

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115369.D
 Acq On : 2 Jul 2019 19:35
 Operator : HP/JU
 Sample : K3158-10MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Quant Time: Jul 03 05:54:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	231652	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	886989	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	429502	20.00	ng	0.02
64) Phenanthrene-d10	11.12	188	824769	20.00	ng	0.02
76) Chrysene-d12	13.74	240	439185	20.00	ng	0.02
87) Perylene-d12	15.11	264	513552	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1480605	98.63	ng	0.04
7) Phenol-d6	6.26	99	1709189	93.81	ng	0.02
23) Nitrobenzene-d5	7.18	82	1307124	90.65	ng	0.01
42) 2,4,6-Tribromophenol	10.43	330	592404	130.80	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2440907	96.53	ng	0.01
79) Terphenyl-d14	12.71	244	2339746	113.27	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	214979	30.344	ng	# 84
3) Pyridine	3.00	79	486863	24.382	ng	96
4) n-Nitrosodimethylamine	2.92	42	241336	30.830	ng	97
6) Aniline	6.27	93	214420	8.563	ng	# 1
8) 2-Chlorophenol	6.40	128	633732	37.544	ng	99
9) Benzaldehyde	6.15	77	316540	26.629	ng	98
10) Phenol	6.27	94	614348	28.785	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	588306	37.394	ng	99
12) 1,3-Dichlorobenzene	6.55	146	713569	38.091	ng	99
13) 1,4-Dichlorobenzene	6.62	146	727013	38.701	ng	99
14) 1,2-Dichlorobenzene	6.78	146	664458	38.195	ng	99
15) Benzyl Alcohol	6.76	79	432867	32.626	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	810125	35.504	ng	85
17) 2-Methylphenol	6.88	107	563591	40.451	ng	95
18) Hexachloroethane	7.12	117	252954	37.351	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	424061	36.354	ng	99
20) 3+4-Methylphenols	7.03	107	622978	38.723	ng	# 80
22) Acetophenone	7.02	105	903147	44.477	ng	# 92
24) Nitrobenzene	7.19	77	665427	41.890	ng	98
25) Isophorone	7.44	82	1192603	40.375	ng	99
26) 2-Nitrophenol	7.51	139	365809	46.631	ng	96
27) 2,4-Dimethylphenol	7.56	122	575870	44.835	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	773350	41.424	ng	99
29) 2,4-Dichlorophenol	7.75	162	568203	42.867	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	629243	42.977	ng	99
31) Naphthalene	7.91	128	1890604	43.422	ng	99
32) Benzoic acid	7.66	122	117544	12.821	ng	96
33) 4-Chloroaniline	7.96	127	69503	3.493	ng	99
34) Hexachlorobutadiene	8.04	225	342585	42.698	ng	98
35) Caprolactam	8.34	113	94814	21.276	ng	99
36) 4-Chloro-3-methylphenol	8.46	107	574601	42.805	ng	100
37) 2-Methylnaphthalene	8.61	142	1285845	43.800	ng	98
38) 1-Methylnaphthalene	8.70	142	1214460	43.315	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	571832	47.115	ng	99

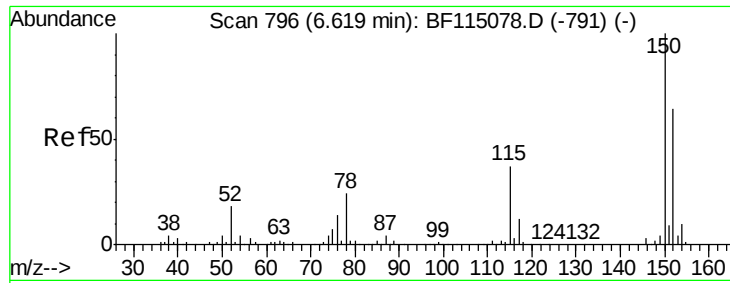
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
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 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	445128	61.851	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	403101	43.020	ng	98
44) 2,4,5-Trichlorophenol	8.93	196	458265	47.491	ng	97
46) 1,1'-Biphenyl	9.07	154	1496788	43.554	ng	98
47) 2-Chloronaphthalene	9.09	162	1201595	43.104	ng	97
48) 2-Nitroaniline	9.19	65	355233	43.710	ng	88
49) Acenaphthylene	9.50	152	1873092	43.127	ng	100
50) Dimethylphthalate	9.38	163	1460632	46.223	ng	100
51) 2,6-Dinitrotoluene	9.44	165	336841	46.172	ng #	83
52) Acenaphthene	9.68	154	1074888	39.550	ng	99
53) 3-Nitroaniline	9.60	138	132980	14.937	ng	94
54) 2,4-Dinitrophenol	9.70	184	65275	23.136	ng	94
55) Dibenzofuran	9.85	168	1616455	41.440	ng	100
56) 4-Nitrophenol	9.77	139	473391	66.326	ng	95
57) 2,4-Dinitrotoluene	9.84	165	425076	45.126	ng	95
58) Fluorene	10.19	166	1138464	43.637	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	360542	44.559	ng	98
60) Diethylphthalate	10.08	149	1341920	42.247	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	560511	45.490	ng	96
62) 4-Nitroaniline	10.21	138	357490	40.027	ng	98
63) Azobenzene	10.34	77	1229373	41.437	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	80456	21.399	ng	95
66) n-Nitrosodiphenylamine	10.31	169	1137432	44.266	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	397082	44.406	ng	97
68) Hexachlorobenzene	10.74	284	438751	45.203	ng	96
69) Atrazine	10.84	200	370504	44.824	ng	99
70) Pentachlorophenol	10.93	266	365468	59.103	ng	98
71) Phenanthrene	11.14	178	1840396	41.444	ng	100
72) Anthracene	11.19	178	1898408	42.351	ng	99
73) Carbazole	11.35	167	1698850	42.442	ng	100
74) Di-n-butylphthalate	11.69	149	2064082	44.625	ng	99
75) Fluoranthene	12.32	202	1774494	40.050	ng	99
77) Benzidine	12.45	184	310892	15.942	ng	99
78) Pyrene	12.55	202	1783771	52.850	ng	100
80) Butylbenzylphthalate	13.18	149	785191	52.715	ng	97
81) Benzo(a)anthracene	13.74	228	1411265	44.784	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	205060	18.020	ng	98
83) Chrysene	13.77	228	1327017	45.971	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1039209	53.246	ng #	100
85) Di-n-octyl phthalate	14.36	149	1607174	49.011	ng	99
86) Indeno(1,2,3-cd)pyrene	16.40	276	1273580	37.285	ng	99
88) Benzo(b)fluoranthene	14.74	252	1487934	46.434	ng	99
89) Benzo(k)fluoranthene	14.77	252	1260202	43.853	ng	98
90) Benzo(a)pyrene	15.07	252	1326278	45.921	ng #	96
91) Dibenzo(a,h)anthracene	16.41	278	1063775	39.453	ng	98
92) Benzo(g,h,i)perylene	16.78	276	990778	36.306	ng	98

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

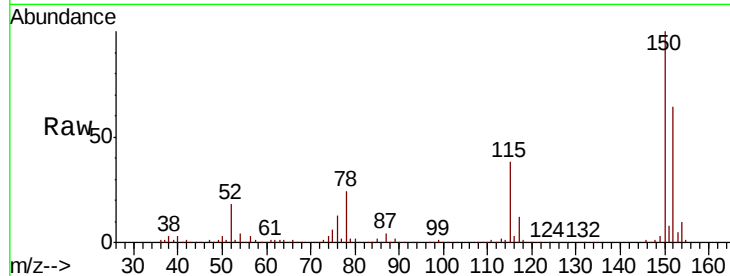


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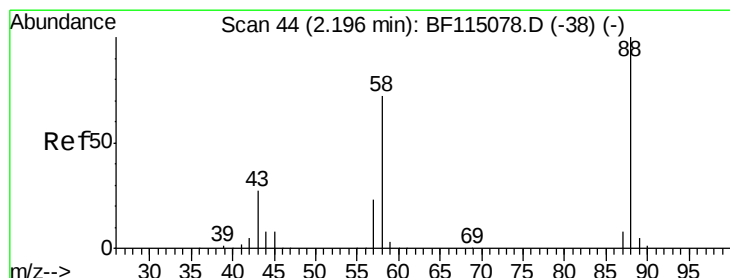
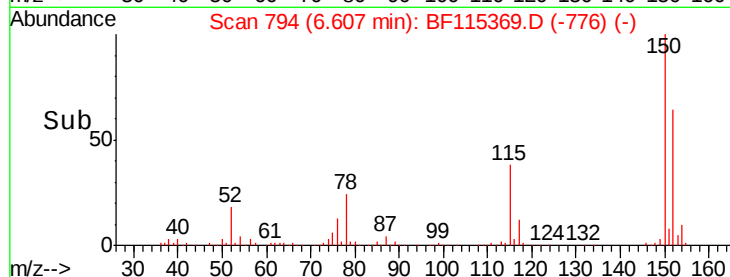
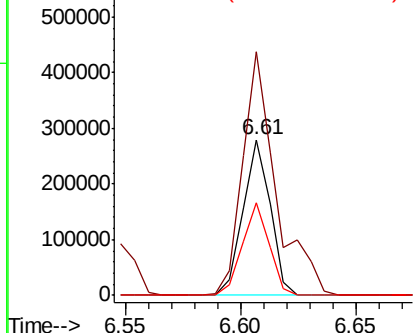
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion: 152 Resp: 231652
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 59.6 46.1 69.1



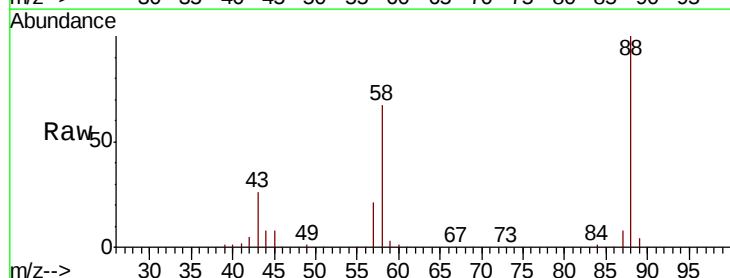
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



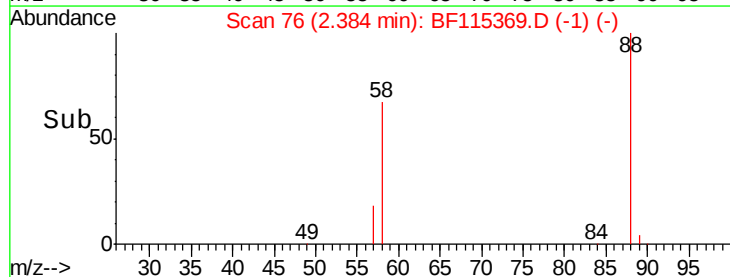
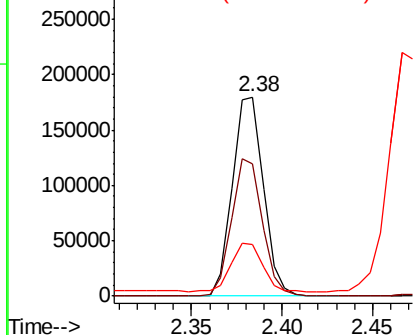
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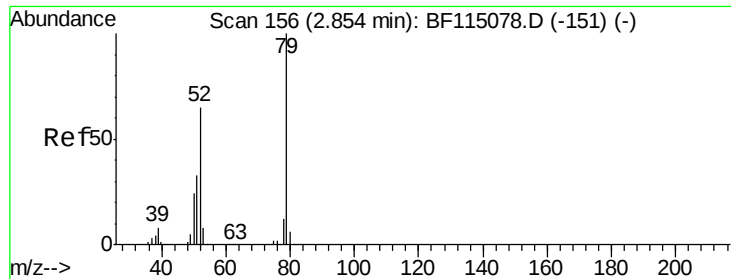
1,4-Dioxane
Concen: 30.344 ng
RT: 2.38 min Scan# 76
Delta R.T. 0.23 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion: 88 Resp: 214979
Ion Ratio Lower Upper
88 100
58 67.8 56.1 84.1
43 0.0 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

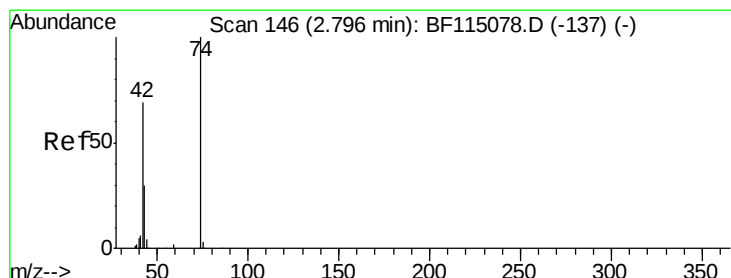
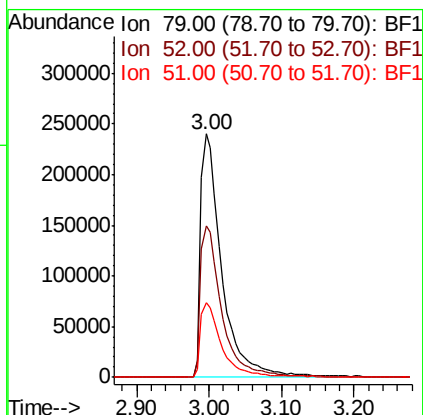
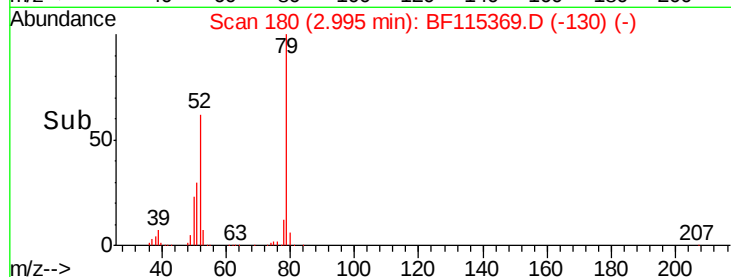
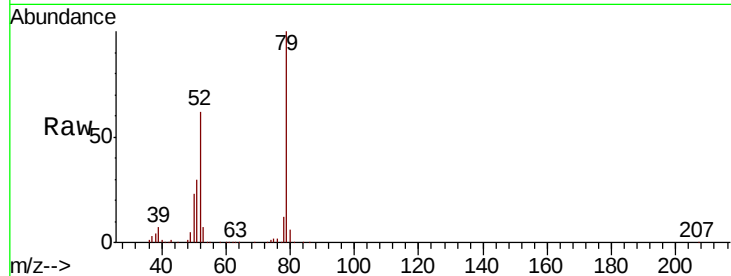




#3
 Pyridine
 Concen: 24.382 ng
 RT: 3.00 min Scan# 180
 Delta R.T. 0.19 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

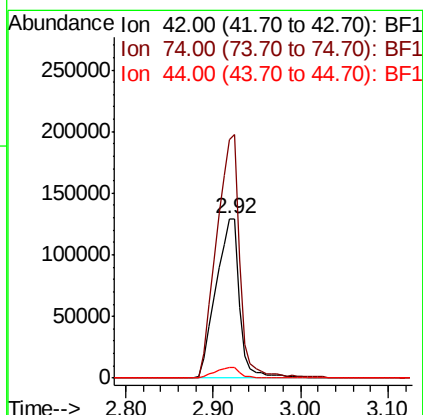
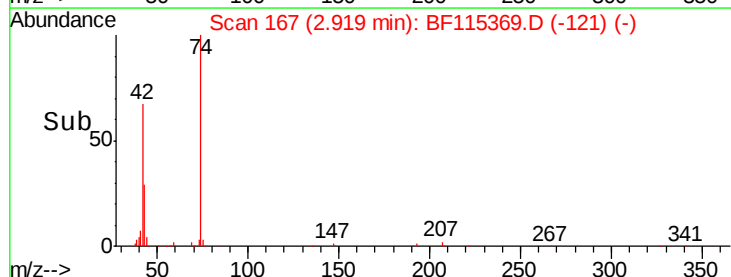
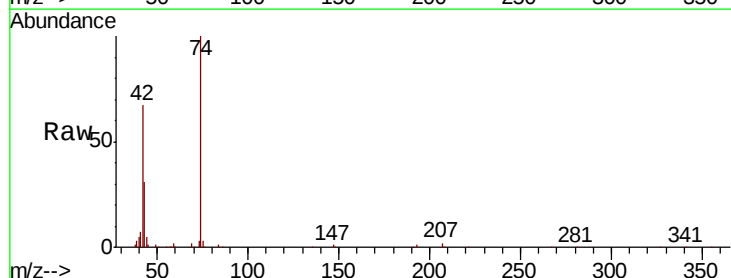
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion: 79 Resp: 486863
 Ion Ratio Lower Upper
 79 100
 52 62.5 52.3 78.5
 51 30.4 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 30.830 ng
 RT: 2.92 min Scan# 167
 Delta R.T. 0.17 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion: 42 Resp: 241336
 Ion Ratio Lower Upper
 42 100
 74 149.1 116.6 175.0
 44 6.8 5.3 7.9





#5

2-Fluorophenol

Concen: 98.632 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.04 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

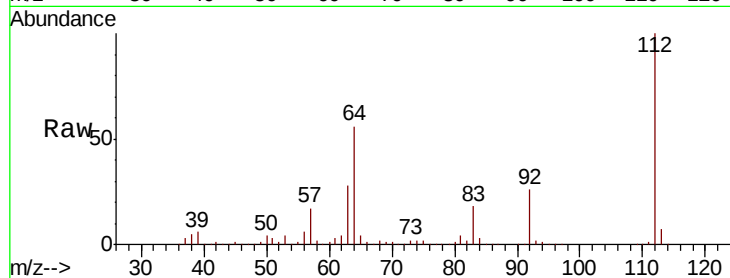
Tgt Ion: 112 Resp: 1480605

Ion Ratio Lower Upper

112 100

64 55.6 43.8 65.6

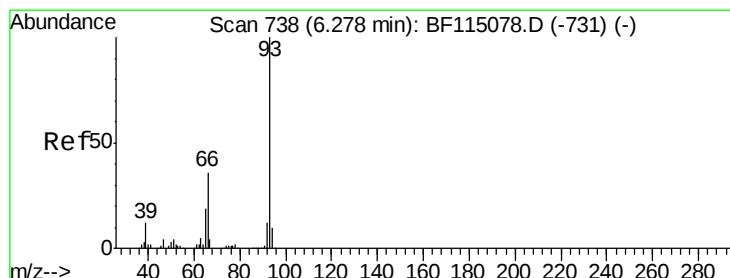
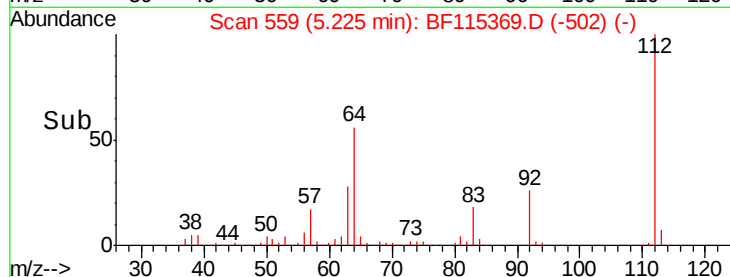
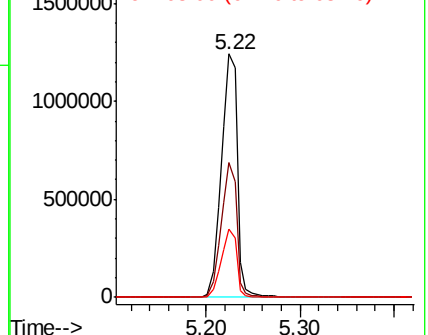
63 28.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.563 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

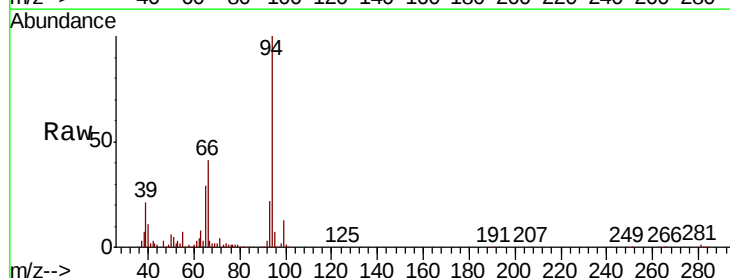
Tgt Ion: 93 Resp: 214420

Ion Ratio Lower Upper

93 100

66 184.5 30.0 45.0#

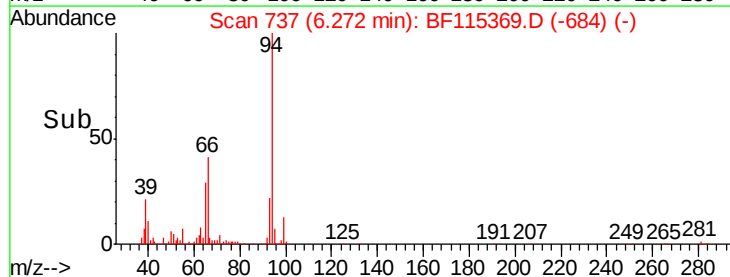
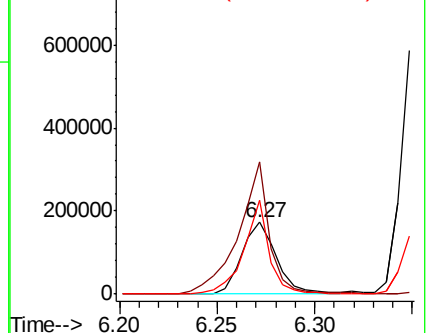
65 131.0 15.6 23.4#

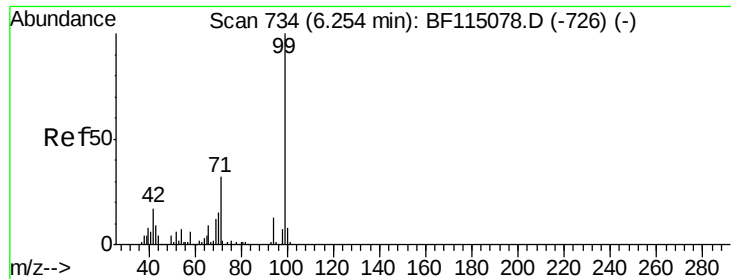


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.807 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

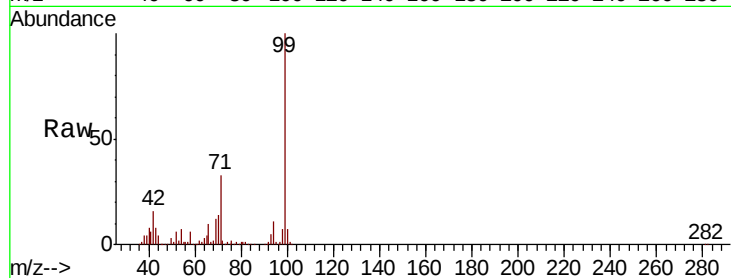
Tgt Ion: 99 Resp: 1709189

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

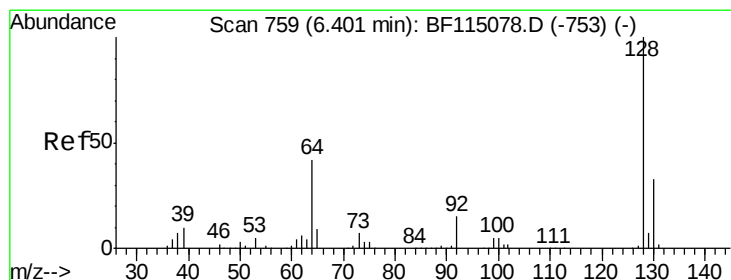
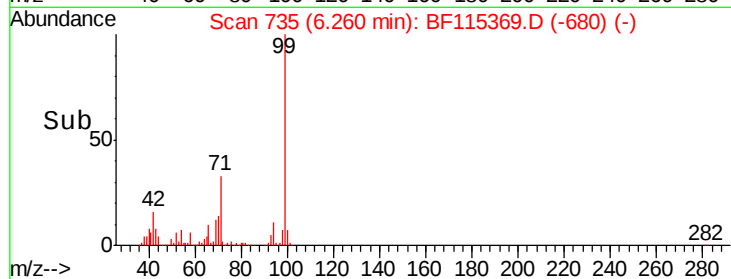
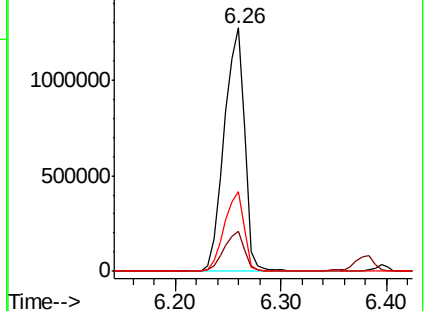
71 32.5 25.5 38.3



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: 37.544 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

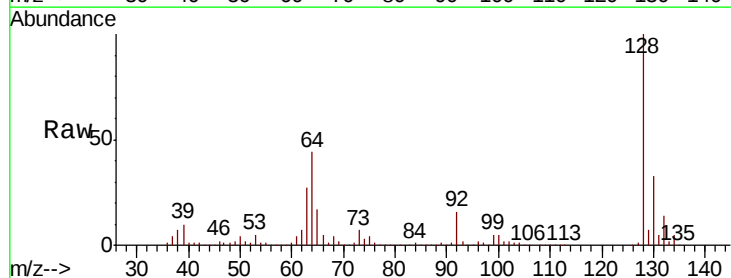
Tgt Ion: 128 Resp: 633732

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

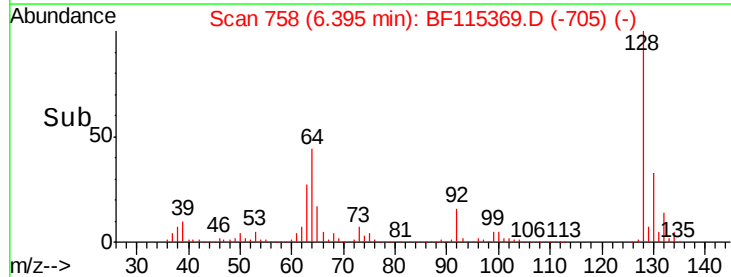
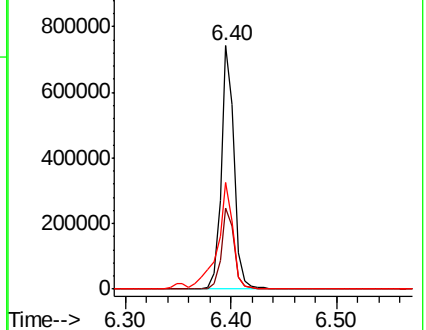
64 43.8 22.9 62.9

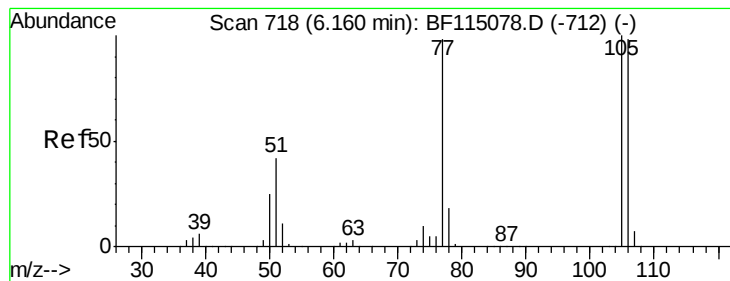


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.629 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

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ClientSampleId :

OK-01-062819MSD

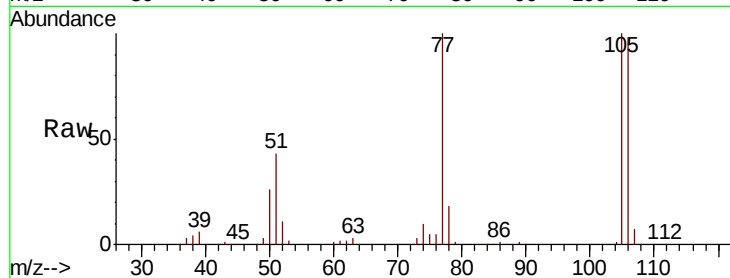
Tgt Ion: 77 Resp: 316540

Ion Ratio Lower Upper

77 100

105 100.1 81.5 121.5

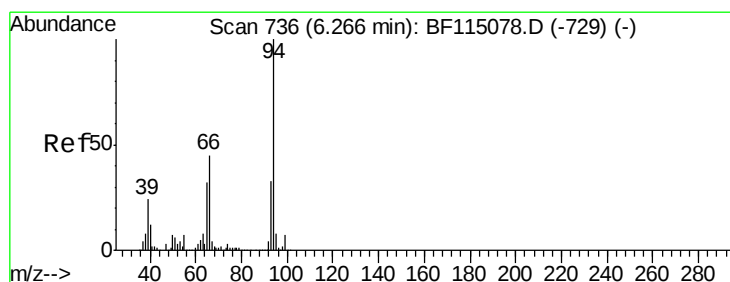
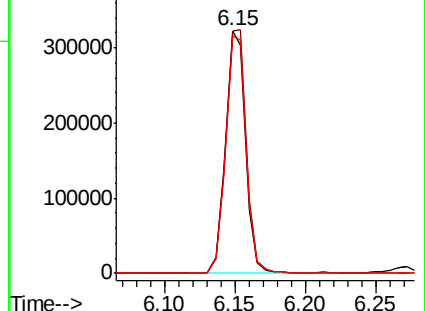
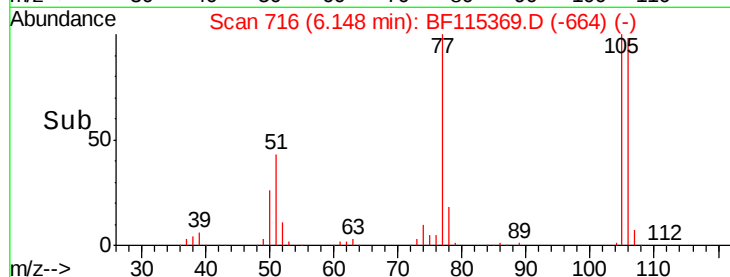
106 97.6 79.7 119.7



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: 28.785 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

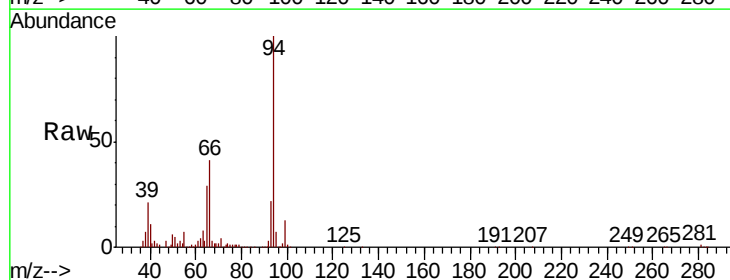
Tgt Ion: 94 Resp: 614348

Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

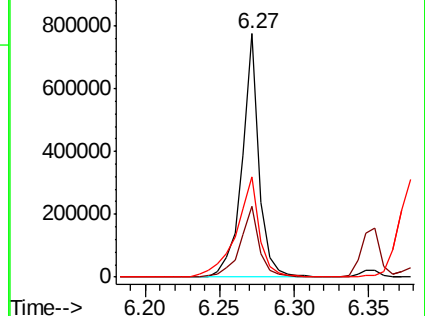
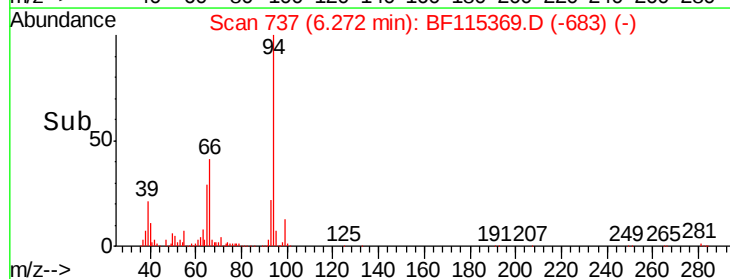
66 41.1 25.2 65.2

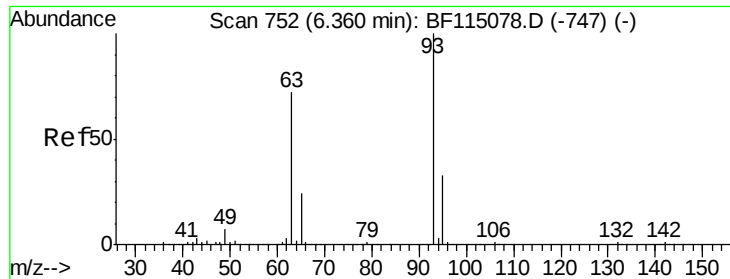


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

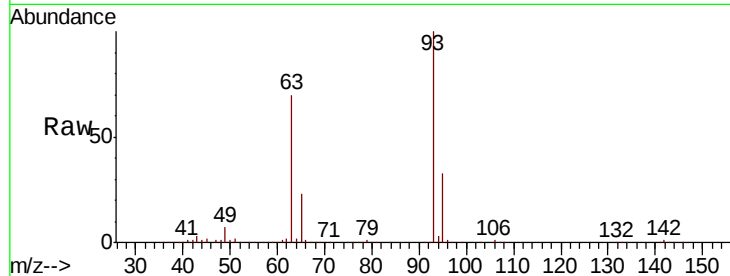




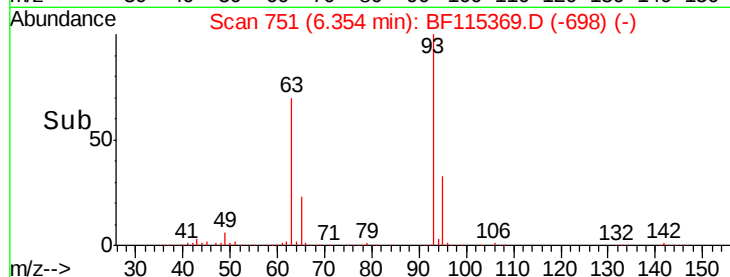
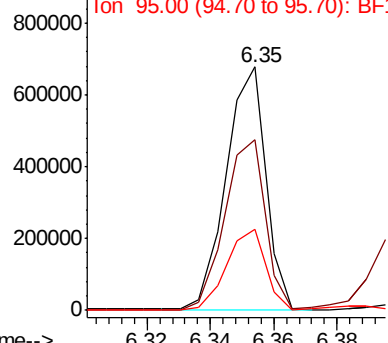
#11
bis(2-Chloroethyl)ether
Concen: 37.394 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion: 93 Resp: 588306
Ion Ratio Lower Upper
93 100
63 70.0 51.5 91.5
95 33.4 13.4 53.4

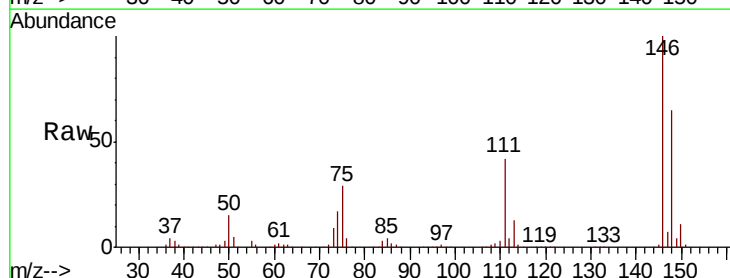


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

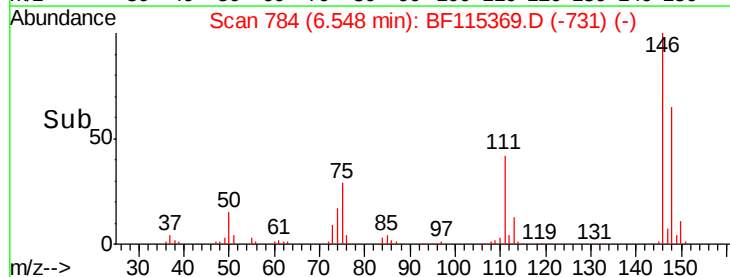
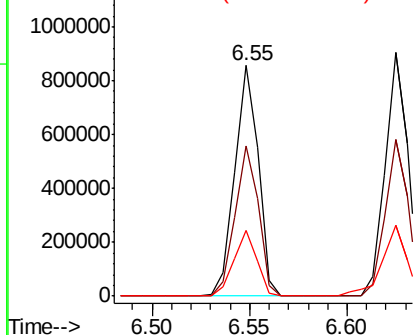


#12
1,3-Dichlorobenzene
Concen: 38.091 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion: 146 Resp: 713569
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
75 28.8 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

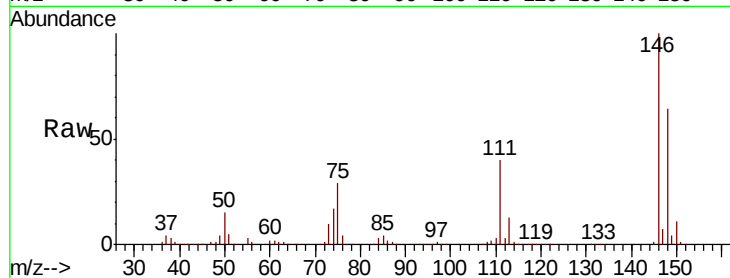




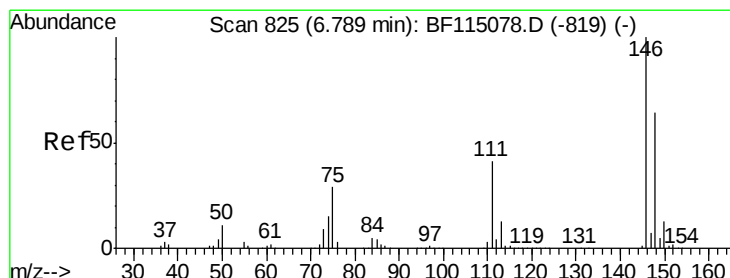
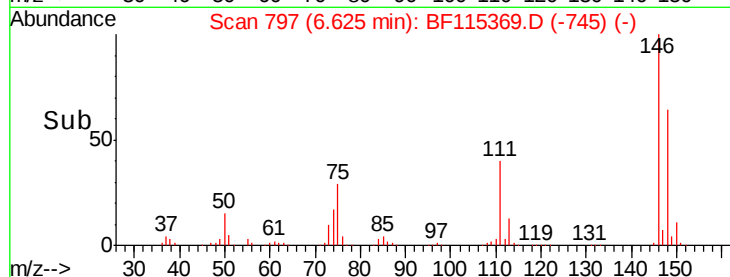
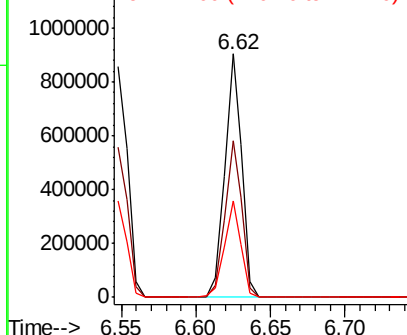
#13
 1,4-Dichlorobenzene
 Concen: 38.701 ng
 RT: 6.62 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:146 Resp: 727013
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 39.7 31.4 47.0

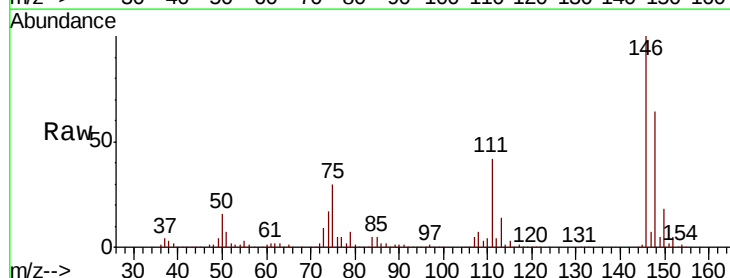


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

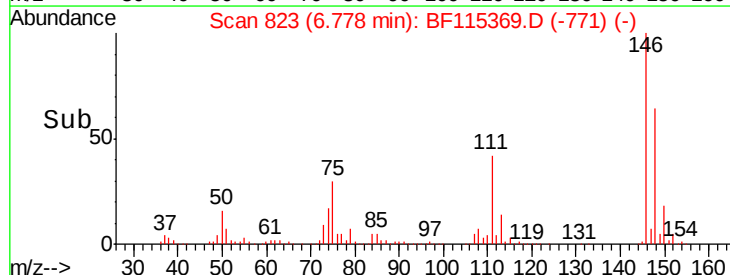
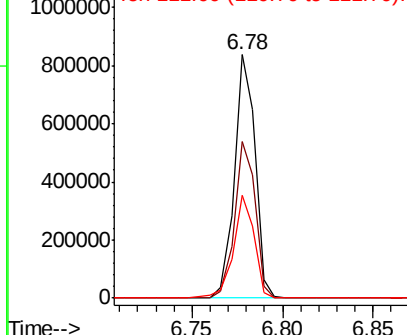


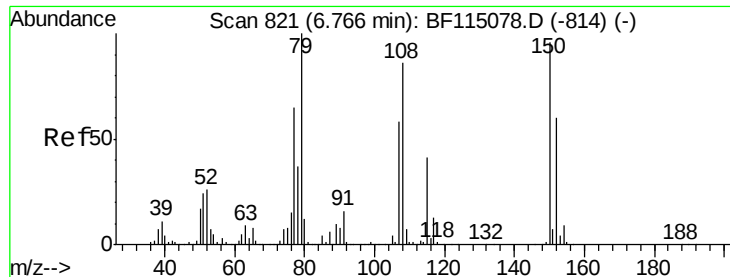
#14
 1,2-Dichlorobenzene
 Concen: 38.195 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:146 Resp: 664458
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 42.4 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: 32.626 ng

RT: 6.76 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

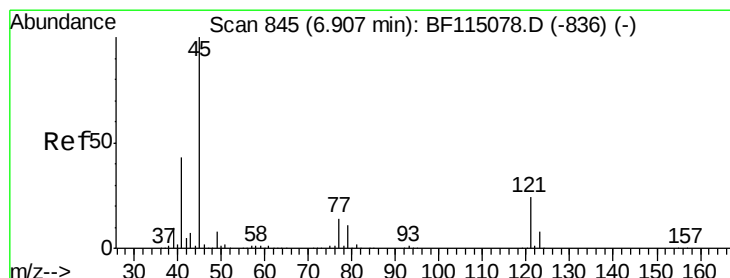
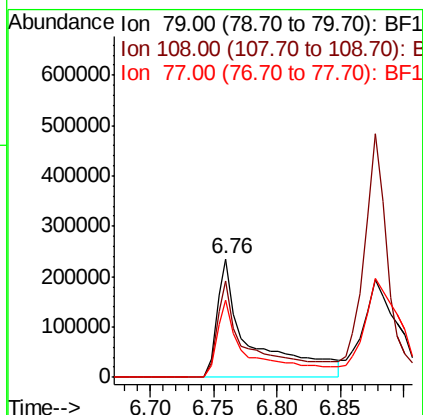
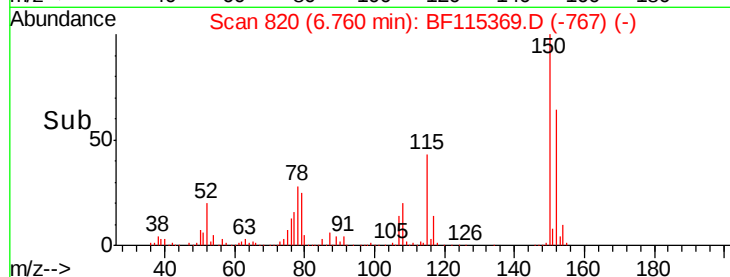
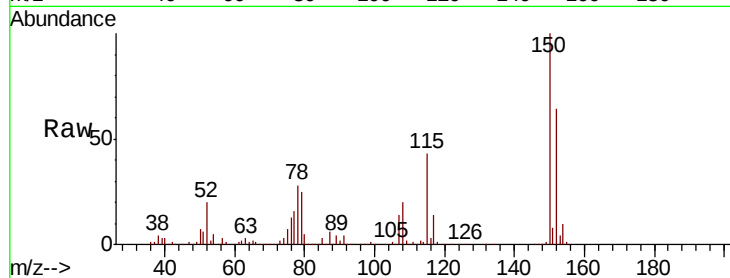
Tgt Ion: 79 Resp: 432867

Ion Ratio Lower Upper

79 100

108 80.9 68.7 103.1

77 64.7 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.504 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

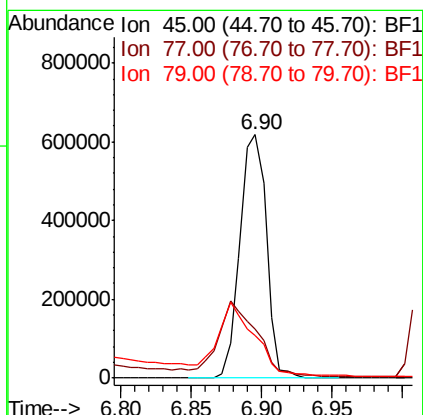
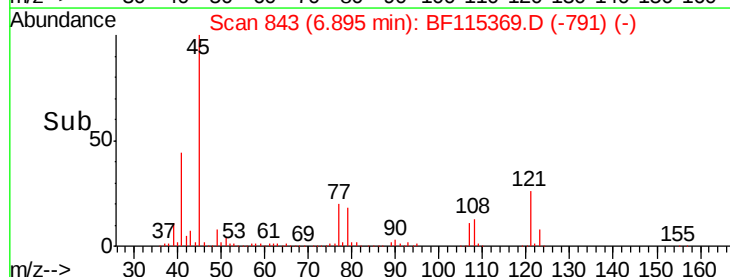
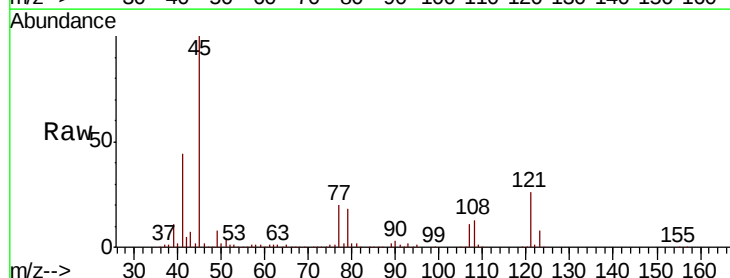
Tgt Ion: 45 Resp: 810125

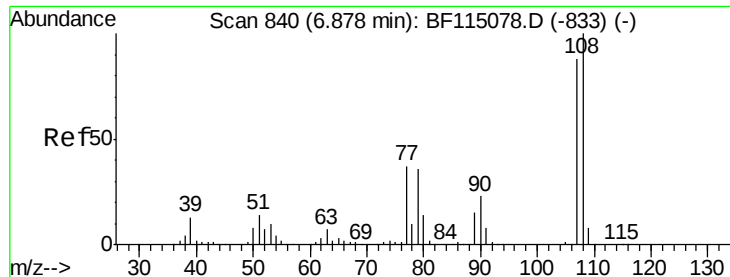
Ion Ratio Lower Upper

45 100

77 20.3 0.0 34.6

79 17.6 0.0 31.2

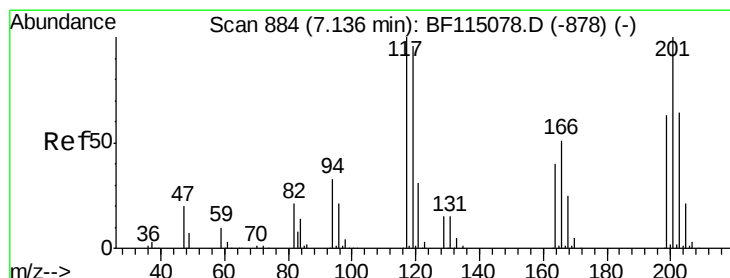
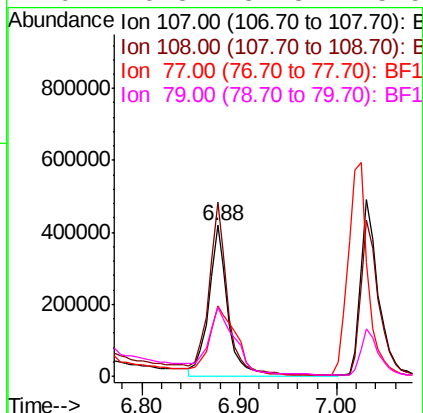
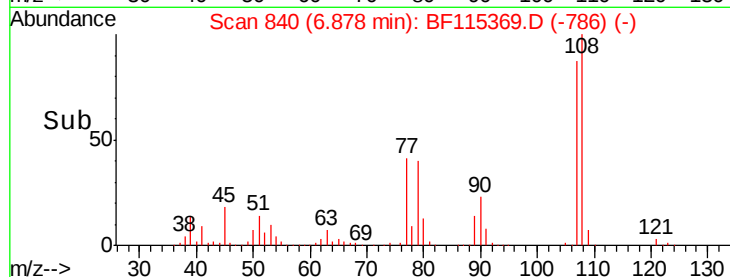
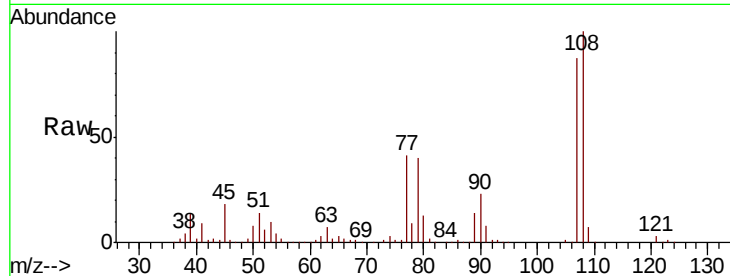




#17
2-Methylphenol
Concen: 40.451 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

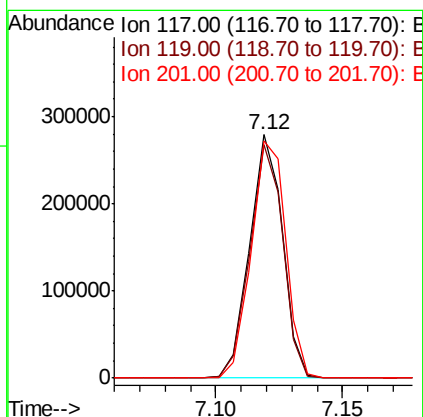
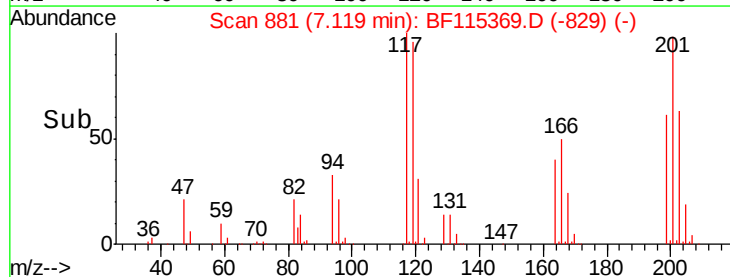
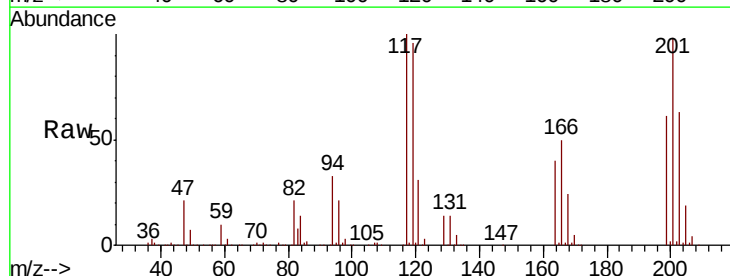
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

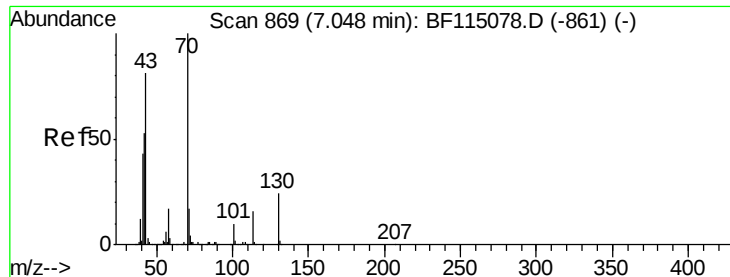
Tgt Ion:107 Resp: 563591
Ion Ratio Lower Upper
107 100
108 115.5 90.9 136.3
77 47.0 33.4 50.2
79 46.3 32.3 48.5



#18
Hexachloroethane
Concen: 37.351 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:117 Resp: 252954
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 97.5 80.2 120.2

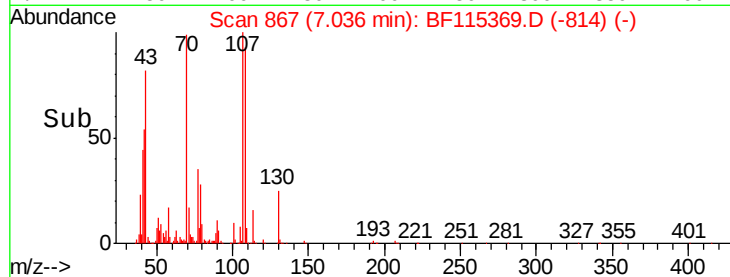
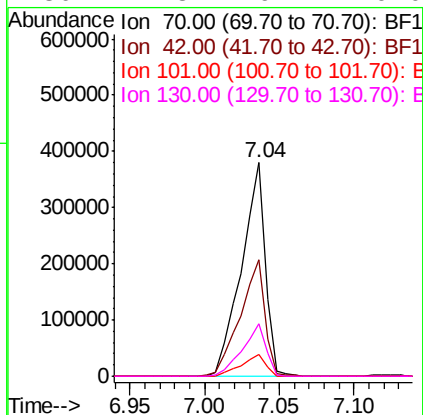
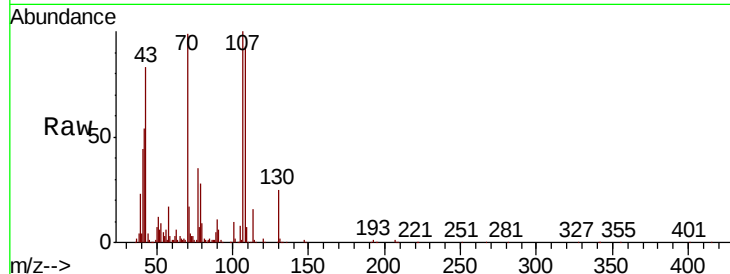




#19
n-Nitroso-di-n-propylamine
Concen: 36.354 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

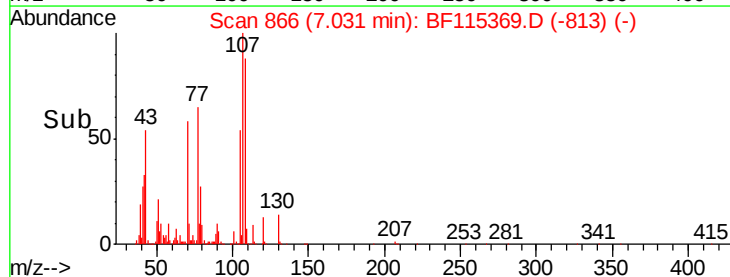
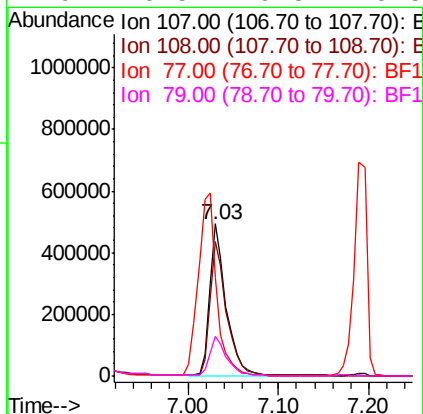
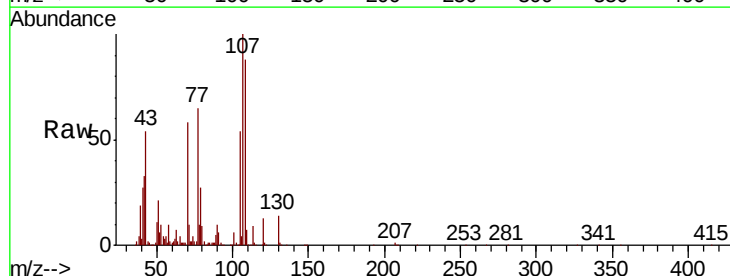
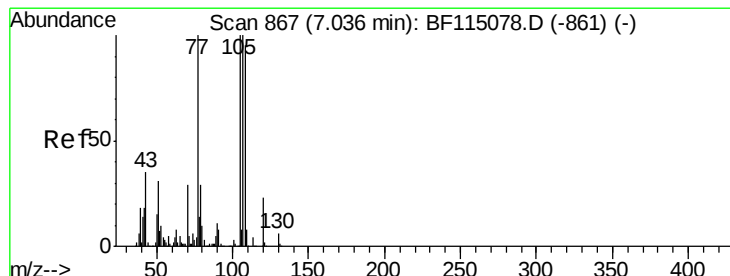
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion:	70	Resp:	424061
Ion	Ratio	Lower	Upper
70	100		
42	54.3	42.6	63.8
101	10.2	8.0	12.0
130	24.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 38.723 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:	107	Resp:	622978
Ion	Ratio	Lower	Upper
107	100		
108	88.4	75.5	115.5
77	64.6	80.2	120.2#
79	26.5	9.5	49.5

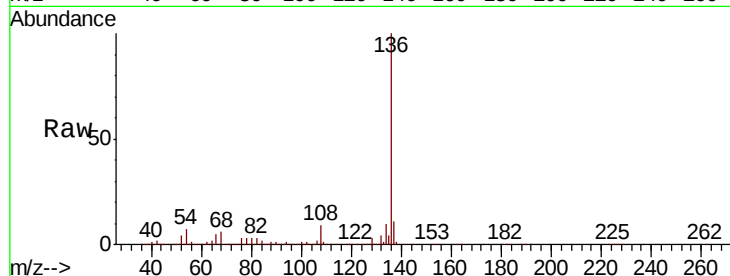




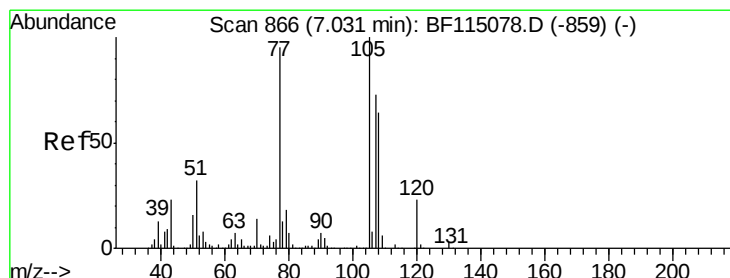
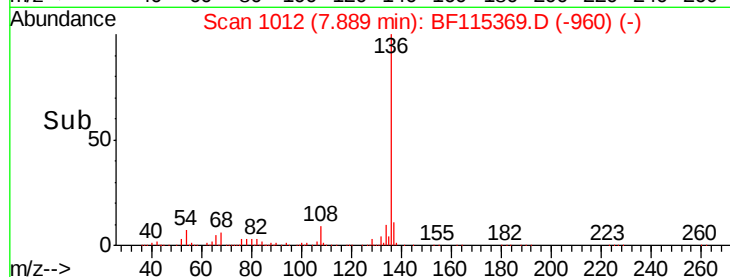
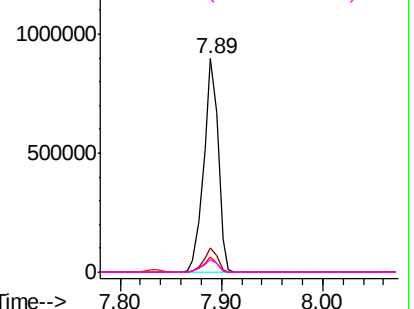
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion:	136	Resp:	886989
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.1	5.6	8.4
68	5.9	4.8	7.2

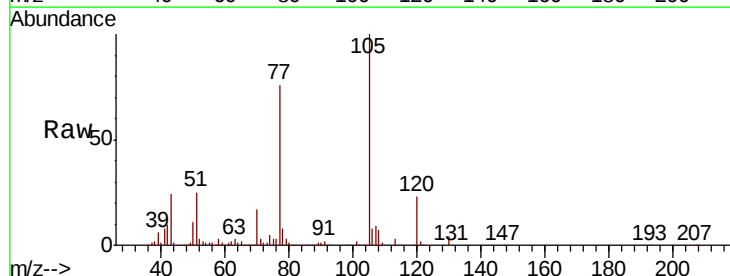


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

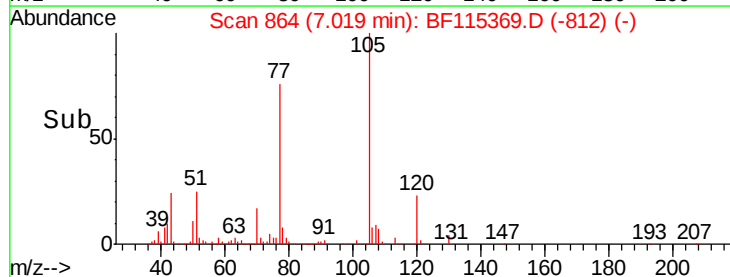
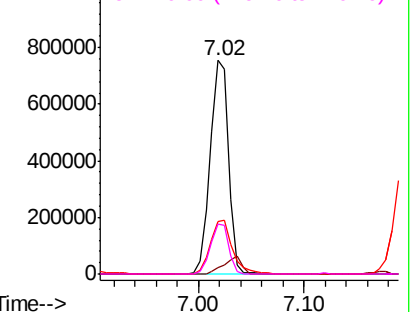


#22
Acetophenone
Concen: 44.477 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:	105	Resp:	903147
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.9	2.9#
51	24.5	25.8	38.8#
120	23.3	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

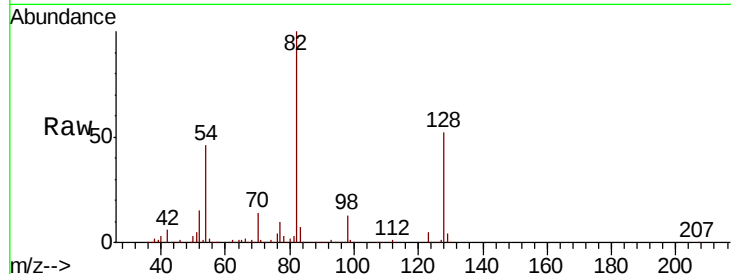




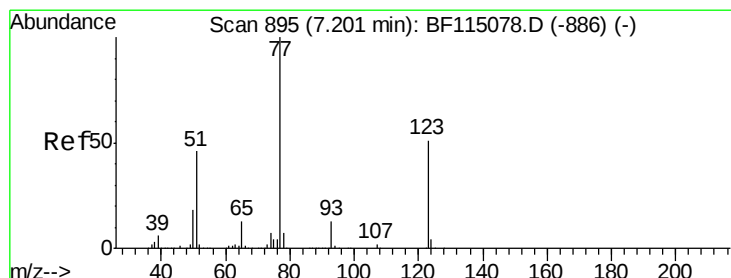
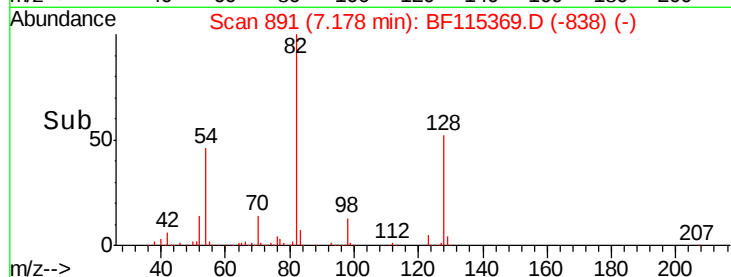
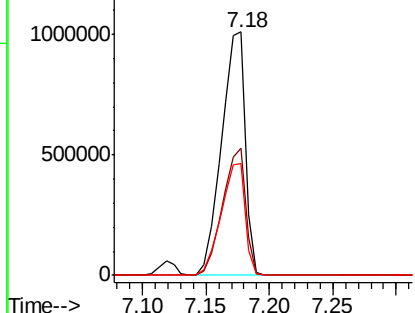
#23
Nitrobenzene-d5
Concen: 90.653 ng
RT: 7.18 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion: 82 Resp: 1307124
Ion Ratio Lower Upper
82 100
128 52.4 40.4 60.6
54 46.1 37.5 56.3

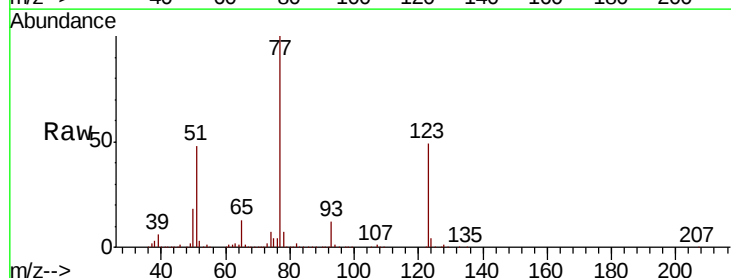


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

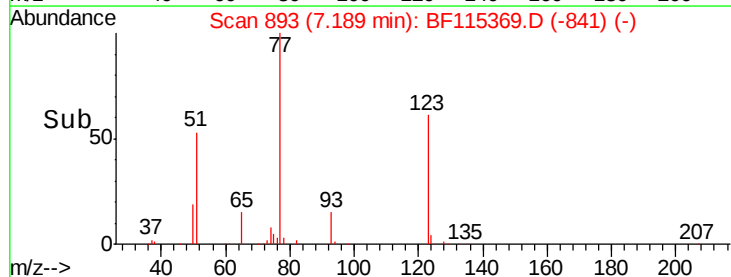
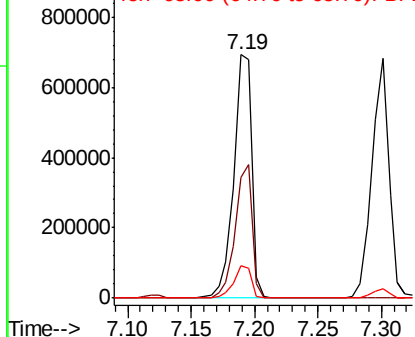


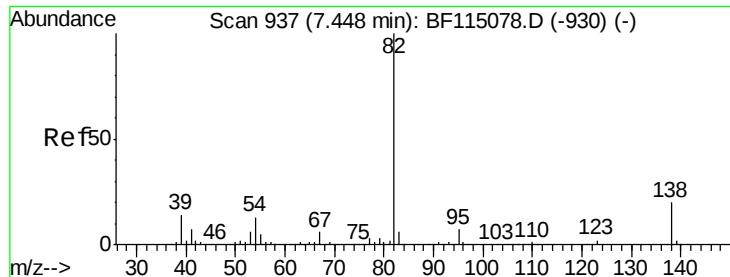
#24
Nitrobenzene
Concen: 41.890 ng
RT: 7.19 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion: 77 Resp: 665427
Ion Ratio Lower Upper
77 100
123 49.4 41.0 61.6
65 13.2 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: 40.375 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

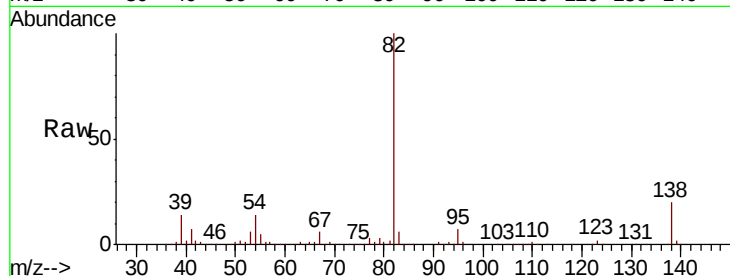
Tgt Ion: 82 Resp: 1192603

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

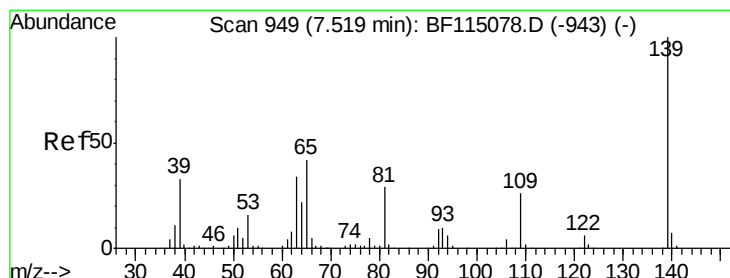
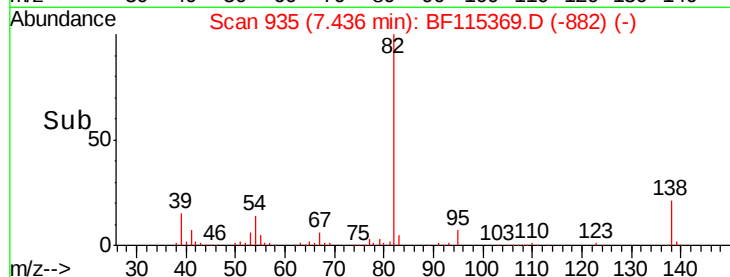
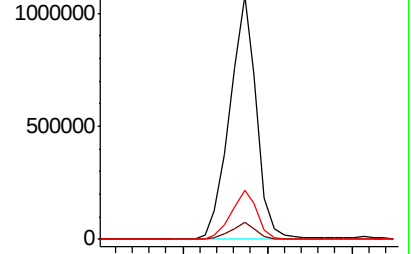
138 20.2 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF115078.D (-930) (-)

Ion 95.00 (94.70 to 95.70): BF115078.D (-930) (-)

Ion 138.00 (137.70 to 138.70): BF115078.D (-930) (-)



#26

2-Nitrophenol

Concen: 46.631 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

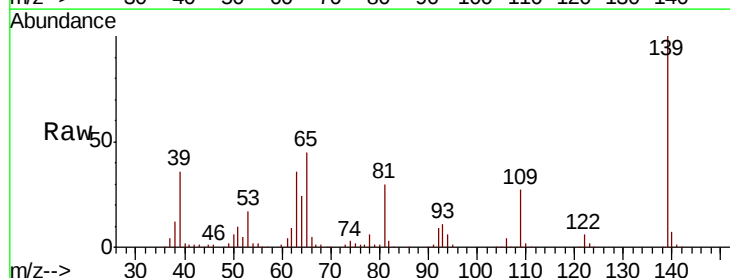
Tgt Ion: 139 Resp: 365809

Ion Ratio Lower Upper

139 100

109 26.9 20.4 30.6

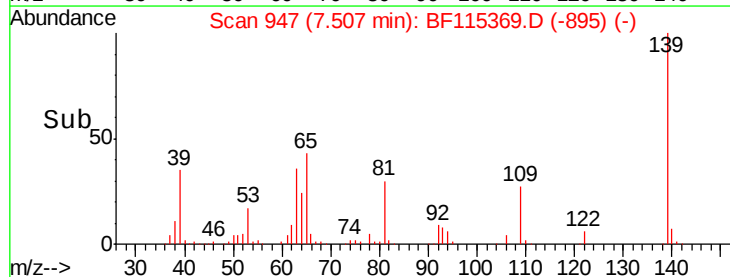
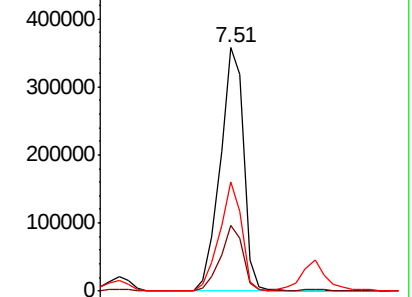
65 44.8 33.6 50.4

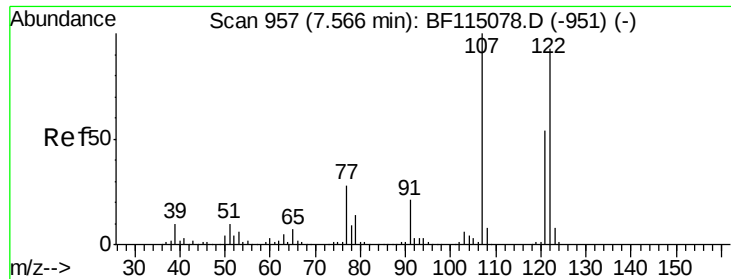


Abundance Ion 139.00 (138.70 to 139.70): BF115078.D (-943) (-)

Ion 109.00 (108.70 to 109.70): BF115078.D (-943) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-943) (-)

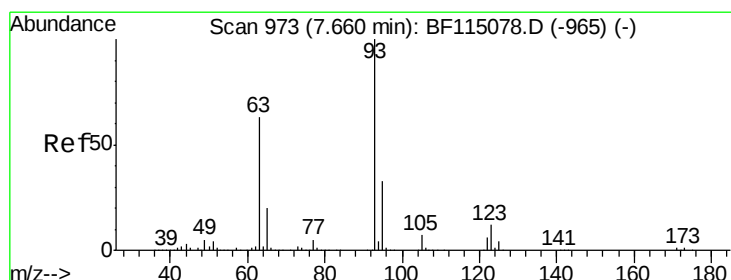
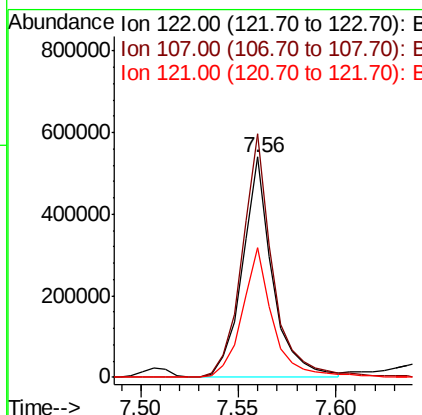
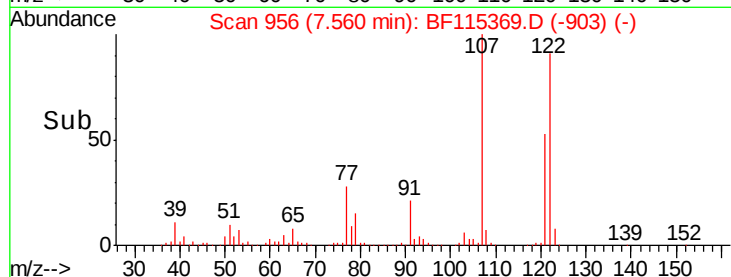
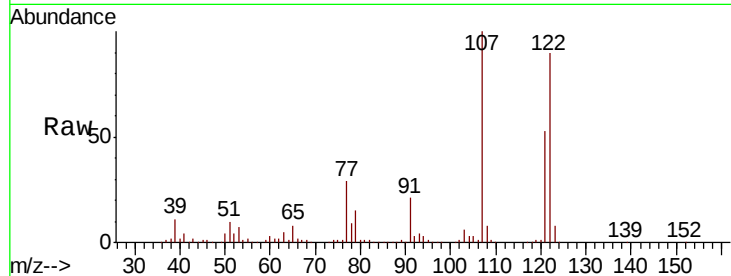




#27
2,4-Dimethylphenol
Concen: 44.835 ng
RT: 7.56 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

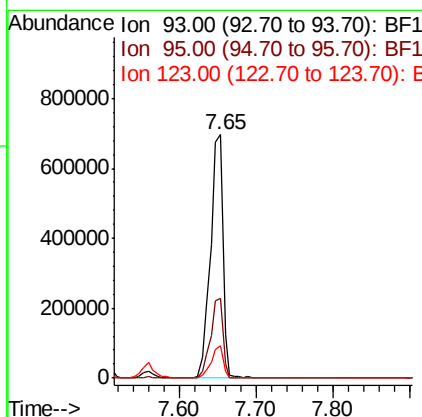
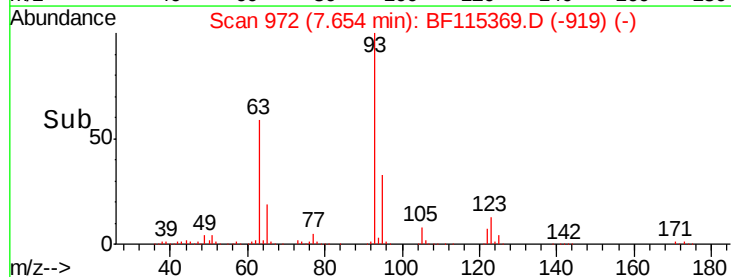
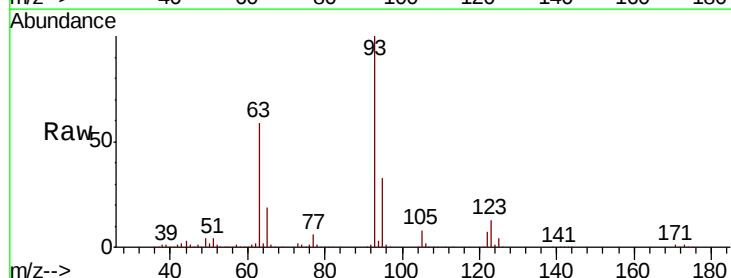
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion:122 Resp: 575870
Ion Ratio Lower Upper
122 100
107 110.5 85.8 128.6
121 58.7 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.424 ng
RT: 7.65 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion: 93 Resp: 773350
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 13.1 9.7 14.5

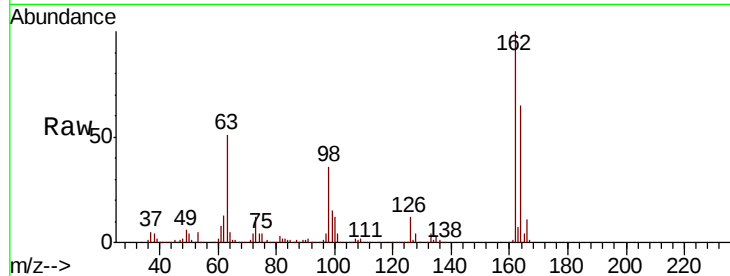




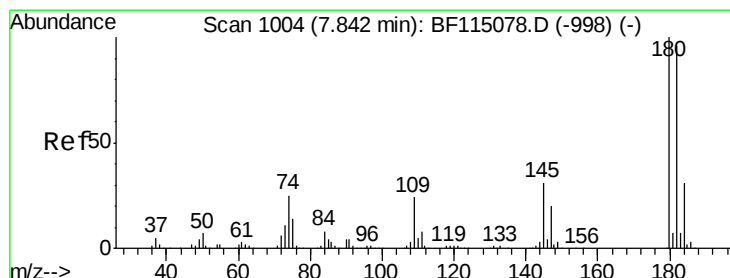
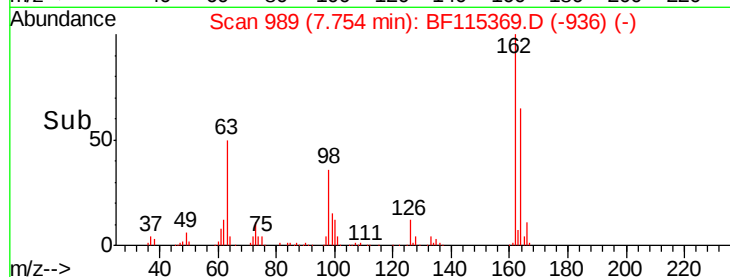
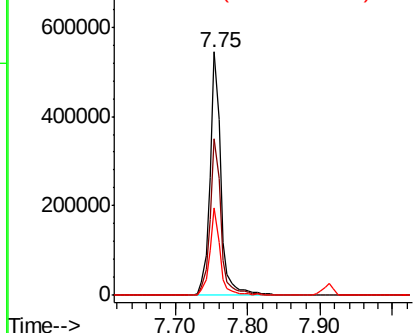
#29
 2,4-Dichlorophenol
 Concen: 42.867 ng
 RT: 7.75 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.3	85.3
98	35.7	12.5	52.5

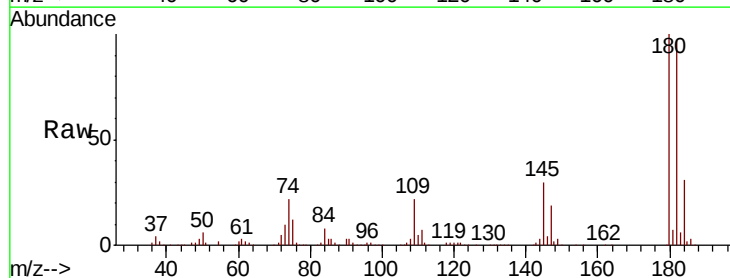


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

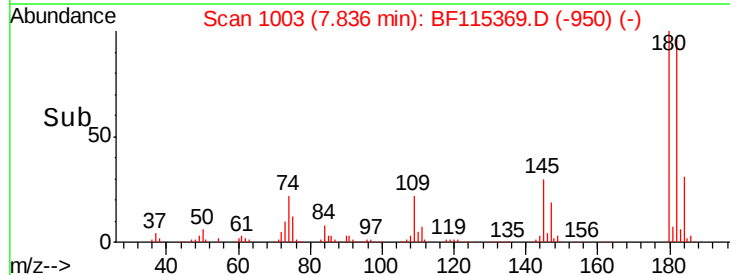
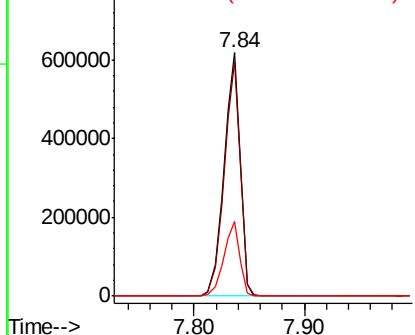


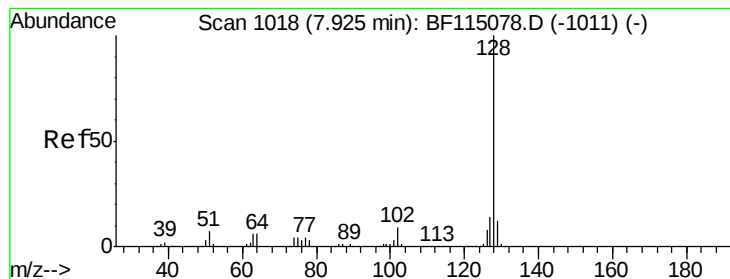
#30
 1,2,4-Trichlorobenzene
 Concen: 42.977 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	30.5	24.8	37.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.422 ng

RT: 7.91 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

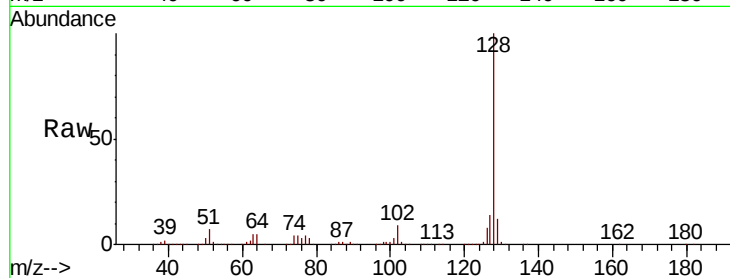
Tgt Ion:128 Resp: 1890604

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

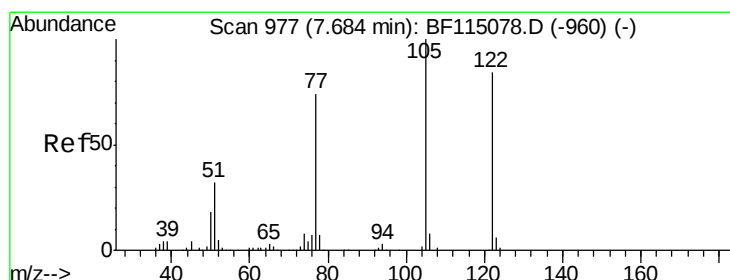
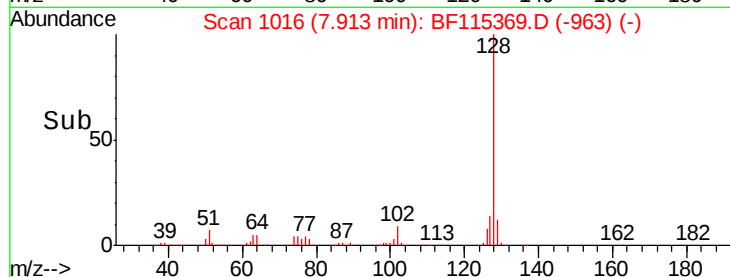
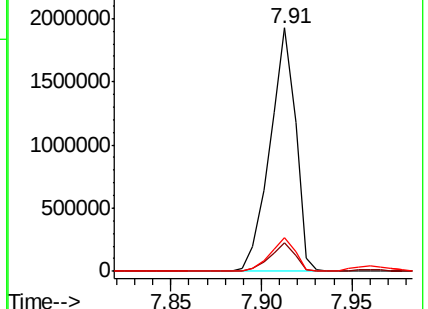
127 13.9 11.4 17.0



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: 12.821 ng

RT: 7.66 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

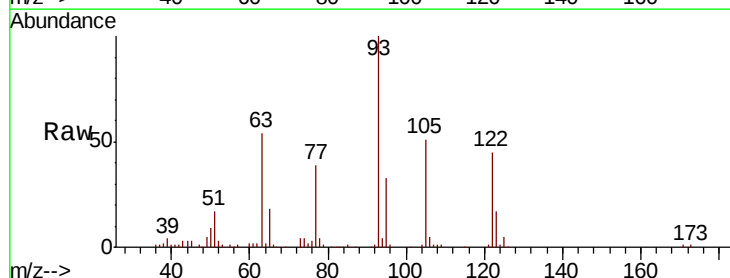
Tgt Ion:122 Resp: 117544

Ion Ratio Lower Upper

122 100

105 112.2 98.2 138.2

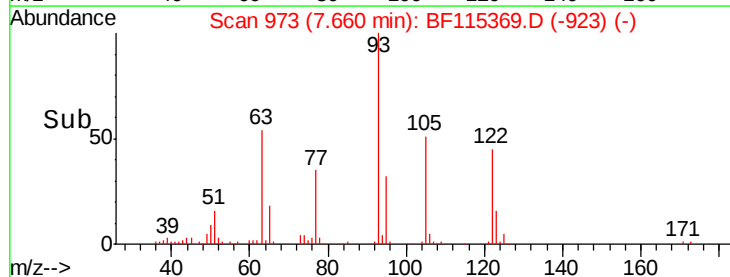
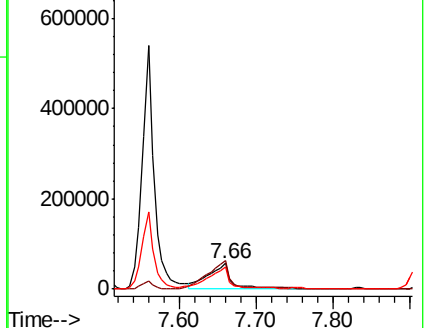
77 85.0 67.0 107.0

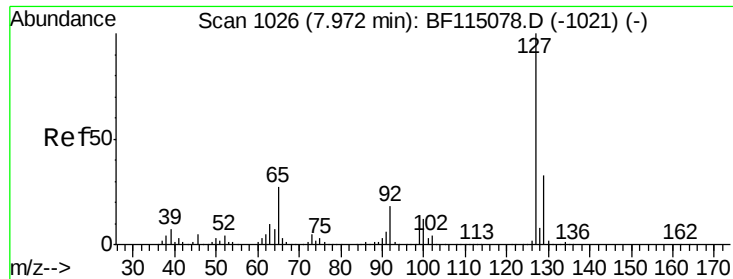


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

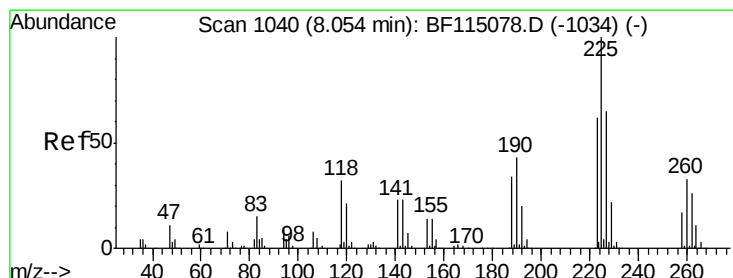
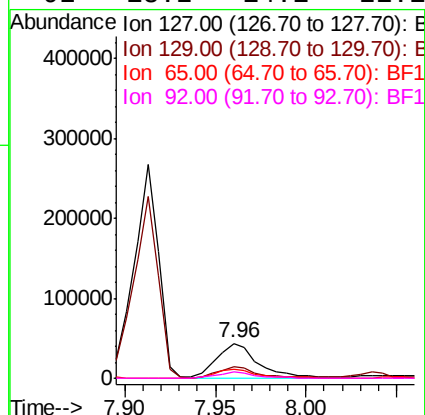
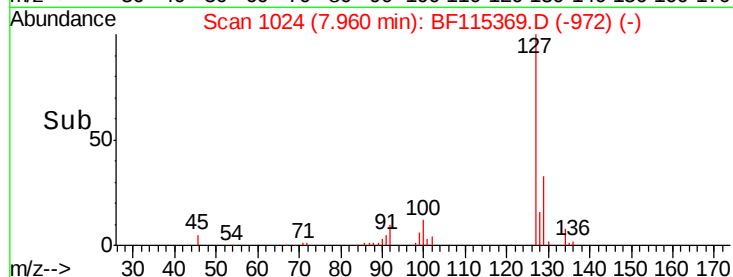
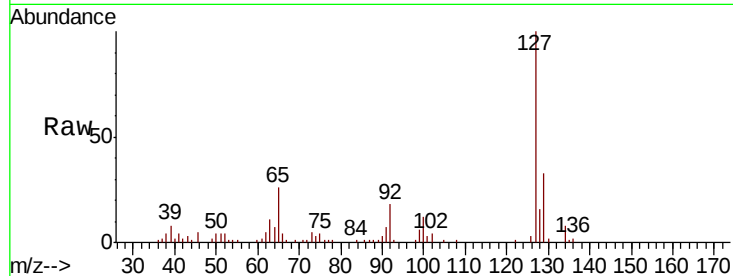




#33
4-Chloroaniline
Concen: 3.493 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

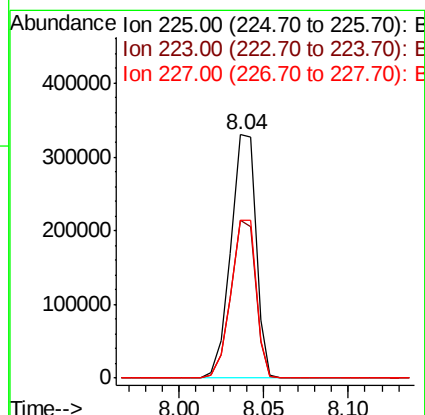
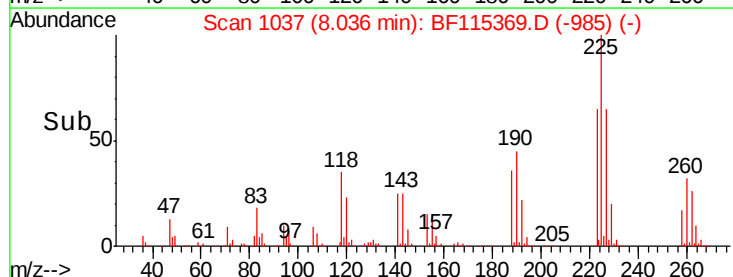
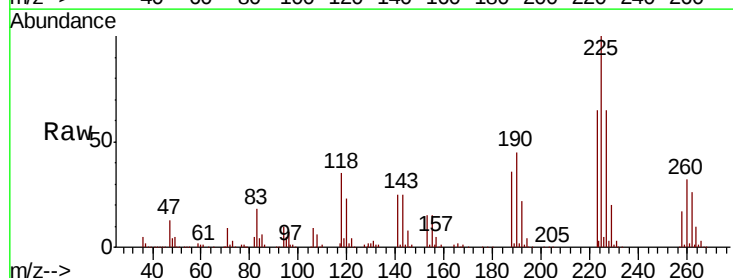
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

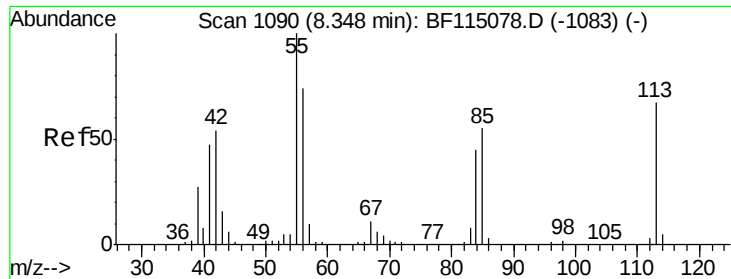
Tgt Ion:	127	Resp:	69503
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	26.1	21.4	32.2
92	18.2	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.698 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:	225	Resp:	342585
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.4	74.2
227	64.6	51.8	77.8

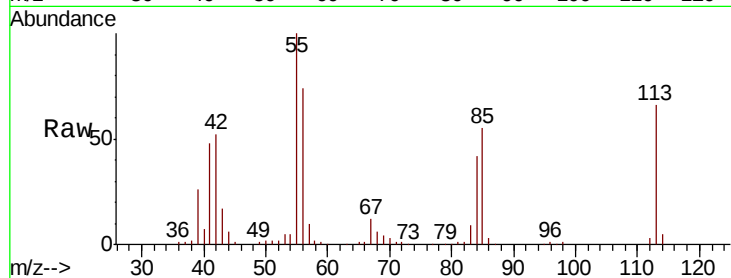




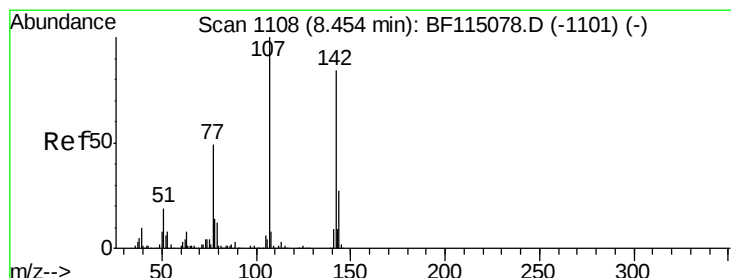
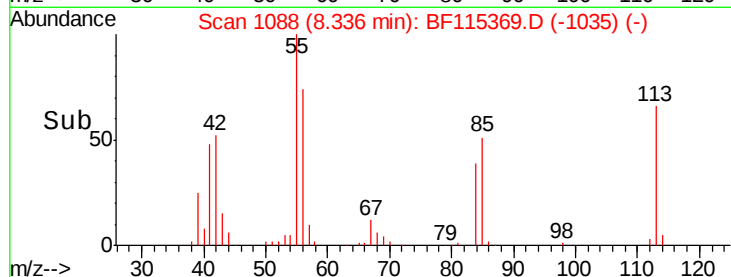
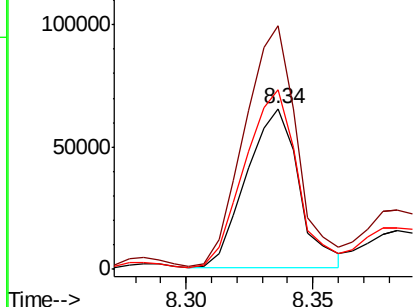
#35
 Caprolactam
 Concen: 21.276 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:113 Resp: 94814
 Ion Ratio Lower Upper
 113 100
 55 151.7 130.2 170.2
 56 112.2 91.6 131.6

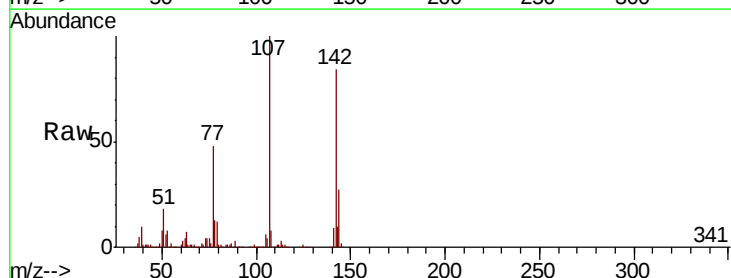


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

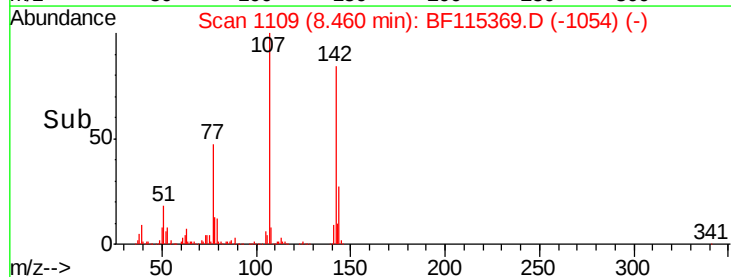
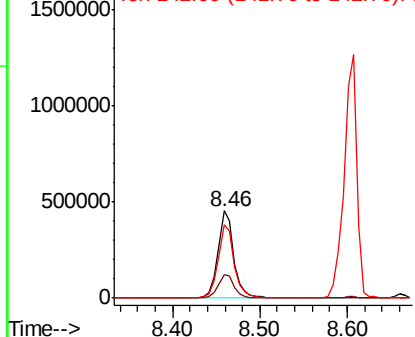


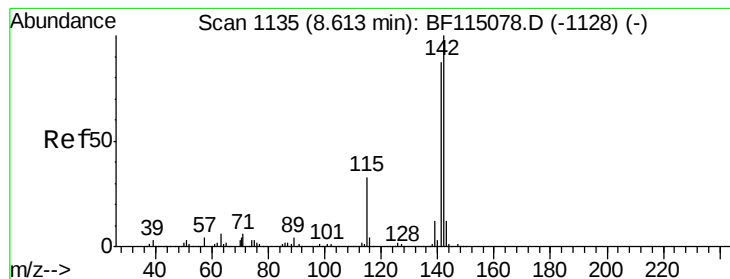
#36
 4-Chloro-3-methylphenol
 Concen: 42.805 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:107 Resp: 574601
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.7 32.5
 142 83.9 67.0 100.4



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





#37

2-Methylnaphthalene

Concen: 43.800 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

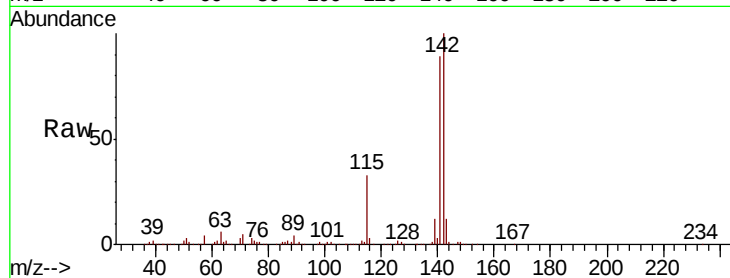
Tgt Ion:142 Resp: 1285845

Ion Ratio Lower Upper

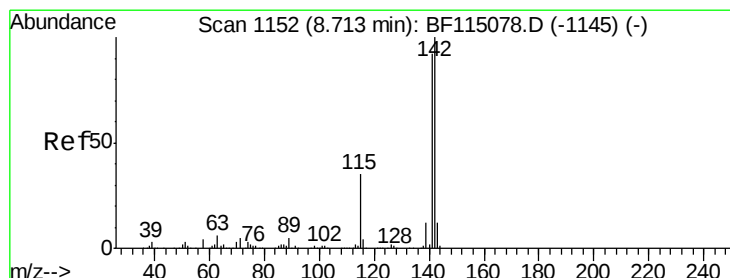
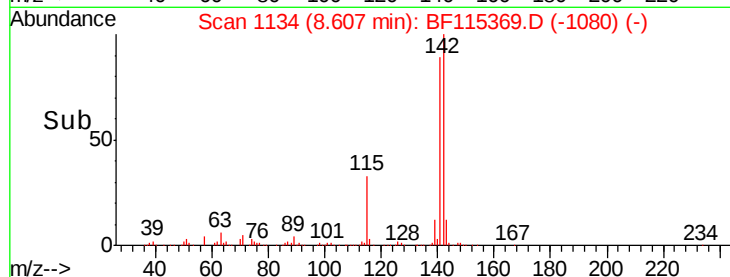
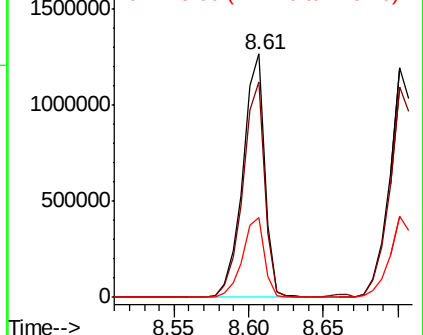
142 100

141 88.7 69.8 104.6

115 32.5 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: 43.315 ng

RT: 8.70 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

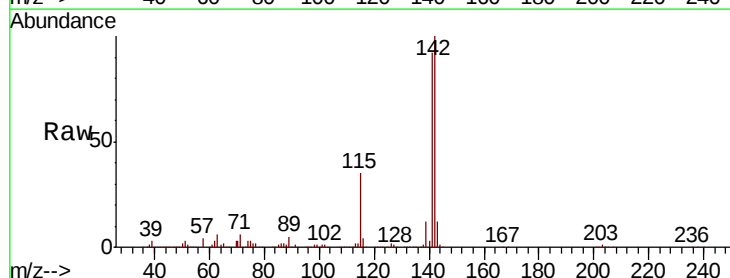
Tgt Ion:142 Resp: 1214460

Ion Ratio Lower Upper

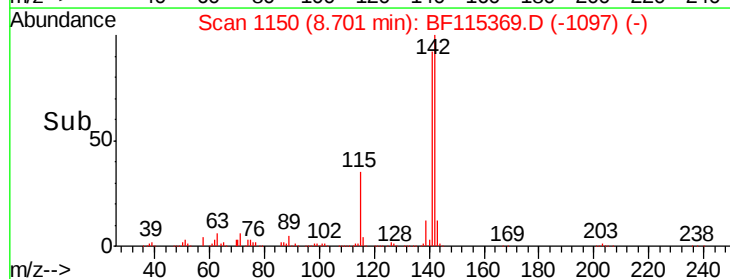
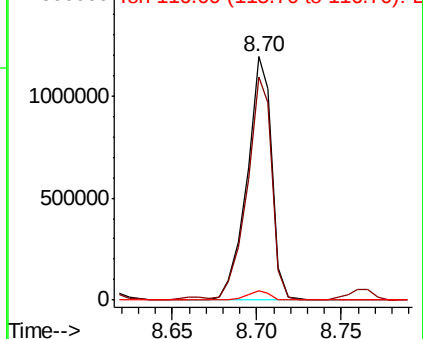
142 100

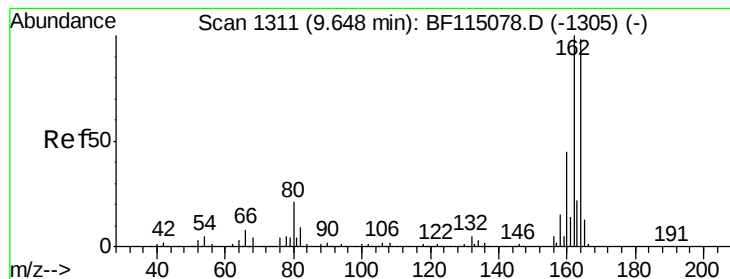
141 91.6 73.8 110.8

116 3.7 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

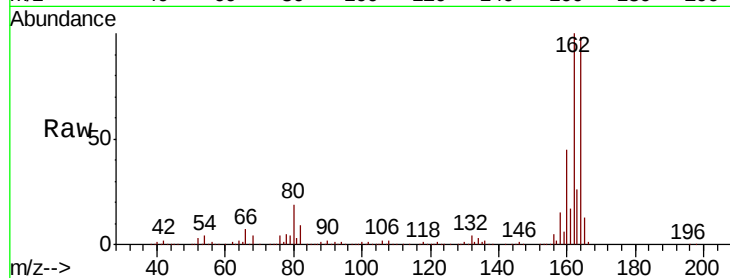
Tgt Ion:164 Resp: 429502

Ion Ratio Lower Upper

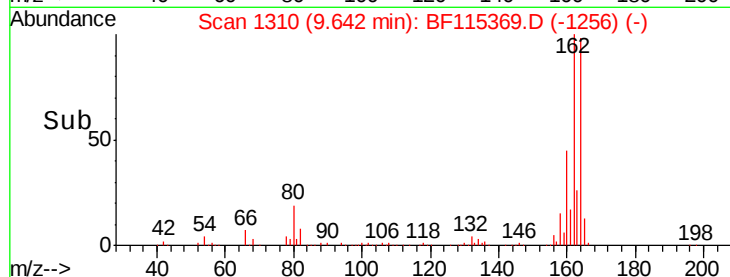
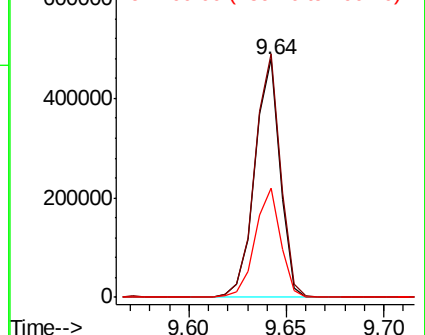
164 100

162 102.1 81.7 122.5

160 46.0 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: 47.115 ng

RT: 8.77 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Tgt Ion:216 Resp: 571832

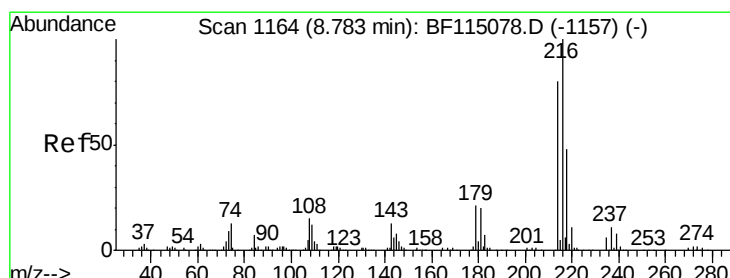
Ion Ratio Lower Upper

216 100

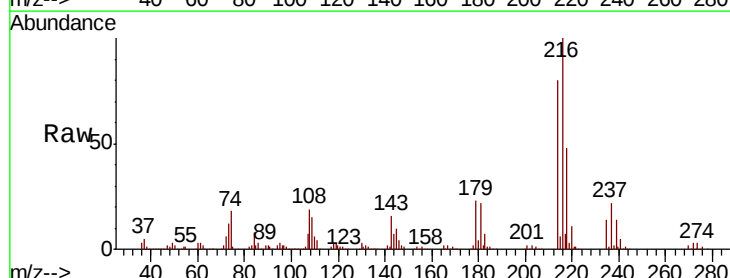
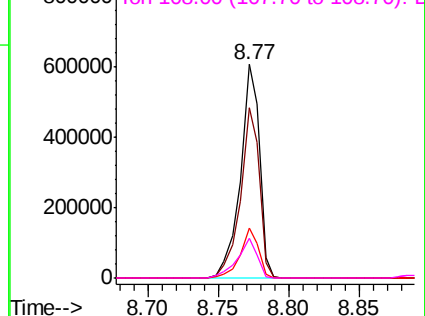
214 78.9 63.8 95.6

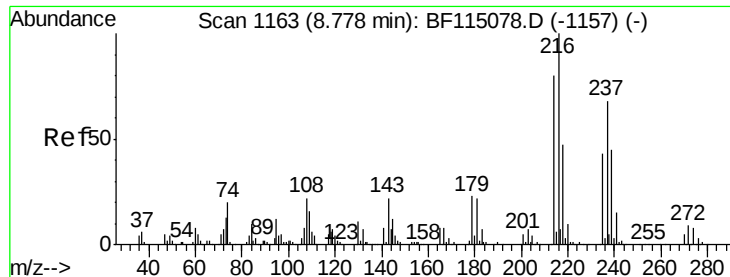
179 21.9 17.6 26.4

108 19.4 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: 61.851 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

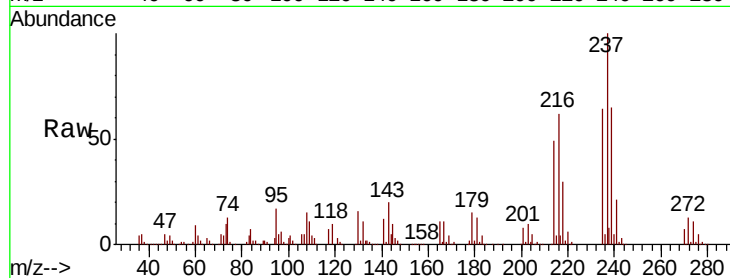
Tgt Ion: 237 Resp: 445128

Ion Ratio Lower Upper

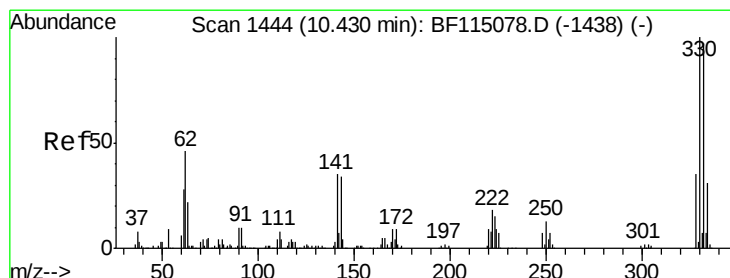
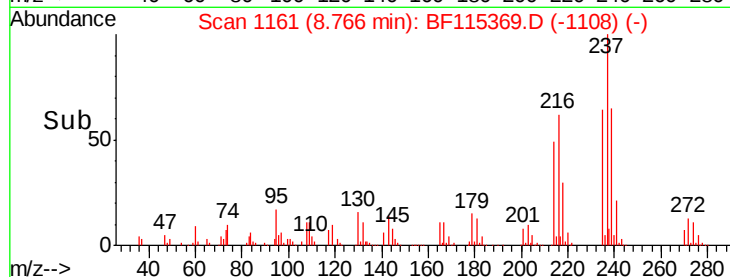
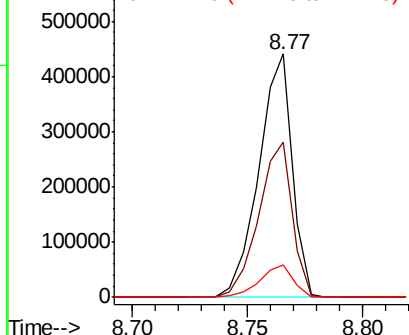
237 100

235 63.6 43.9 83.9

272 13.5 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: 130.795 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

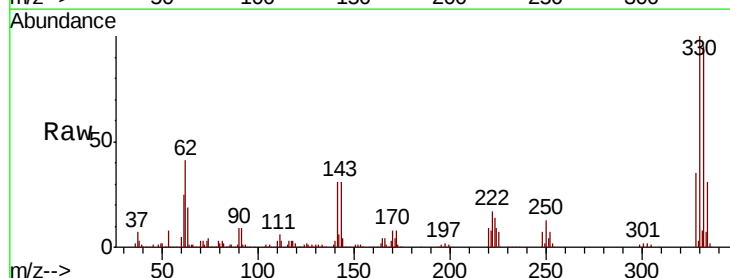
Tgt Ion: 330 Resp: 592404

Ion Ratio Lower Upper

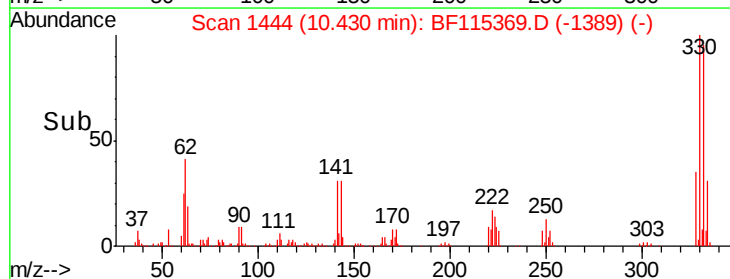
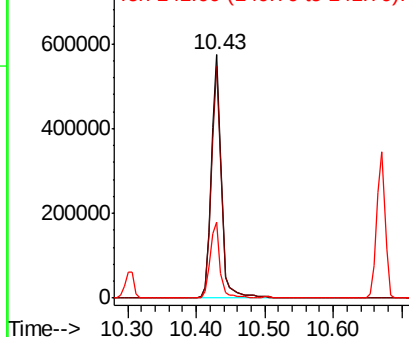
330 100

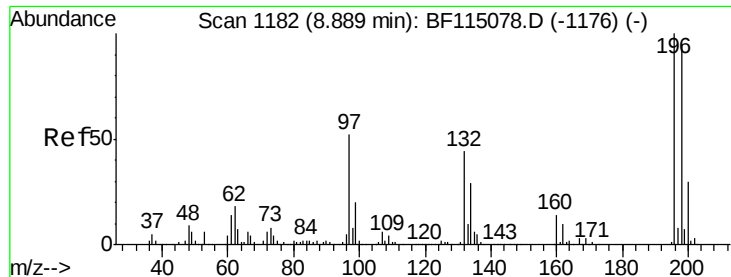
332 95.1 77.3 115.9

141 31.2 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

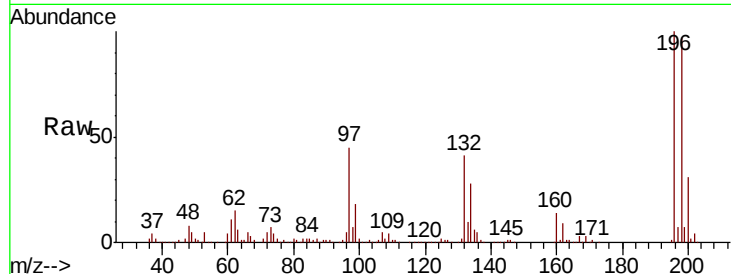




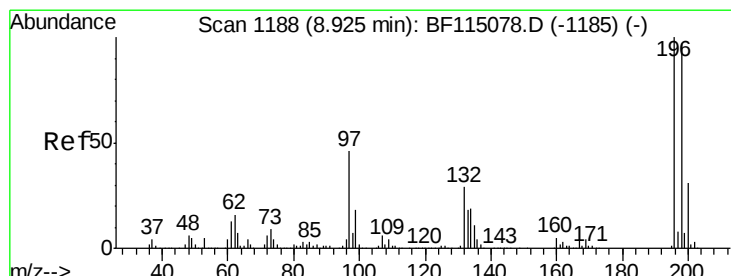
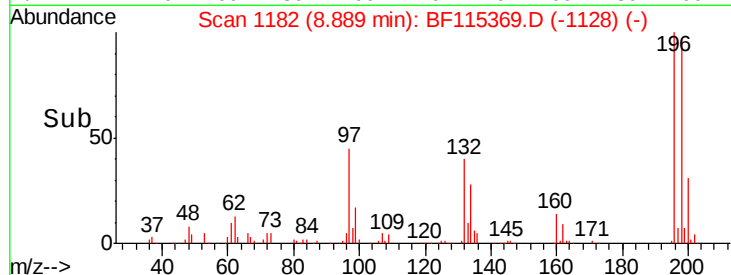
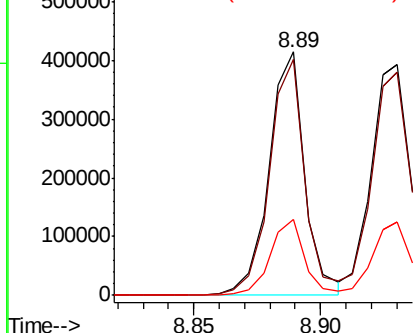
#43
 2,4,6-Trichlorophenol
 Concen: 43.020 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:196 Resp: 403101
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.3 114.5
 200 31.0 24.2 36.4



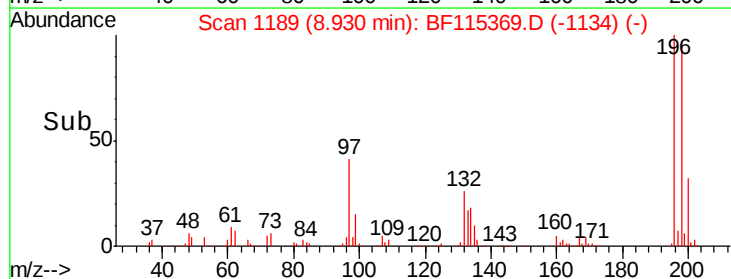
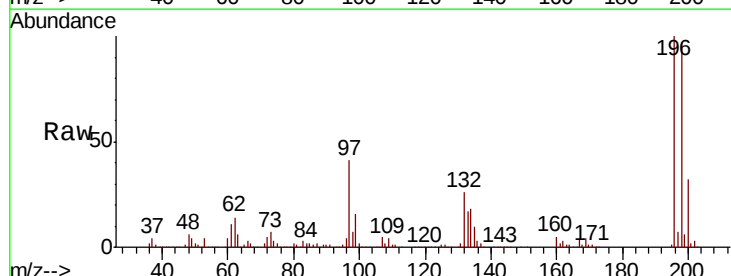
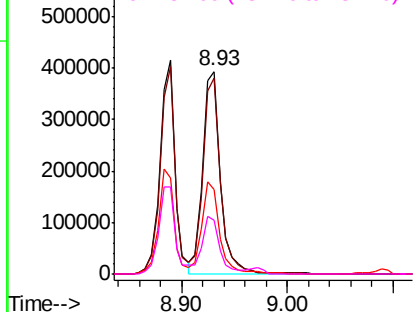
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

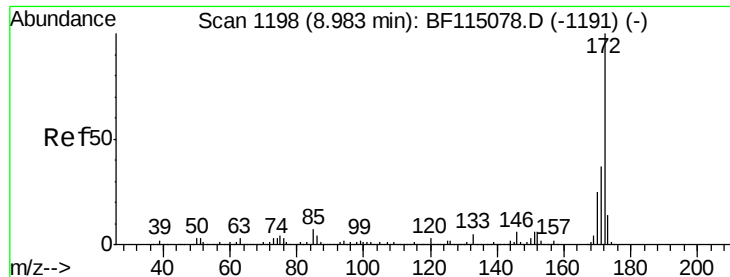


#44
 2,4,5-Trichlorophenol
 Concen: 47.491 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:196 Resp: 458265
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.1 115.7
 97 41.5 37.7 56.5
 132 26.3 23.1 34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

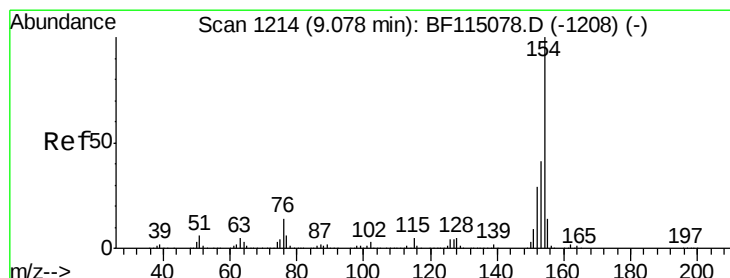
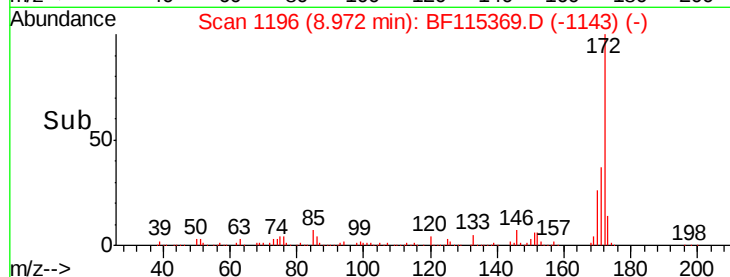
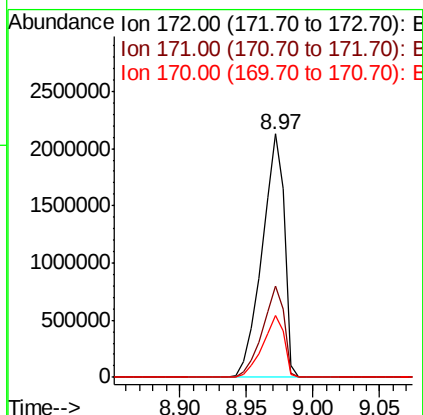
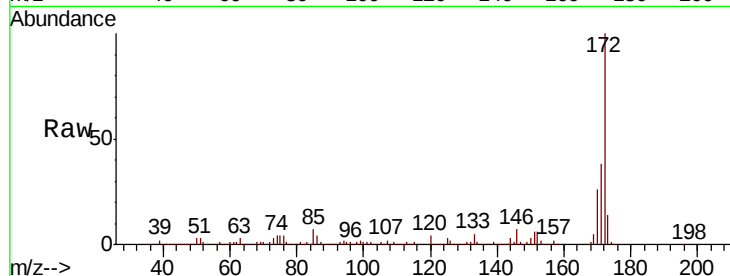




#45
 2-Fluorobiphenyl
 Concen: 96.535 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

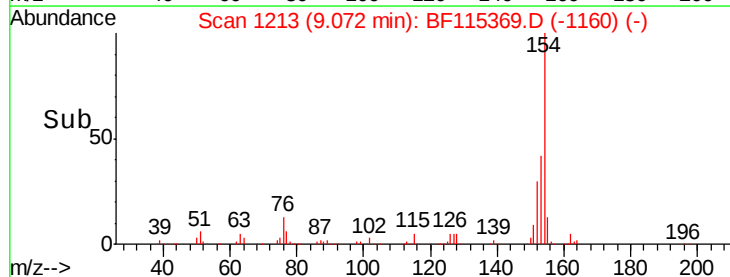
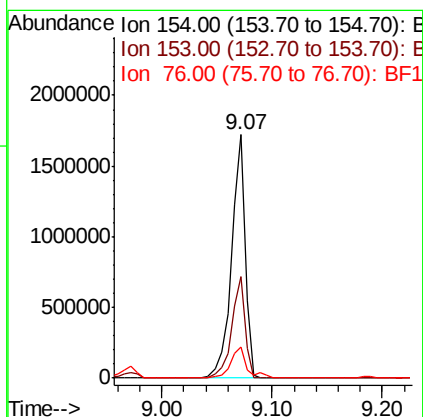
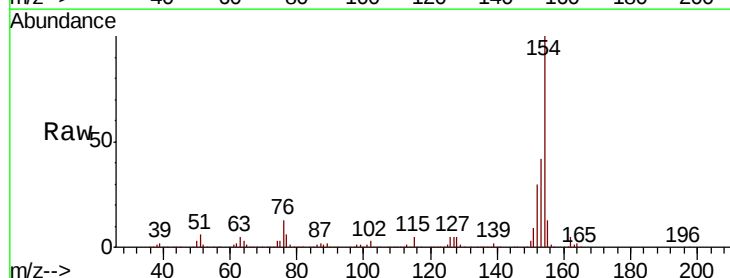
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

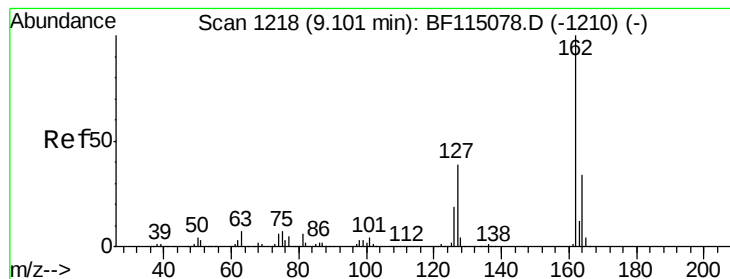
Tgt Ion:172 Resp: 2440907
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.6 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 43.554 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:154 Resp: 1496788
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.9 60.9
 76 12.8 0.0 34.1





#47

2-Chloronaphthalene

Concen: 43.104 ng

RT: 9.09 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

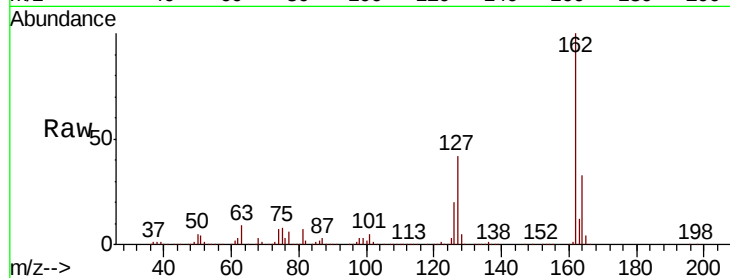
Tgt Ion: 162 Resp: 1201595

Ion Ratio Lower Upper

162 100

127 41.6 30.8 46.2

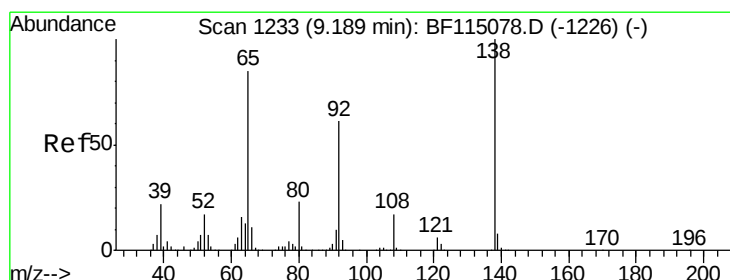
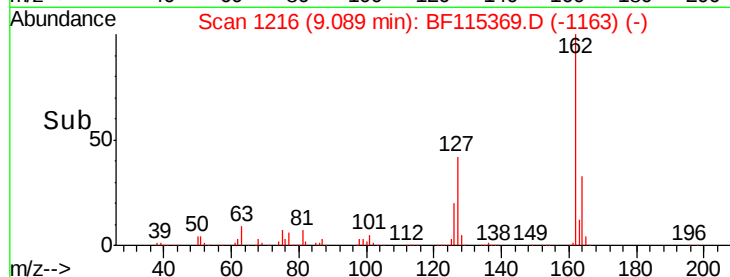
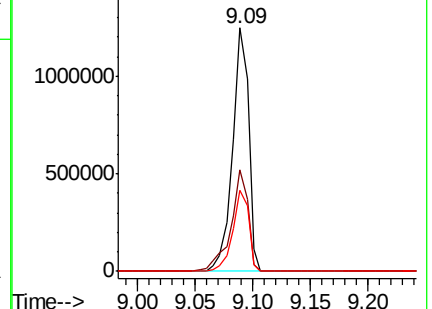
164 33.4 27.0 40.4



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: 43.710 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

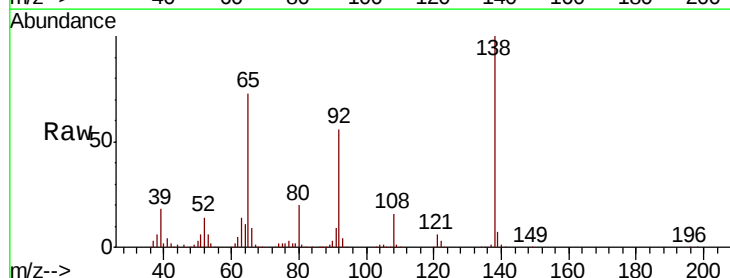
Tgt Ion: 65 Resp: 355233

Ion Ratio Lower Upper

65 100

92 75.9 57.4 86.2

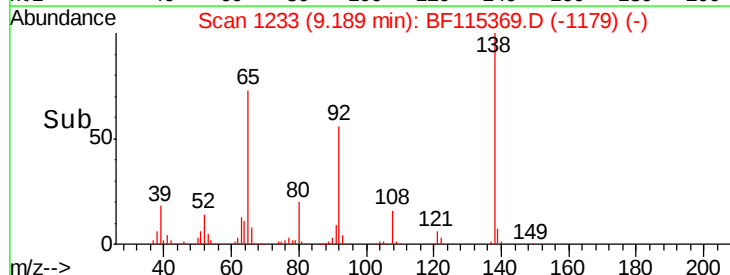
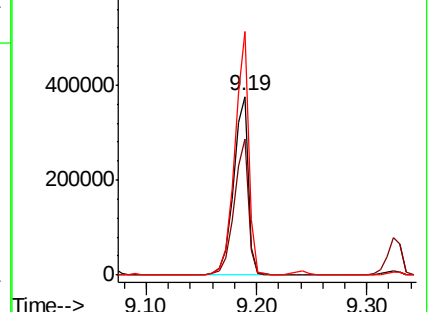
138 136.1 94.1 141.1

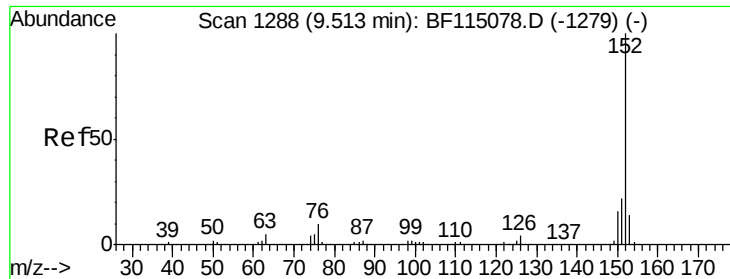


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.127 ng

RT: 9.50 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

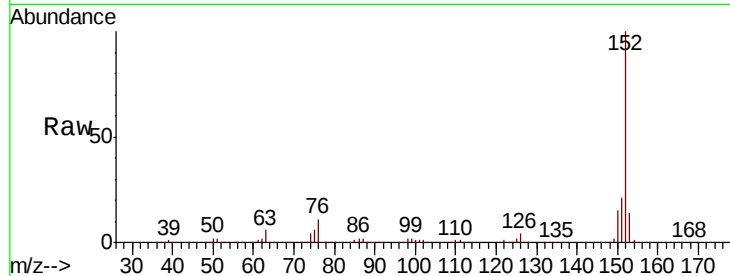
Tgt Ion:152 Resp: 1873092

Ion Ratio Lower Upper

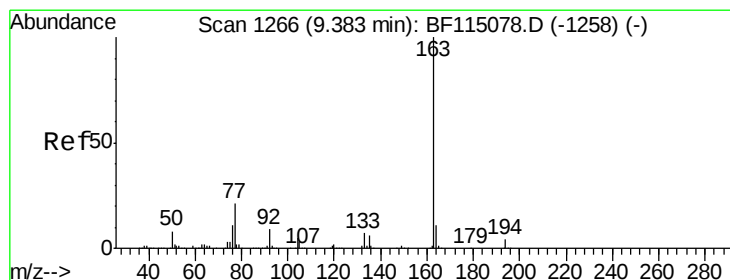
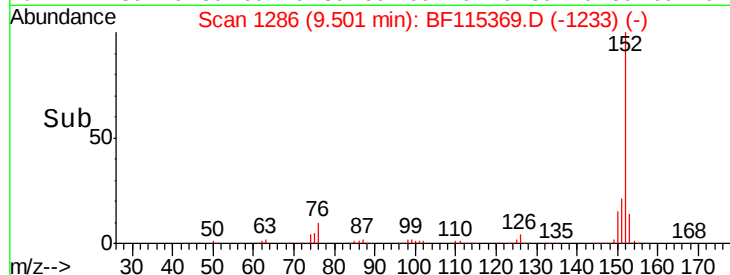
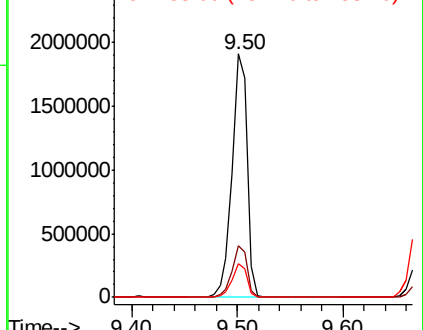
152 100

151 21.4 17.2 25.8

153 14.1 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: 46.223 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

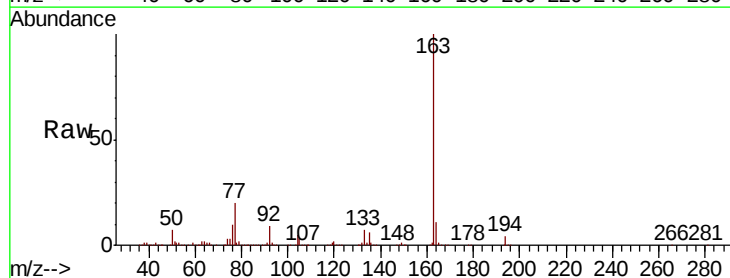
Tgt Ion:163 Resp: 1460632

Ion Ratio Lower Upper

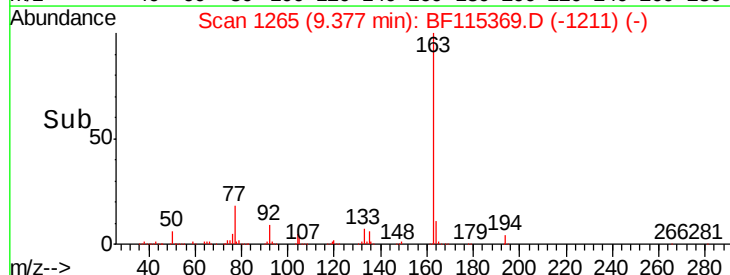
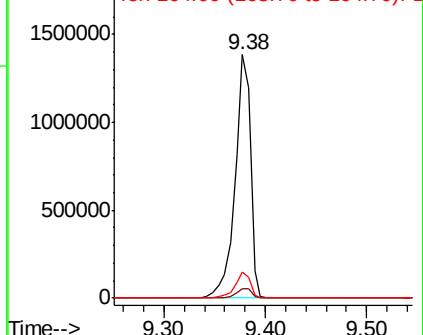
163 100

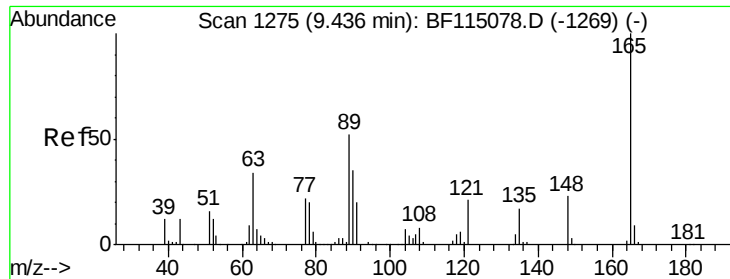
194 4.1 3.2 4.8

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: 46.172 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

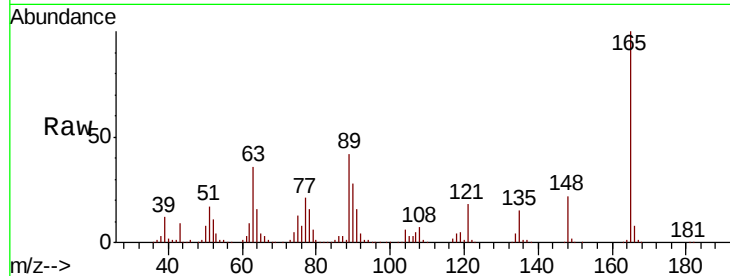
Tgt Ion:165 Resp: 336841

Ion Ratio Lower Upper

165 100

63 36.5 39.4 59.2#

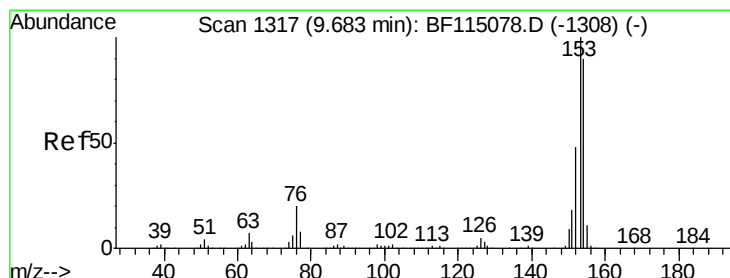
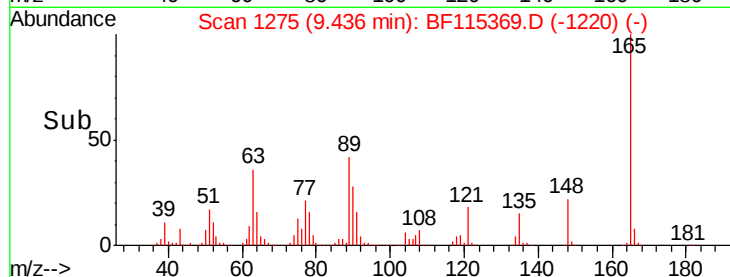
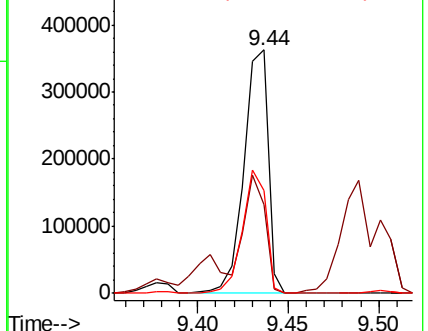
89 42.3 42.0 63.0



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: 39.550 ng

RT: 9.68 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

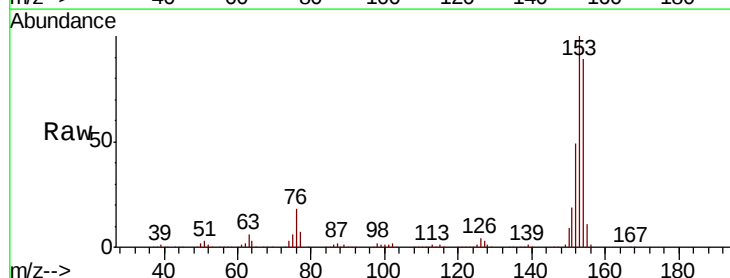
Tgt Ion:154 Resp: 1074888

Ion Ratio Lower Upper

154 100

153 112.0 88.7 133.1

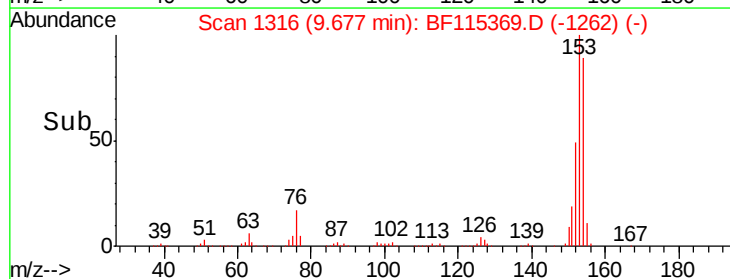
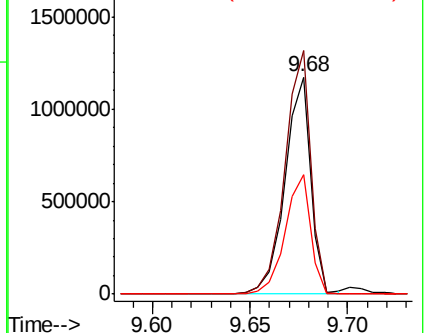
152 54.9 42.6 64.0

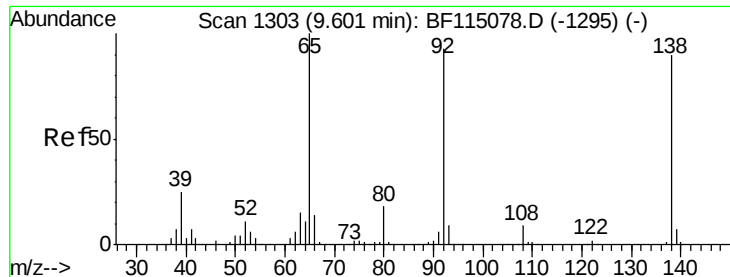


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

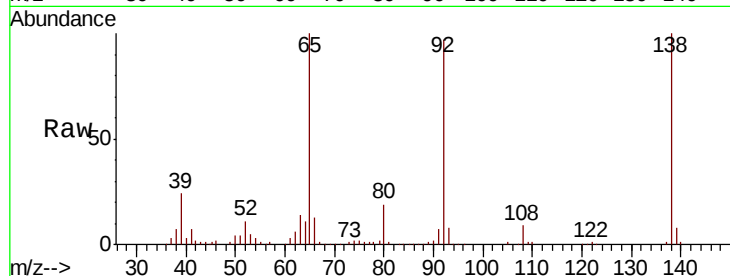




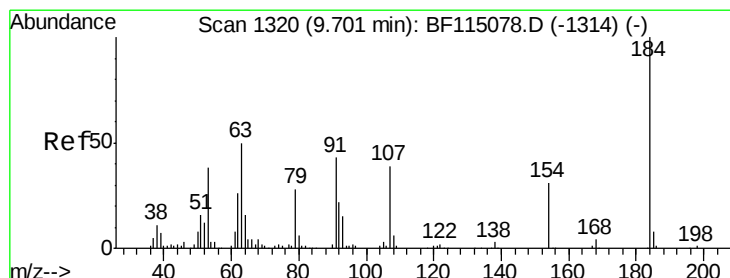
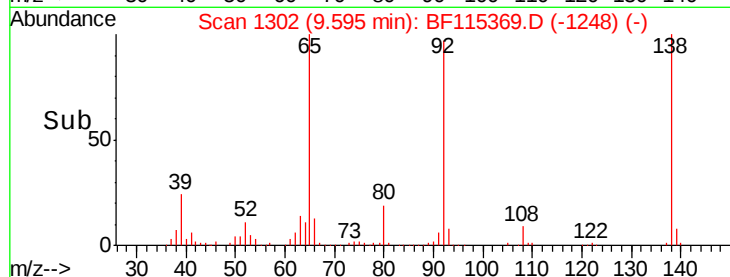
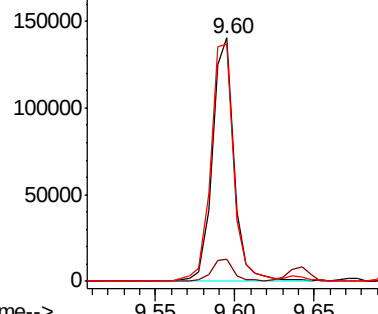
#53
 3-Nitroaniline
 Concen: 14.937 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:138 Resp: 132980
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.8 11.6
 92 97.4 82.9 124.3

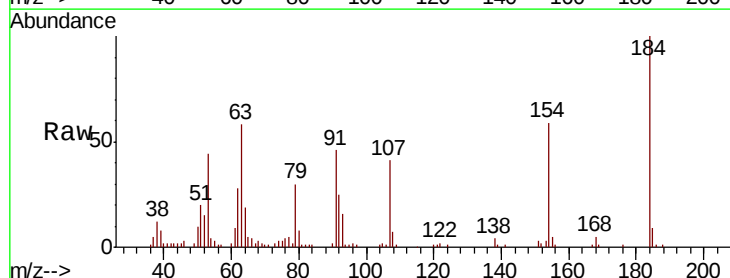


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

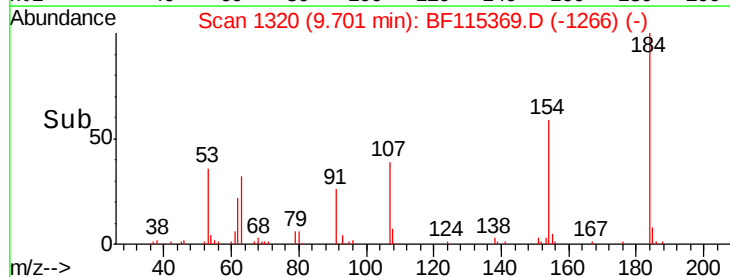
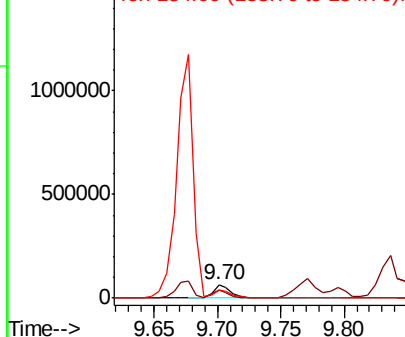


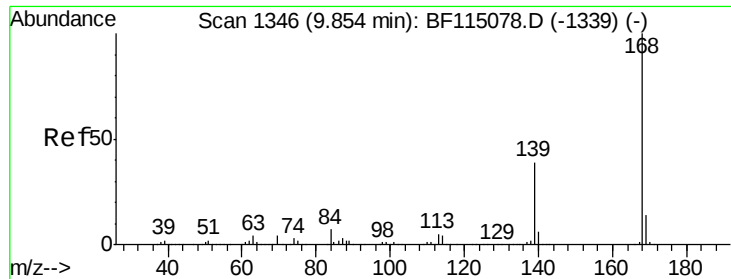
#54
 2,4-Dinitrophenol
 Concen: 23.136 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:184 Resp: 65275
 Ion Ratio Lower Upper
 184 100
 63 57.6 41.9 62.9
 154 59.4 44.7 67.1



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

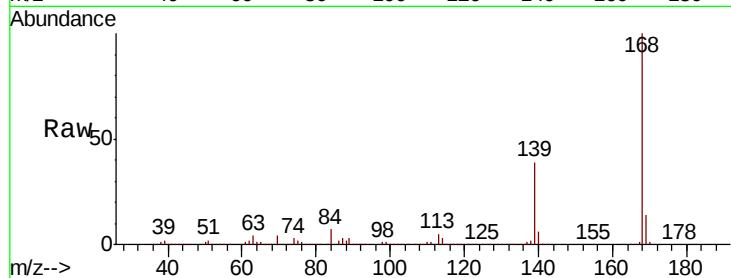




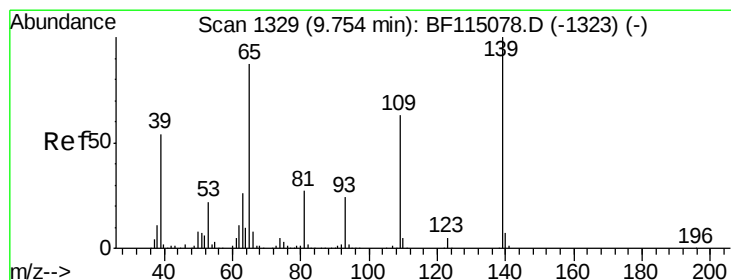
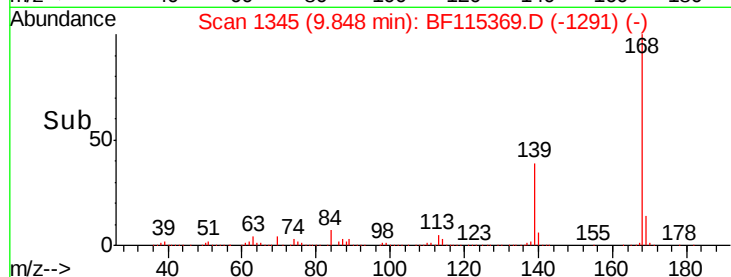
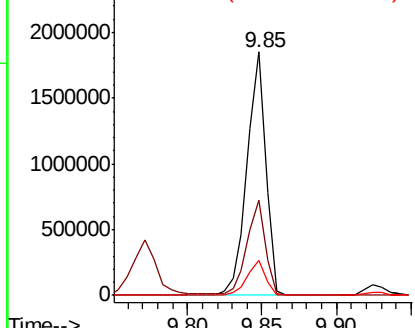
#55
Dibenzofuran
Concen: 41.440 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion:168 Resp: 1616455
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.2 11.3 16.9

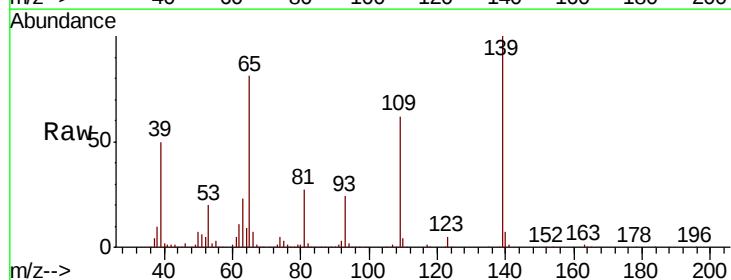


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

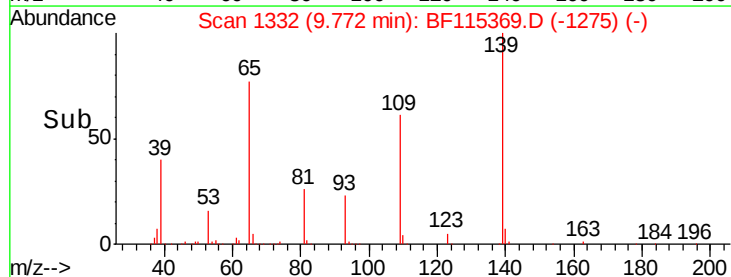
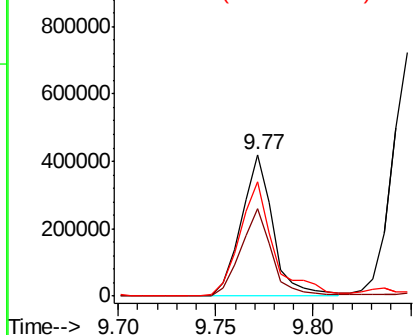


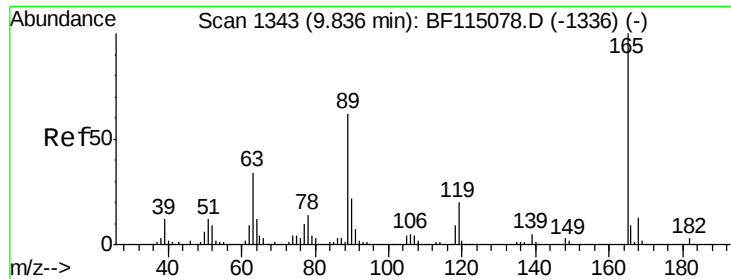
#56
4-Nitrophenol
Concen: 66.326 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.04 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:139 Resp: 473391
Ion Ratio Lower Upper
139 100
109 61.6 43.0 83.0
65 80.9 67.0 107.0



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

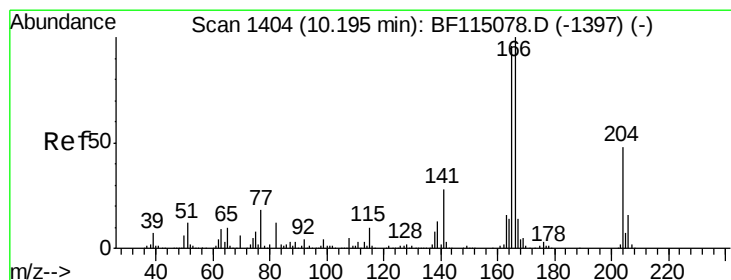
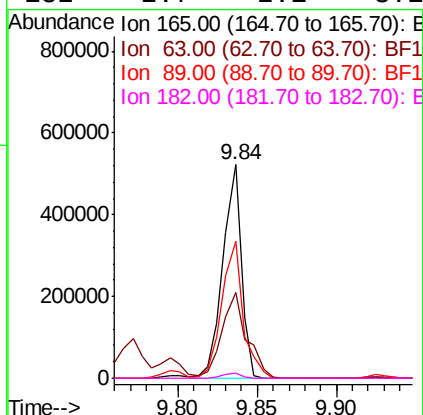
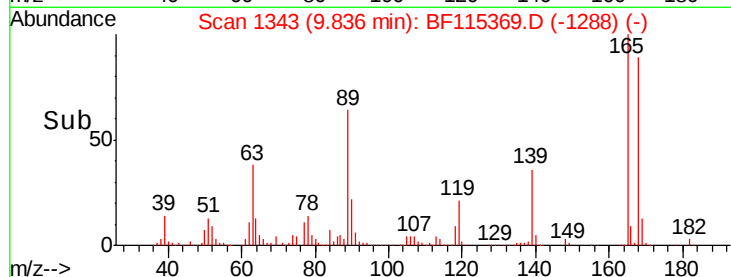
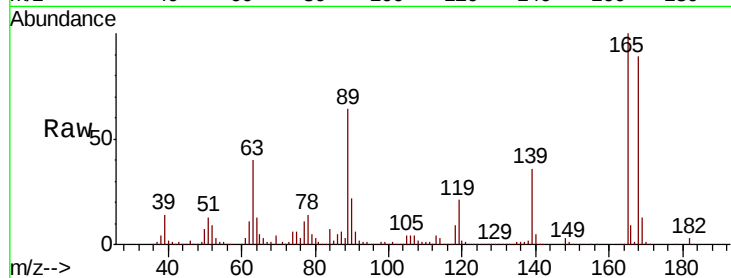




#57
2,4-Dinitrotoluene
Concen: 45.126 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

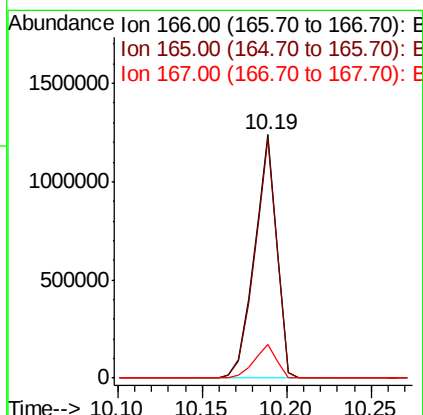
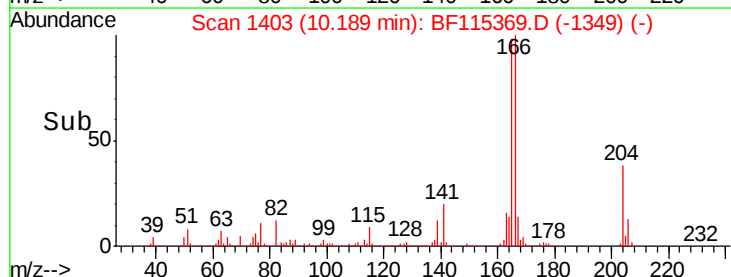
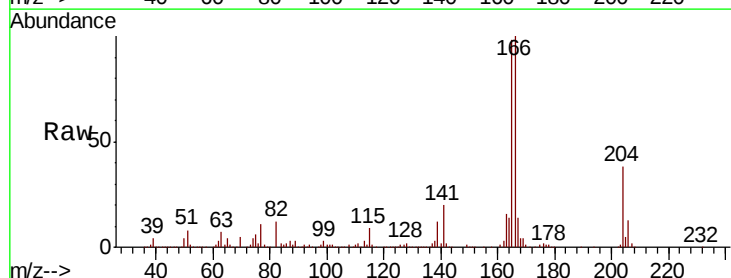
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.0	27.5	41.3
89	64.1	49.9	74.9
182	2.7	2.1	3.1



#58
Fluorene
Concen: 43.637 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.5	114.7
167	13.9	11.0	16.4

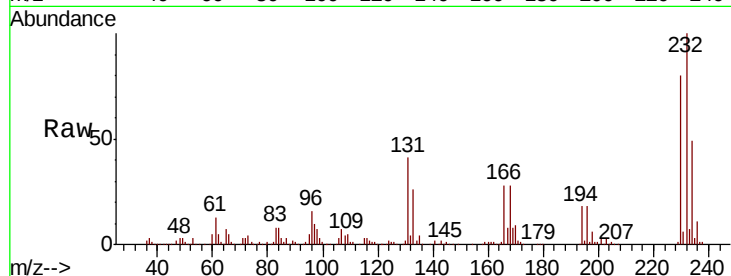




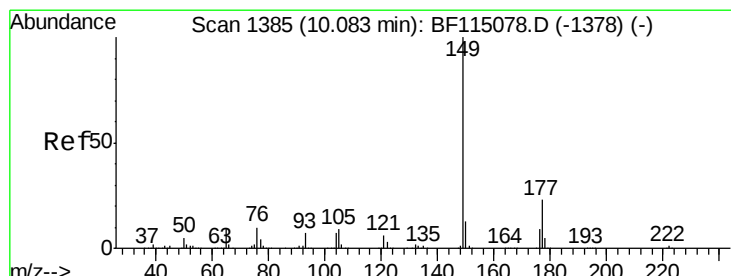
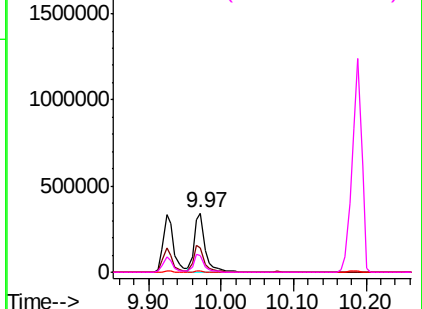
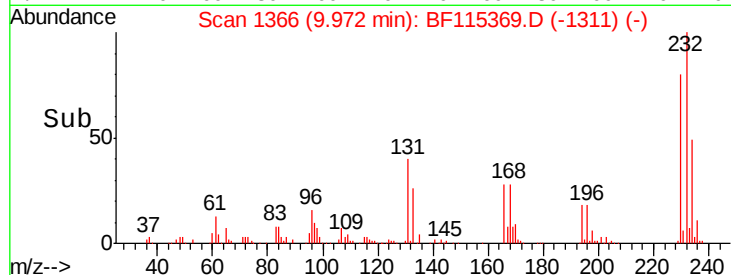
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.559 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:	232	Resp:	360542
Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.4	56.0
130	2.2	1.8	2.6
166	29.8	24.6	36.8

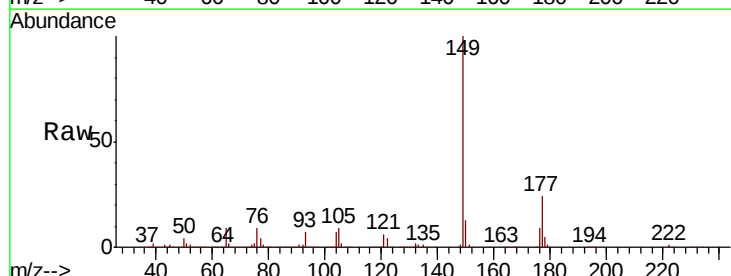


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

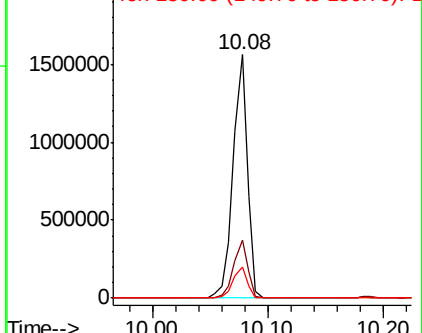
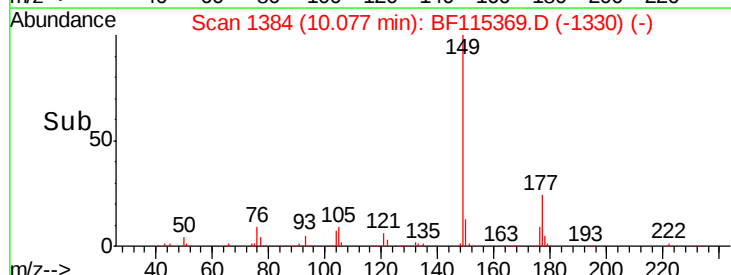


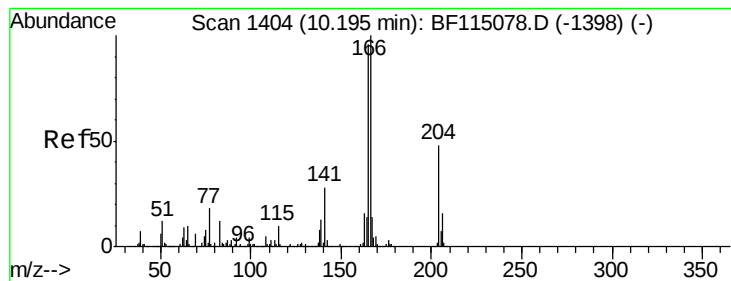
#60
 Diethylphthalate
 Concen: 42.247 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:	149	Resp:	1341920
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.7	28.1
150	13.0	10.4	15.6



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





#61

4-Chlorophenyl-phenylether

Concen: 45.490 ng

RT: 10.18 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

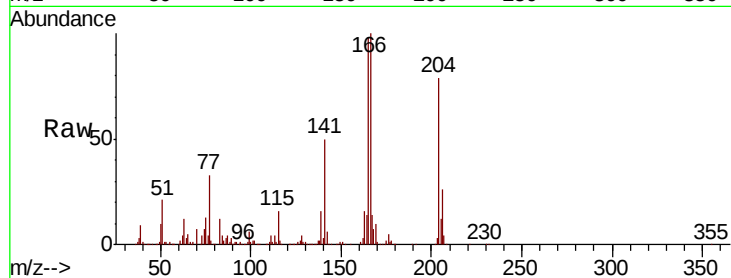
Tgt Ion:204 Resp: 560511

Ion Ratio Lower Upper

204 100

206 33.0 26.6 40.0

141 63.2 46.7 70.1

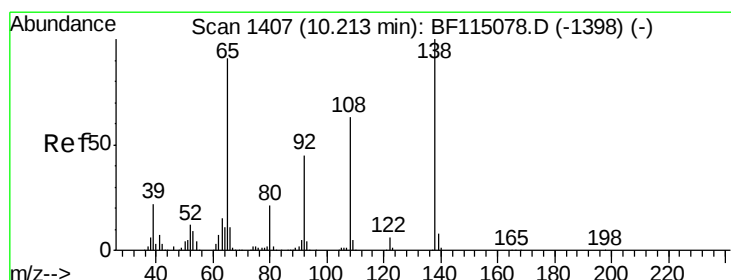
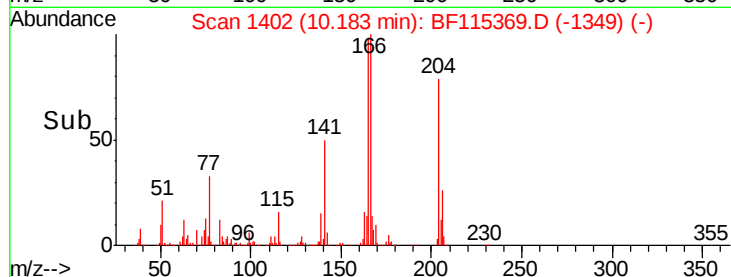
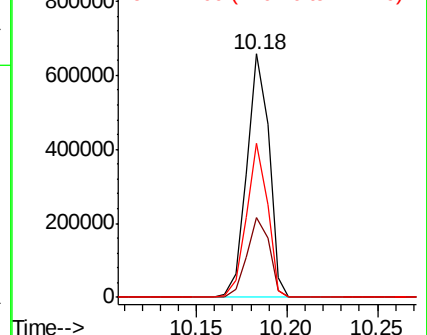


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 40.027 ng

RT: 10.21 min Scan# 1406

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

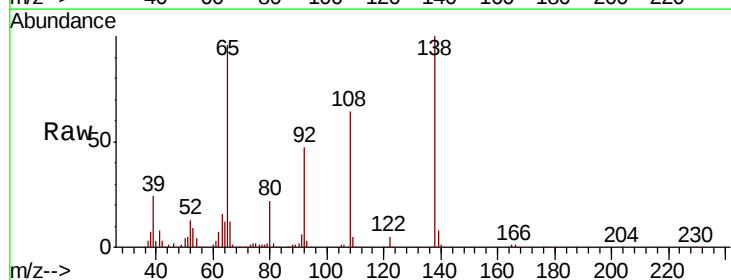
Tgt Ion:138 Resp: 357490

Ion Ratio Lower Upper

138 100

92 47.4 24.8 64.8

108 64.0 43.3 83.3

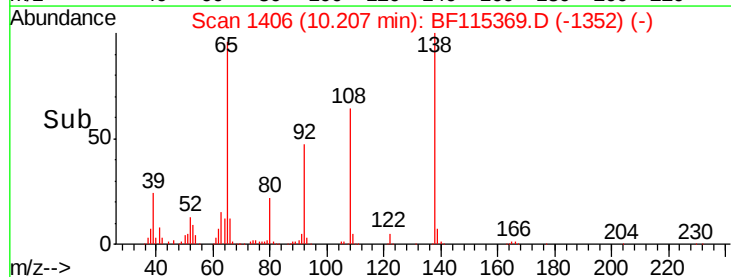
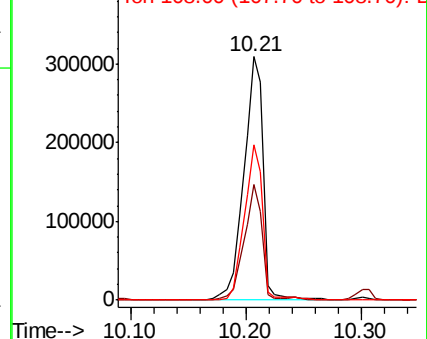


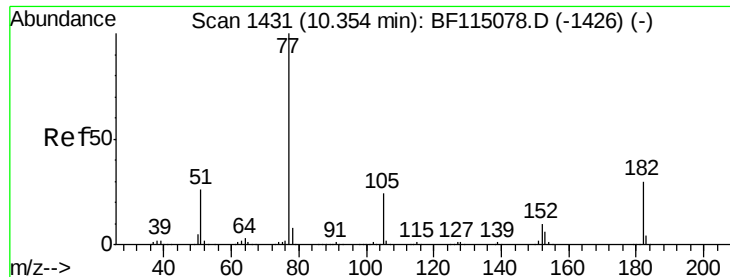
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

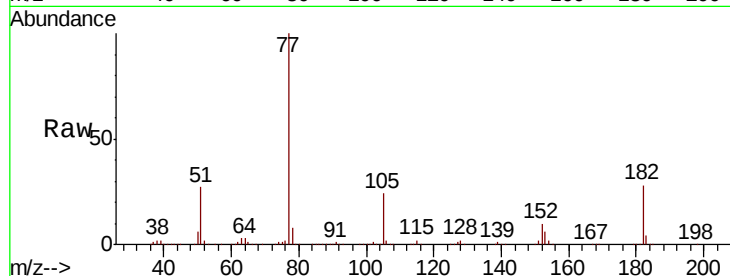




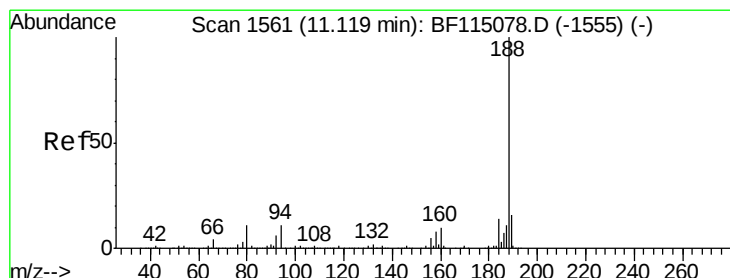
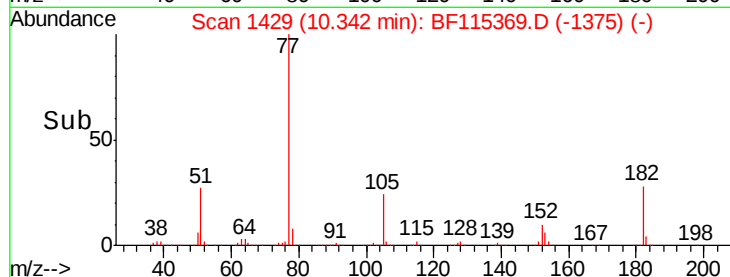
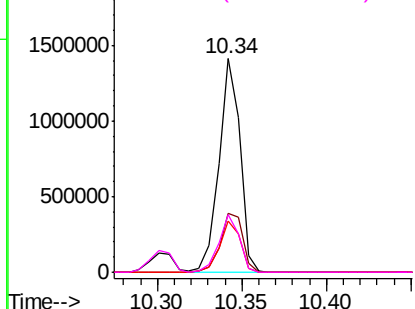
#63
Azobenzene
Concen: 41.437 ng
RT: 10.34 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion: 77 Resp: 1229373
Ion Ratio Lower Upper
77 100
182 27.6 10.1 50.1
105 23.9 4.5 44.5
51 26.9 6.4 46.4

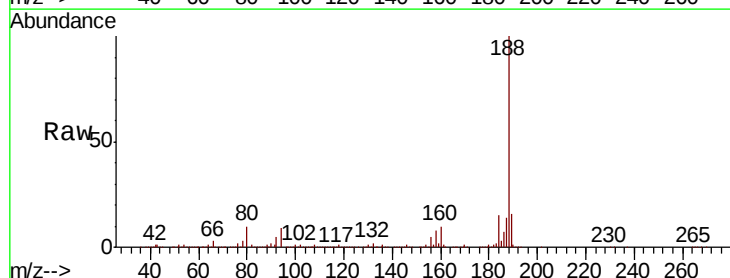


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

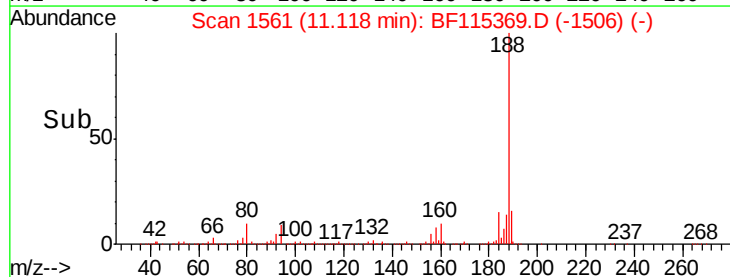
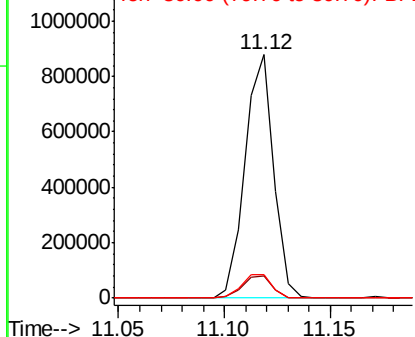


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion: 188 Resp: 824769
Ion Ratio Lower Upper
188 100
94 9.1 8.6 12.8
80 9.5 8.8 13.2



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

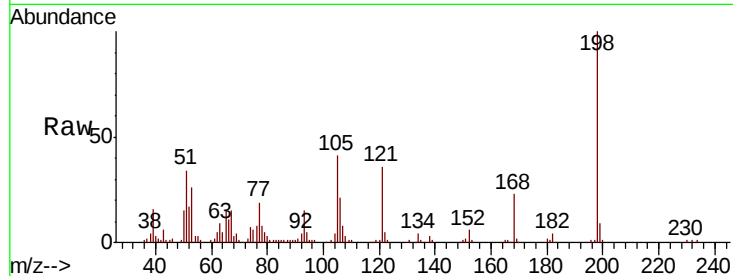




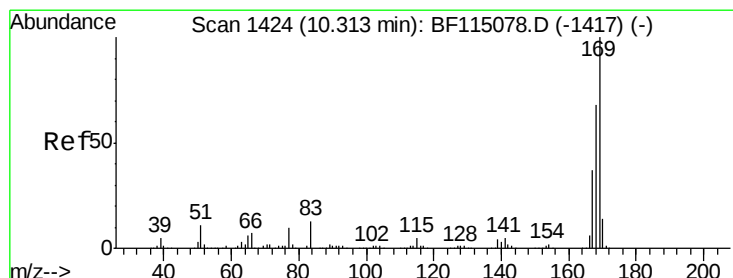
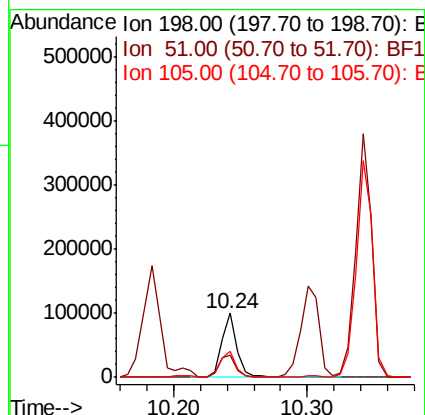
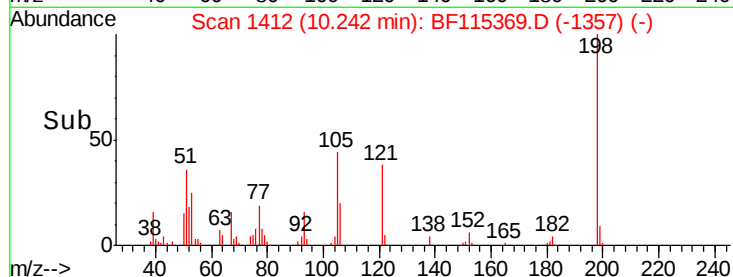
#65
 4,6-Dinitro-2-methylphenol
 Concen: 21.399 ng
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:198 Resp: 80456
 Ion Ratio Lower Upper
 198 100
 51 33.9 11.0 51.0
 105 40.7 17.3 57.3

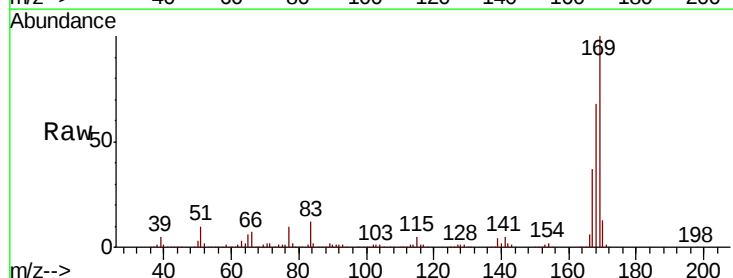


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

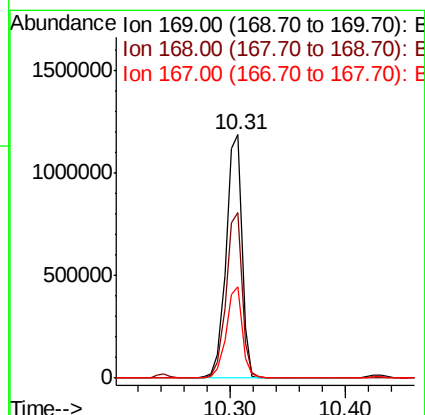
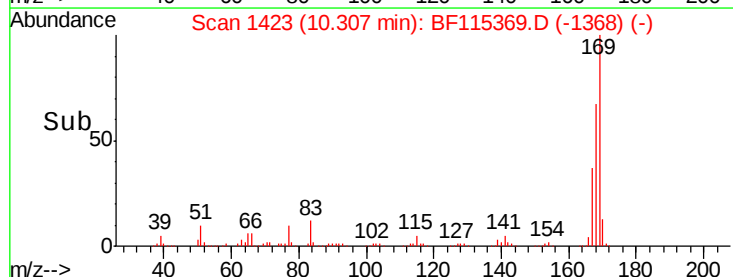


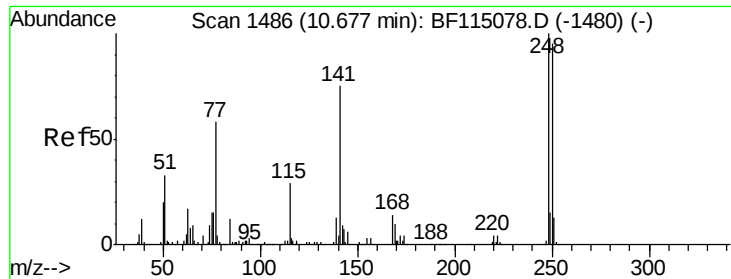
#66
 n-Nitrosodiphenylamine
 Concen: 44.266 ng
 RT: 10.31 min Scan# 1423
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:169 Resp: 1137432
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.2 81.4
 167 37.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

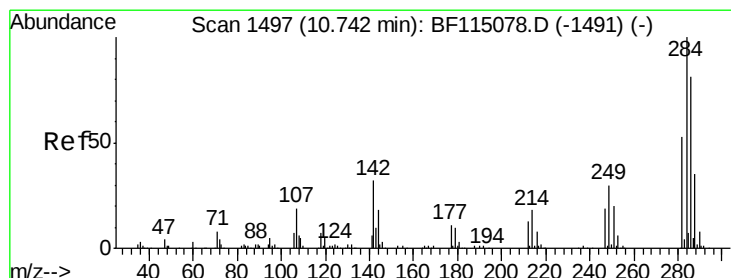
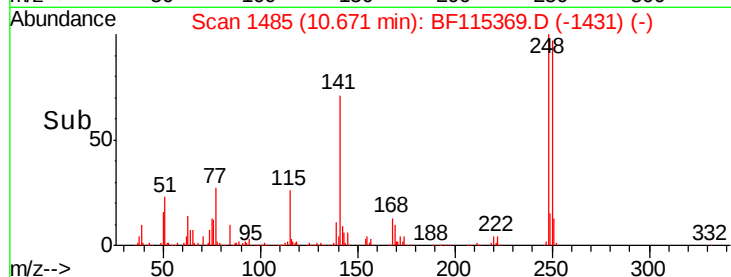
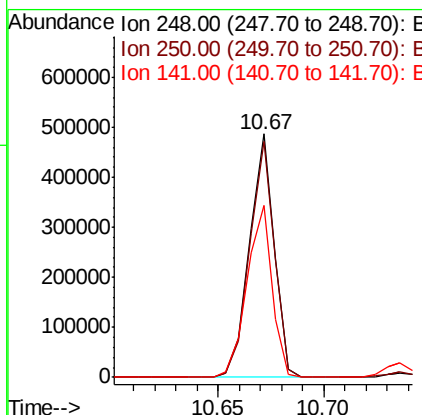
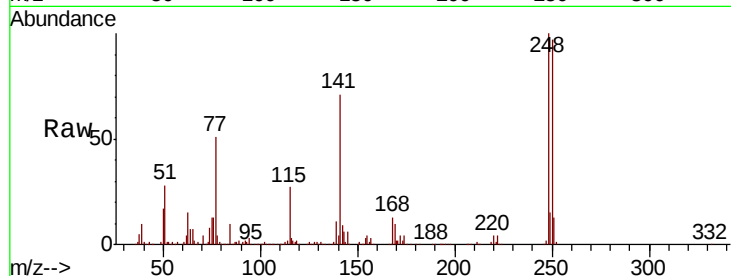




#67
4-Bromophenyl-phenylether
Concen: 44.406 ng
RT: 10.67 min Scan# 1485
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

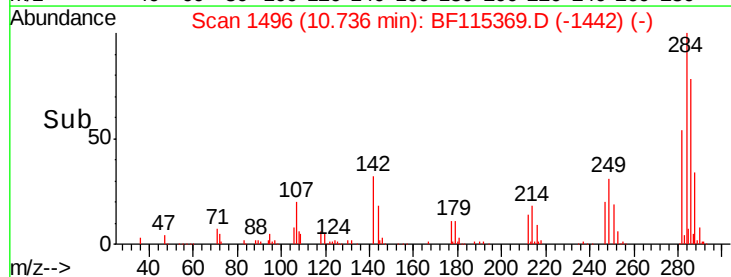
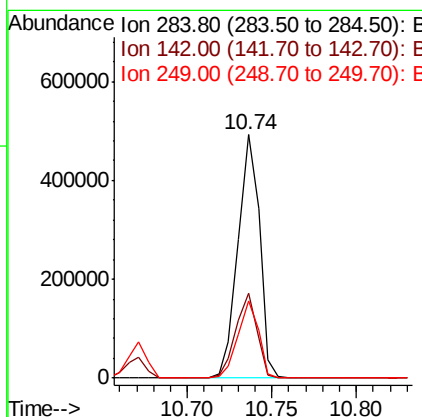
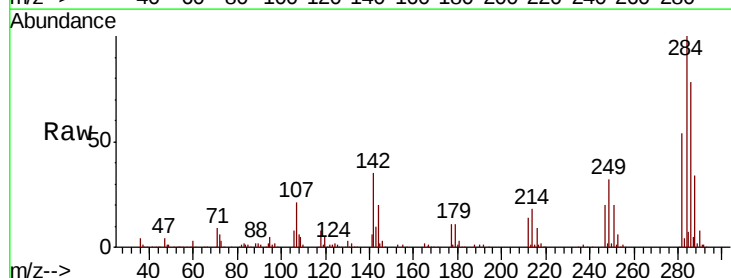
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion:248 Resp: 397082
Ion Ratio Lower Upper
248 100
250 97.1 76.2 114.2
141 70.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 45.203 ng
RT: 10.74 min Scan# 1496
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:284 Resp: 438751
Ion Ratio Lower Upper
284 100
142 34.9 25.8 38.8
249 31.9 24.2 36.4

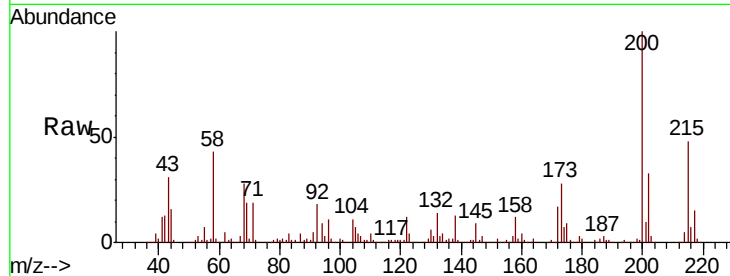




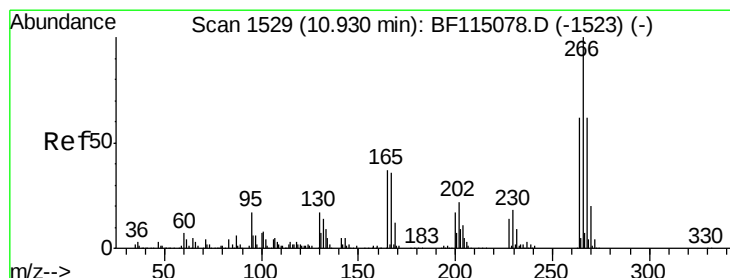
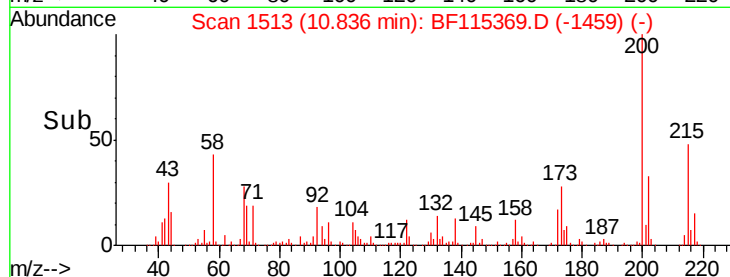
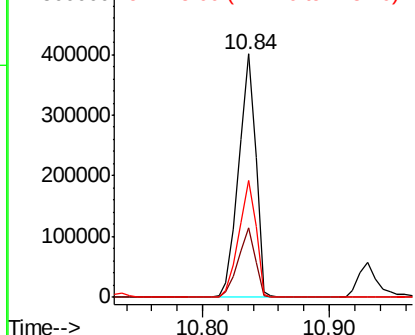
#69
 Atrazine
 Concen: 44.824 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:200 Resp: 370504
 Ion Ratio Lower Upper
 200 100
 173 28.4 7.4 47.4
 215 47.8 27.8 67.8

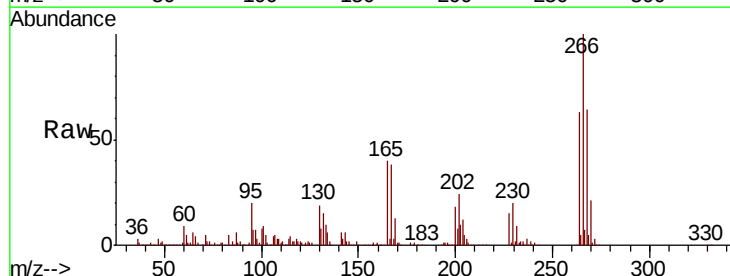


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

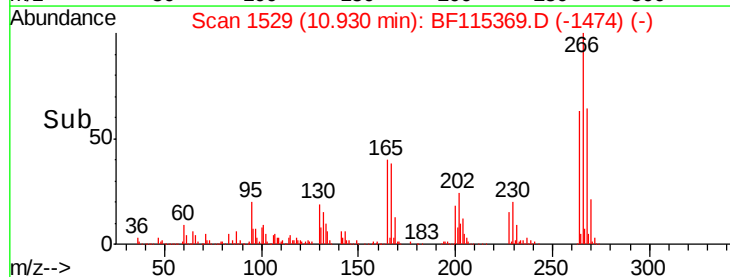
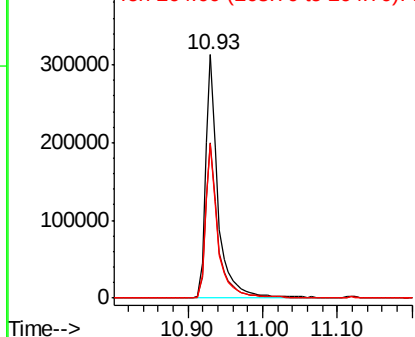


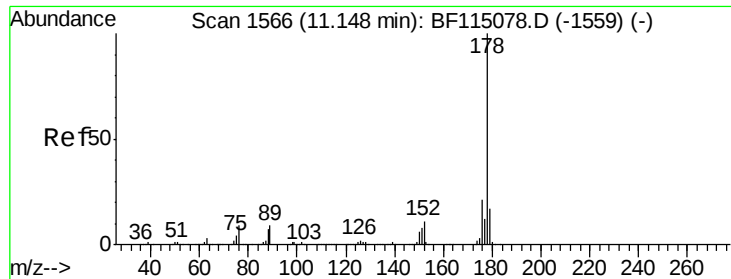
#70
 Pentachlorophenol
 Concen: 59.103 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:266 Resp: 365468
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.5 74.3
 264 63.3 49.3 73.9



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

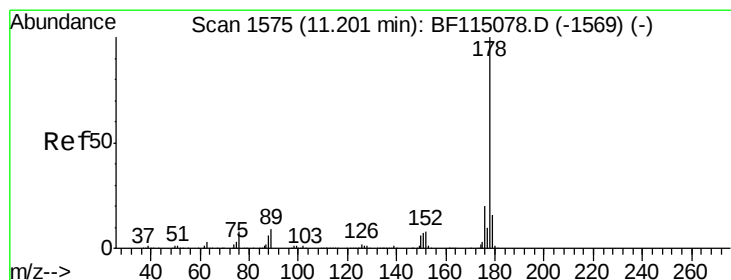
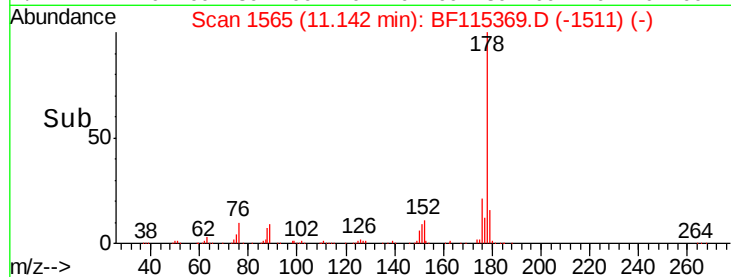
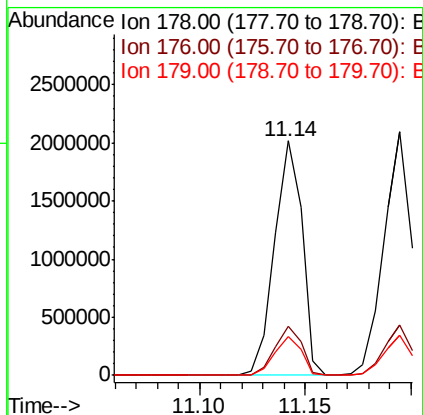
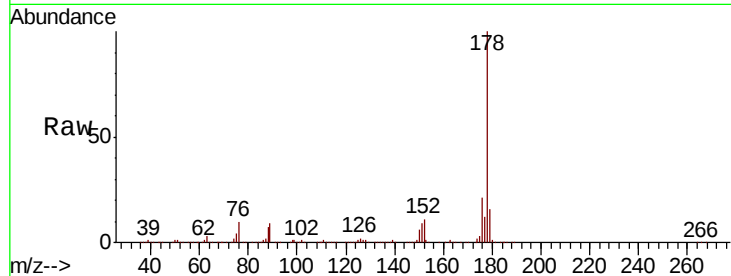




#71
Phenanthrene
Concen: 41.444 ng
RT: 11.14 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

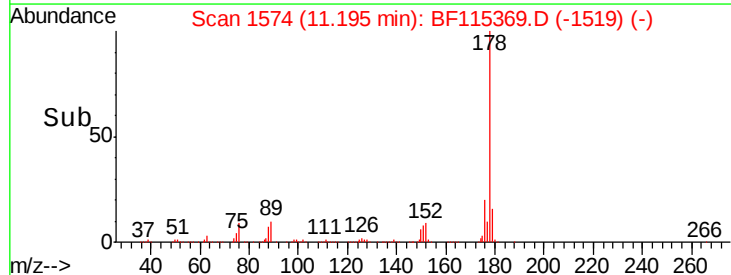
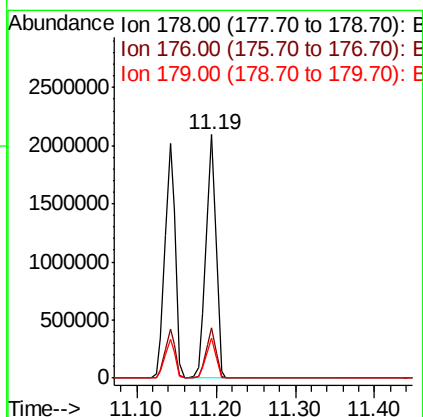
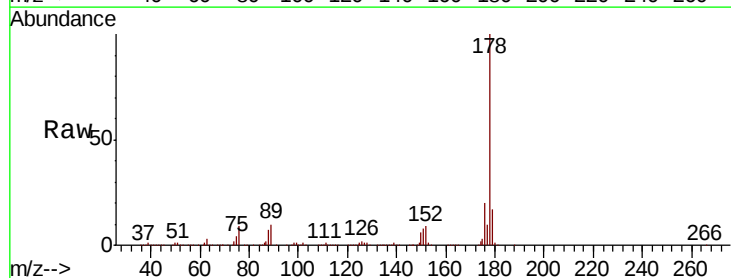
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion:178 Resp: 1840396
Ion Ratio Lower Upper
178 100
176 21.1 16.9 25.3
179 16.4 13.2 19.8



#72
Anthracene
Concen: 42.351 ng
RT: 11.19 min Scan# 1574
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:178 Resp: 1898408
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.6 12.9 19.3

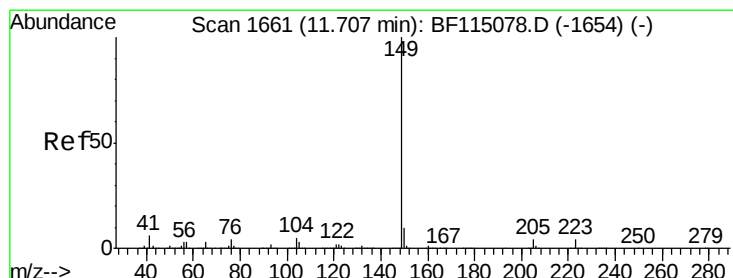
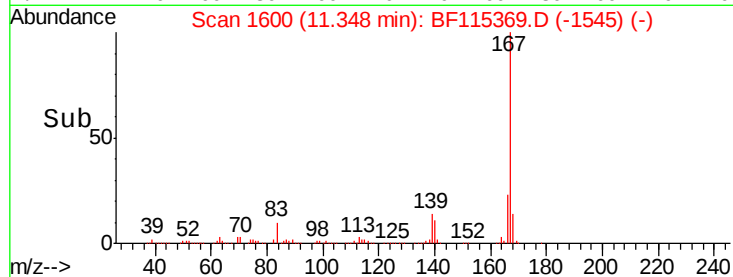
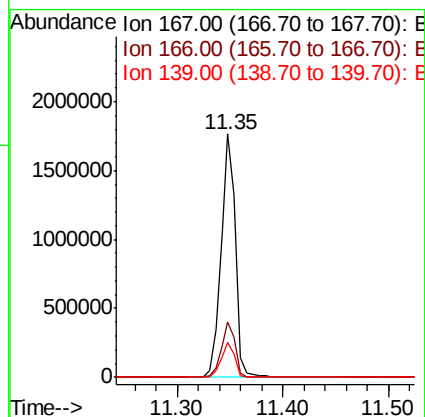
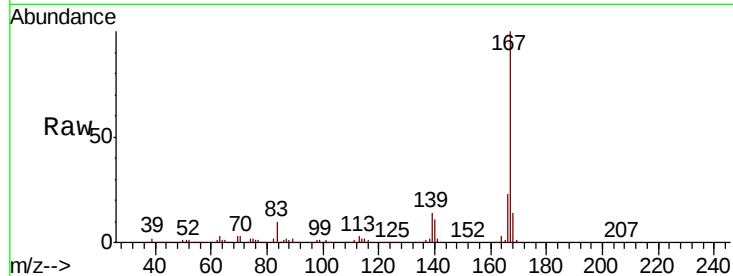




#73
 Carbazole
 Concen: 42.442 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

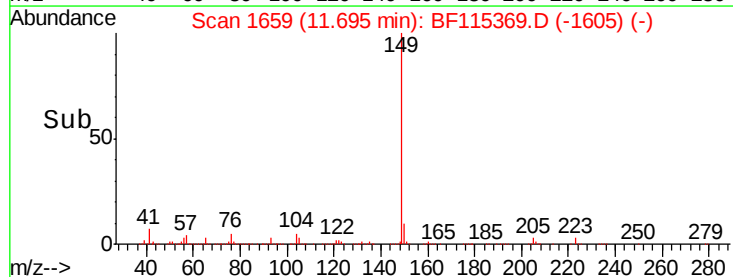
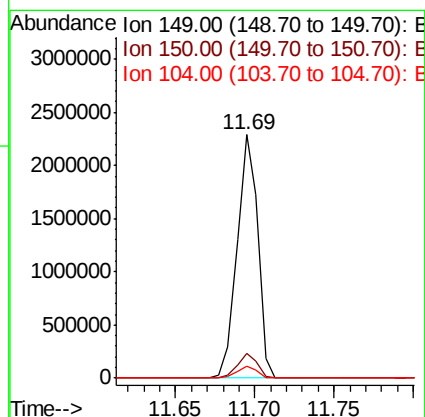
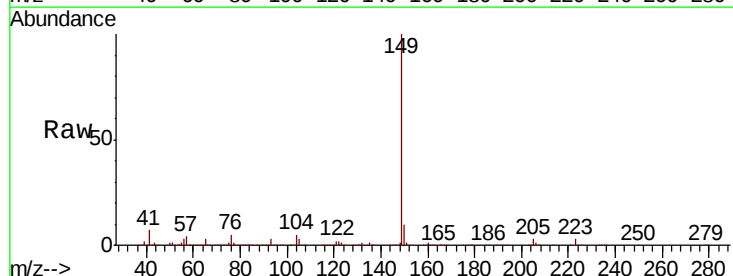
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

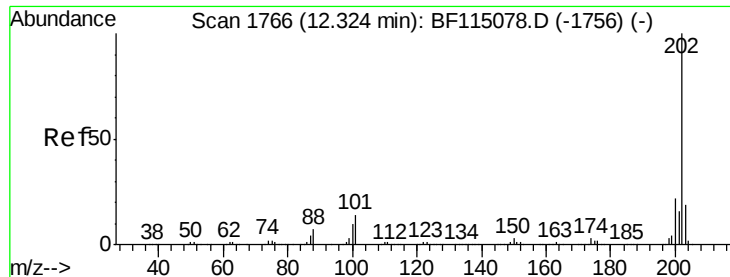
Tgt Ion:167 Resp: 1698850
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.625 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:149 Resp: 2064082
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.9 3.7 5.5

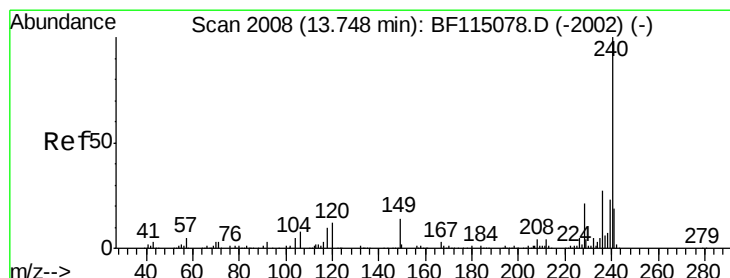
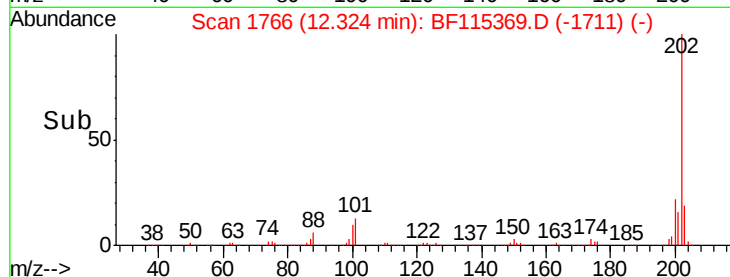
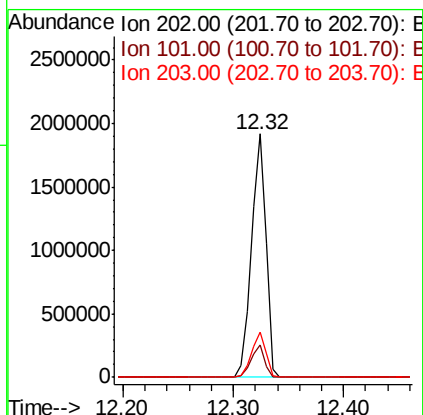
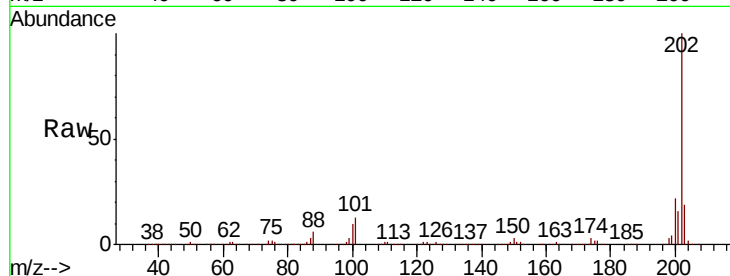




#75
 Fluoranthene
 Concen: 40.050 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

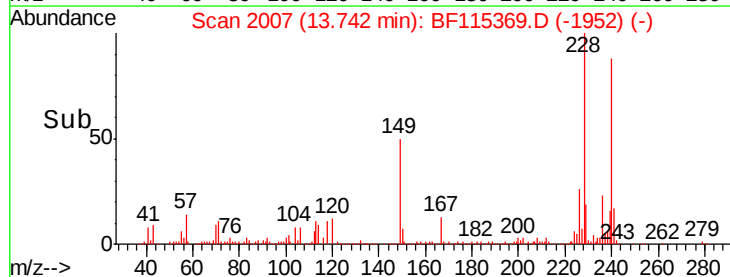
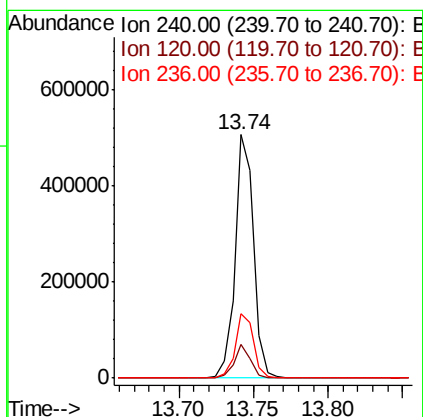
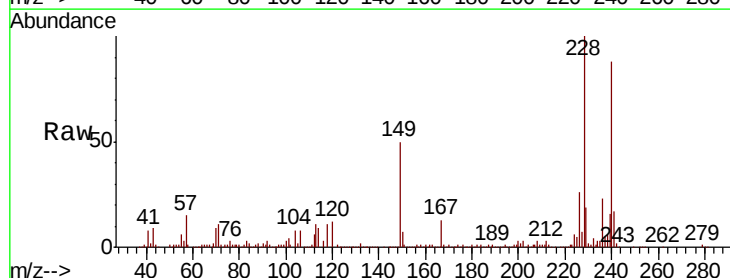
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

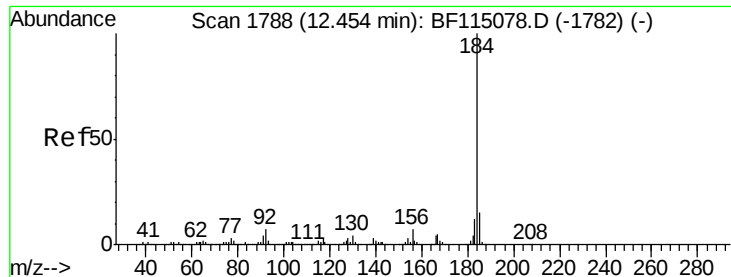
Tgt Ion: 202 Resp: 1774494
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 34.0
 203 18.7 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion: 240 Resp: 439185
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.4 14.2
 236 26.4 21.7 32.5





#77

Benzidine

Concen: 15.942 ng

RT: 12.45 min Scan# 1787

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

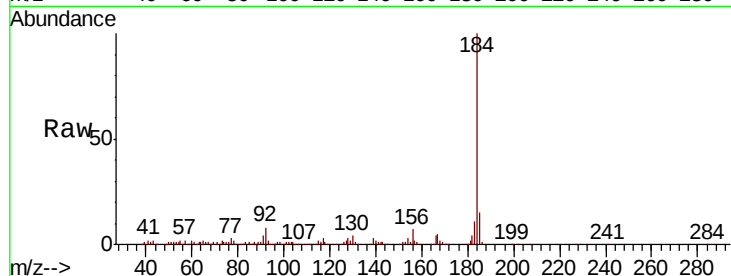
Tgt Ion:184 Resp: 310892

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

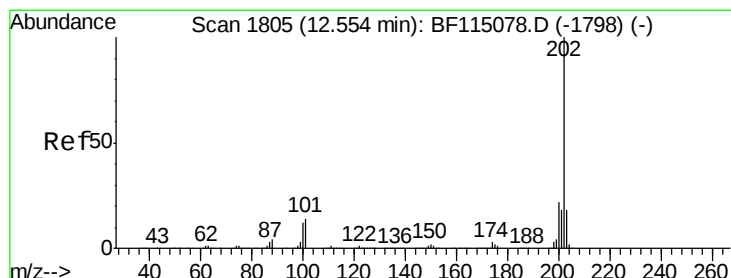
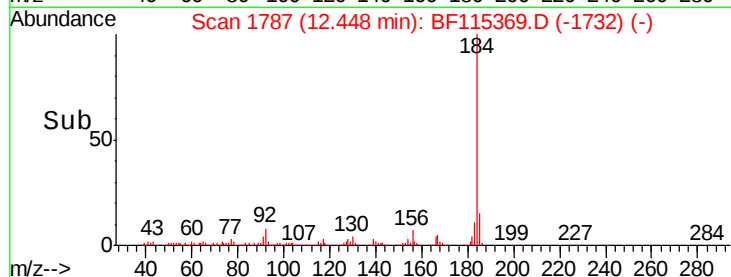
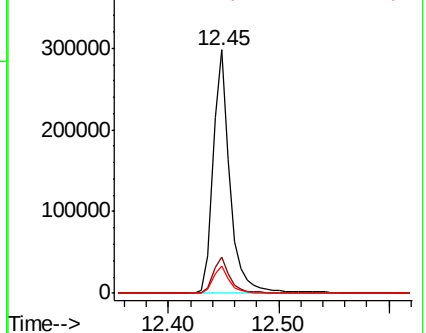
183 11.4 9.6 14.4



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: 52.850 ng

RT: 12.55 min Scan# 1804

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

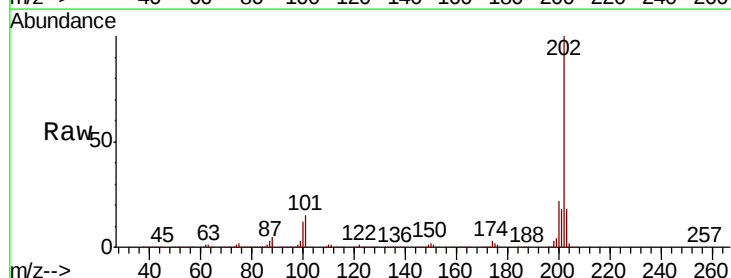
Tgt Ion:202 Resp: 1783771

Ion Ratio Lower Upper

202 100

200 22.4 17.9 26.9

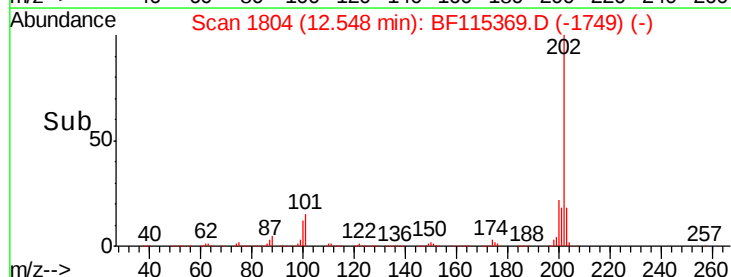
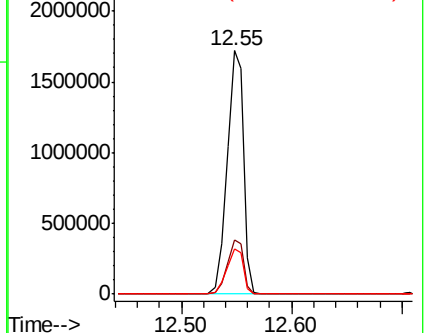
203 18.4 14.6 21.8

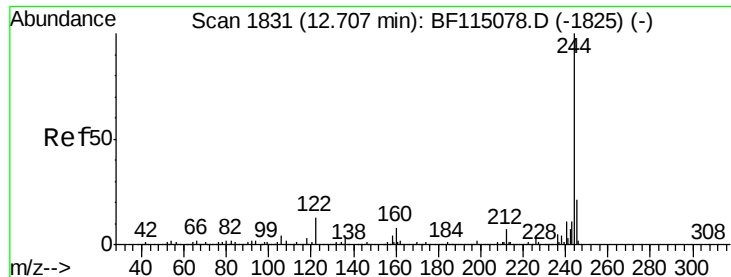


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

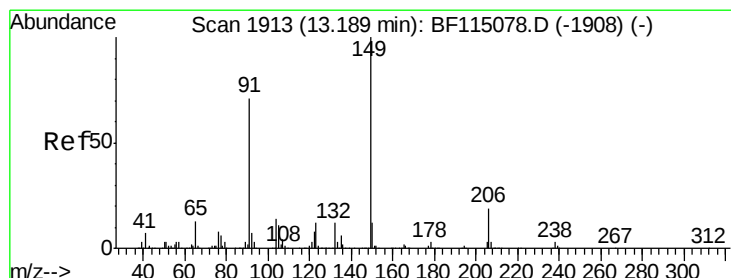
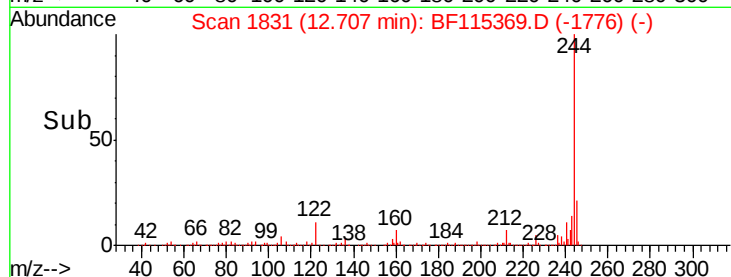
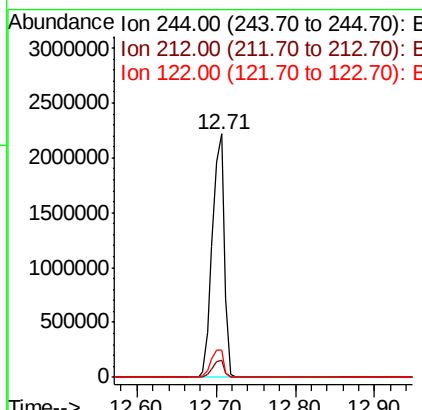
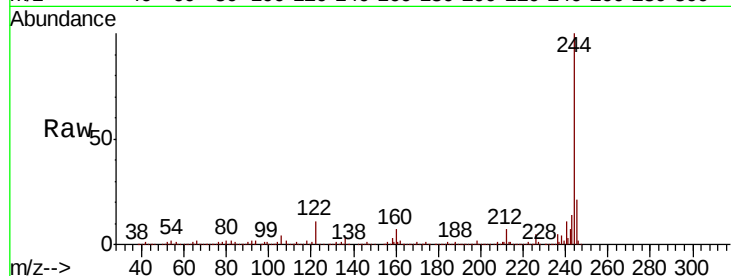




#79
 Terphenyl-d14
 Concen: 113.270 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

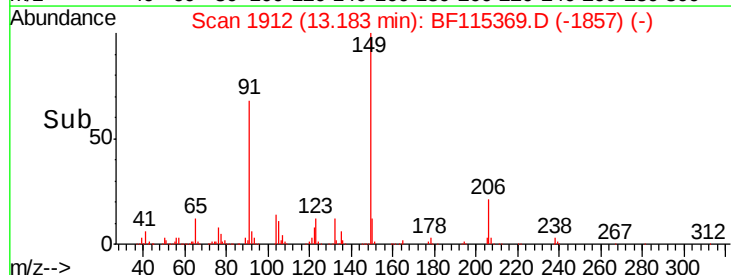
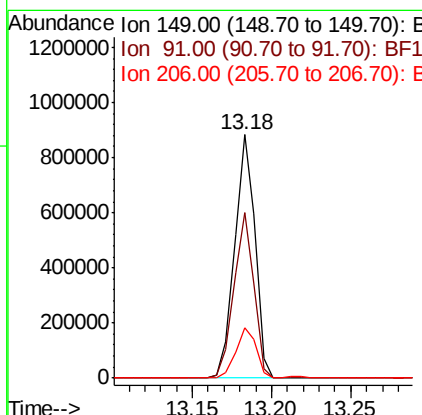
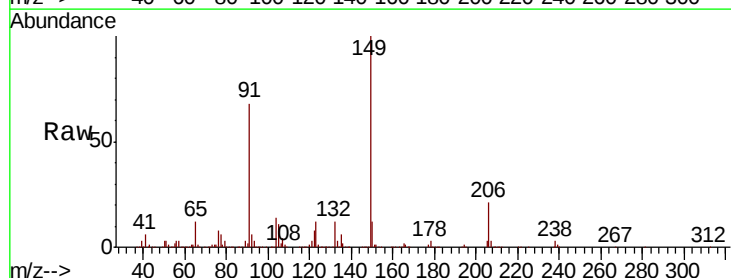
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MSD

Tgt Ion:244 Resp: 2339746
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.4 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 52.715 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. 0.02 min
 Lab File: BF115369.D
 Acq: 2 Jul 2019 19:35

Tgt Ion:149 Resp: 785191
 Ion Ratio Lower Upper
 149 100
 91 67.8 56.5 84.7
 206 20.5 15.3 22.9





#81

Benzo(a)anthracene

Concen: 44.784 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.03 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

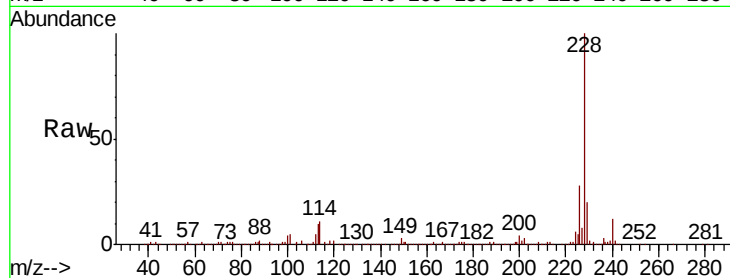
Tgt Ion:228 Resp: 1411265

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

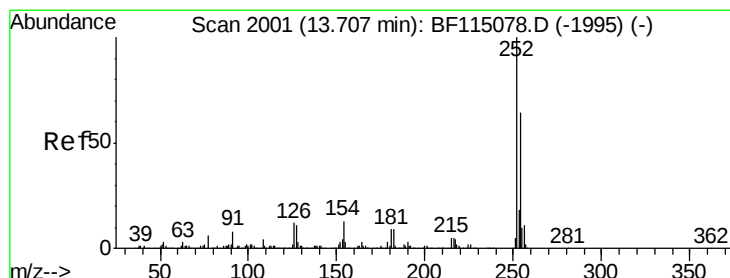
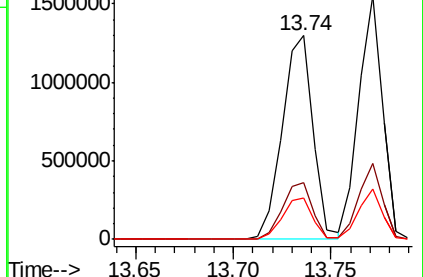
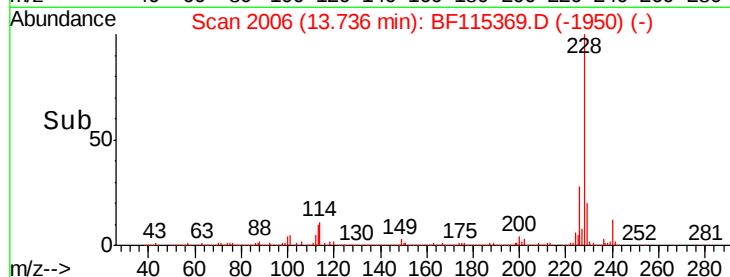
229 20.2 16.6 24.8



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: 18.020 ng

RT: 13.70 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

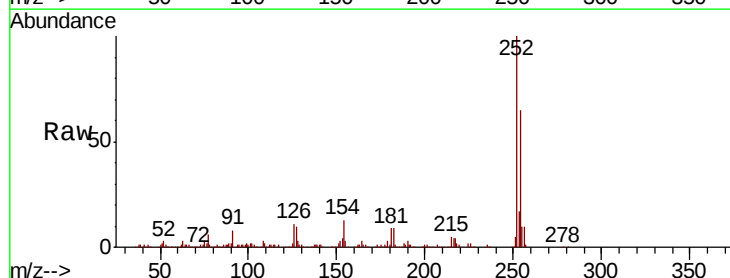
Tgt Ion:252 Resp: 205060

Ion Ratio Lower Upper

252 100

254 65.2 51.1 76.7

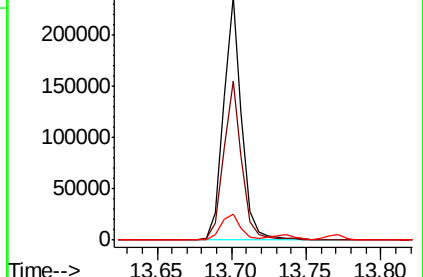
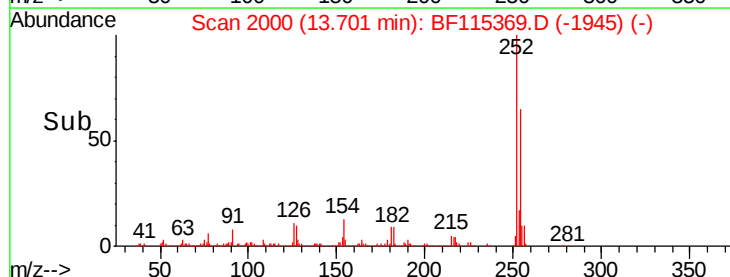
126 10.7 9.4 14.0



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: 45.971 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.03 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

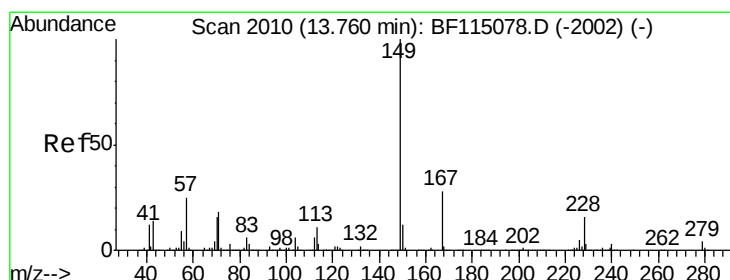
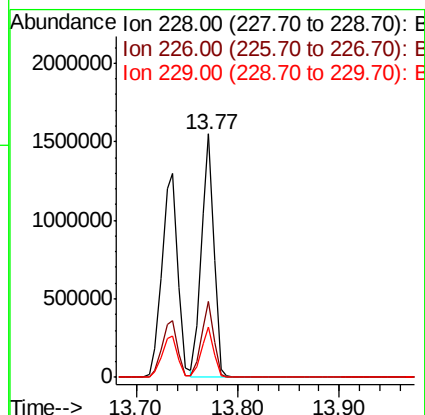
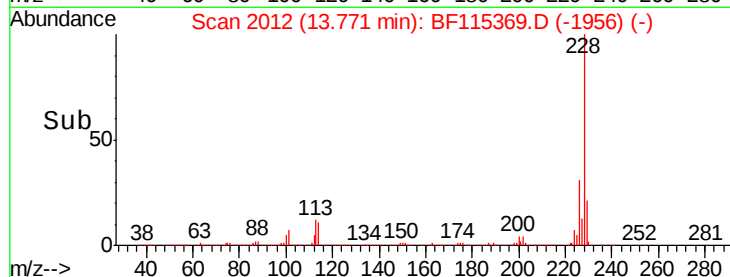
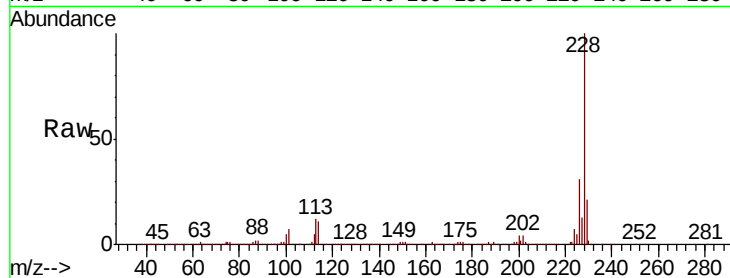
Tgt Ion:228 Resp: 1327017

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

229 20.7 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.246 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

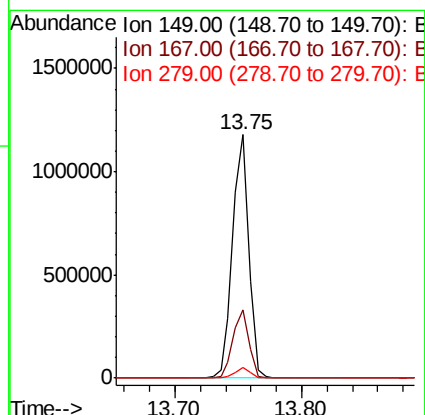
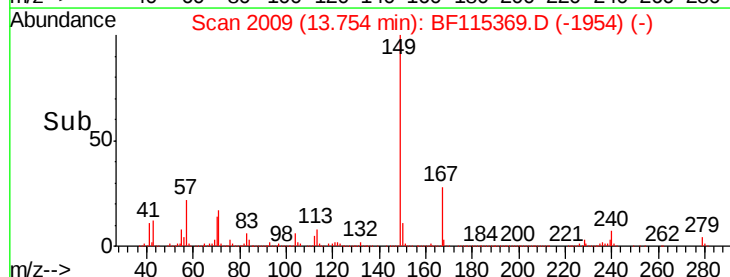
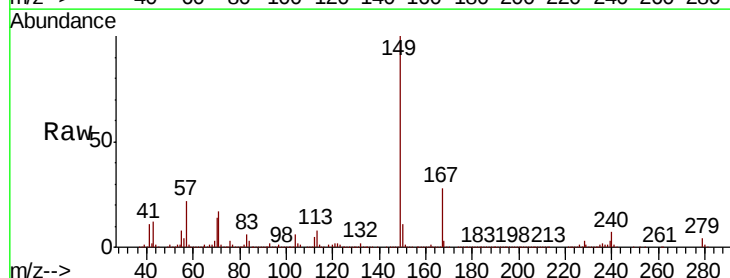
Tgt Ion:149 Resp: 1039209

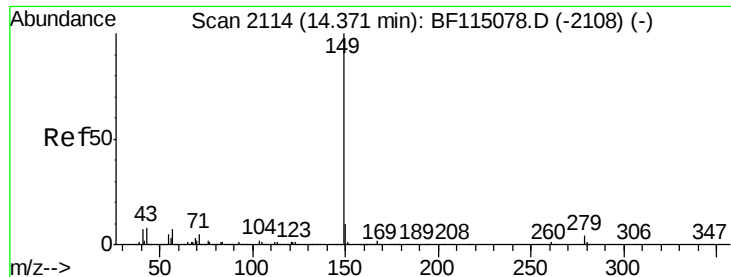
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 4.4 2.9 4.3#

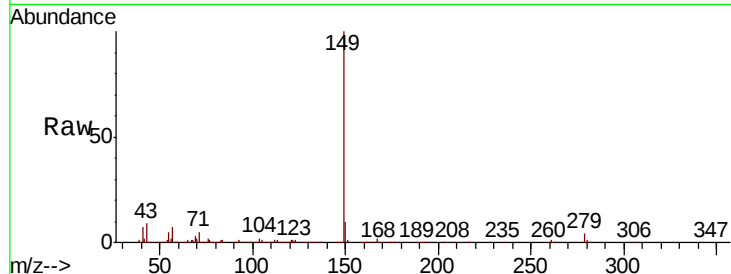




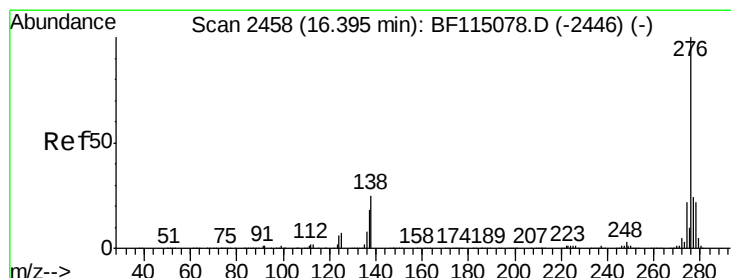
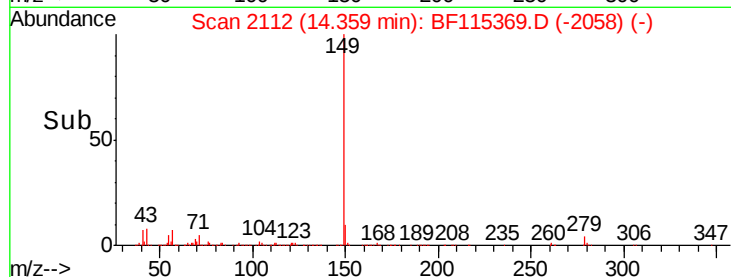
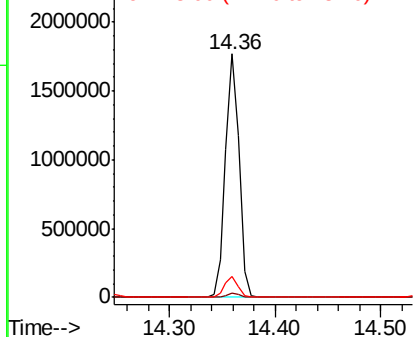
#85
Di-n-octyl phthalate
Concen: 49.011 ng
RT: 14.36 min Scan# 2112
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Tgt Ion:149 Resp: 1607174
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.4 7.0 10.6

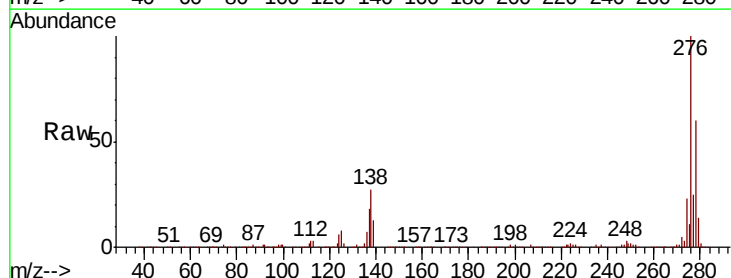


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

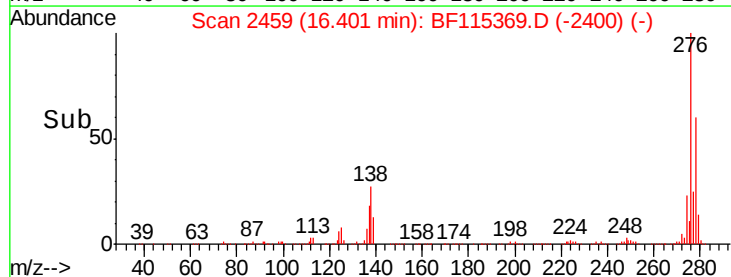
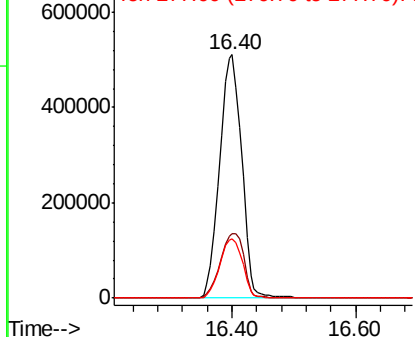


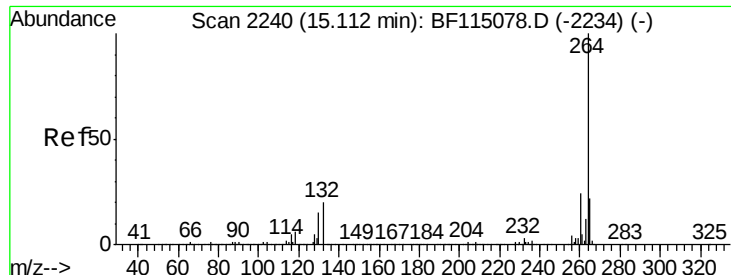
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.285 ng
RT: 16.40 min Scan# 2459
Delta R.T. 0.05 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:276 Resp: 1273580
Ion Ratio Lower Upper
276 100
138 28.3 23.2 34.8
277 25.2 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

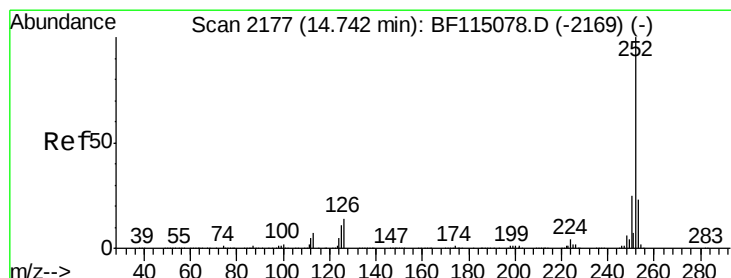
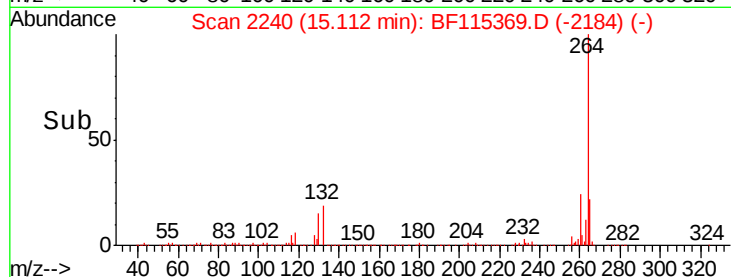
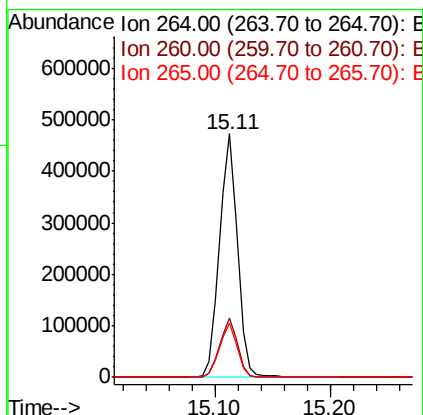
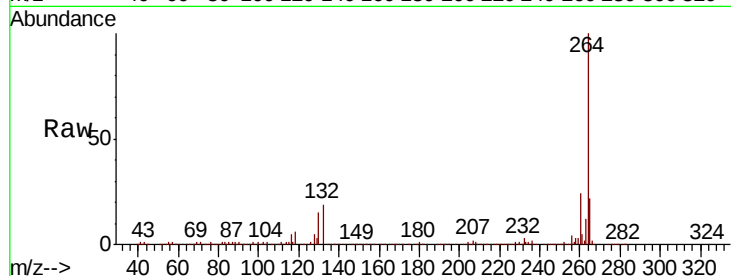




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2240
Delta R.T. 0.03 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

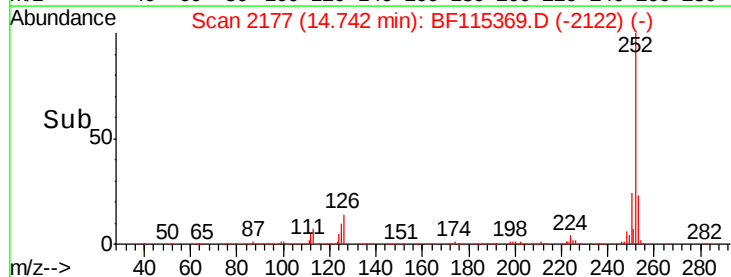
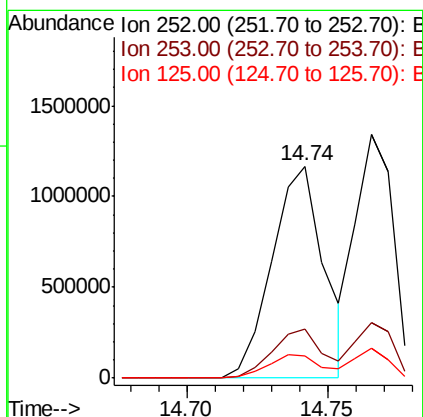
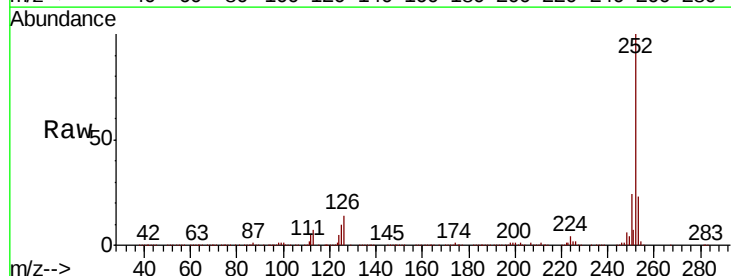
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

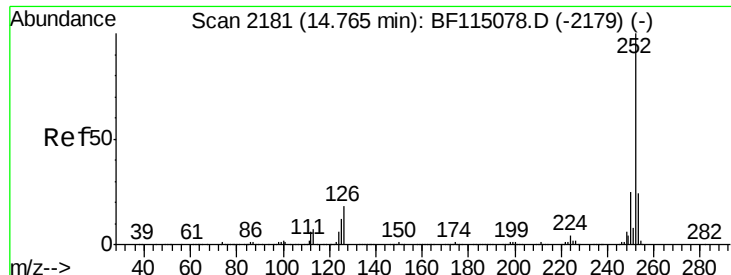
Tgt Ion: 264 Resp: 513552
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.2 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 46.434 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion: 252 Resp: 1487934
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 10.4 8.7 13.1

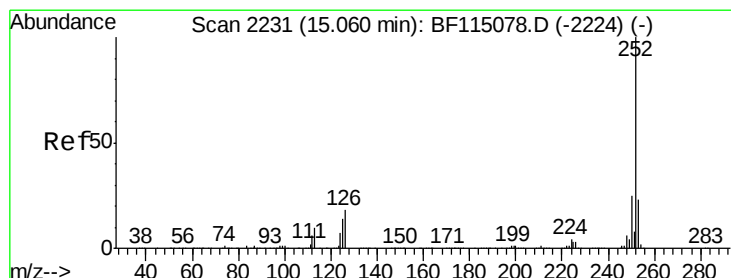
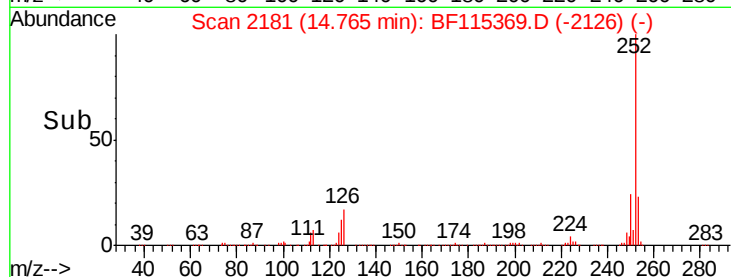
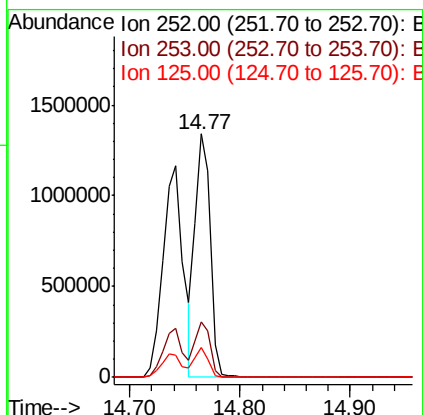
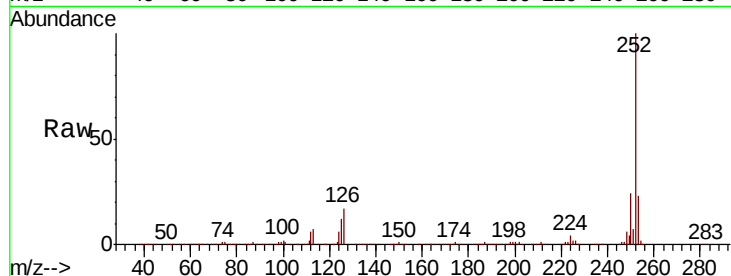




#89
Benzo(k)fluoranthene
Concen: 43.853 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

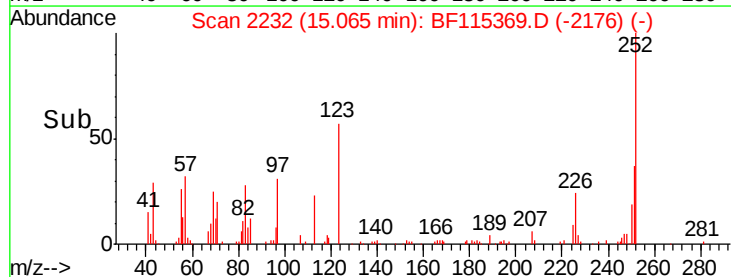
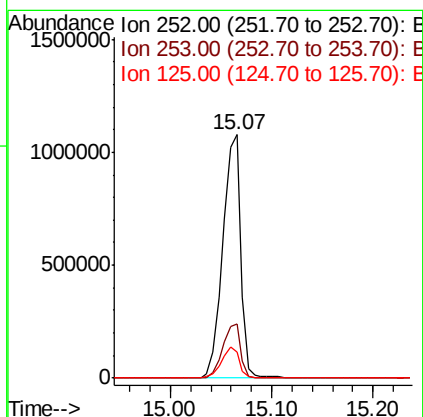
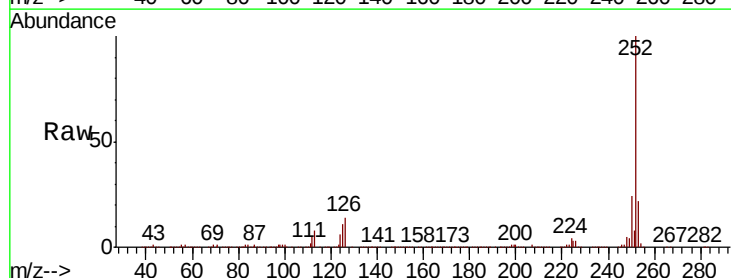
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

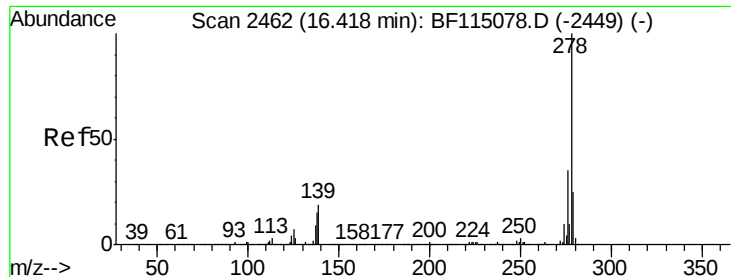
Tgt Ion:252 Resp: 1260202
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 12.0 10.2 15.2



#90
Benzo(a)pyrene
Concen: 45.921 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.03 min
Lab File: BF115369.D
Acq: 2 Jul 2019 19:35

Tgt Ion:252 Resp: 1326278
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 10.9 10.9 16.3#





#91

Dibenzo(a,h)anthracene

Concen: 39.453 ng

RT: 16.41 min Scan# 2461

Delta R.T. 0.04 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MSD

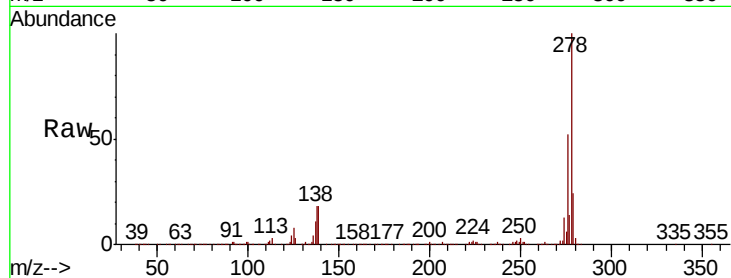
Tgt Ion:278 Resp: 1063775

Ion Ratio Lower Upper

278 100

139 18.4 15.4 23.2

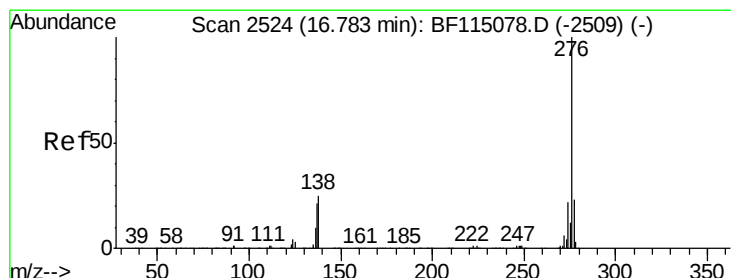
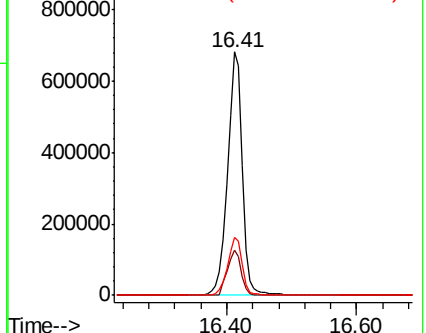
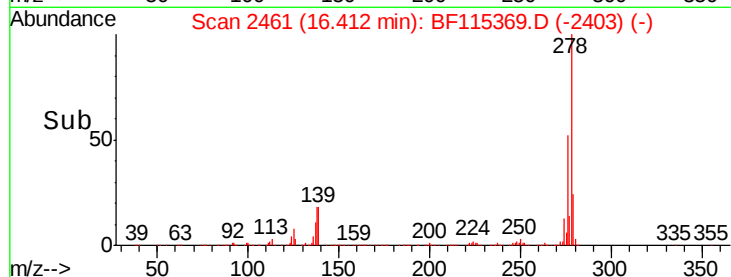
279 24.0 19.9 29.9



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: 36.306 ng

RT: 16.78 min Scan# 2523

Delta R.T. 0.04 min

Lab File: BF115369.D

Acq: 2 Jul 2019 19:35

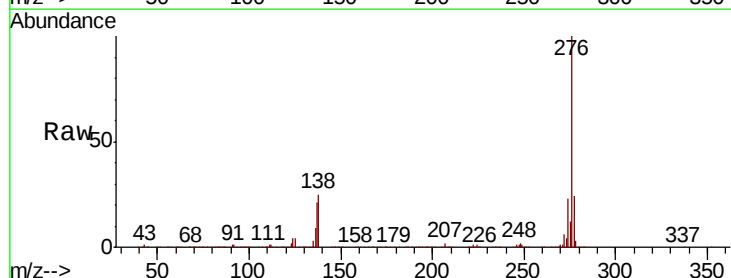
Tgt Ion:276 Resp: 990778

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 25.3 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

