

Data File : BF115248.D
Acq On : 27 Jun 2019 21:48
Operator : HP/JU
Sample : K3529-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Quant Time: Jun 28 04:59:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	237987	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	911871	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	444160	20.00	ng	-0.02
64) Phenanthrene-d10	11.09	188	880008	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	698943	20.00	ng	-0.03
87) Perylene-d12	15.07	264	817044	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1494430	96.90	ng	0.00
7) Phenol-d6	6.24	99	1797618	96.03	ng	-0.01
23) Nitrobenzene-d5	7.16	82	1322407	89.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	557662	119.06	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2396562	91.65	ng	-0.02
79) Terphenyl-d14	12.68	244	2620910	79.73	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.21	88	225289	30.953	ng	100
3) Pyridine	2.88	79	621672	30.305	ng	99
4) n-Nitrosodimethylamine	2.79	42	271169	33.719	ng	98
6) Aniline	6.26	93	518537	20.156	ng	# 1
8) 2-Chlorophenol	6.38	128	603995	34.830	ng	99
9) Benzaldehyde	6.14	77	407595	33.376	ng	99
10) Phenol	6.25	94	1011422	46.128	ng	97
11) bis(2-Chloroethyl)ether	6.34	93	616301	38.131	ng	98
12) 1,3-Dichlorobenzene	6.54	146	725149	37.679	ng	98
13) 1,4-Dichlorobenzene	6.61	146	729777	37.814	ng	98
14) 1,2-Dichlorobenzene	6.77	146	675498	37.796	ng	98
15) Benzyl Alcohol	6.75	79	520627	38.196	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	848620	36.201	ng	98
17) 2-Methylphenol	6.87	107	488308	34.115	ng	100
18) Hexachloroethane	7.11	117	257505	37.011	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	429208	35.816	ng	99
20) 3+4-Methylphenols	7.02	107	864426	52.301	ng	# 70
22) Acetophenone	7.01	105	888093	42.542	ng	94
24) Nitrobenzene	7.18	77	674550	41.306	ng	97
25) Isophorone	7.42	82	1195259	39.361	ng	100
26) 2-Nitrophenol	7.50	139	340243	42.189	ng	97
27) 2,4-Dimethylphenol	7.55	122	543902	41.191	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	769085	40.071	ng	99
29) 2,4-Dichlorophenol	7.74	162	526715	38.653	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	622476	41.355	ng	99
31) Naphthalene	7.90	128	1886842	42.153	ng	100
32) Benzoic acid	7.64	122	16586	1.760	ng	96
33) 4-Chloroaniline	7.95	127	243367	11.897	ng	100
34) Hexachlorobutadiene	8.03	225	333054	40.377	ng	99
35) Caprolactam	8.32	113	163233	35.629	ng	99
36) 4-Chloro-3-methylphenol	8.44	107	537773	38.968	ng	97
37) 2-Methylnaphthalene	8.59	142	1294529	42.893	ng	99
38) 1-Methylnaphthalene	8.69	142	1220295	42.335	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	562478	44.815	ng	99

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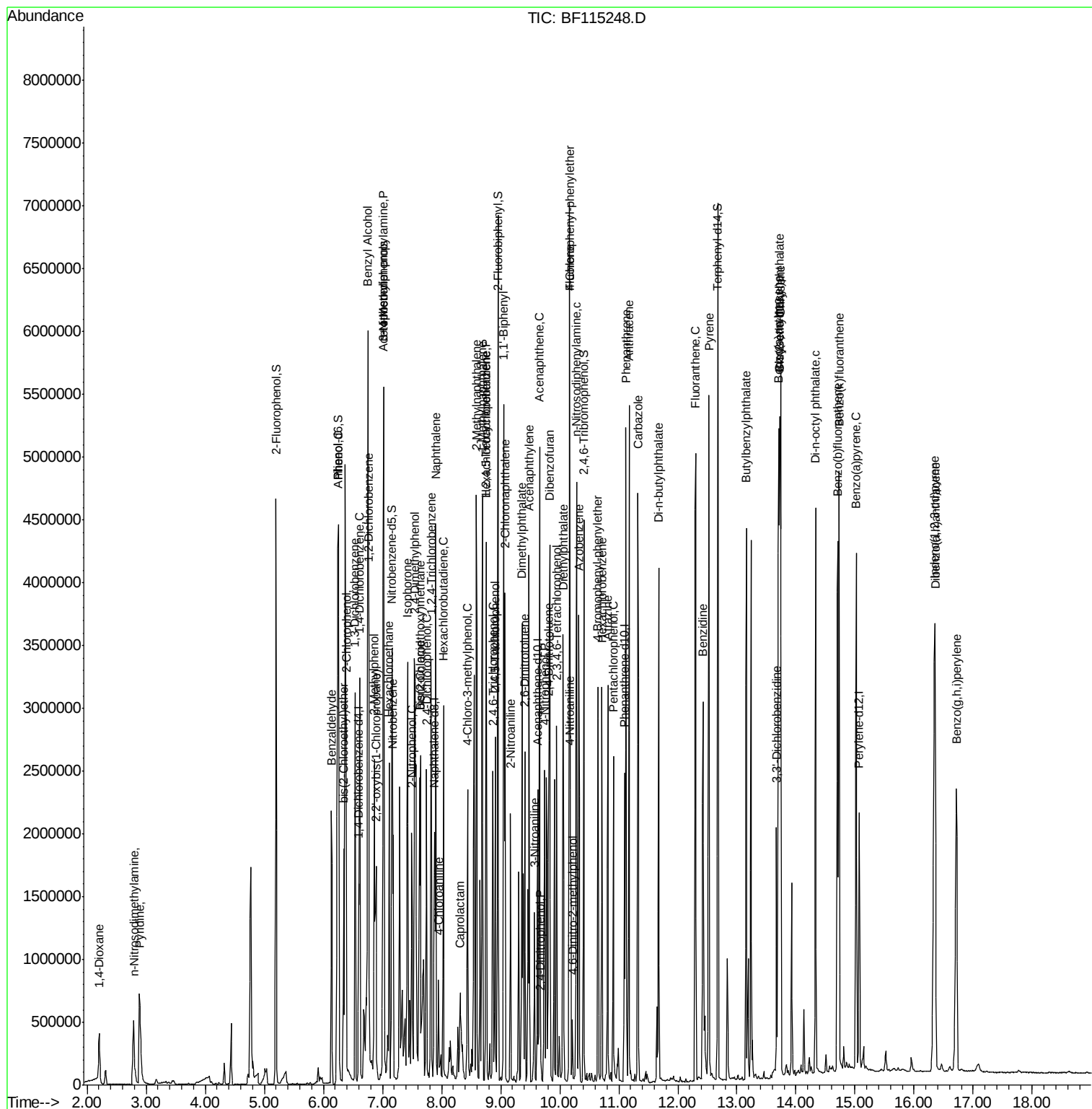
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	335101	45.026	ng	98
43) 2,4,6-Trichlorophenol	8.87	196	376664	38.872	ng	98
44) 2,4,5-Trichlorophenol	8.91	196	405597	40.646	ng	98
46) 1,1'-Biphenyl	9.05	154	1498961	42.178	ng	99
47) 2-Chloronaphthalene	9.08	162	1216295	42.192	ng	99
48) 2-Nitroaniline	9.17	65	365987	43.547	ng	98
49) Acenaphthylene	9.49	152	1907845	42.477	ng	99
50) Dimethylphthalate	9.36	163	1451890	44.430	ng	100
51) 2,6-Dinitrotoluene	9.41	165	334020	44.275	ng	99
52) Acenaphthene	9.66	154	1141682	40.622	ng	100
53) 3-Nitroaniline	9.57	138	210593	22.874	ng	97
54) 2,4-Dinitrophenol	9.68	184	42530	17.294	ng	91
55) Dibenzofuran	9.83	168	1702544	42.206	ng	99
56) 4-Nitrophenol	9.74	139	526319	71.309	ng	96
57) 2,4-Dinitrotoluene	9.81	165	440594	45.230	ng	96
58) Fluorene	10.17	166	1184394	43.945	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	327035	39.084	ng	99
60) Diethylphthalate	10.06	149	1372308	41.778	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	576282	45.180	ng	98
62) 4-Nitroaniline	10.18	138	389652	42.189	ng	96
63) Azobenzene	10.32	77	1280338	41.731	ng	98
65) 4,6-Dinitro-2-methylphenol	10.21	198	62961	17.017	ng	76
66) n-Nitrosodiphenylamine	10.28	169	1169317	42.650	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	407357	42.695	ng	92
68) Hexachlorobenzene	10.72	284	448526	43.310	ng	97
69) Atrazine	10.81	200	382516	43.372	ng	98
70) Pentachlorophenol	10.91	266	311666	47.239	ng	98
71) Phenanthrene	11.12	178	1949542	41.146	ng	100
72) Anthracene	11.17	178	2016395	42.160	ng	99
73) Carbazole	11.32	167	1855116	43.437	ng	99
74) Di-n-butylphthalate	11.68	149	2096944	42.490	ng	99
75) Fluoranthene	12.30	202	2071389	43.817	ng	98
77) Benzidine	12.42	184	856727	27.604	ng	98
78) Pyrene	12.52	202	2109208	39.267	ng	98
80) Butylbenzylphthalate	13.16	149	1009935	42.605	ng	94
81) Benzo(a)anthracene	13.71	228	2045703	40.790	ng	99
82) 3,3'-Dichlorobenzidine	13.67	252	396220	21.878	ng	98
83) Chrysene	13.74	228	1905528	41.479	ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1317144	42.406	ng	99
85) Di-n-octyl phthalate	14.33	149	2301256	44.096	ng	100
86) Indeno(1,2,3-cd)pyrene	16.34	276	2157910	39.696	ng	99
88) Benzo(b)fluoranthene	14.71	252	2167378	42.513	ng	99
89) Benzo(k)fluoranthene	14.73	252	1848773	40.438	ng	99
90) Benzo(a)pyrene	15.02	252	1982094	43.136	ng	98
91) Dibenzo(a,h)anthracene	16.36	278	1814649	42.302	ng	97
92) Benzo(g,h,i)perylene	16.72	276	1725111	39.733	ng	99

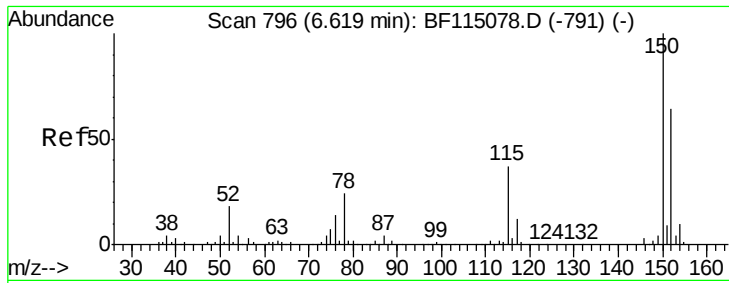
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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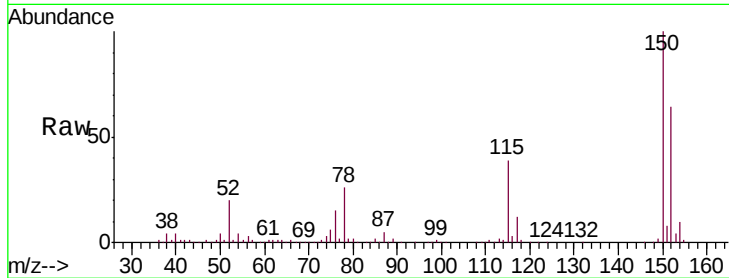


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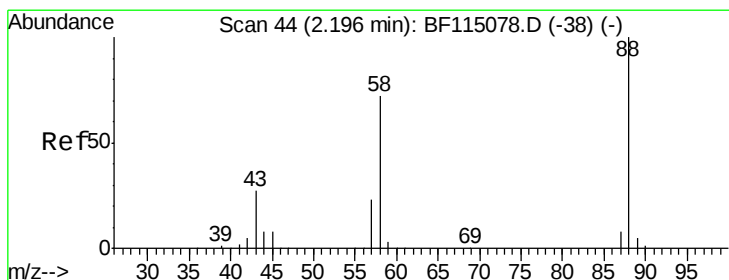
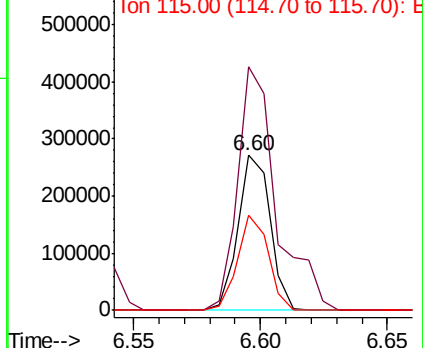
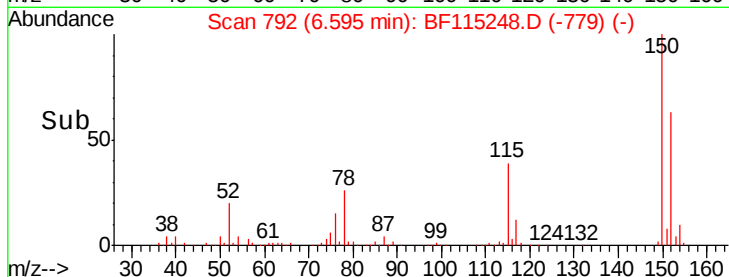
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115248.D
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BNA_F
ClientSampleId :
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Tgt Ion: 152 Resp: 237987
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 61.1 46.1 69.1



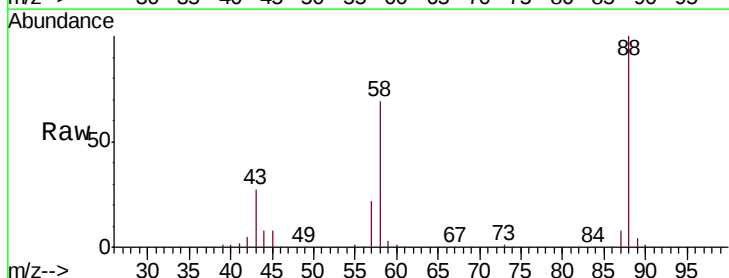
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



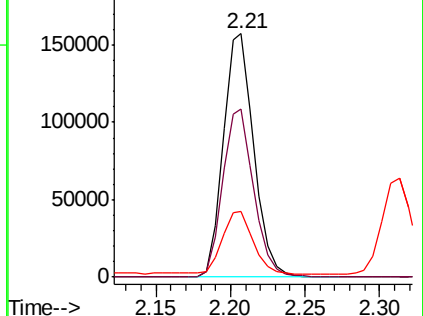
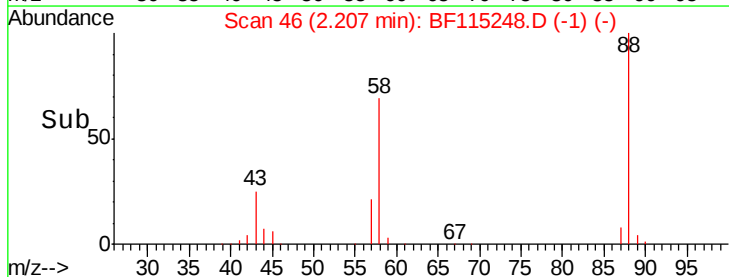
#2

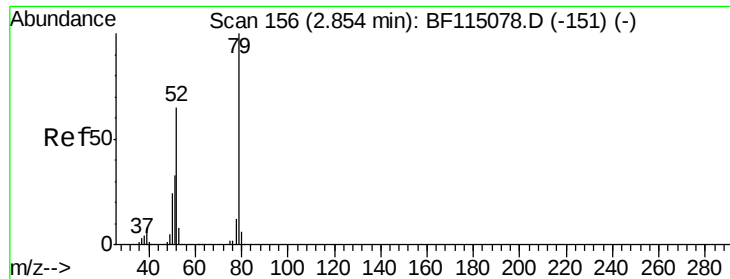
1,4-Dioxane
Concen: 30.953 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion: 88 Resp: 225289
Ion Ratio Lower Upper
88 100
58 70.1 56.1 84.1
43 26.3 21.3 31.9



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: 30.305 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.03 min

Lab File: BF115248.D

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Instrument :

BNA_F

ClientSampleId :

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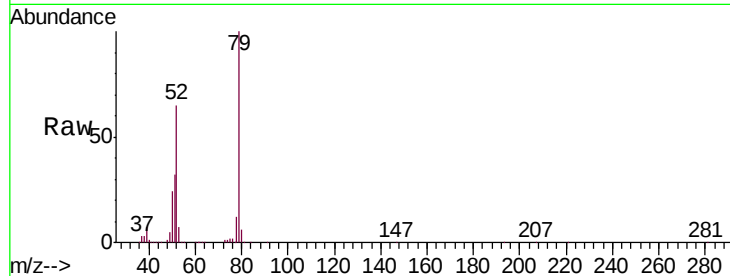
Tgt Ion: 79 Resp: 621672

Ion Ratio Lower Upper

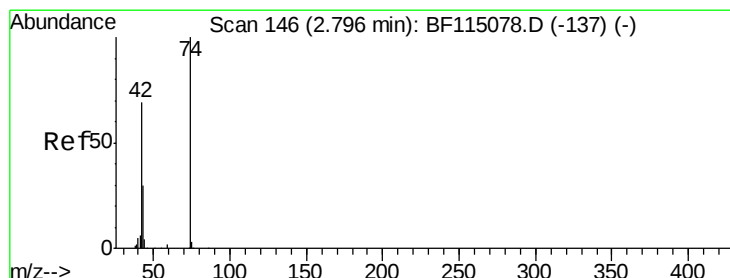
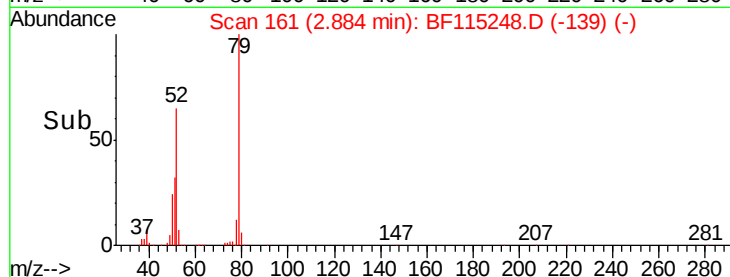
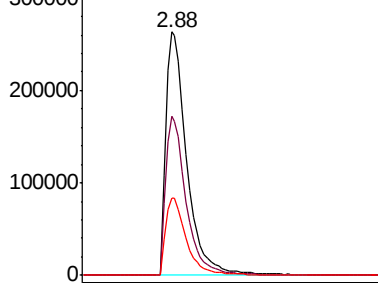
79 100

52 65.2 52.3 78.5

51 31.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.719 ng

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF115248.D

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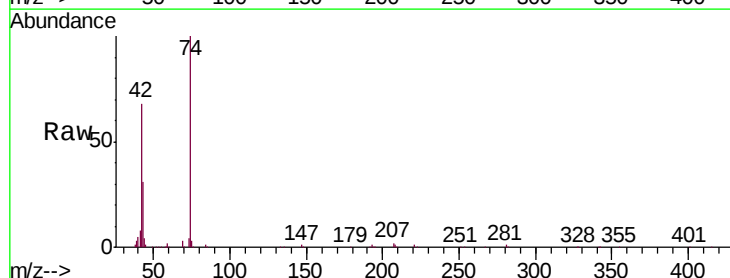
Tgt Ion: 42 Resp: 271169

Ion Ratio Lower Upper

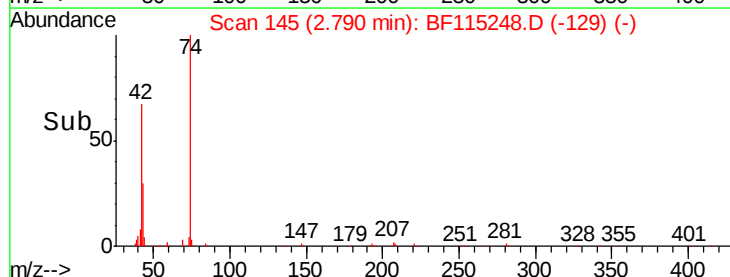
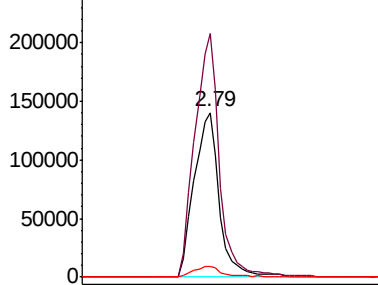
42 100

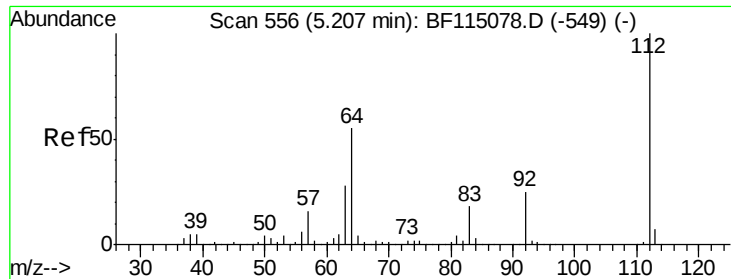
74 147.9 116.6 175.0

44 6.5 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.903 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

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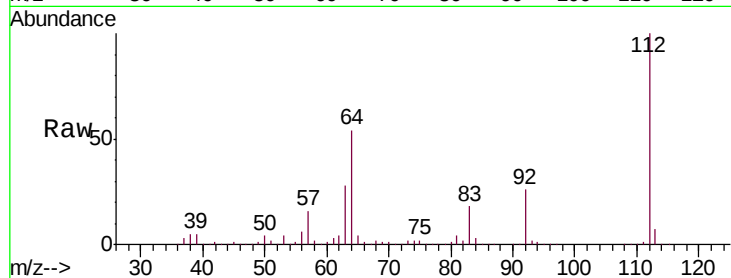
Tgt Ion: 112 Resp: 1494430

Ion Ratio Lower Upper

112 100

64 54.2 43.8 65.6

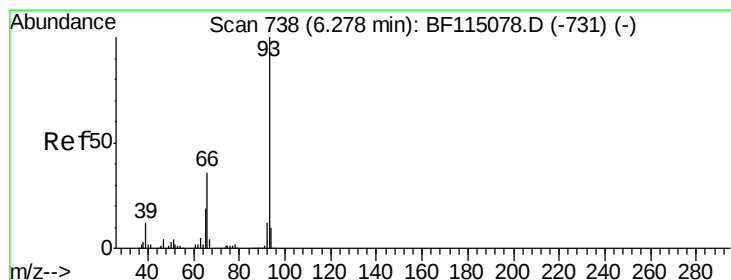
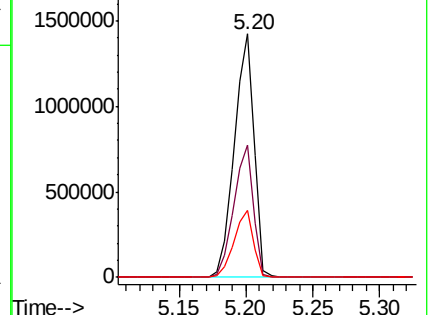
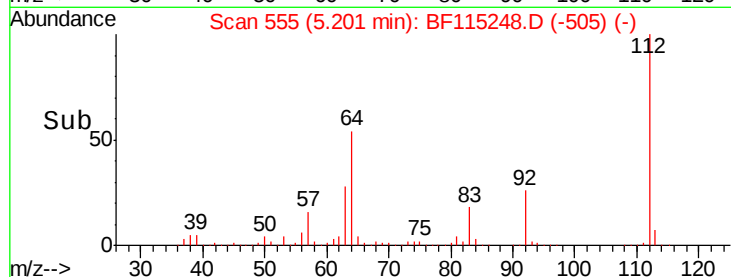
63 27.6 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.156 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.02 min

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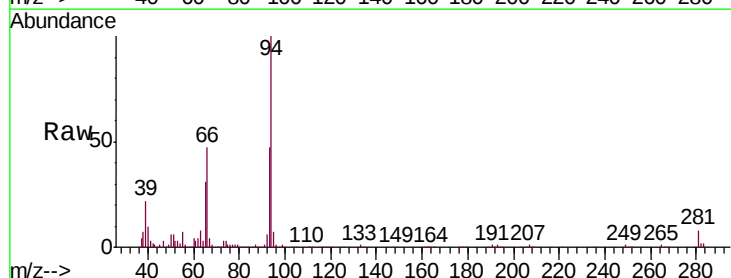
Tgt Ion: 93 Resp: 518537

Ion Ratio Lower Upper

93 100

66 100.0 30.0 45.0#

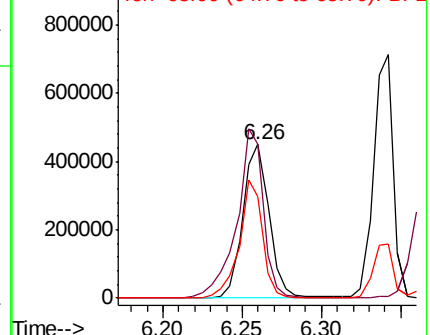
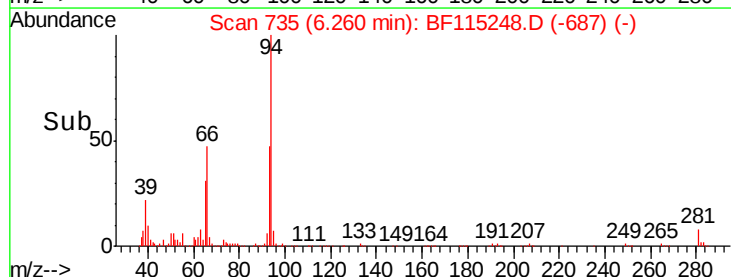
65 66.1 15.6 23.4#

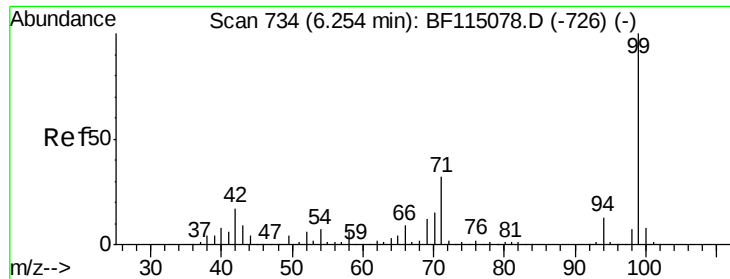


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.034 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

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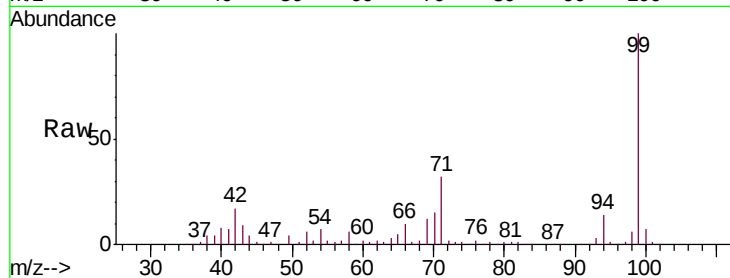
Tgt Ion: 99 Resp: 1797618

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

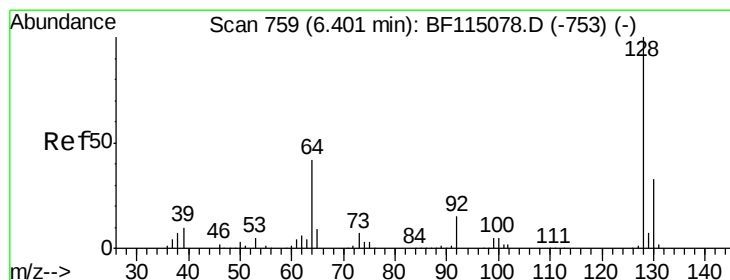
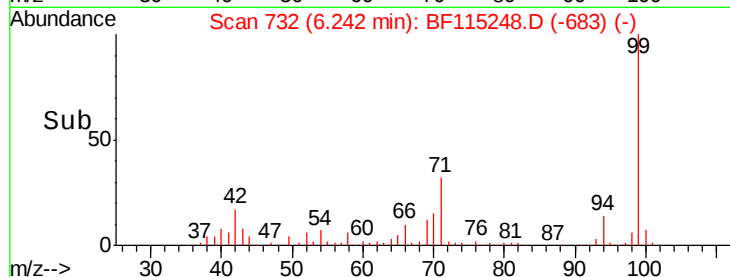
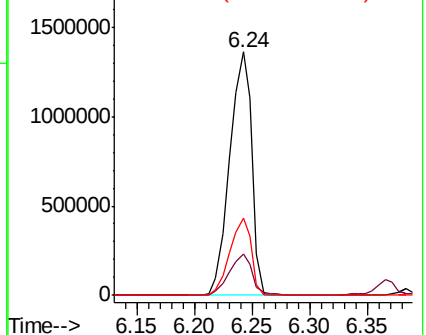
71 31.6 25.5 38.3



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: 34.830 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

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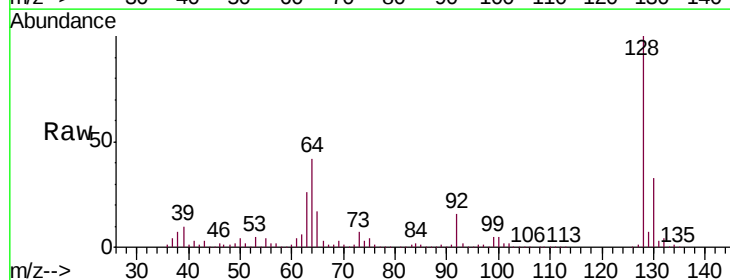
Tgt Ion: 128 Resp: 603995

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

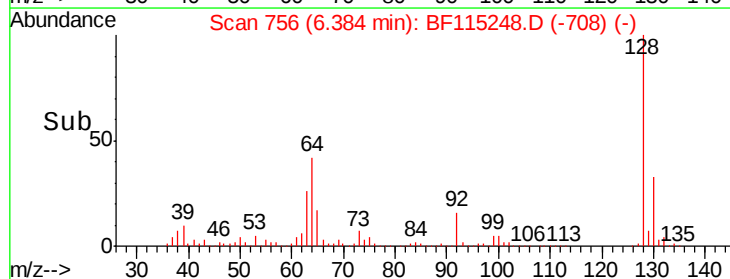
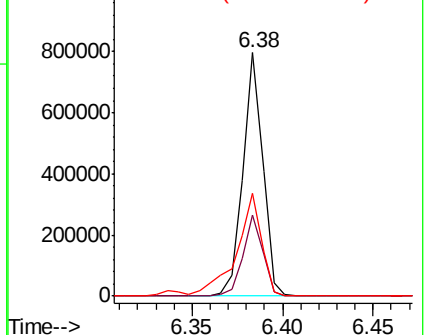
64 42.0 22.9 62.9

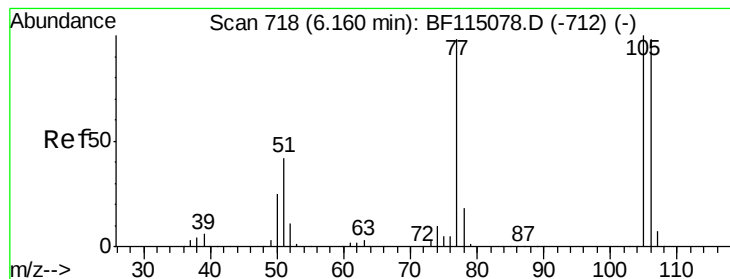


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.376 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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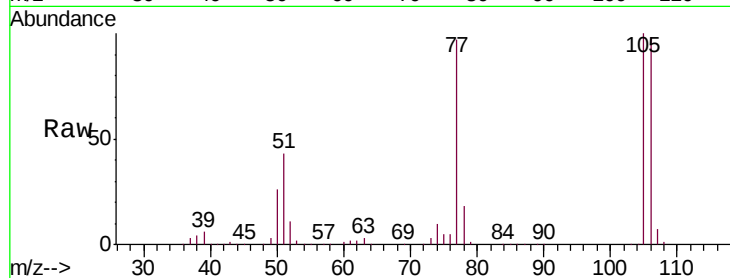
Tgt Ion: 77 Resp: 407595

Ion Ratio Lower Upper

77 100

105 102.7 81.5 121.5

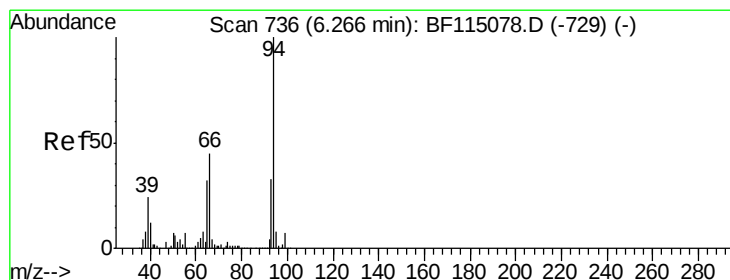
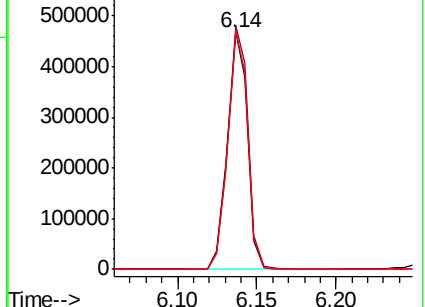
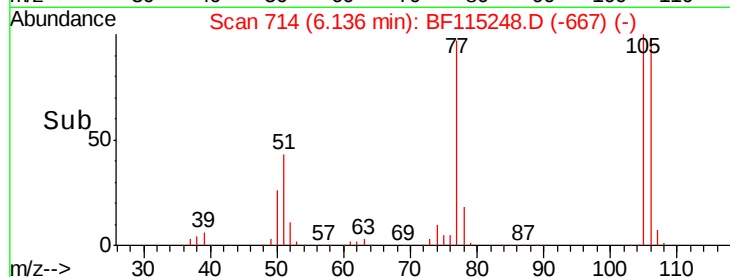
106 100.7 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.128 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

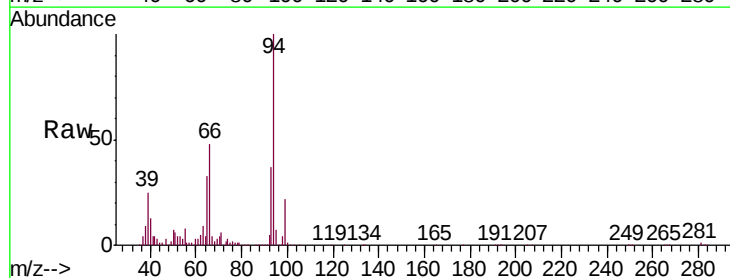
Tgt Ion: 94 Resp: 1011422

Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

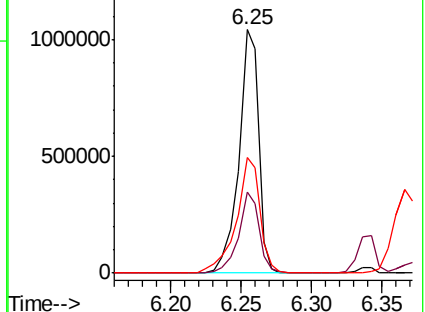
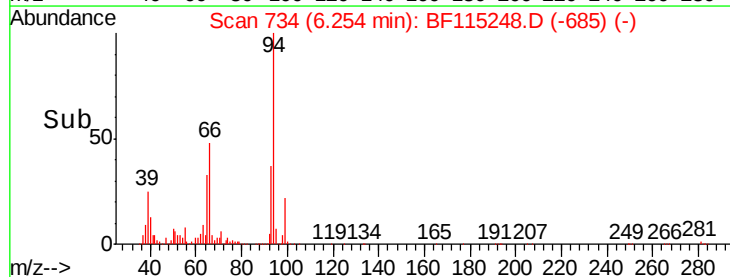
66 47.6 25.2 65.2

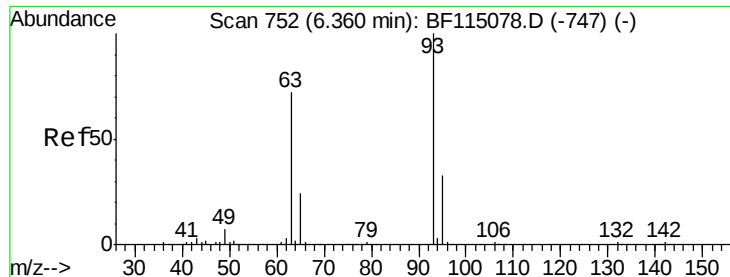


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.131 ng

RT: 6.34 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

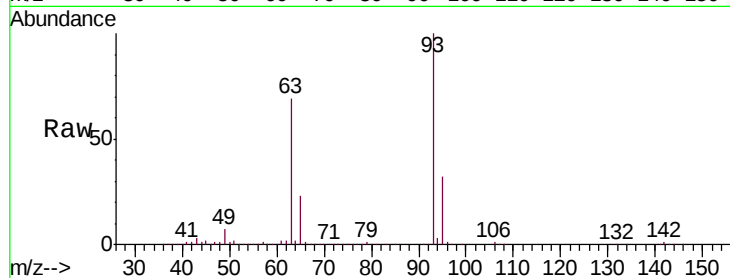
Tgt Ion: 93 Resp: 616301

Ion Ratio Lower Upper

93 100

63 69.2 51.5 91.5

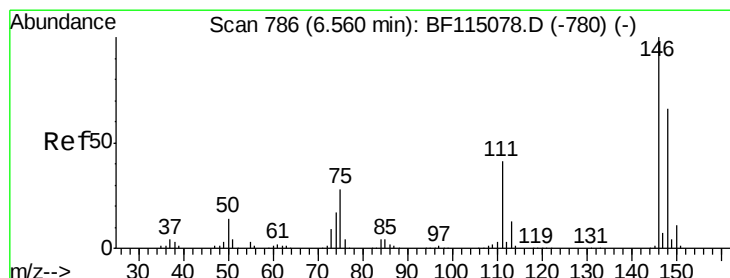
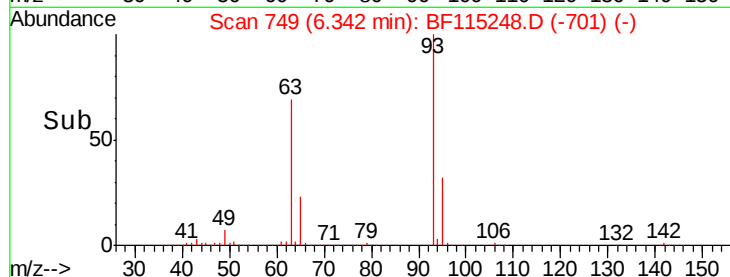
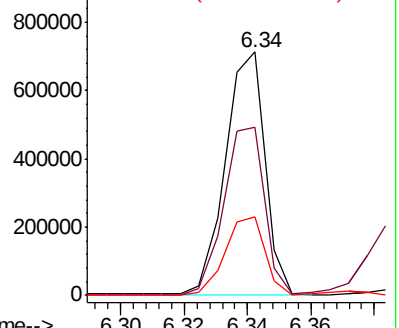
95 32.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.679 ng

RT: 6.54 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

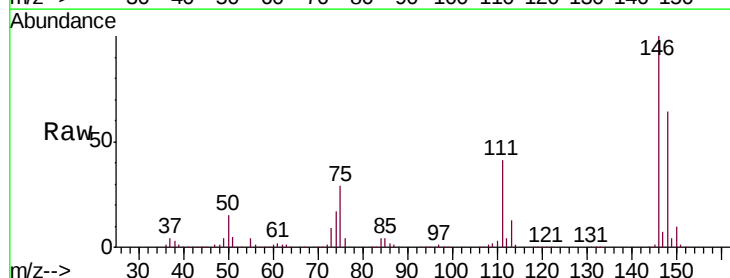
Tgt Ion: 146 Resp: 725149

Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

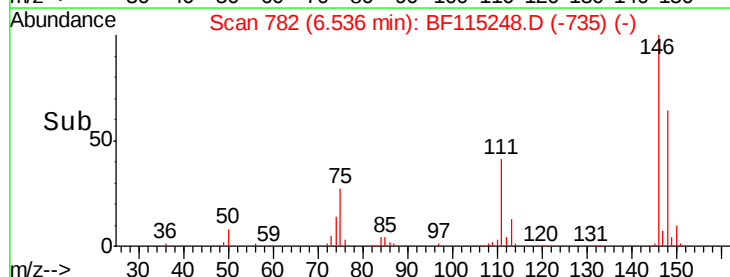
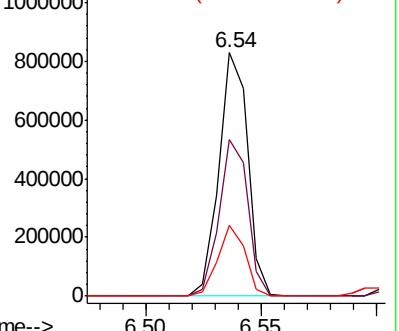
75 29.0 22.6 34.0

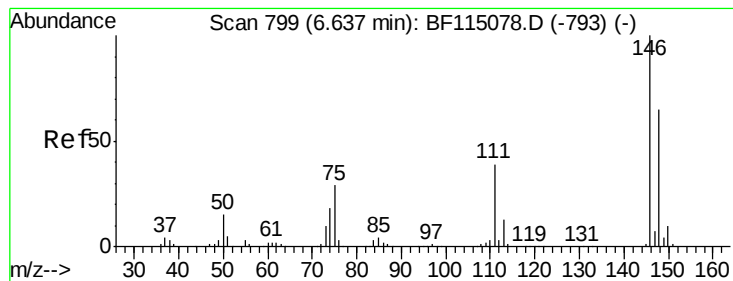


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.814 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

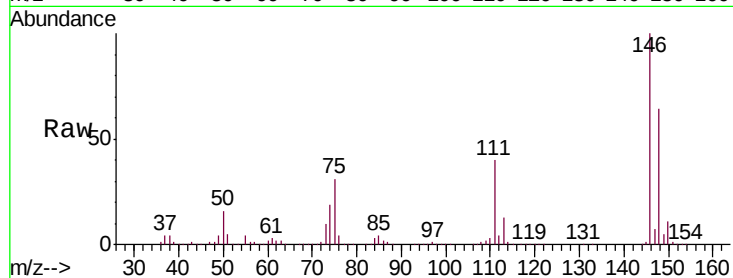
Tgt Ion:146 Resp: 729777

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

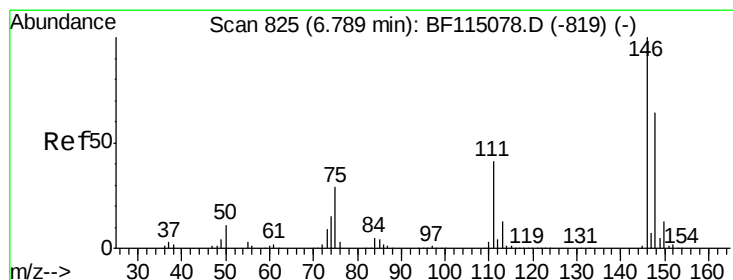
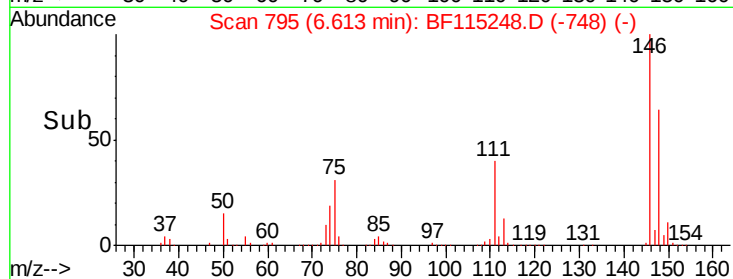
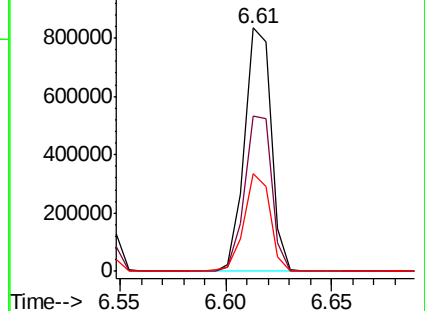
111 40.4 31.4 47.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.796 ng

RT: 6.77 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

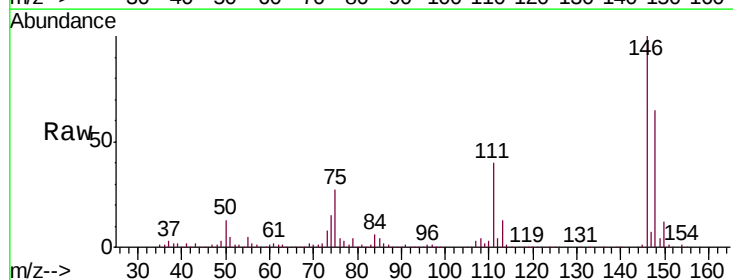
Tgt Ion:146 Resp: 675498

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

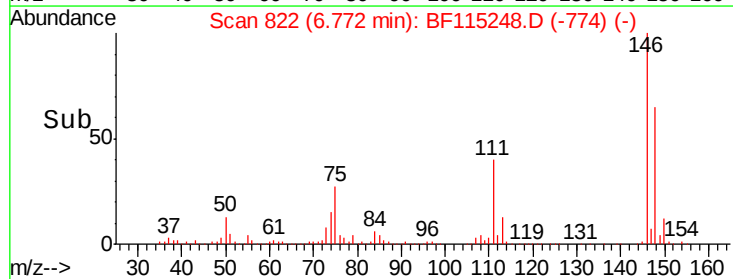
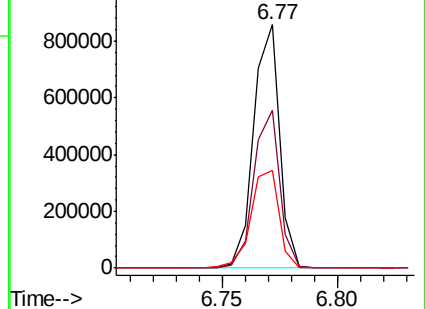
111 40.2 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

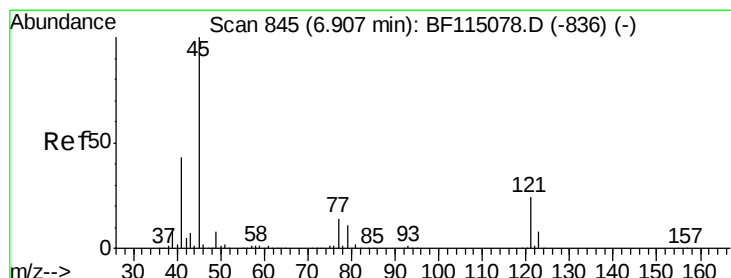
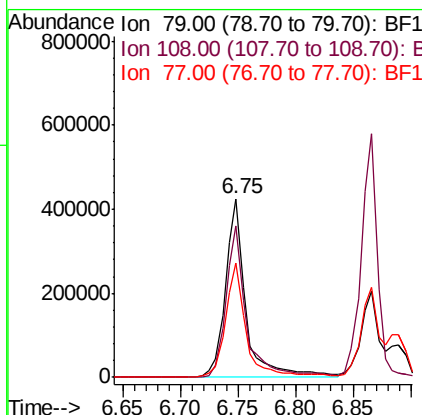
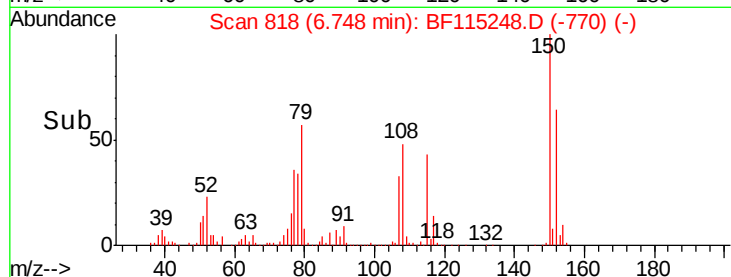
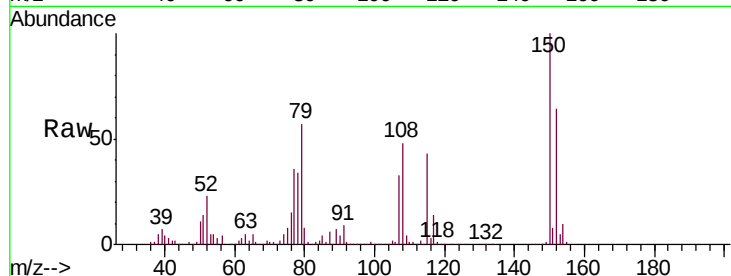




#15
Benzyl Alcohol
Concen: 38.196 ng
RT: 6.75 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

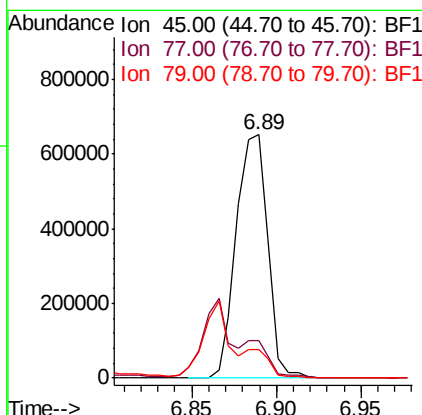
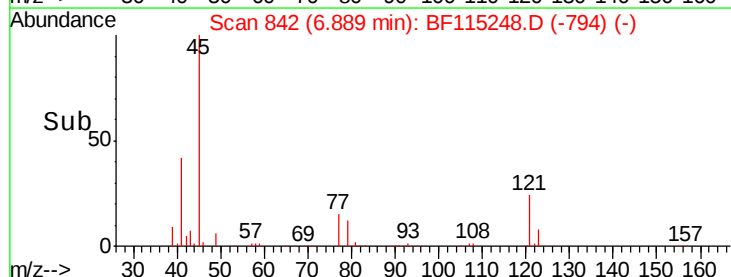
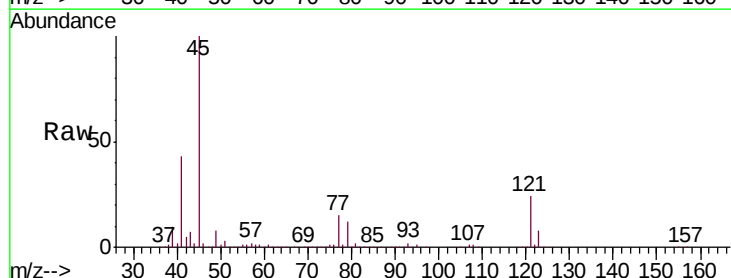
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

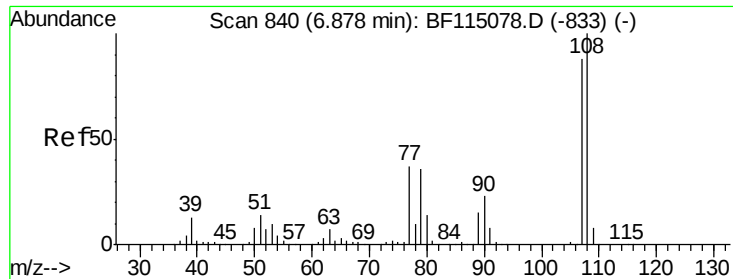
Tgt Ion: 79 Resp: 520627
Ion Ratio Lower Upper
79 100
108 85.0 68.7 103.1
77 64.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.201 ng
RT: 6.89 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion: 45 Resp: 848620
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.6
79 12.0 0.0 31.2

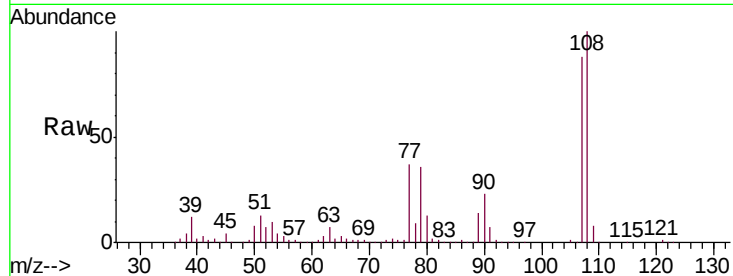




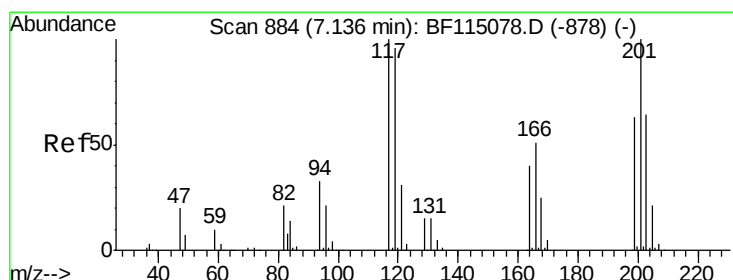
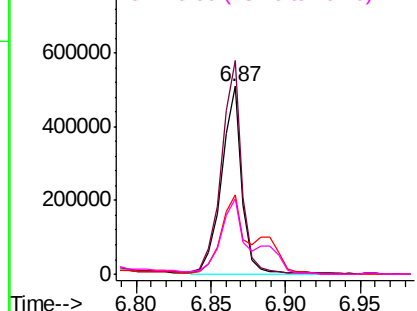
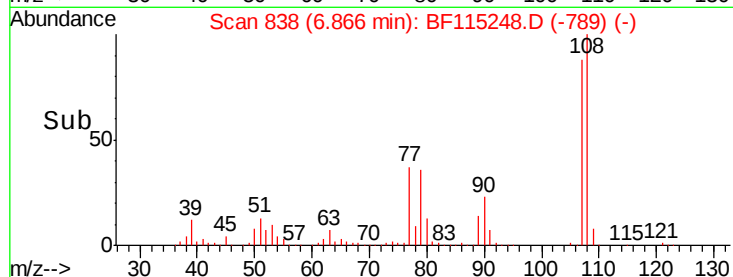
#17
2-Methylphenol
Concen: 34.115 ng
RT: 6.87 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:	107	Resp:	488308
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	42.2	33.4	50.2
79	40.5	32.3	48.5

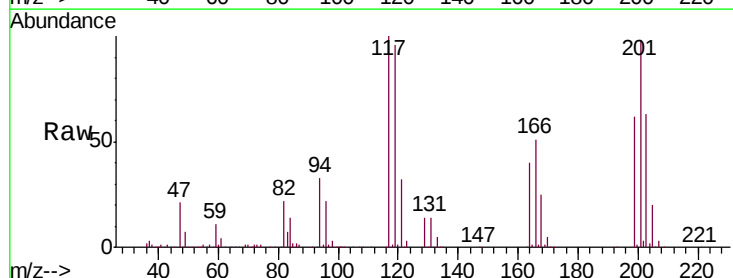


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

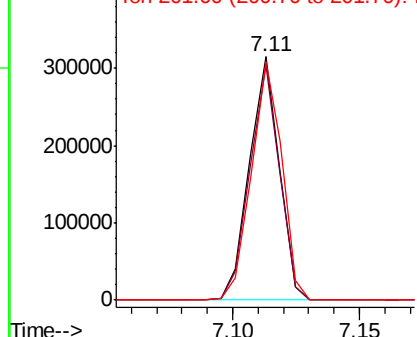
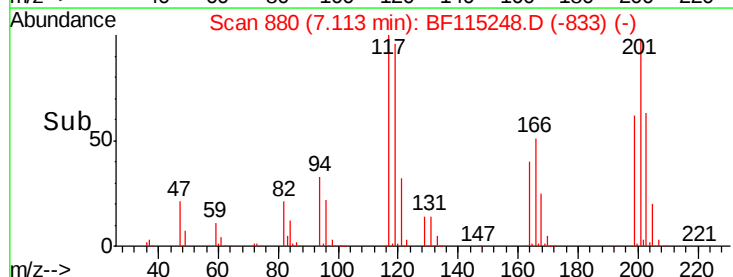


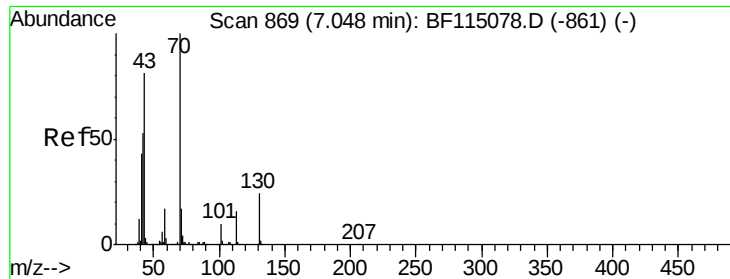
#18
Hexachloroethane
Concen: 37.011 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:	117	Resp:	257505
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	97.7	80.2	120.2



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

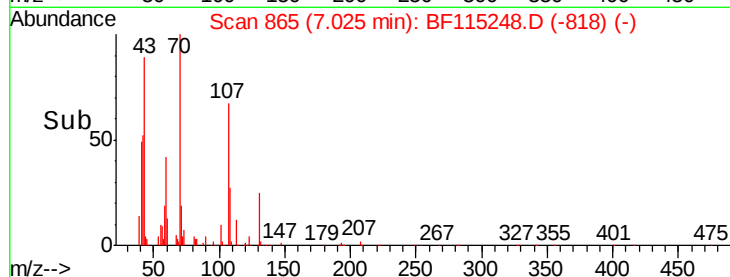
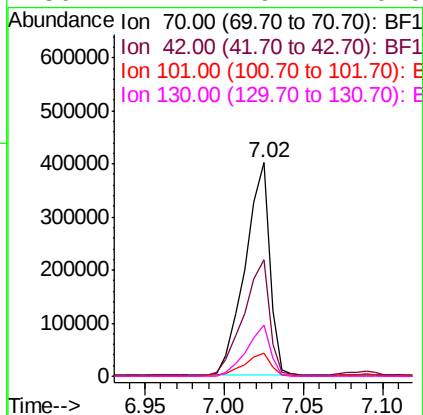
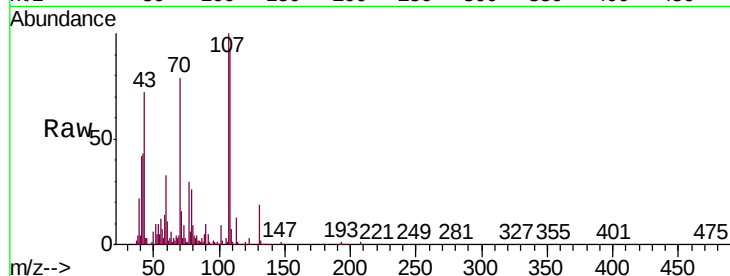




#19
n-Nitroso-di-n-propylamine
Concen: 35.816 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

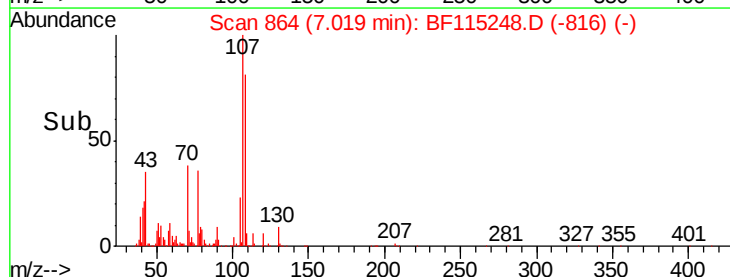
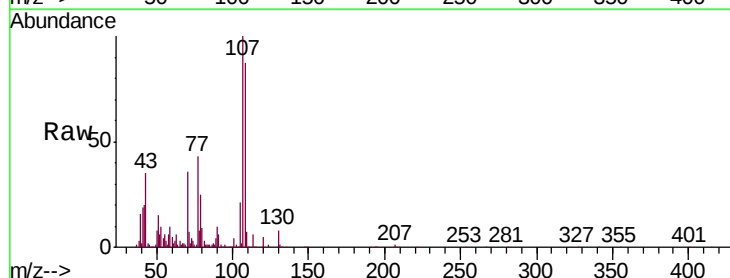
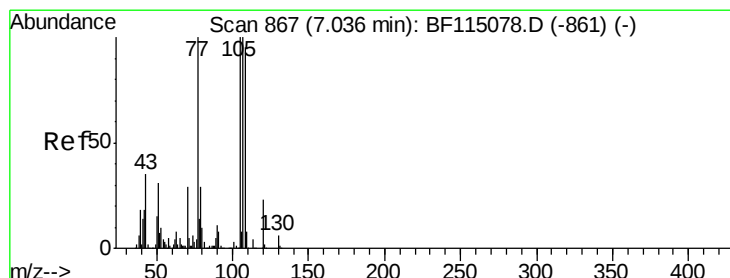
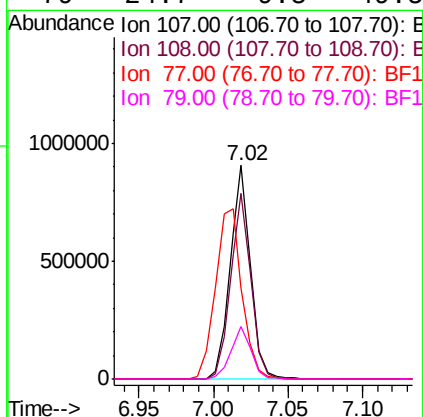
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:	70	Resp:	429208
Ion	Ratio	Lower	Upper
70	100		
42	54.3	42.6	63.8
101	10.8	8.0	12.0
130	24.2	19.4	29.0



#20
3+4-Methylphenols
Concen: 52.301 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:	107	Resp:	864426
Ion	Ratio	Lower	Upper
107	100		
108	86.9	75.5	115.5
77	42.7	80.2	120.2#
79	24.7	9.5	49.5

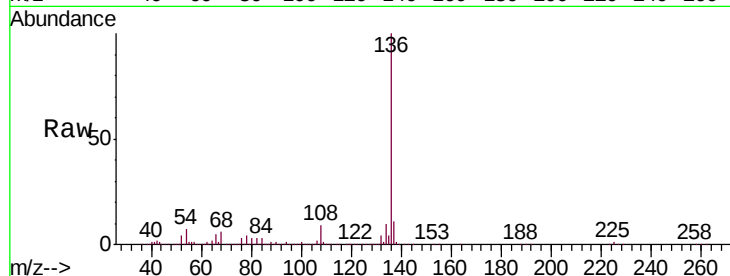




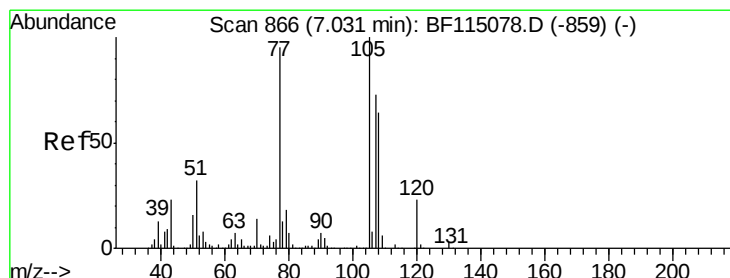
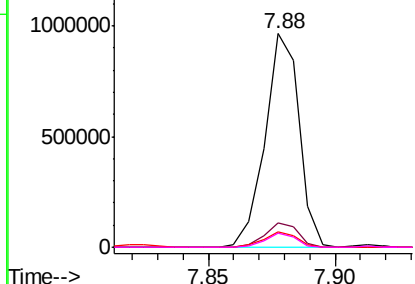
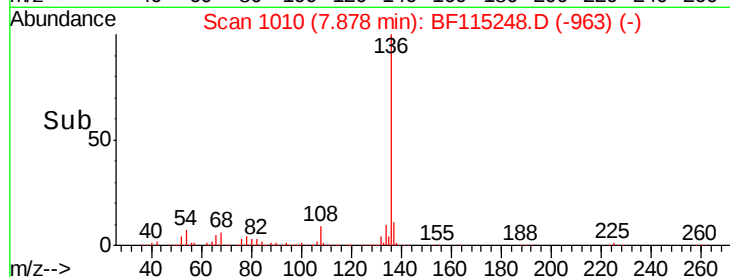
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tgt Ion:	136	Resp:	911871
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.4	5.6	8.4
68	6.3	4.8	7.2

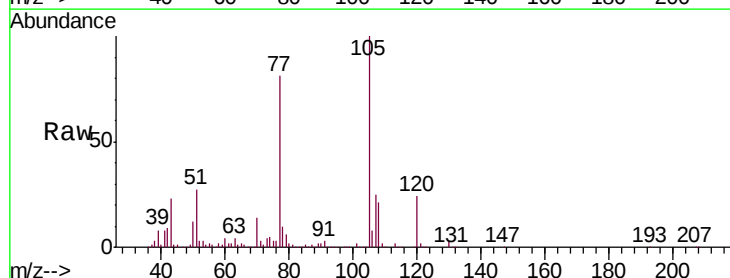


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

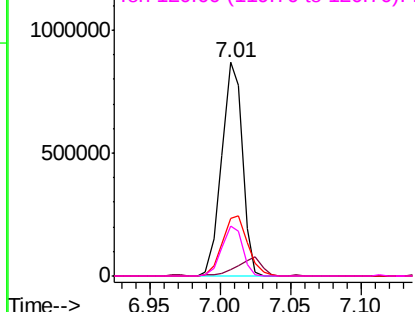
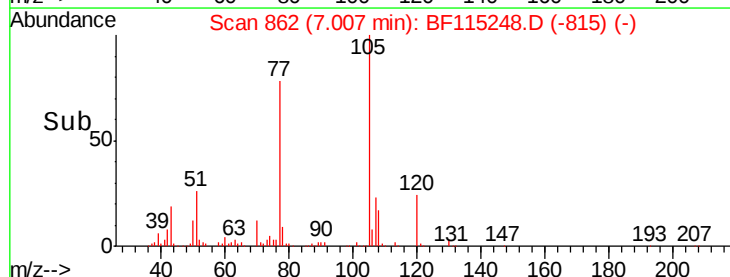


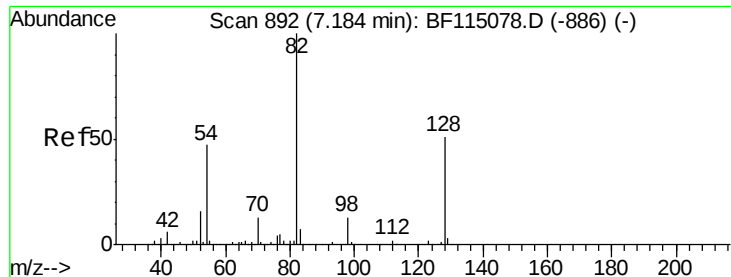
#22
Acetophenone
Concen: 42.542 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:	105	Resp:	888093
Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.9	2.9
51	26.9	25.8	38.8
120	23.6	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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

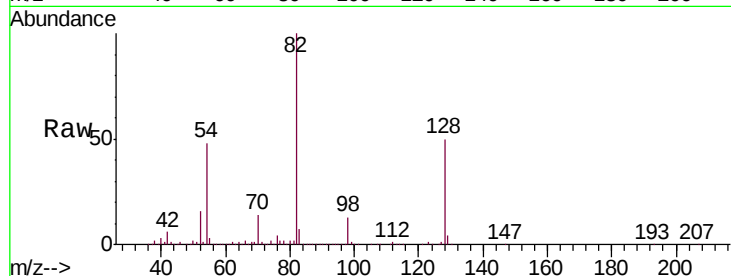




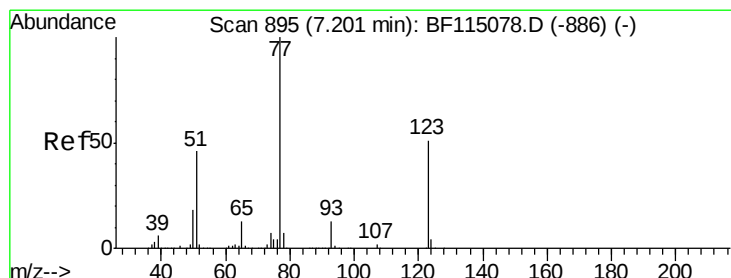
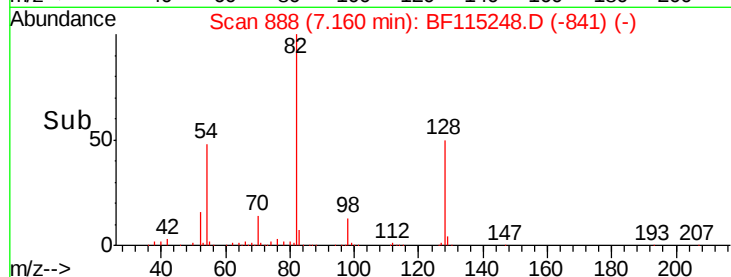
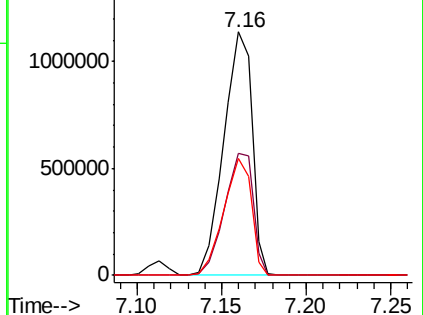
#23
Nitrobenzene-d5
Concen: 89.210 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion: 82 Resp: 1322407
Ion Ratio Lower Upper
82 100
128 50.2 40.4 60.6
54 48.2 37.5 56.3

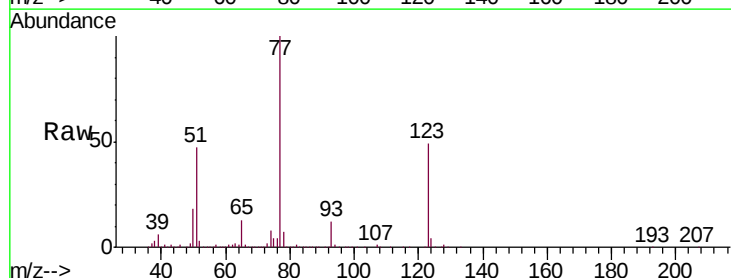


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

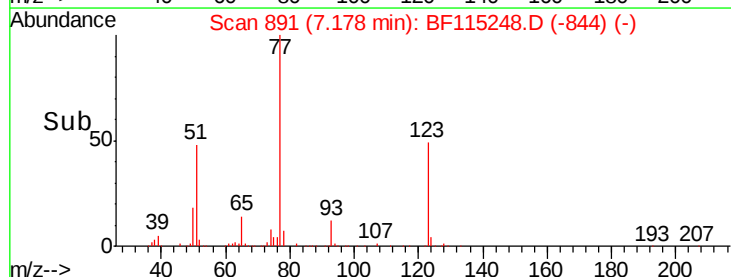
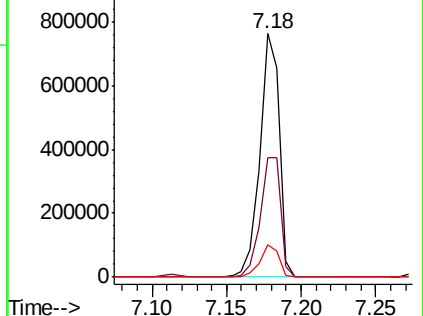


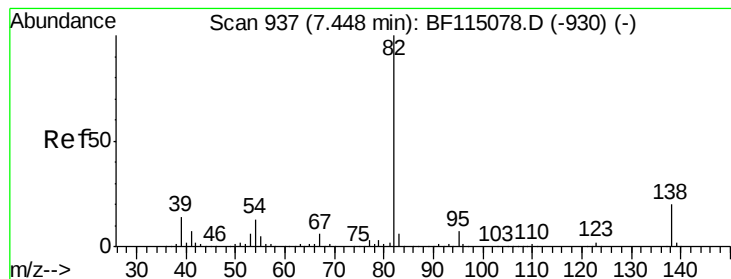
#24
Nitrobenzene
Concen: 41.306 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion: 77 Resp: 674550
Ion Ratio Lower Upper
77 100
123 49.0 41.0 61.6
65 13.4 10.5 15.7



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: 39.361 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

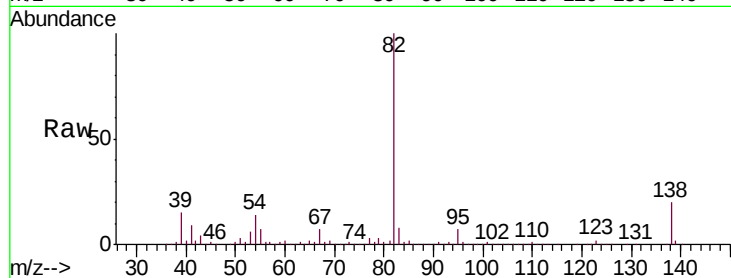
Tgt Ion: 82 Resp: 1195259

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

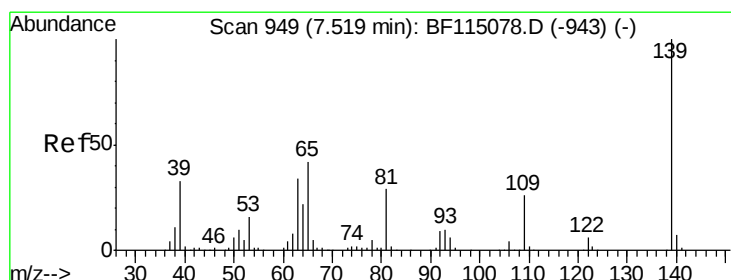
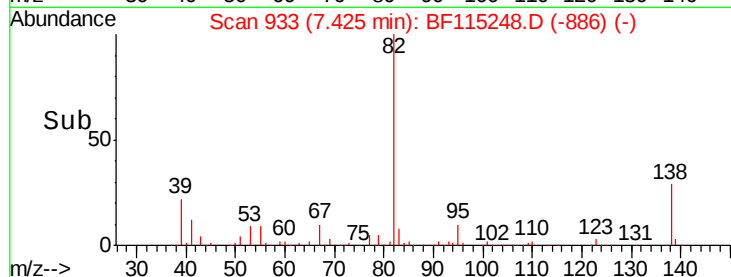
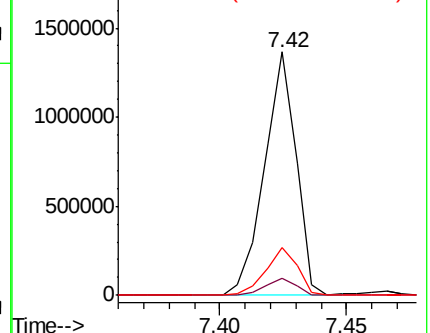
138 19.7 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.189 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

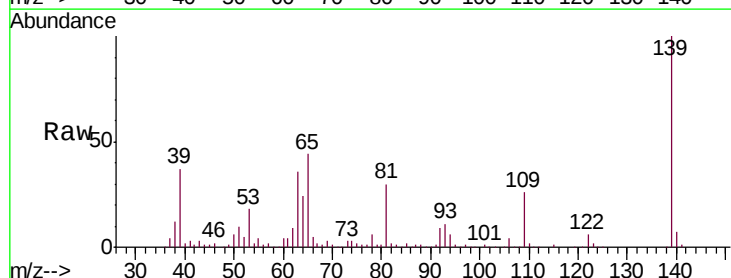
Tgt Ion: 139 Resp: 340243

Ion Ratio Lower Upper

139 100

109 26.4 20.4 30.6

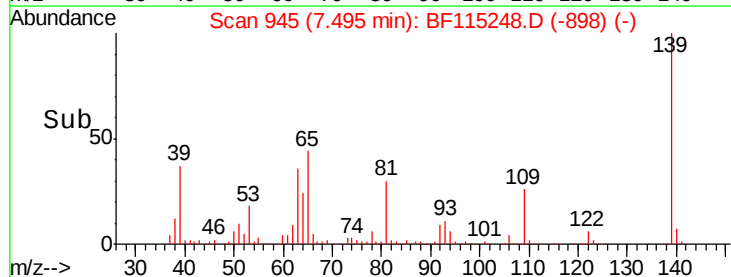
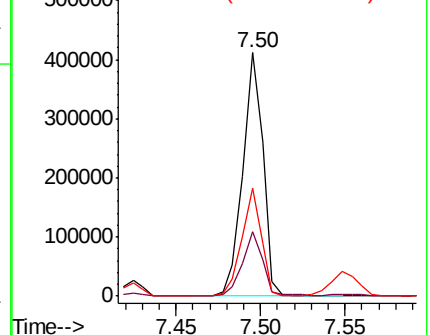
65 44.2 33.6 50.4

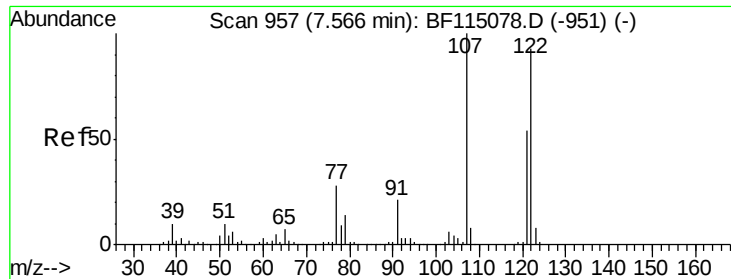


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

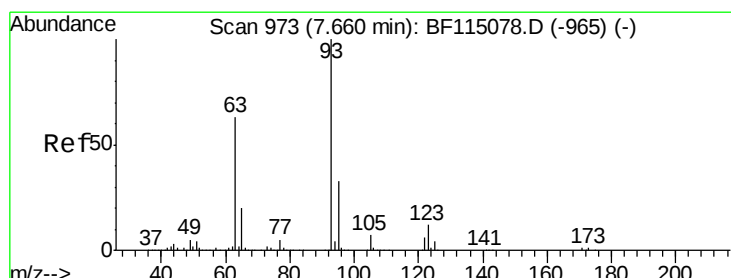
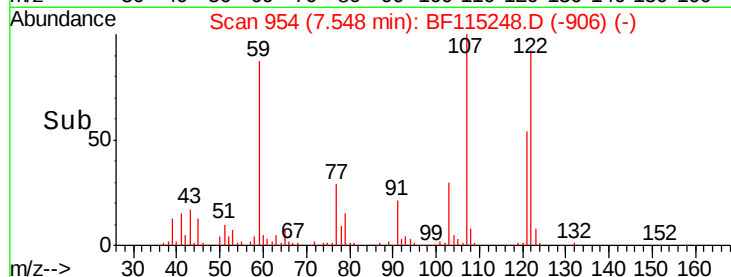
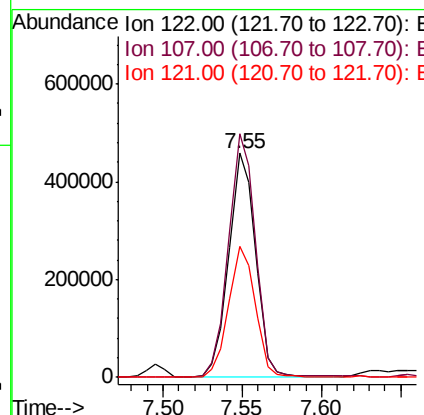
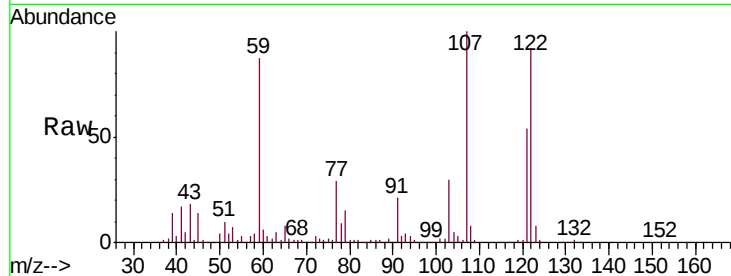




#27
2,4-Dimethylphenol
Concen: 41.191 ng
RT: 7.55 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

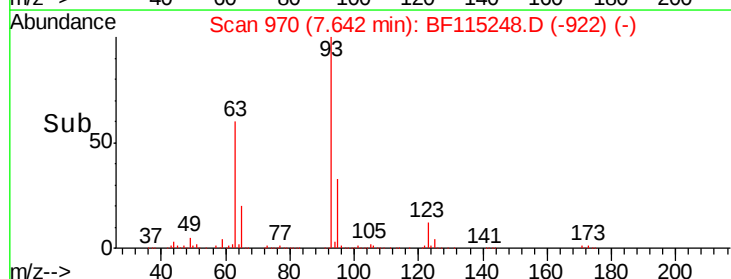
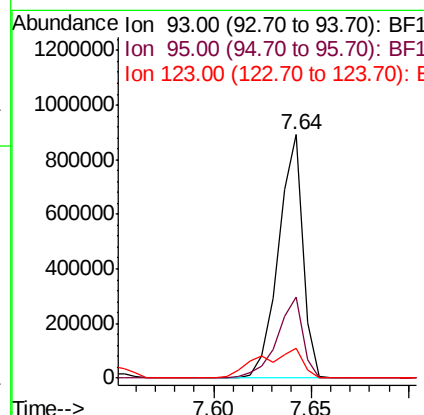
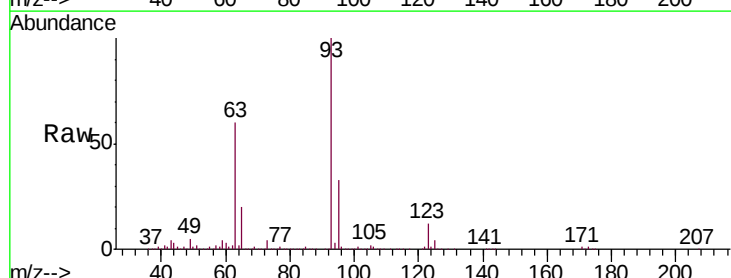
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:122 Resp: 543902
Ion Ratio Lower Upper
122 100
107 108.7 85.8 128.6
121 58.2 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.071 ng
RT: 7.64 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion: 93 Resp: 769085
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.4
123 12.4 9.7 14.5

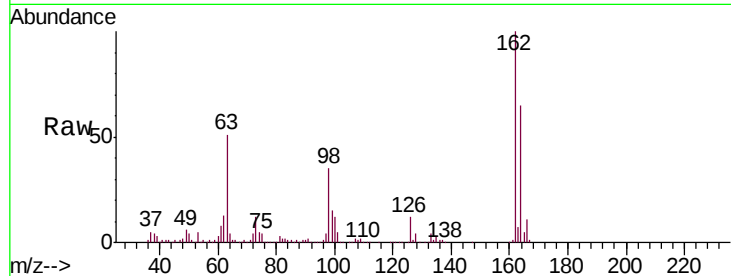




#29
2,4-Dichlorophenol
Concen: 38.653 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.3	85.3
98	35.2	12.5	52.5

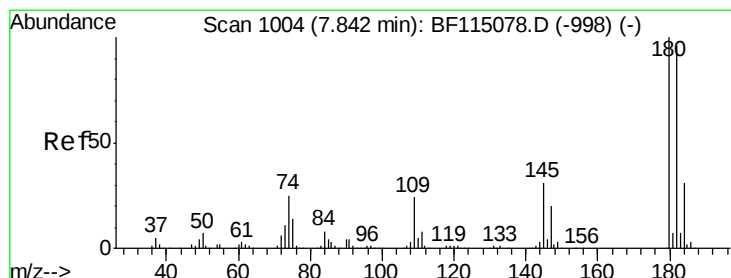
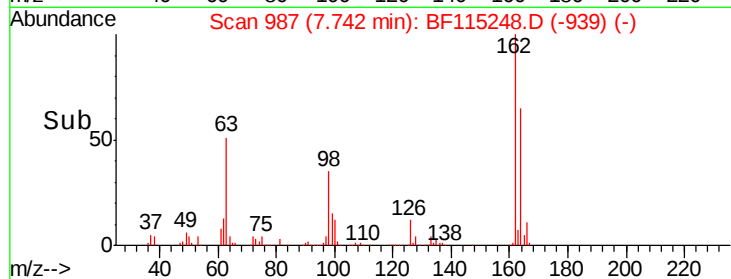
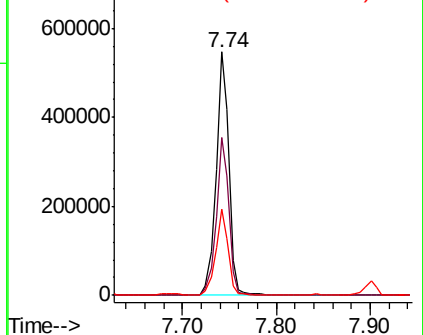


Abundance

Ion 162.00 (161.70 to 162.70): E

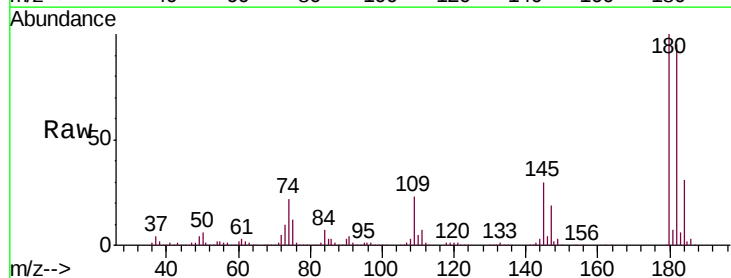
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.355 ng
RT: 7.82 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	30.2	24.8	37.2

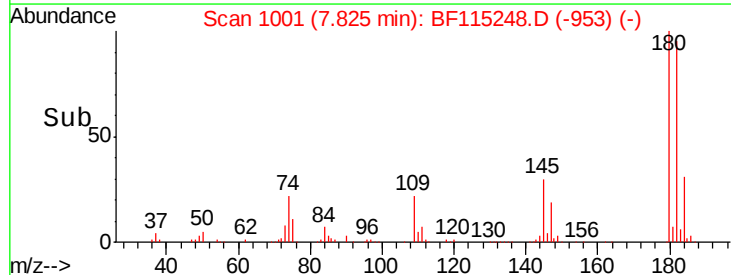
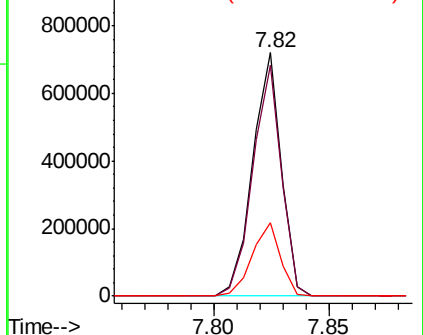


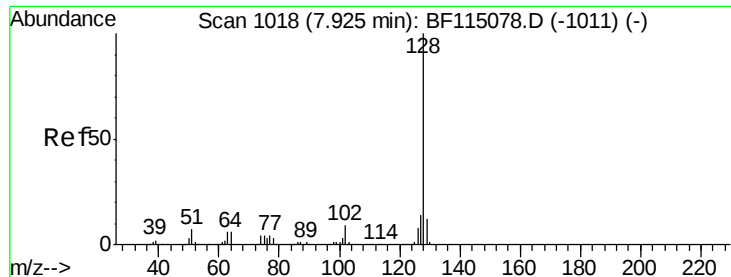
Abundance

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

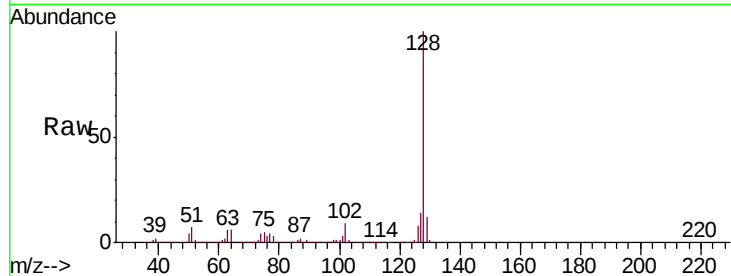




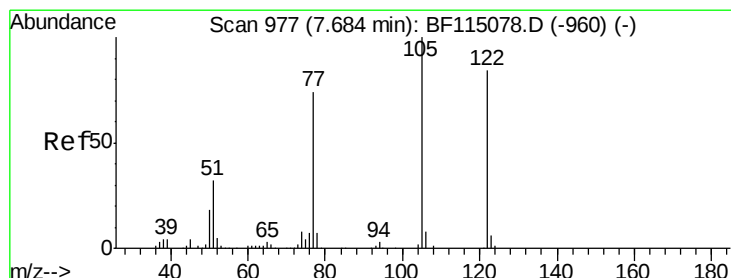
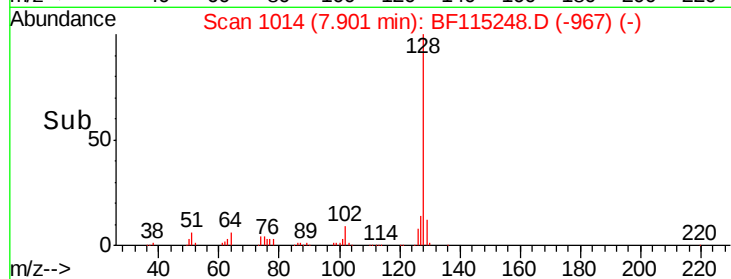
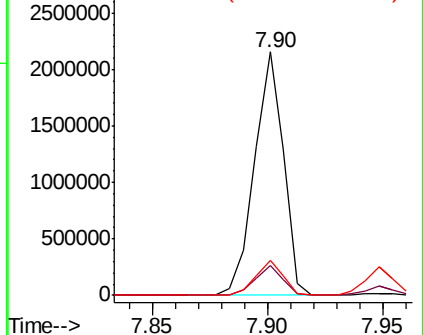
#31
Naphthalene
Concen: 42.153 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:128 Resp: 1886842
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.2 11.4 17.0

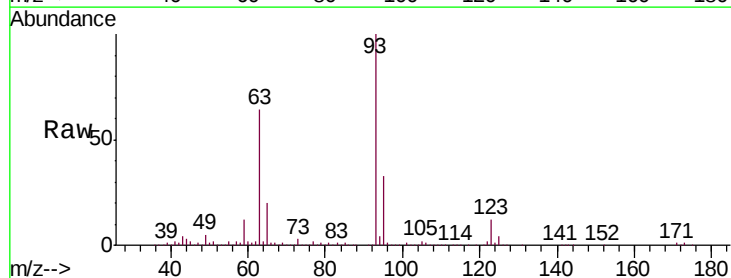


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

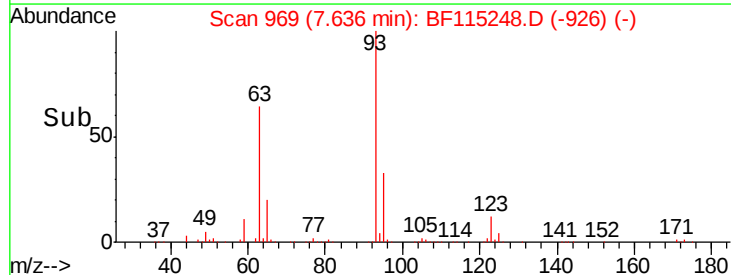
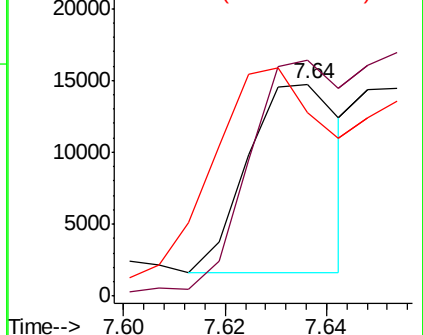


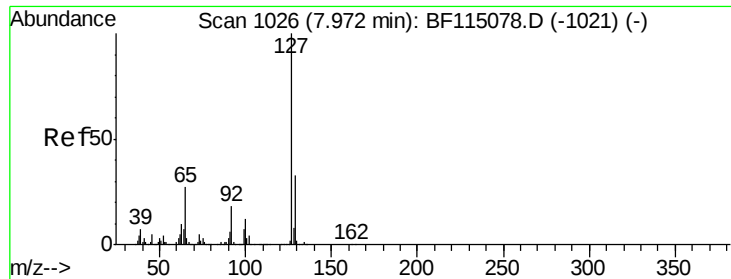
#32
Benzoic acid
Concen: 1.760 ng
RT: 7.64 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:122 Resp: 16586
Ion Ratio Lower Upper
122 100
105 111.6 98.2 138.2
77 86.7 67.0 107.0



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

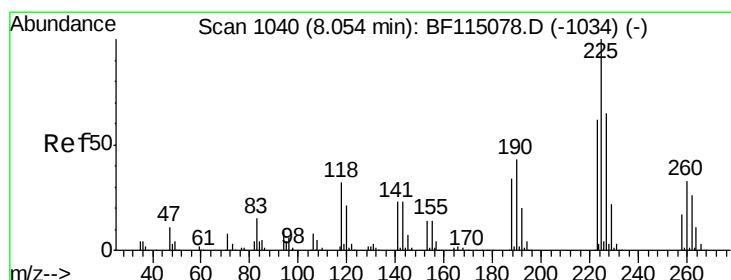
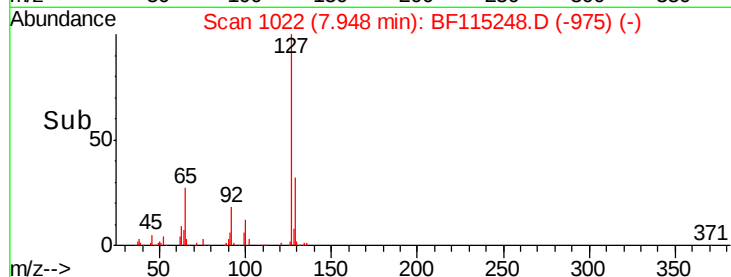
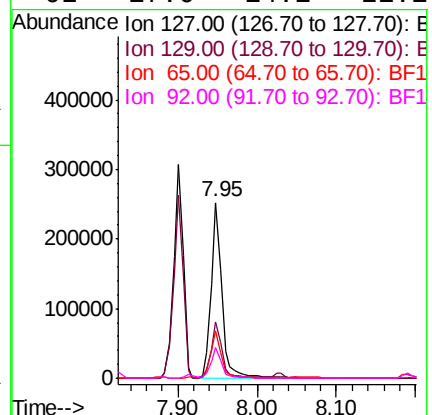
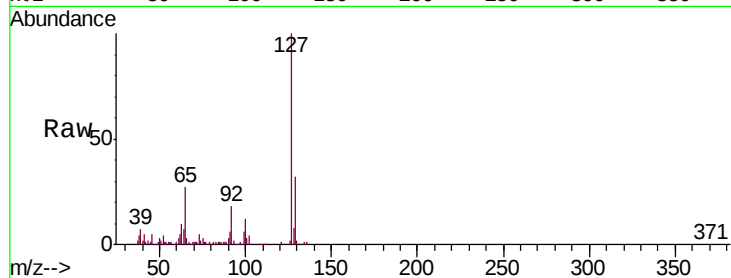




#33
4-Chloroaniline
Concen: 11.897 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

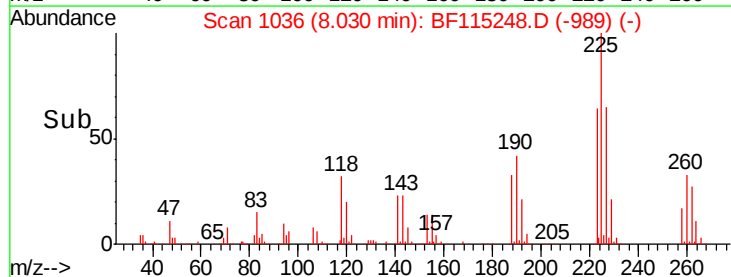
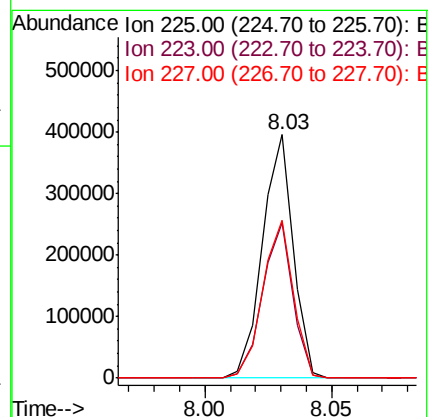
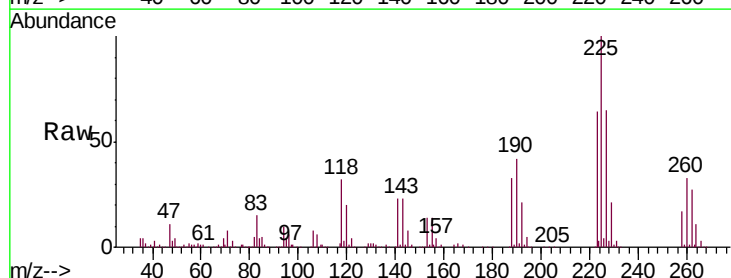
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

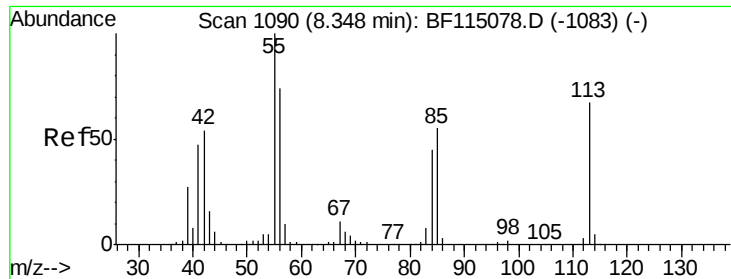
Tgt Ion:	127	Resp:	243367
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	27.0	21.4	32.2
92	17.6	14.1	21.1



#34
Hexachlorobutadiene
Concen: 40.377 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:	225	Resp:	333054
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.2
227	64.6	51.8	77.8

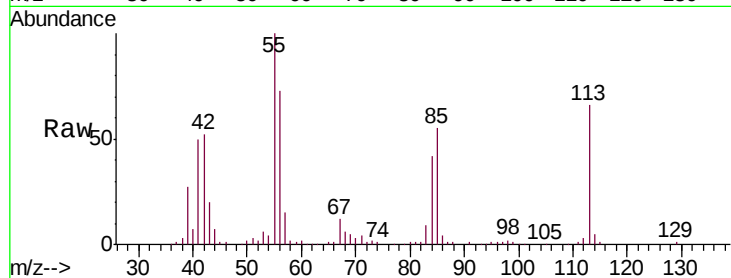




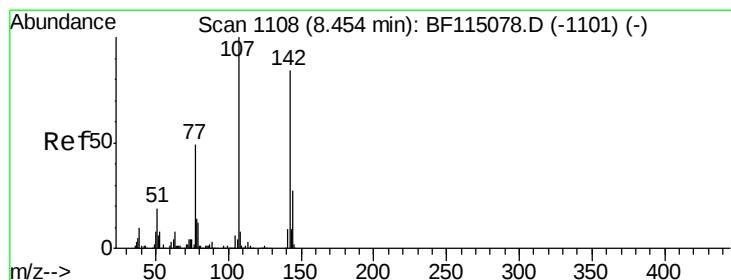
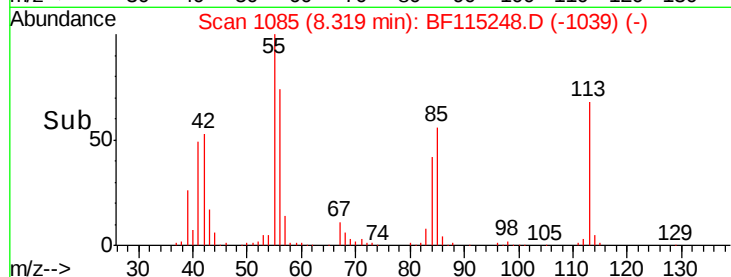
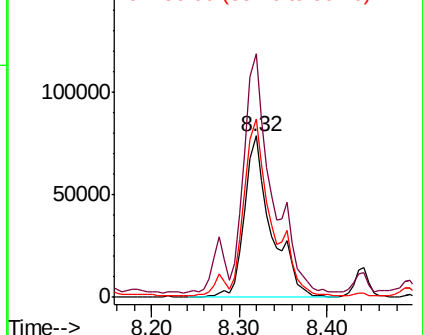
#35
 Caprolactam
 Concen: 35.629 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:113 Resp: 163233
 Ion Ratio Lower Upper
 113 100
 55 150.8 130.2 170.2
 56 110.6 91.6 131.6

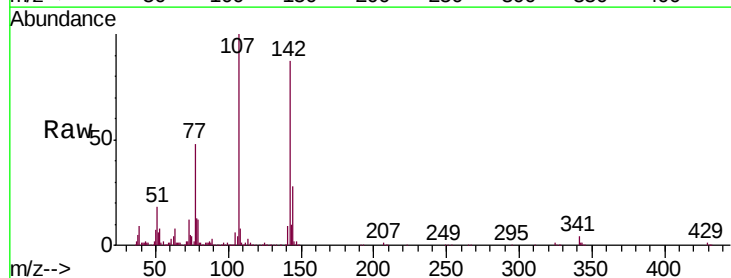


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

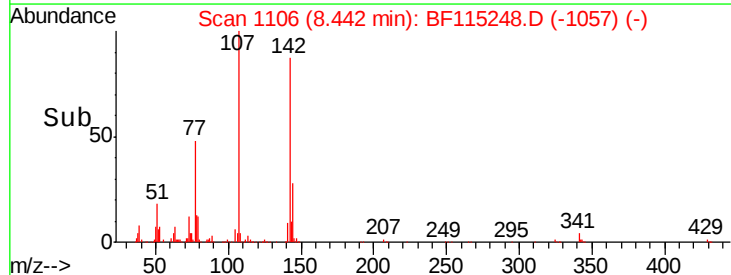
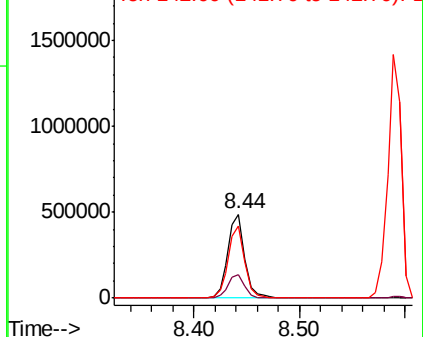


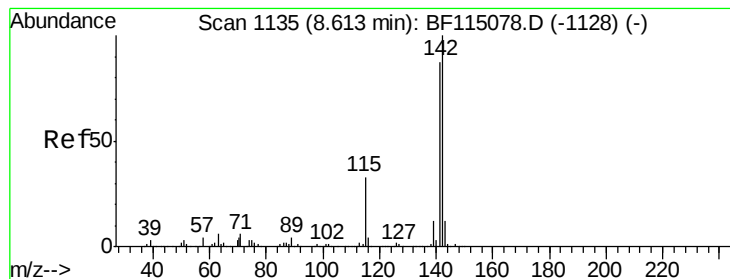
#36
 4-Chloro-3-methylphenol
 Concen: 38.968 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:107 Resp: 537773
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.7 32.5
 142 86.6 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.893 ng

RT: 8.59 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

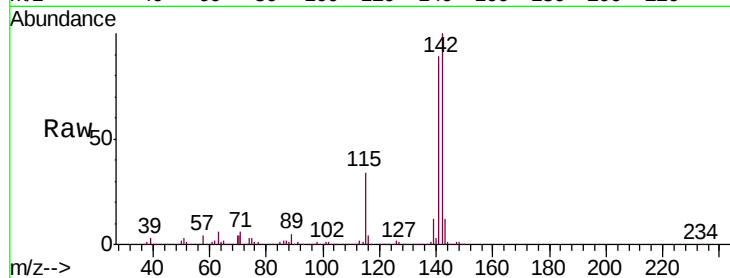
Tgt Ion:142 Resp: 1294529

Ion Ratio Lower Upper

142 100

141 88.7 69.8 104.6

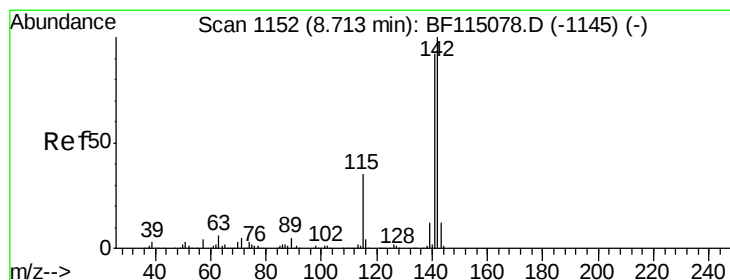
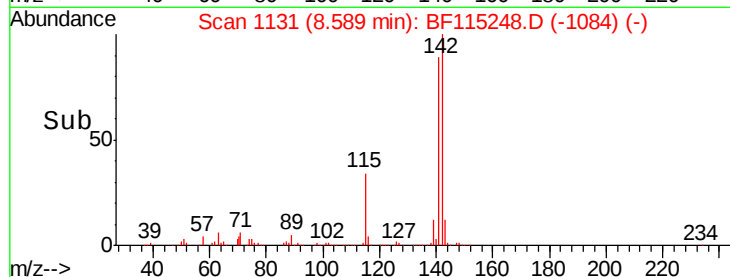
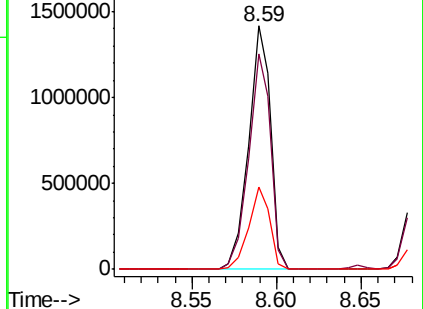
115 33.6 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.335 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

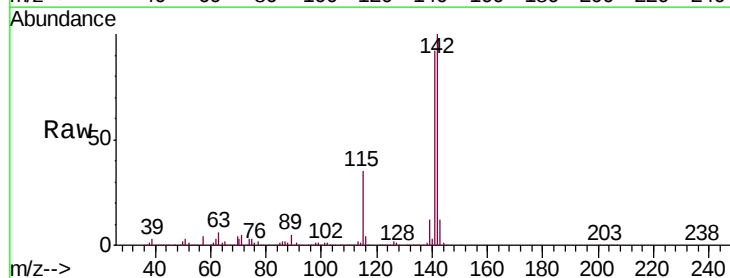
Tgt Ion:142 Resp: 1220295

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8

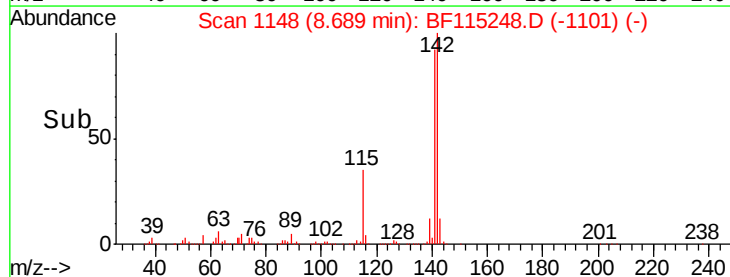
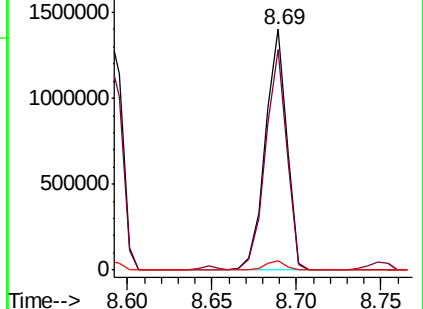
116 3.7 2.8 4.2

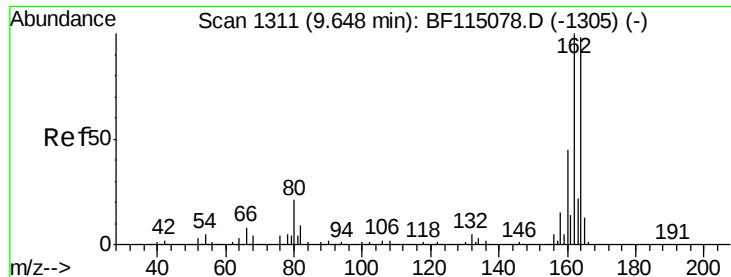


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

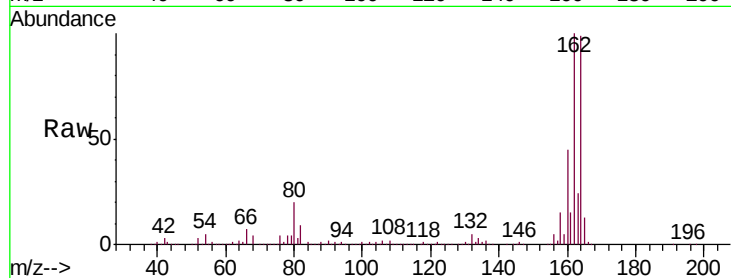




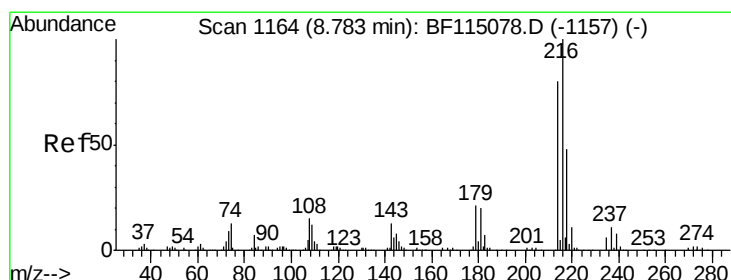
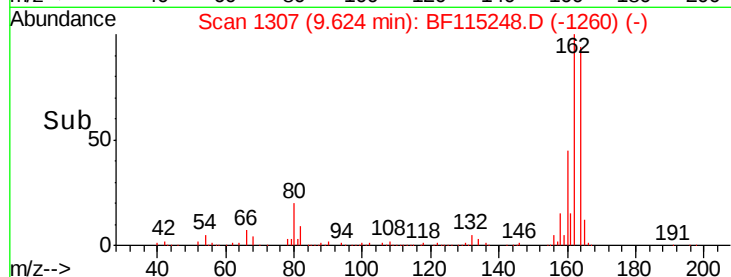
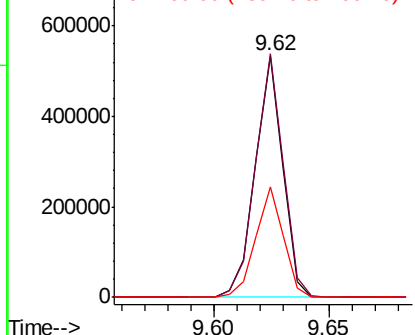
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:164 Resp: 444160
Ion Ratio Lower Upper
164 100
162 101.0 81.7 122.5
160 45.6 37.0 55.4

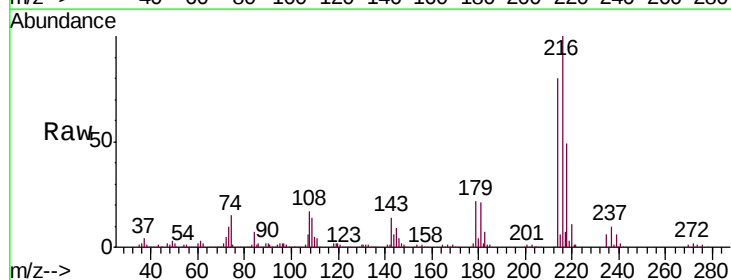


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

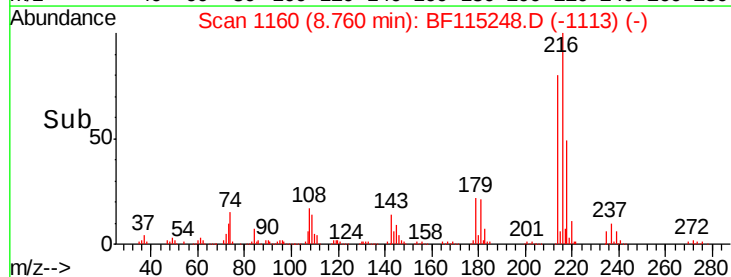
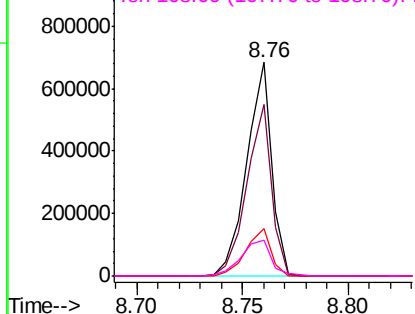


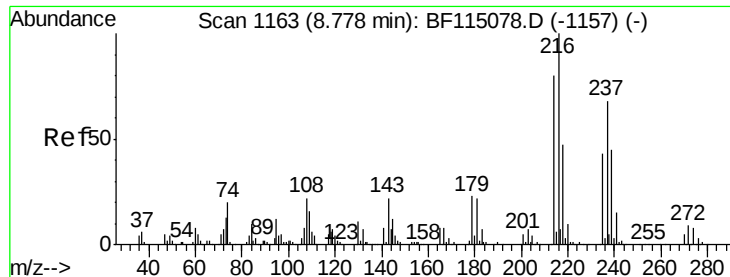
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.815 ng
RT: 8.76 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:216 Resp: 562478
Ion Ratio Lower Upper
216 100
214 79.9 63.8 95.6
179 22.2 17.6 26.4
108 20.5 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.026 ng

RT: 8.75 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

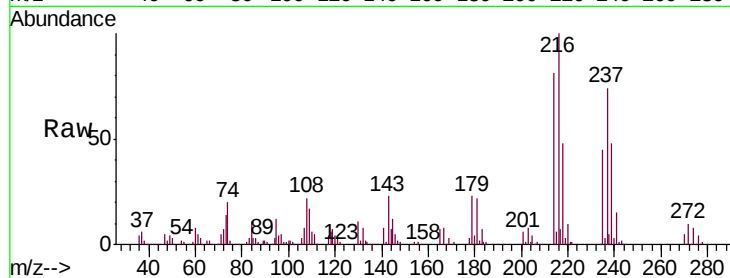
Tgt Ion: 237 Resp: 335101

Ion Ratio Lower Upper

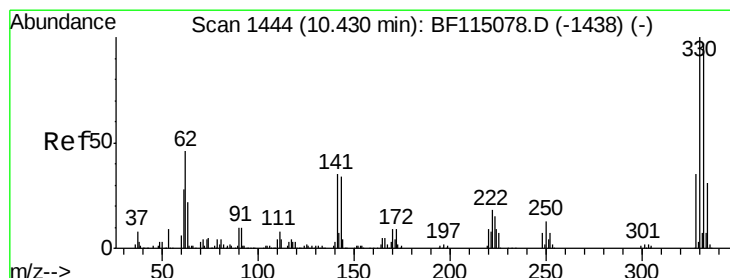
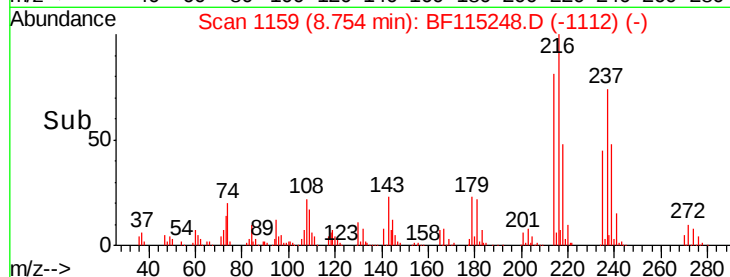
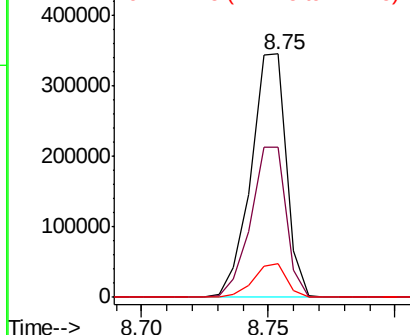
237 100

235 61.6 43.9 83.9

272 13.9 0.0 33.8



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: 119.061 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

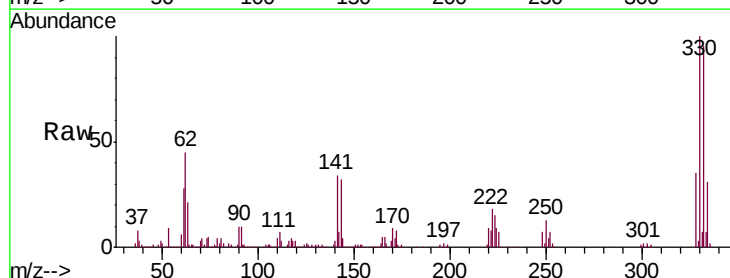
Tgt Ion: 330 Resp: 557662

Ion Ratio Lower Upper

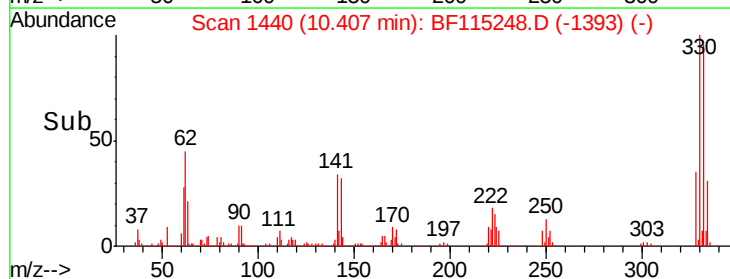
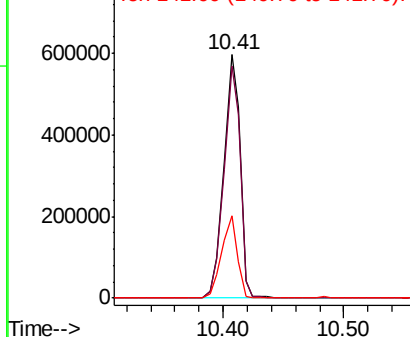
330 100

332 95.4 77.3 115.9

141 32.6 28.2 42.2



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

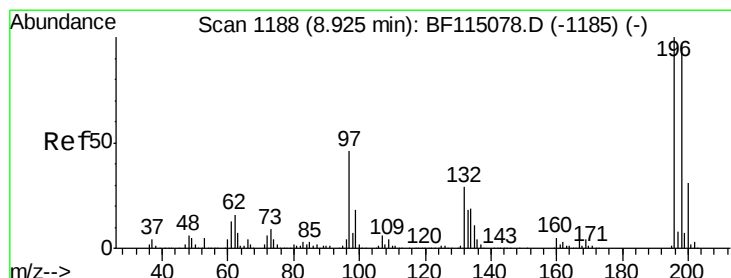
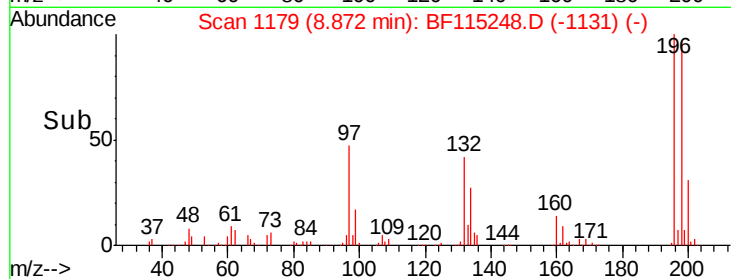
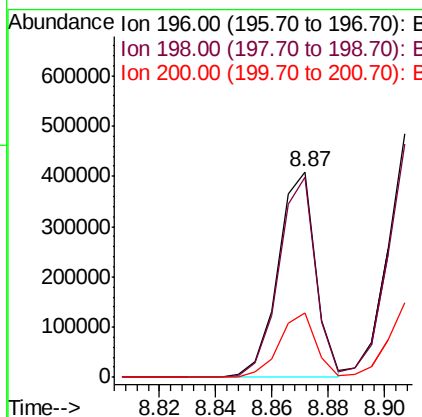
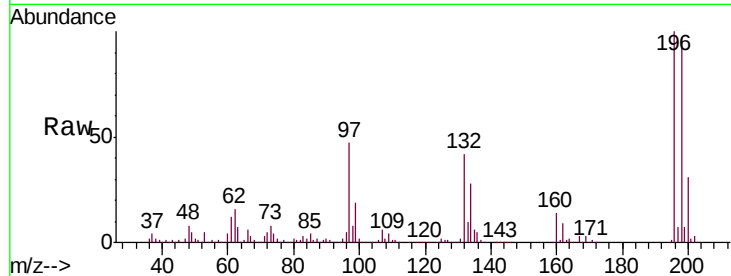




#43
 2,4,6-Trichlorophenol
 Concen: 38.872 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

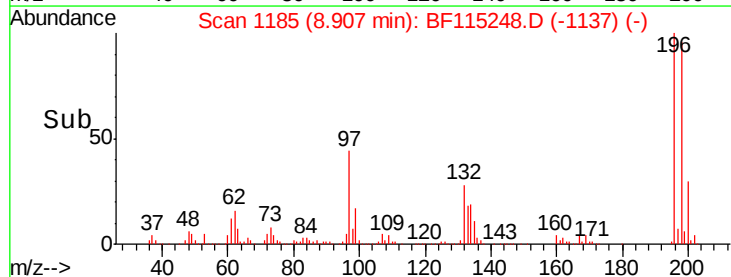
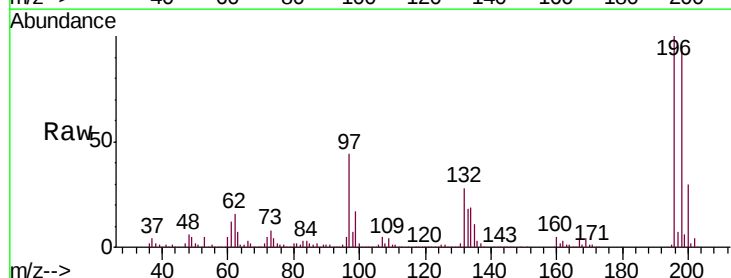
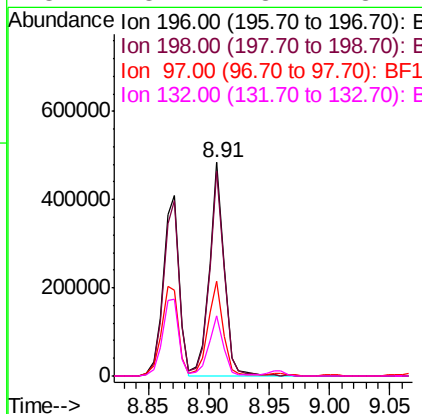
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

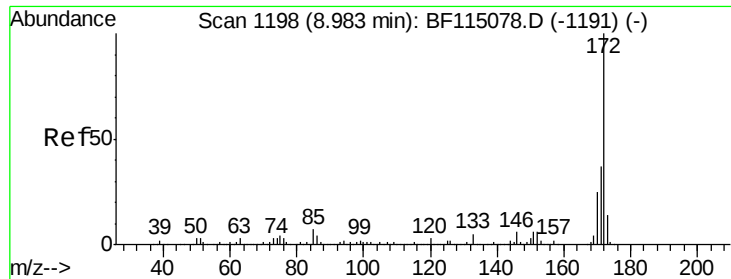
Tgt Ion:196 Resp: 376664
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 31.2 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.646 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:196 Resp: 405597
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.1 115.7
 97 44.3 37.7 56.5
 132 28.1 23.1 34.7

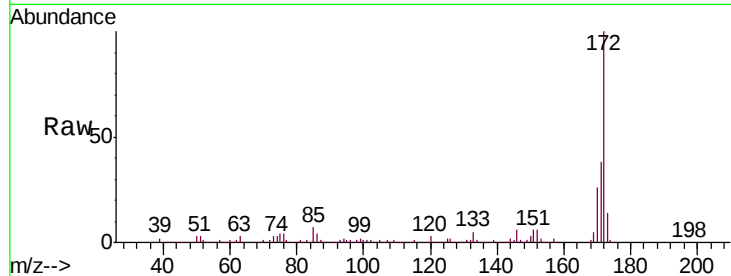




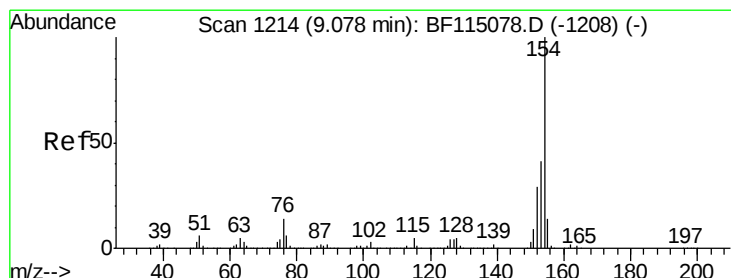
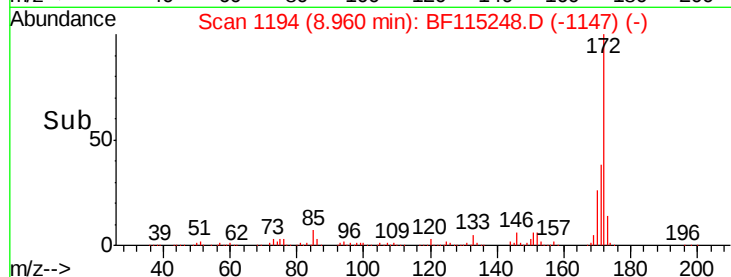
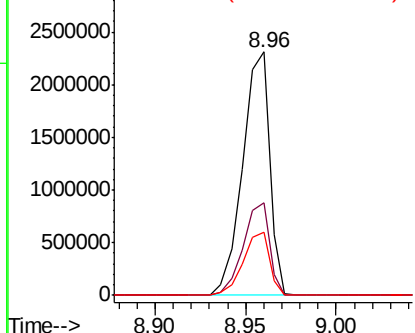
#45
2-Fluorobiphenyl
Concen: 91.653 ng
RT: 8.96 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:172 Resp: 2396562
Ion Ratio Lower Upper
172 100
171 38.0 29.8 44.6
170 26.2 20.3 30.5

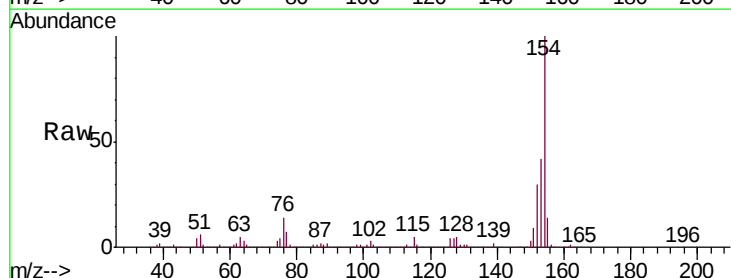


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

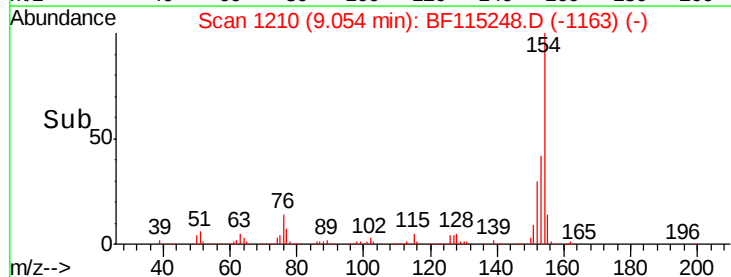
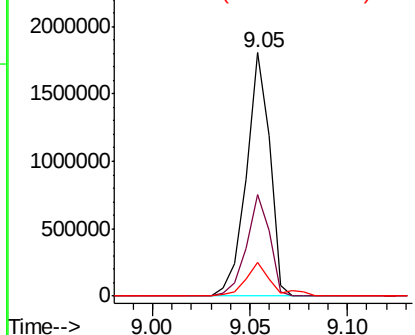


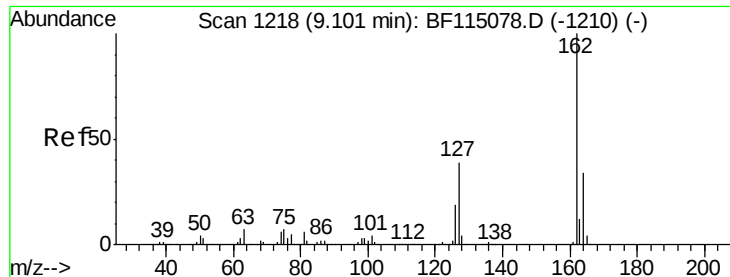
#46
1,1'-Biphenyl
Concen: 42.178 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:154 Resp: 1498961
Ion Ratio Lower Upper
154 100
153 41.9 20.9 60.9
76 13.9 0.0 34.1



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

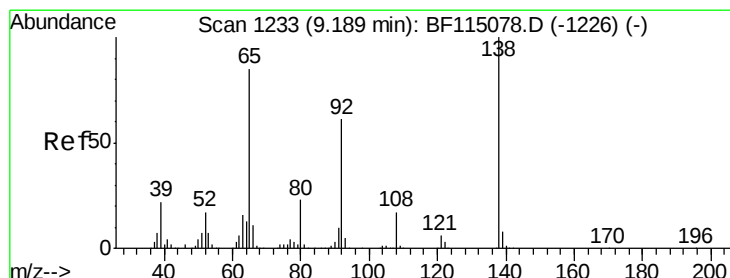
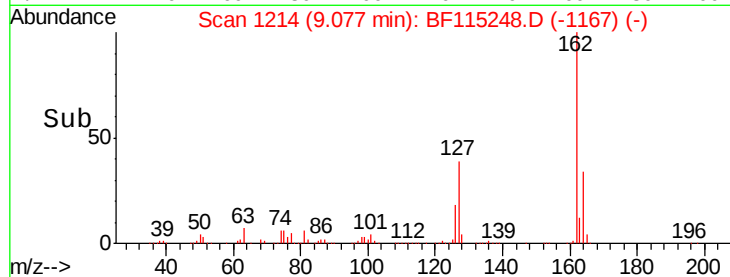
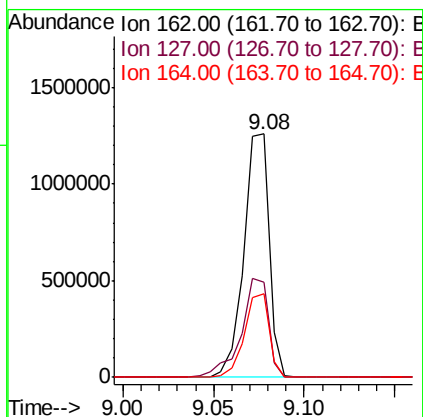
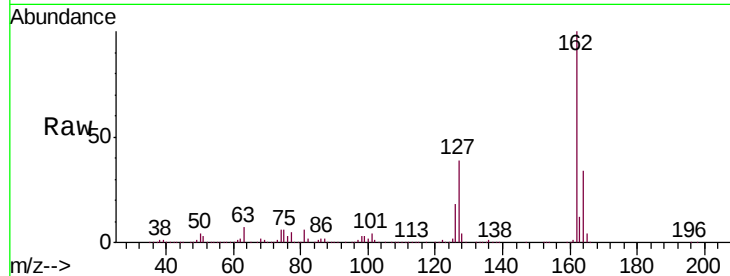




#47
2-Chloronaphthalene
Concen: 42.192 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

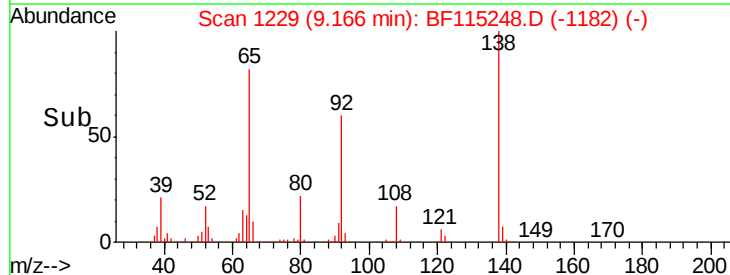
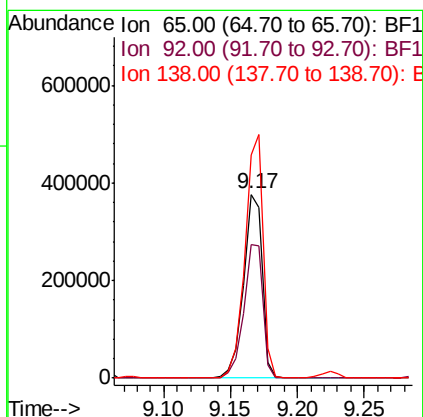
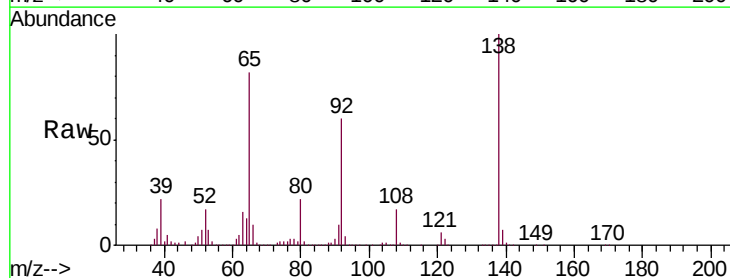
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

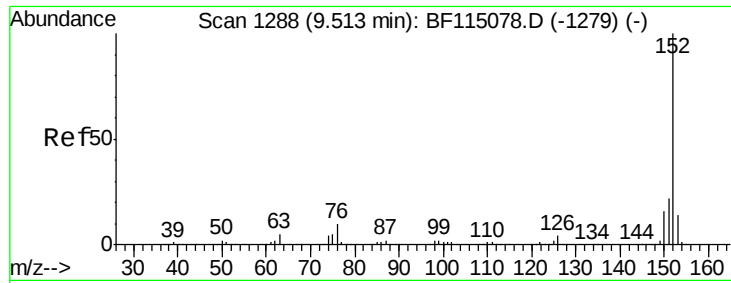
Tgt Ion: 162 Resp: 1216295
Ion Ratio Lower Upper
162 100
127 39.0 30.8 46.2
164 34.2 27.0 40.4



#48
2-Nitroaniline
Concen: 43.547 ng
RT: 9.17 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion: 65 Resp: 365987
Ion Ratio Lower Upper
65 100
92 72.5 57.4 86.2
138 121.3 94.1 141.1





#49

Acenaphthylene

Concen: 42.477 ng

RT: 9.49 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

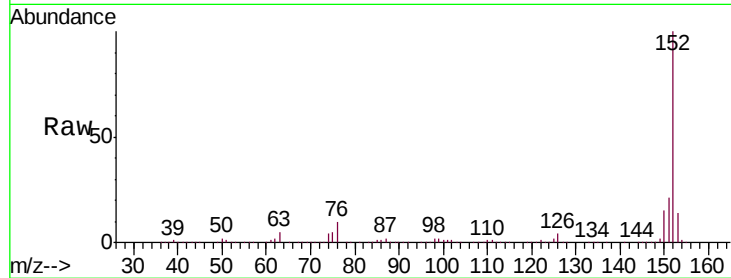
Tgt Ion:152 Resp: 1907845

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

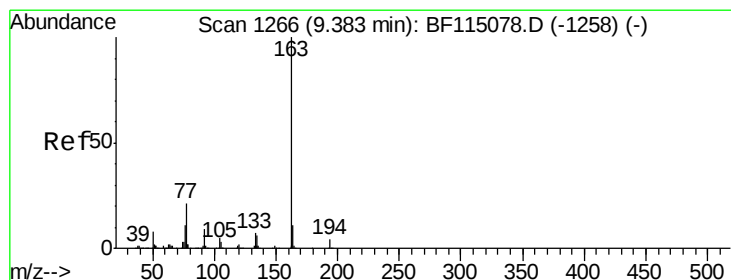
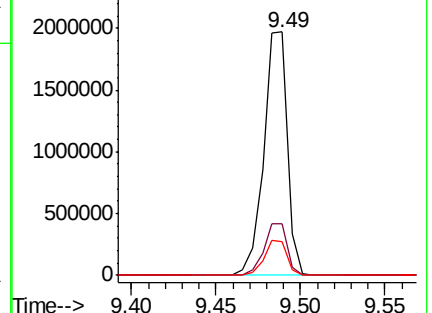
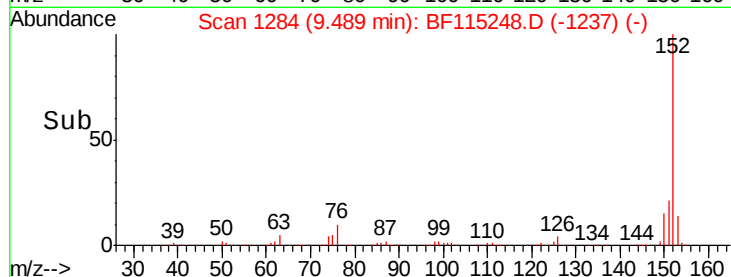
153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.430 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

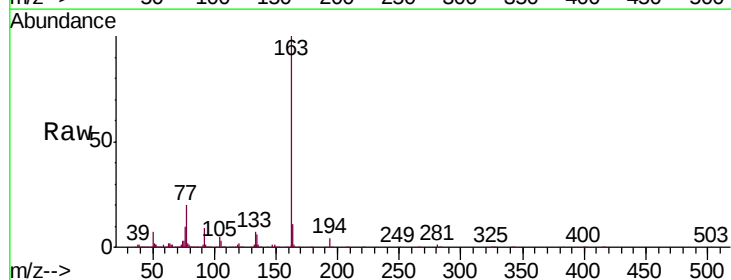
Tgt Ion:163 Resp: 1451890

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

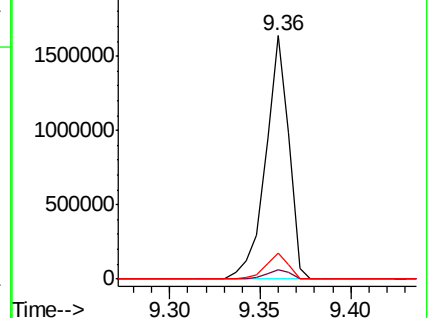
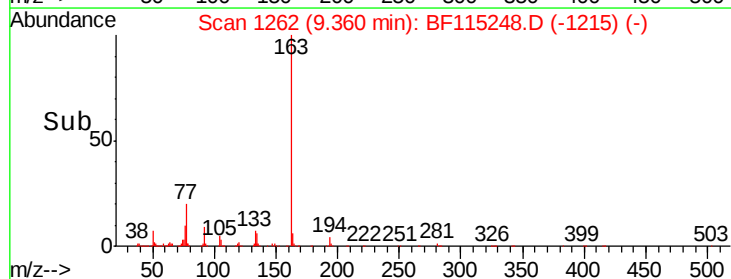
164 10.8 8.6 13.0

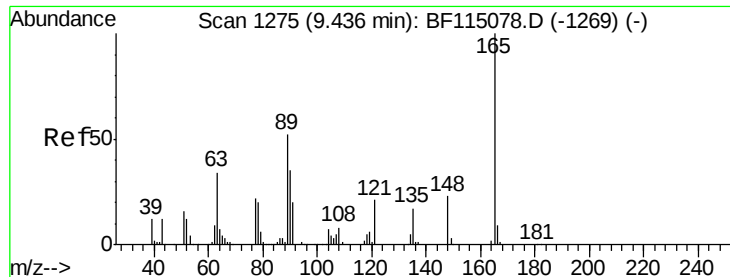


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

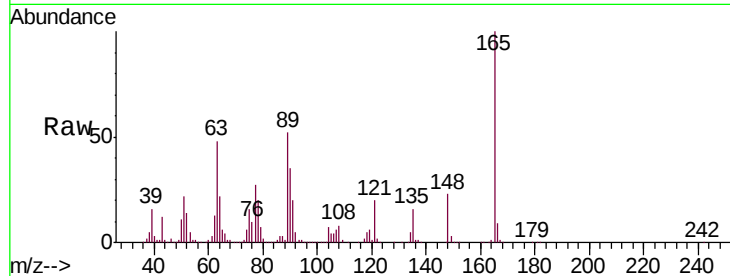




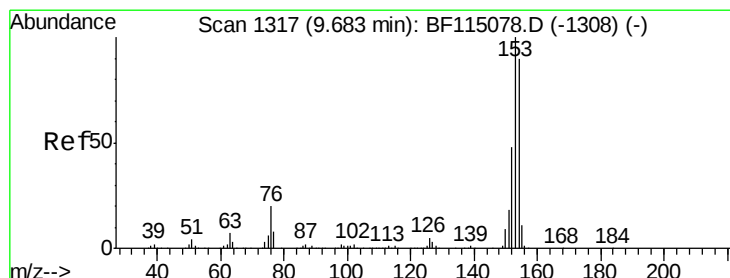
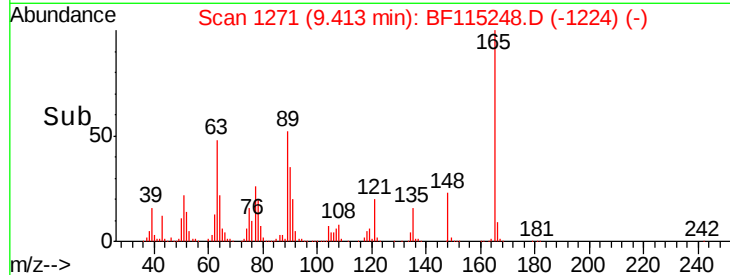
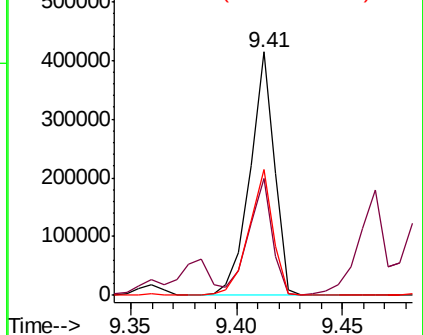
#51
2,6-Dinitrotoluene
Concen: 44.275 ng
RT: 9.41 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tgt Ion:165 Resp: 334020
Ion Ratio Lower Upper
165 100
63 48.1 39.4 59.2
89 51.8 42.0 63.0

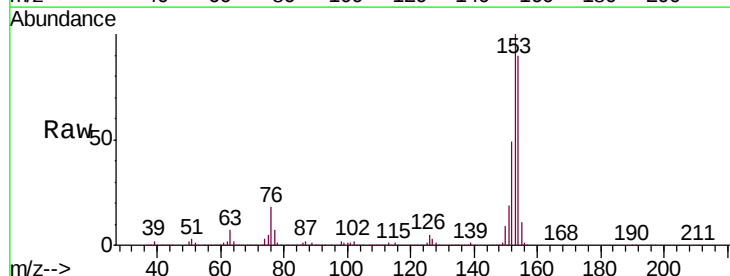


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

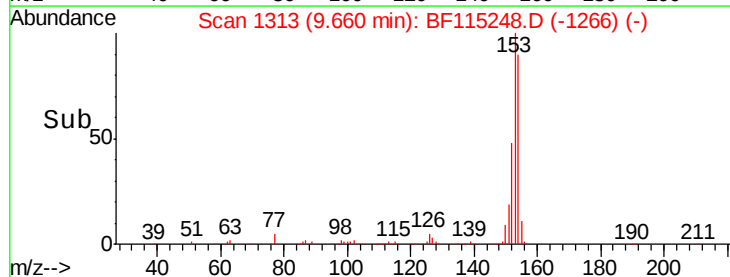
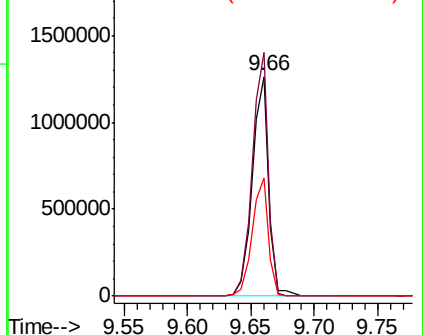


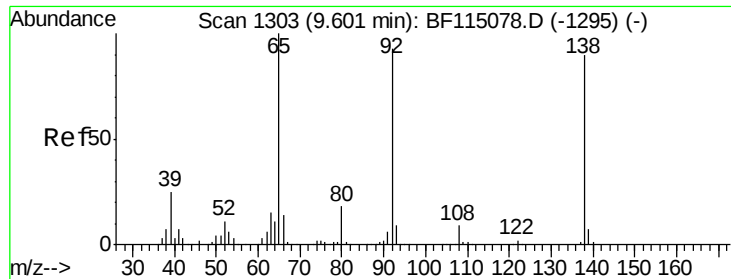
#52
Acenaphthene
Concen: 40.622 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:154 Resp: 1141682
Ion Ratio Lower Upper
154 100
153 111.0 88.7 133.1
152 53.9 42.6 64.0



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

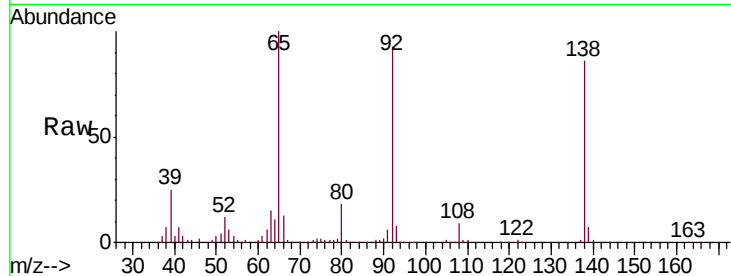




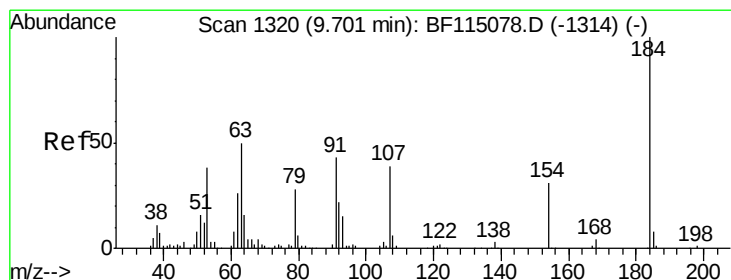
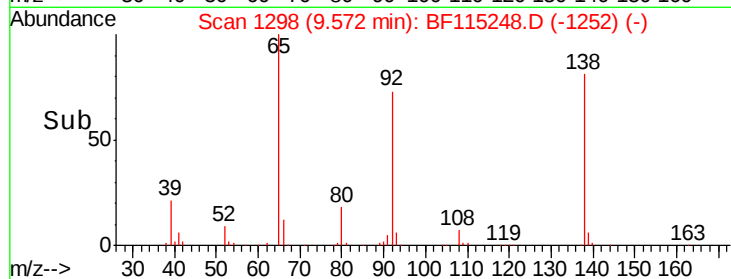
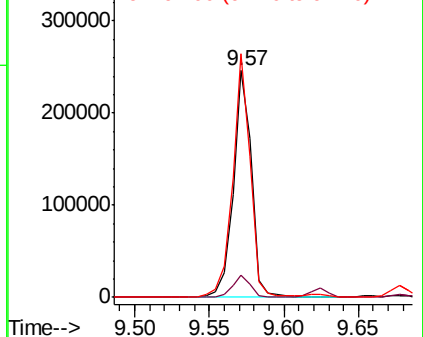
#53
3-Nitroaniline
Concen: 22.874 ng
RT: 9.57 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:138 Resp: 210593
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 107.4 82.9 124.3

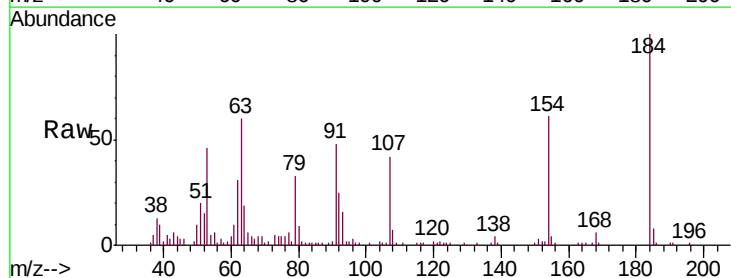


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

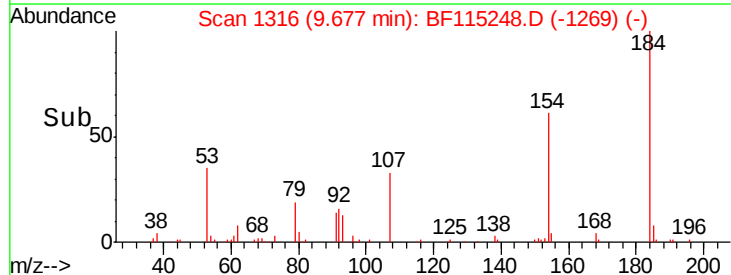
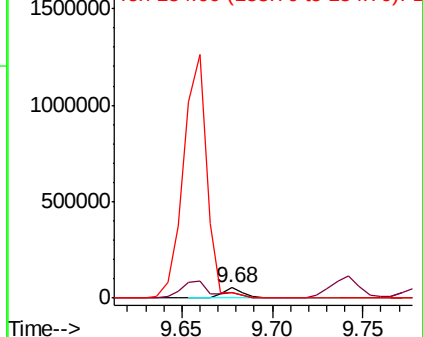


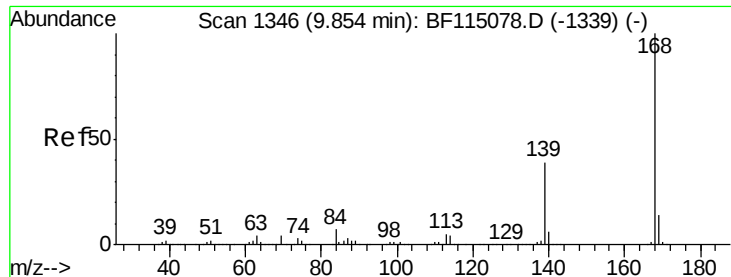
#54
2,4-Dinitrophenol
Concen: 17.294 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:184 Resp: 42530
Ion Ratio Lower Upper
184 100
63 60.1 41.9 62.9
154 61.0 44.7 67.1



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





#55

Dibenzofuran

Concen: 42.206 ng

RT: 9.83 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

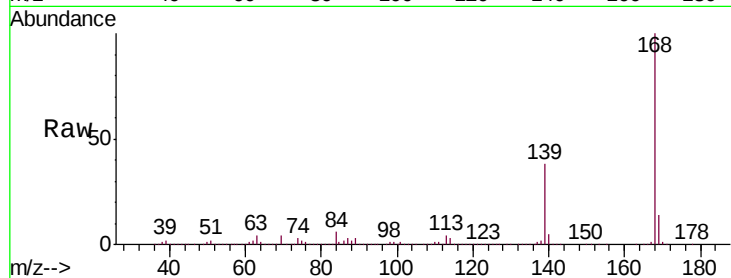
Tgt Ion:168 Resp: 1702544

Ion Ratio Lower Upper

168 100

139 38.3 31.1 46.7

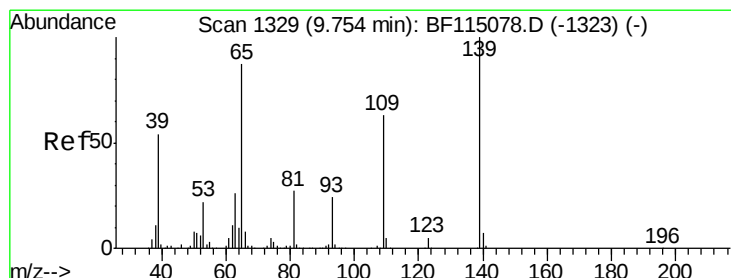
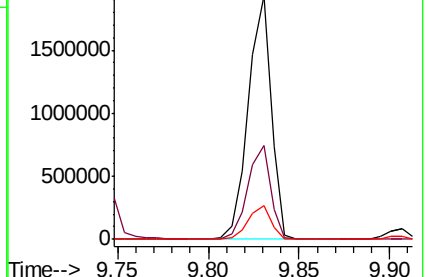
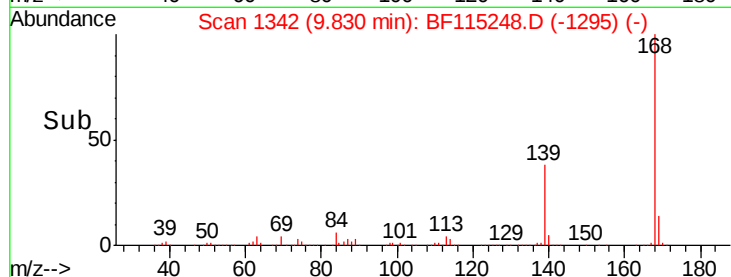
169 14.0 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.309 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

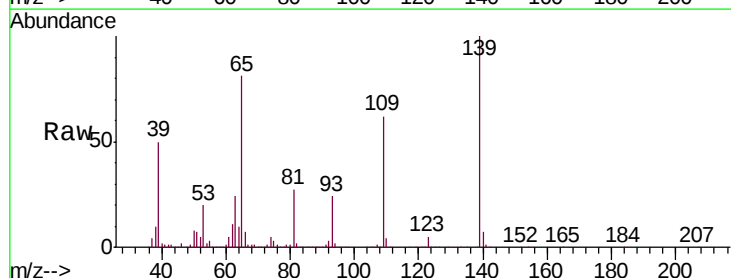
Tgt Ion:139 Resp: 526319

Ion Ratio Lower Upper

139 100

109 62.1 43.0 83.0

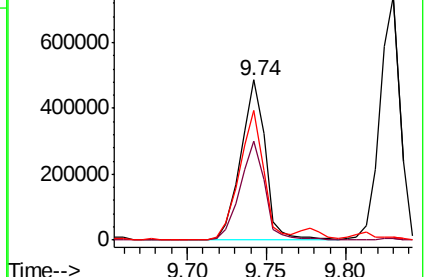
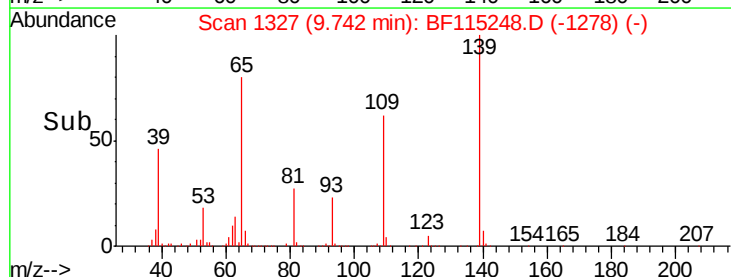
65 80.9 67.0 107.0

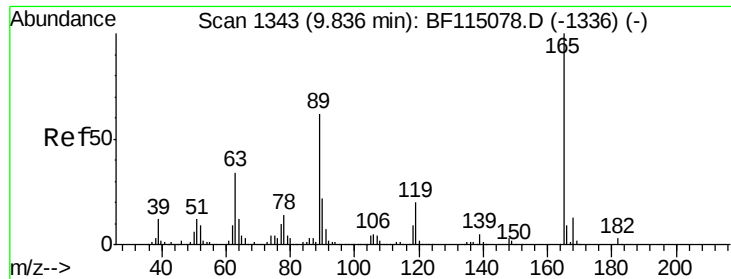


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

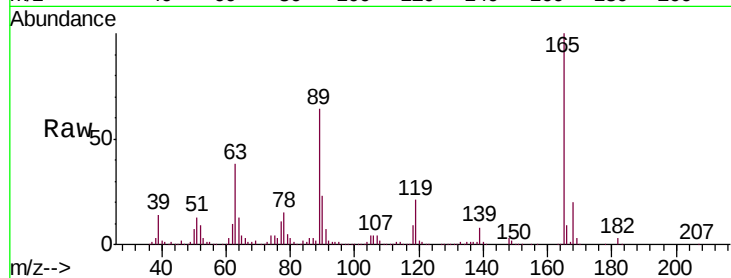




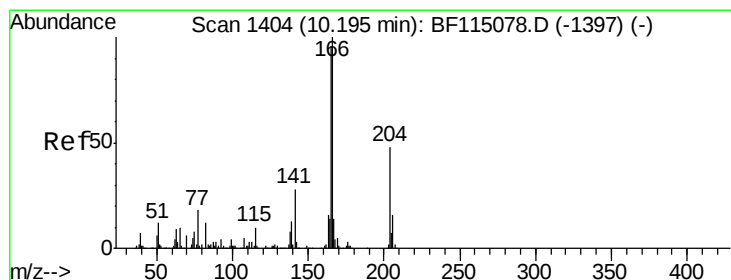
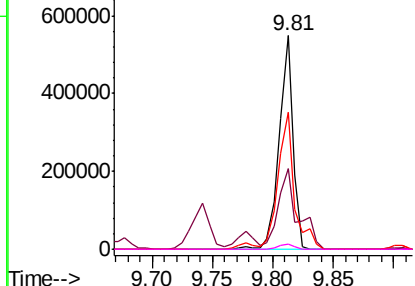
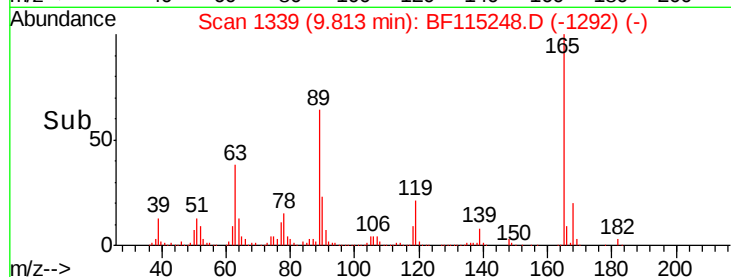
#57
2,4-Dinitrotoluene
Concen: 45.230 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:165 Resp: 440594
Ion Ratio Lower Upper
165 100
63 37.7 27.5 41.3
89 64.3 49.9 74.9
182 2.6 2.1 3.1

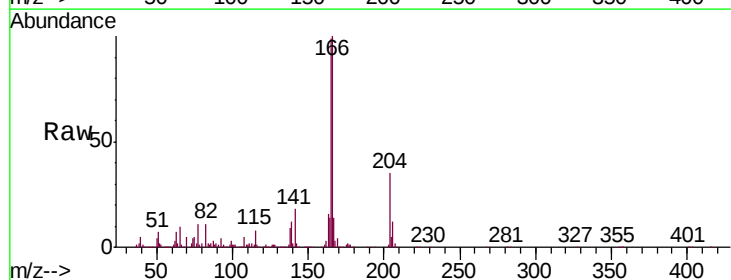


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

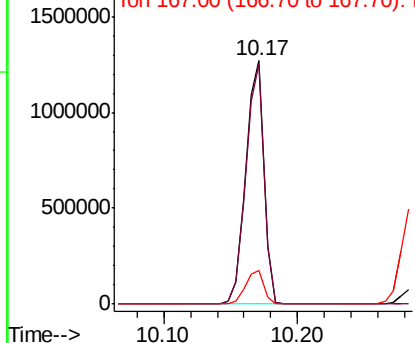
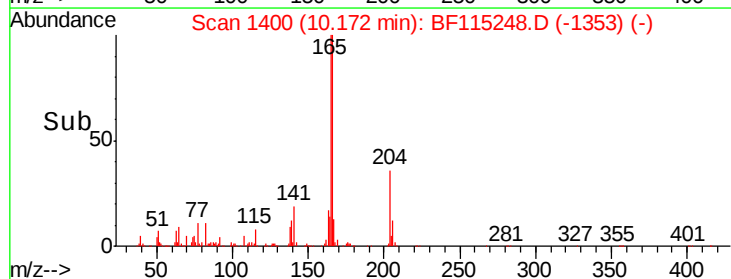


#58
Fluorene
Concen: 43.945 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:166 Resp: 1184394
Ion Ratio Lower Upper
166 100
165 98.5 76.5 114.7
167 13.7 11.0 16.4



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

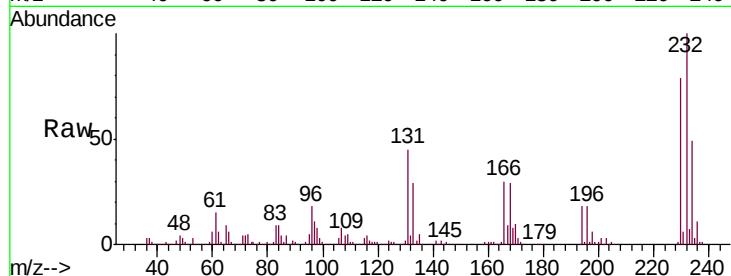




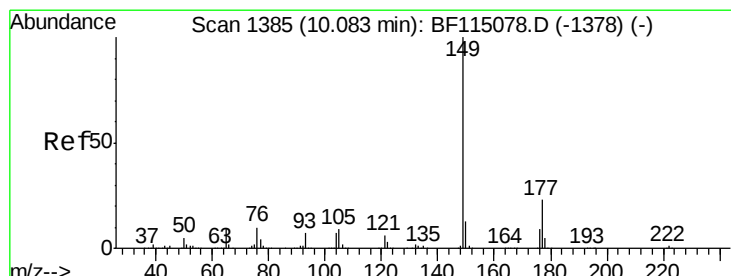
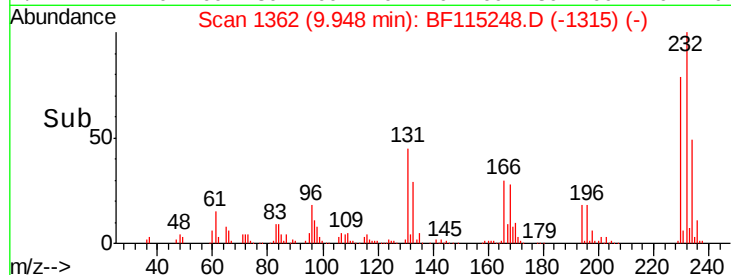
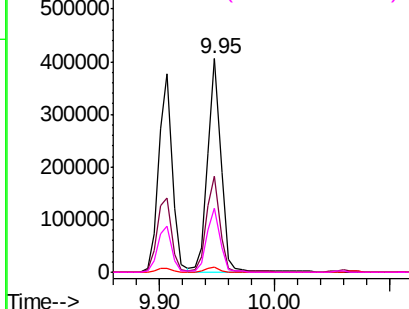
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.084 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Tgt Ion:	232	Resp:	327035
Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.4	56.0
130	2.3	1.8	2.6
166	30.2	24.6	36.8

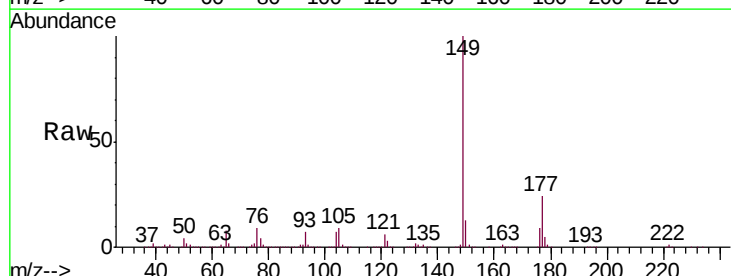


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

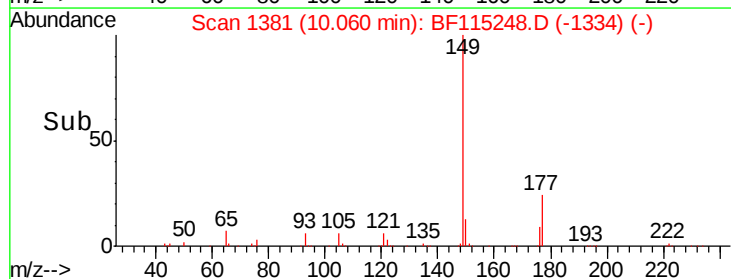
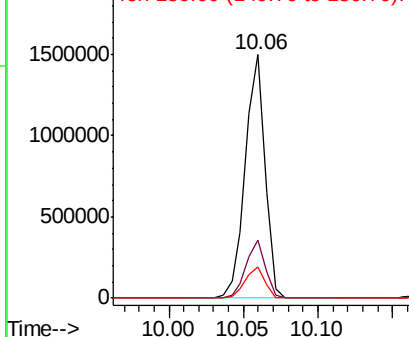


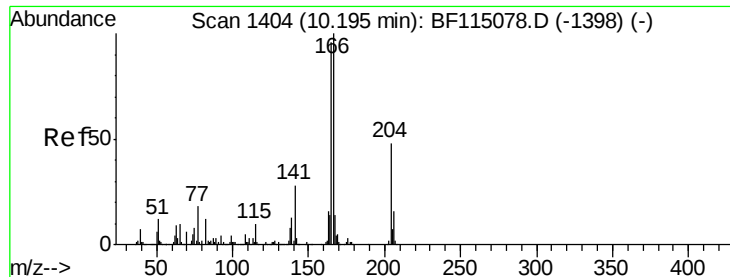
#60
 Diethylphthalate
 Concen: 41.778 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.02 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:	149	Resp:	1372308
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	13.0	10.4	15.6



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





#61

4-Chlorophenyl-phenylether

Concen: 45.180 ng

RT: 10.17 min Scan# 1399

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

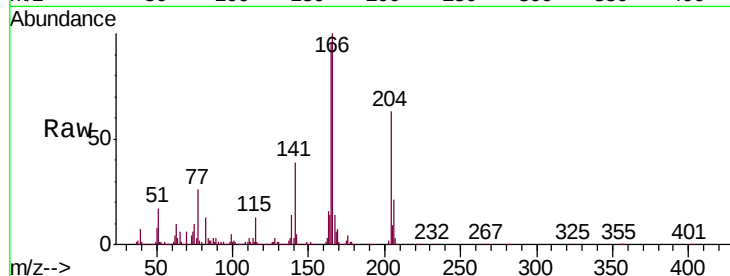
Tgt Ion:204 Resp: 576282

Ion Ratio Lower Upper

204 100

206 33.4 26.6 40.0

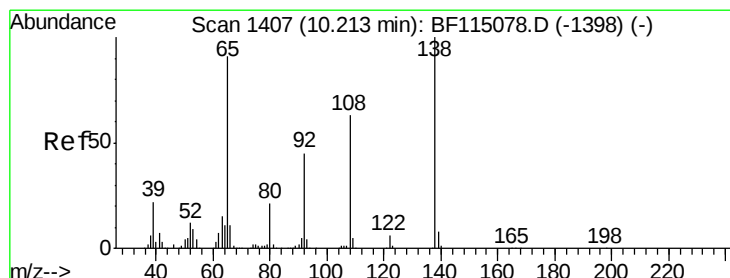
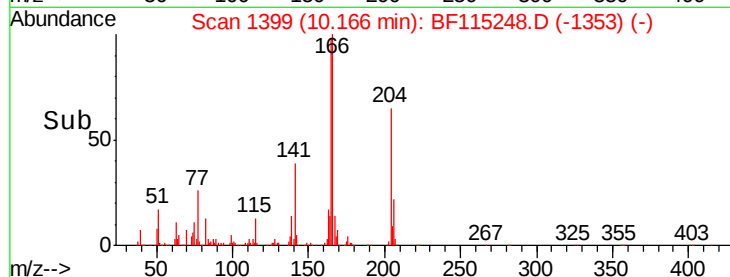
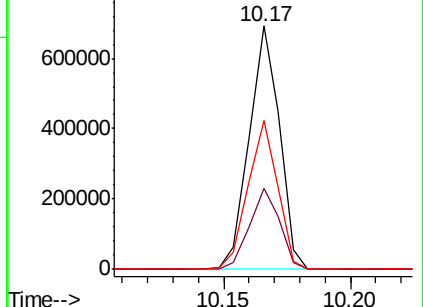
141 61.1 46.7 70.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.189 ng

RT: 10.18 min Scan# 1402

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

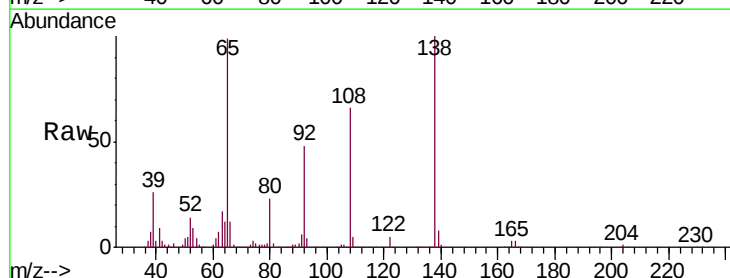
Tgt Ion:138 Resp: 389652

Ion Ratio Lower Upper

138 100

92 47.7 24.8 64.8

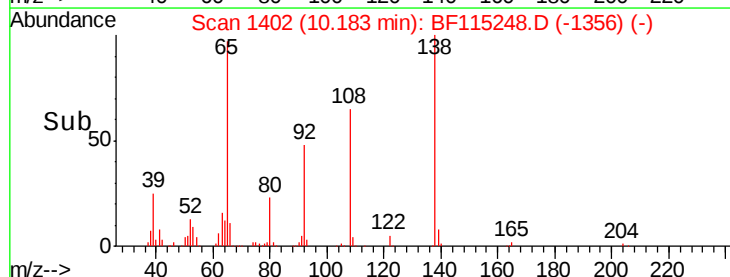
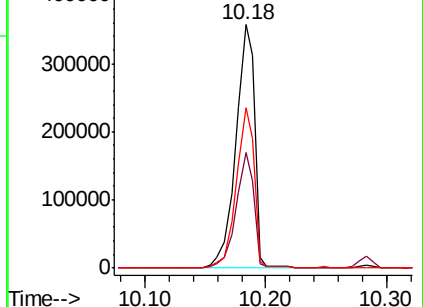
108 65.8 43.3 83.3

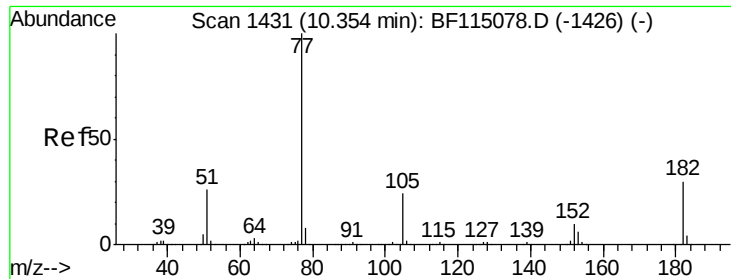


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

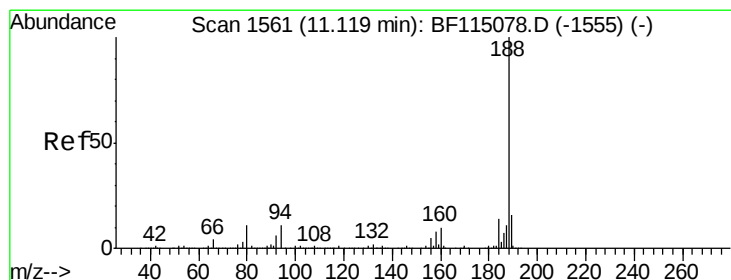
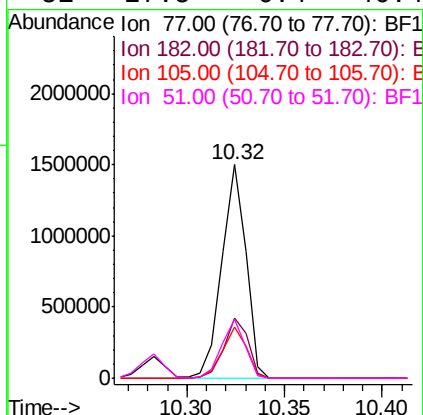
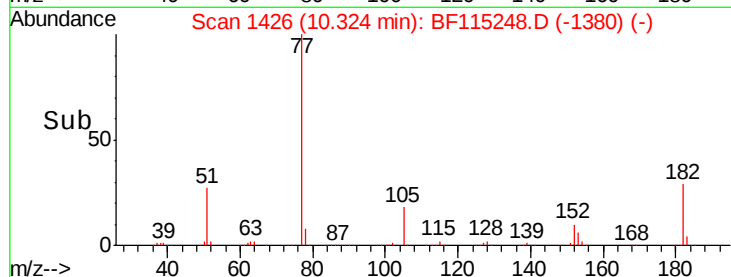
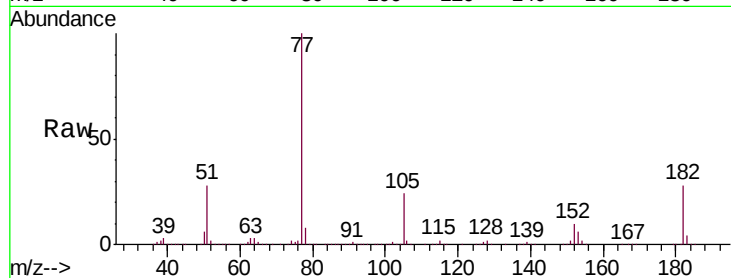




#63
Azobenzene
Concen: 41.731 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

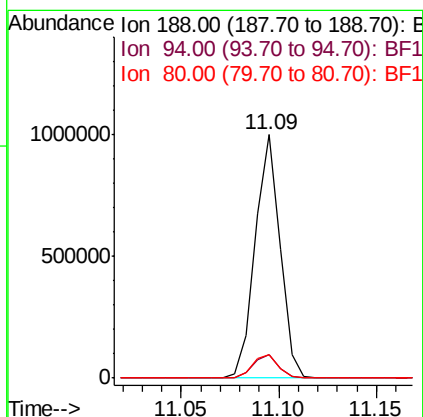
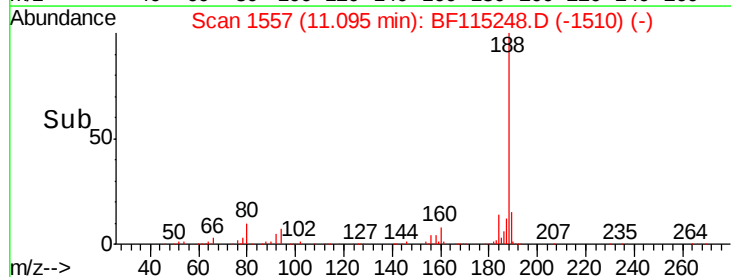
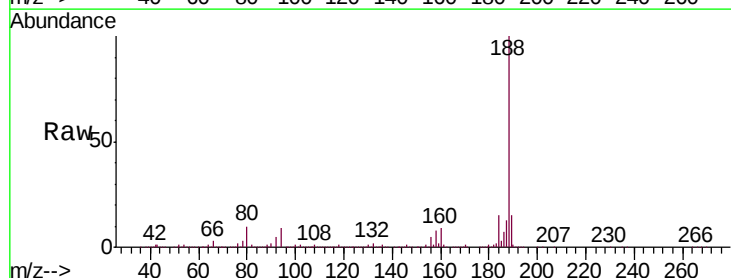
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion: 77 Resp: 1280338
Ion Ratio Lower Upper
77 100
182 28.1 10.1 50.1
105 24.1 4.5 44.5
51 27.5 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion: 188 Resp: 880008
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 9.8 8.8 13.2

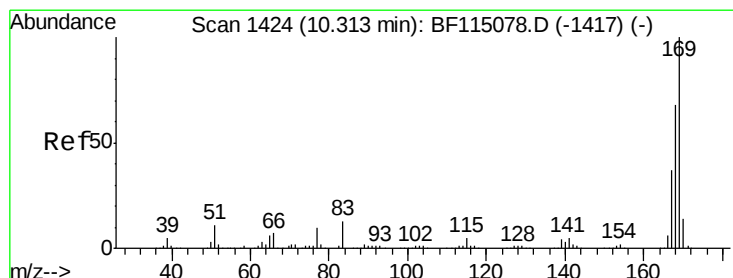
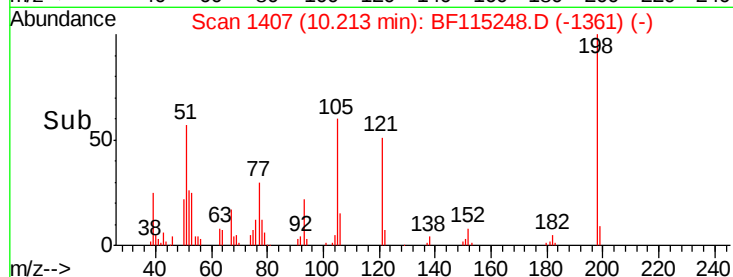
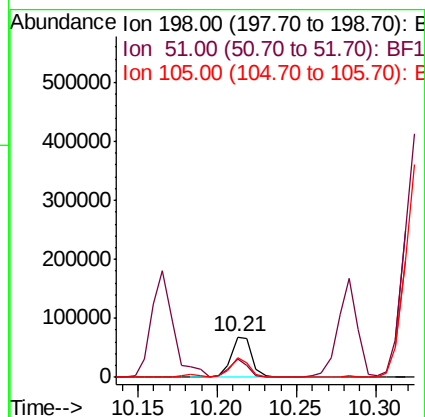
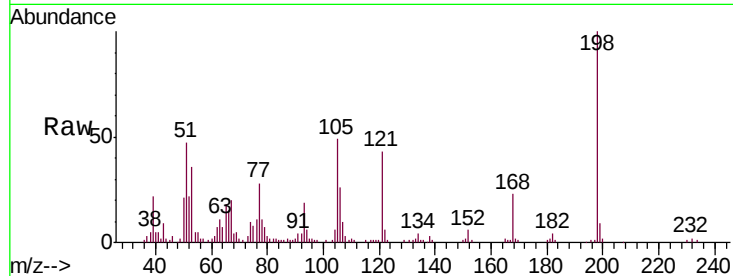




#65
4,6-Dinitro-2-methylphenol
Concen: 17.017 ng
RT: 10.21 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

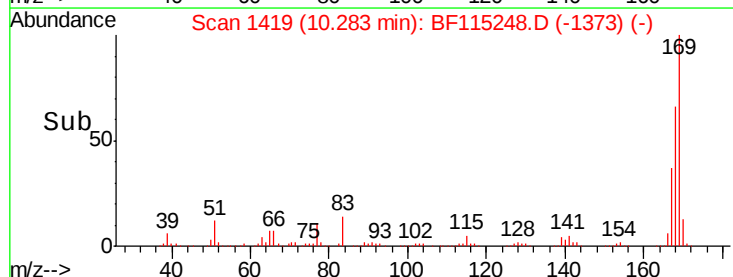
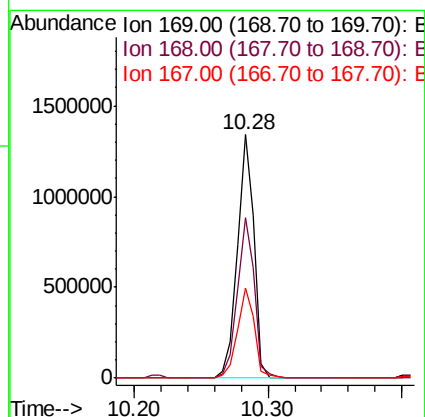
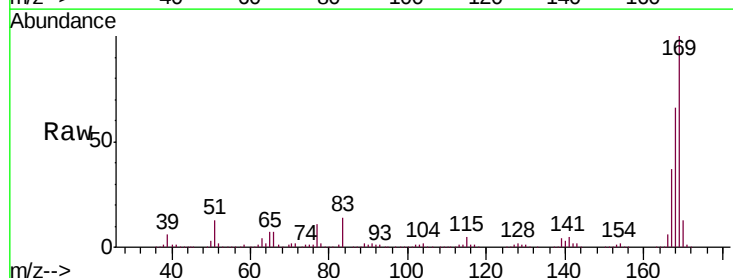
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

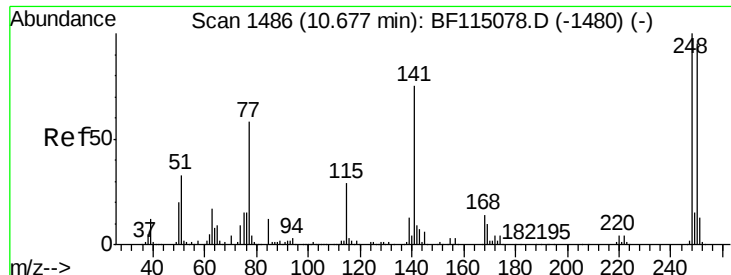
Tgt Ion:198 Resp: 62961
Ion Ratio Lower Upper
198 100
51 47.1 11.0 51.0
105 49.3 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 42.650 ng
RT: 10.28 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:169 Resp: 1169317
Ion Ratio Lower Upper
169 100
168 66.1 54.2 81.4
167 36.8 29.4 44.0

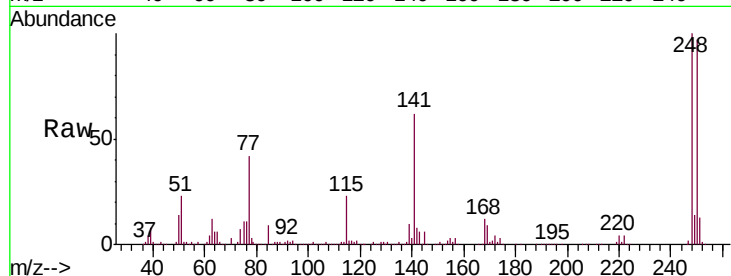




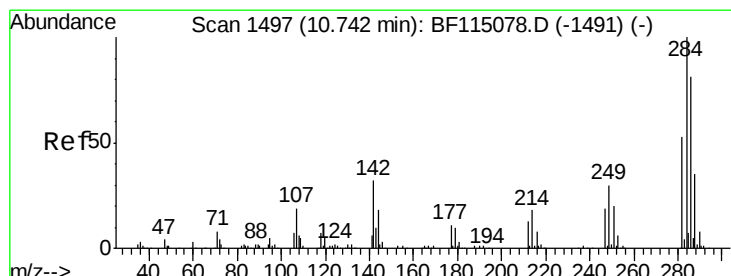
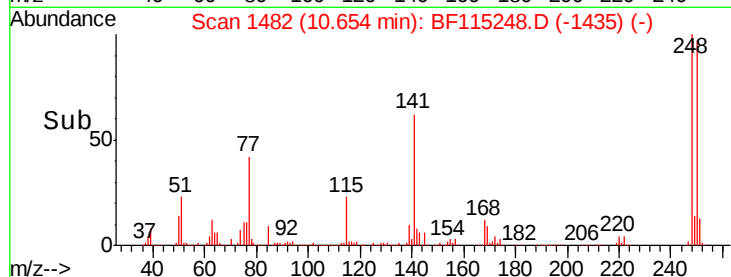
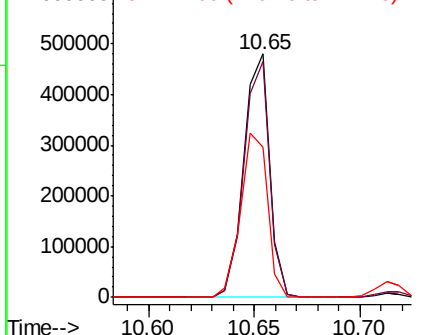
#67
 4-Bromophenyl-phenylether
 Concen: 42.695 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:248 Resp: 407357
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.2 114.2
 141 61.9 59.6 89.4

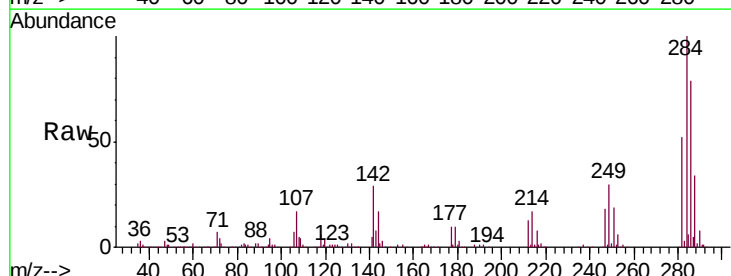


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

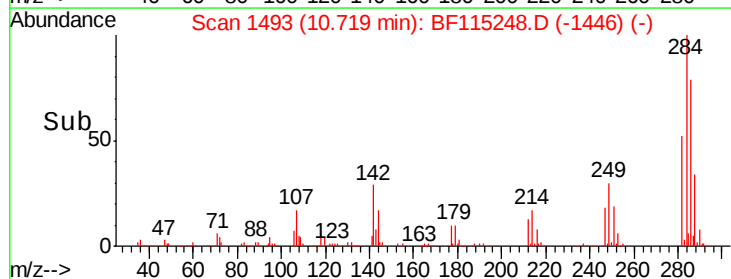
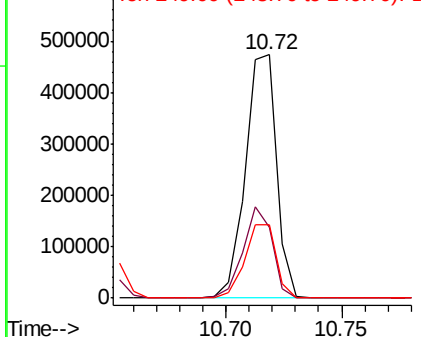


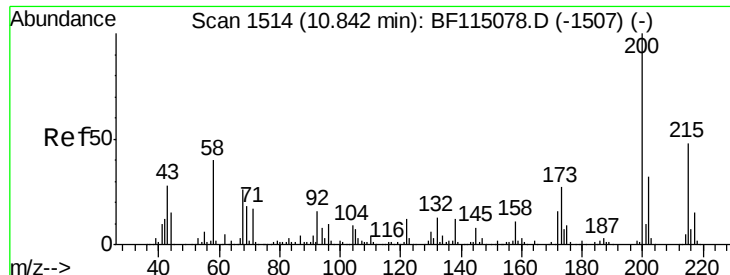
#68
 Hexachlorobenzene
 Concen: 43.310 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. -0.02 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:284 Resp: 448526
 Ion Ratio Lower Upper
 284 100
 142 29.1 25.8 38.8
 249 29.9 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

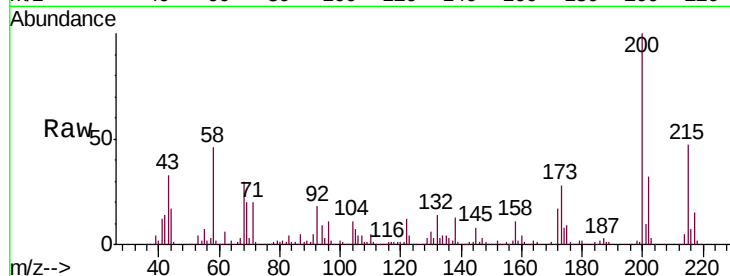




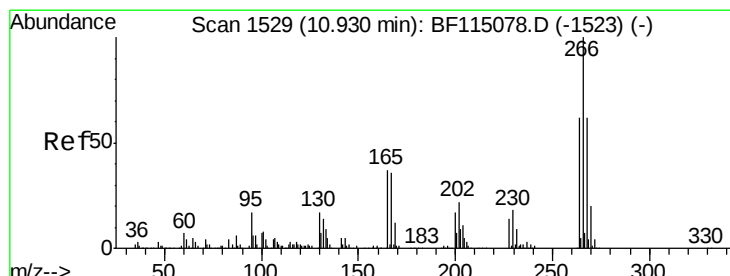
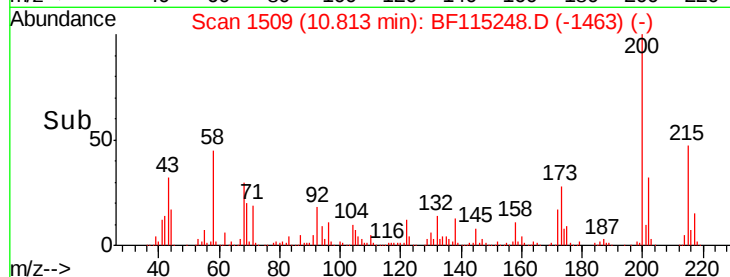
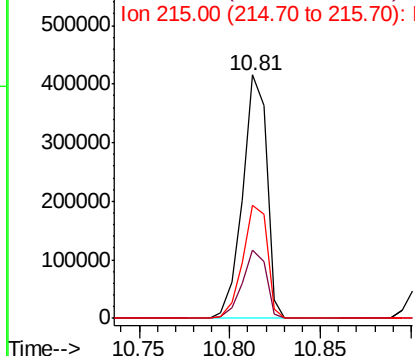
#69
Atrazine
Concen: 43.372 ng
RT: 10.81 min Scan# 1509
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.4	47.4
215	46.7	27.8	67.8

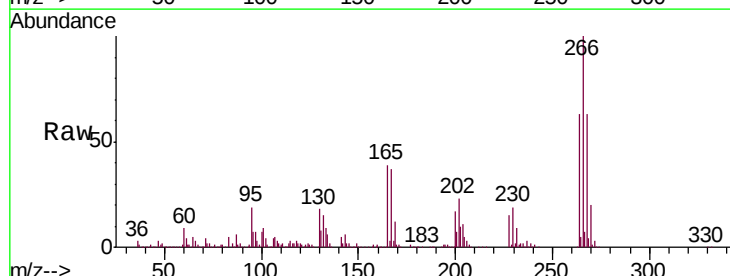


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

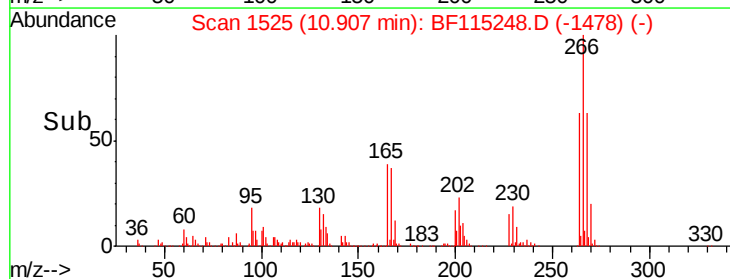
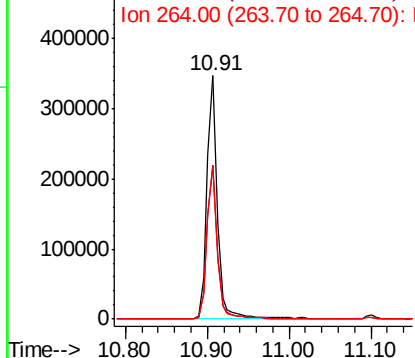


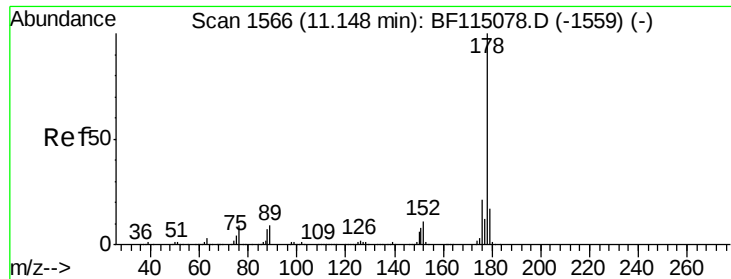
#70
Pentachlorophenol
Concen: 47.239 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.5	74.3
264	62.5	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

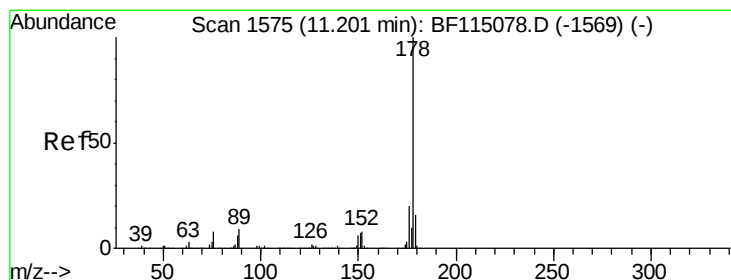
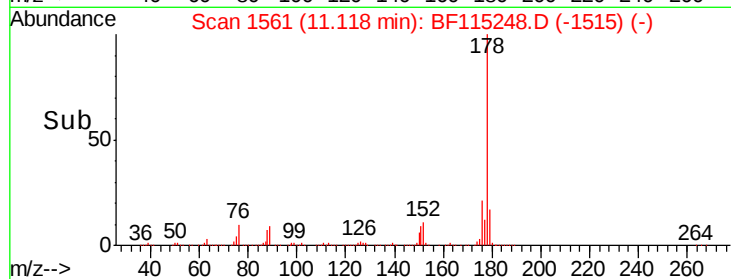
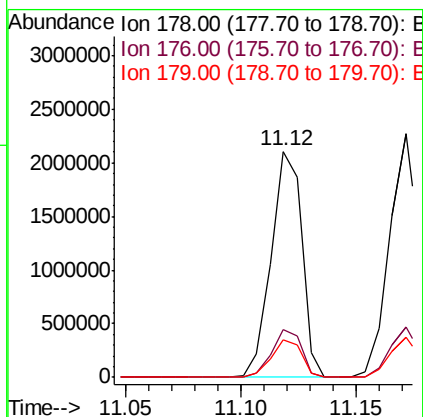
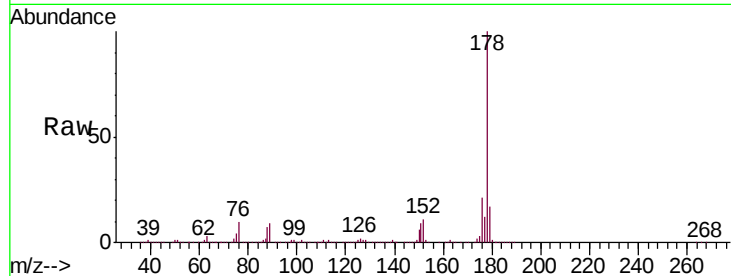




#71
Phenanthrene
Concen: 41.146 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

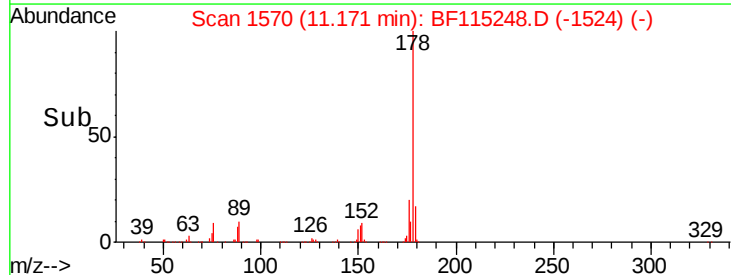
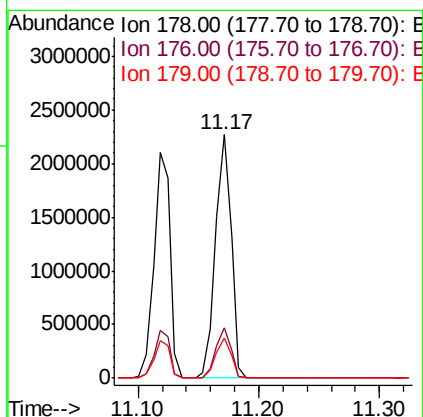
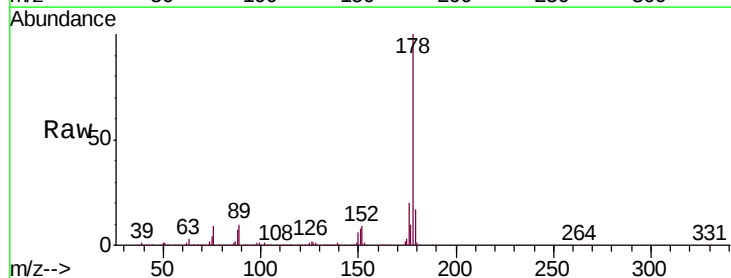
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:178 Resp: 1949542
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.7 13.2 19.8



#72
Anthracene
Concen: 42.160 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:178 Resp: 2016395
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.6 12.9 19.3

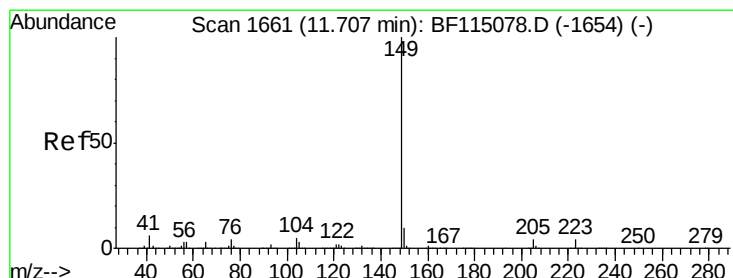
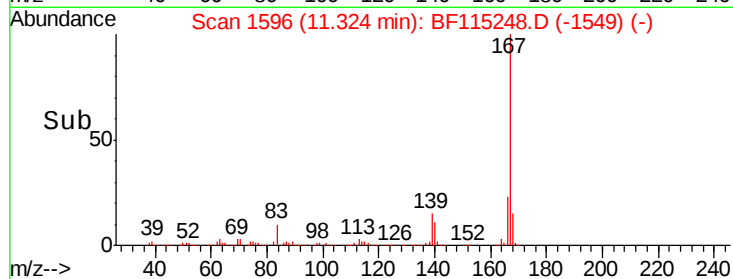
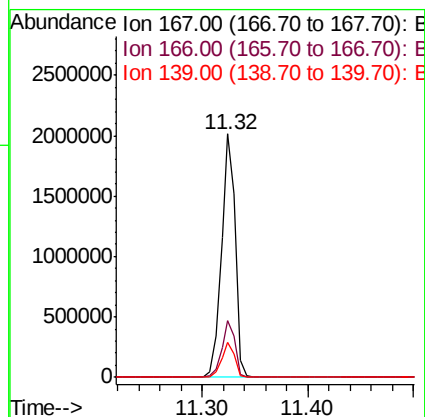
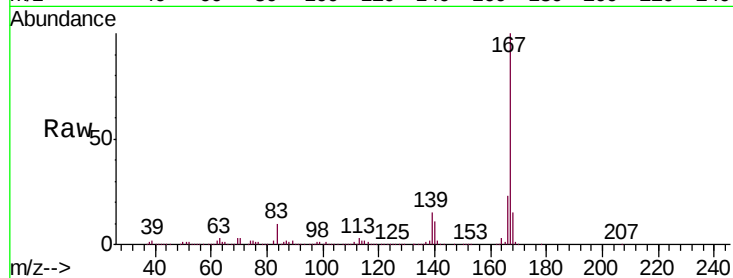




#73
 Carbazole
 Concen: 43.437 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

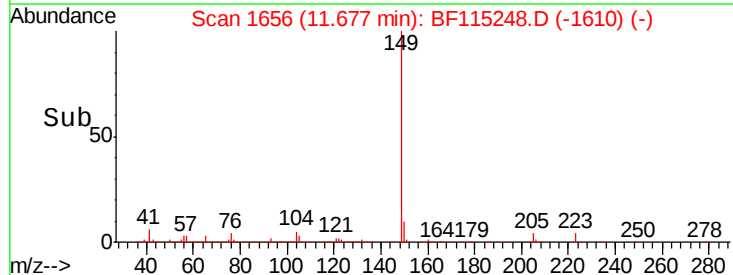
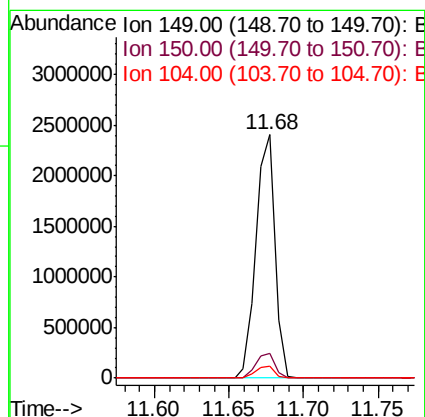
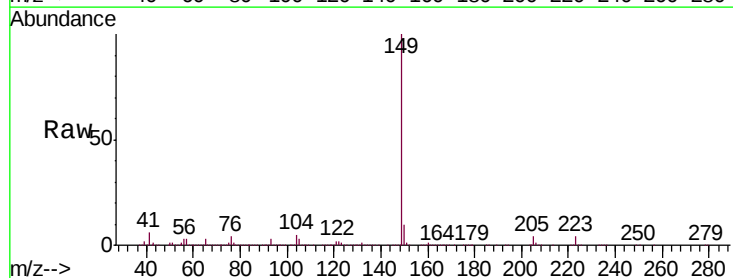
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

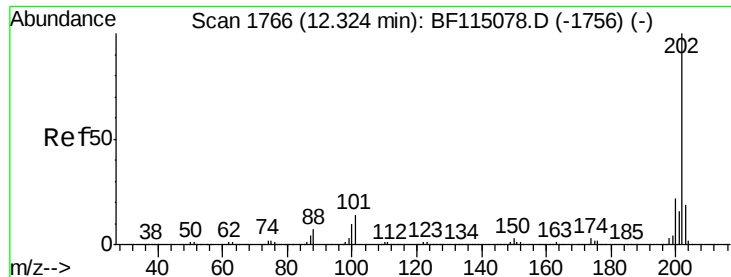
Tgt Ion:167 Resp: 1855116
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 42.490 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF115248.D
 Acq: 27 Jun 2019 21:48

Tgt Ion:149 Resp: 2096944
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.7 3.7 5.5

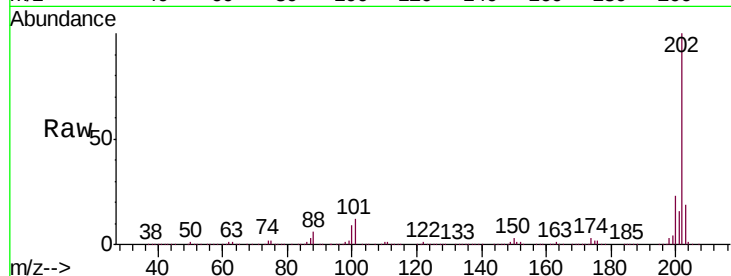




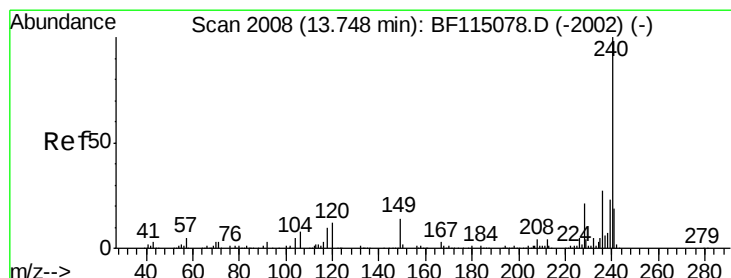
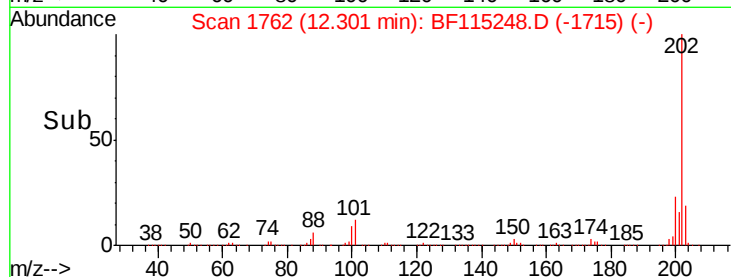
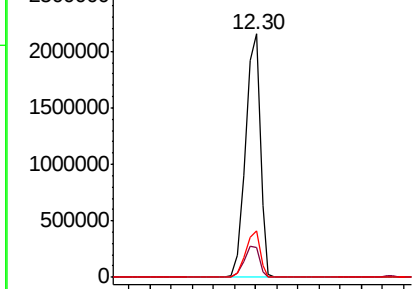
#75
Fluoranthene
Concen: 43.817 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion: 202 Resp: 2071389
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.0
203 18.9 0.0 38.8

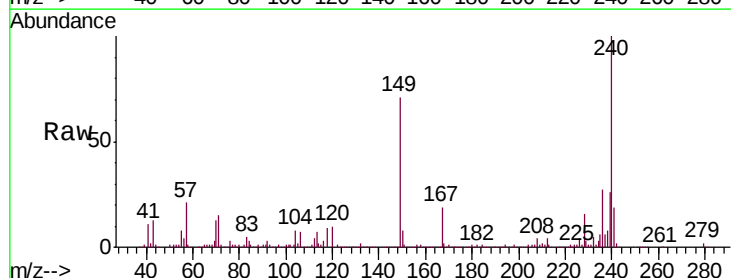


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

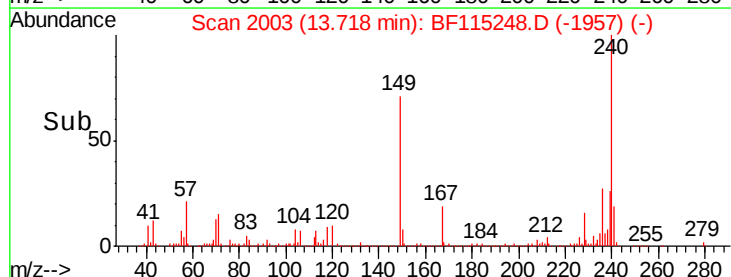
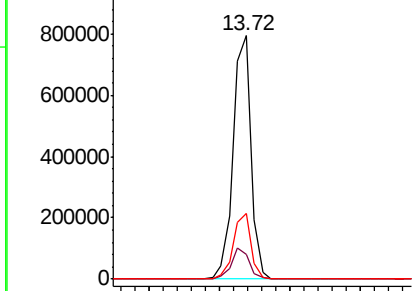


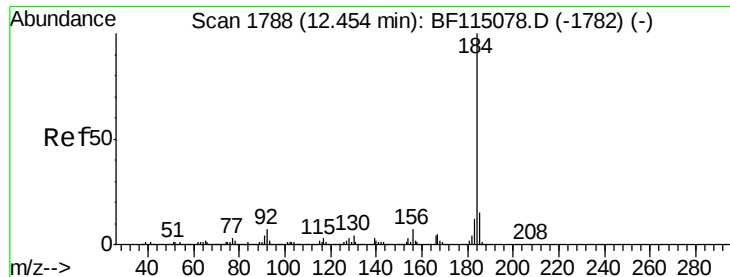
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion: 240 Resp: 698943
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 27.1 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: 27.604 ng

RT: 12.42 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

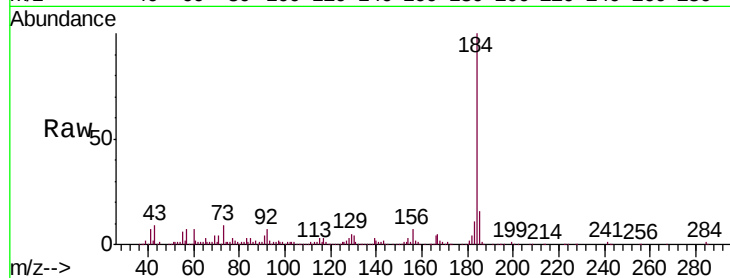
Tgt Ion:184 Resp: 856727

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

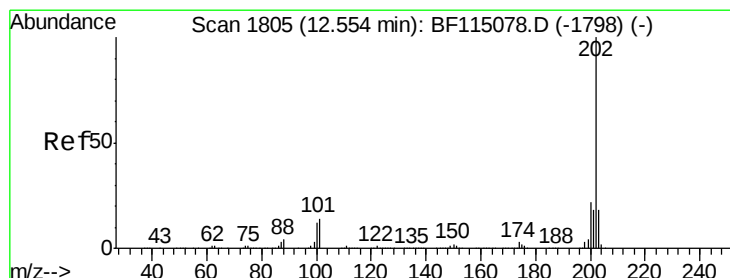
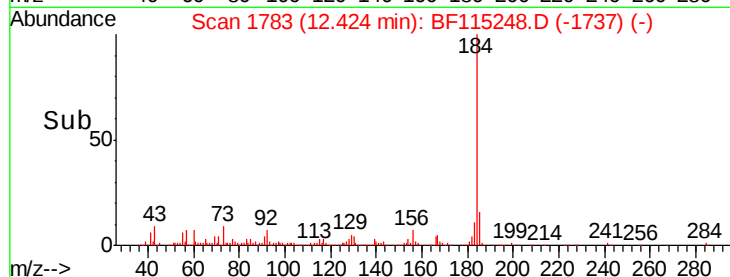
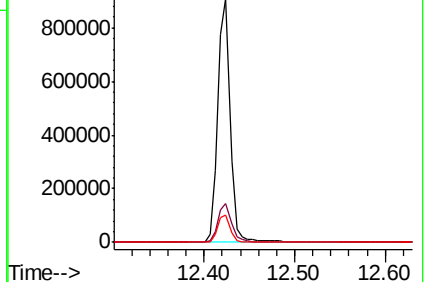
183 11.5 9.6 14.4



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: 39.267 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

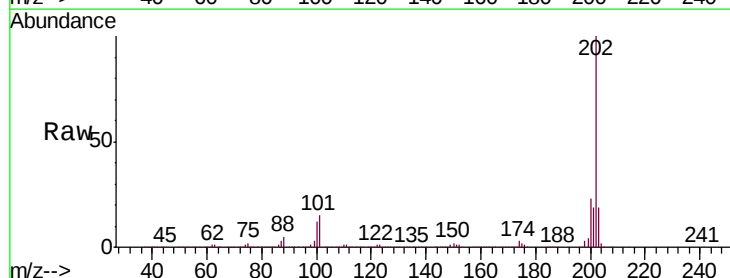
Tgt Ion:202 Resp: 2109208

Ion Ratio Lower Upper

202 100

200 23.0 17.9 26.9

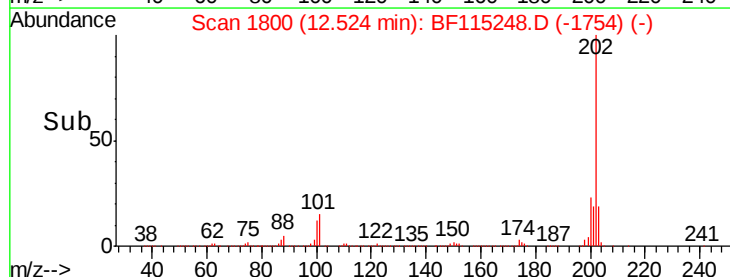
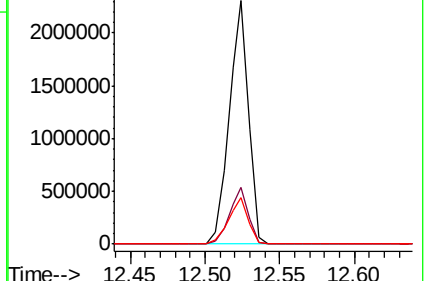
203 19.0 14.6 21.8

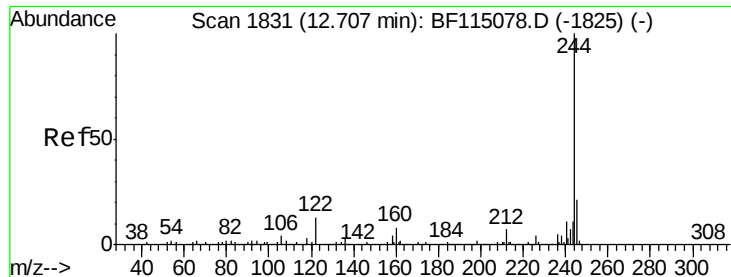


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.727 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPERATOR-SEDIME

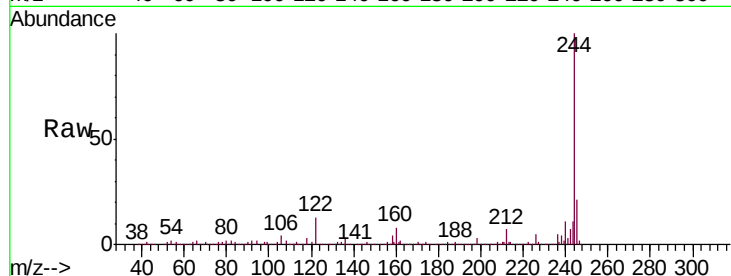
Tgt Ion:244 Resp: 2620910

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

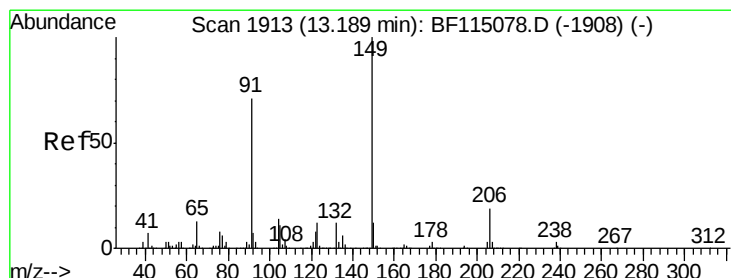
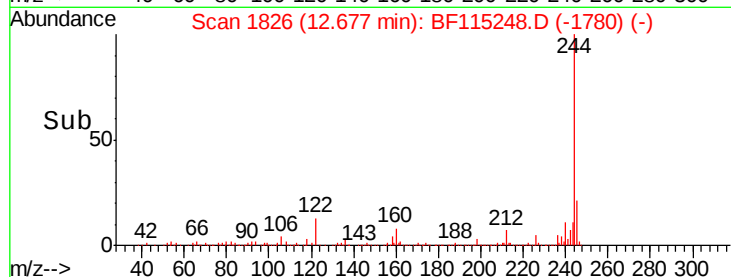
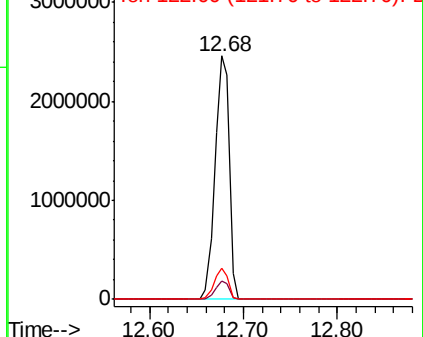
122 12.8 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.605 ng

RT: 13.16 min Scan# 1908

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

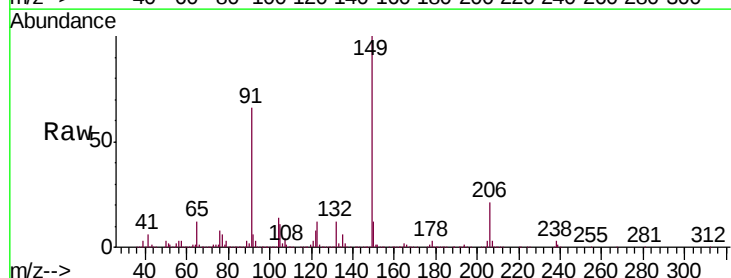
Tgt Ion:149 Resp: 1009935

Ion Ratio Lower Upper

149 100

91 65.6 56.5 84.7

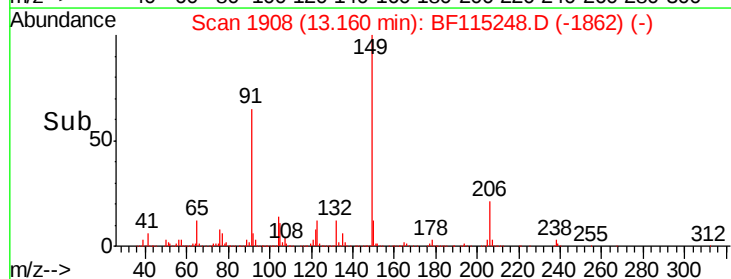
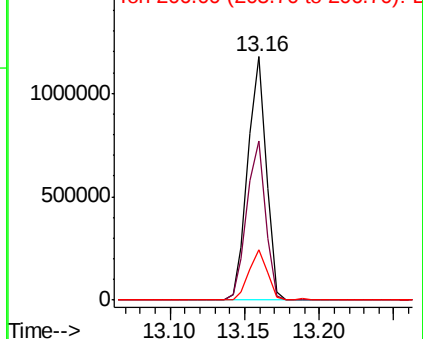
206 20.7 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.790 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIMENT

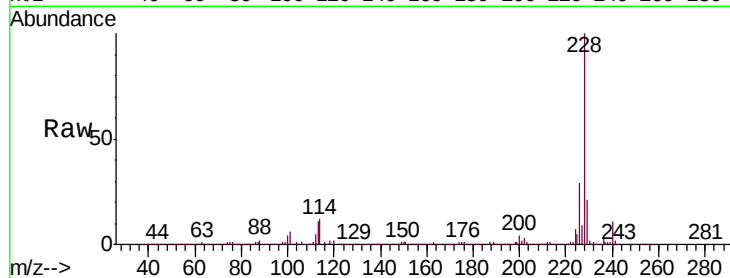
Tgt Ion:228 Resp: 2045703

Ion Ratio Lower Upper

228 100

226 29.0 22.5 33.7

229 21.0 16.6 24.8

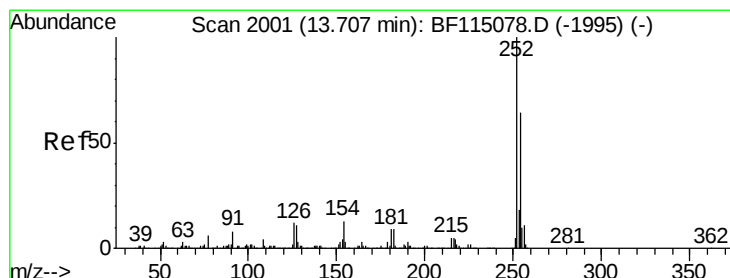
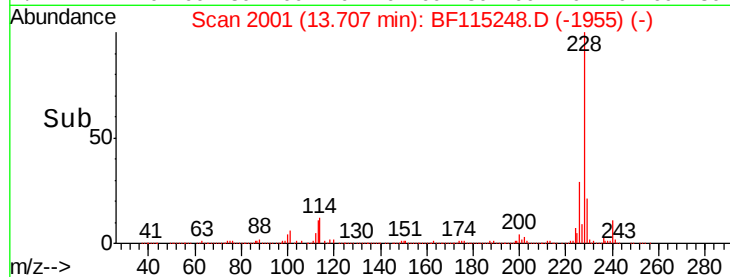
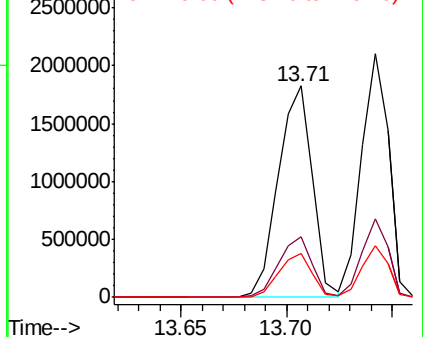


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.878 ng

RT: 13.67 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

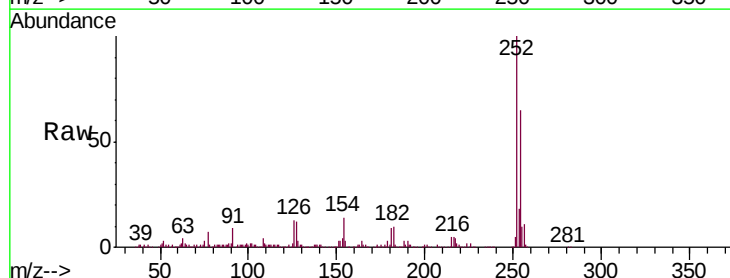
Tgt Ion:252 Resp: 396220

Ion Ratio Lower Upper

252 100

254 65.1 51.1 76.7

126 12.8 9.4 14.0

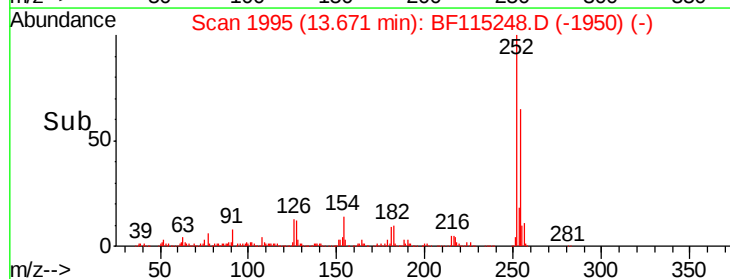
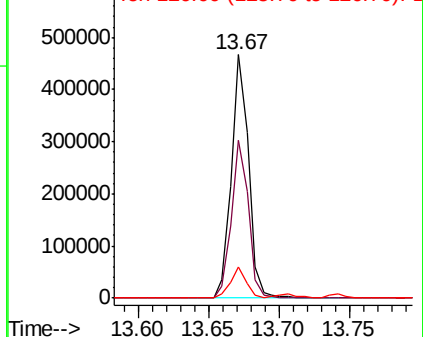


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.479 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

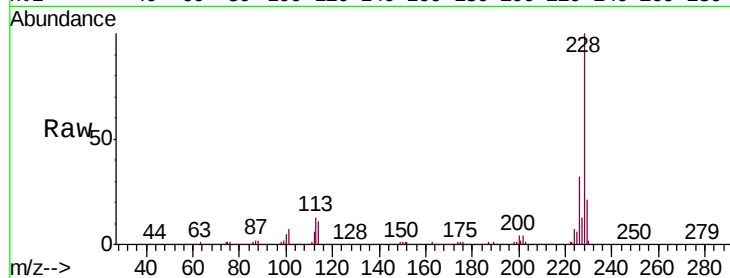
Tgt Ion:228 Resp: 1905528

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

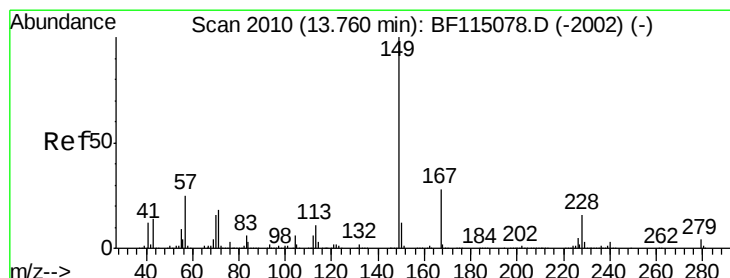
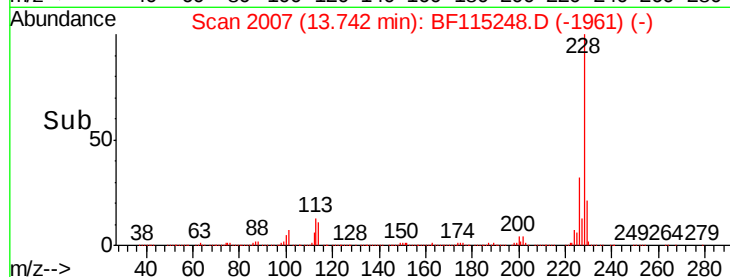
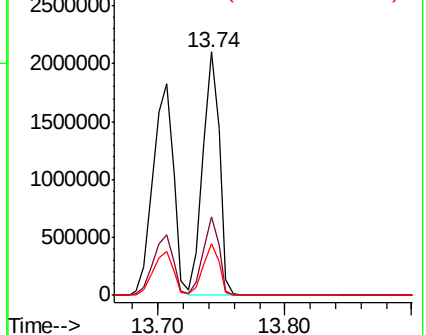
229 21.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.406 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

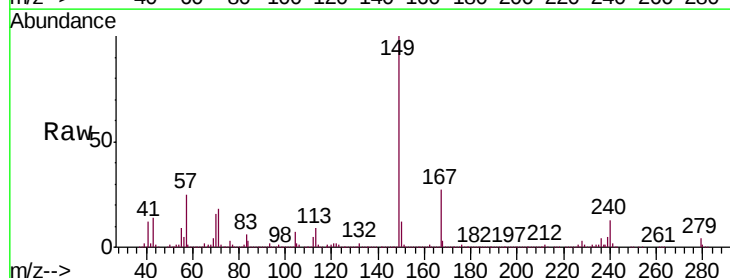
Tgt Ion:149 Resp: 1317144

Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

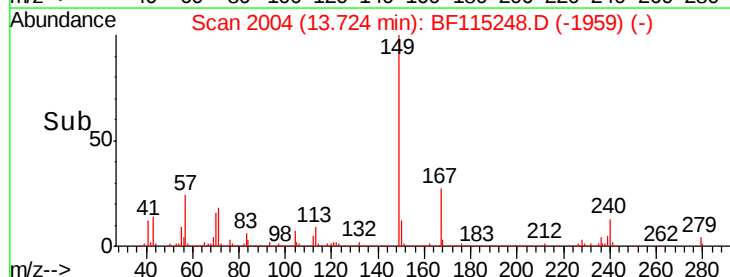
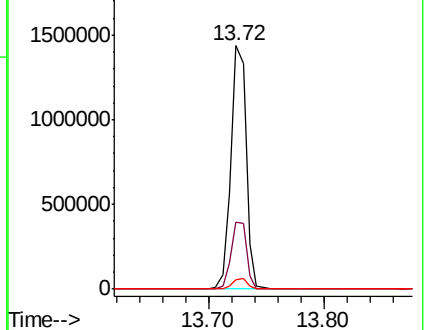
279 3.6 2.9 4.3

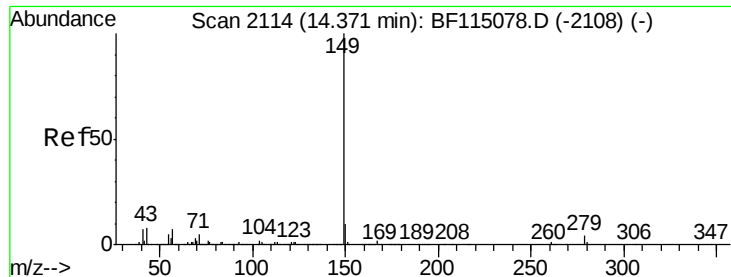


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.096 ng

RT: 14.33 min Scan# 2107

Delta R.T. -0.04 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

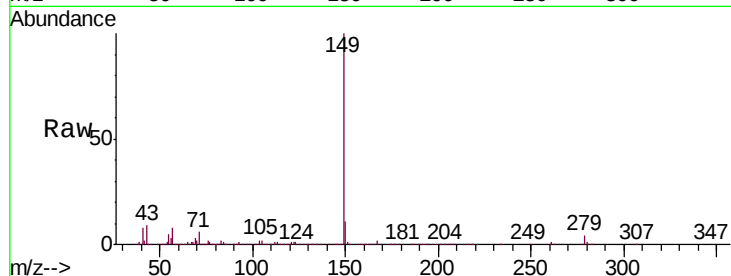
Tgt Ion:149 Resp: 2301256

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.7 7.0 10.6

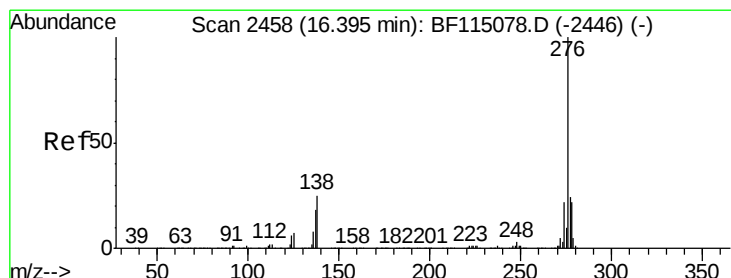
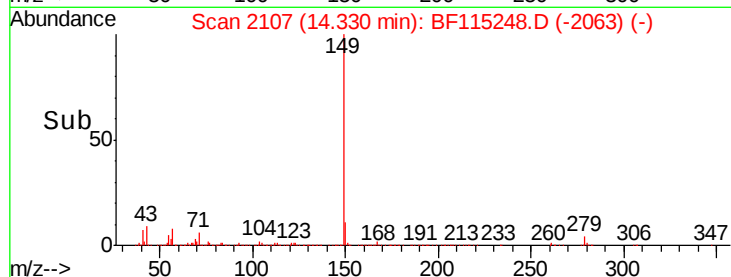
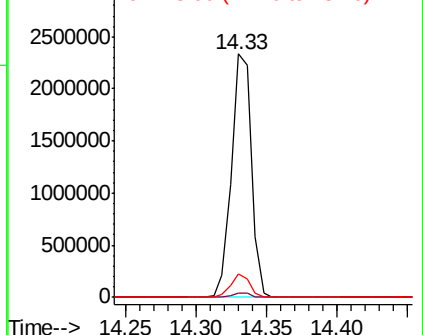


Abundance

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: 39.696 ng

RT: 16.34 min Scan# 2449

Delta R.T. -0.05 min

Lab File: BF115248.D

Acq: 27 Jun 2019 21:48

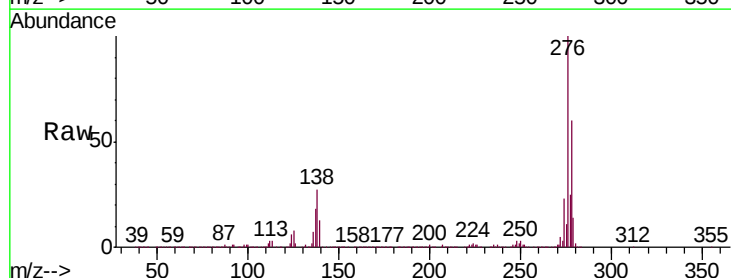
Tgt Ion:276 Resp: 2157910

Ion Ratio Lower Upper

276 100

138 28.2 23.2 34.8

277 25.7 20.1 30.1

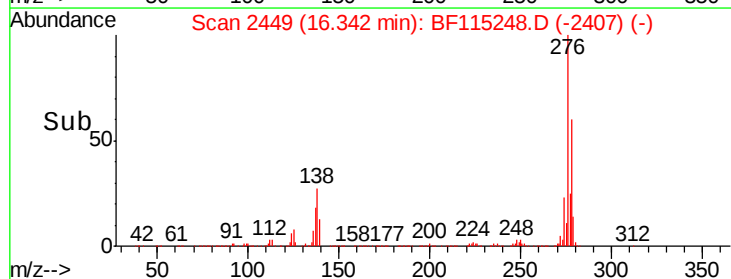
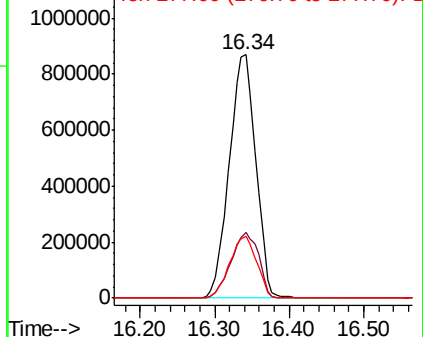


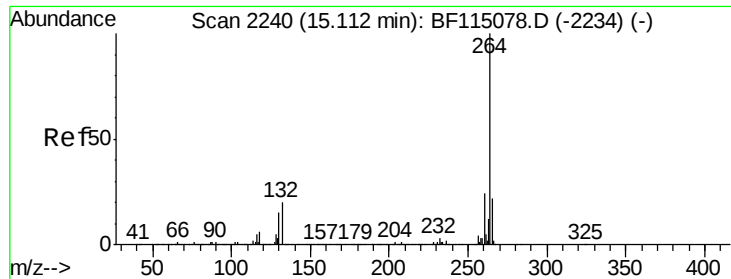
Abundance

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

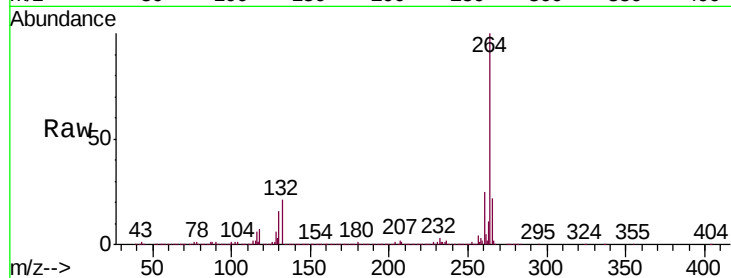




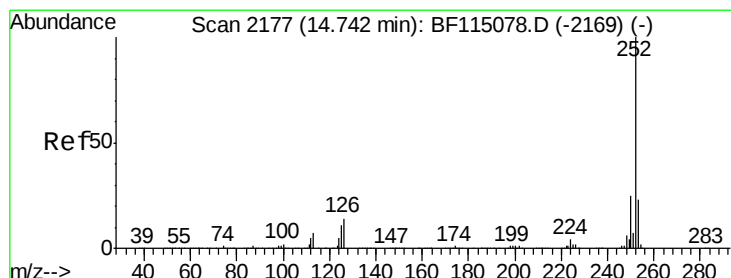
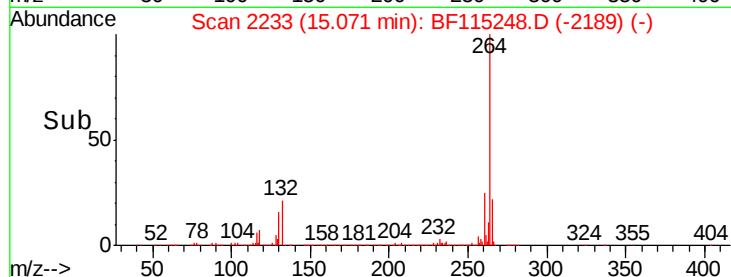
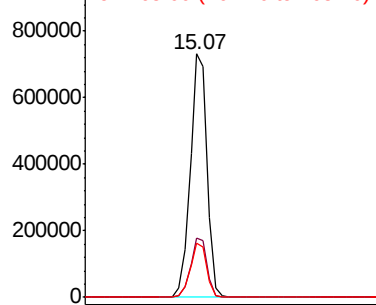
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:264 Resp: 817044
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.5 17.3 25.9

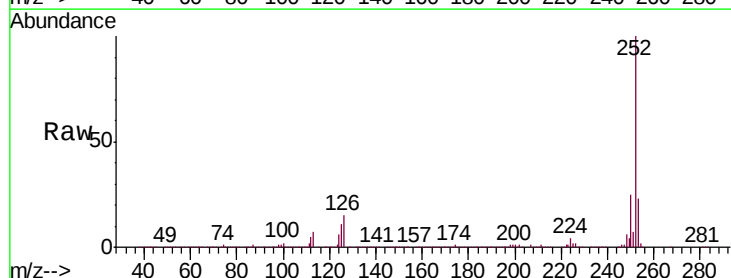


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

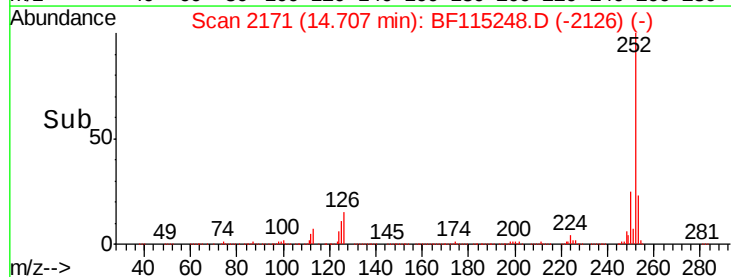
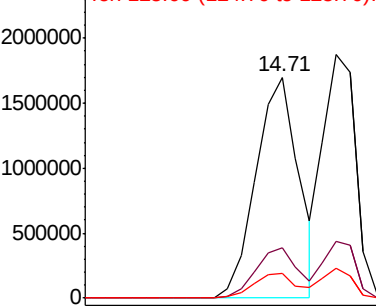


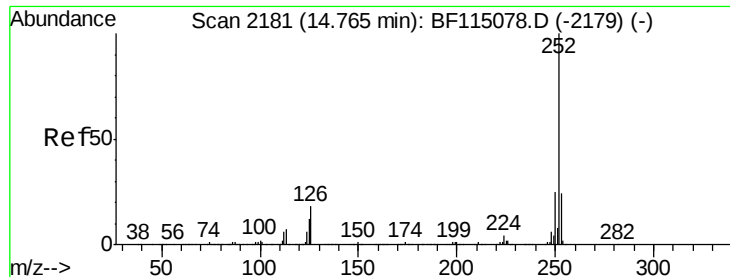
#88
Benzo(b)fluoranthene
Concen: 42.513 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:252 Resp: 2167378
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.0 8.7 13.1



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

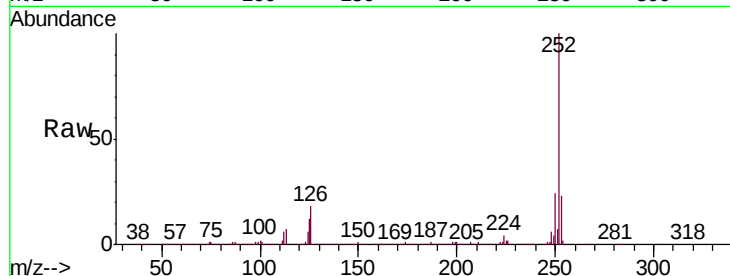




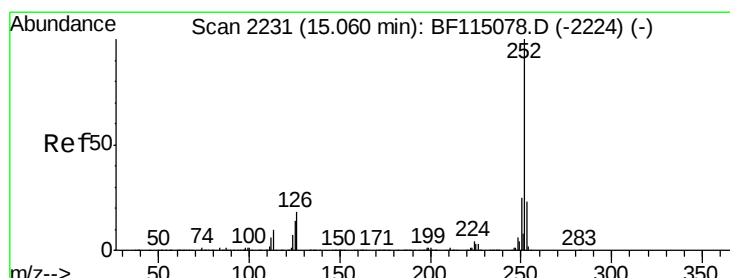
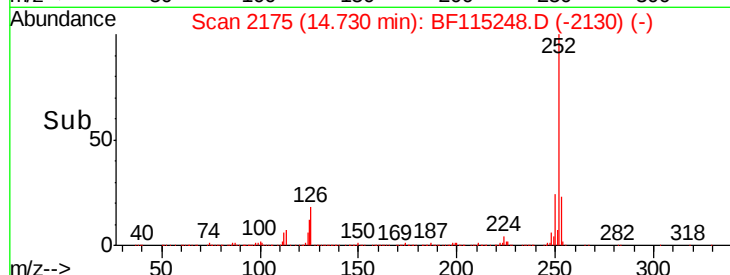
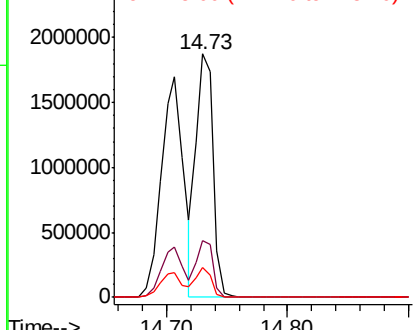
#89
Benzo(k)fluoranthene
Concen: 40.438 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tgt Ion:252 Resp: 1848773
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 12.1 10.2 15.2

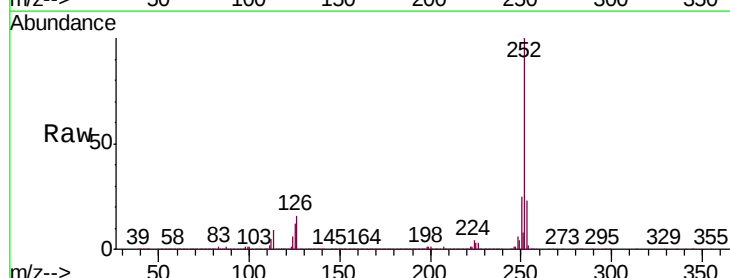


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

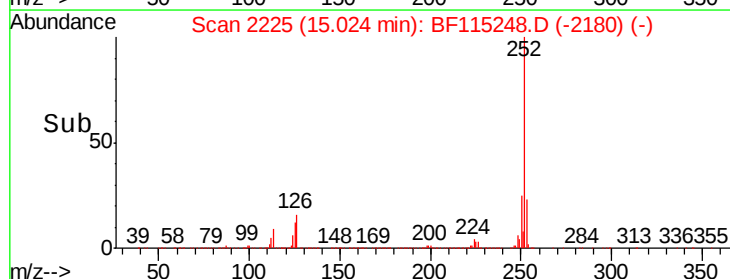
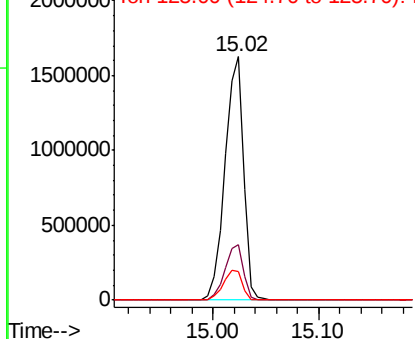


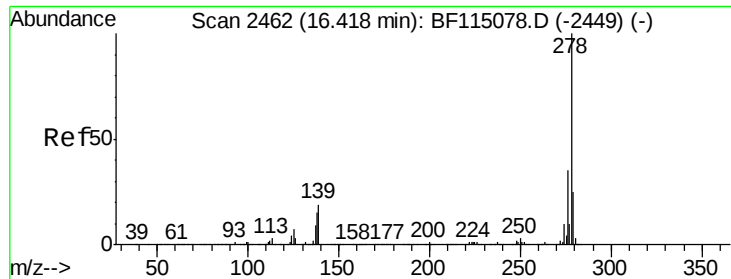
#90
Benzo(a)pyrene
Concen: 43.136 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:252 Resp: 1982094
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 11.7 10.9 16.3



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

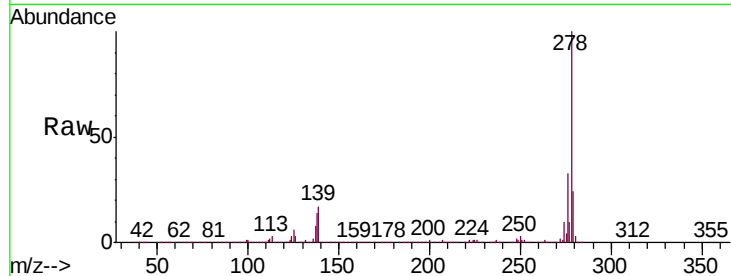




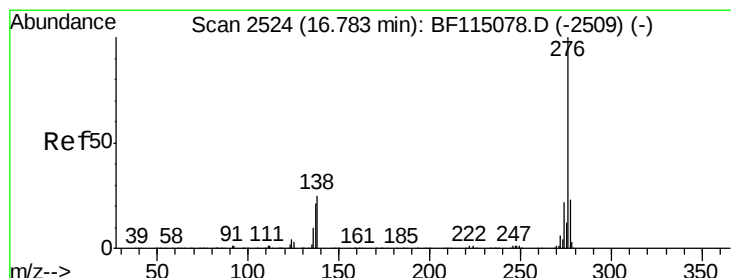
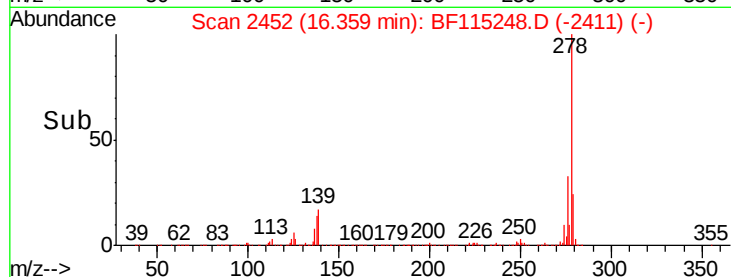
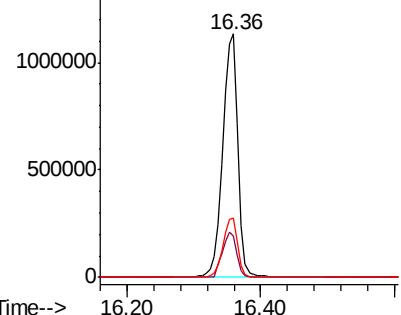
#91
Dibenzo(a,h)anthracene
Concen: 42.302 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.06 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tgt Ion:278 Resp: 1814649
Ion Ratio Lower Upper
278 100
139 17.3 15.4 23.2
279 24.3 19.9 29.9

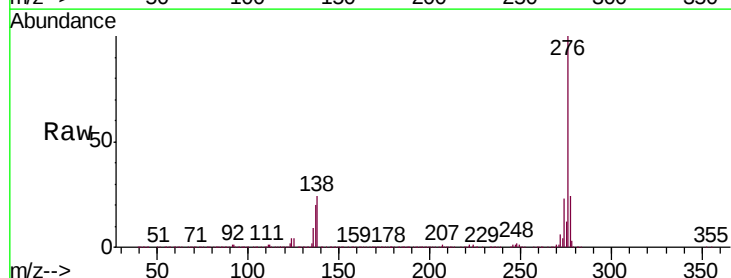


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.733 ng
RT: 16.72 min Scan# 2513
Delta R.T. -0.06 min
Lab File: BF115248.D
Acq: 27 Jun 2019 21:48

Tgt Ion:276 Resp: 1725111
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 24.5 19.8 29.6



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

