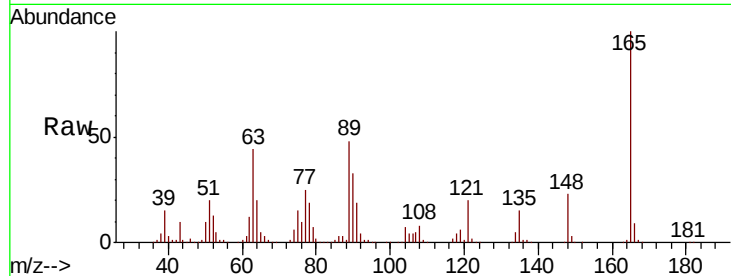
#51
2,6-Dinitrotoluene
Concen: 42.901 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

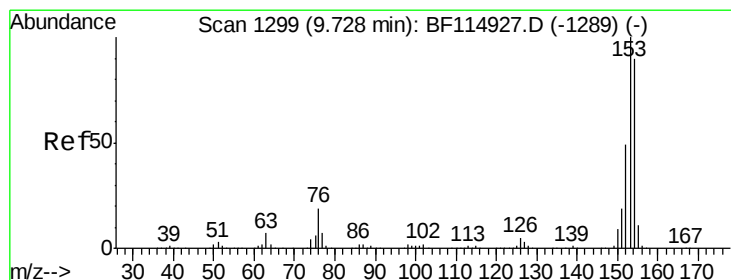
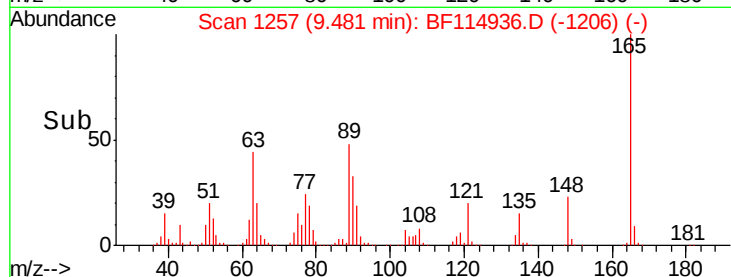
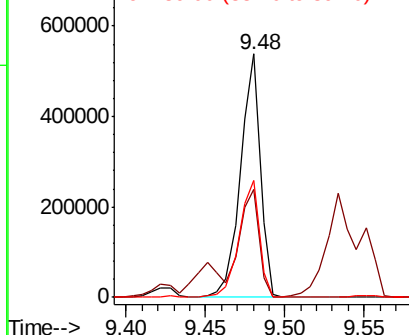
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	466933		
63	44.5	38.3	57.5	
89	48.0	40.8	61.2	

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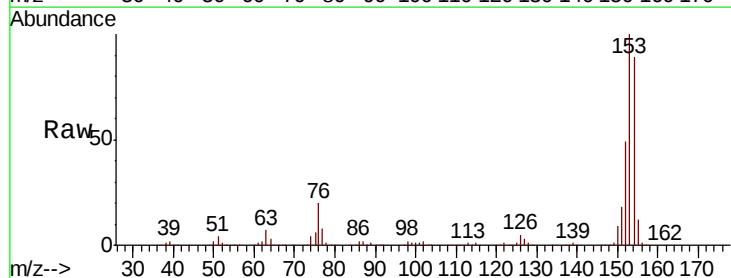


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

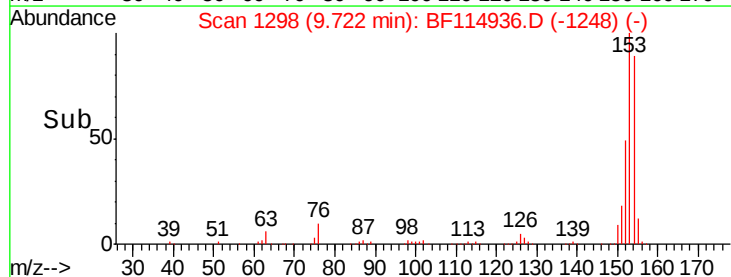
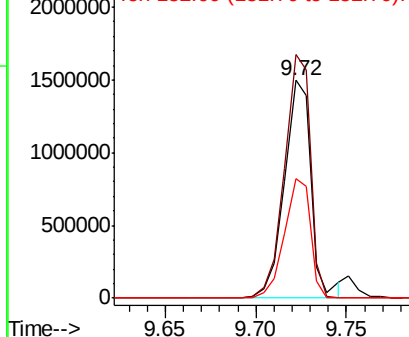


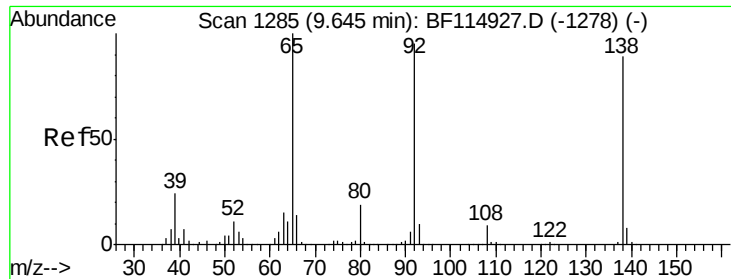
#52
Acenaphthene
Concen: 43.487 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1545906		
153	112.0	89.1	133.7	
152	55.1	43.8	65.6	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





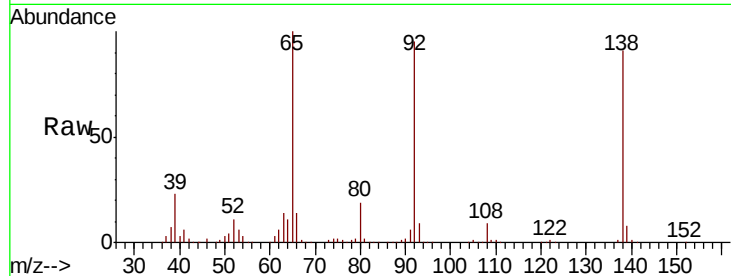
#53
3-Nitroaniline
Concen: 42.221 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
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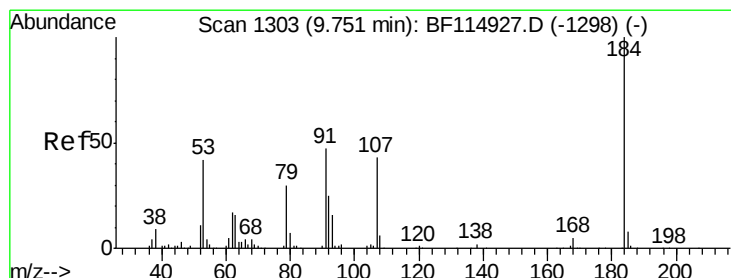
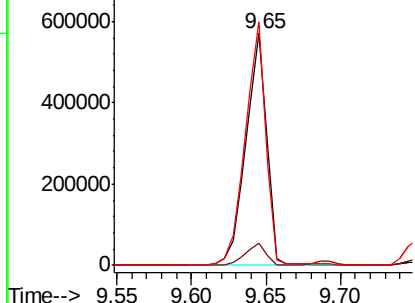
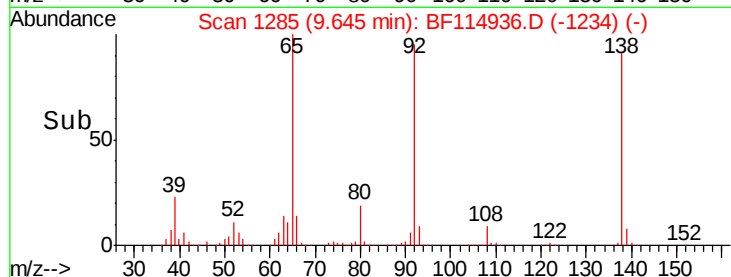
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	551826		
108	9.8	7.9	11.9	
92	105.0	85.0	127.6	

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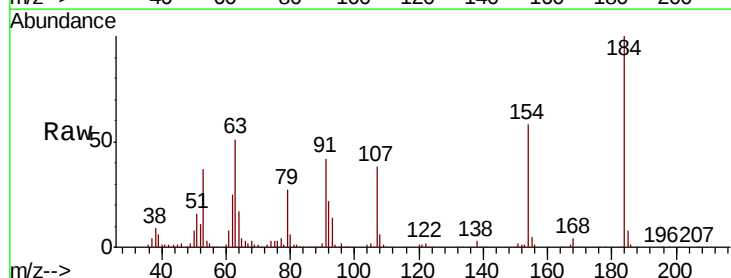


Abundance Ion 138.00 (137.70 to 138.70): E
800000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

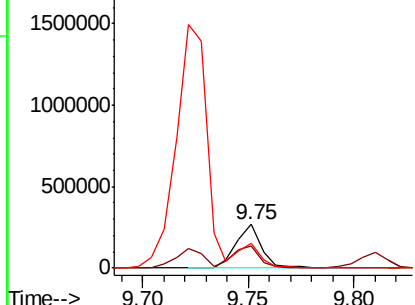
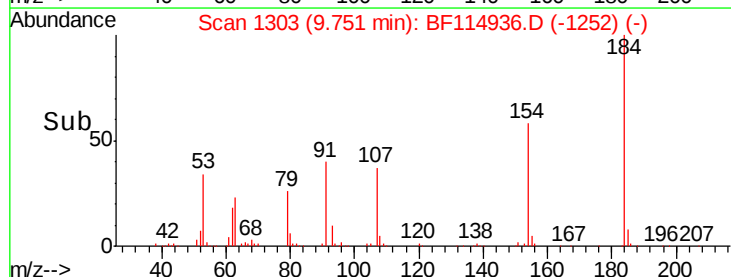


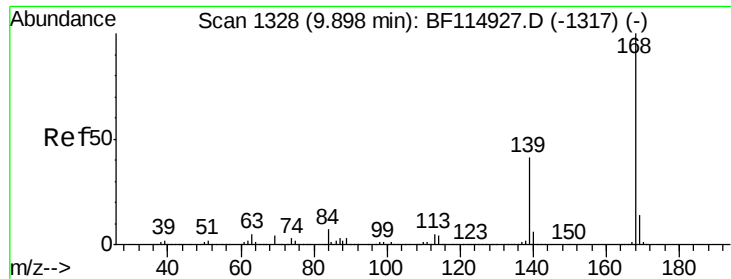
#54
2,4-Dinitrophenol
Concen: 42.169 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	227164		
63	51.0	47.4	71.0	
154	58.1	48.6	73.0	



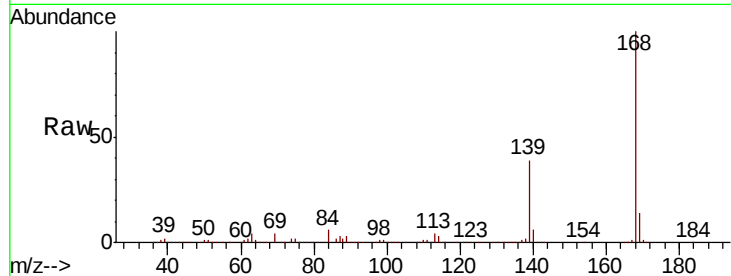
Abundance Ion 184.00 (183.70 to 184.70): E
2000000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55
Dibenzofuran
Concen: 43.118 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

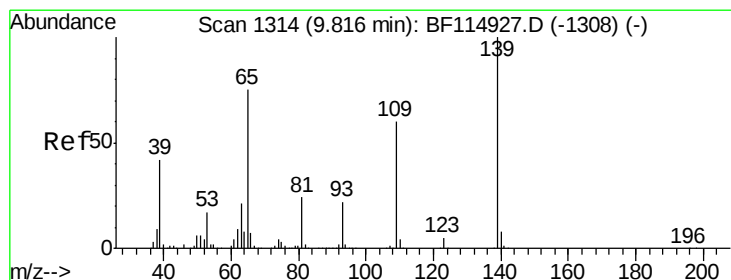
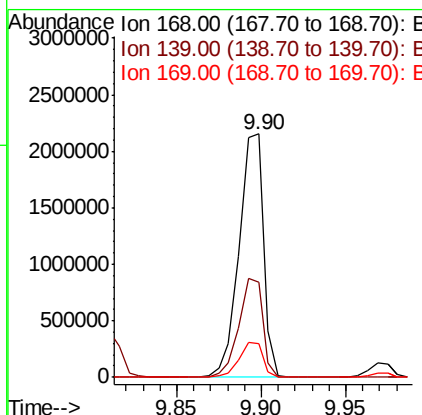
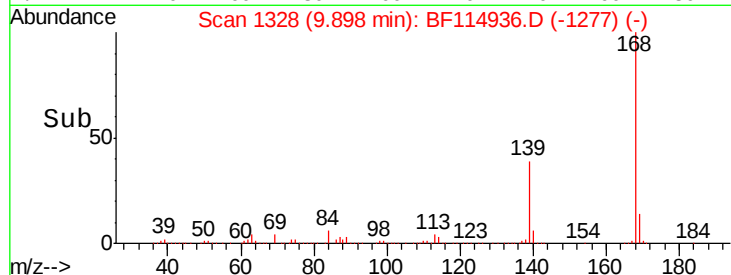
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 2188029
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.4
169 14.1 11.6 17.4

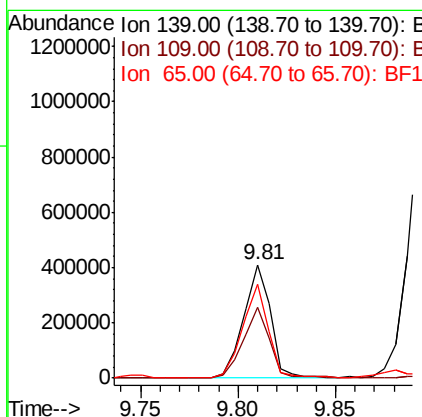
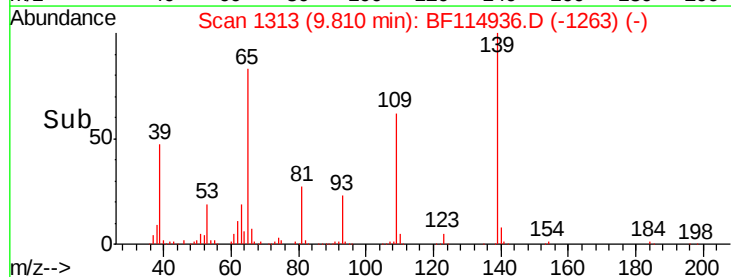
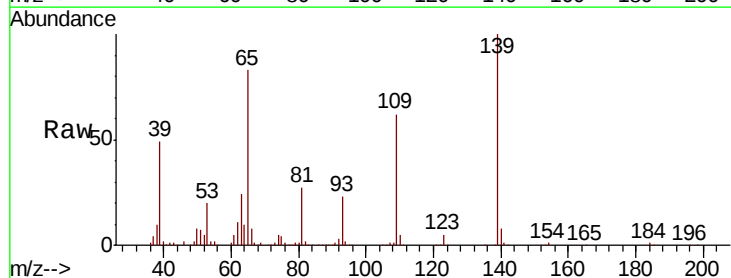
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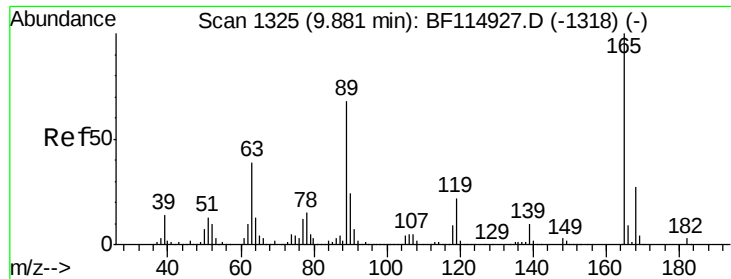
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#56
4-Nitrophenol
Concen: 42.410 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:139 Resp: 395045
Ion Ratio Lower Upper
139 100
109 62.1 40.0 80.0
65 83.4 55.0 95.0





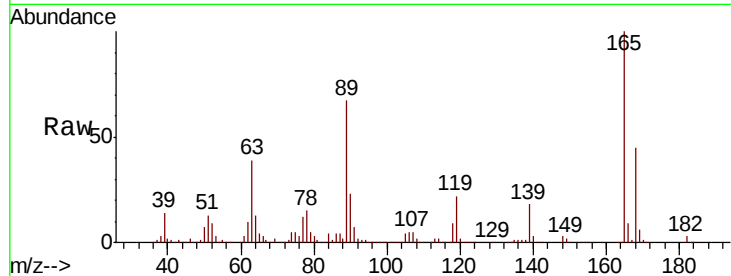
#57
2,4-Dinitrotoluene
Concen: 43.224 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	594667		
63	38.6	31.8	47.6	
89	66.6	54.2	81.2	
182	2.6	2.1	3.1	

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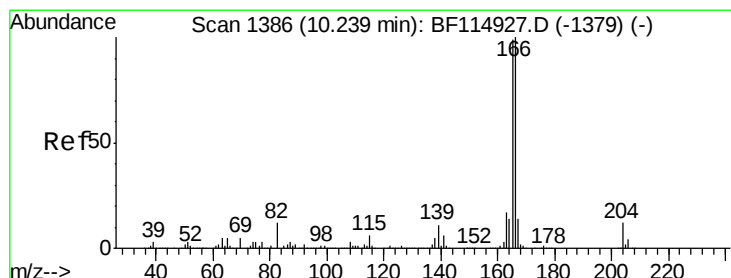
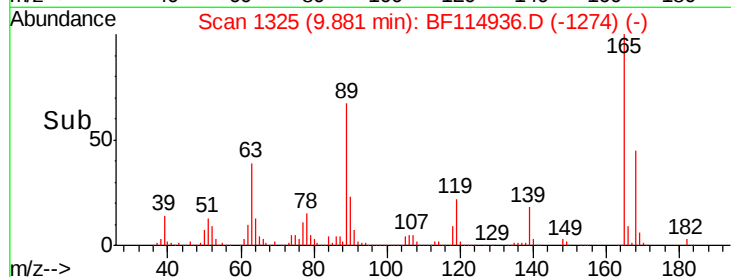
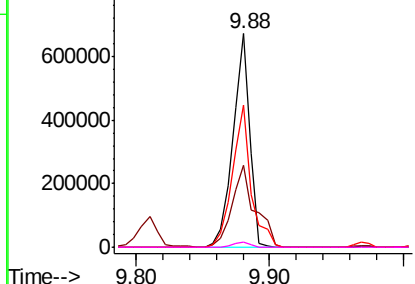
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

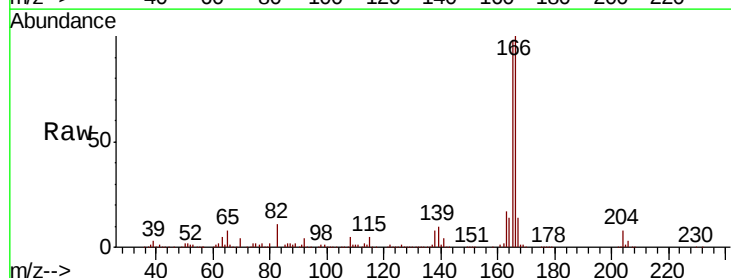
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.979 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1563869		
165	98.0	79.2	118.8	
167	13.5	11.0	16.6	

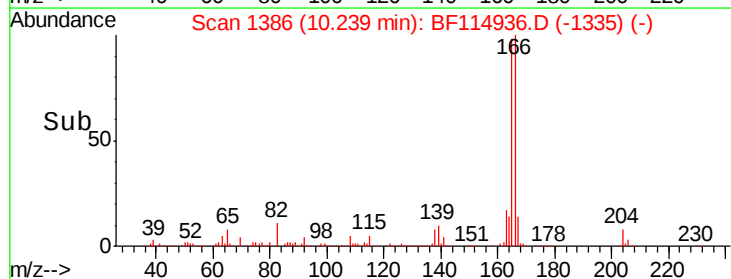
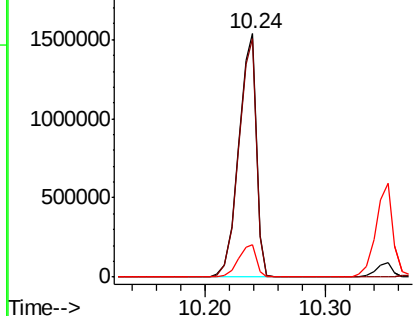


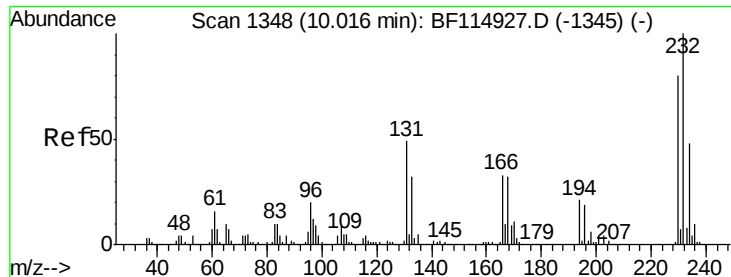
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





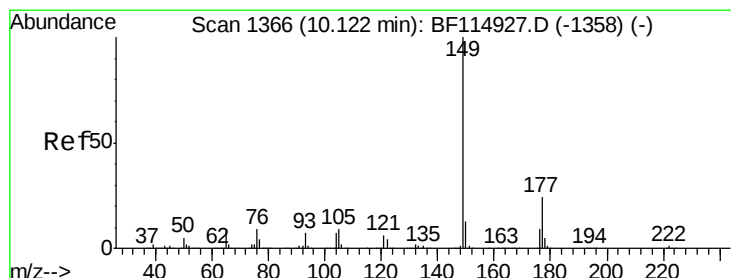
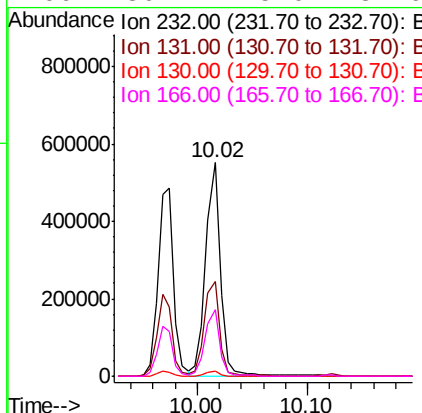
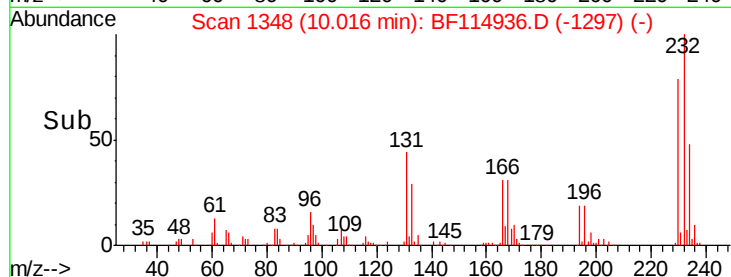
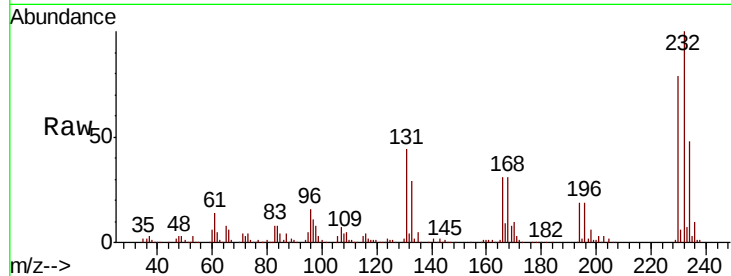
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.255 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.0	55.4
130	2.2	1.8	2.6
166	30.7	25.0	37.6

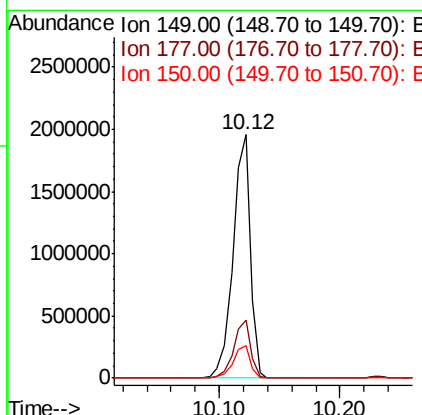
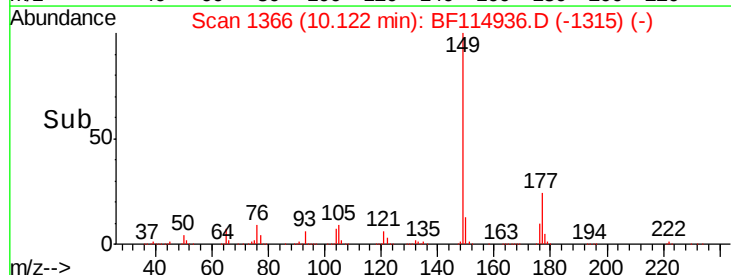
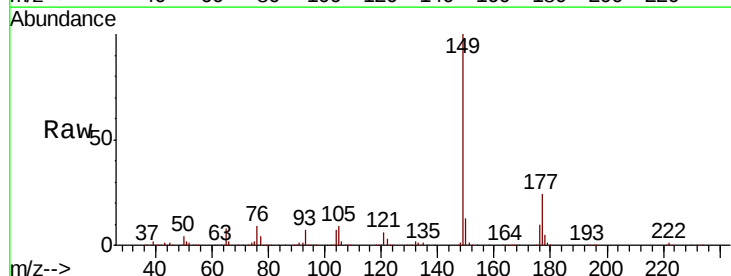
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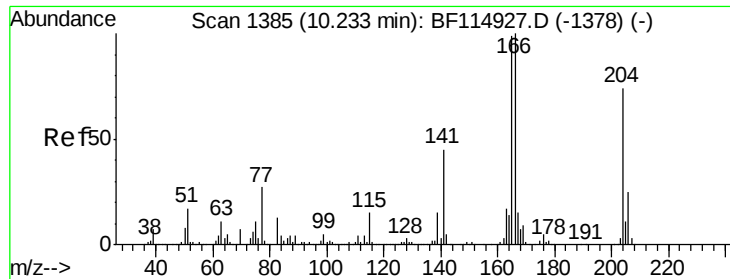
mohammad
 6/12/2019 9:03:25 AM



#60
 Diethylphthalate
 Concen: 42.379 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	13.1	10.6	16.0





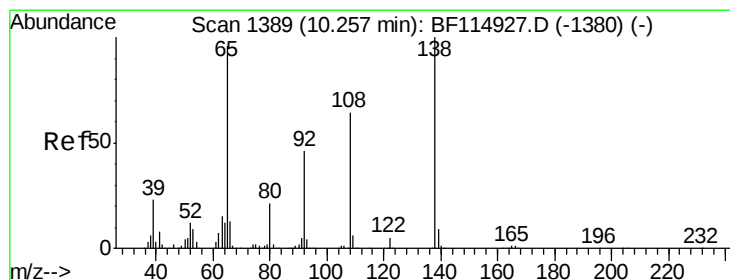
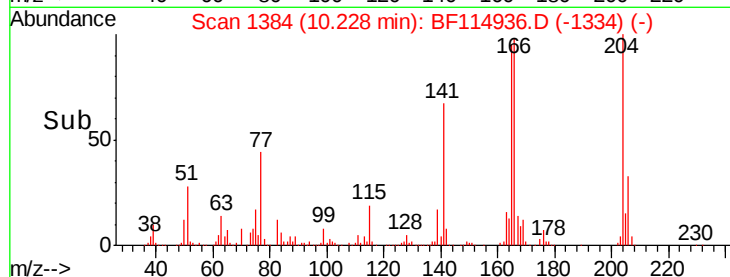
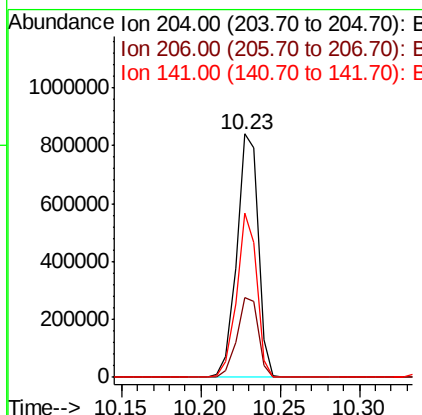
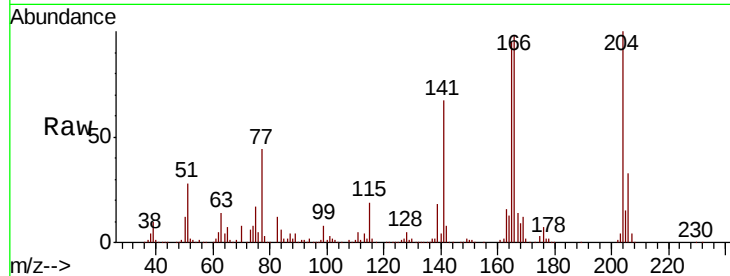
#61
4-Chlorophenyl-phenylether
Concen: 40.160 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.8	40.2
141	67.2	48.5	72.7

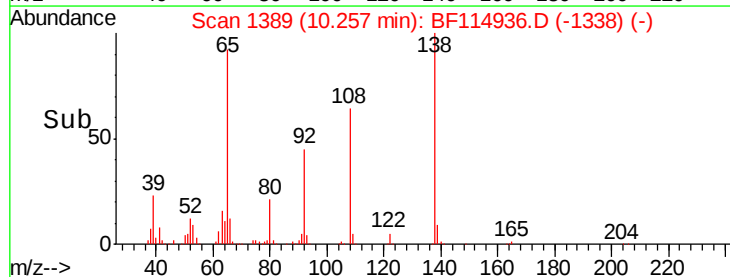
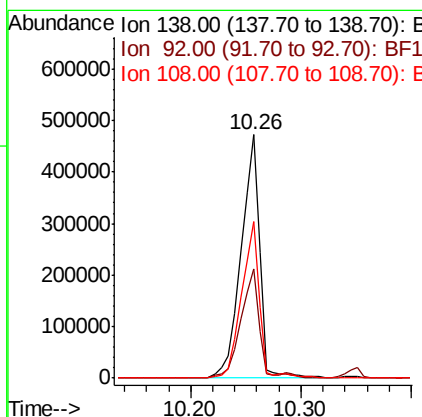
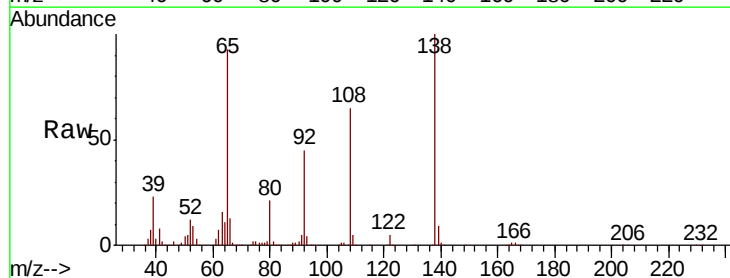
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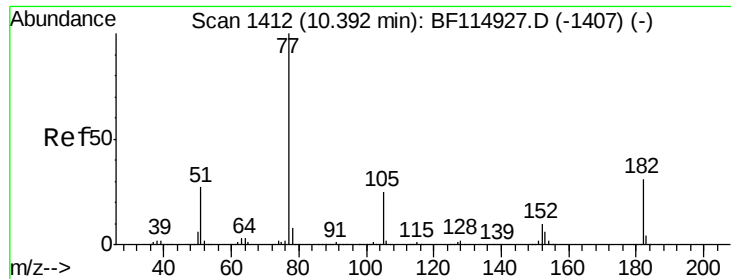
mohammad
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#62
4-Nitroaniline
Concen: 41.903 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	64.5	44.0	84.0





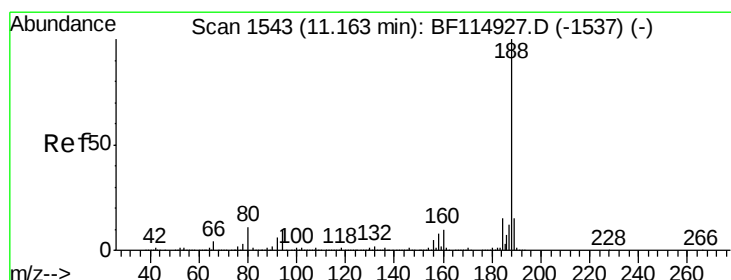
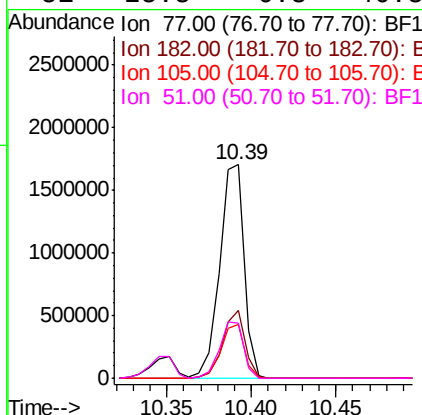
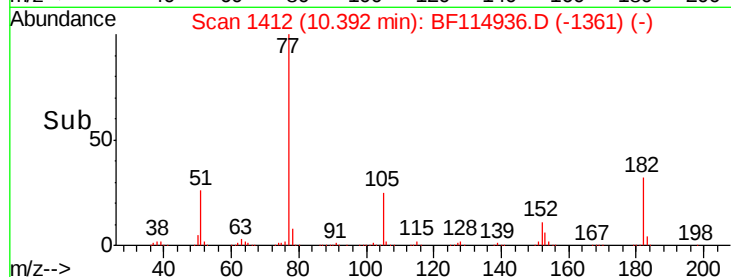
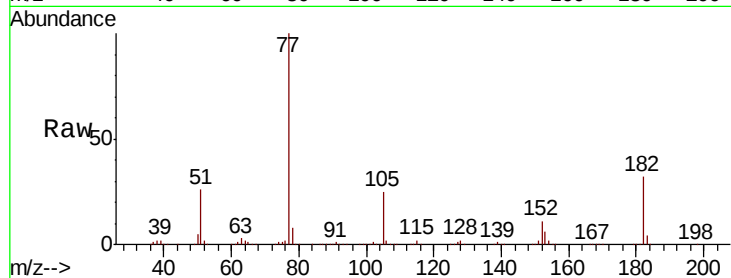
#63
Azobenzene
Concen: 42.723 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1712639
Ion Ratio Lower Upper
77 100
182 32.0 10.8 50.8
105 25.3 5.3 45.3
51 25.8 6.8 46.8

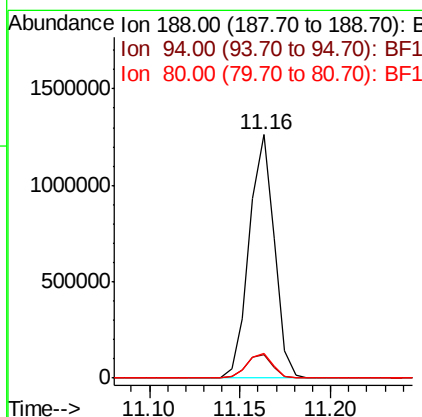
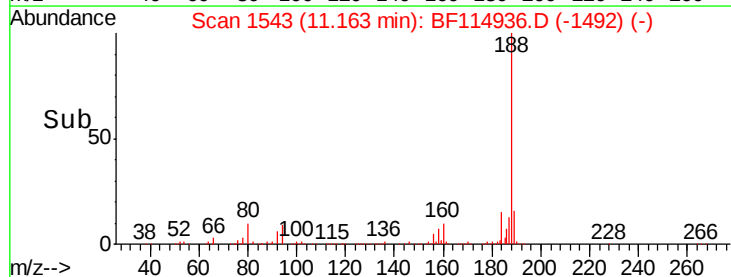
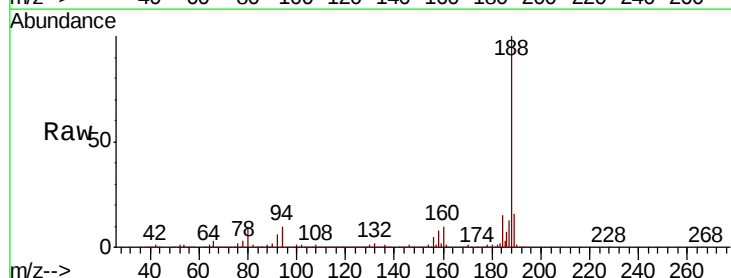
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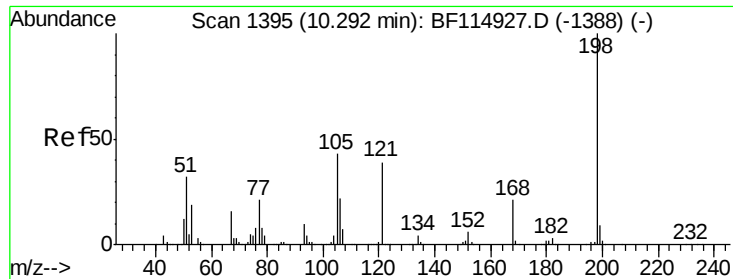
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion: 188 Resp: 1218550
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.2 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 43.024 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 294008

Ion Ratio Lower Upper

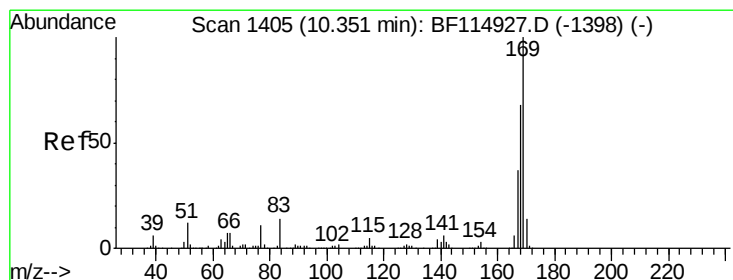
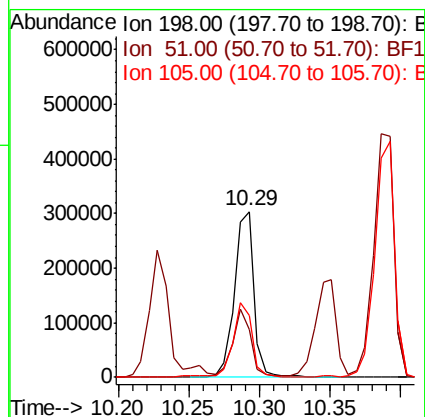
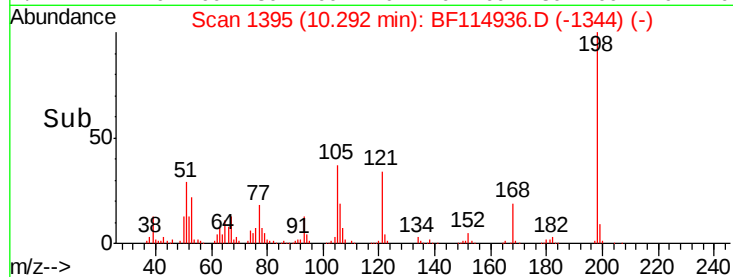
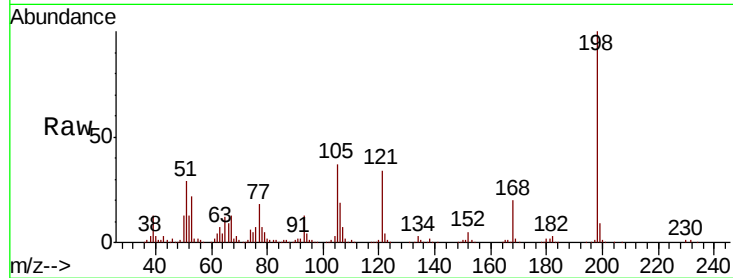
198 100

51 28.9 16.8 56.8

105 37.4 23.5 63.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 42.980 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

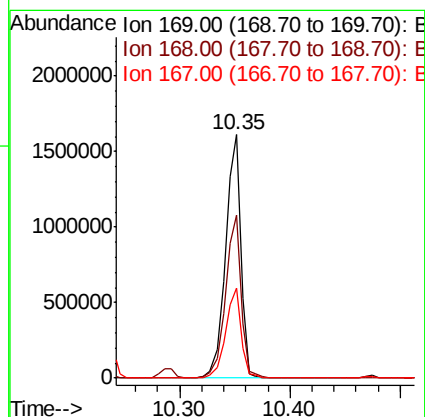
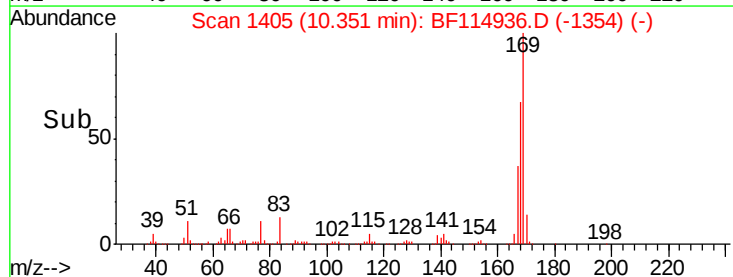
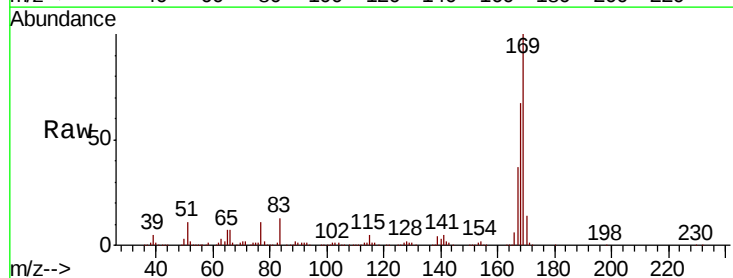
Tgt Ion:169 Resp: 1555983

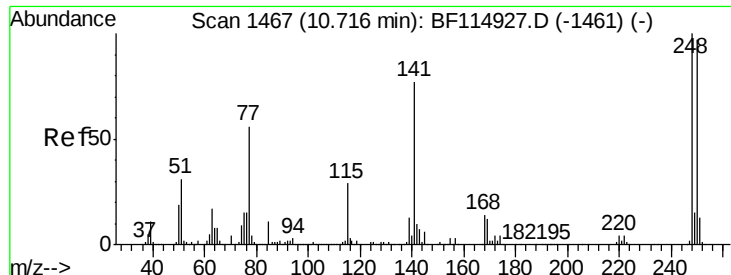
Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

167 36.7 29.4 44.2





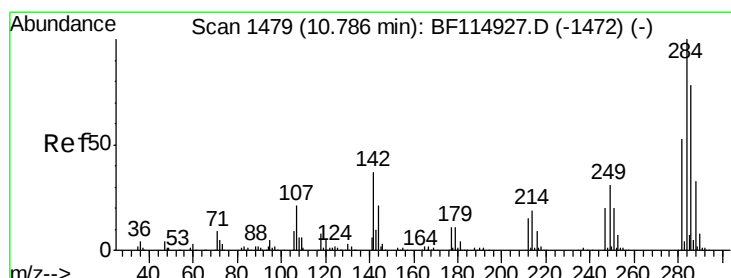
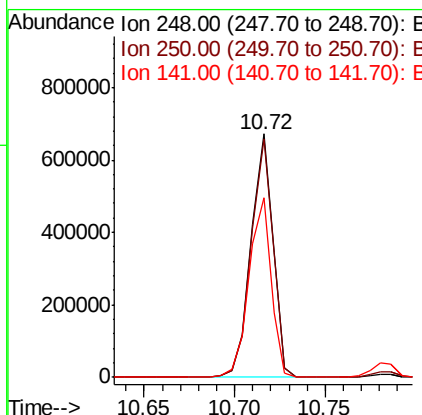
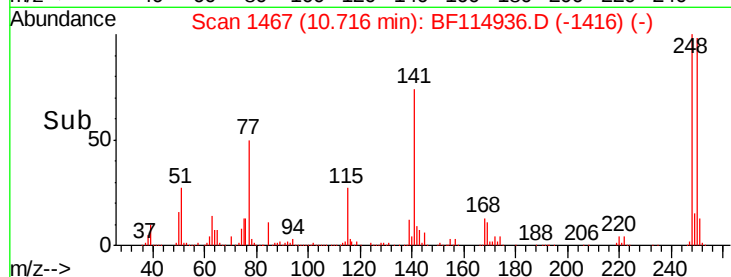
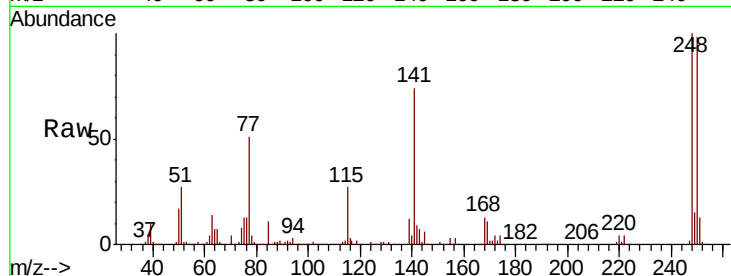
#67
 4-Bromophenyl-phenylether
 Concen: 43.048 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.4	116.0
141	73.9	61.8	92.6

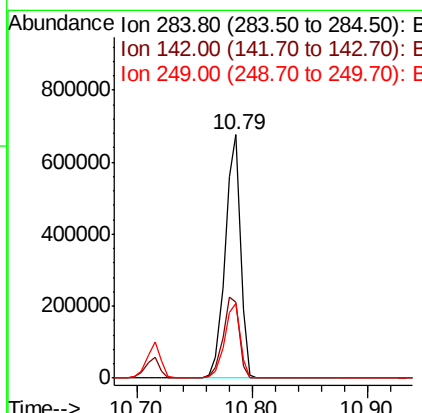
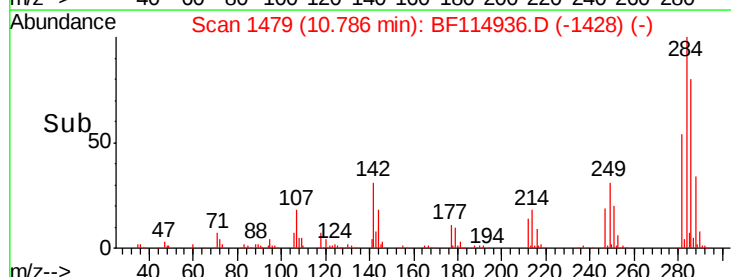
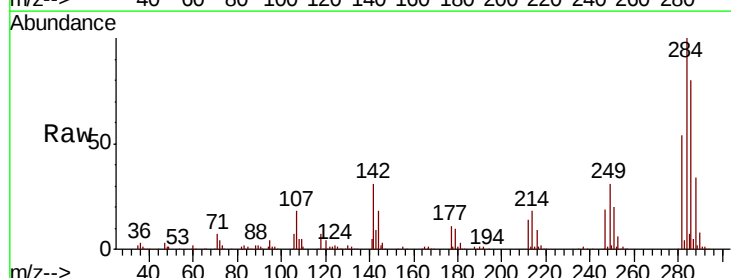
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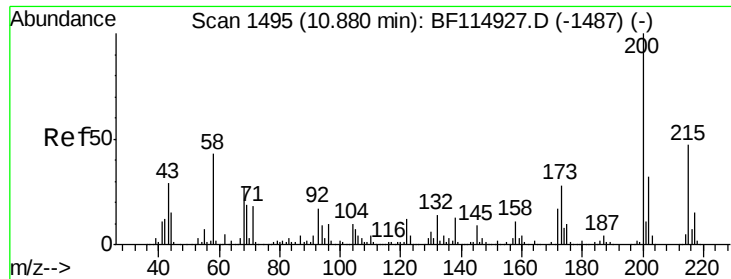
mohammad
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#68
 Hexachlorobenzene
 Concen: 42.558 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	29.3	43.9
249	30.6	25.1	37.7





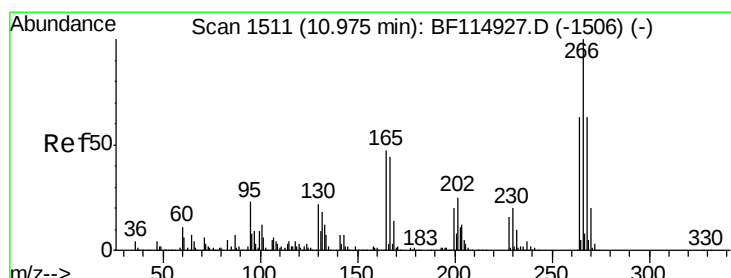
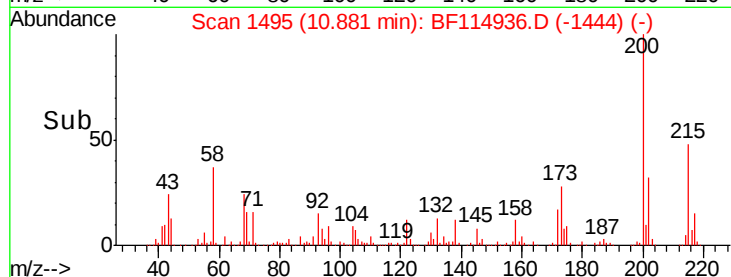
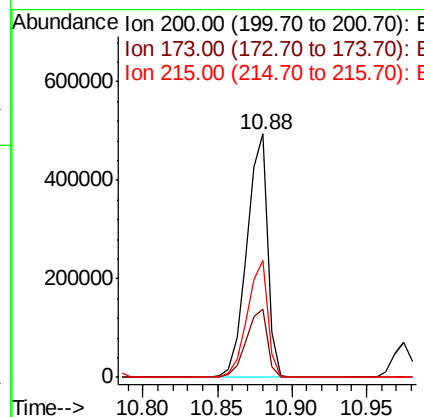
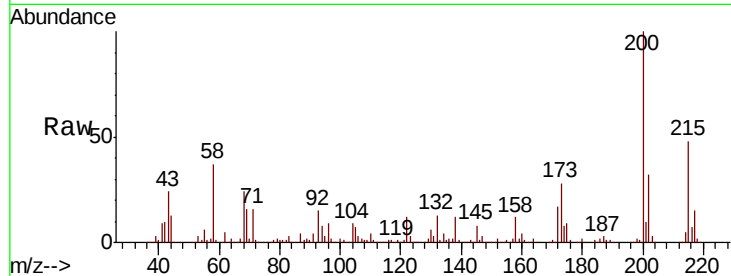
#69
Atrazine
Concen: 39.067 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	476560		
173	27.8	8.3	48.3	
215	47.8	26.6	66.6	

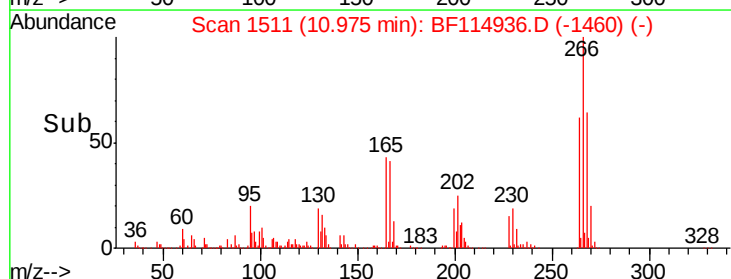
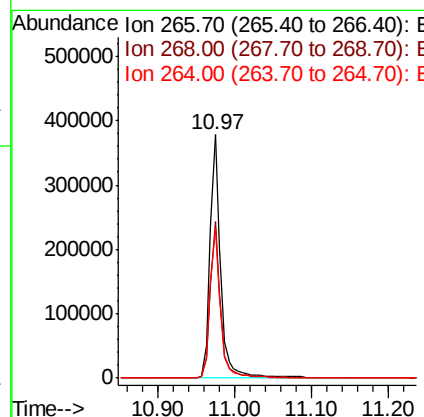
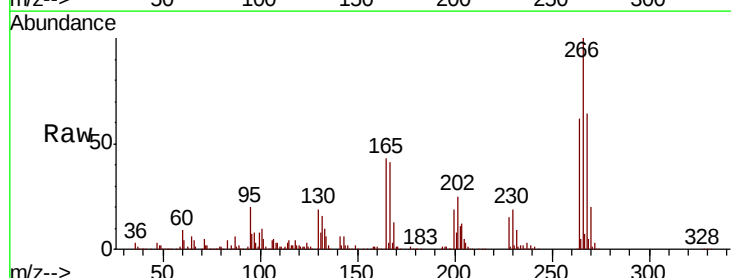
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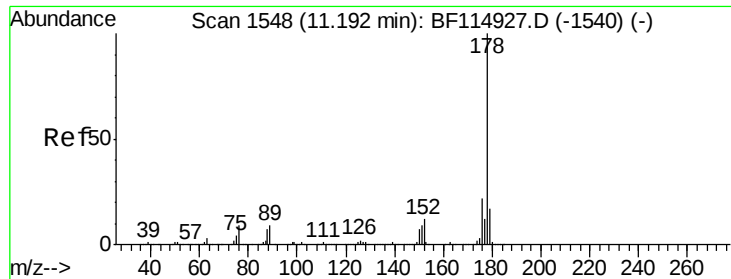
mohammad
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#70
Pentachlorophenol
Concen: 44.942 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	367330		
268	64.4	50.8	76.2	
264	61.9	50.4	75.6	





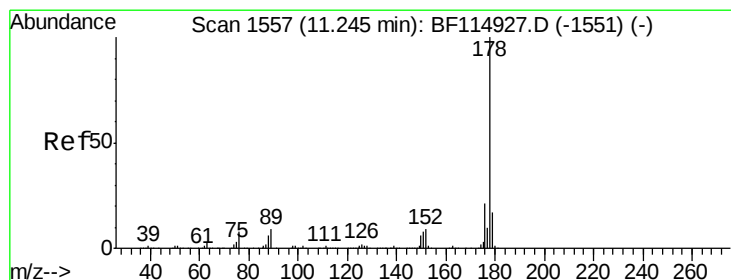
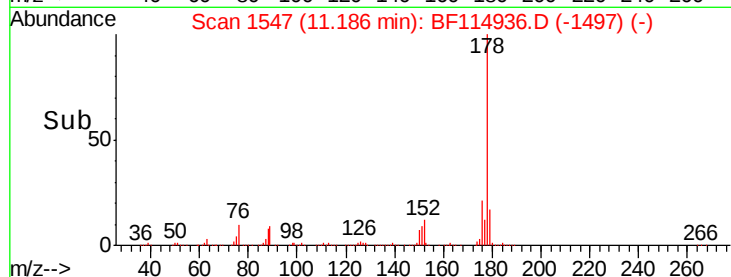
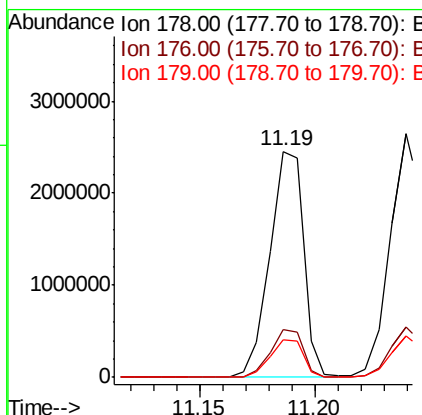
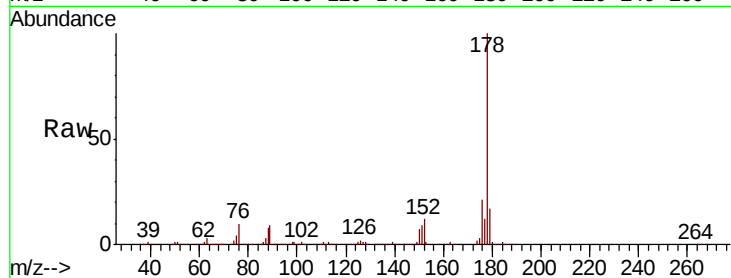
#71
Phenanthrene
Concen: 42.317 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2501789
Ion Ratio Lower Upper
178 100
176 21.1 17.4 26.2
179 16.8 13.6 20.4

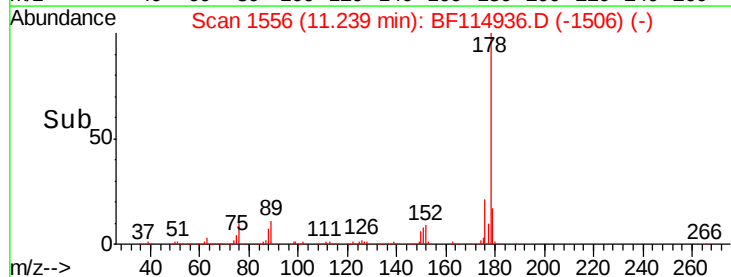
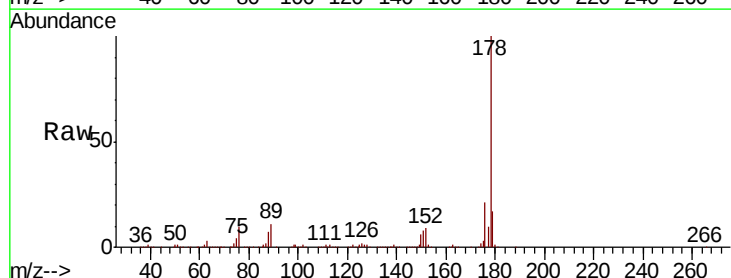
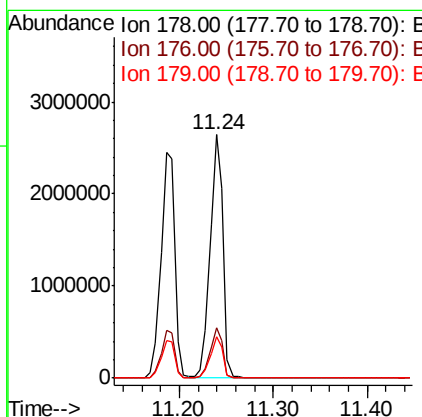
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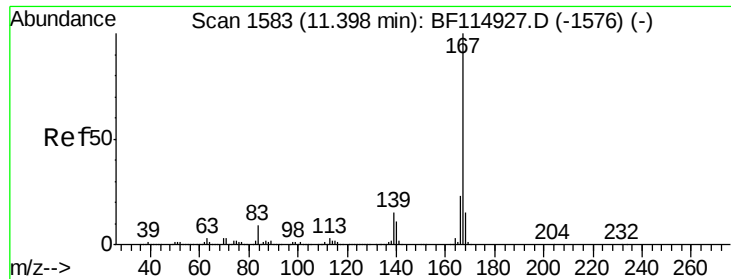
mohammad
6/12/2019 9:03:25 AM



#72
Anthracene
Concen: 42.756 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:178 Resp: 2565666
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 17.2 13.4 20.2





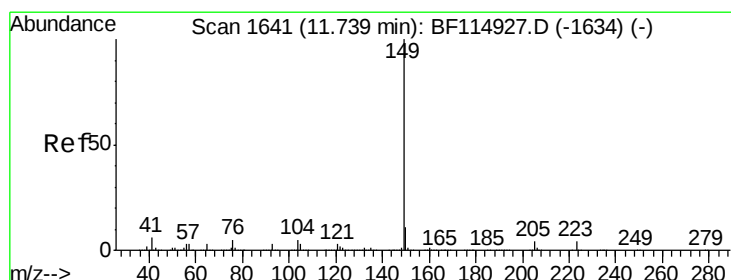
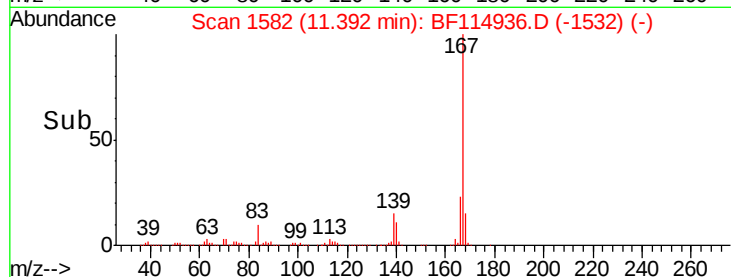
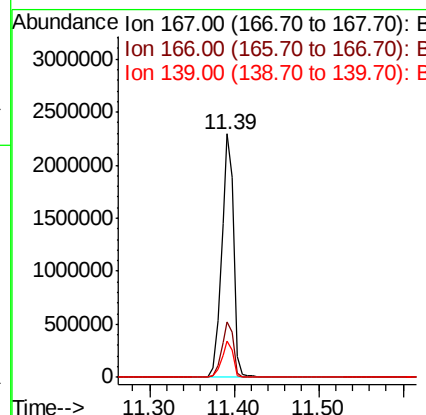
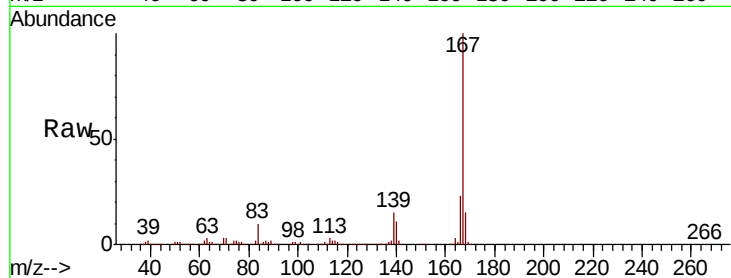
#73
 Carbazole
 Concen: 42.598 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 2327221
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.8 28.2
 139 15.1 11.6 17.4

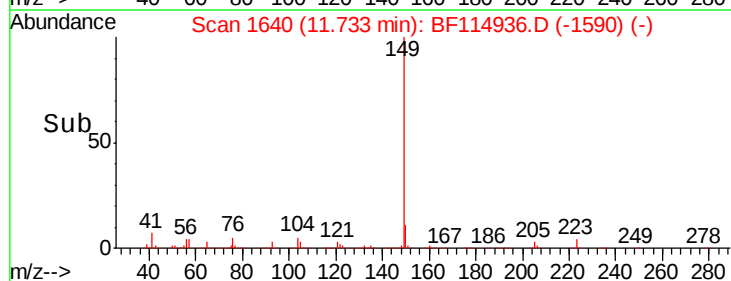
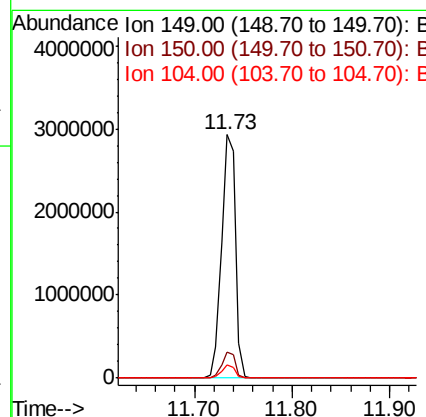
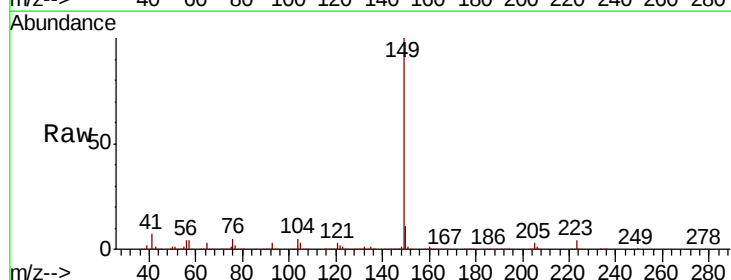
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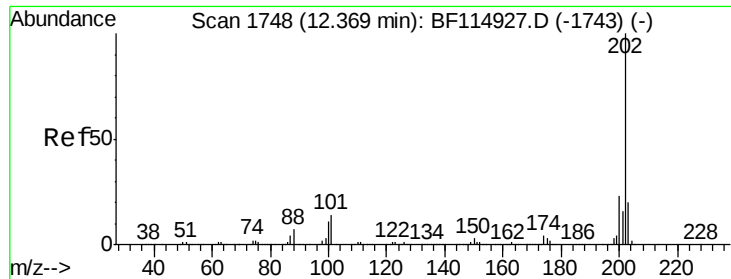
mohammad
 6/12/2019 9:03:25 AM



#74
 Di-n-butylphthalate
 Concen: 42.711 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion:149 Resp: 2883811
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.5 12.7
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 42.067 ng

RT: 12.37 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

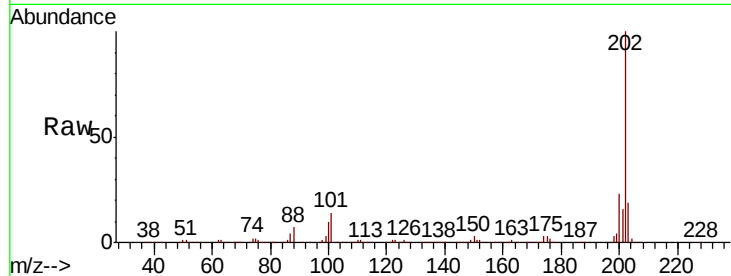
ClientSampleId :

SSTDCCC040

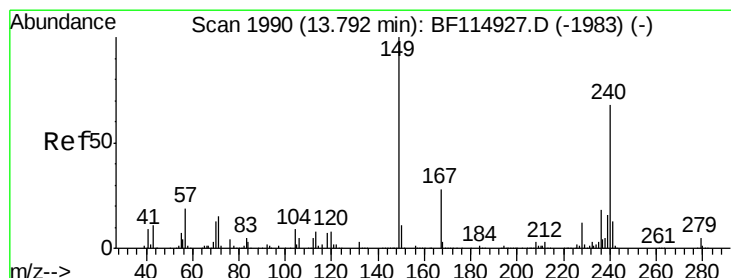
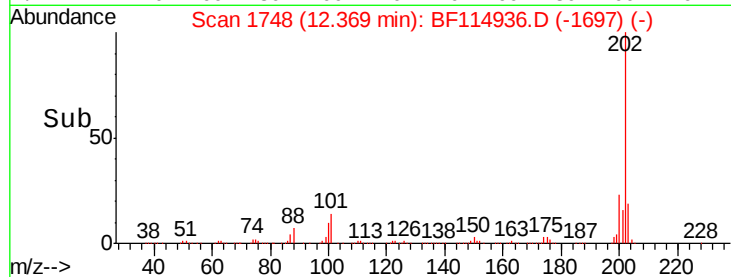
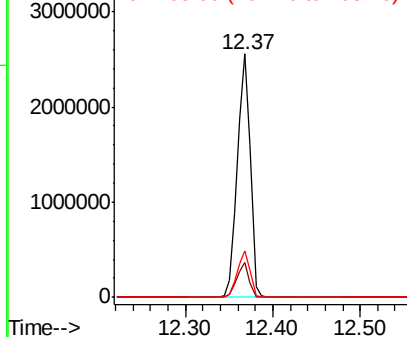
Tgt Ion:	202	Resp:	2572393
Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.3
203	19.2	0.0	39.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

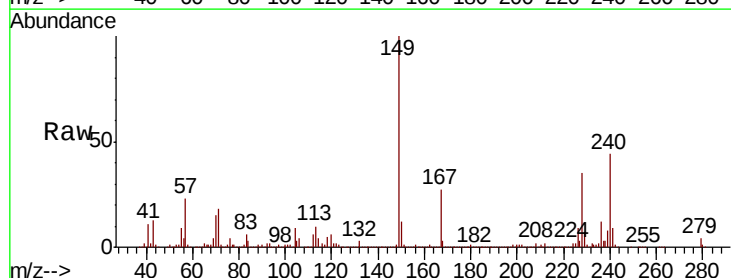
RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

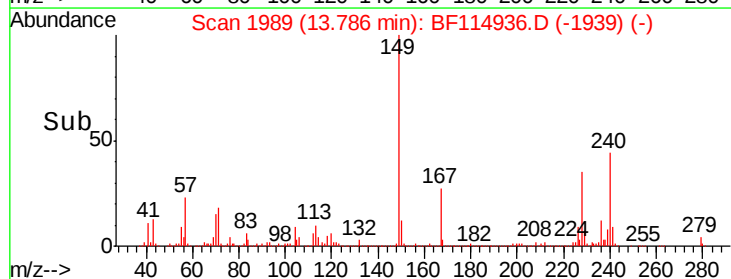
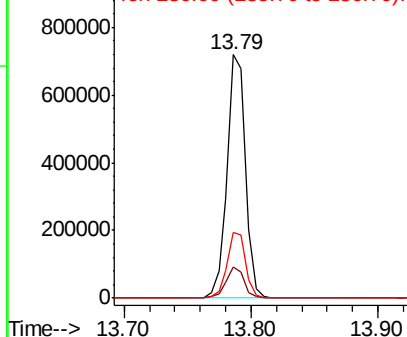
Lab File: BF114936.D

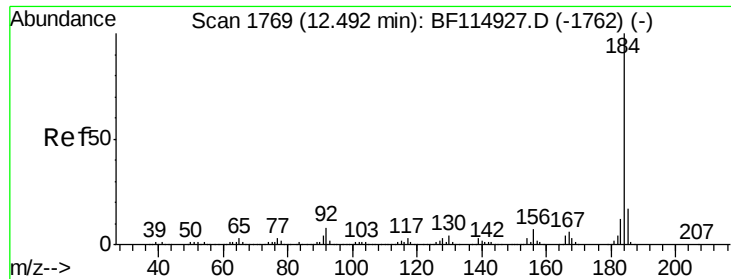
Acq: 11 Jun 2019 10:15

Tgt Ion:	240	Resp:	717060
Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.2	13.8
236	26.7	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.159 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 1260214

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.0

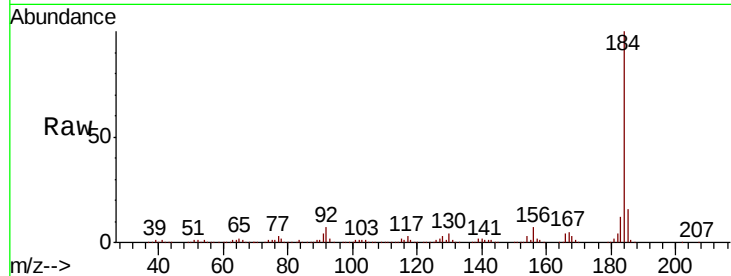
183 11.8 9.8 14.6

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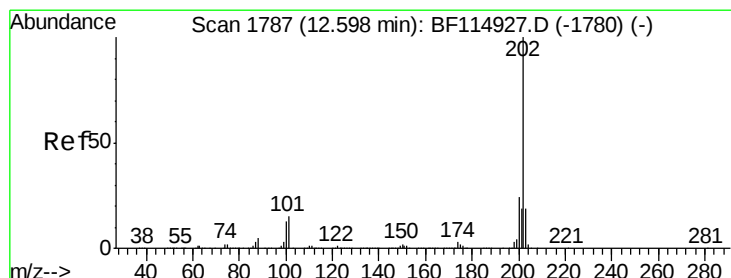
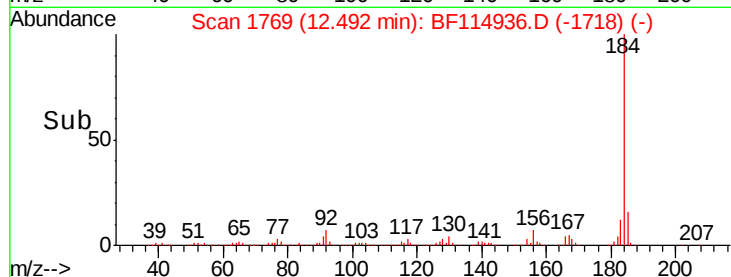
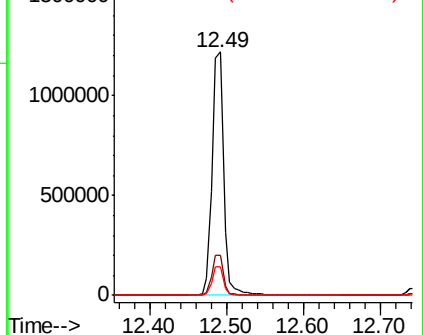
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.782 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

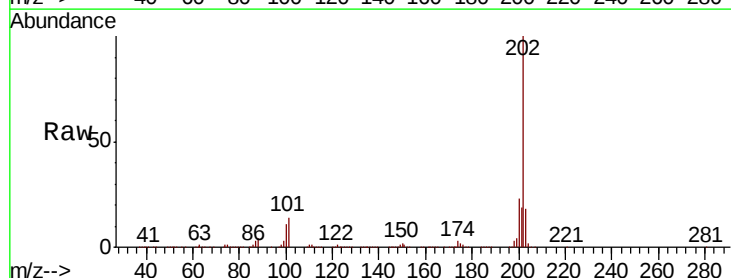
Tgt Ion:202 Resp: 2609260

Ion Ratio Lower Upper

202 100

200 23.2 18.9 28.3

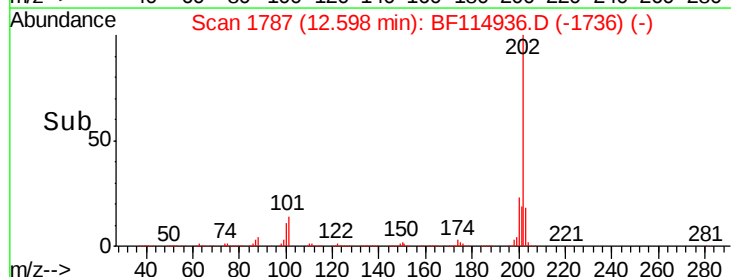
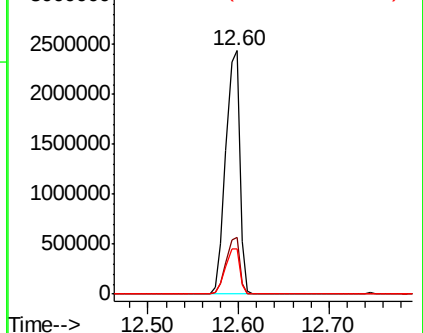
203 18.5 15.2 22.8

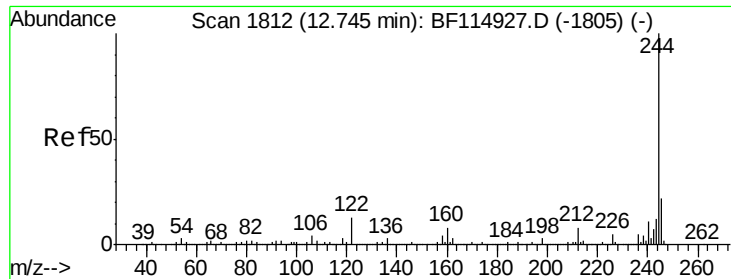


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.889 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

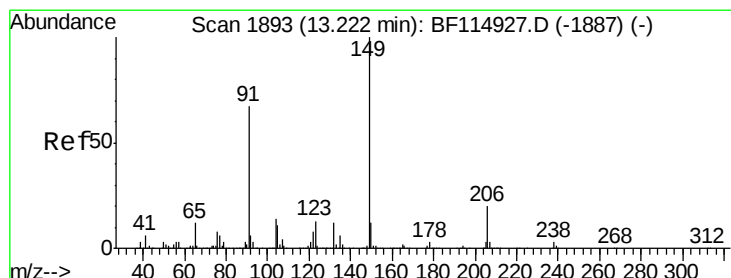
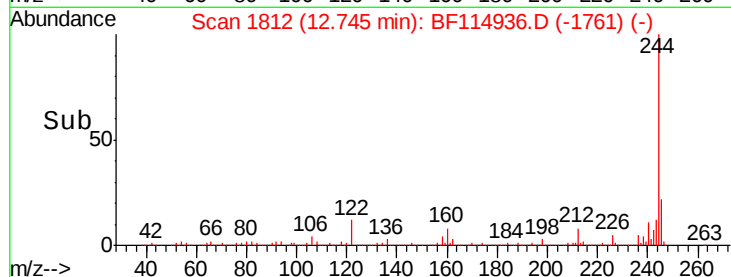
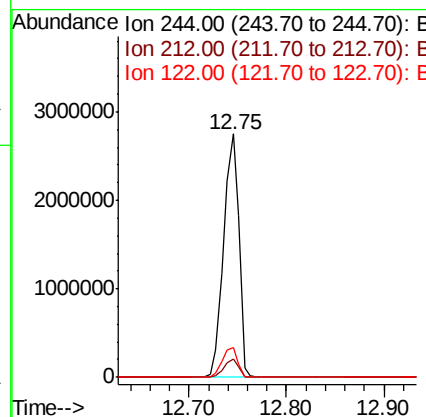
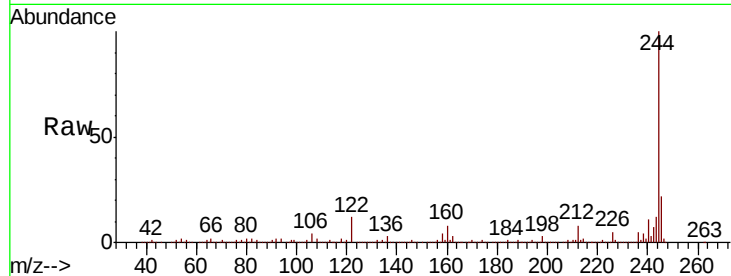
SSTDCCC040

Tgt Ion:244 Resp: 2988687

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.4	10.2	15.4

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#80

Butylbenzylphthalate

Concen: 42.086 ng

RT: 13.22 min Scan# 1893

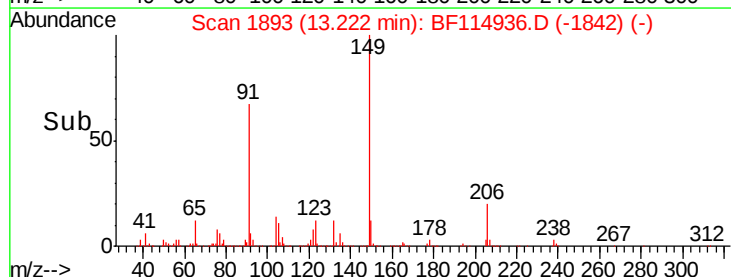
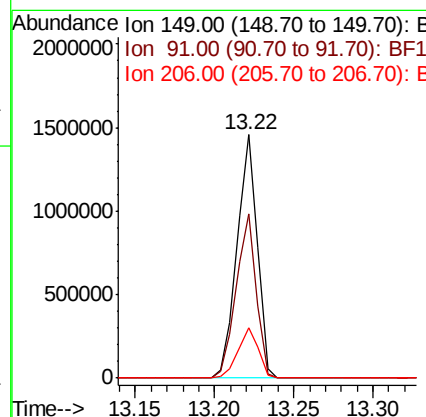
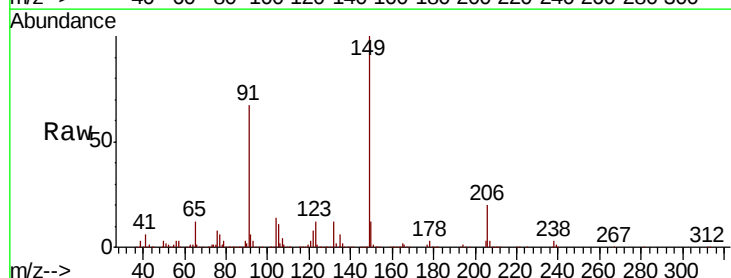
Delta R.T. 0.00 min

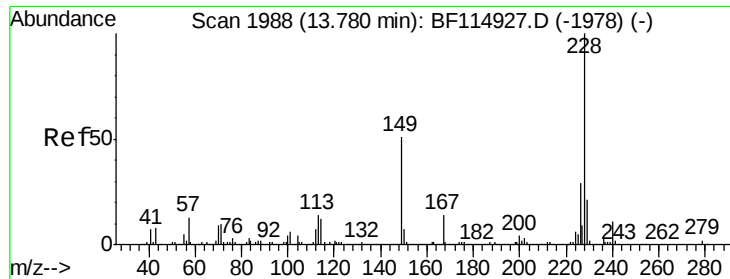
Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:149 Resp: 1294818

Ion	Ratio	Lower	Upper
149	100		
91	67.4	53.8	80.8
206	20.5	16.3	24.5





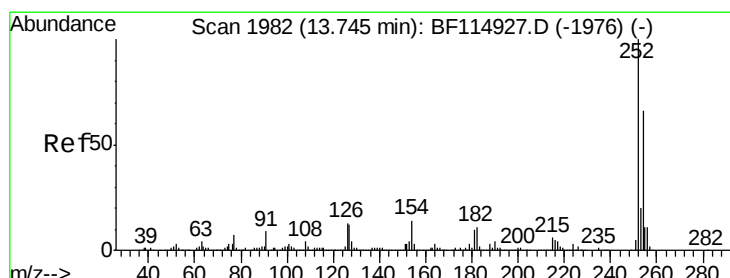
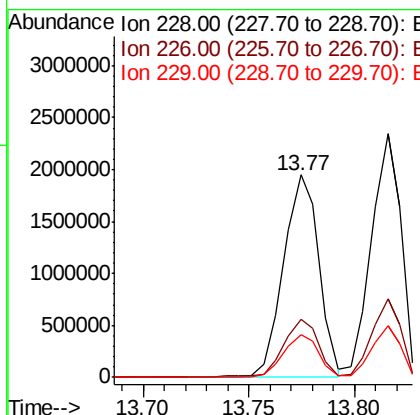
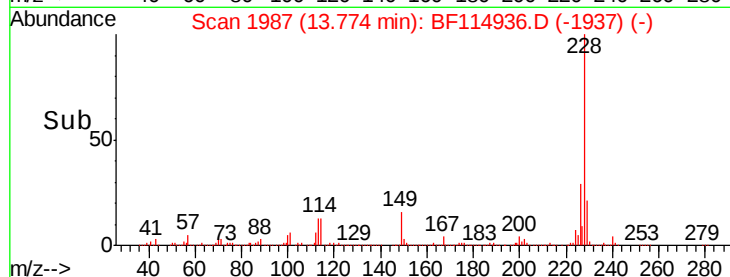
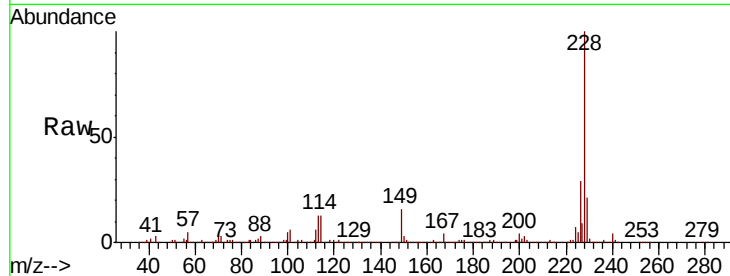
#81
Benzo(a)anthracene
Concen: 42.858 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 228 Resp: 2272318
Ion Ratio Lower Upper
228 100
226 28.7 22.8 34.2
229 21.2 16.6 25.0

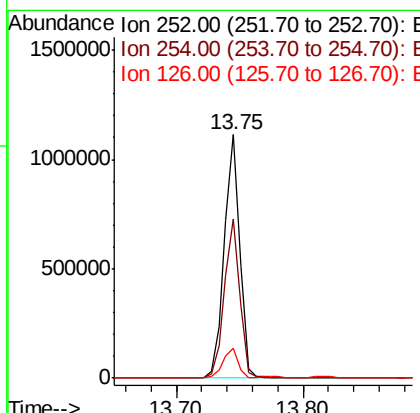
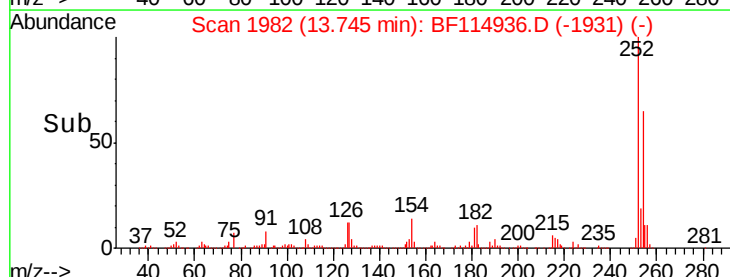
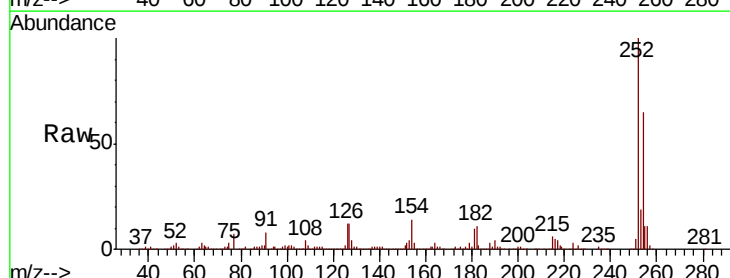
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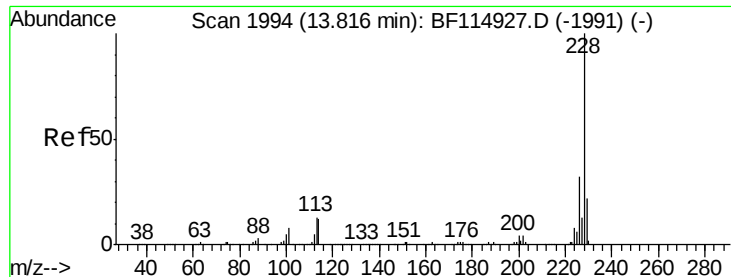
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#82
3,3'-Dichlorobenzidine
Concen: 43.802 ng
RT: 13.75 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion: 252 Resp: 947985
Ion Ratio Lower Upper
252 100
254 65.4 52.6 78.8
126 12.4 10.4 15.6





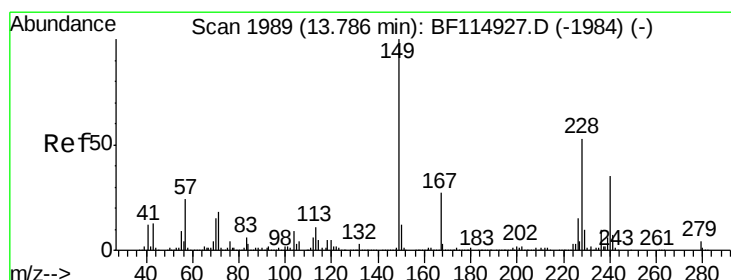
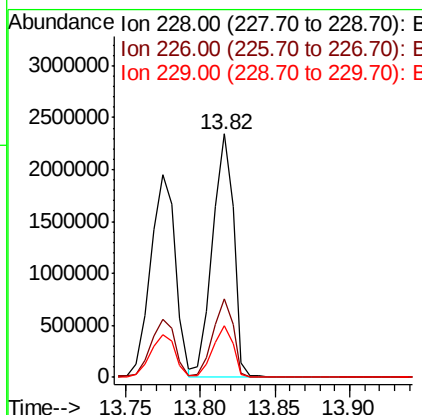
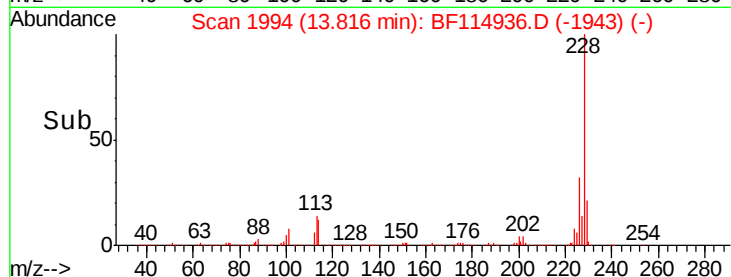
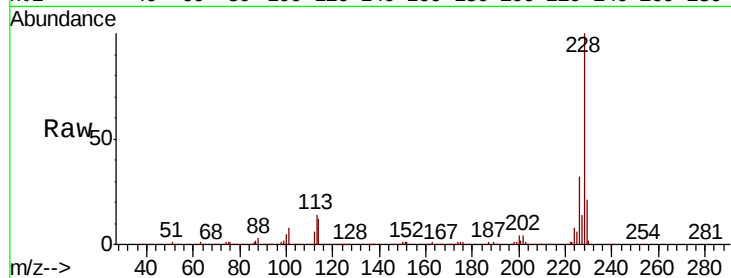
#83
Chrysene
Concen: 43.427 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2312173
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 21.1 17.2 25.8

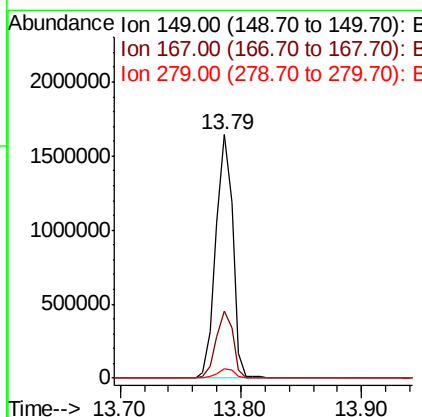
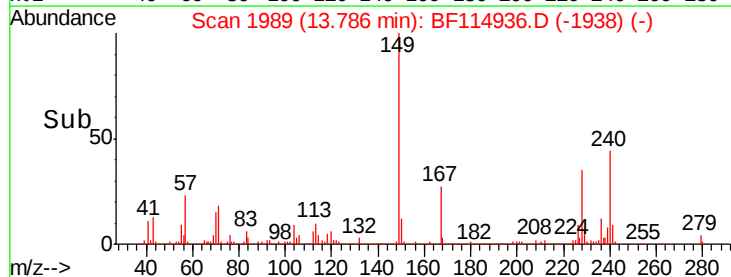
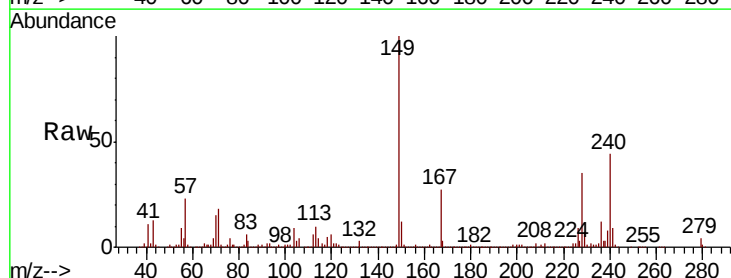
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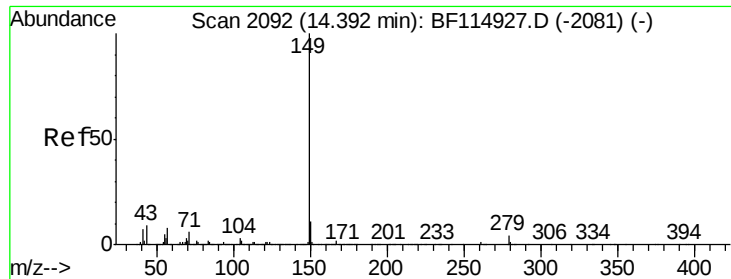
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.540 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:149 Resp: 1568829
Ion Ratio Lower Upper
149 100
167 27.2 21.9 32.9
279 4.0 3.2 4.8





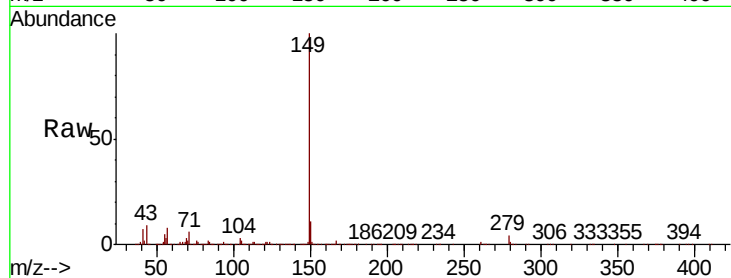
#85
Di-n-octyl phthalate
Concen: 43.767 ng
RT: 14.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.5	6.8	10.2

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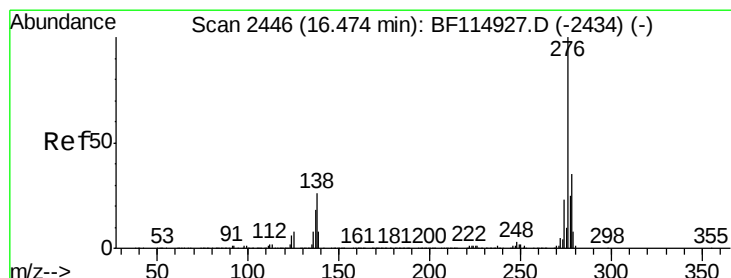
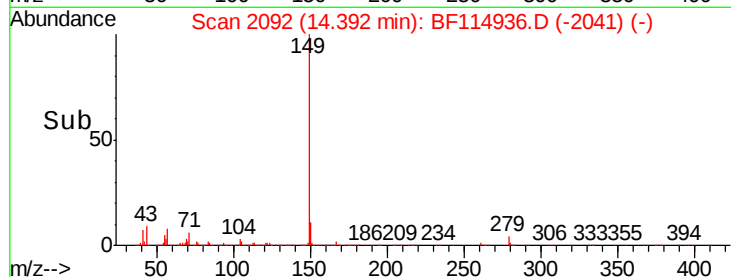
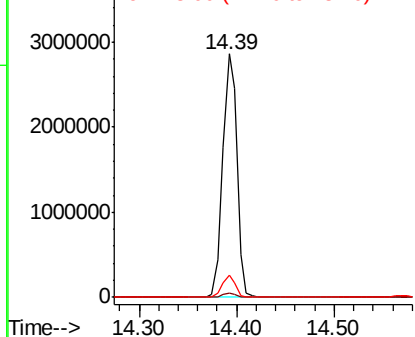


Abundance

Ion 149.00 (148.70 to 149.70): E

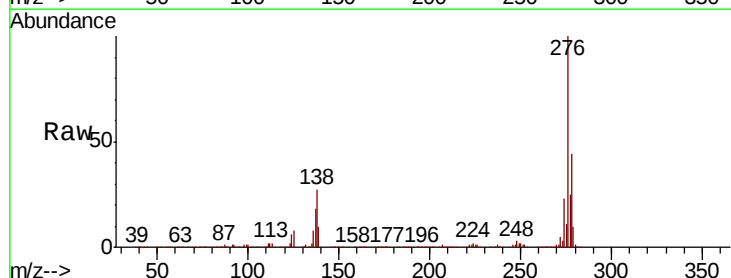
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.410 ng
RT: 16.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.3	34.9
277	25.3	20.5	30.7

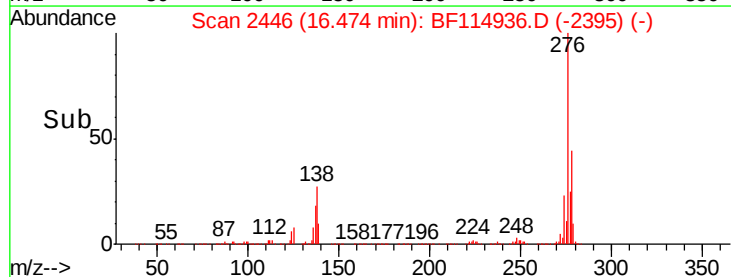
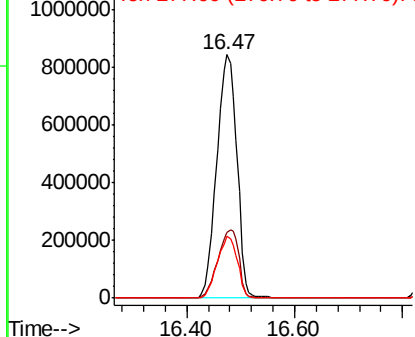


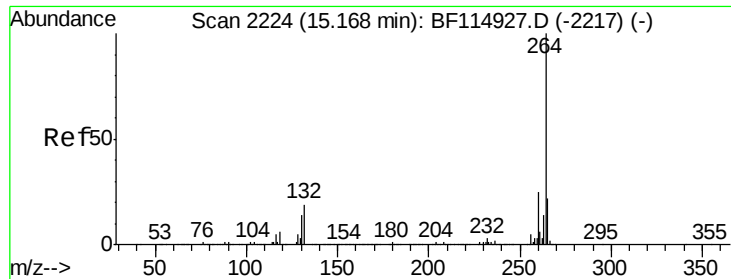
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





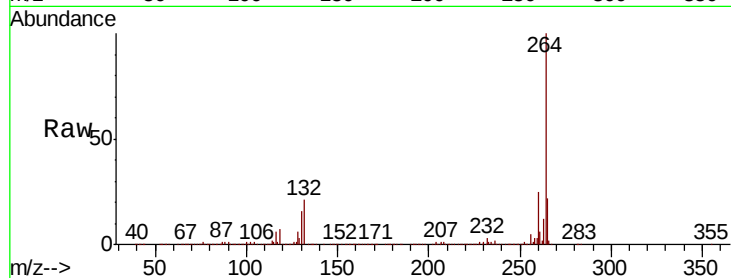
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.7	17.5	26.3

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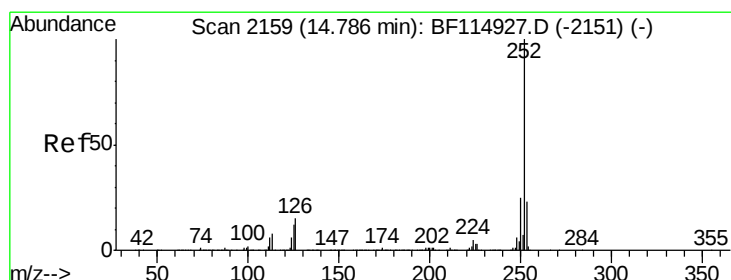
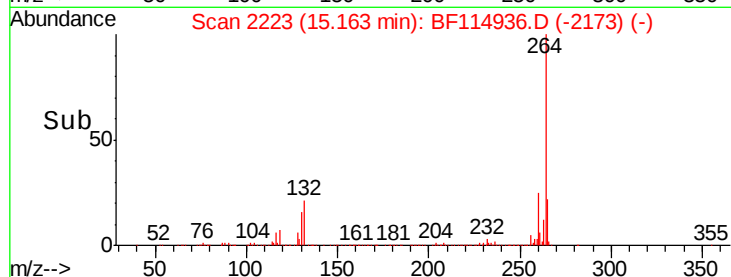
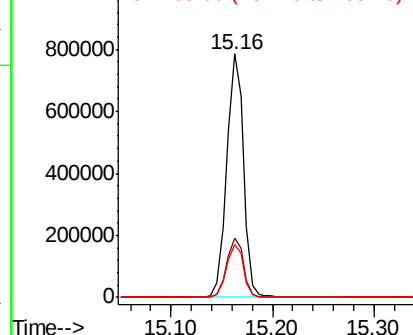


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.857 ng
RT: 14.79 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

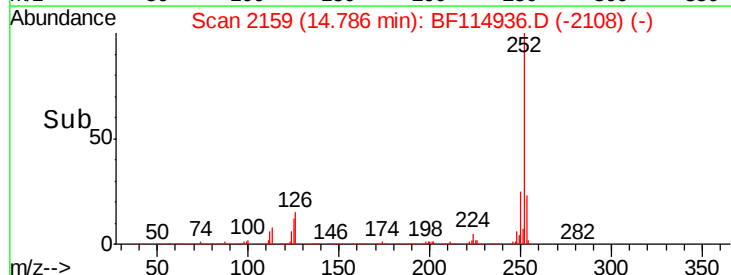
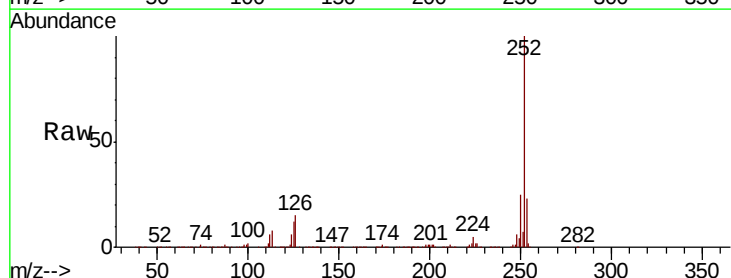
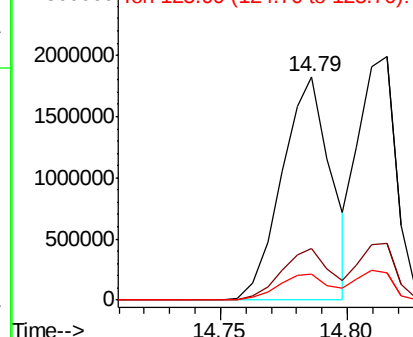
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	11.6	9.5	14.3

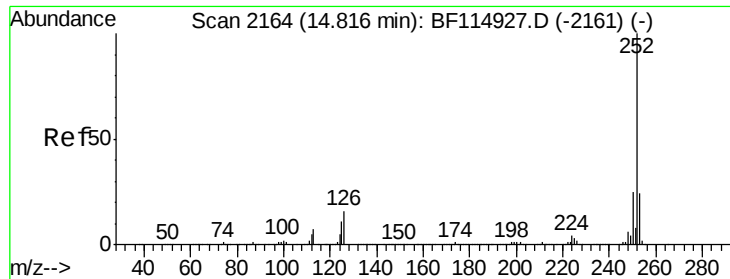
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.837 ng

RT: 14.82 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 2075996

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

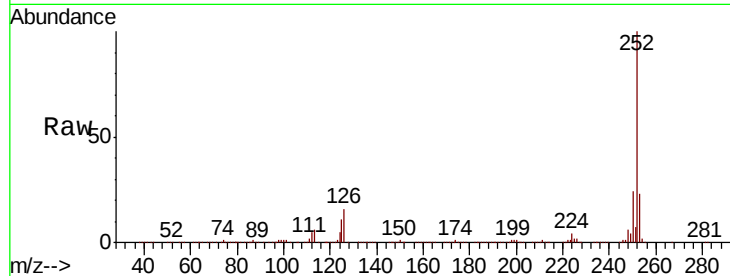
125 11.3 9.2 13.8

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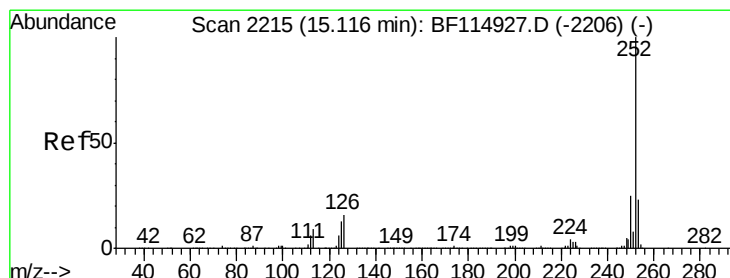
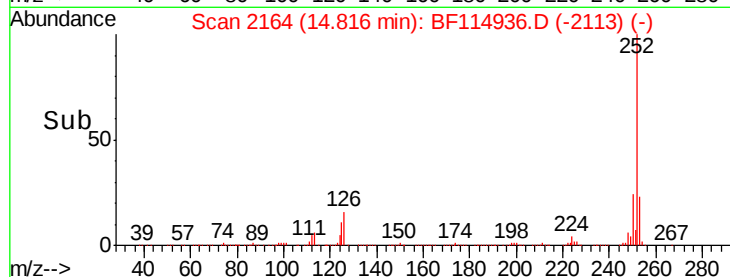
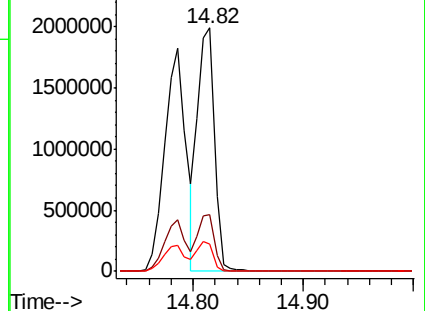
6/12/2019 9:03:25 AM



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: 41.904 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:252 Resp: 2132017

Ion Ratio Lower Upper

252 100

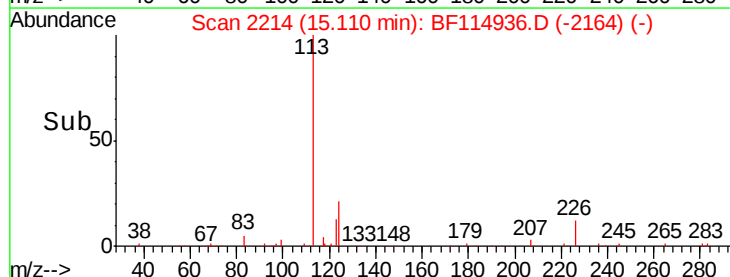
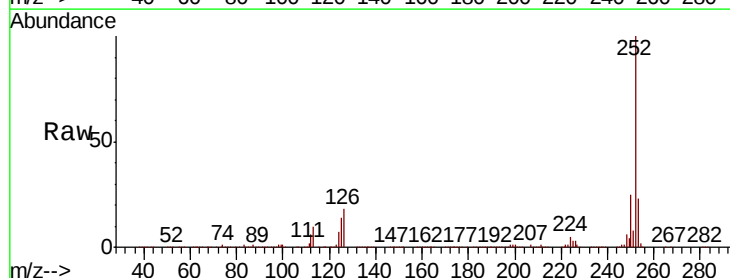
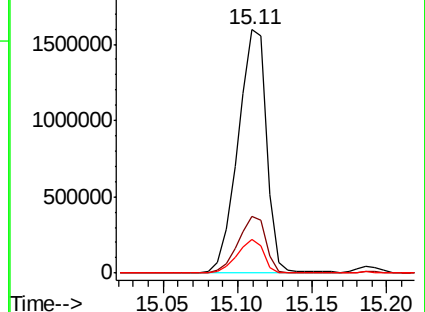
253 23.2 18.2 27.2

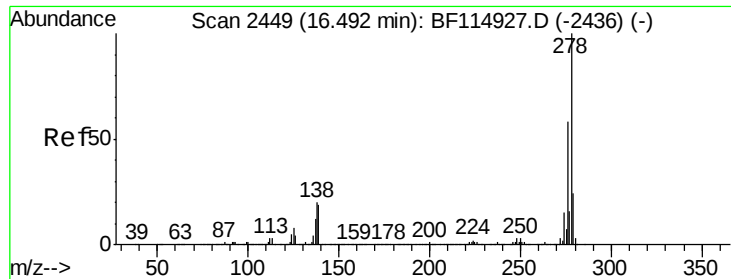
125 13.9 10.1 15.1

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





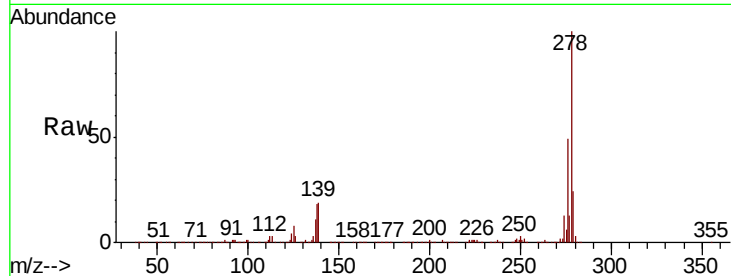
#91
Dibenzo(a,h)anthracene
Concen: 41.973 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

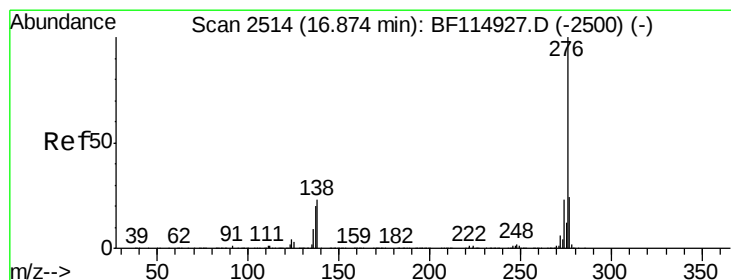
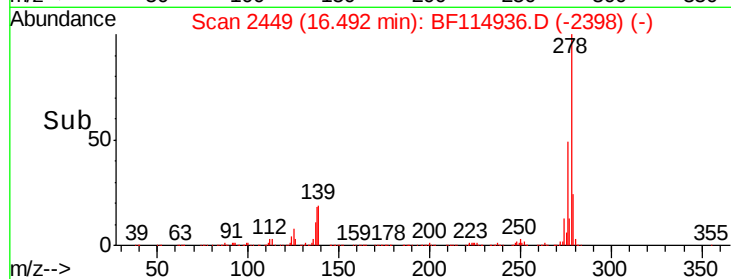
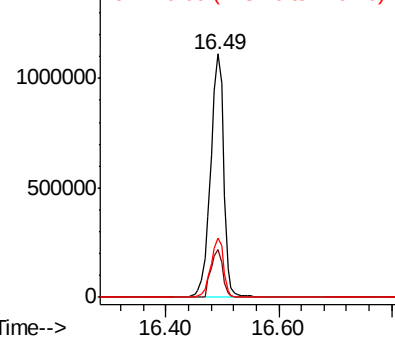
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.1	22.7
279	24.2	19.6	29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:03:25 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: 41.138 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	26.1	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

