

Data File : BF115247.D
Acq On : 27 Jun 2019 21:22
Operator : HP/JU
Sample : K3529-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 28 04:58:54 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	211299	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	808906	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	400314	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	809739	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	614096	20.00	ng	-0.03
87) Perylene-d12	15.07	264	773459	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1542842	112.68	ng	0.00
7) Phenol-d6	6.24	99	1704168	102.54	ng	-0.01
23) Nitrobenzene-d5	7.16	82	1210019	92.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	557224	132.00	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2253818	95.63	ng	-0.02
79) Terphenyl-d14	12.68	244	2590017	89.67	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	218896	33.874	ng	99
3) Pyridine	2.87	79	598279	32.848	ng	98
4) n-Nitrosodimethylamine	2.78	42	259169	36.297	ng	95
6) Aniline	6.26	93	508246	22.251	ng	# 1
8) 2-Chlorophenol	6.38	128	572088	37.157	ng	100
9) Benzaldehyde	6.14	77	386410	35.638	ng	99
10) Phenol	6.26	94	993920	51.055	ng	99
11) bis(2-Chloroethyl)ether	6.34	93	552646	38.511	ng	98
12) 1,3-Dichlorobenzene	6.54	146	659650	38.605	ng	98
13) 1,4-Dichlorobenzene	6.61	146	667215	38.939	ng	99
14) 1,2-Dichlorobenzene	6.77	146	615211	38.771	ng	98
15) Benzyl Alcohol	6.75	79	481435	39.782	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	764697	36.741	ng	98
17) 2-Methylphenol	6.87	107	472139	37.151	ng	100
18) Hexachloroethane	7.11	117	230059	37.242	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	394481	37.075	ng	98
20) 3+4-Methylphenols	7.02	107	875124	59.636	ng	# 69
22) Acetophenone	7.01	105	815122	44.017	ng	# 95
24) Nitrobenzene	7.18	77	620322	42.820	ng	98
25) Isophorone	7.42	82	1099205	40.806	ng	100
26) 2-Nitrophenol	7.50	139	325994	45.567	ng	98
27) 2,4-Dimethylphenol	7.55	122	518838	44.294	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	698507	41.026	ng	99
29) 2,4-Dichlorophenol	7.74	162	517749	42.831	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	570011	42.690	ng	98
31) Naphthalene	7.90	128	1745636	43.963	ng	100
32) Benzoic acid	7.55	122	518838	62.053	ng	# 15
33) 4-Chloroaniline	7.95	127	255090	14.057	ng	100
34) Hexachlorobutadiene	8.03	225	309527	42.301	ng	99
35) Caprolactam	8.32	113	114142	28.085	ng	96
36) 4-Chloro-3-methylphenol	8.44	107	522758	42.702	ng	95
37) 2-Methylnaphthalene	8.59	142	1202664	44.921	ng	99
38) 1-Methylnaphthalene	8.69	142	1118964	43.761	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	525576	46.461	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	339716	50.646	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	370037	42.370	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	404624	44.990	ng	99
46) 1,1'-Biphenyl	9.05	154	1420712	44.355	ng	99
47) 2-Chloronaphthalene	9.08	162	1136199	43.730	ng	99
48) 2-Nitroaniline	9.17	65	342870	45.264	ng	99
49) Acenaphthylene	9.48	152	1793394	44.302	ng	99
50) Dimethylphthalate	9.36	163	1358742	46.134	ng	100
51) 2,6-Dinitrotoluene	9.41	165	314774	46.293	ng	99
52) Acenaphthene	9.66	154	1053295	41.582	ng	99
53) 3-Nitroaniline	9.57	138	224066	27.003	ng	95
54) 2,4-Dinitrophenol	9.68	184	36855	16.910	ng	91
55) Dibenzofuran	9.83	168	1582828	43.536	ng	100
56) 4-Nitrophenol	9.74	139	514124	77.286	ng	97
57) 2,4-Dinitrotoluene	9.81	165	414889	47.256	ng	95
58) Fluorene	10.17	166	1124741	46.717	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	317577	42.111	ng	98
60) Diethylphthalate	10.06	149	1313114	44.354	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	544282	47.729	ng	98
62) 4-Nitroaniline	10.19	138	373996	44.929	ng	96
63) Azobenzene	10.32	77	1201965	43.467	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	55392	16.488	ng	98
66) n-Nitrosodiphenylamine	10.28	169	1113713	44.147	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	382787	43.601	ng	93
68) Hexachlorobenzene	10.72	284	417272	43.788	ng	97
69) Atrazine	10.82	200	365583	45.049	ng	99
70) Pentachlorophenol	10.91	266	281872	46.430	ng	99
71) Phenanthrene	11.12	178	1867390	42.832	ng	99
72) Anthracene	11.17	178	1912310	43.453	ng	100
73) Carbazole	11.32	167	1772830	45.112	ng	99
74) Di-n-butylphthalate	11.68	149	2041736	44.961	ng	100
75) Fluoranthene	12.30	202	1968578	45.256	ng	98
77) Benzidine	12.42	184	829120	30.406	ng	99
78) Pyrene	12.52	202	2047911	43.394	ng	99
80) Butylbenzylphthalate	13.16	149	959733	46.081	ng	95
81) Benzo(a)anthracene	13.71	228	1912779	43.410	ng	99
82) 3,3'-Dichlorobenzidine	13.67	252	393110	24.705	ng	98
83) Chrysene	13.74	228	1803001	44.670	ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1269749	46.528	ng	100
85) Di-n-octyl phthalate	14.34	149	2320715	50.613	ng	99
86) Indeno(1,2,3-cd)pyrene	16.34	276	2019147	42.276	ng	99
88) Benzo(b)fluoranthene	14.71	252	2165305	44.866	ng	99
89) Benzo(k)fluoranthene	14.73	252	1843215	42.588	ng	100
90) Benzo(a)pyrene	15.02	252	1966522	45.209	ng	98
91) Dibenzo(a,h)anthracene	16.36	278	1684923	41.491	ng	98
92) Benzo(g,h,i)perylene	16.72	276	1622555	39.477	ng	99

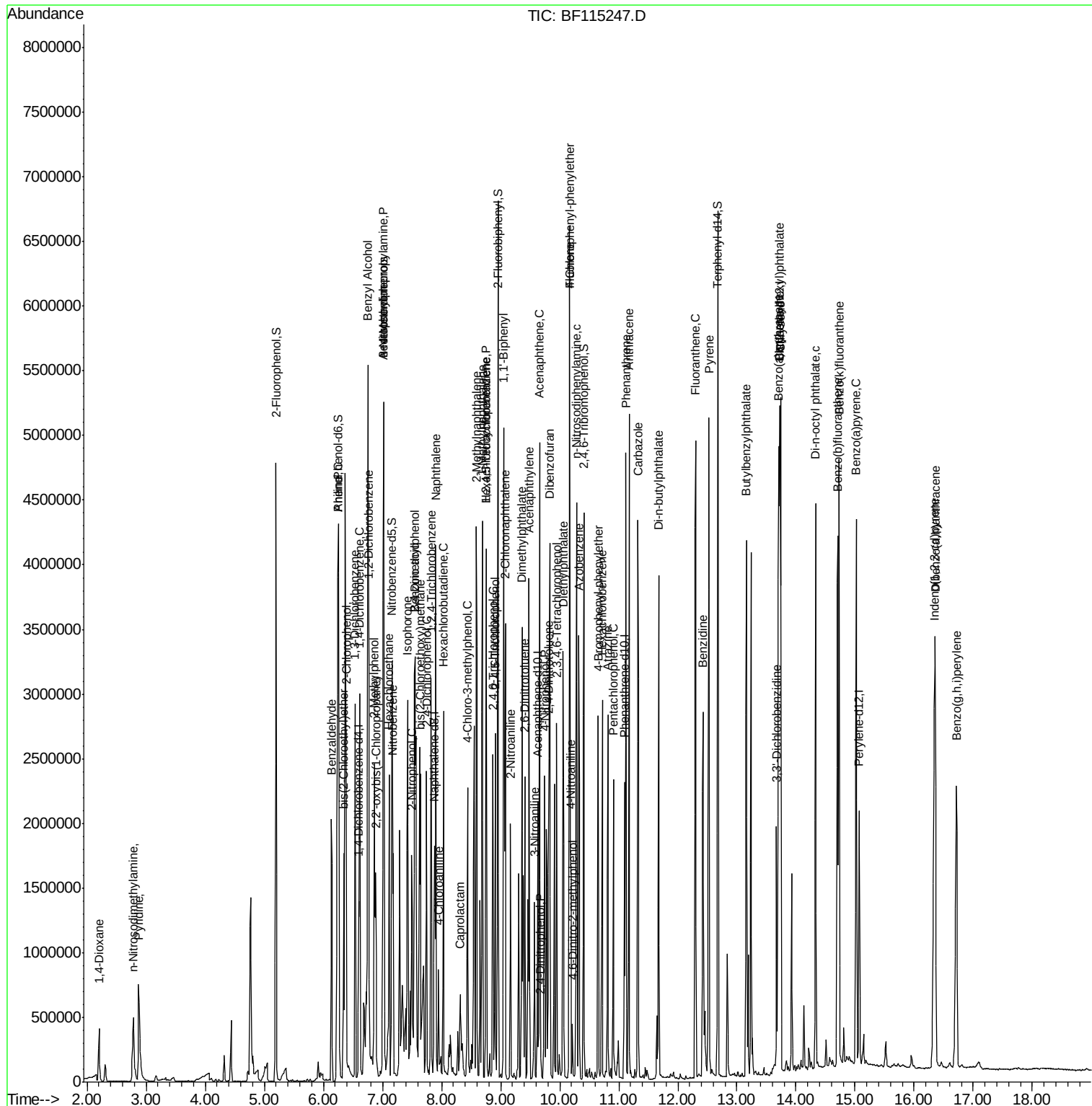
(#) = qualifier out of range (m) = manual integration (+) = signals summed

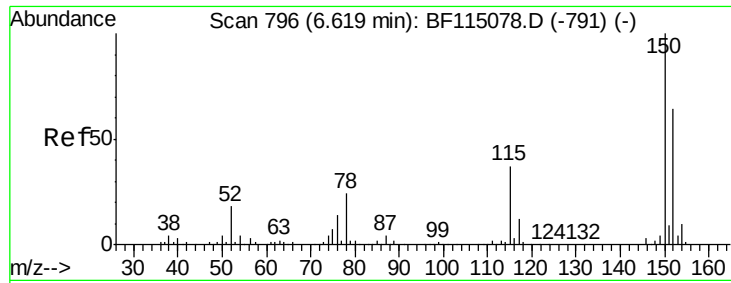
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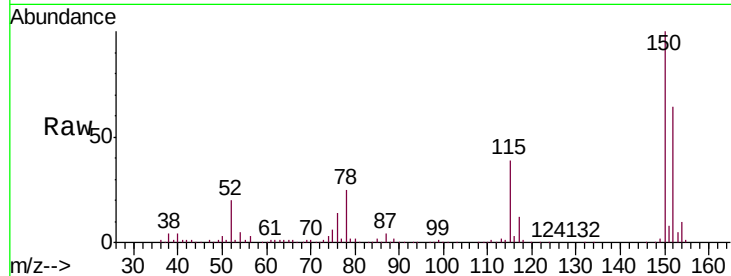


#1

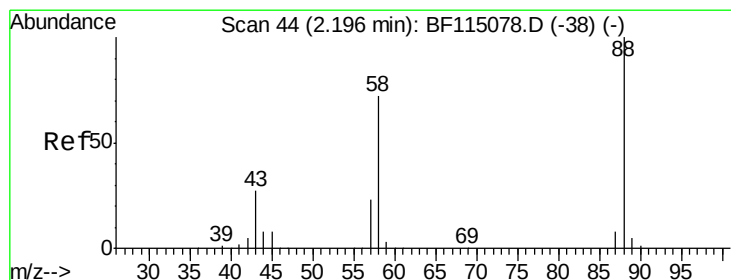
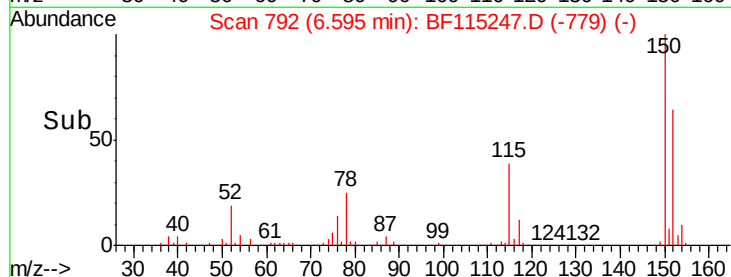
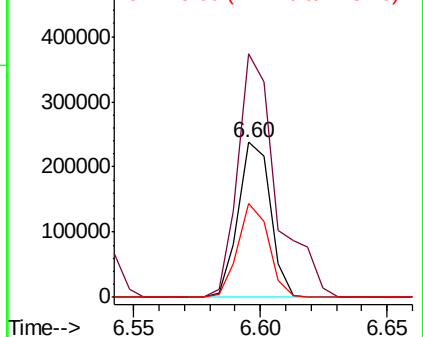
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

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

Tgt Ion: 152 Resp: 211299
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 61.0 46.1 69.1



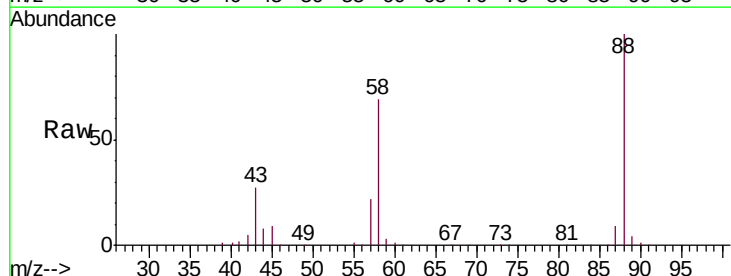
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



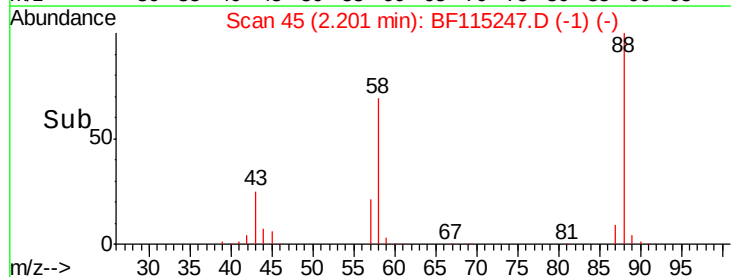
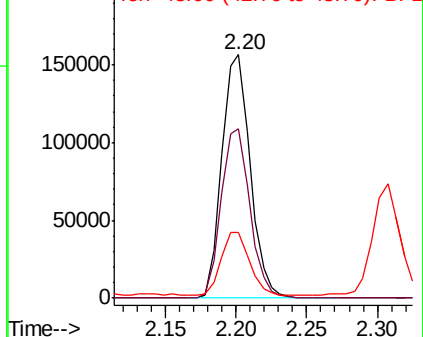
#2

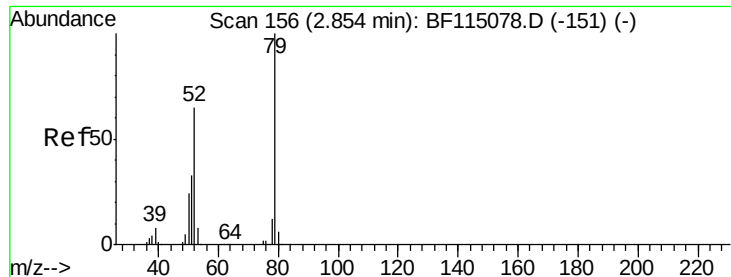
1,4-Dioxane
Concen: 33.874 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion: 88 Resp: 218896
Ion Ratio Lower Upper
88 100
58 70.5 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: 32.848 ng

RT: 2.87 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

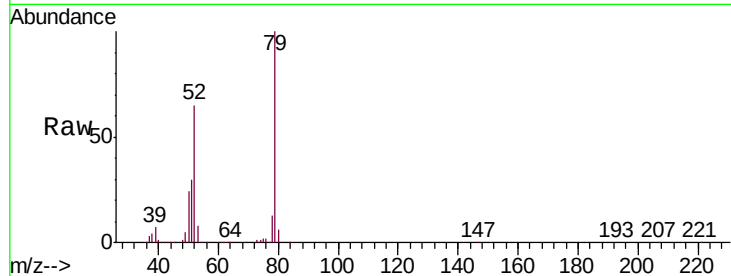
Tgt Ion: 79 Resp: 598279

Ion Ratio Lower Upper

79 100

52 65.0 52.3 78.5

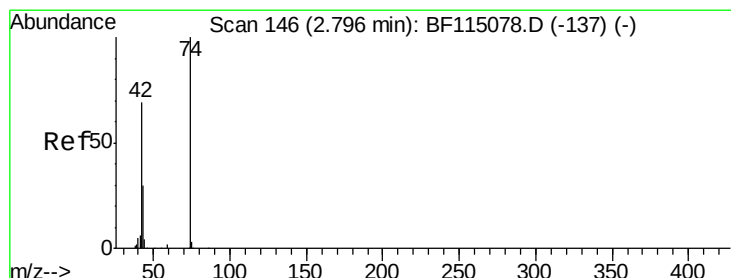
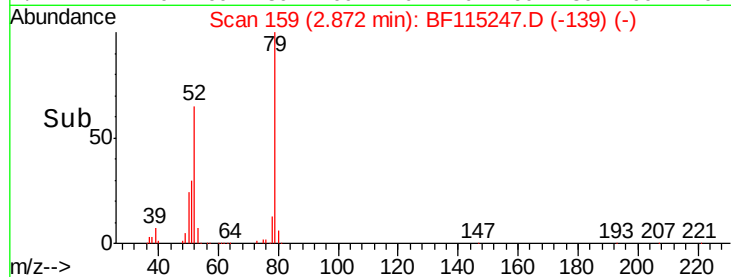
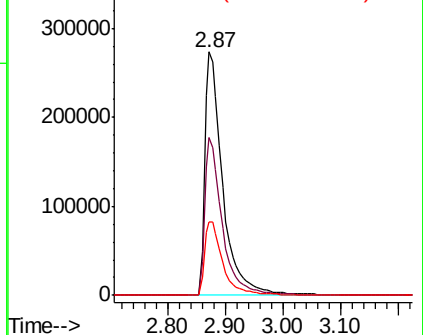
51 30.4 26.1 39.1



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: 36.297 ng

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

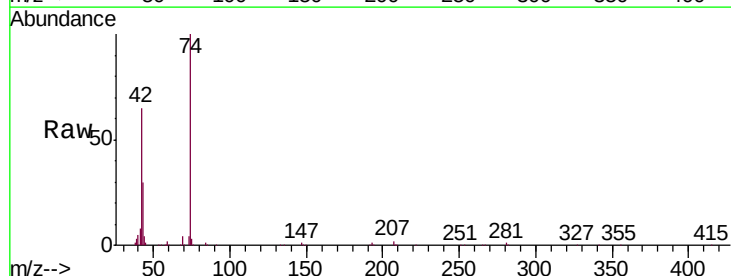
Tgt Ion: 42 Resp: 259169

Ion Ratio Lower Upper

42 100

74 152.9 116.6 175.0

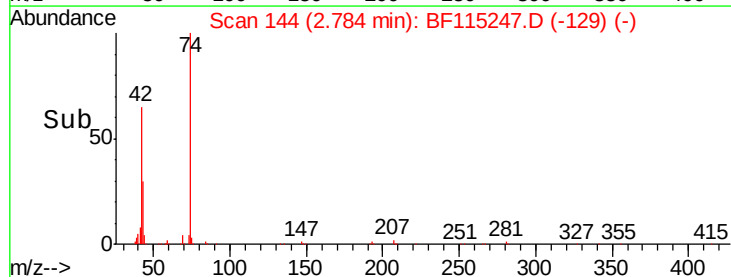
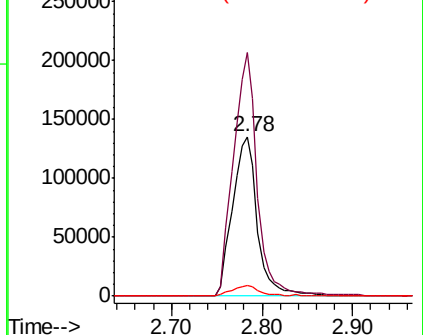
44 6.5 5.3 7.9

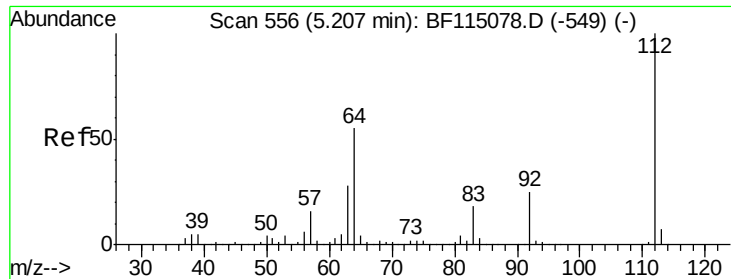


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.678 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115247.D

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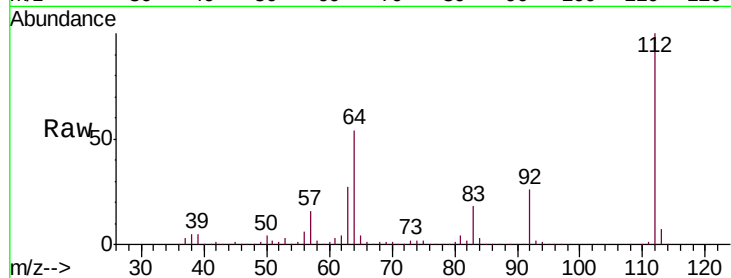
Tgt Ion: 112 Resp: 1542842

Ion Ratio Lower Upper

112 100

64 53.8 43.8 65.6

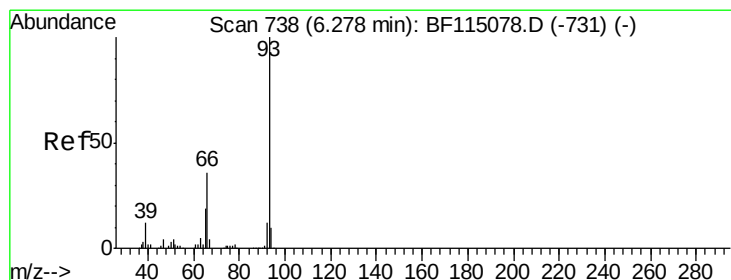
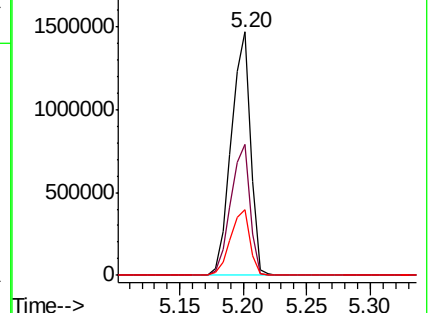
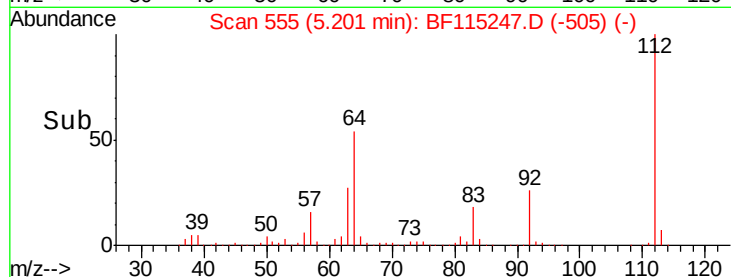
63 27.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.251 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.02 min

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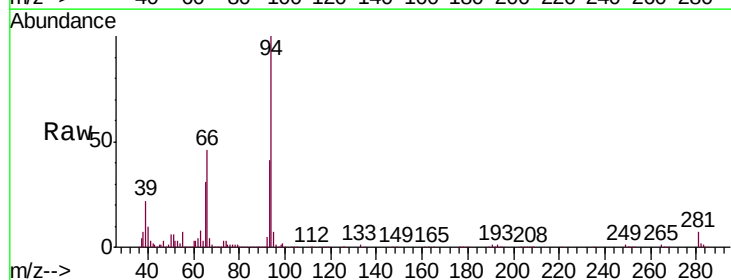
Tgt Ion: 93 Resp: 508246

Ion Ratio Lower Upper

93 100

66 112.5 30.0 45.0#

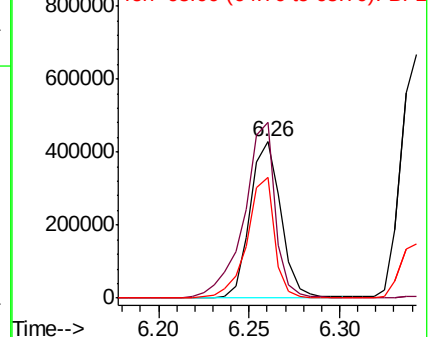
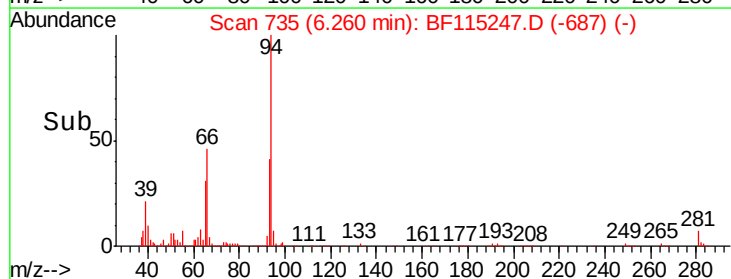
65 76.8 15.6 23.4#

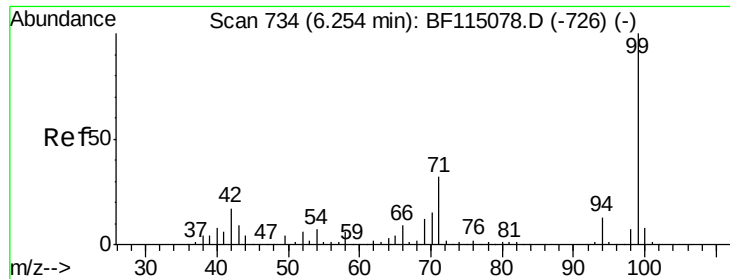


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.541 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

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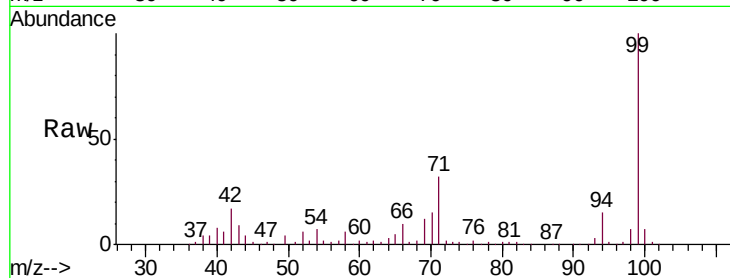
Tgt Ion: 99 Resp: 1704168

Ion Ratio Lower Upper

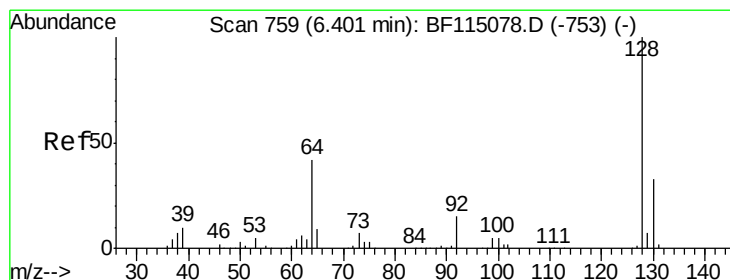
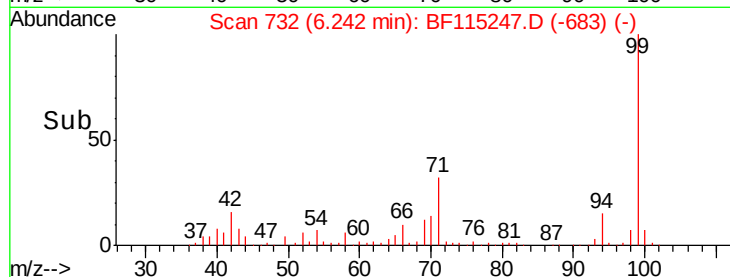
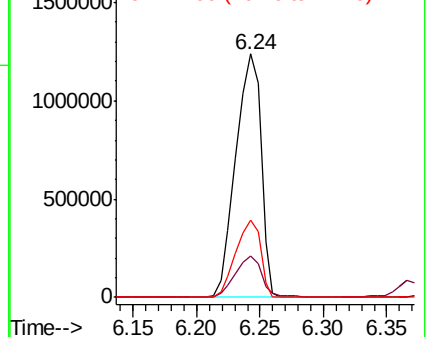
99 100

42 16.8 13.6 20.4

71 31.9 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: 37.157 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

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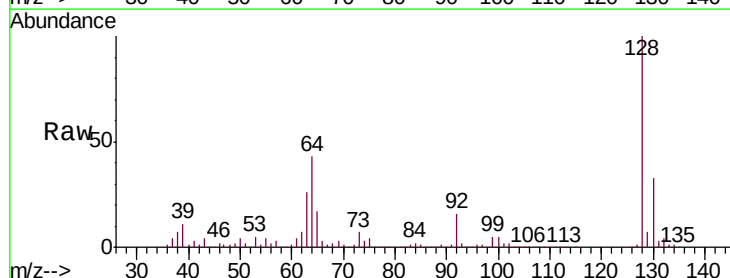
Tgt Ion: 128 Resp: 572088

Ion Ratio Lower Upper

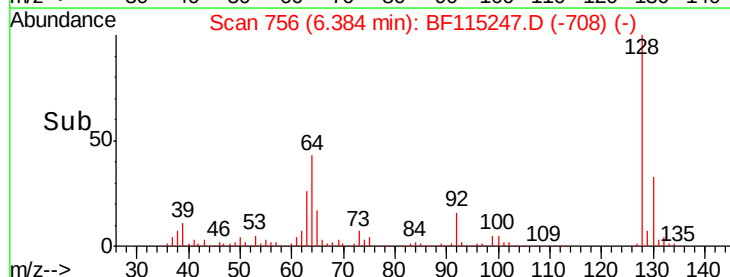
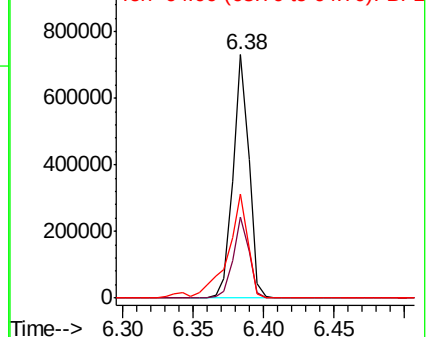
128 100

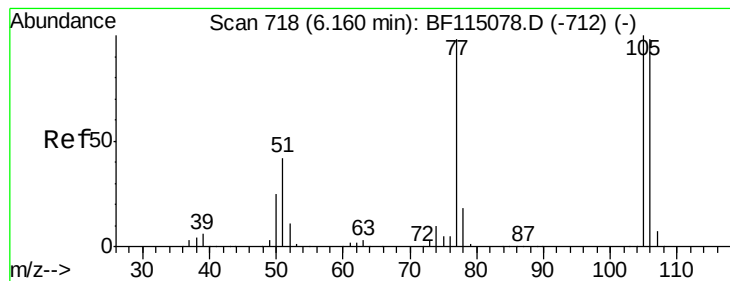
130 33.4 12.9 52.9

64 42.9 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: 35.638 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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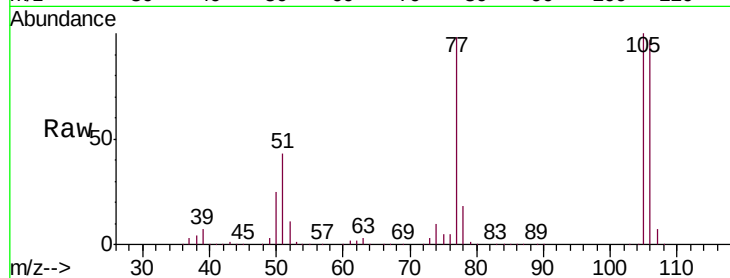
Tgt Ion: 77 Resp: 386410

Ion Ratio Lower Upper

77 100

105 101.9 81.5 121.5

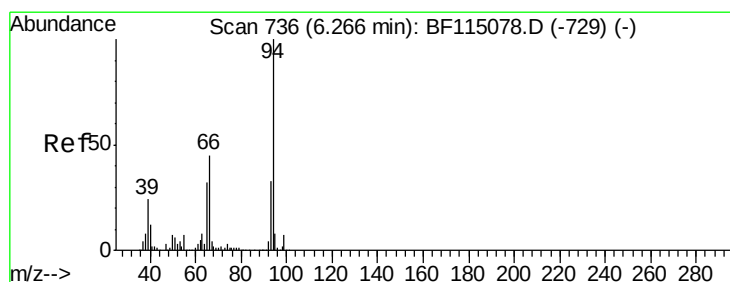
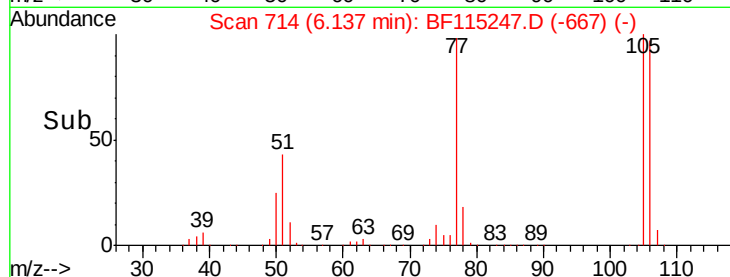
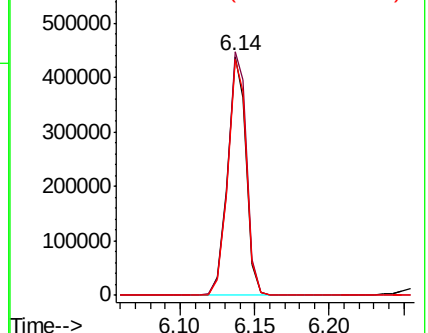
106 98.8 79.7 119.7



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: 51.055 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

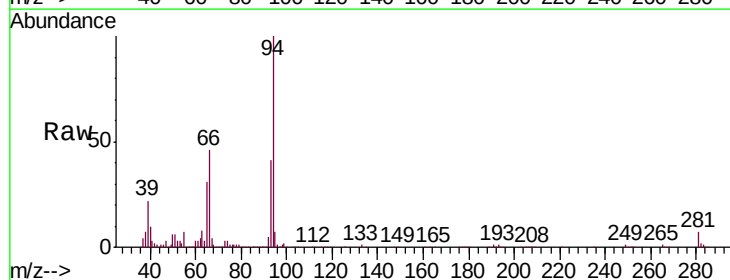
Tgt Ion: 94 Resp: 993920

Ion Ratio Lower Upper

94 100

65 31.4 11.9 51.9

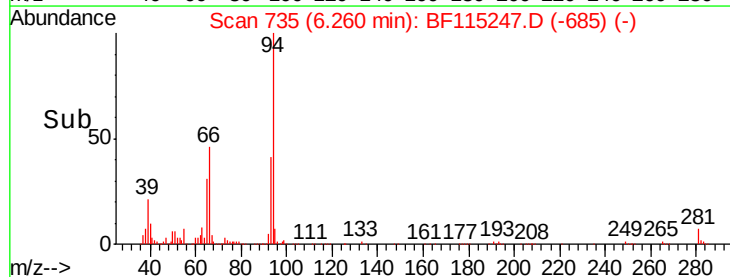
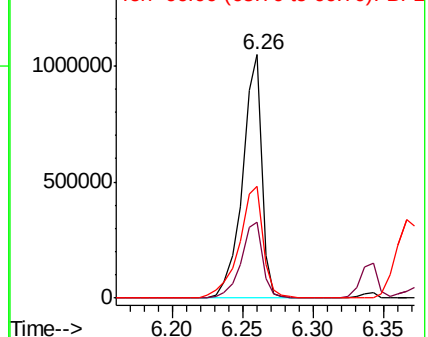
66 46.0 25.2 65.2

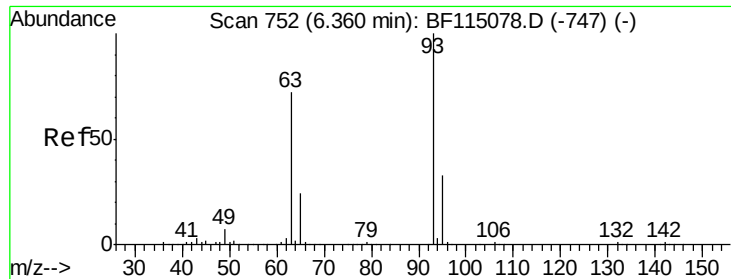


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.511 ng

RT: 6.34 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

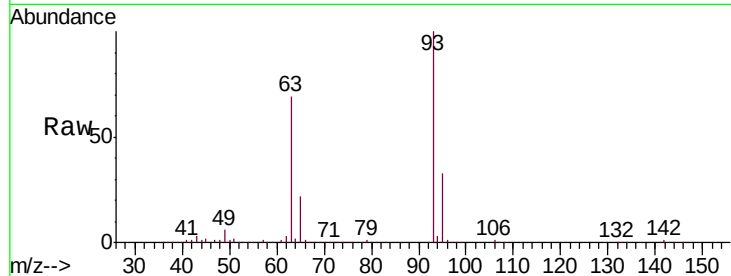
Tgt Ion: 93 Resp: 552646

Ion Ratio Lower Upper

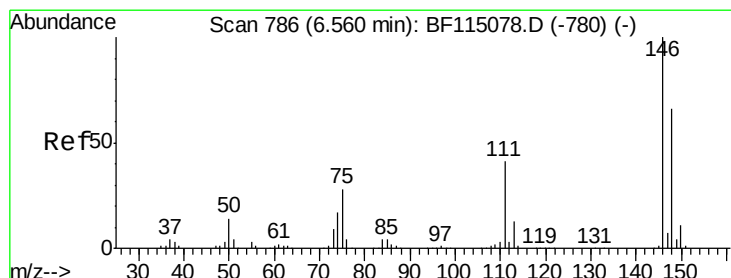
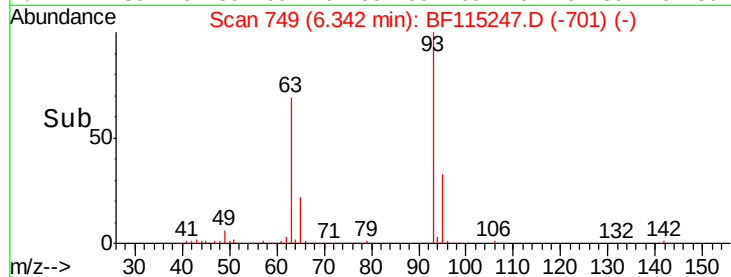
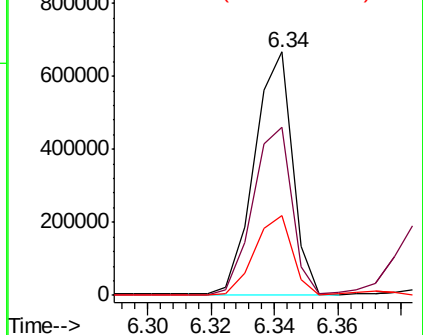
93 100

63 69.3 51.5 91.5

95 32.8 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: 38.605 ng

RT: 6.54 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

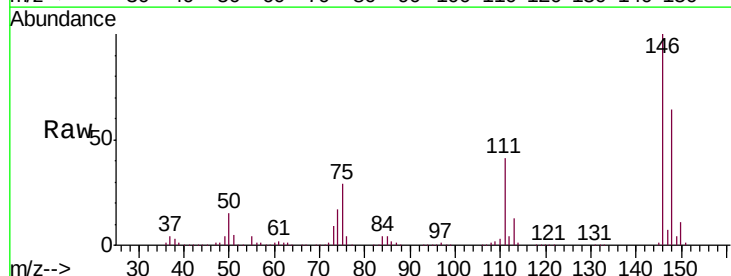
Tgt Ion: 146 Resp: 659650

Ion Ratio Lower Upper

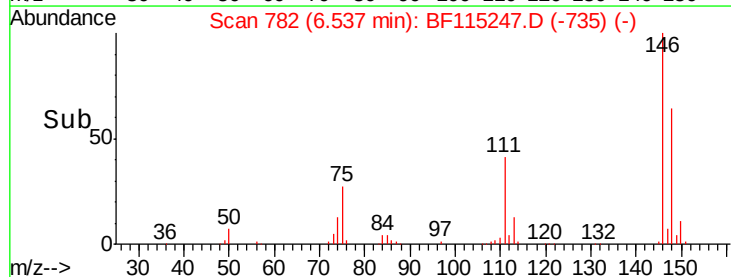
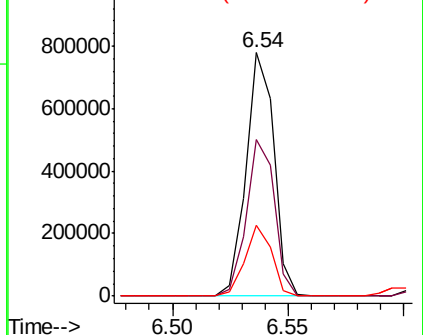
146 100

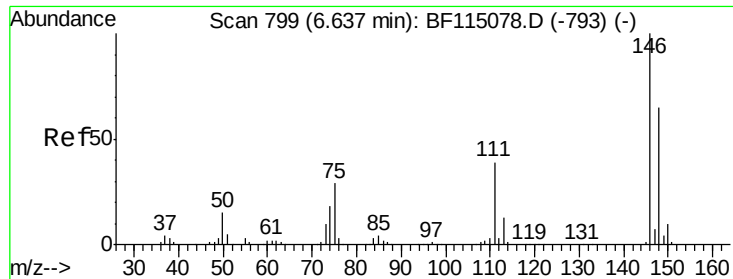
148 64.3 52.6 78.8

75 28.9 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

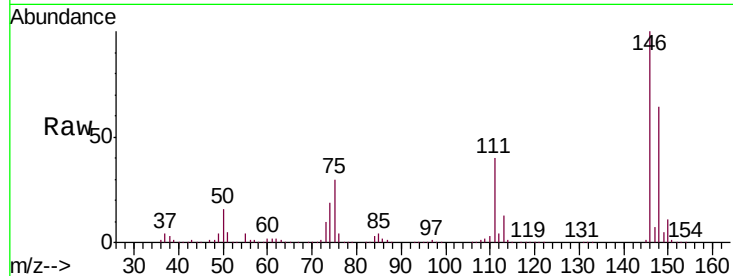




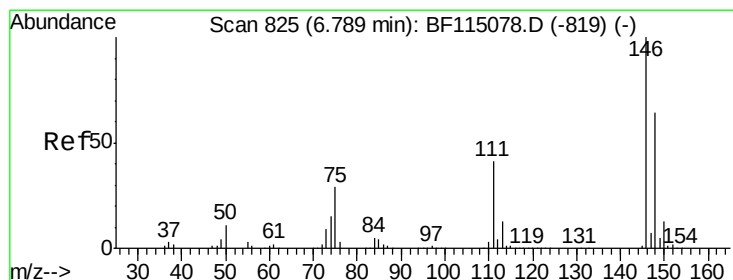
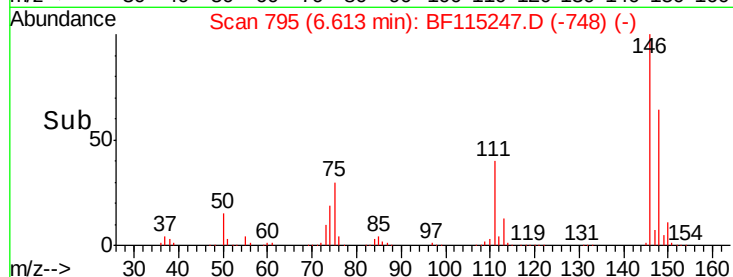
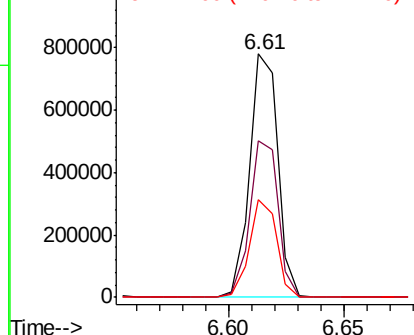
#13
 1,4-Dichlorobenzene
 Concen: 38.939 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

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

Tgt Ion:146 Resp: 667215
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 40.3 31.4 47.0

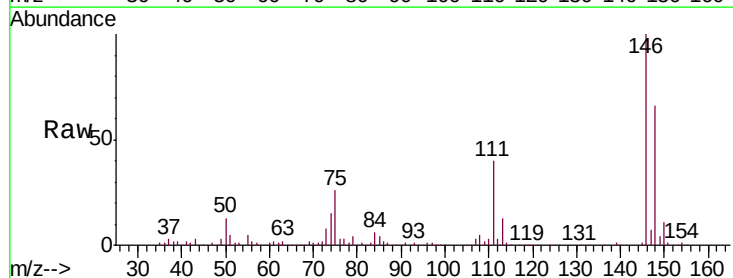


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

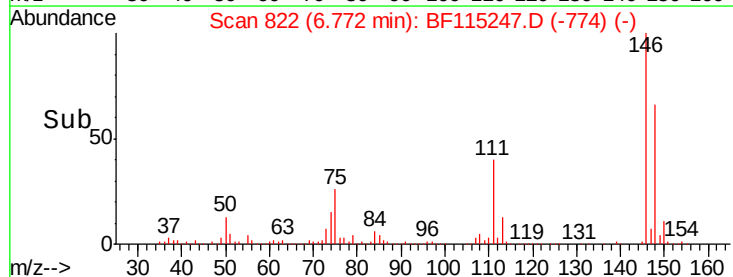
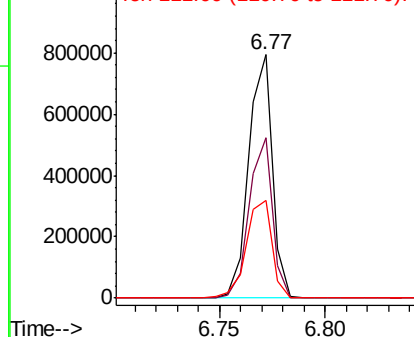


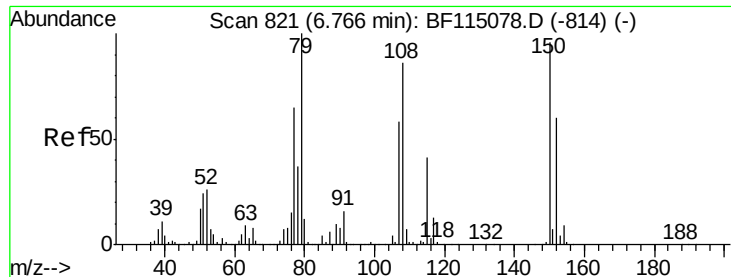
#14
 1,2-Dichlorobenzene
 Concen: 38.771 ng
 RT: 6.77 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion:146 Resp: 615211
 Ion Ratio Lower Upper
 146 100
 148 65.9 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: 39.782 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

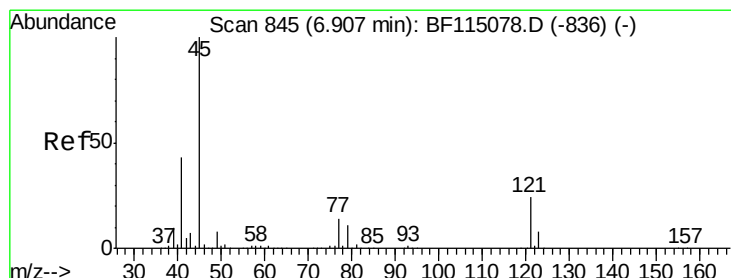
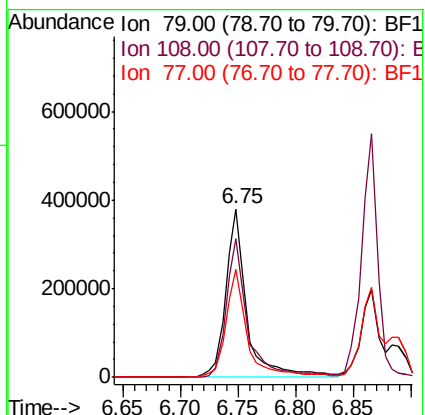
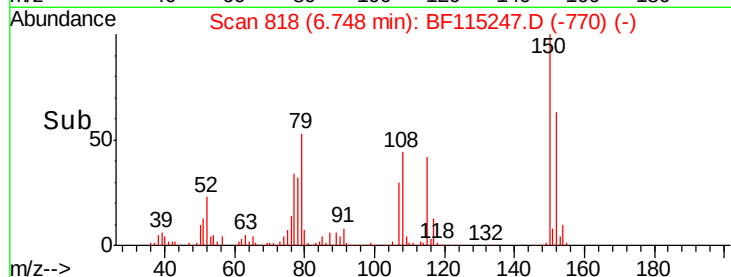
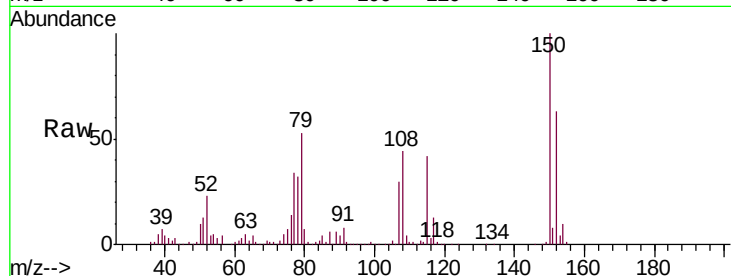
Tgt Ion: 79 Resp: 481435

Ion Ratio Lower Upper

79 100

108 82.5 68.7 103.1

77 64.2 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.741 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

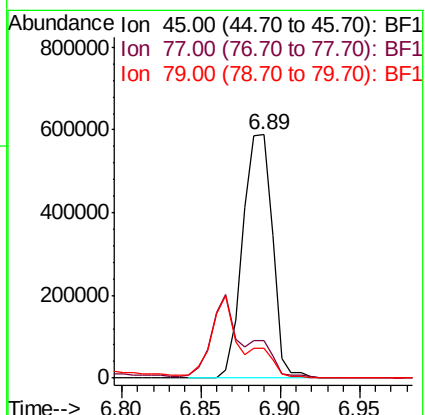
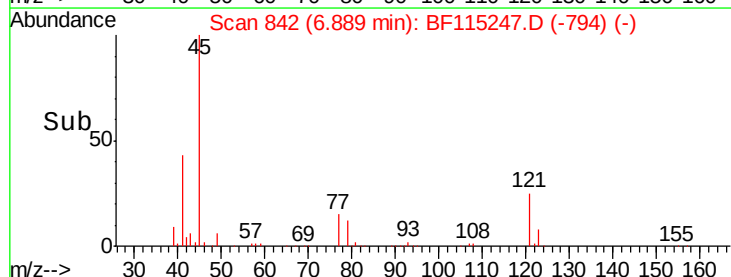
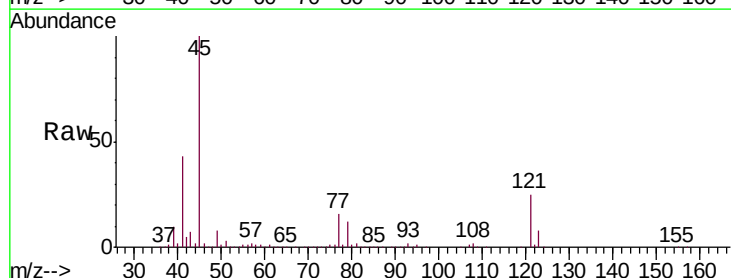
Tgt Ion: 45 Resp: 764697

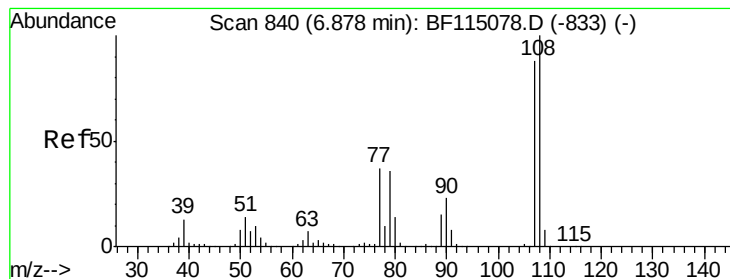
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.6

79 12.0 0.0 31.2





#17

2-Methylphenol

Concen: 37.151 ng

RT: 6.87 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:107 Resp: 472139

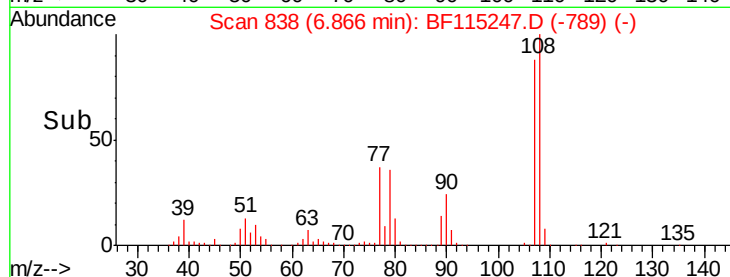
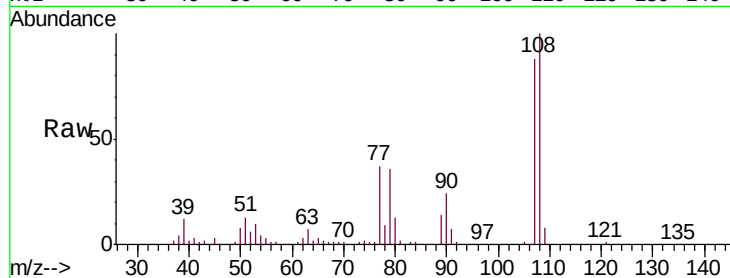
Ion Ratio Lower Upper

107 100

108 113.8 90.9 136.3

77 42.1 33.4 50.2

79 41.0 32.3 48.5



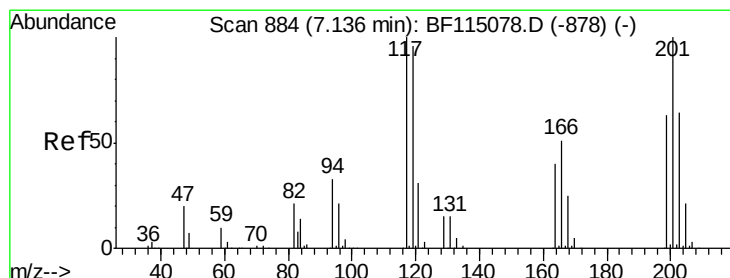
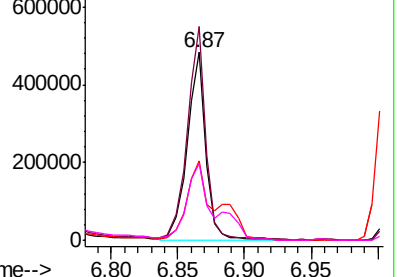
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 37.242 ng

RT: 7.11 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

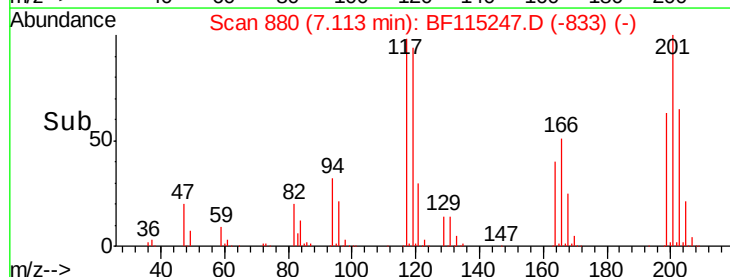
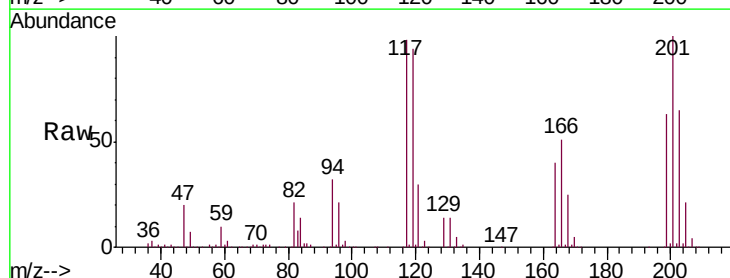
Tgt Ion:117 Resp: 230059

Ion Ratio Lower Upper

117 100

119 96.7 76.6 114.8

201 102.5 80.2 120.2

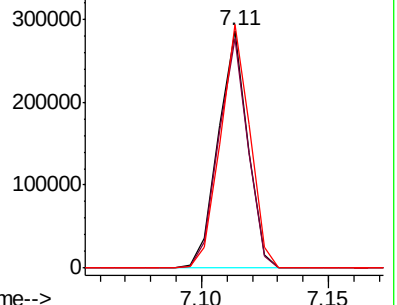


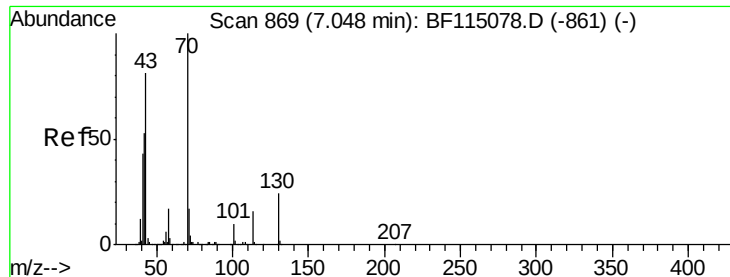
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

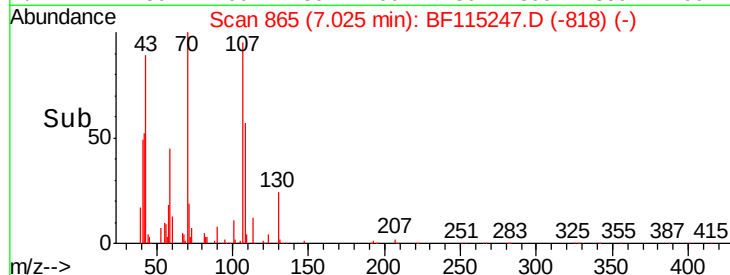
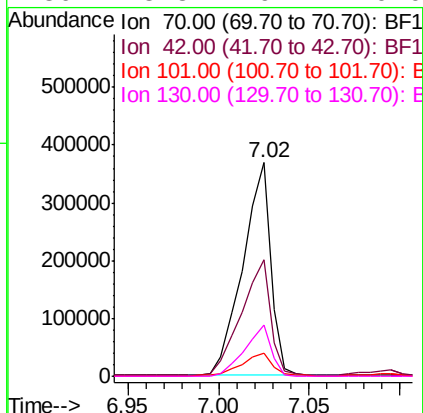
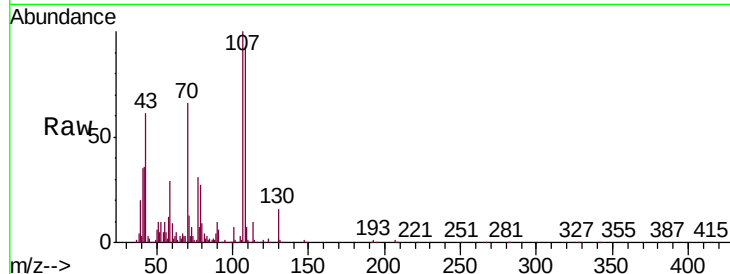




#19
n-Nitroso-di-n-propylamine
Concen: 37.075 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

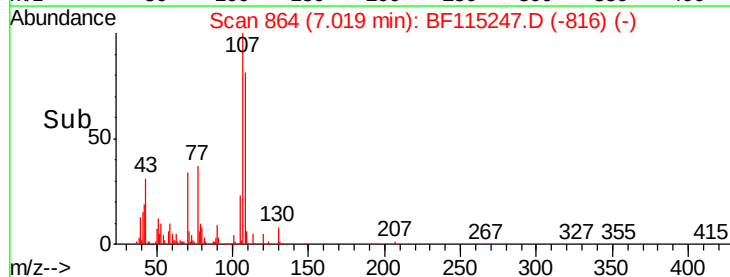
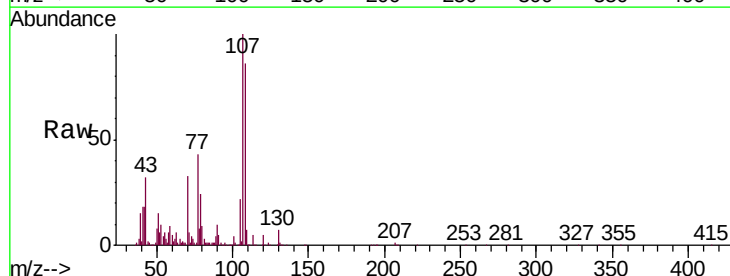
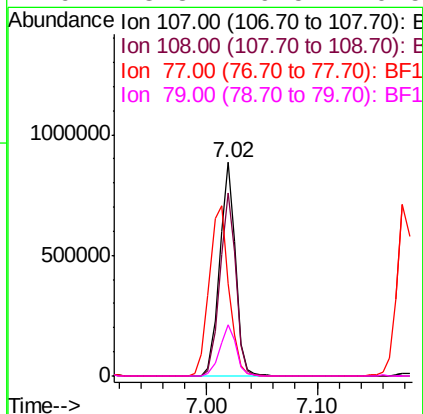
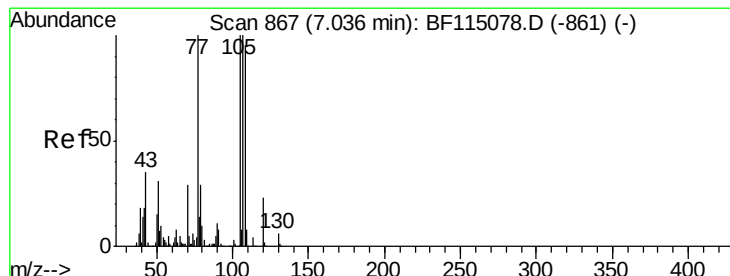
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

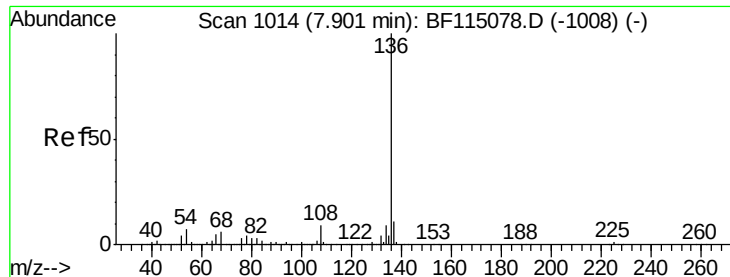
Tgt Ion:	70	Resp:	394481
Ion	Ratio	Lower	Upper
70	100		
42	54.3	42.6	63.8
101	11.0	8.0	12.0
130	23.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 59.636 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:	107	Resp:	875124
Ion	Ratio	Lower	Upper
107	100		
108	85.5	75.5	115.5
77	43.3	80.2	120.2#
79	23.8	9.5	49.5

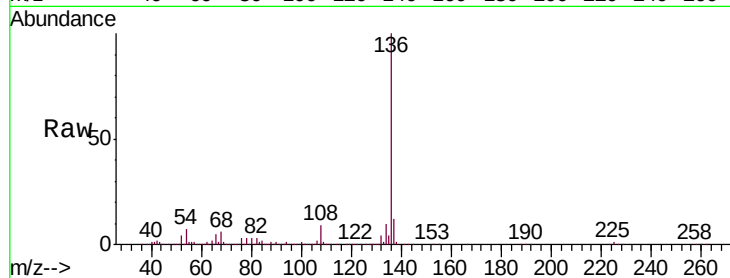




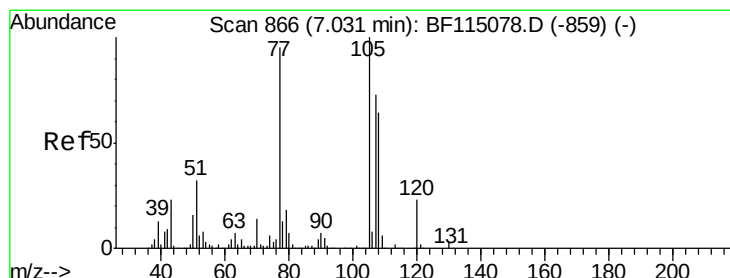
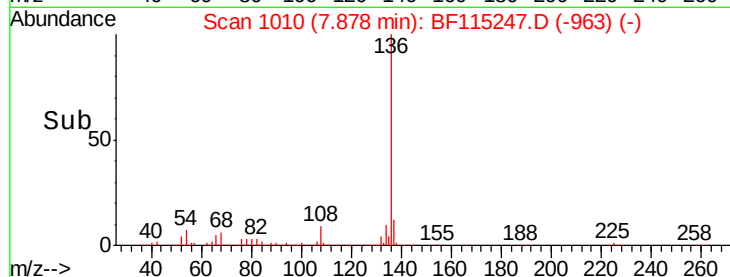
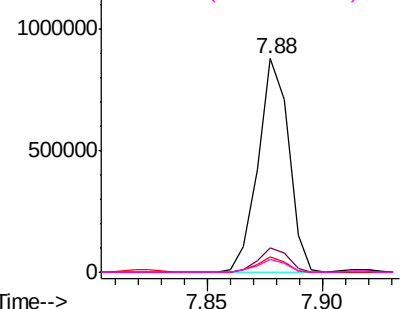
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

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

Tgt Ion:	136	Resp:	808906
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.1	5.6	8.4
68	6.1	4.8	7.2

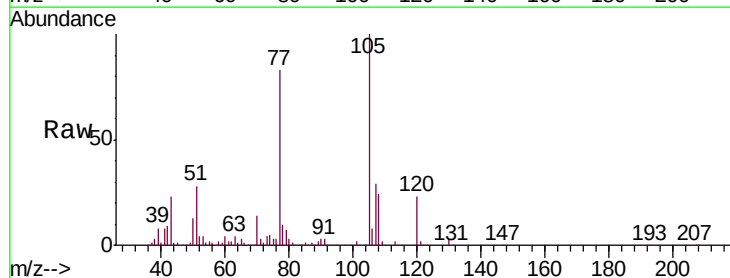


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

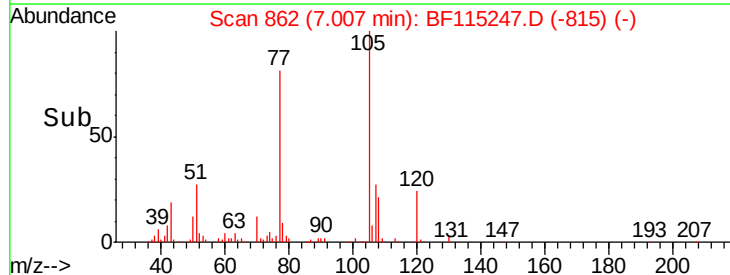
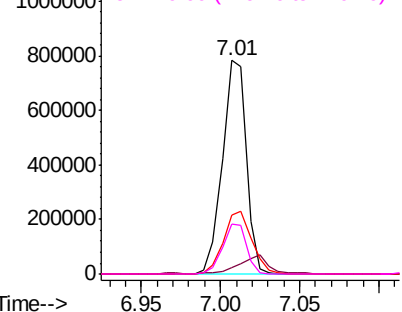


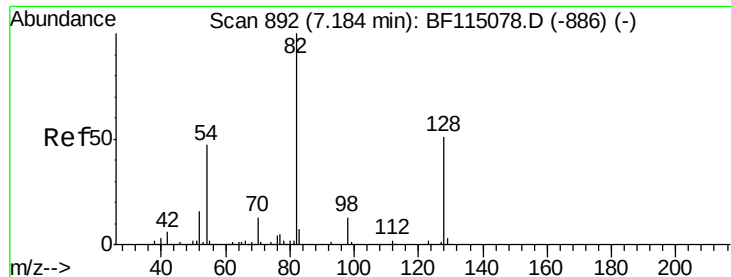
#22
Acetophenone
Concen: 44.017 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:	105	Resp:	815122
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.9	2.9#
51	27.9	25.8	38.8
120	23.4	18.5	27.7



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

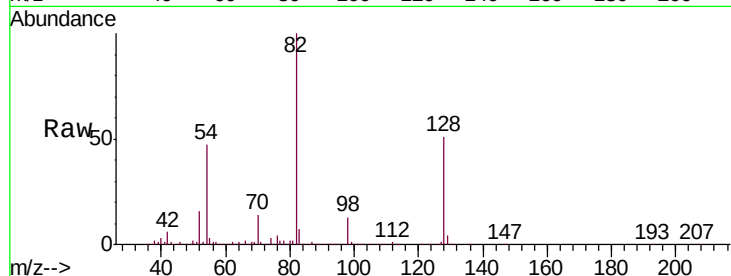




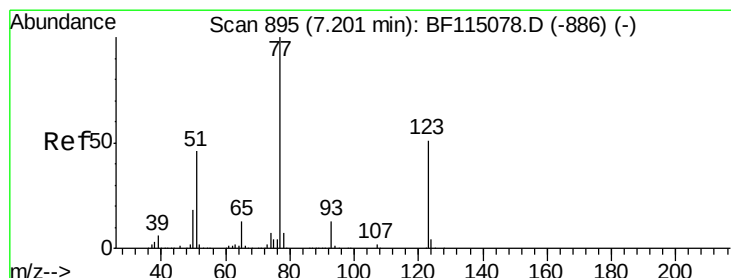
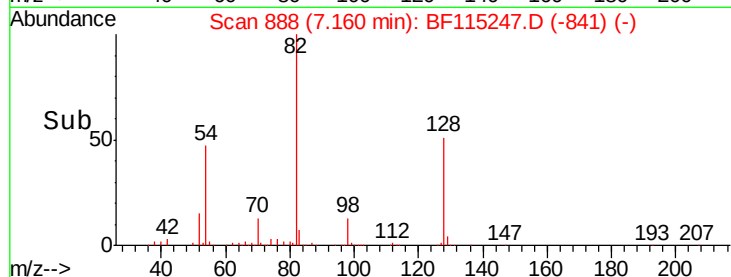
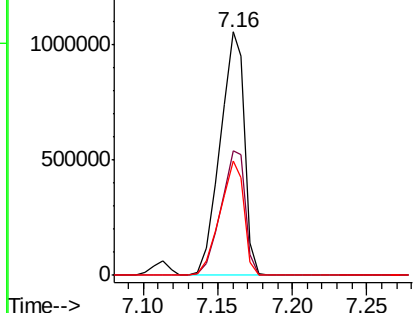
#23
 Nitrobenzene-d5
 Concen: 92.019 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

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

Tgt Ion: 82 Resp: 1210019
 Ion Ratio Lower Upper
 82 100
 128 51.1 40.4 60.6
 54 46.9 37.5 56.3

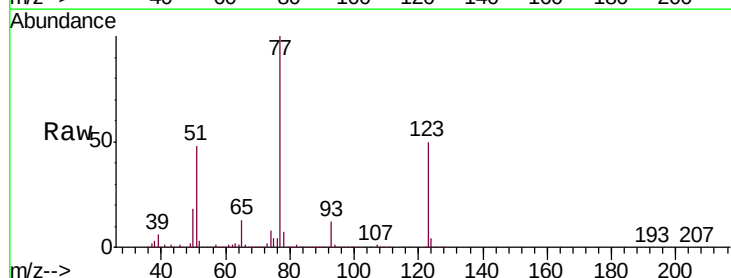


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

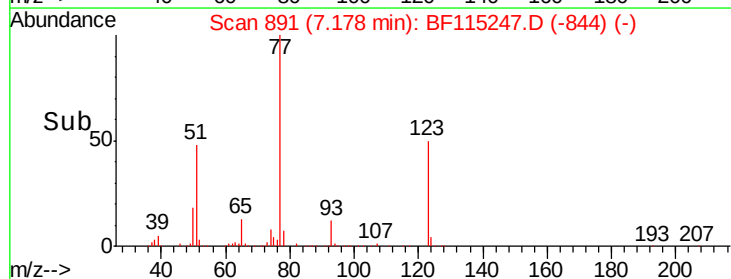
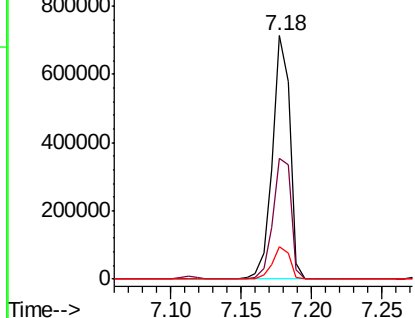


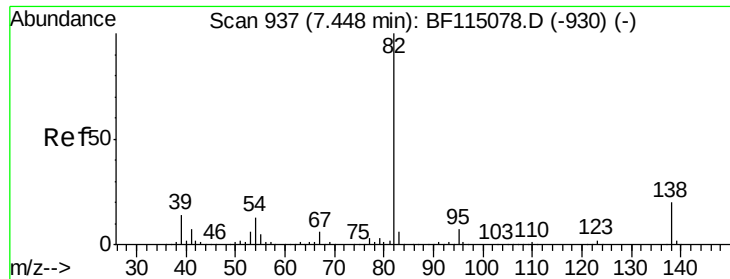
#24
 Nitrobenzene
 Concen: 42.820 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion: 77 Resp: 620322
 Ion Ratio Lower Upper
 77 100
 123 49.5 41.0 61.6
 65 13.1 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: 40.806 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

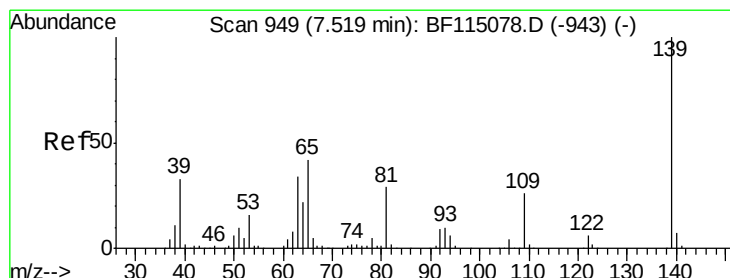
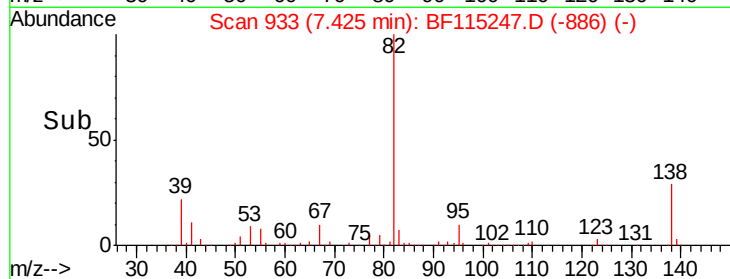
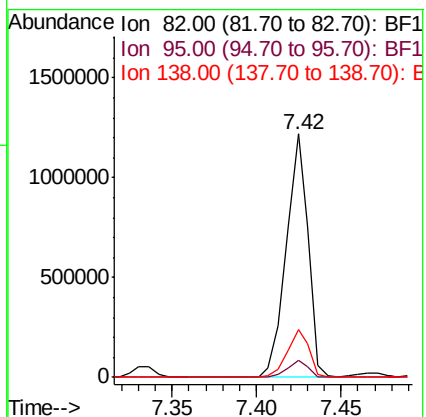
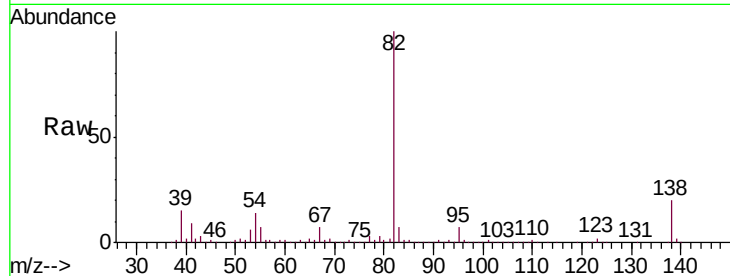
Tgt Ion: 82 Resp: 1099205

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 19.7 15.9 23.9



#26

2-Nitrophenol

Concen: 45.567 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

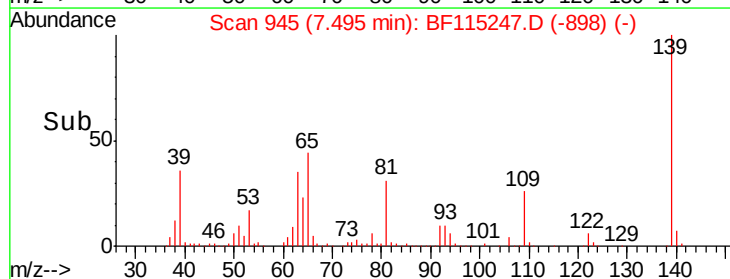
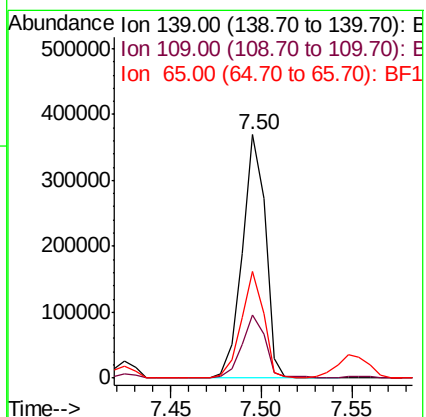
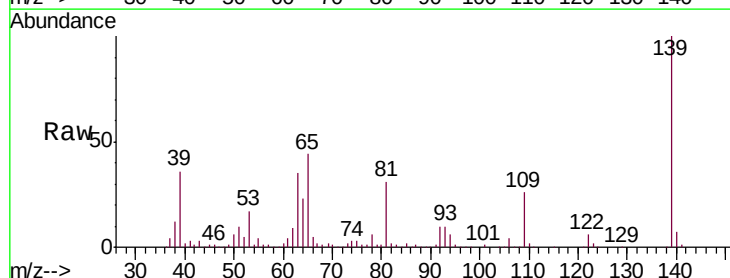
Tgt Ion: 139 Resp: 325994

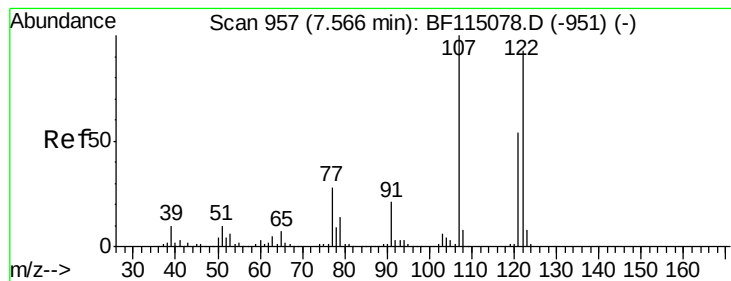
Ion Ratio Lower Upper

139 100

109 26.0 20.4 30.6

65 43.9 33.6 50.4

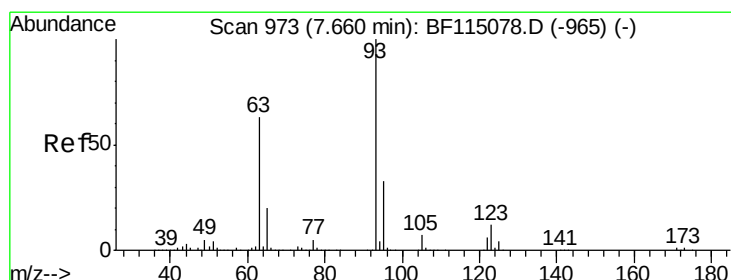
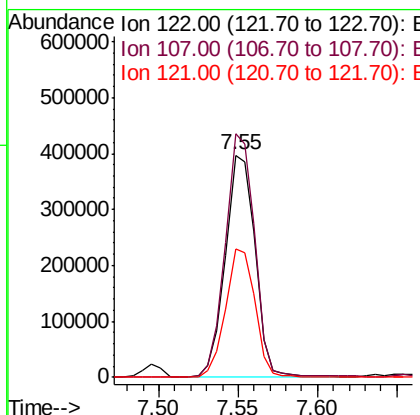
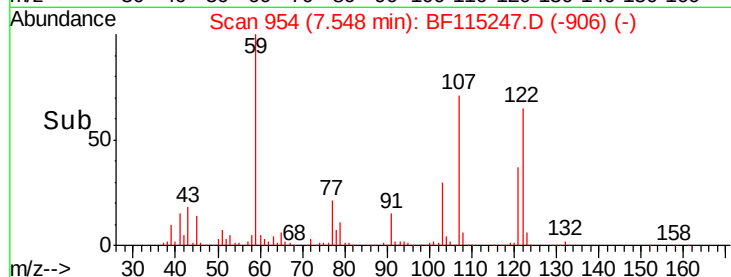
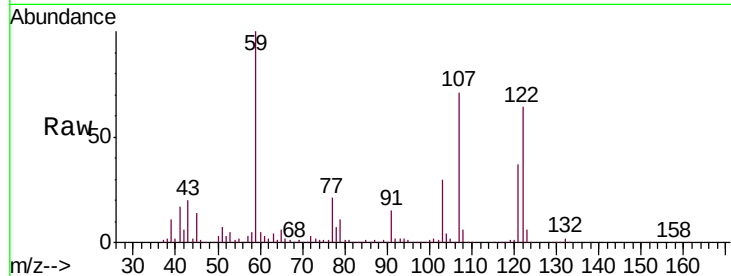




#27
 2,4-Dimethylphenol
 Concen: 44.294 ng
 RT: 7.55 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

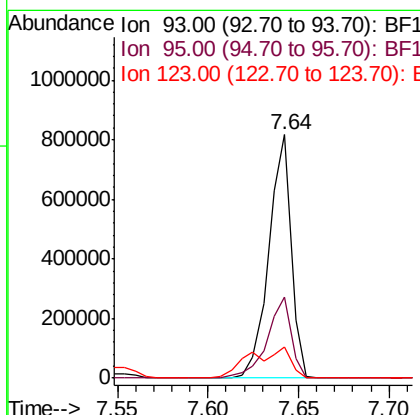
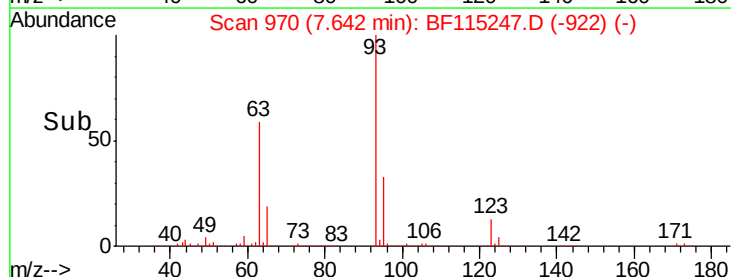
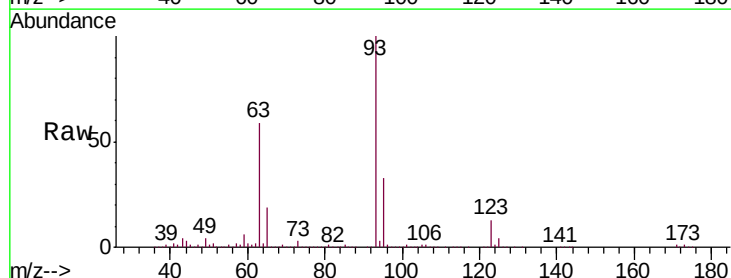
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

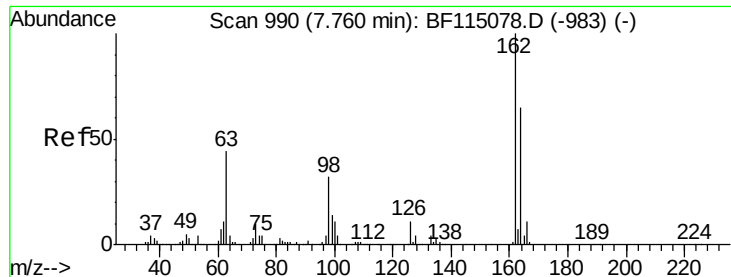
Tgt Ion: 122 Resp: 518838
 Ion Ratio Lower Upper
 122 100
 107 109.6 85.8 128.6
 121 57.8 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.026 ng
 RT: 7.64 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion: 93 Resp: 698507
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 12.6 9.7 14.5

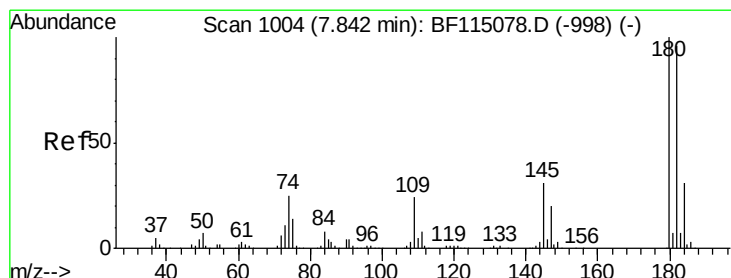
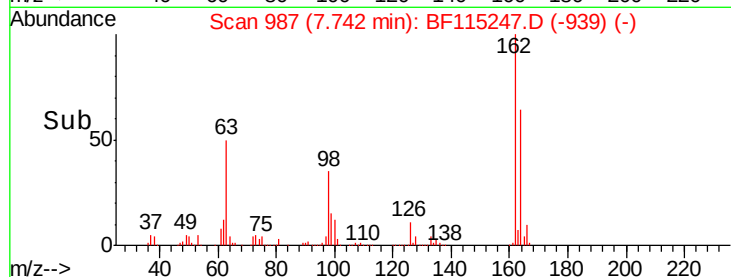
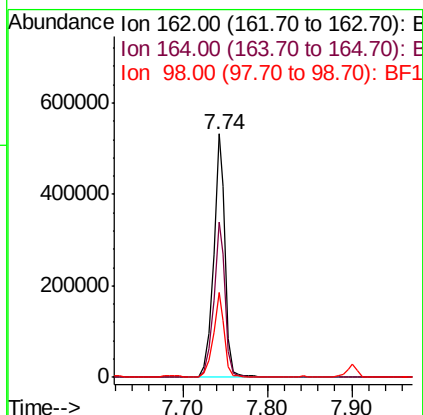
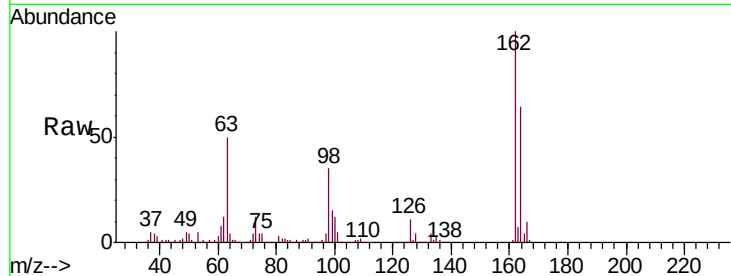




#29
2,4-Dichlorophenol
Concen: 42.831 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

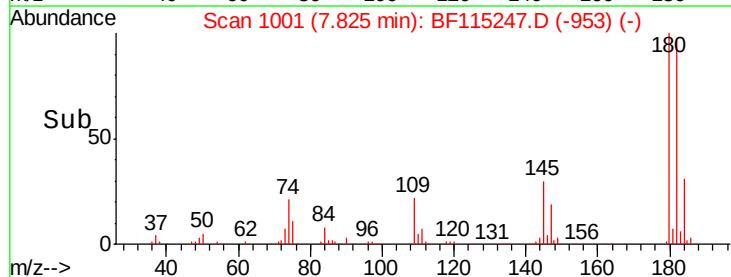
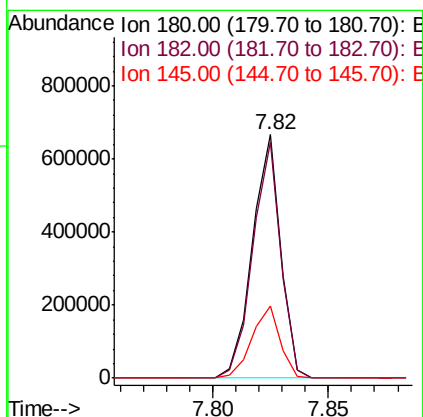
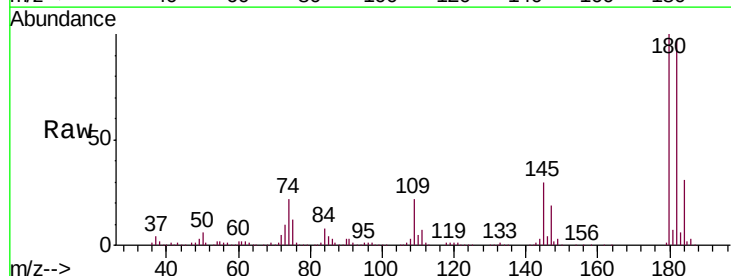
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

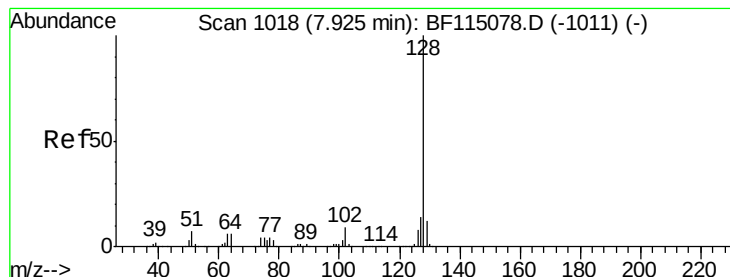
Tgt Ion:162 Resp: 517749
Ion Ratio Lower Upper
162 100
164 63.5 45.3 85.3
98 34.7 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 42.690 ng
RT: 7.82 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:180 Resp: 570011
Ion Ratio Lower Upper
180 100
182 97.1 76.4 114.6
145 29.8 24.8 37.2





#31

Naphthalene

Concen: 43.963 ng

RT: 7.90 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

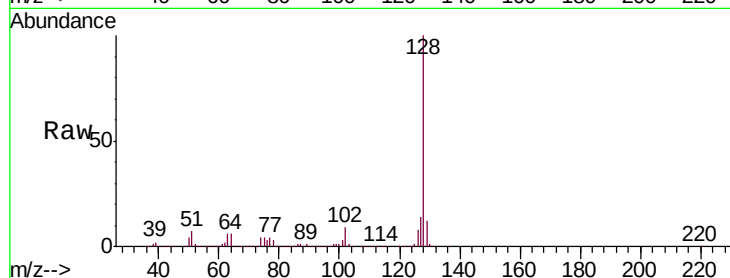
Tgt Ion:128 Resp: 1745636

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

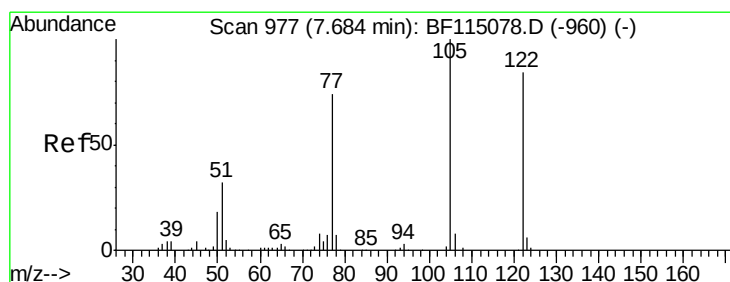
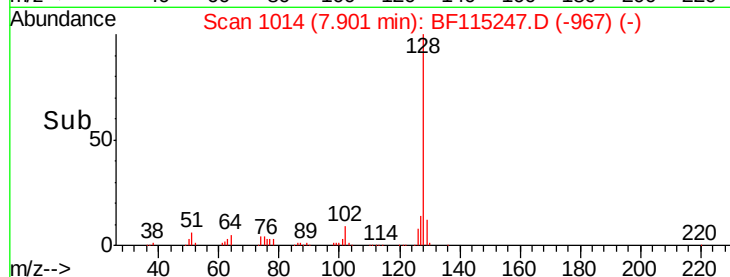
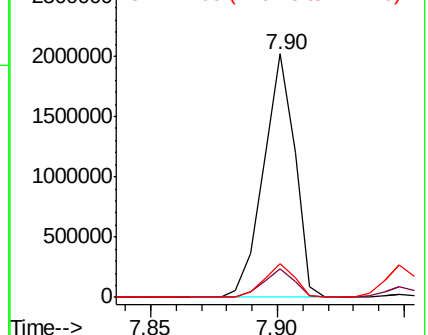
127 14.0 11.4 17.0



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: 62.053 ng

RT: 7.55 min Scan# 954

Delta R.T. -0.14 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

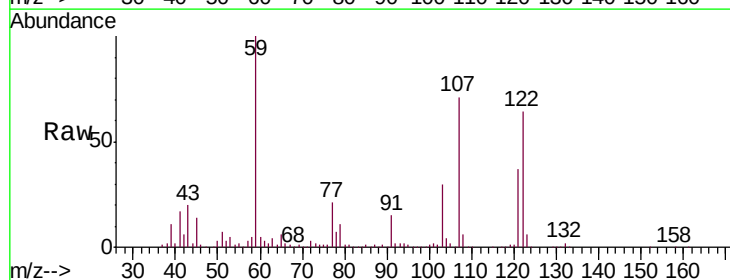
Tgt Ion:122 Resp: 518838

Ion Ratio Lower Upper

122 100

105 3.8 98.2 138.2#

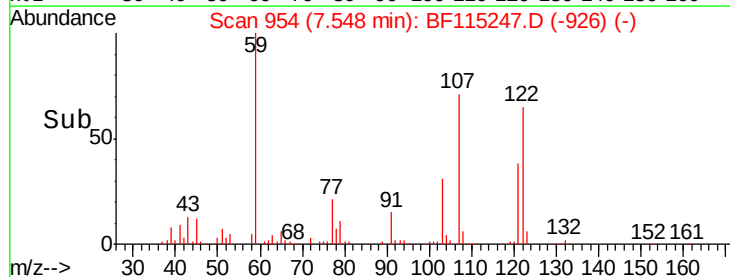
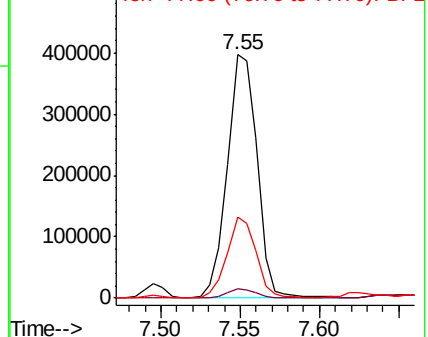
77 33.1 67.0 107.0#

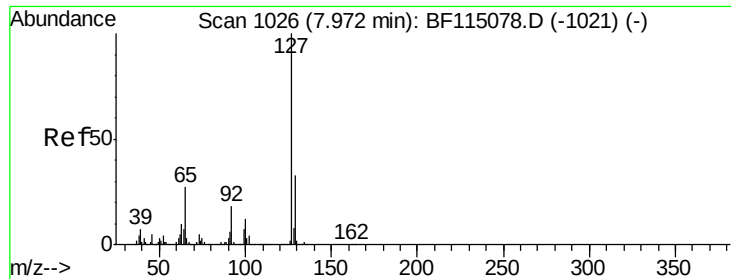


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

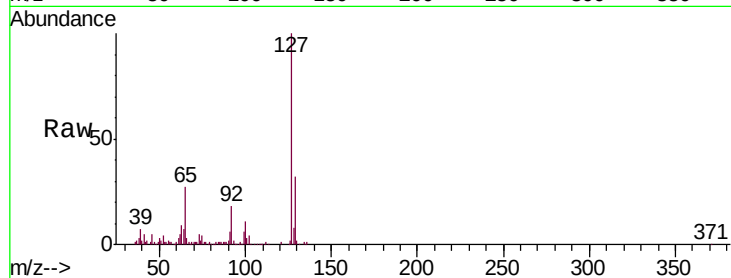




#33
4-Chloroaniline
Concen: 14.057 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

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

Tgt Ion:	127	Resp:	255090
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	26.8	21.4	32.2
92	17.6	14.1	21.1



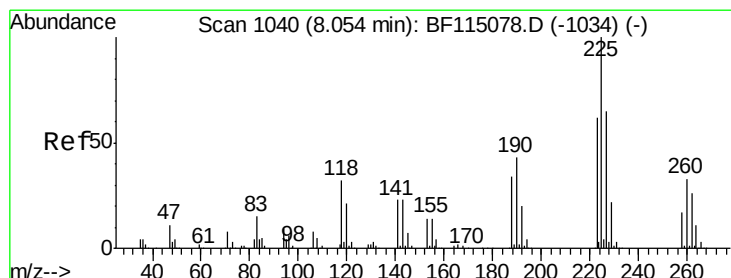
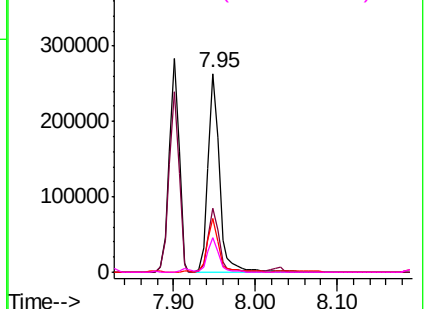
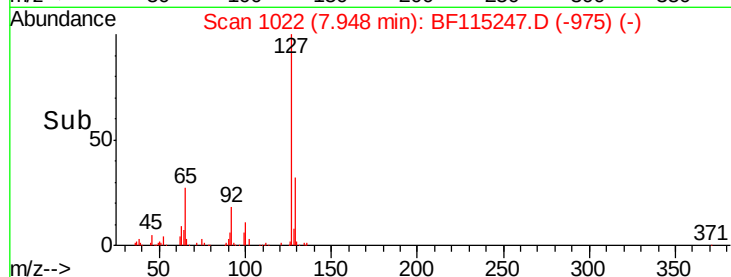
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

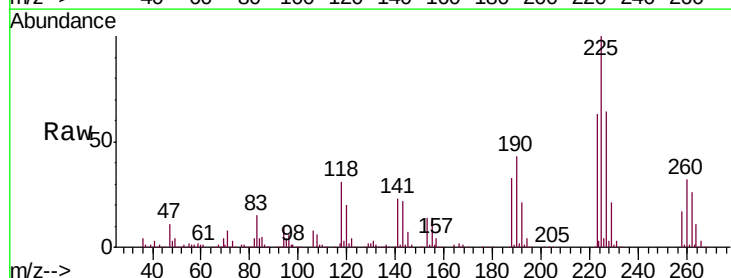
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.301 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:	225	Resp:	309527
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.9	51.8	77.8

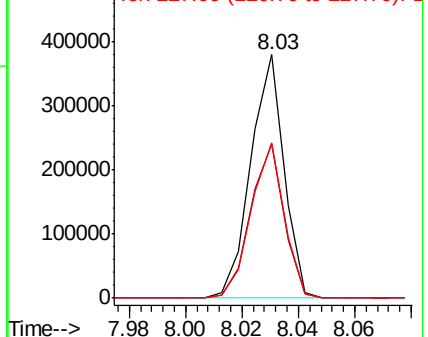
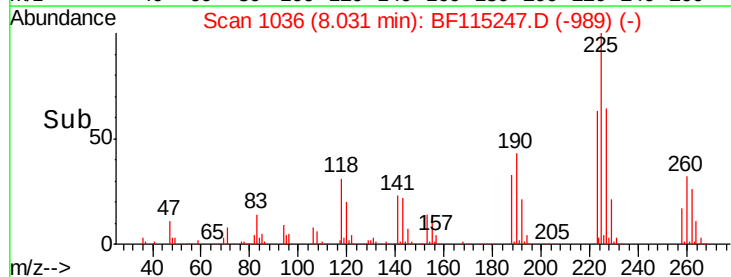


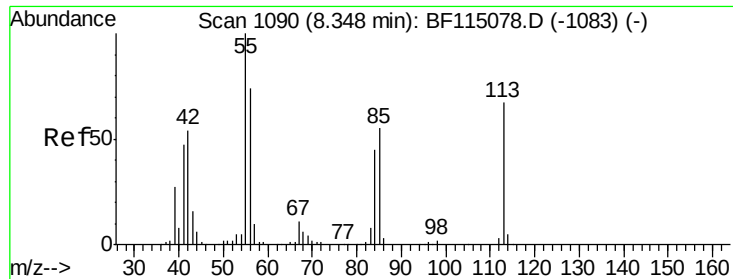
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

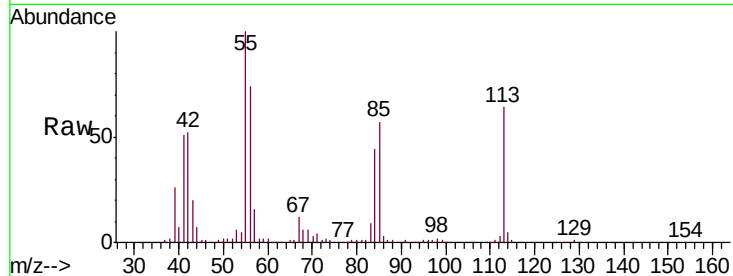




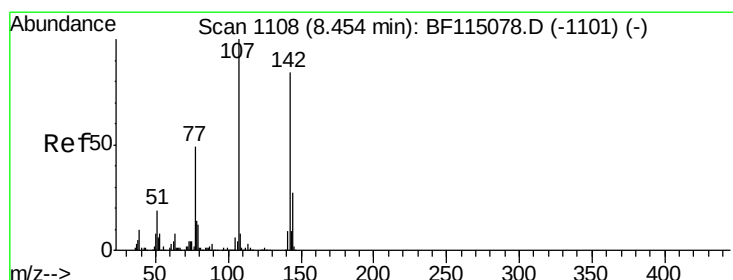
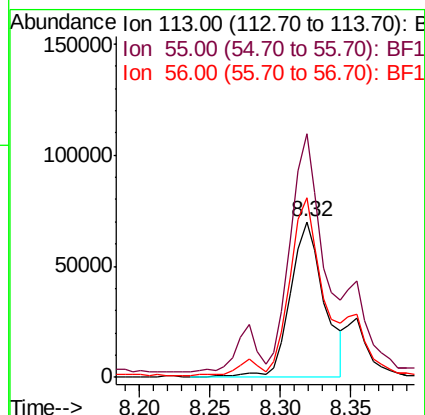
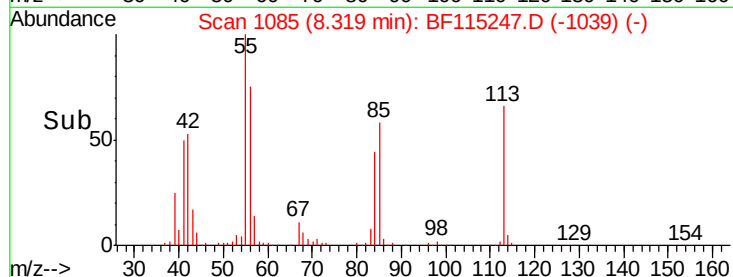
#35
 Caprolactam
 Concen: 28.085 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

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

Tgt Ion:113 Resp: 114142
 Ion Ratio Lower Upper
 113 100
 55 156.3 130.2 170.2
 56 115.4 91.6 131.6

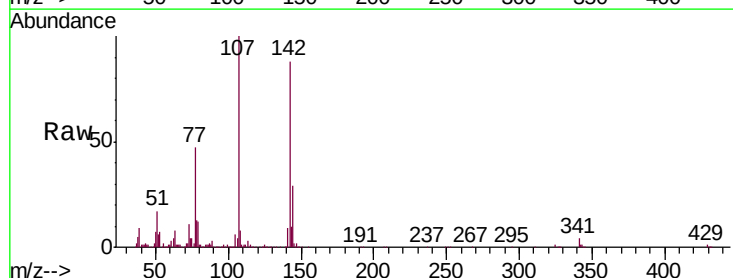


Abundance Ion 113.00 (112.70 to 113.70): E
 150000
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

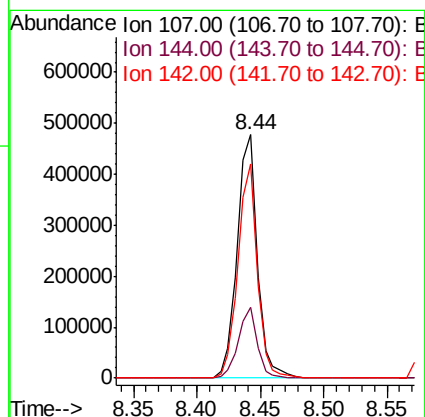
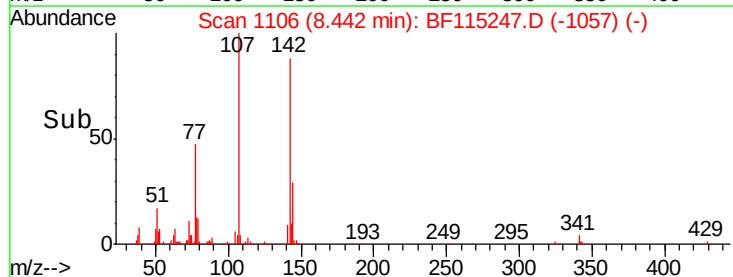


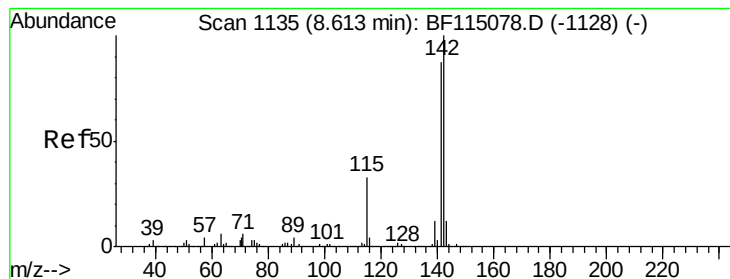
#36
 4-Chloro-3-methylphenol
 Concen: 42.702 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion:107 Resp: 522758
 Ion Ratio Lower Upper
 107 100
 144 28.9 21.7 32.5
 142 88.2 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 600000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.921 ng

RT: 8.59 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

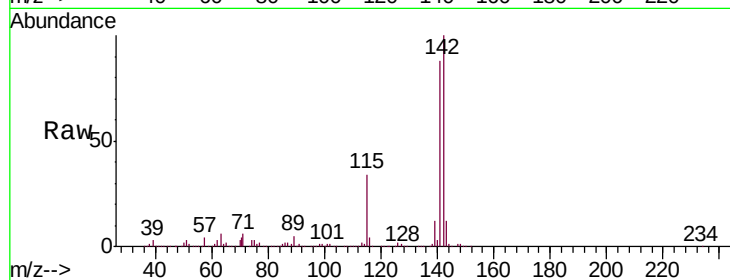
Tgt Ion:142 Resp: 1202664

Ion Ratio Lower Upper

142 100

141 87.9 69.8 104.6

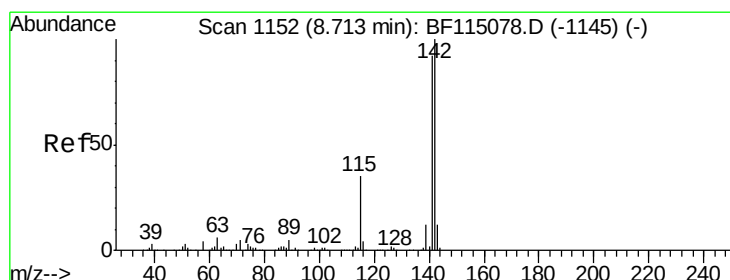
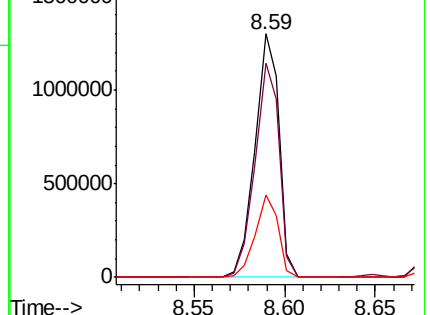
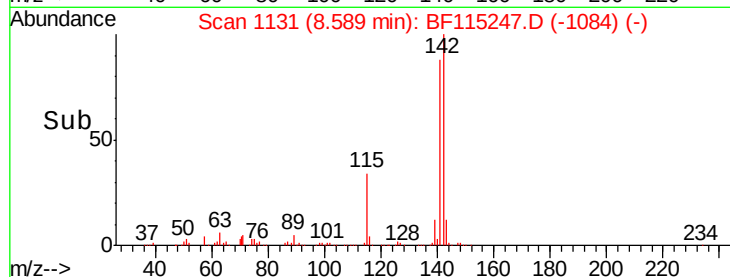
115 33.8 26.7 40.1



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: 43.761 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

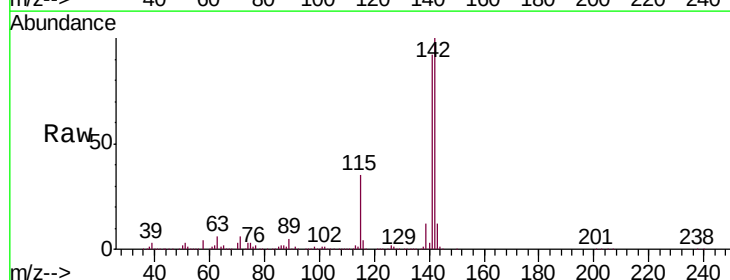
Tgt Ion:142 Resp: 1118964

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.8

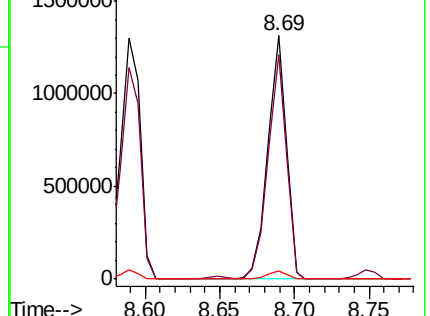
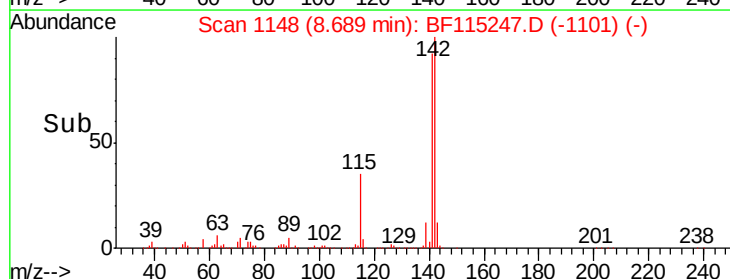
116 3.6 2.8 4.2

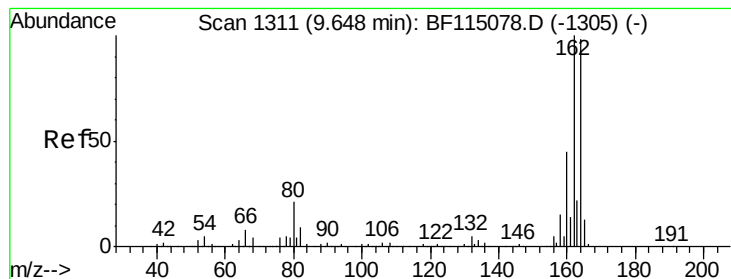


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

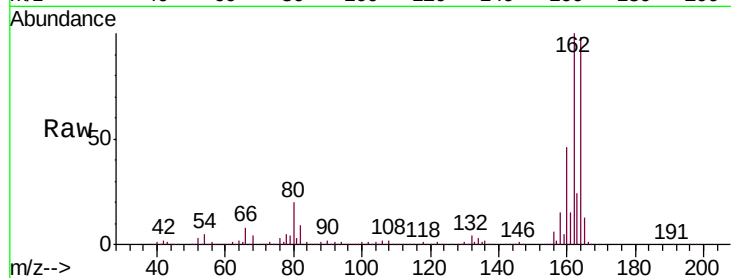
Tgt Ion:164 Resp: 400314

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

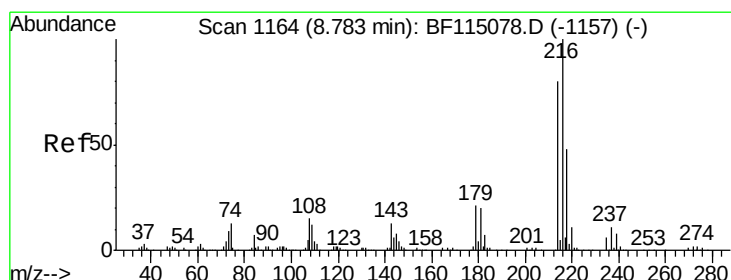
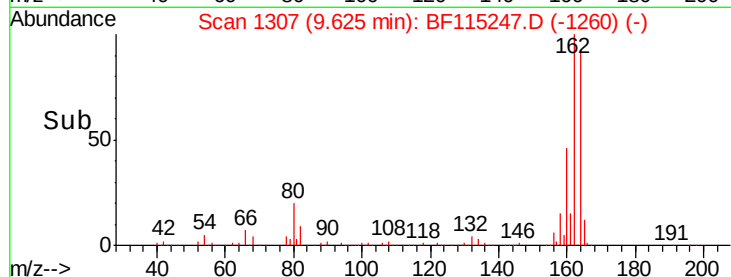
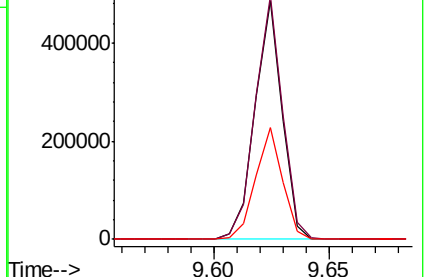
160 47.0 37.0 55.4



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: 46.461 ng

RT: 8.76 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Tgt Ion:216 Resp: 525576

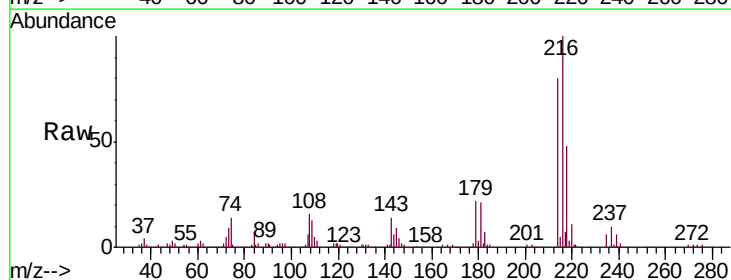
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.9 17.6 26.4

108 20.2 15.7 23.5

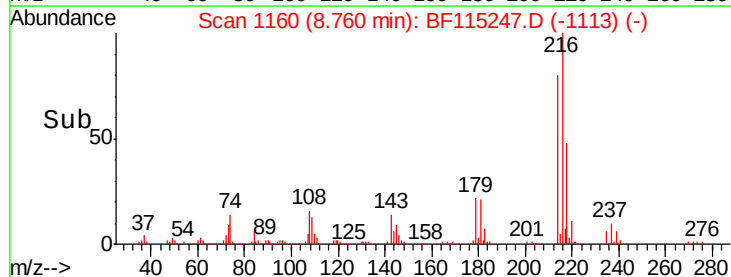
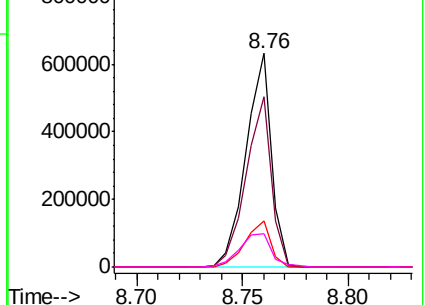


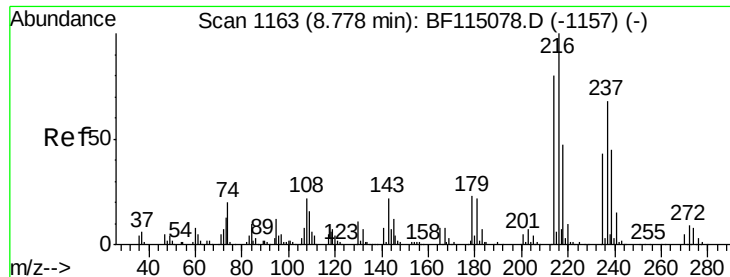
Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.646 ng

RT: 8.75 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

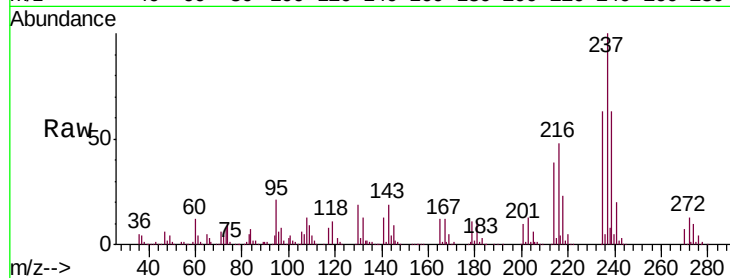
Tgt Ion: 237 Resp: 339716

Ion Ratio Lower Upper

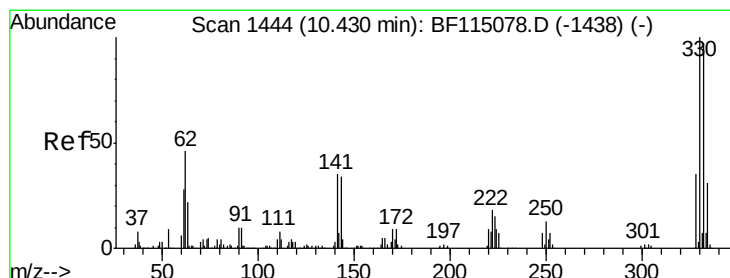
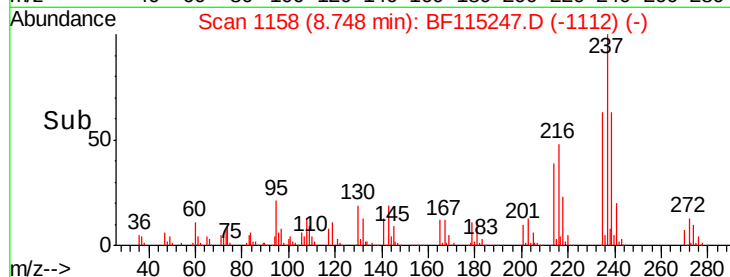
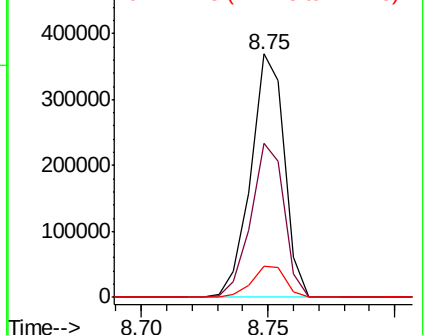
237 100

235 63.2 43.9 83.9

272 12.8 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: 131.998 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

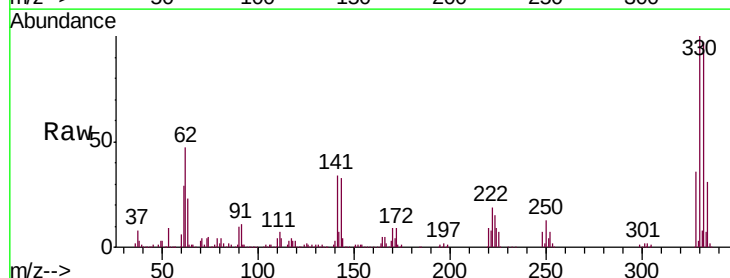
Tgt Ion: 330 Resp: 557224

Ion Ratio Lower Upper

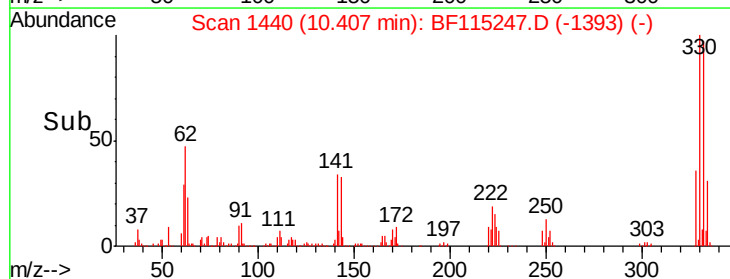
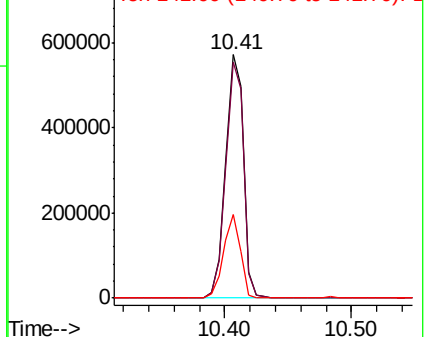
330 100

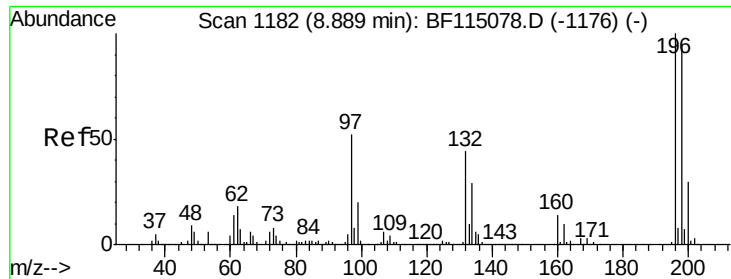
332 97.0 77.3 115.9

141 32.7 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

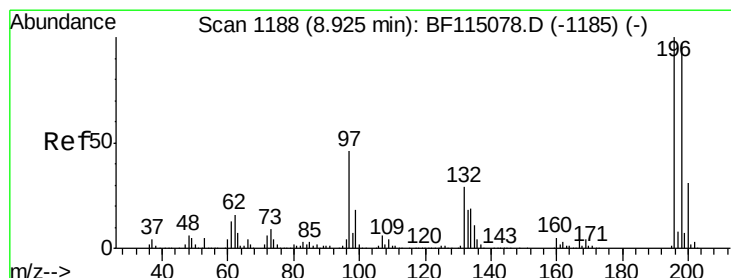
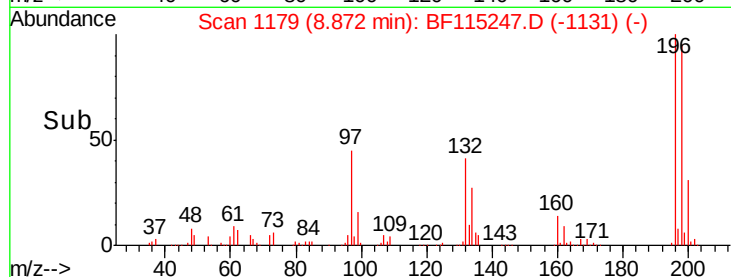
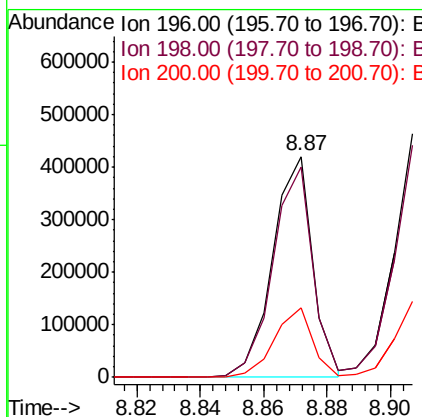
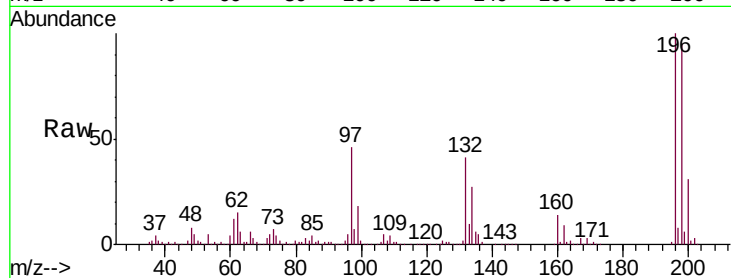




#43
 2,4,6-Trichlorophenol
 Concen: 42.370 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

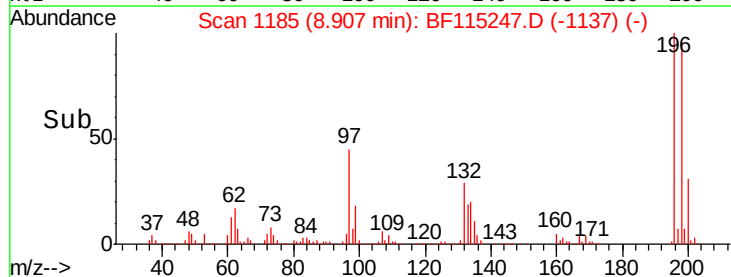
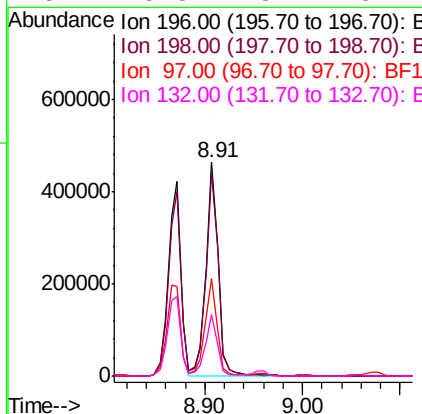
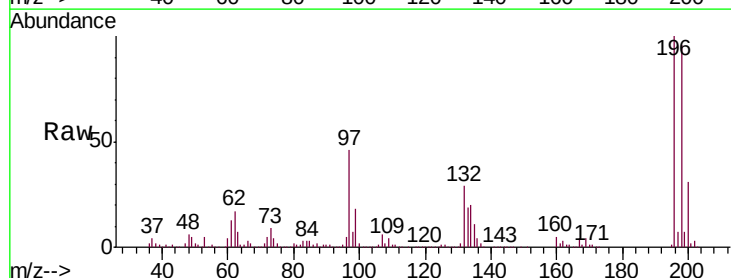
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

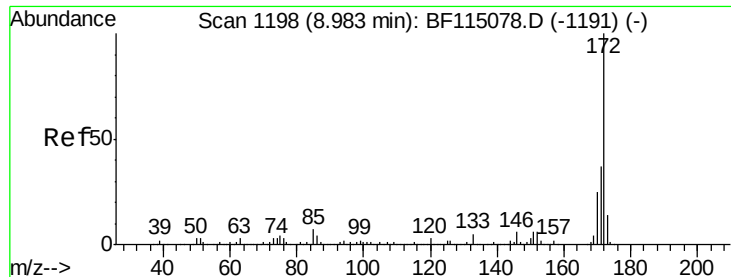
Tgt Ion:196 Resp: 370037
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 31.4 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 44.990 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion:196 Resp: 404624
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.1 115.7
 97 45.6 37.7 56.5
 132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 95.635 ng

RT: 8.96 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

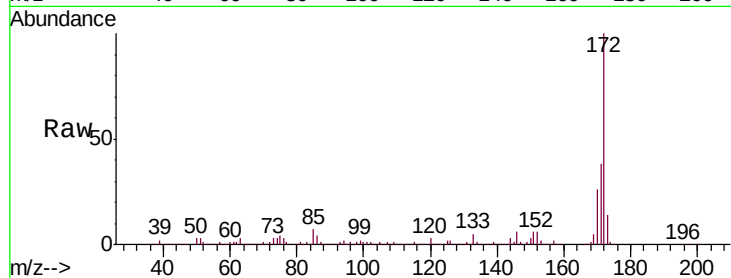
Tgt Ion:172 Resp: 2253818

Ion Ratio Lower Upper

172 100

171 37.8 29.8 44.6

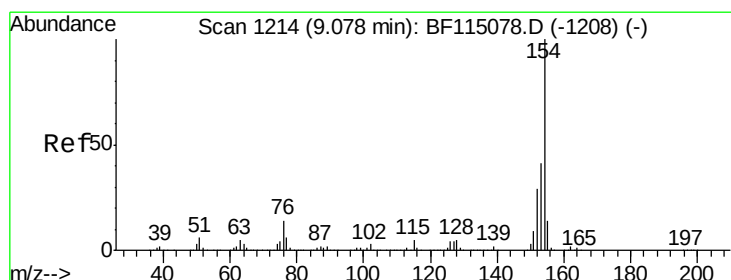
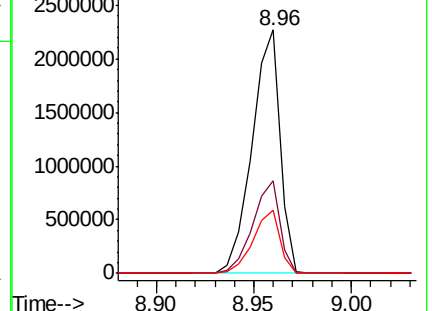
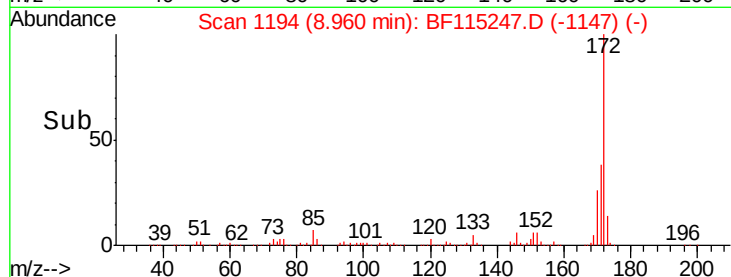
170 26.0 20.3 30.5



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: 44.355 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

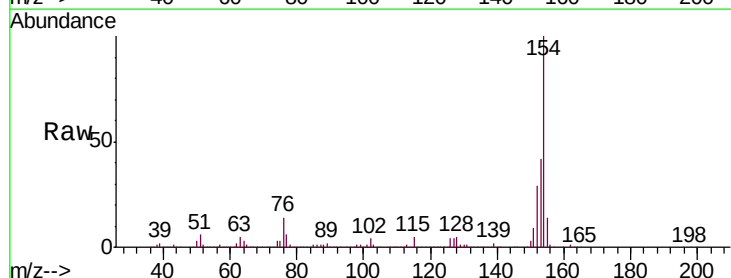
Tgt Ion:154 Resp: 1420712

Ion Ratio Lower Upper

154 100

153 41.7 20.9 60.9

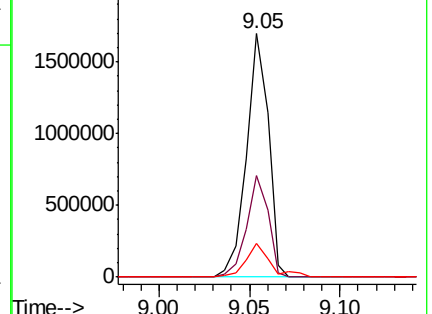
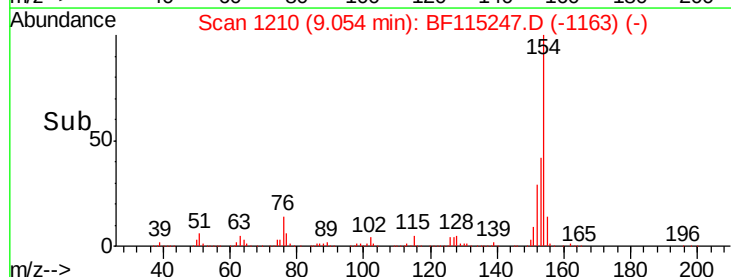
76 13.7 0.0 34.1

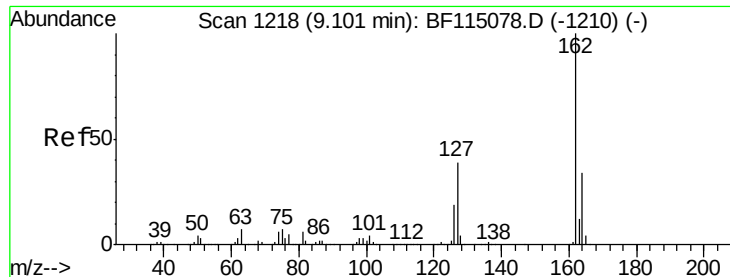


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

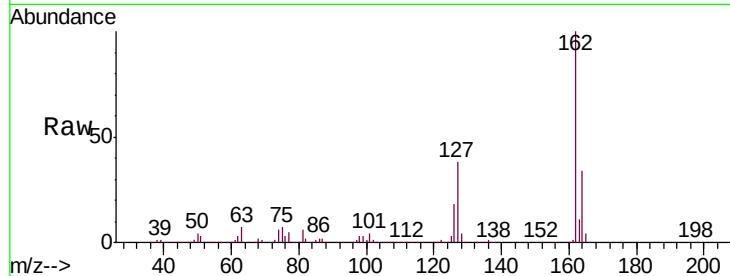




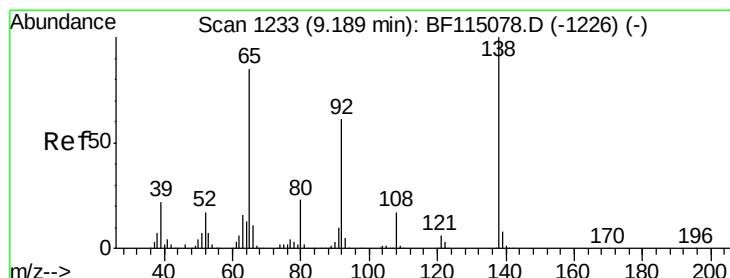
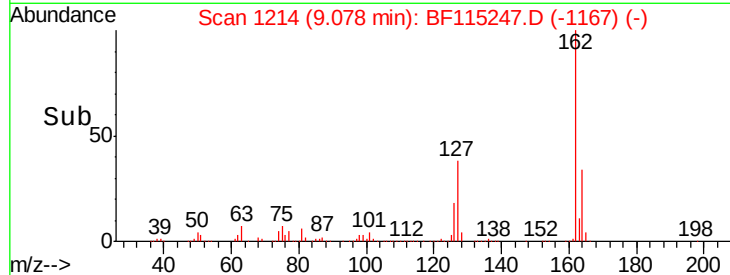
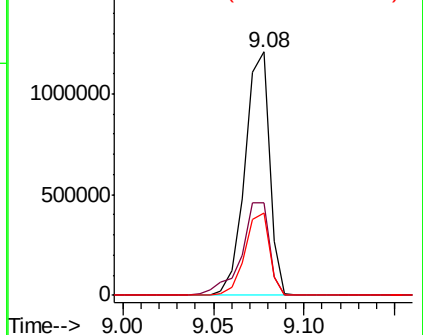
#47
2-Chloronaphthalene
Concen: 43.730 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

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

Tgt Ion: 162 Resp: 1136199
Ion Ratio Lower Upper
162 100
127 37.8 30.8 46.2
164 34.0 27.0 40.4

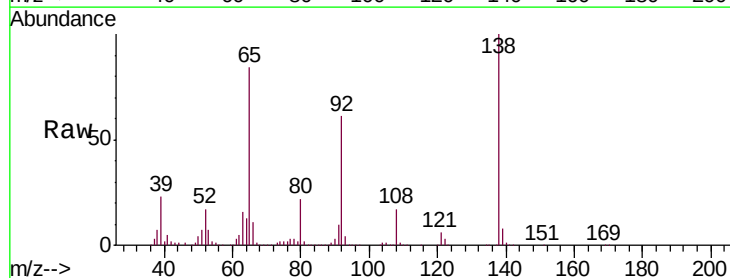


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

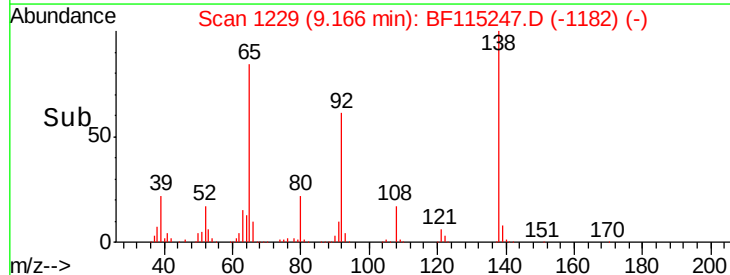
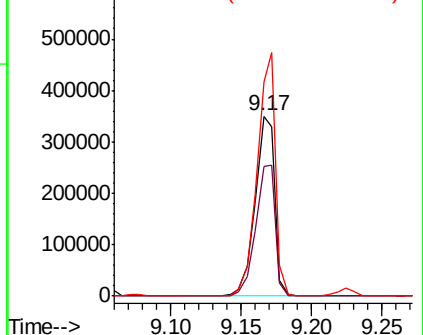


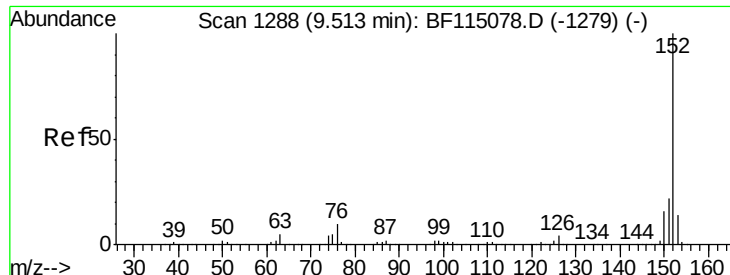
#48
2-Nitroaniline
Concen: 45.264 ng
RT: 9.17 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion: 65 Resp: 342870
Ion Ratio Lower Upper
65 100
92 72.3 57.4 86.2
138 119.3 94.1 141.1



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





#49

Acenaphthylene

Concen: 44.302 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

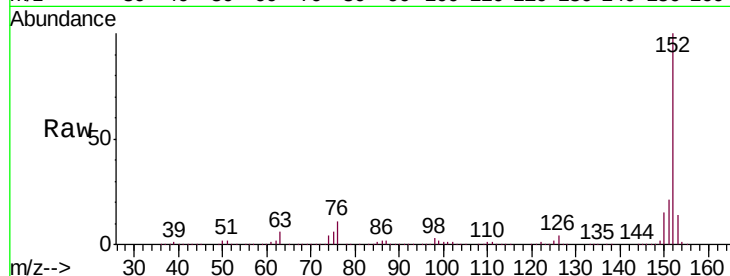
Tgt Ion:152 Resp: 1793394

Ion Ratio Lower Upper

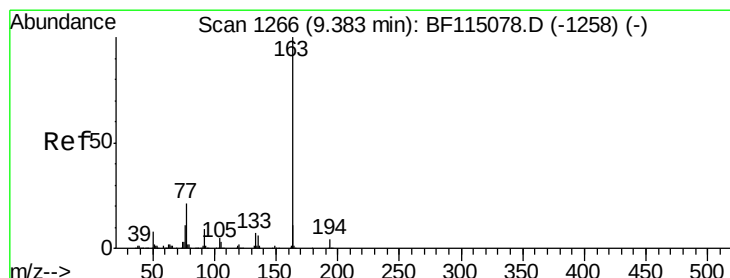
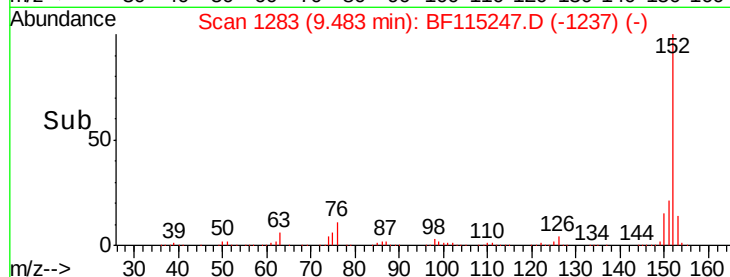
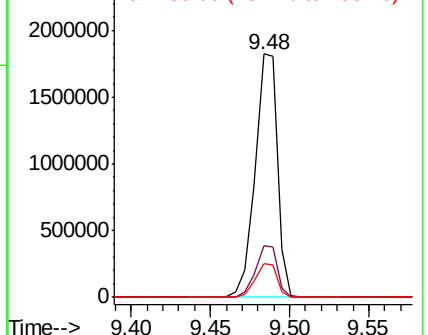
152 100

151 21.2 17.2 25.8

153 14.0 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: 46.134 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

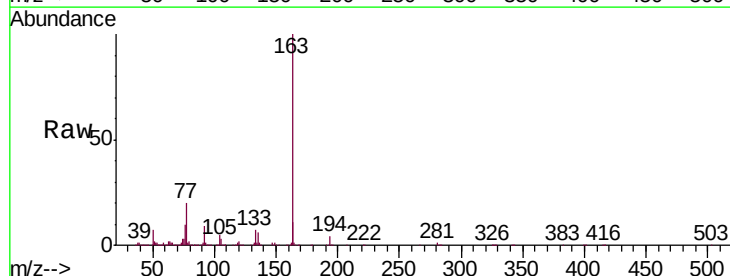
Tgt Ion:163 Resp: 1358742

Ion Ratio Lower Upper

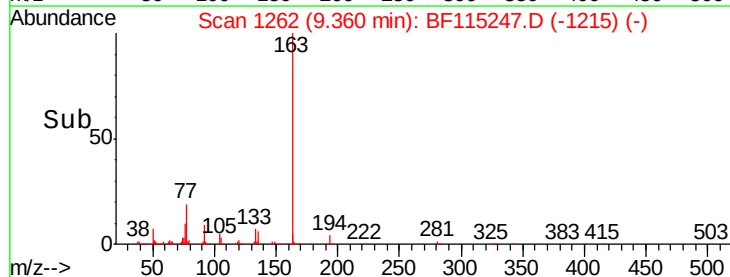
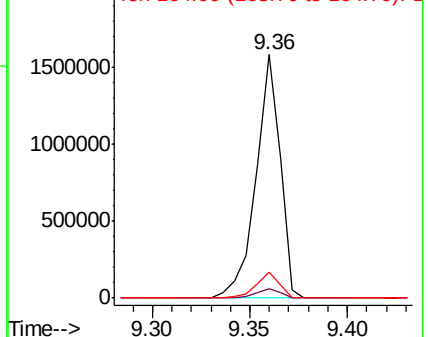
163 100

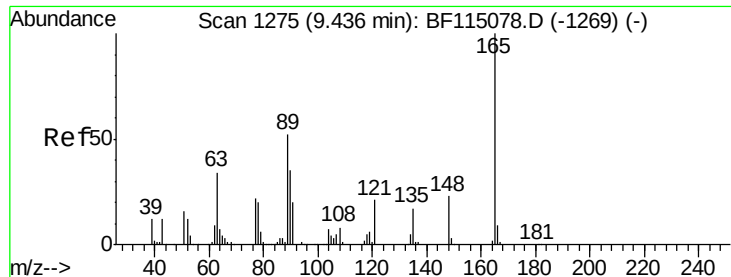
194 4.0 3.2 4.8

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: 46.293 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

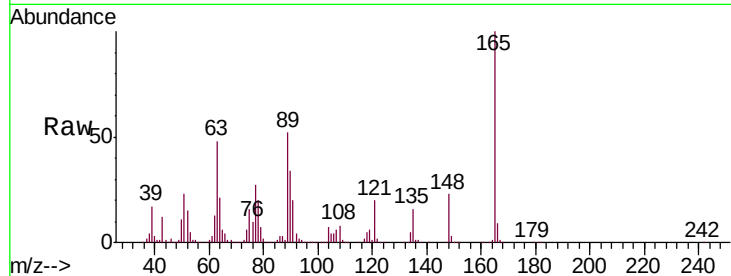
Tgt Ion:165 Resp: 314774

Ion Ratio Lower Upper

165 100

63 48.3 39.4 59.2

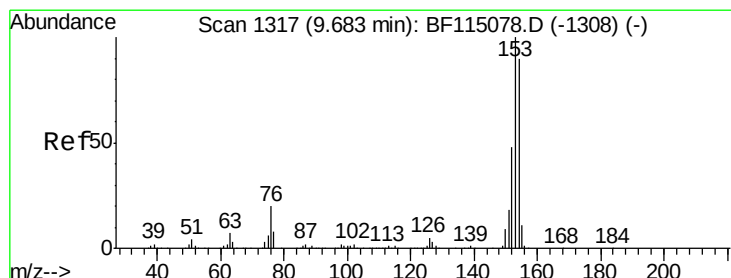
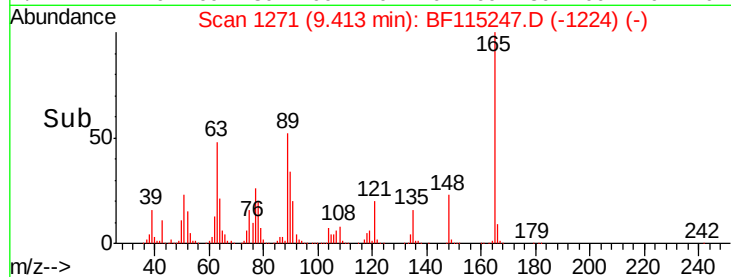
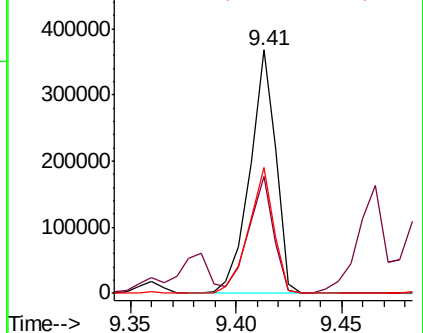
89 51.6 42.0 63.0



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: 41.582 ng

RT: 9.66 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

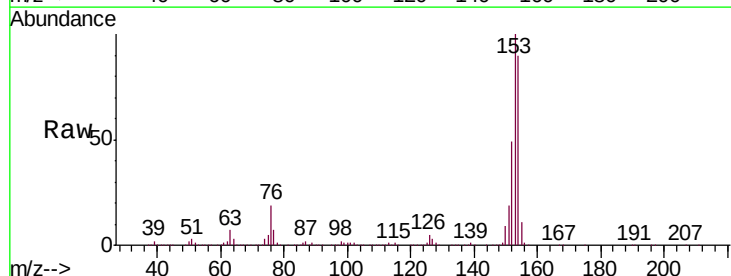
Tgt Ion:154 Resp: 1053295

Ion Ratio Lower Upper

154 100

153 111.4 88.7 133.1

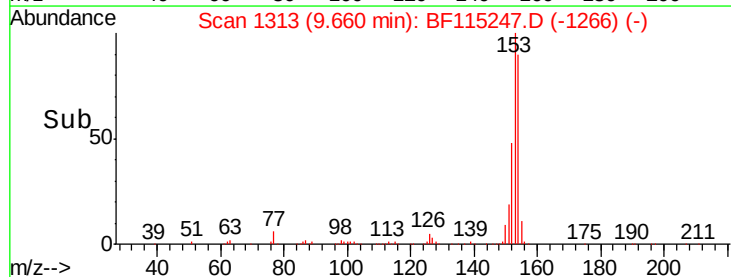
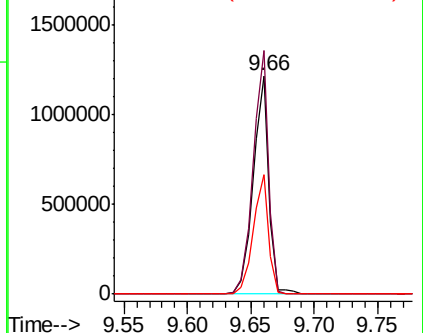
152 54.8 42.6 64.0

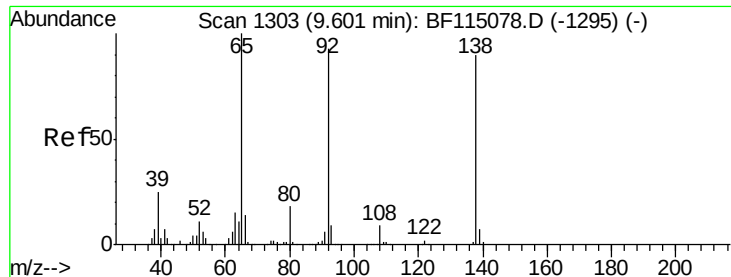


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

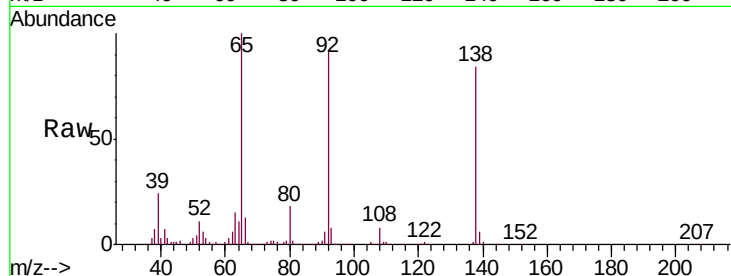




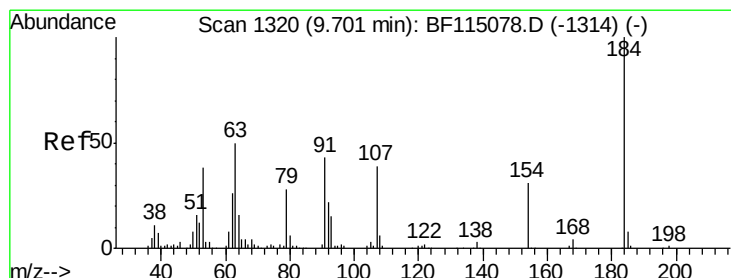
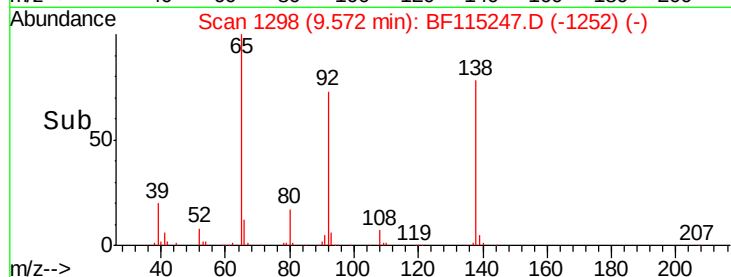
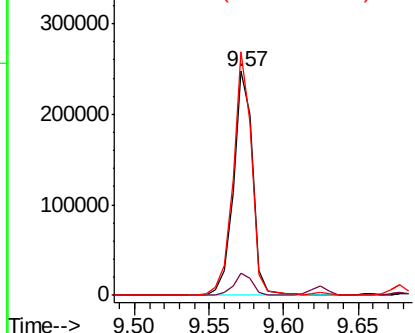
#53
3-Nitroaniline
Concen: 27.003 ng
RT: 9.57 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

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

Tgt Ion:138 Resp: 224066
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 108.7 82.9 124.3

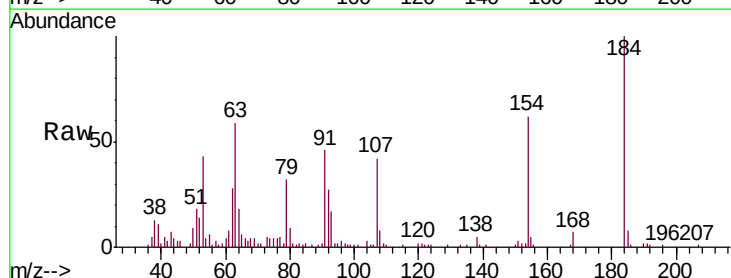


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

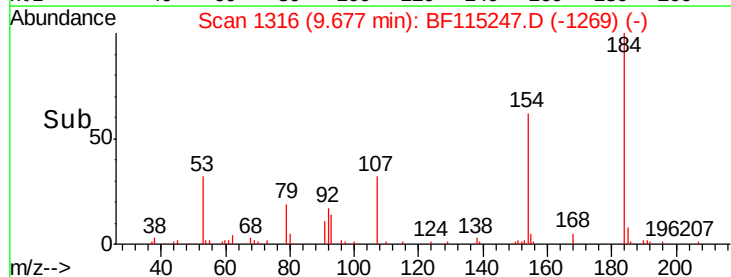
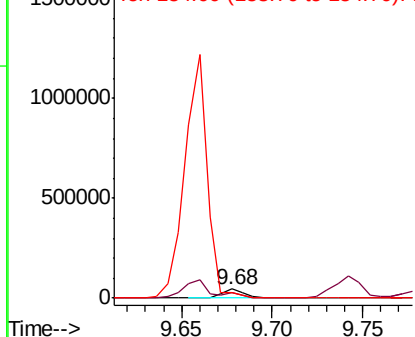


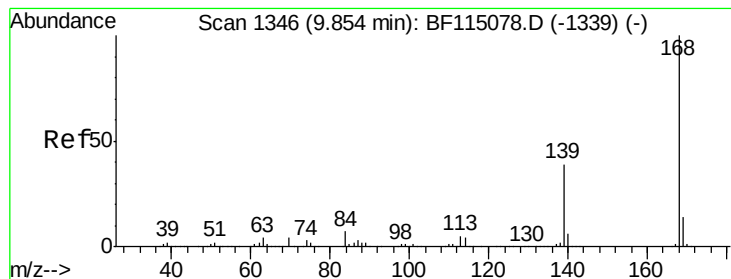
#54
2,4-Dinitrophenol
Concen: 16.910 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:184 Resp: 36855
Ion Ratio Lower Upper
184 100
63 59.0 41.9 62.9
154 62.1 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

Dibenzenofuran

Concen: 43.536 ng

RT: 9.83 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

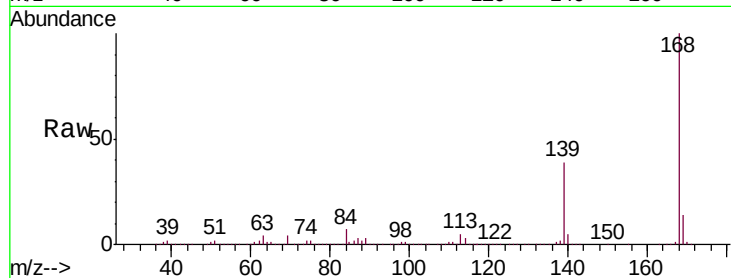
Tgt Ion:168 Resp: 1582828

Ion Ratio Lower Upper

168 100

139 38.8 31.1 46.7

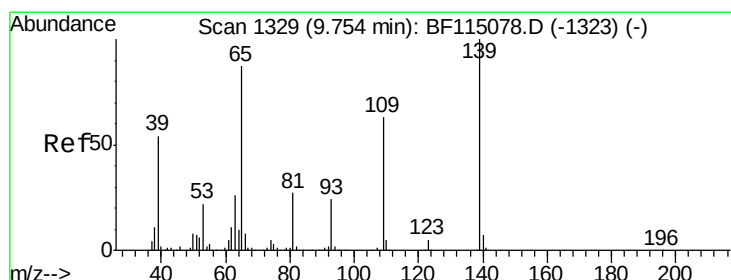
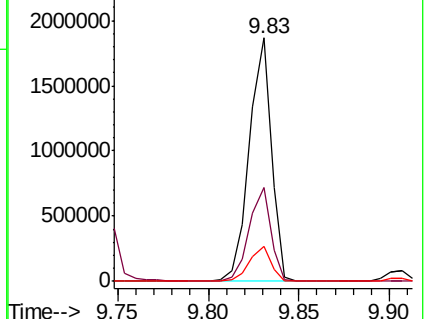
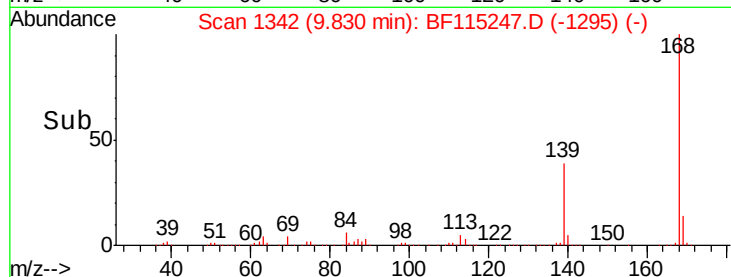
169 14.2 11.3 16.9



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: 77.286 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

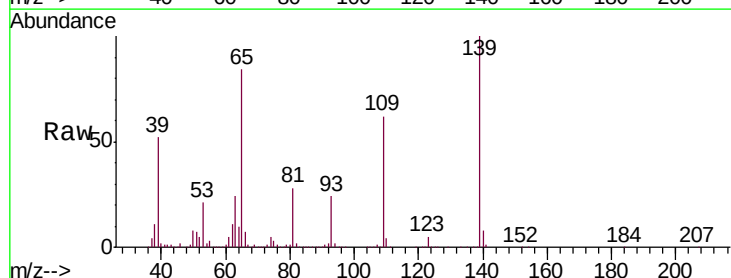
Tgt Ion:139 Resp: 514124

Ion Ratio Lower Upper

139 100

109 61.8 43.0 83.0

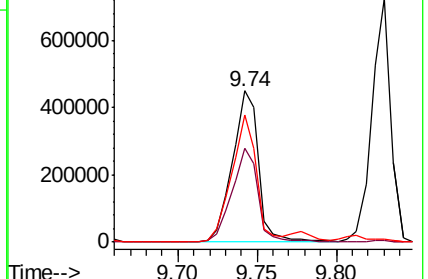
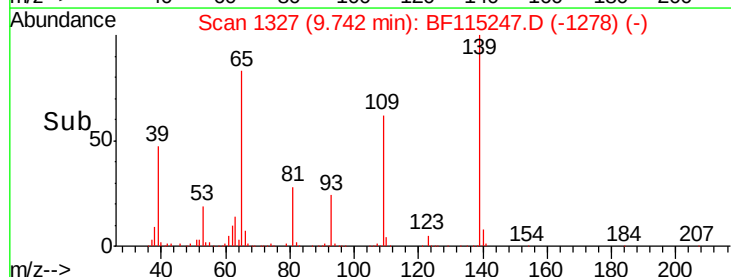
65 84.0 67.0 107.0

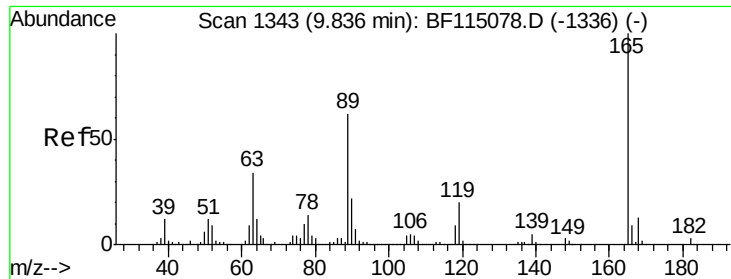


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

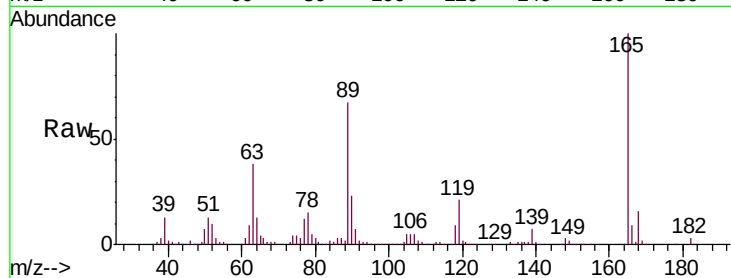




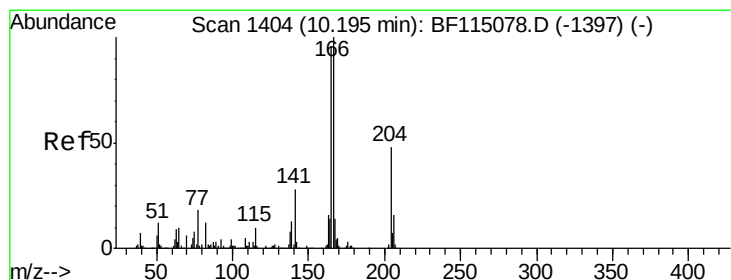
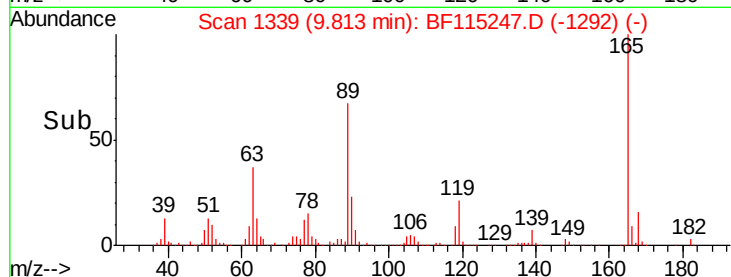
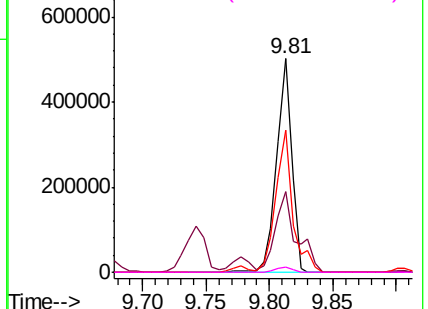
#57
2,4-Dinitrotoluene
Concen: 47.256 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

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

Tgt Ion:165 Resp: 414889
Ion Ratio Lower Upper
165 100
63 37.6 27.5 41.3
89 66.7 49.9 74.9
182 2.6 2.1 3.1

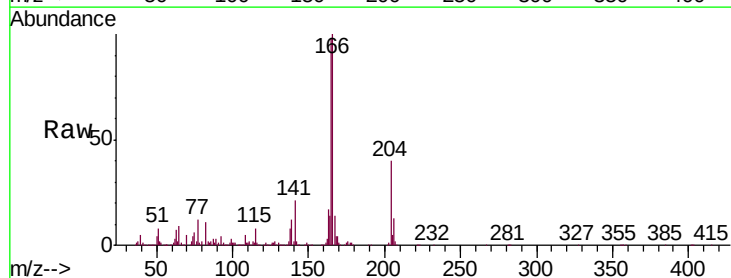


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

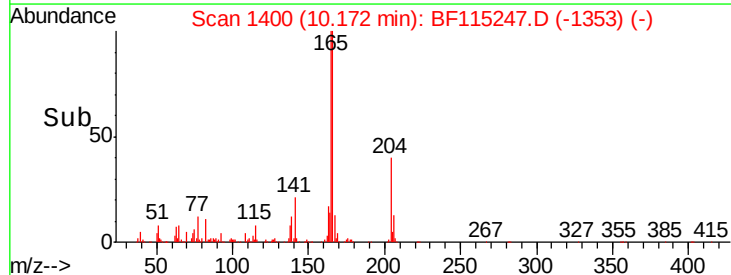
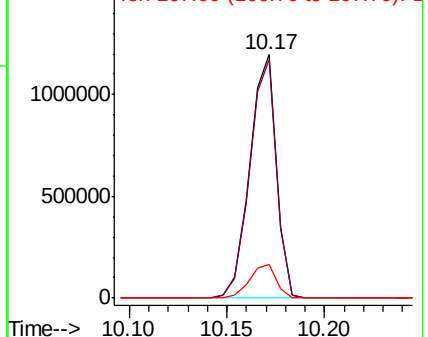


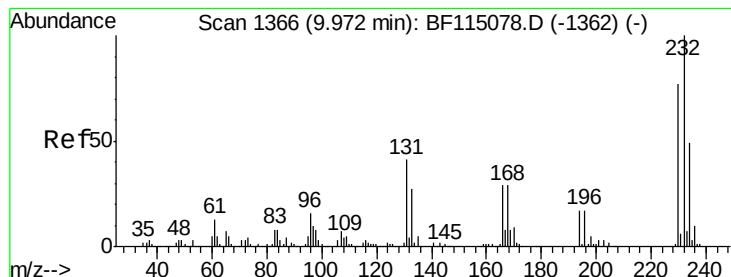
#58
Fluorene
Concen: 46.717 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:166 Resp: 1124741
Ion Ratio Lower Upper
166 100
165 98.2 76.5 114.7
167 13.6 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: 42.111 ng

RT: 9.95 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tgt Ion:232 Resp: 317577

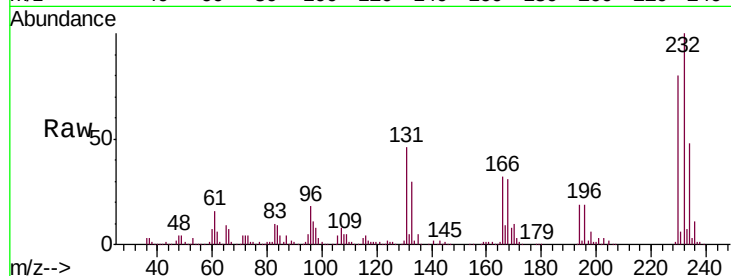
Ion Ratio Lower Upper

232 100

131 45.2 37.4 56.0

130 2.1 1.8 2.6

166 31.0 24.6 36.8

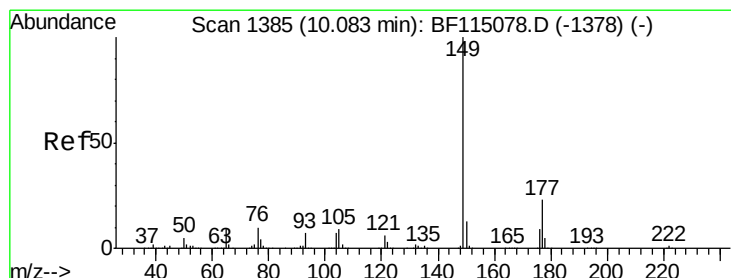
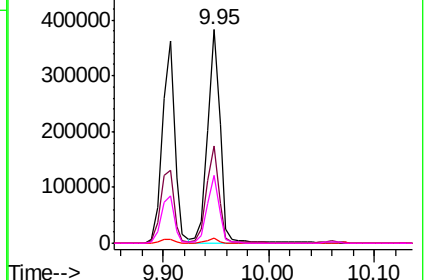
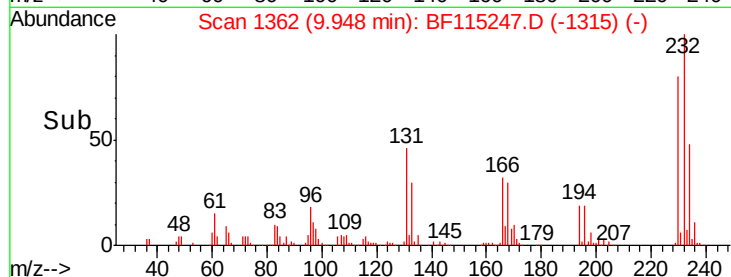


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.354 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

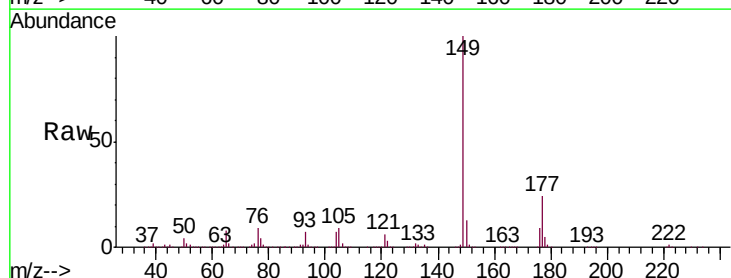
Tgt Ion:149 Resp: 1313114

Ion Ratio Lower Upper

149 100

177 23.5 18.7 28.1

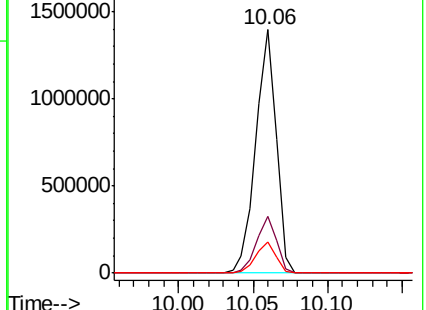
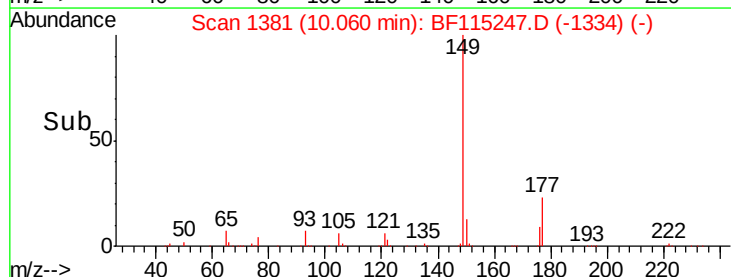
150 12.7 10.4 15.6

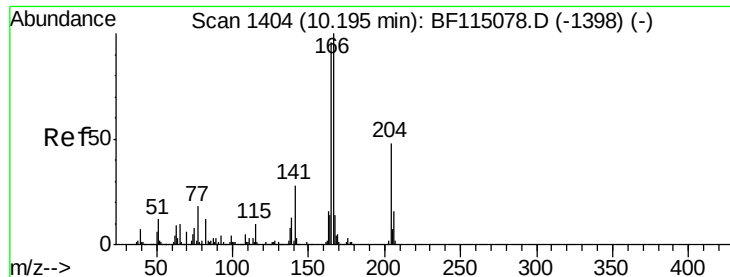


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

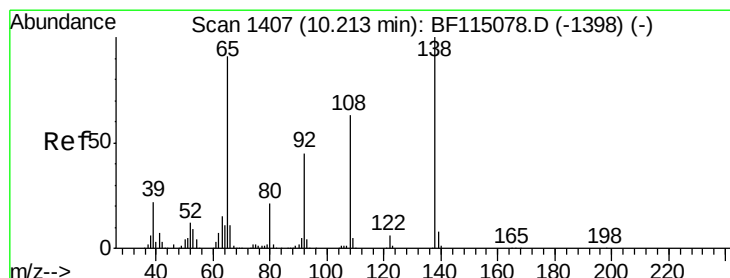
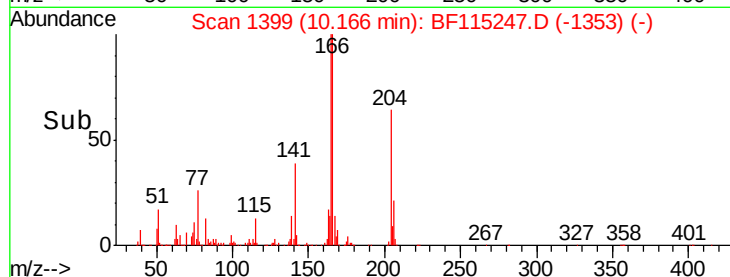
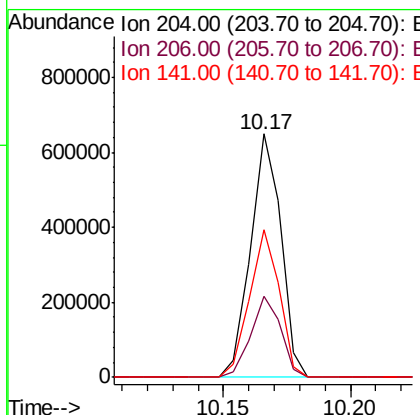
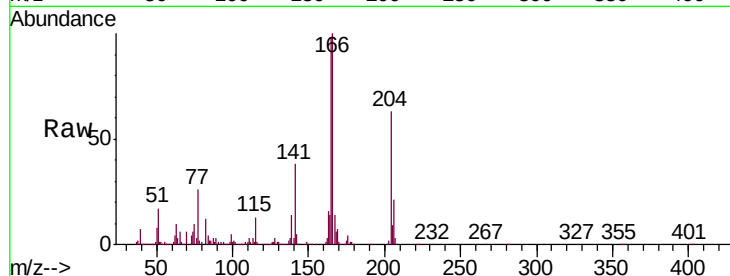




#61
4-Chlorophenyl-phenylether
Concen: 47.729 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.03 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

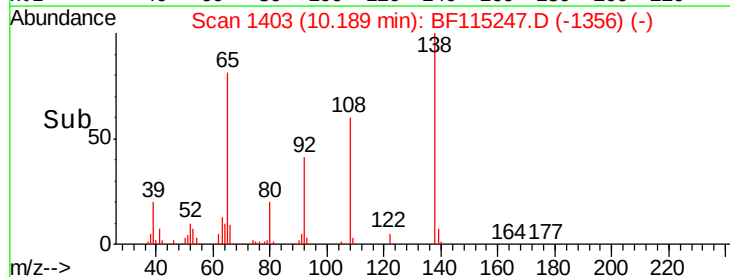
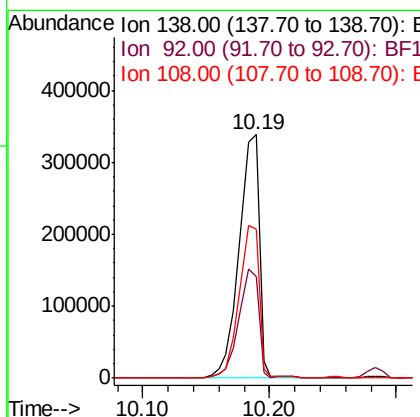
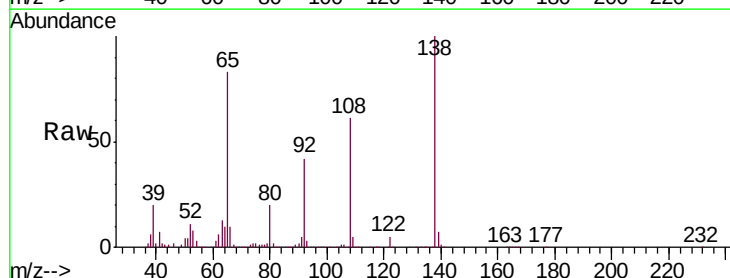
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

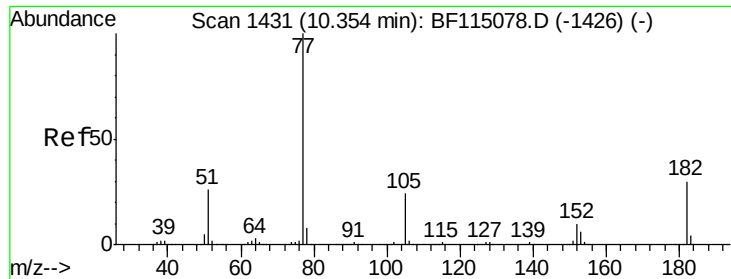
Tgt Ion: 204 Resp: 544282
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 60.5 46.7 70.1



#62
4-Nitroaniline
Concen: 44.929 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion: 138 Resp: 373996
Ion Ratio Lower Upper
138 100
92 41.5 24.8 64.8
108 61.0 43.3 83.3

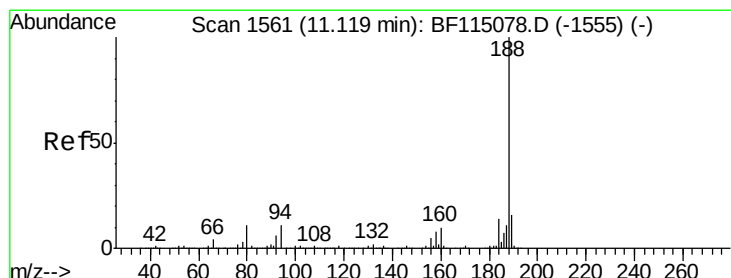
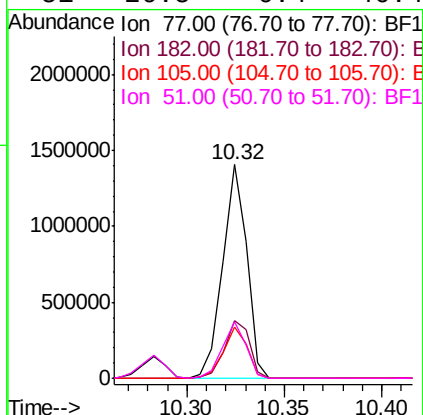
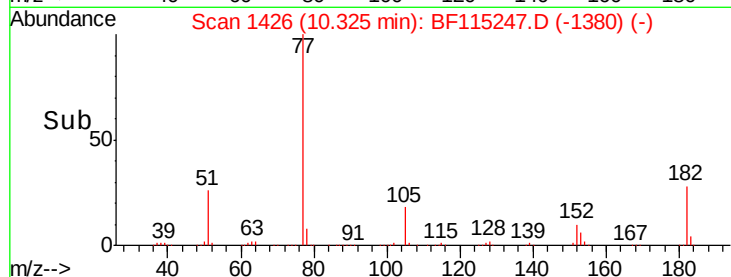
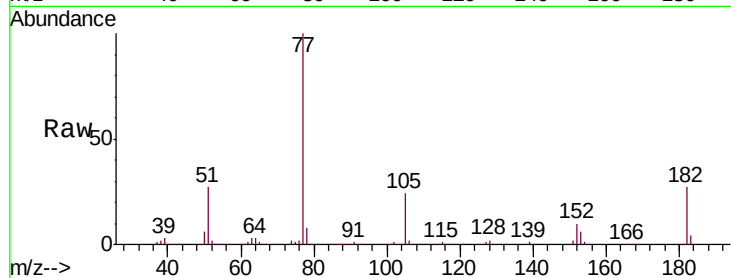




#63
Azobenzene
Concen: 43.467 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

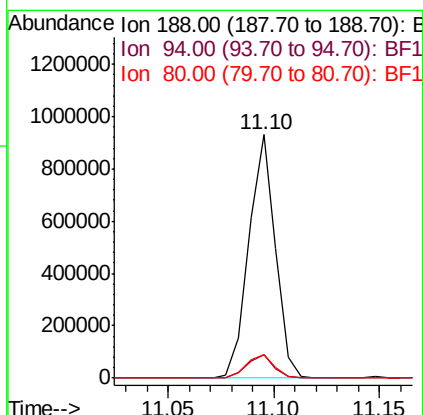
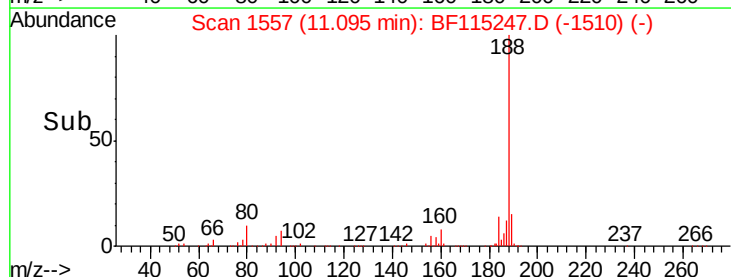
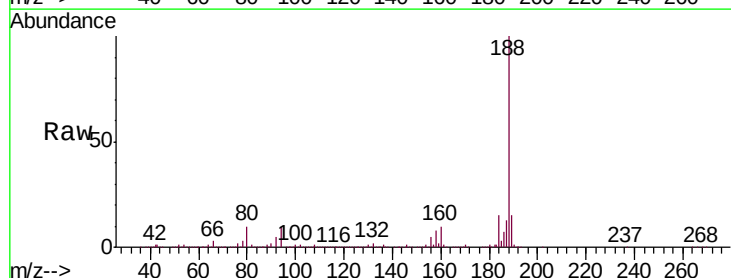
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

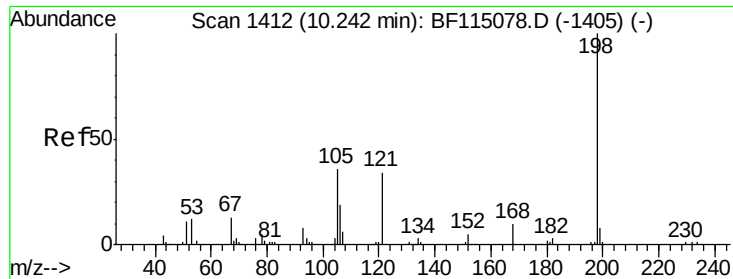
Tgt Ion: 77 Resp: 1201965
Ion Ratio Lower Upper
77 100
182 27.0 10.1 50.1
105 23.9 4.5 44.5
51 26.5 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion: 188 Resp: 809739
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 9.8 8.8 13.2

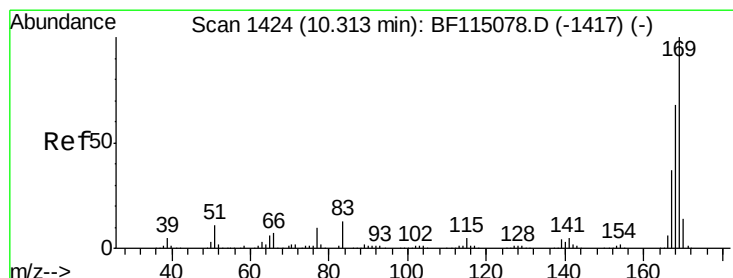
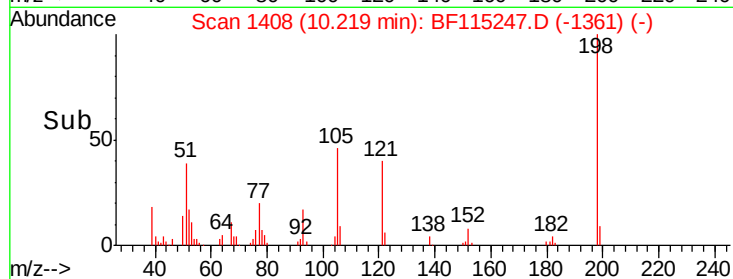
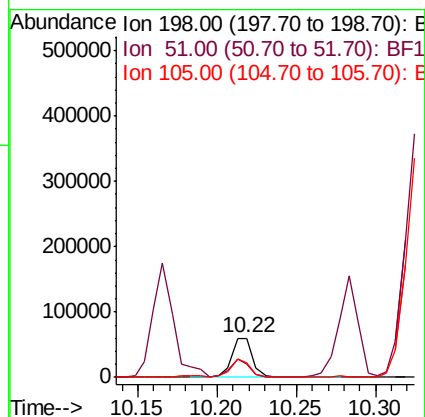
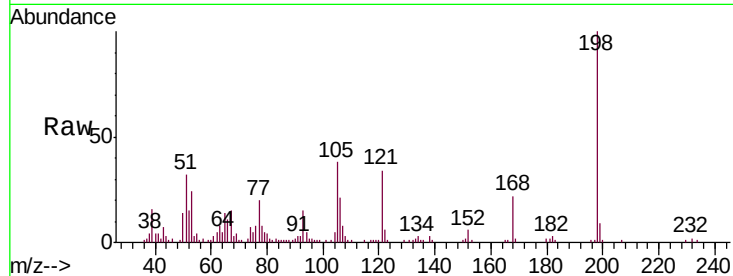




#65
4,6-Dinitro-2-methylphenol
Concen: 16.488 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

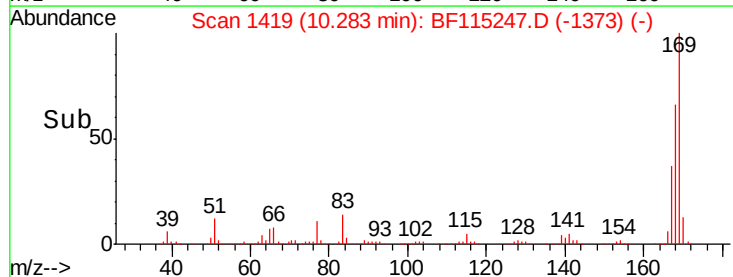
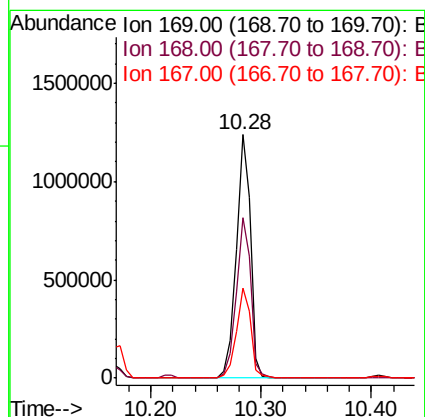
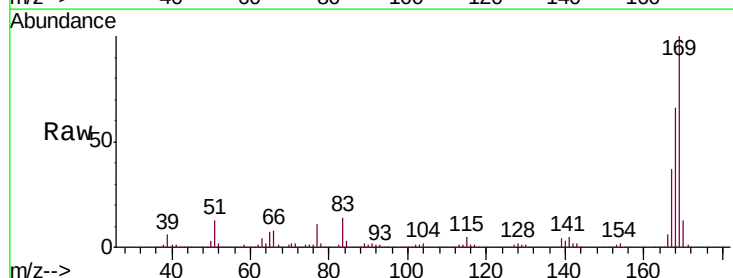
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

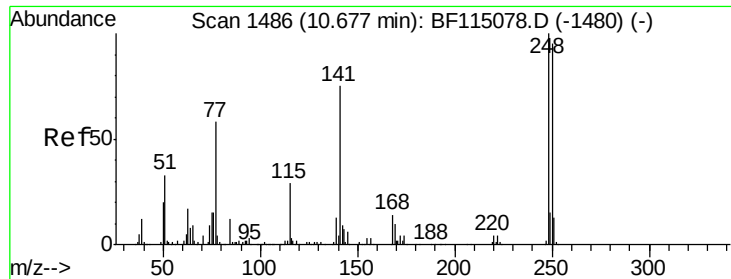
Tgt Ion:198 Resp: 55392
Ion Ratio Lower Upper
198 100
51 32.2 11.0 51.0
105 38.3 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 44.147 ng
RT: 10.28 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:169 Resp: 1113713
Ion Ratio Lower Upper
169 100
168 66.0 54.2 81.4
167 36.7 29.4 44.0

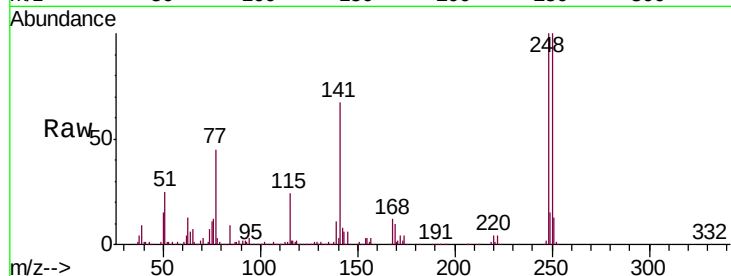




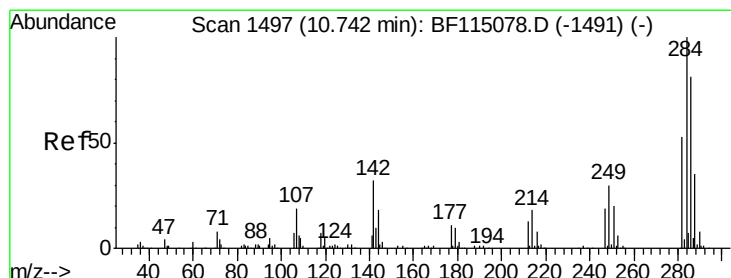
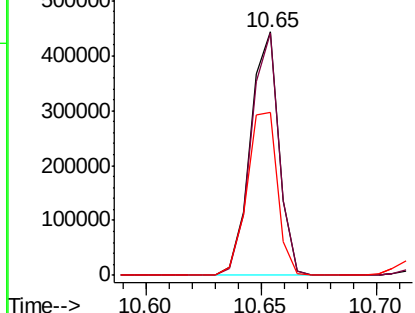
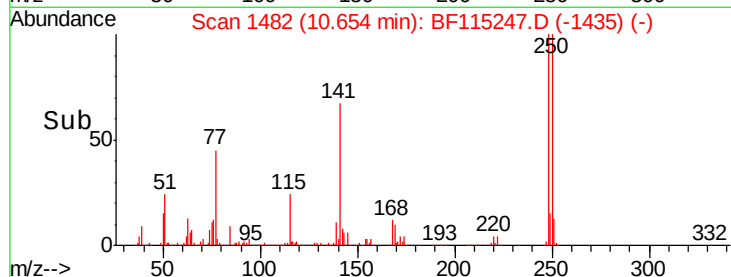
#67
4-Bromophenyl-phenylether
Concen: 43.601 ng
RT: 10.65 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

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

Tgt Ion:248 Resp: 382787
Ion Ratio Lower Upper
248 100
250 99.6 76.2 114.2
141 66.8 59.6 89.4

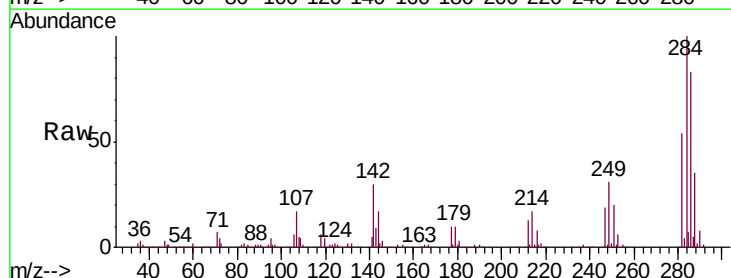


Abundance Ion 248.00 (247.70 to 248.70): E
600000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

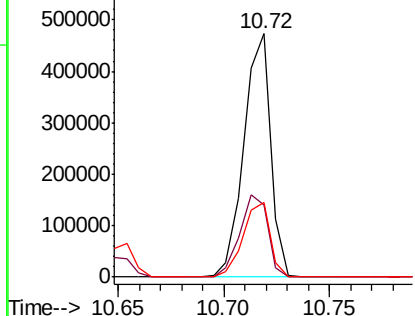
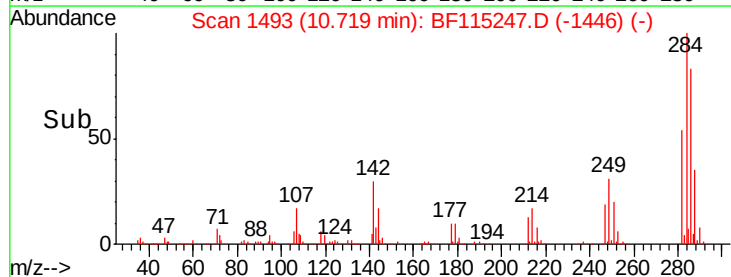


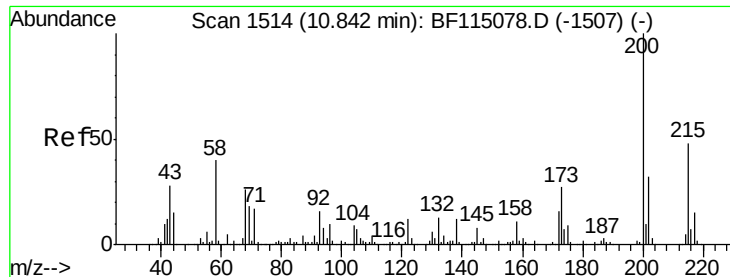
#68
Hexachlorobenzene
Concen: 43.788 ng
RT: 10.72 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:284 Resp: 417272
Ion Ratio Lower Upper
284 100
142 29.6 25.8 38.8
249 30.6 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
600000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

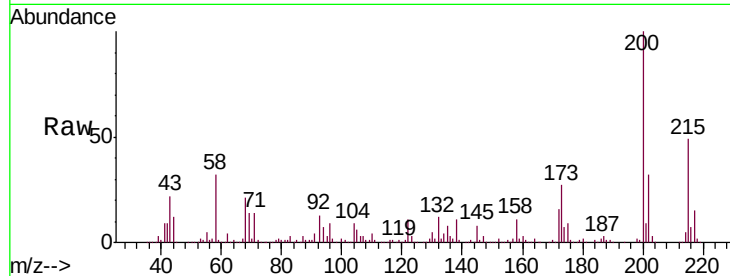




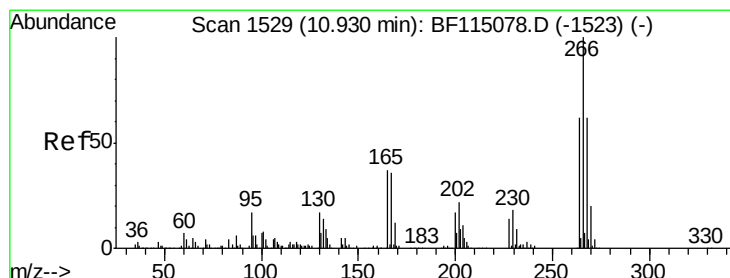
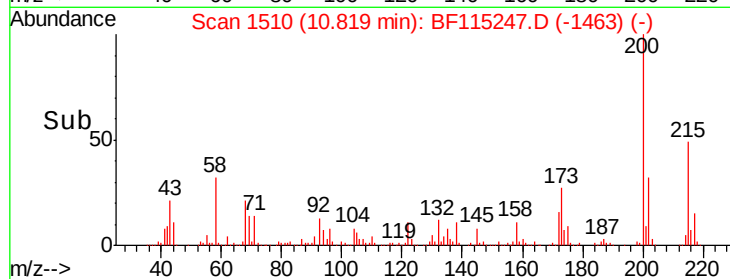
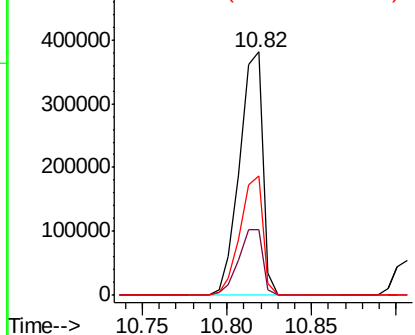
#69
 Atrazine
 Concen: 45.049 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

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

Tgt Ion:200 Resp: 365583
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.4 47.4
 215 48.8 27.8 67.8

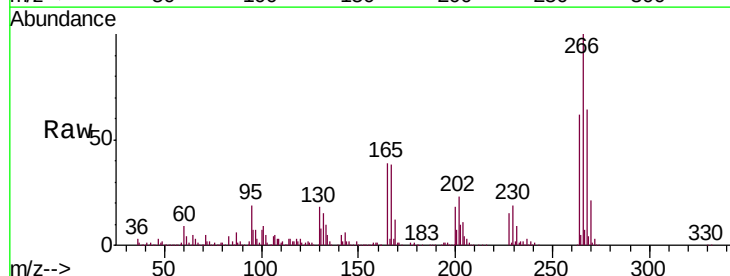


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

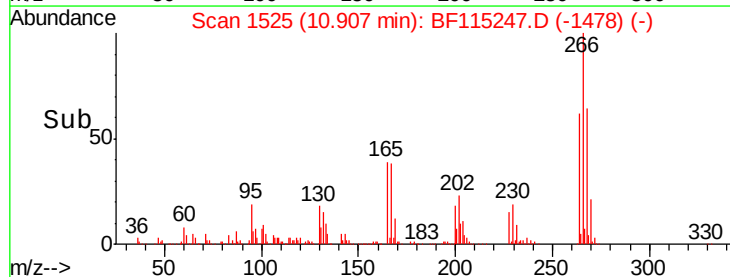
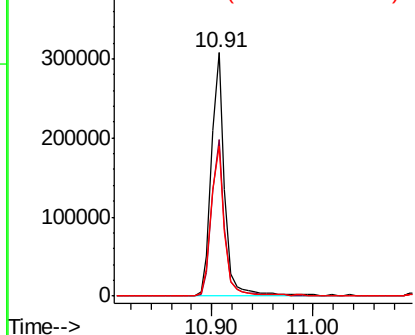


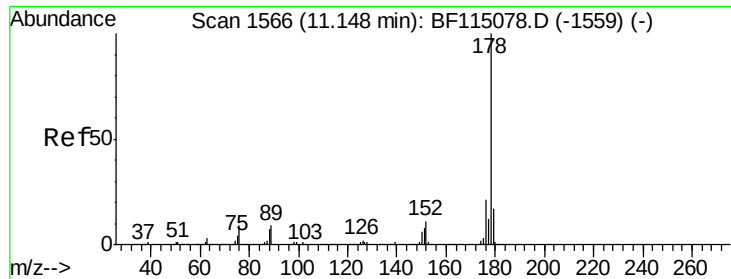
#70
 Pentachlorophenol
 Concen: 46.430 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion:266 Resp: 281872
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.5 74.3
 264 61.6 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

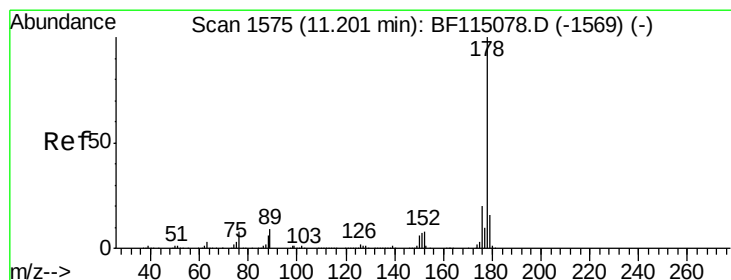
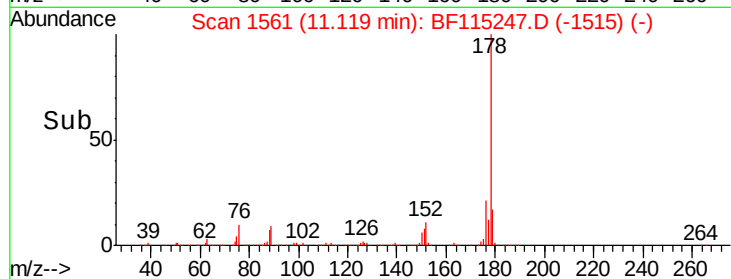
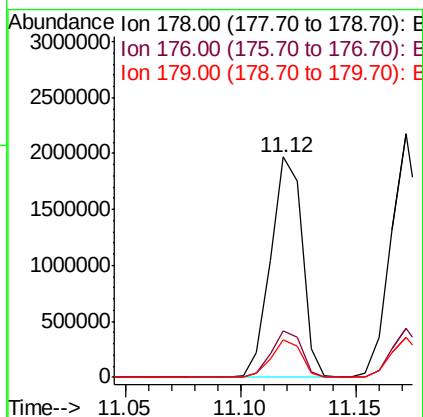
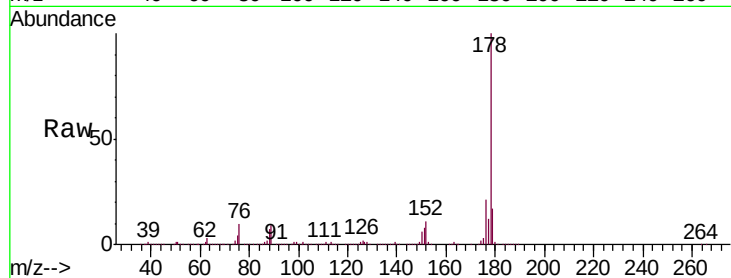




#71
Phenanthrene
Concen: 42.832 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

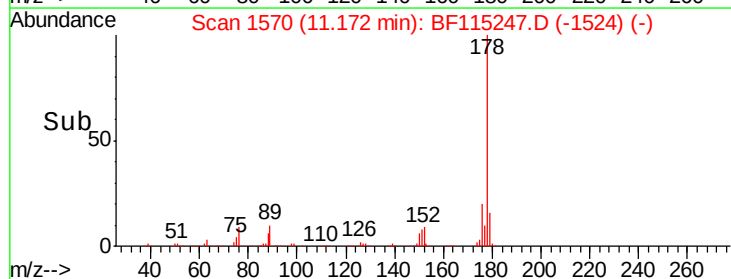
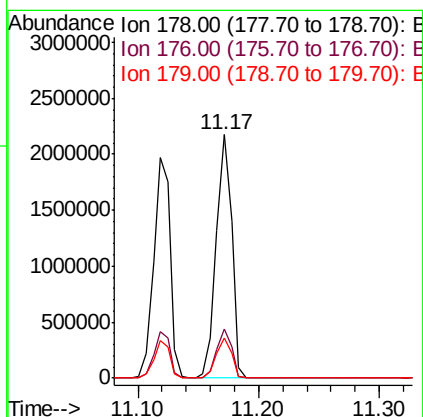
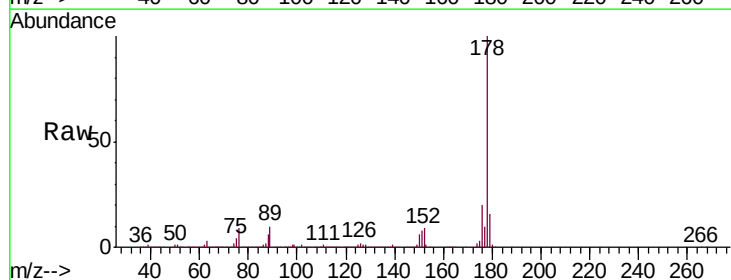
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

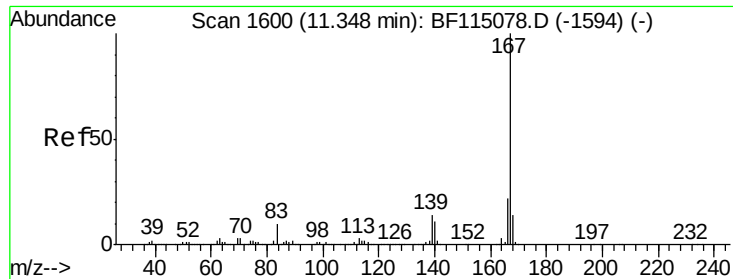
Tgt Ion:178 Resp: 1867390
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.8 13.2 19.8



#72
Anthracene
Concen: 43.453 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:178 Resp: 1912310
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.4 12.9 19.3

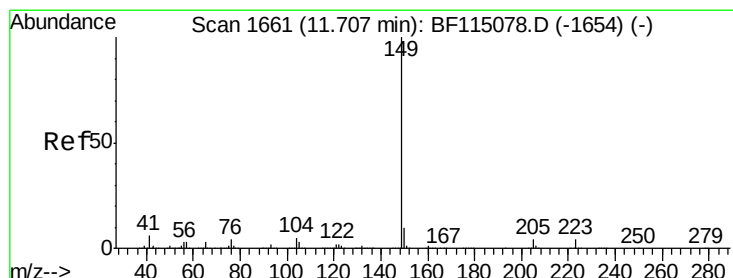
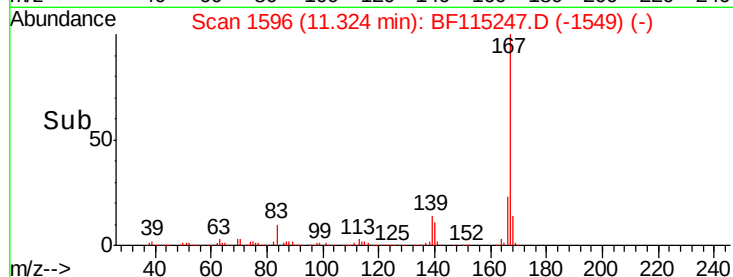
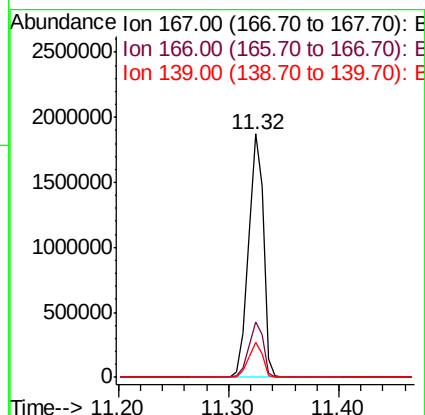
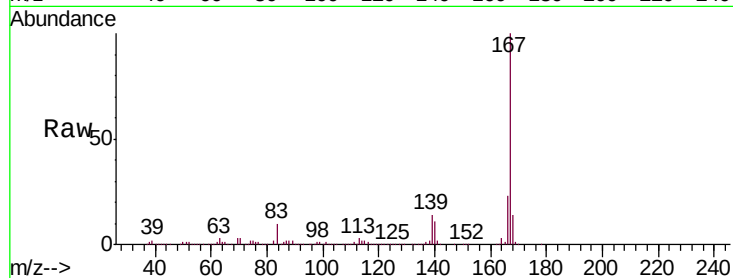




#73
 Carbazole
 Concen: 45.112 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

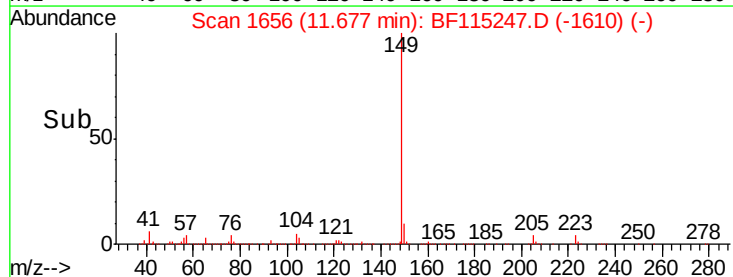
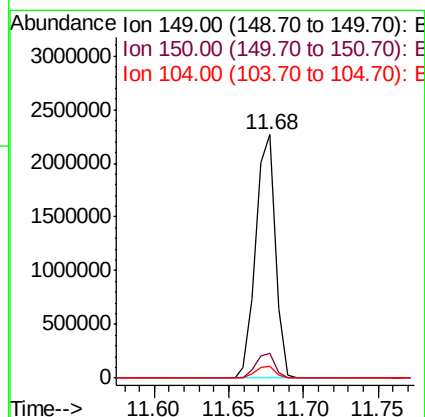
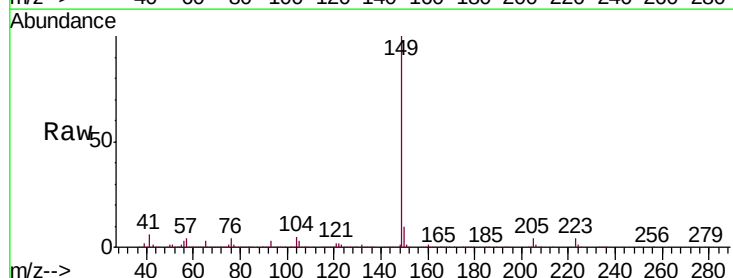
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

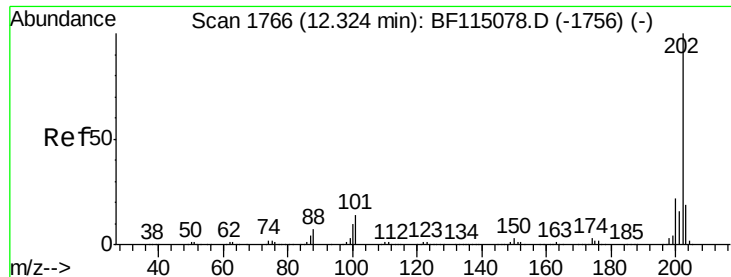
Tgt Ion:167 Resp: 1772830
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.961 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion:149 Resp: 2041736
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.7 3.7 5.5

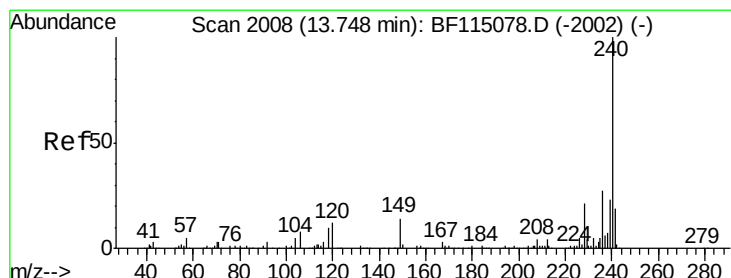
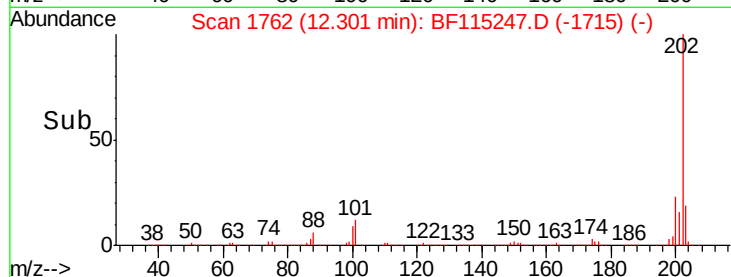
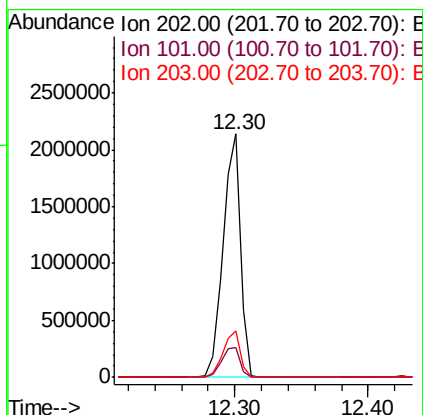
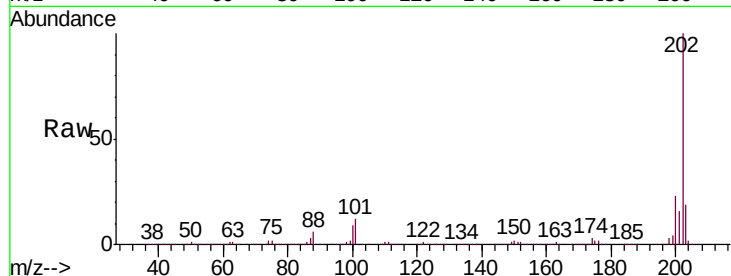




#75
 Fluoranthene
 Concen: 45.256 ng
 RT: 12.30 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

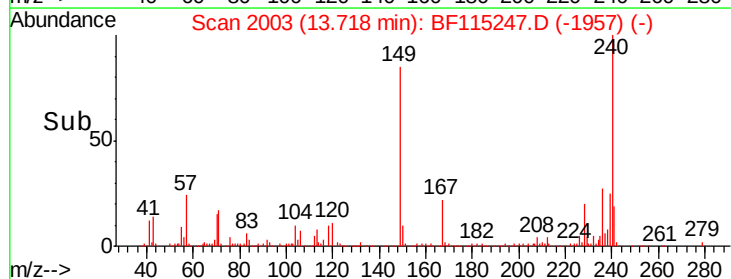
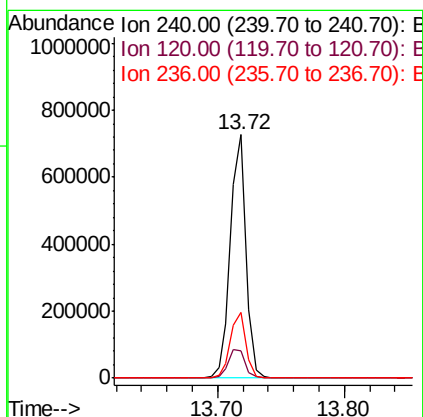
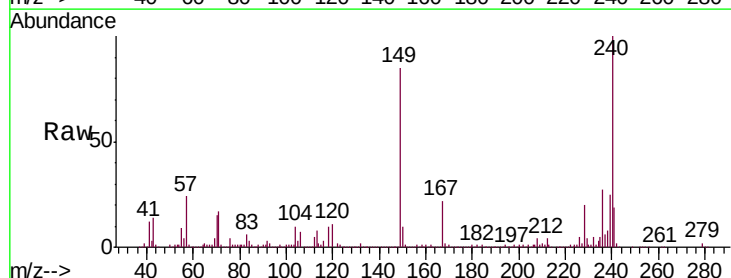
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

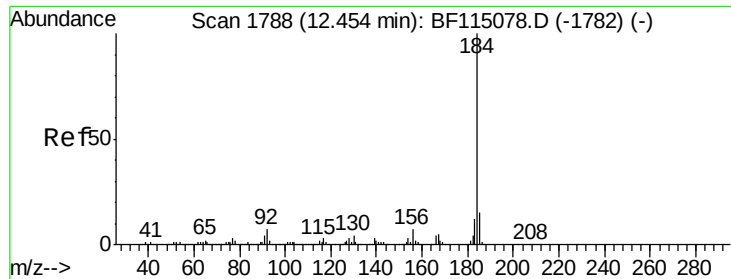
Tgt Ion: 202 Resp: 1968578
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 34.0
 203 19.0 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. -0.03 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion: 240 Resp: 614096
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.4 14.2
 236 27.2 21.7 32.5





#77

Benzidine

Concen: 30.406 ng

RT: 12.42 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

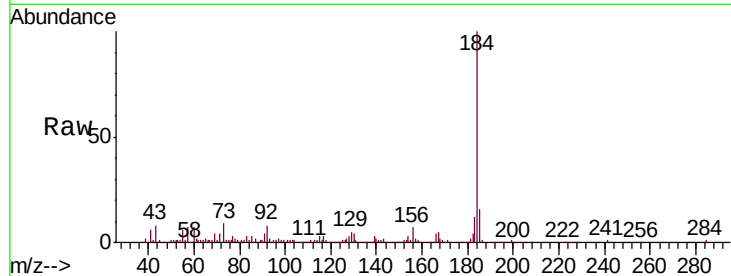
Tgt Ion:184 Resp: 829120

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

183 11.8 9.6 14.4

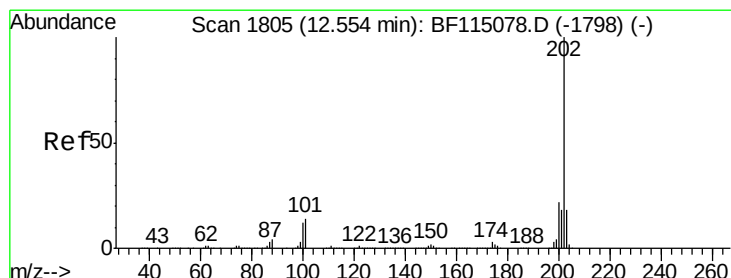
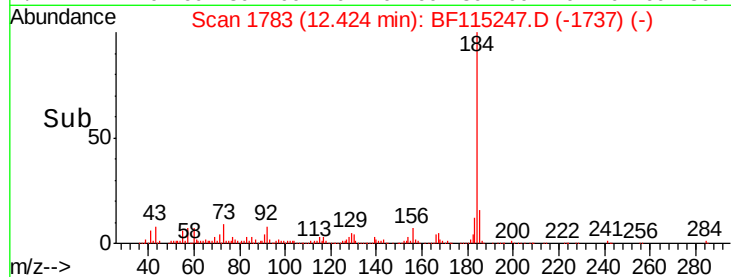
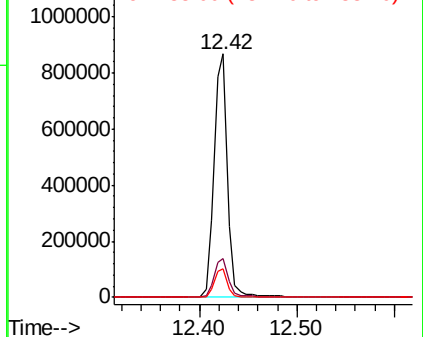


Abundance

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: 43.394 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

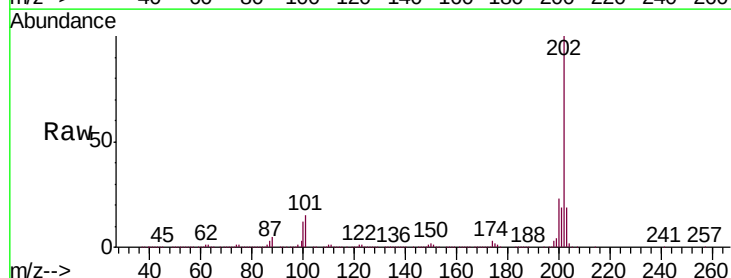
Tgt Ion:202 Resp: 2047911

Ion Ratio Lower Upper

202 100

200 22.7 17.9 26.9

203 18.6 14.6 21.8

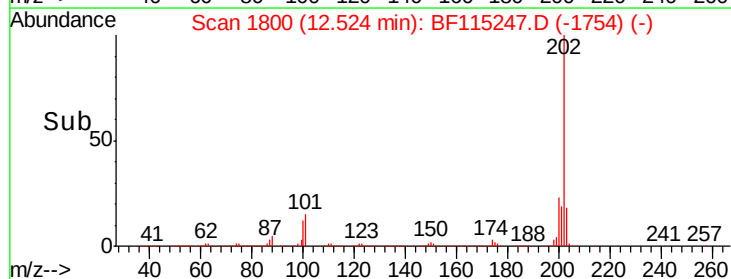
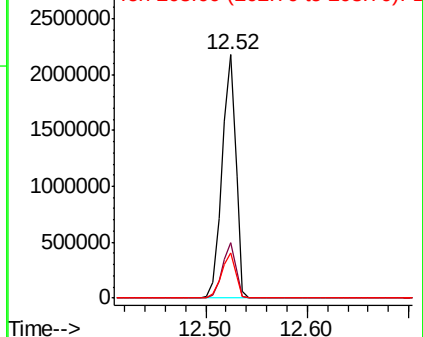


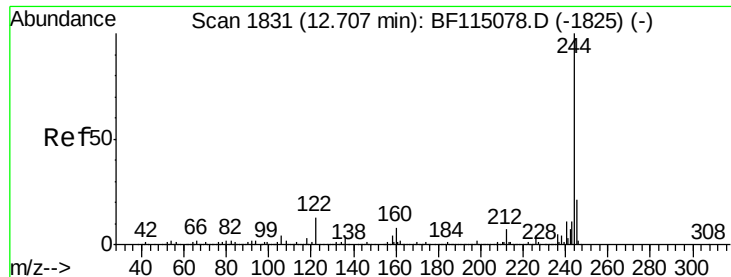
Abundance

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: 89.673 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPERATOR-SEDIME

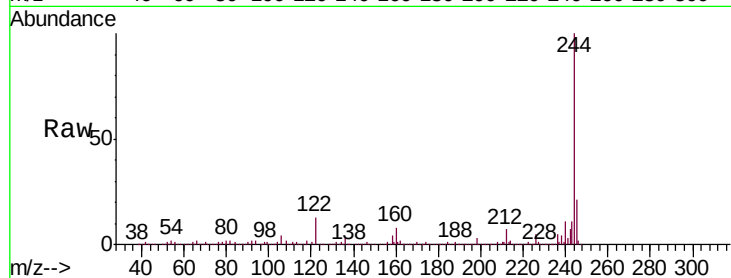
Tgt Ion:244 Resp: 2590017

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

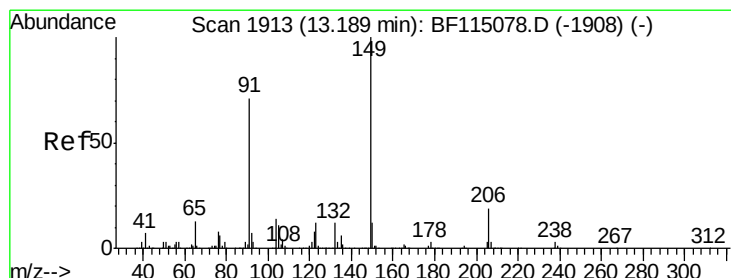
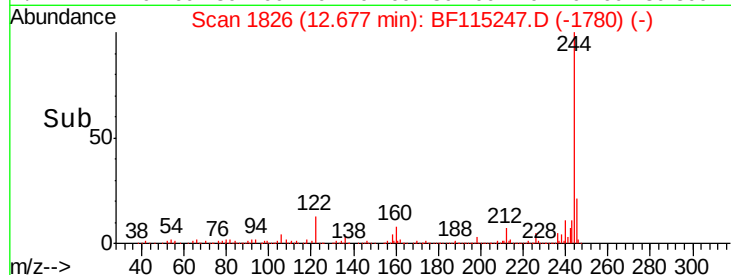
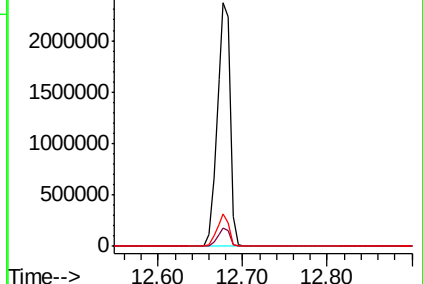
122 13.1 10.4 15.6



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: 46.081 ng

RT: 13.16 min Scan# 1908

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

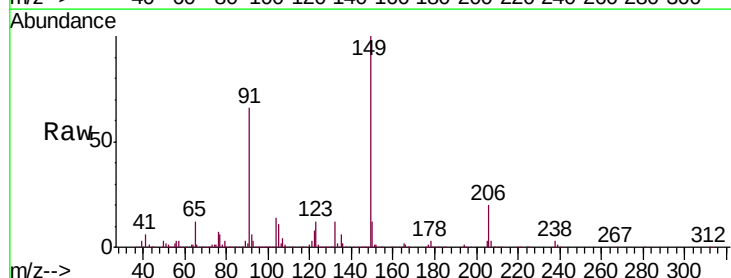
Tgt Ion:149 Resp: 959733

Ion Ratio Lower Upper

149 100

91 66.4 56.5 84.7

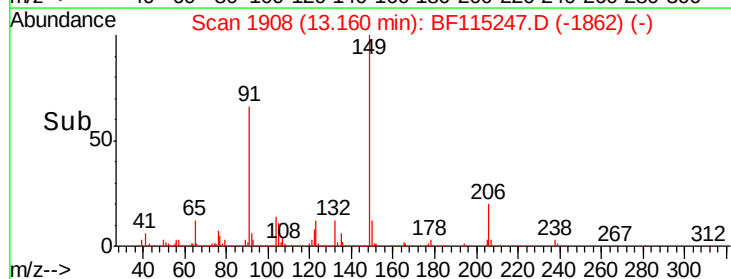
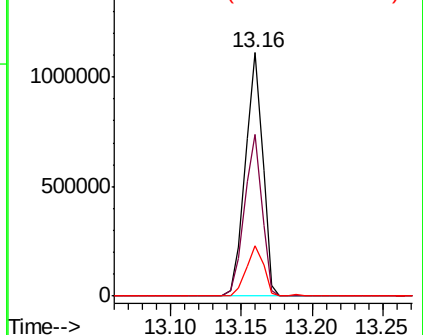
206 20.5 15.3 22.9

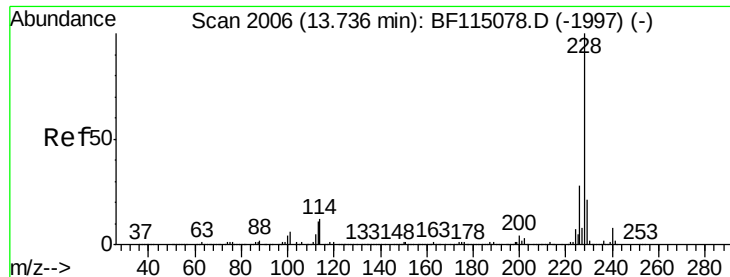


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.410 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

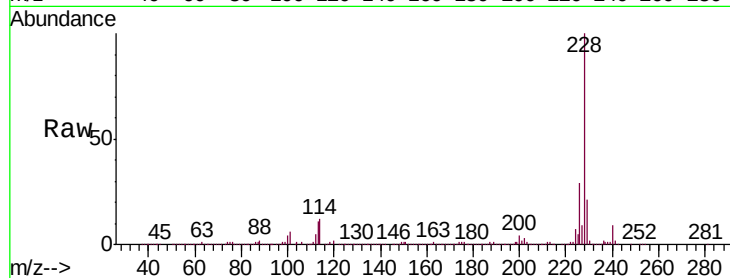
Tgt Ion:228 Resp: 1912779

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

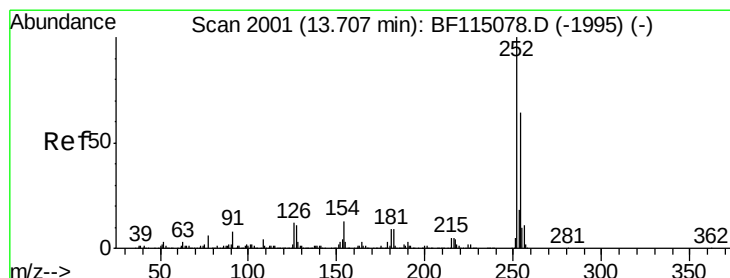
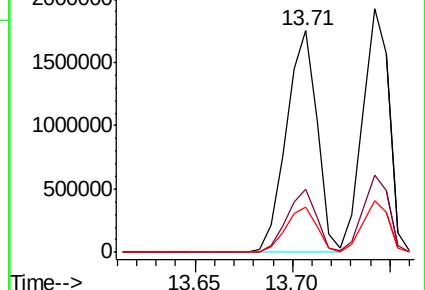
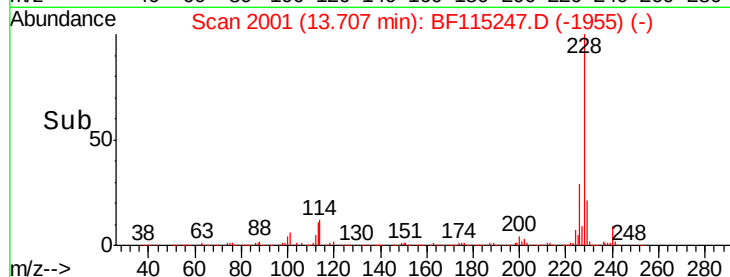
229 20.6 16.6 24.8



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: 24.705 ng

RT: 13.67 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

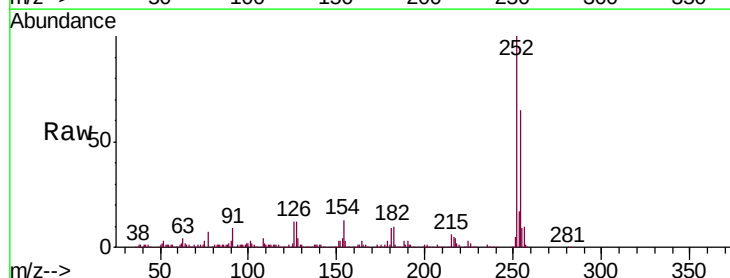
Tgt Ion:252 Resp: 393110

Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

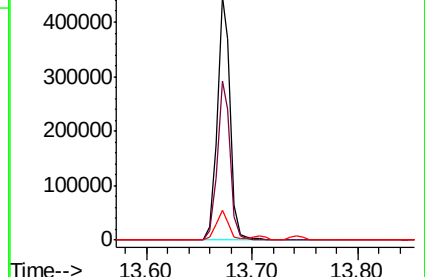
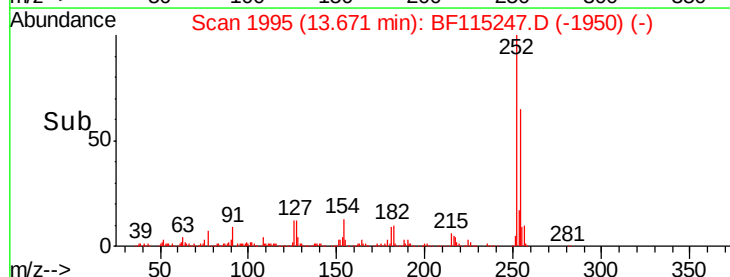
126 12.3 9.4 14.0

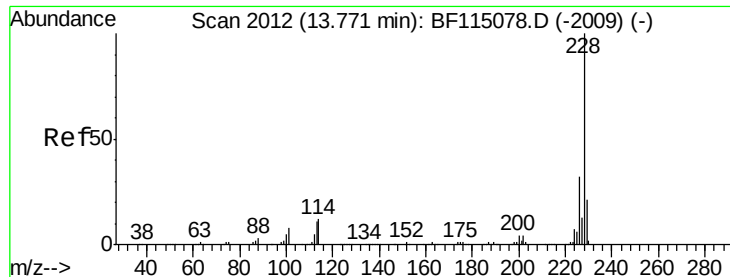


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.670 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

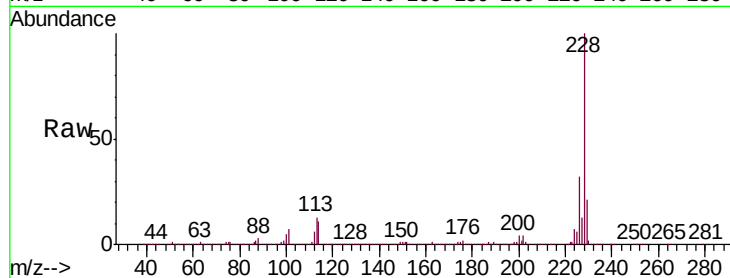
Tgt Ion:228 Resp: 1803001

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

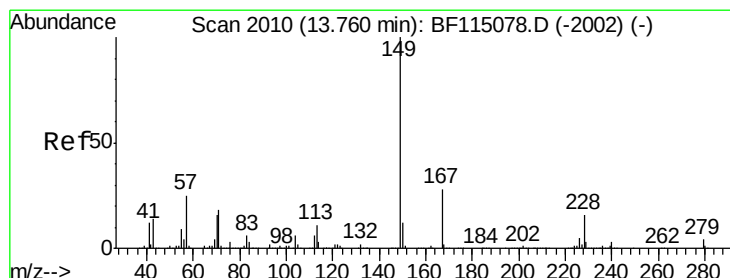
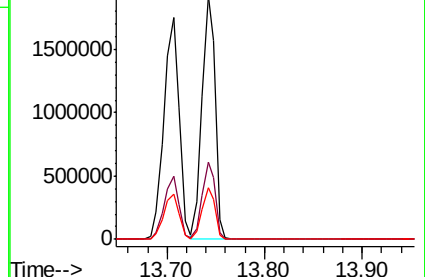
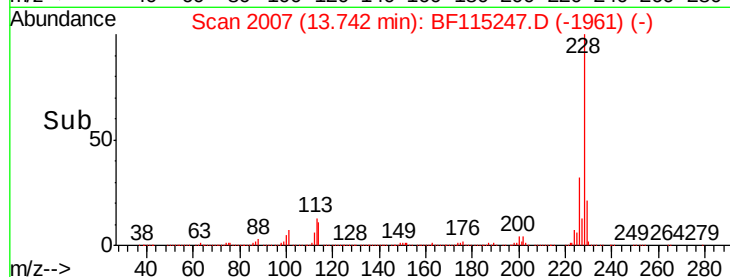
229 21.1 16.5 24.7



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: 46.528 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

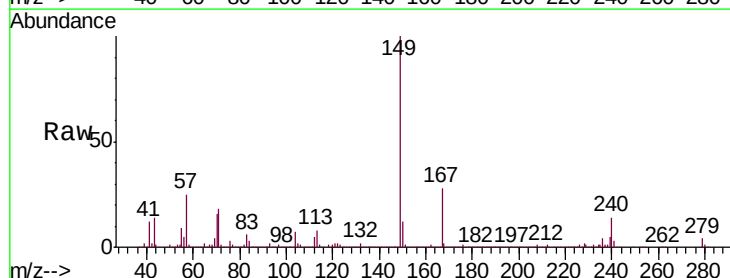
Tgt Ion:149 Resp: 1269749

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

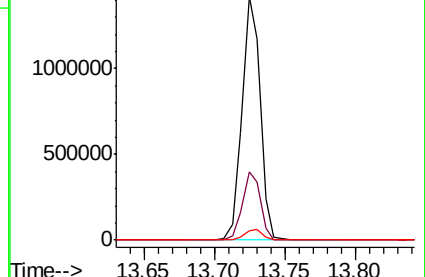
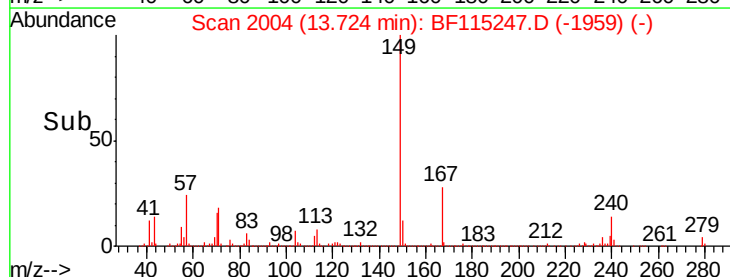
279 3.8 2.9 4.3

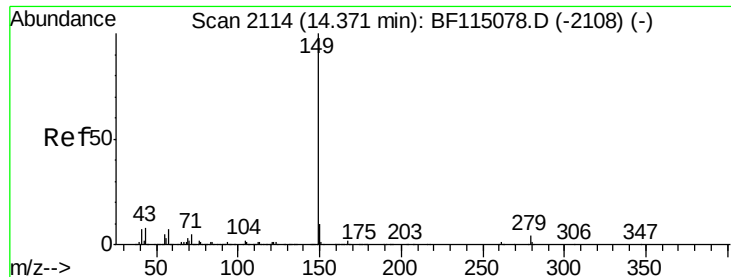


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.613 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPERATOR-SEDIME

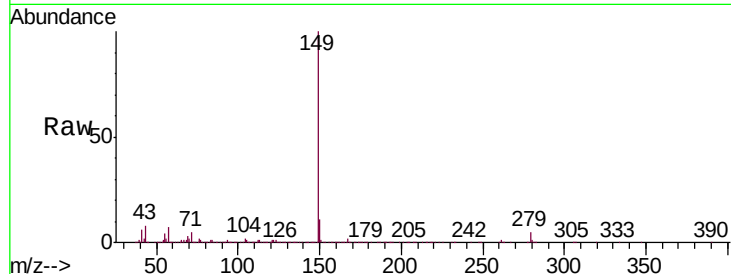
Tgt Ion:149 Resp: 2320715

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

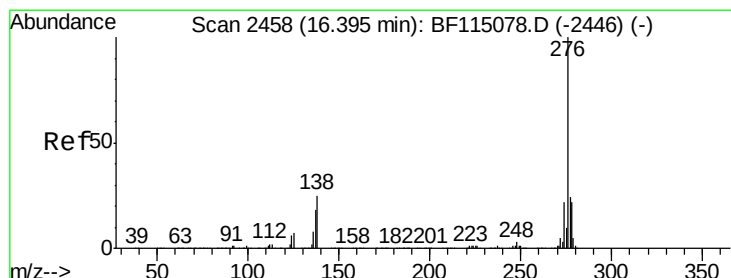
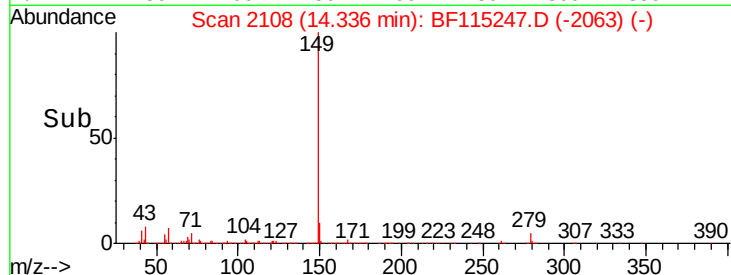
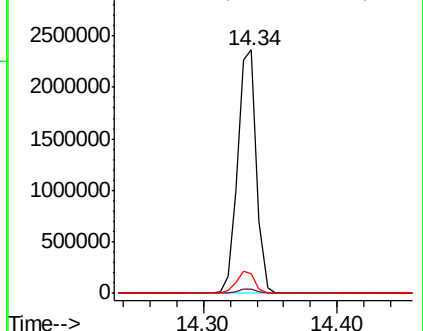
43 8.5 7.0 10.6



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: 42.276 ng

RT: 16.34 min Scan# 2449

Delta R.T. -0.05 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

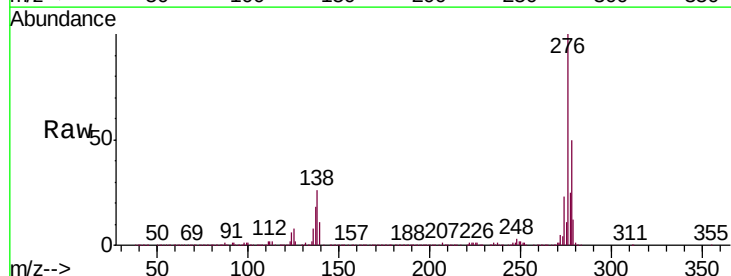
Tgt Ion:276 Resp: 2019147

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

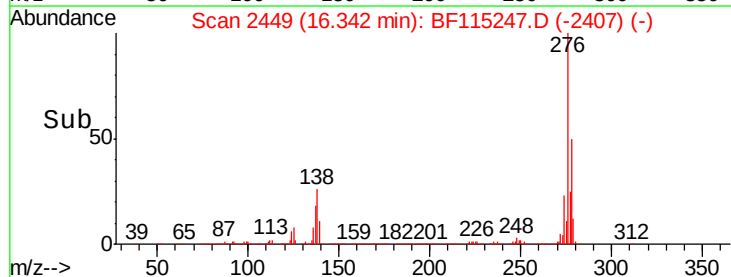
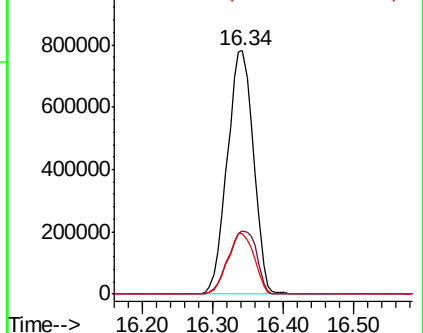
277 25.6 20.1 30.1

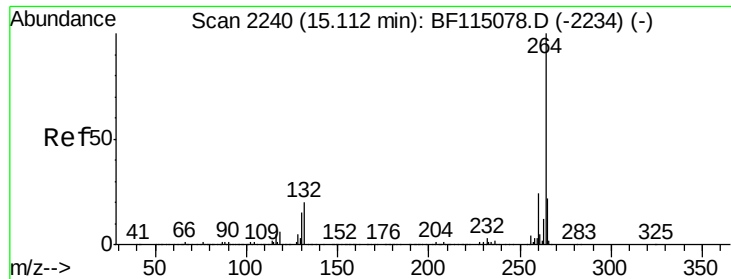


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

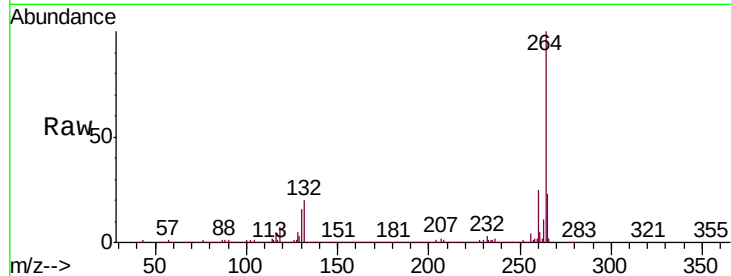
Tgt Ion:264 Resp: 773459

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

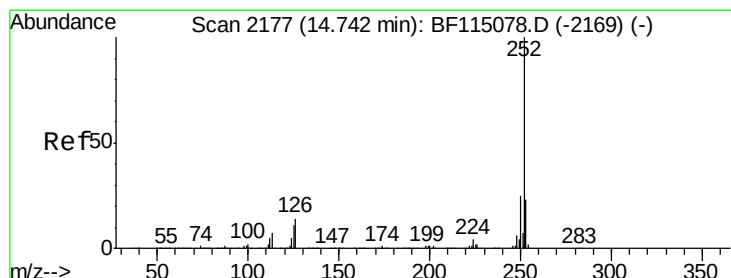
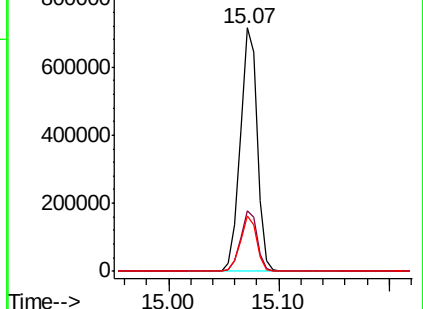
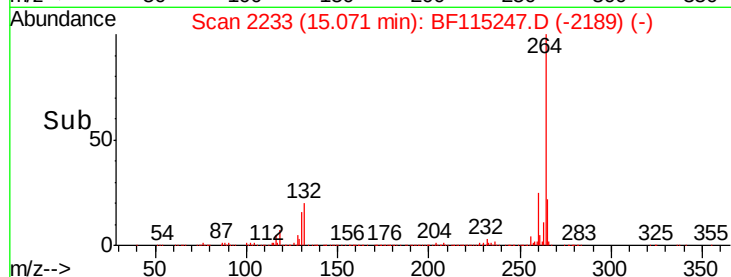
265 22.5 17.3 25.9



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: 44.866 ng

RT: 14.71 min Scan# 2171

Delta R.T. -0.04 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

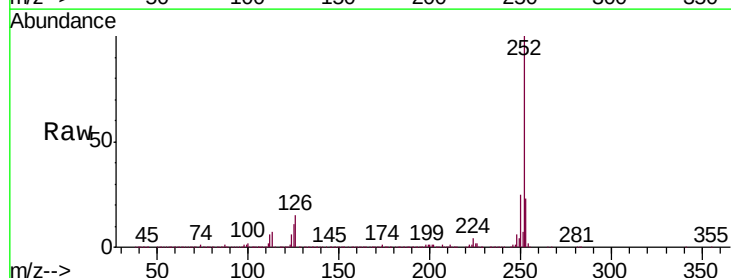
Tgt Ion:252 Resp: 2165305

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

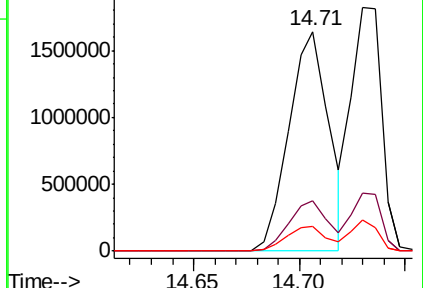
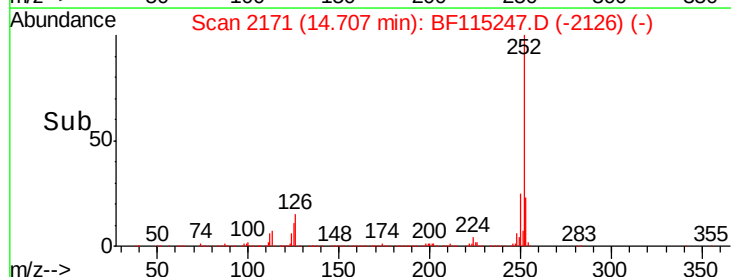
125 11.1 8.7 13.1

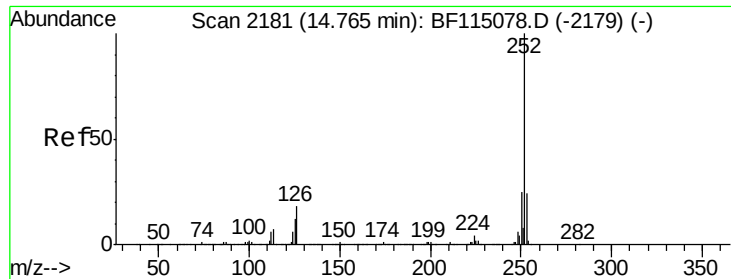


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

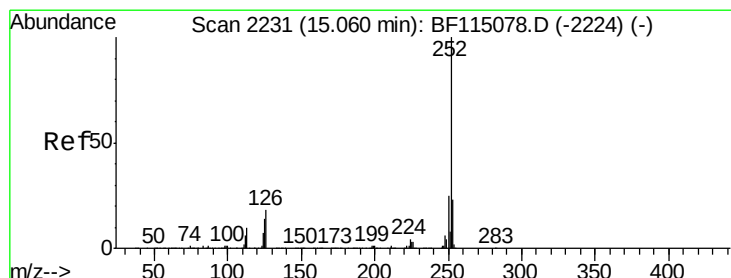
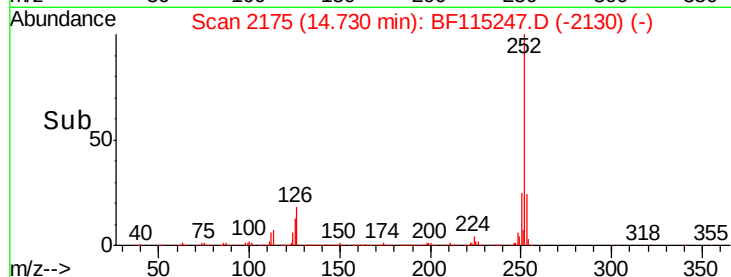
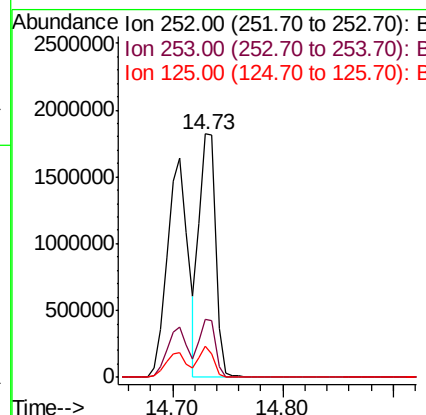
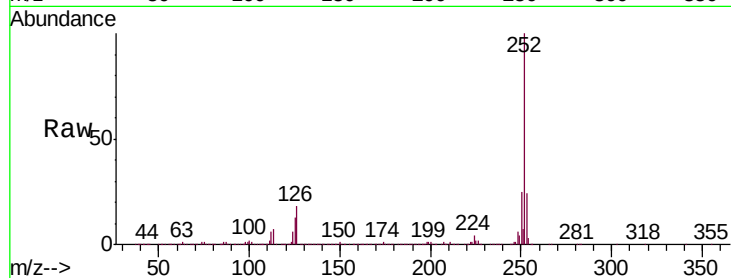




#89
Benzo(k)fluoranthene
Concen: 42.588 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

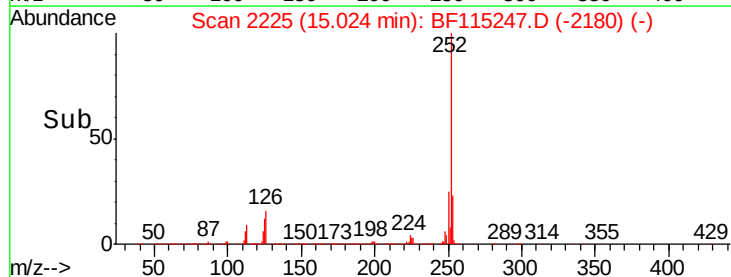
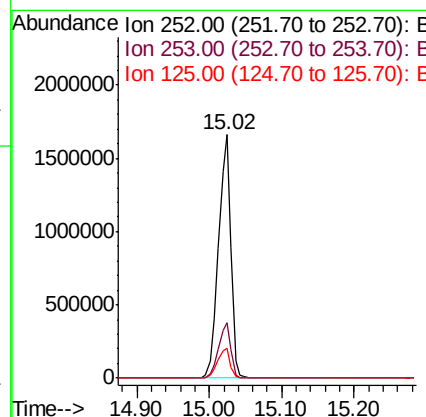
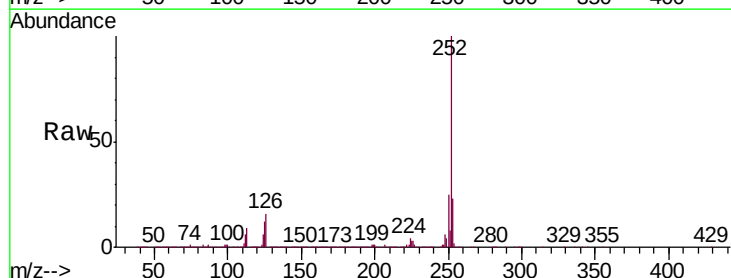
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

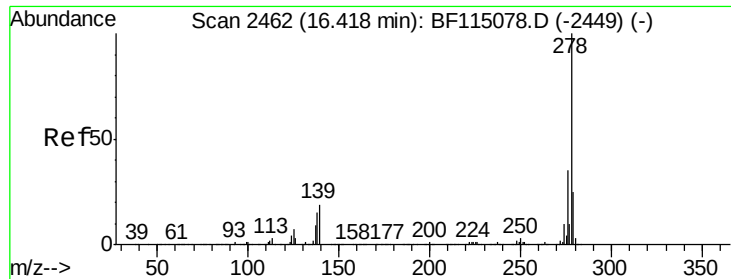
Tgt Ion:252 Resp: 1843215
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 12.6 10.2 15.2



#90
Benzo(a)pyrene
Concen: 45.209 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:252 Resp: 1966522
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 12.0 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 41.491 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.06 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

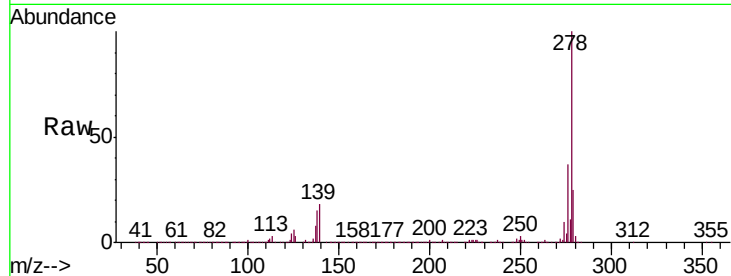
Tgt Ion:278 Resp: 1684923

Ion Ratio Lower Upper

278 100

139 18.1 15.4 23.2

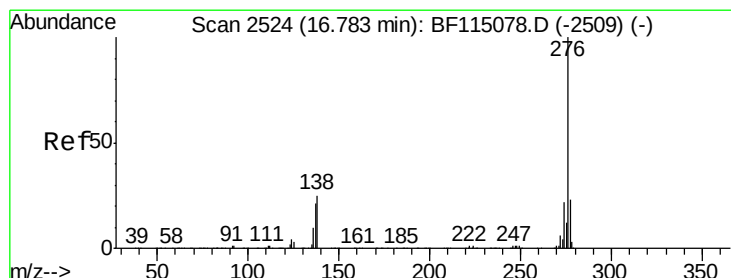
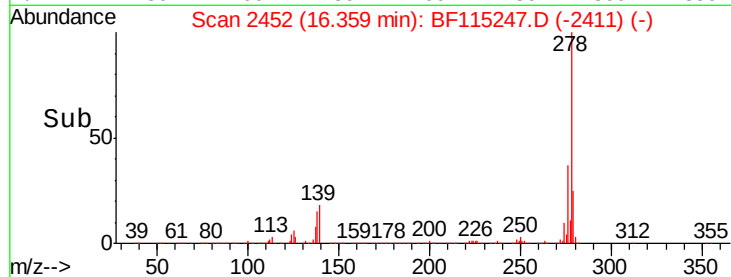
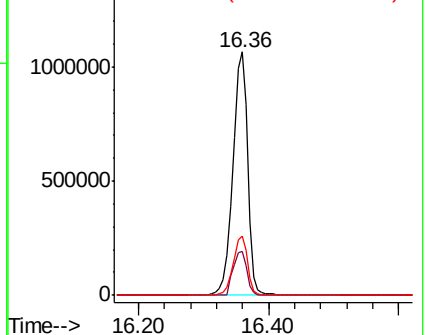
279 24.6 19.9 29.9



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: 39.477 ng

RT: 16.72 min Scan# 2513

Delta R.T. -0.06 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

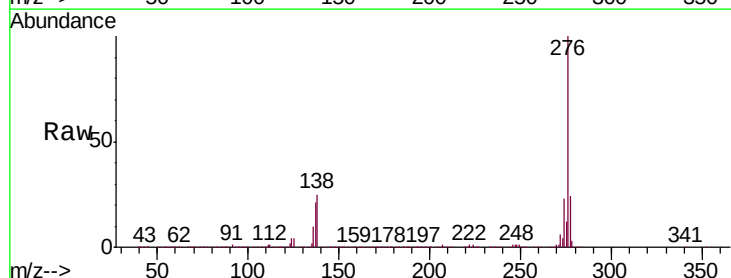
Tgt Ion:276 Resp: 1622555

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 24.7 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

