

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115368.D
 Acq On : 2 Jul 2019 19:08
 Operator : HP/JU
 Sample : K3158-10MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Quant Time: Jul 03 05:54:07 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	238944	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	917825	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	445575	20.00	ng	0.02
64) Phenanthrene-d10	11.12	188	839891	20.00	ng	0.02
76) Chrysene-d12	13.74	240	449200	20.00	ng	0.02
87) Perylene-d12	15.11	264	533404	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1437024	92.81	ng	0.04
7) Phenol-d6	6.26	99	1685520	89.69	ng	0.02
23) Nitrobenzene-d5	7.17	82	1264558	84.75	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	577159	122.83	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2363169	90.09	ng	0.01
79) Terphenyl-d14	12.71	244	2234400	105.76	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	216030	29.562	ng	# 84
3) Pyridine	3.01	79	498227	24.190	ng	97
4) n-Nitrosodimethylamine	2.94	42	245397	30.392	ng	96
6) Aniline	6.27	93	162318	6.284	ng	# 1
8) 2-Chlorophenol	6.40	128	625007	35.897	ng	99
9) Benzaldehyde	6.15	77	316748	25.833	ng	98
10) Phenol	6.27	94	622425	28.273	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	588333	36.255	ng	98
12) 1,3-Dichlorobenzene	6.55	146	704030	36.435	ng	100
13) 1,4-Dichlorobenzene	6.62	146	717371	37.023	ng	99
14) 1,2-Dichlorobenzene	6.78	146	656159	36.567	ng	98
15) Benzyl Alcohol	6.76	79	430594	31.465	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	802798	34.109	ng	84
17) 2-Methylphenol	6.88	107	566807	39.440	ng	96
18) Hexachloroethane	7.12	117	252873	36.199	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	416754	34.637	ng	99
20) 3+4-Methylphenols	7.03	107	627030	37.786	ng	# 78
22) Acetophenone	7.02	105	899394	42.804	ng	# 92
24) Nitrobenzene	7.19	77	660196	40.164	ng	99
25) Isophorone	7.44	82	1177246	38.516	ng	99
26) 2-Nitrophenol	7.51	139	362744	44.687	ng	97
27) 2,4-Dimethylphenol	7.56	122	587897	44.234	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	759233	39.301	ng	99
29) 2,4-Dichlorophenol	7.75	162	568580	41.454	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	622517	41.089	ng	99
31) Naphthalene	7.91	128	1874836	41.613	ng	99
32) Benzoic acid	7.68	122	194814	20.535	ng	97
33) 4-Chloroaniline	7.97	127	60822	2.954	ng	98
34) Hexachlorobutadiene	8.04	225	342720	41.280	ng	99
35) Caprolactam	8.34	113	98140	21.282	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	564072	40.609	ng	99
37) 2-Methylnaphthalene	8.61	142	1263959	41.608	ng	97
38) 1-Methylnaphthalene	8.70	142	1196470	41.240	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	558325	44.343	ng	100

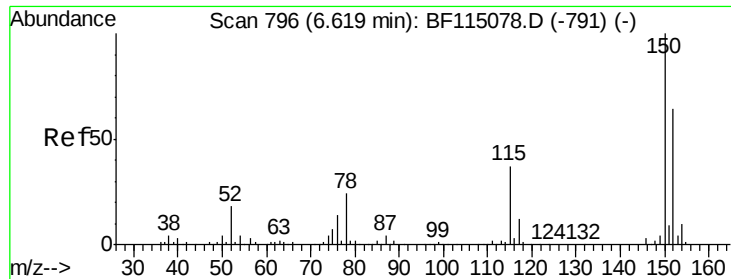
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
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 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	467931	62.674	ng	98
43) 2,4,6-Trichlorophenol	8.89	196	397202	40.861	ng	98
44) 2,4,5-Trichlorophenol	8.93	196	454683	45.420	ng	96
46) 1,1'-Biphenyl	9.07	154	1467753	41.169	ng	98
47) 2-Chloronaphthalene	9.09	162	1185804	41.004	ng	98
48) 2-Nitroaniline	9.19	65	348839	41.375	ng	88
49) Acenaphthylene	9.50	152	1855257	41.175	ng	99
50) Dimethylphthalate	9.38	163	1412920	43.101	ng	100
51) 2,6-Dinitrotoluene	9.43	165	330951	43.728	ng	100
52) Acenaphthene	9.68	154	1065824	37.802	ng	99
53) 3-Nitroaniline	9.59	138	108798	11.780	ng	95
54) 2,4-Dinitrophenol	9.70	184	114175	33.970	ng	93
55) Dibenzofuran	9.85	168	1583381	39.128	ng	99
56) 4-Nitrophenol	9.77	139	478962	64.686	ng	98
57) 2,4-Dinitrotoluene	9.84	165	423788	43.366	ng	94
58) Fluorene	10.19	166	1124092	41.159	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	358977	42.765	ng	97
60) Diethylphthalate	10.08	149	1327549	40.287	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	551812	42.759	ng	96
62) 4-Nitroaniline	10.21	138	343381	37.061	ng	97
63) Azobenzene	10.34	77	1205486	39.166	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	111113	27.254	ng	92
66) n-Nitrosodiphenylamine	10.31	169	1113685	42.561	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	392659	43.120	ng	95
68) Hexachlorobenzene	10.74	284	422856	42.781	ng	97
69) Atrazine	10.84	200	365916	43.472	ng	99
70) Pentachlorophenol	10.93	266	402902	63.984	ng	98
71) Phenanthrene	11.14	178	1805046	39.916	ng	100
72) Anthracene	11.20	178	1856321	40.667	ng	99
73) Carbazole	11.35	167	1663315	40.806	ng	100
74) Di-n-butylphthalate	11.70	149	2005602	42.580	ng	99
75) Fluoranthene	12.32	202	1725958	38.254	ng	98
77) Benzidine	12.45	184	247952	12.431	ng	99
78) Pyrene	12.55	202	1707307	49.457	ng	99
80) Butylbenzylphthalate	13.18	149	760385	49.912	ng	95
81) Benzo(a)anthracene	13.74	228	1372946	42.596	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	168833	14.505	ng	99
83) Chrysene	13.77	228	1309427	44.350	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	997668	49.978	ng	99
85) Di-n-octyl phthalate	14.36	149	1538114	45.859	ng	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	1297546	37.140	ng	99
88) Benzo(b)fluoranthene	14.74	252	1453669	43.676	ng	100
89) Benzo(k)fluoranthene	14.77	252	1264591	42.368	ng	98
90) Benzo(a)pyrene	15.06	252	1333819	44.463	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	1076879	38.453	ng	97
92) Benzo(g,h,i)perylene	16.78	276	1012685	35.728	ng	98

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

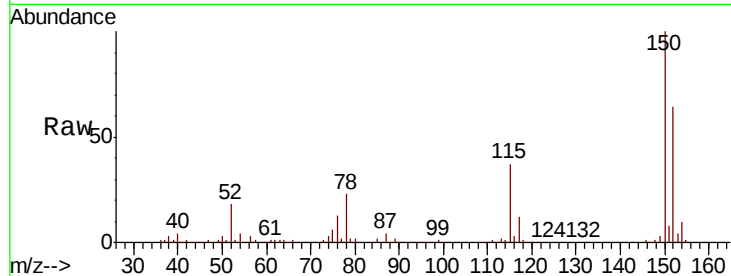


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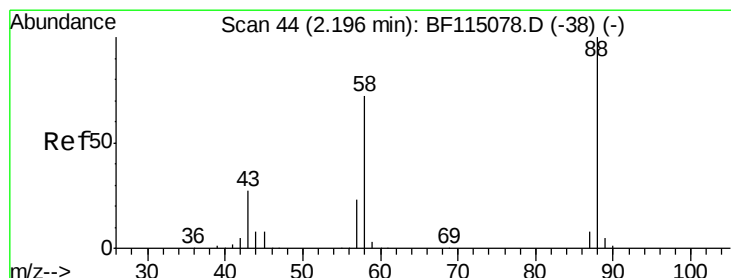
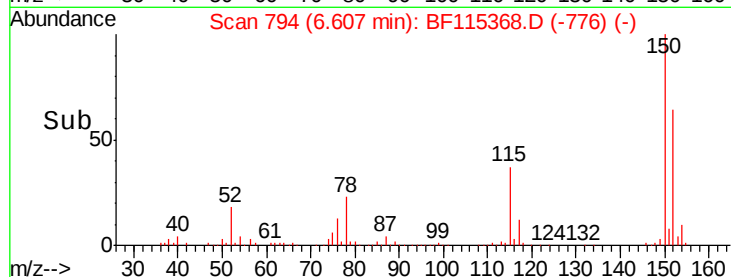
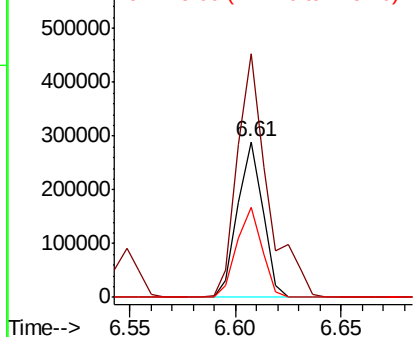
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion: 152 Resp: 238944
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 58.2 46.1 69.1



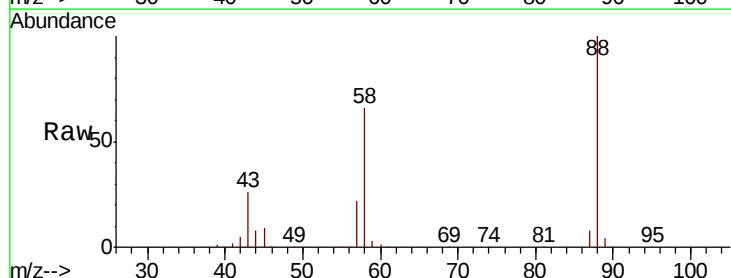
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



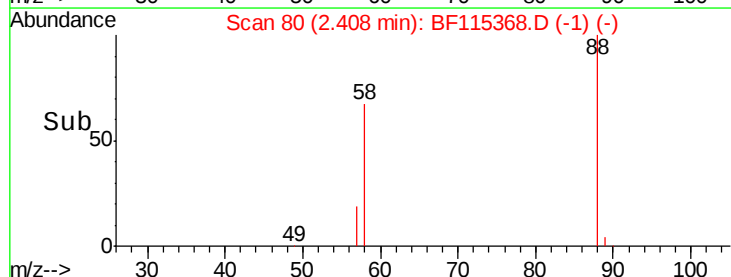
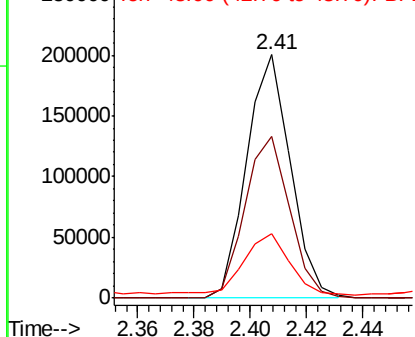
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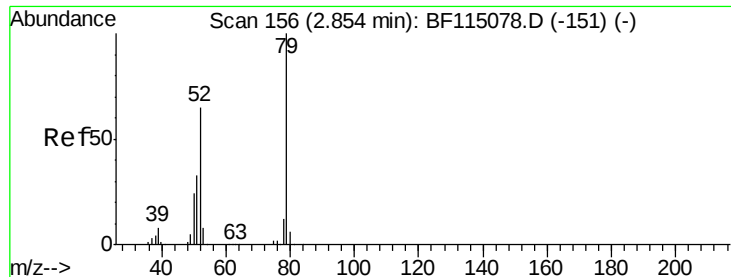
1,4-Dioxane
Concen: 29.562 ng
RT: 2.41 min Scan# 80
Delta R.T. 0.25 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion: 88 Resp: 216030
Ion Ratio Lower Upper
88 100
58 68.2 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

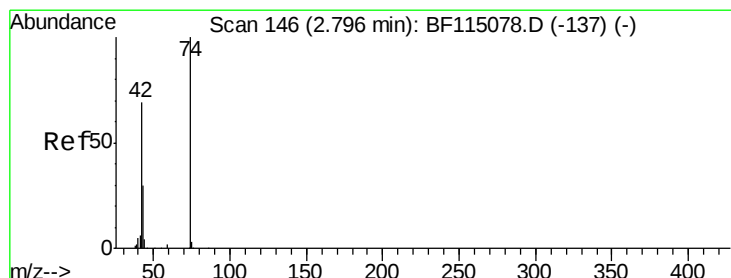
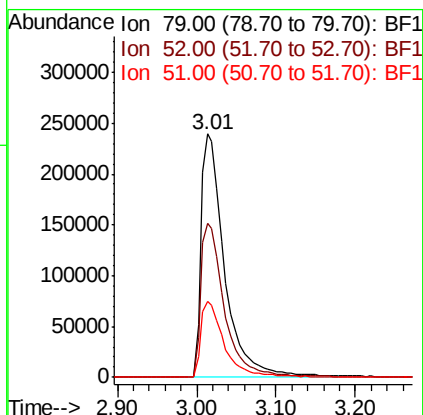
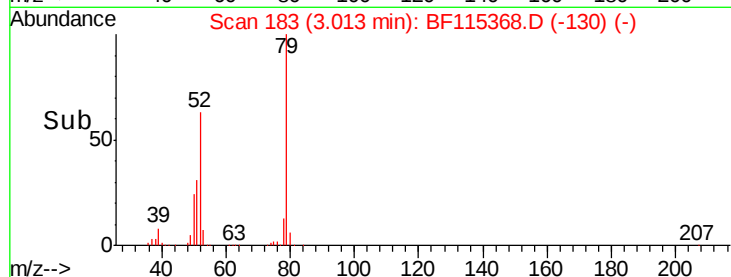
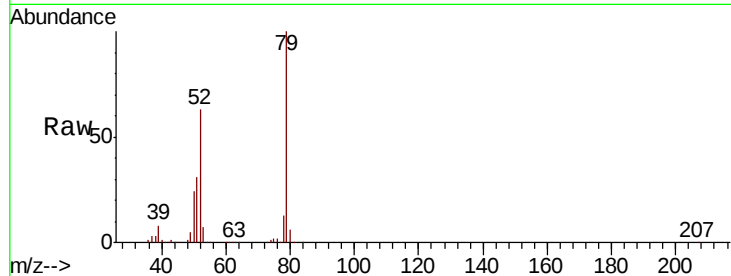




#3
 Pyridine
 Concen: 24.190 ng
 RT: 3.01 min Scan# 183
 Delta R.T. 0.21 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

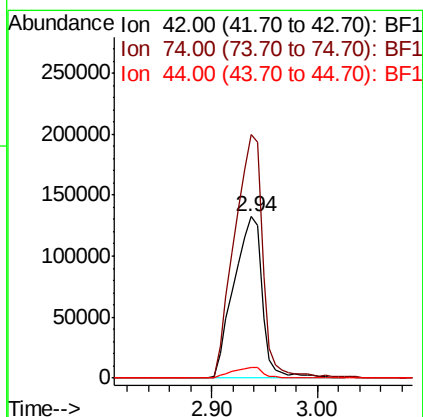
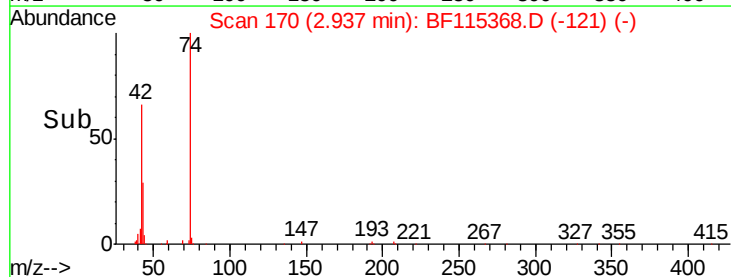
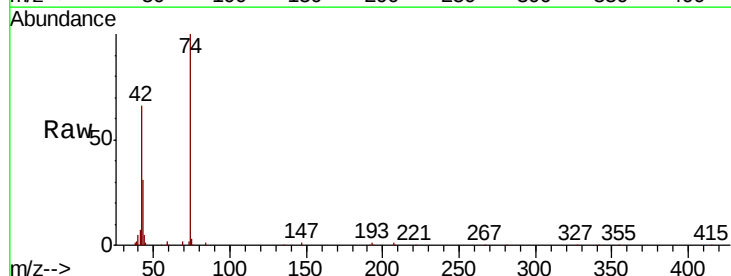
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

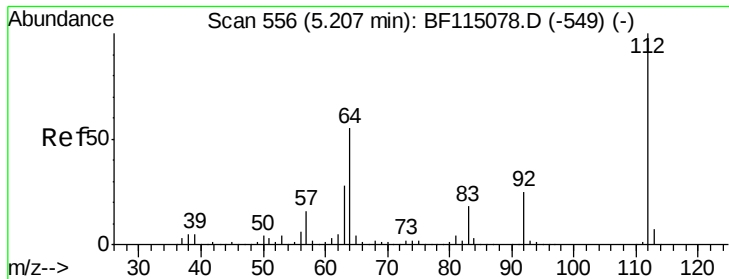
Tgt Ion: 79 Resp: 498227
 Ion Ratio Lower Upper
 79 100
 52 63.2 52.3 78.5
 51 31.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 30.392 ng
 RT: 2.94 min Scan# 170
 Delta R.T. 0.19 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion: 42 Resp: 245397
 Ion Ratio Lower Upper
 42 100
 74 150.8 116.6 175.0
 44 6.9 5.3 7.9





#5

2-Fluorophenol

Concen: 92.807 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.04 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

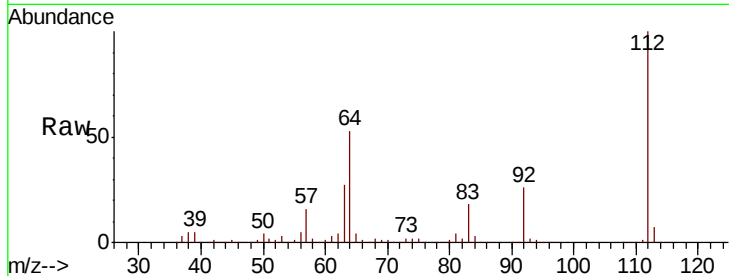
Tgt Ion: 112 Resp: 1437024

Ion Ratio Lower Upper

112 100

64 52.8 43.8 65.6

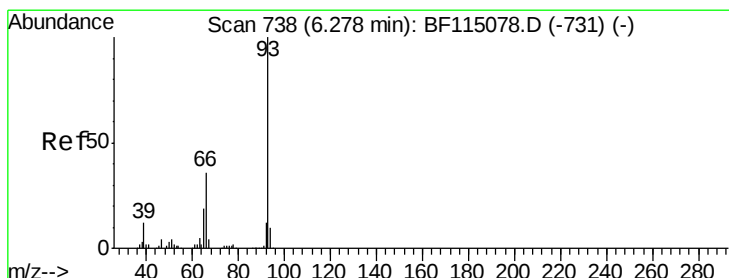
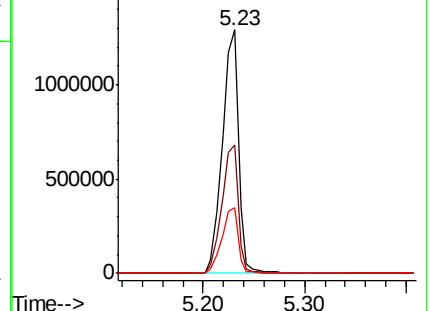
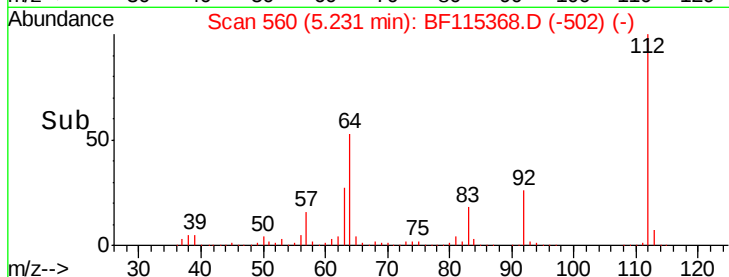
63 26.9 22.2 33.4



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: 6.284 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

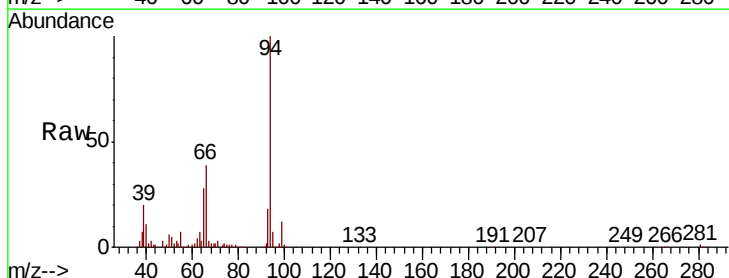
Tgt Ion: 93 Resp: 162318

Ion Ratio Lower Upper

93 100

66 218.6 30.0 45.0#

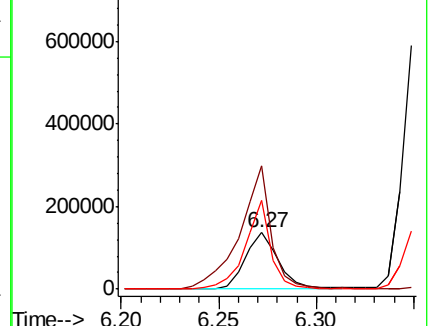
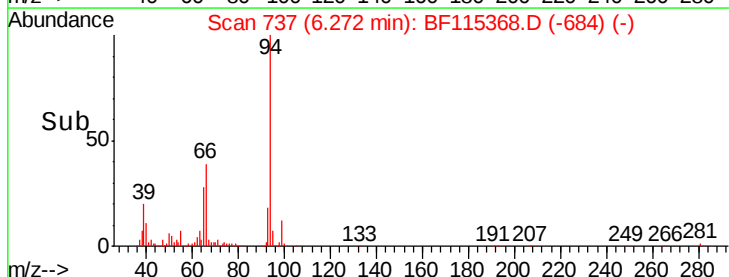
65 157.2 15.6 23.4#

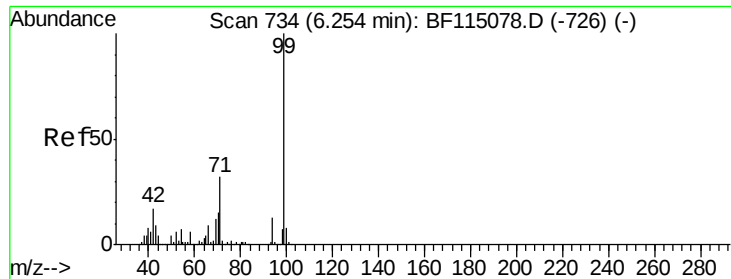


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.685 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF115368.D

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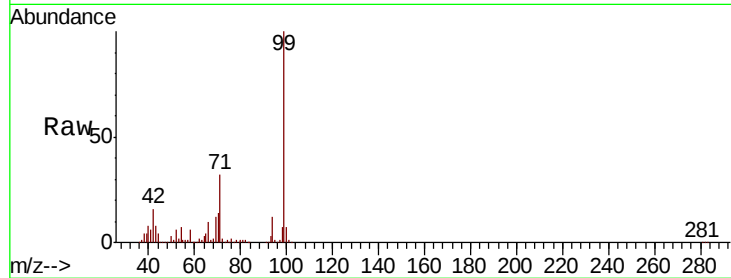
Tgt Ion: 99 Resp: 1685520

Ion Ratio Lower Upper

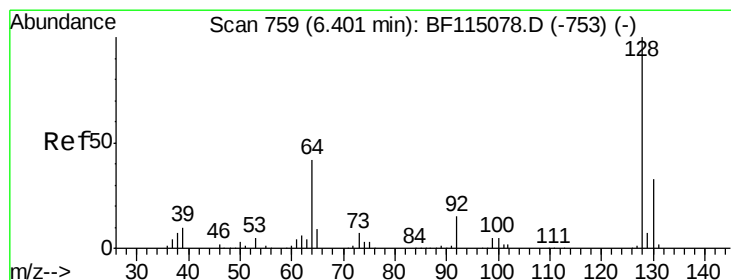
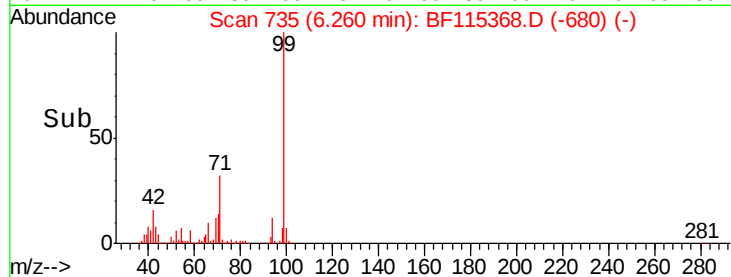
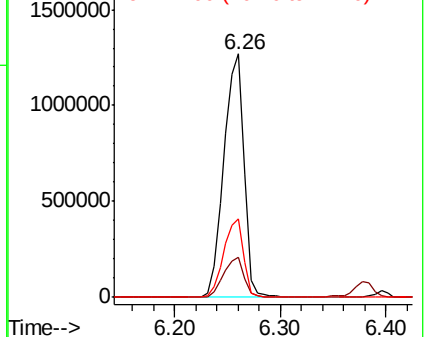
99 100

42 16.3 13.6 20.4

71 32.3 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: 35.897 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

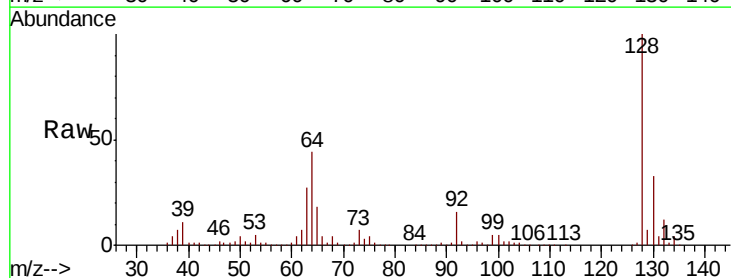
Tgt Ion: 128 Resp: 625007

Ion Ratio Lower Upper

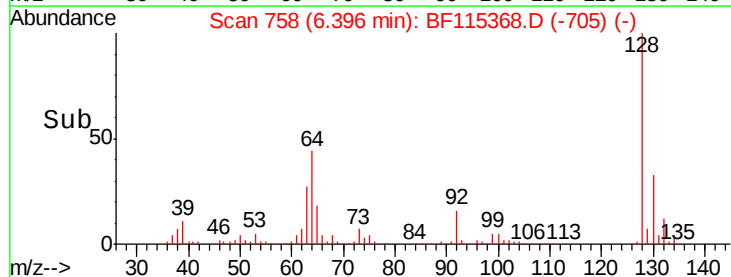
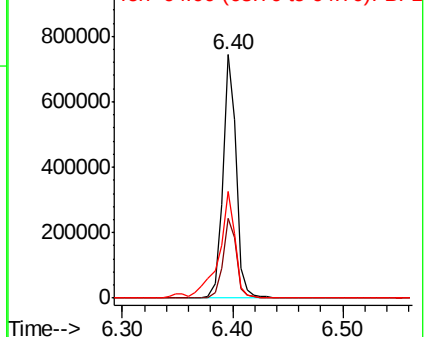
128 100

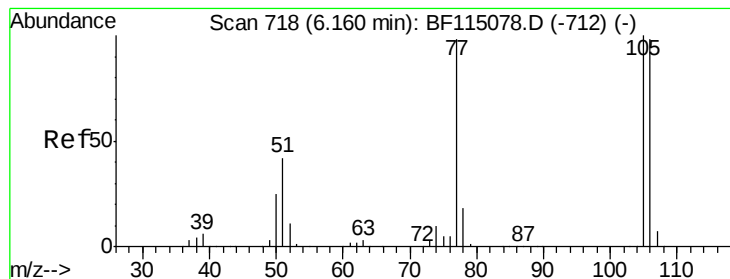
130 32.9 12.9 52.9

64 43.9 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.833 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

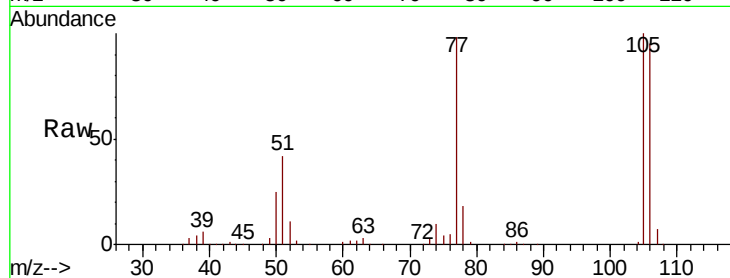
Tgt Ion: 77 Resp: 316748

Ion Ratio Lower Upper

77 100

105 102.1 81.5 121.5

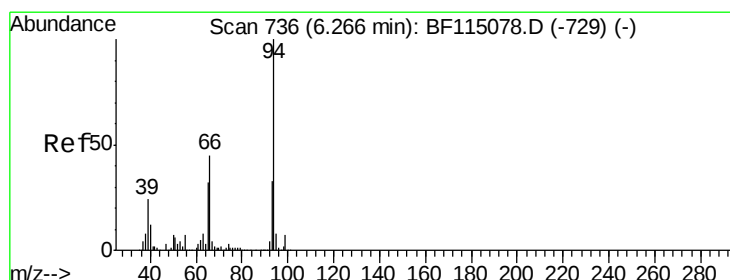
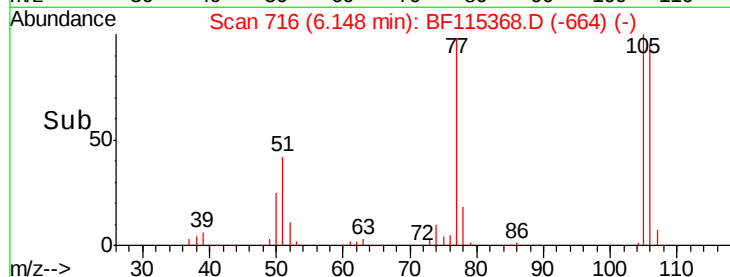
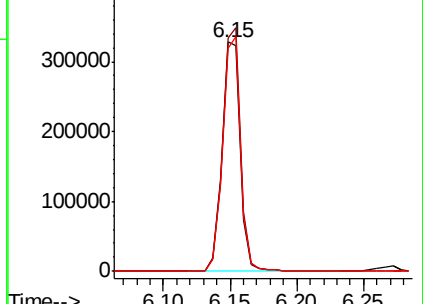
106 97.2 79.7 119.7



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: 28.273 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

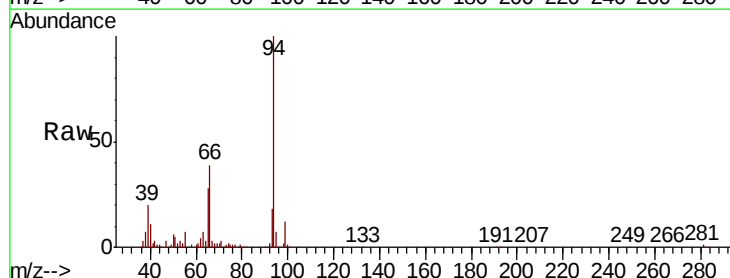
Tgt Ion: 94 Resp: 622425

Ion Ratio Lower Upper

94 100

65 27.8 11.9 51.9

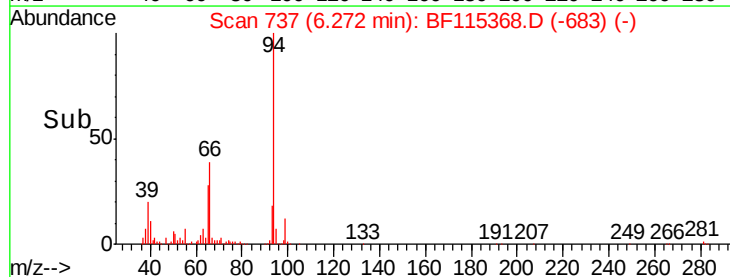
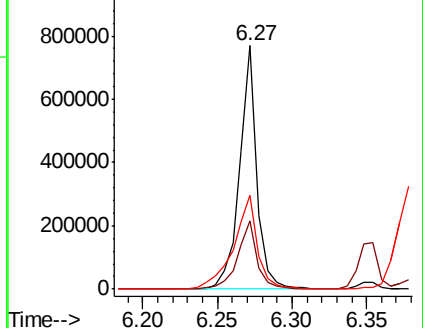
66 38.7 25.2 65.2

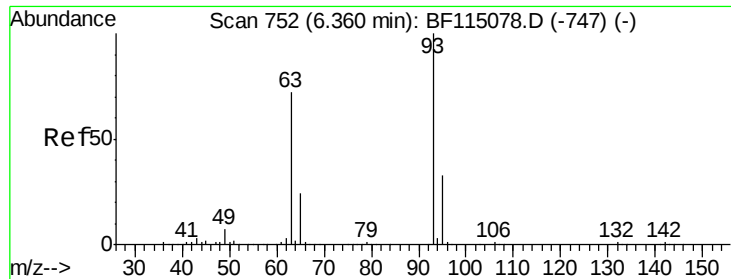


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

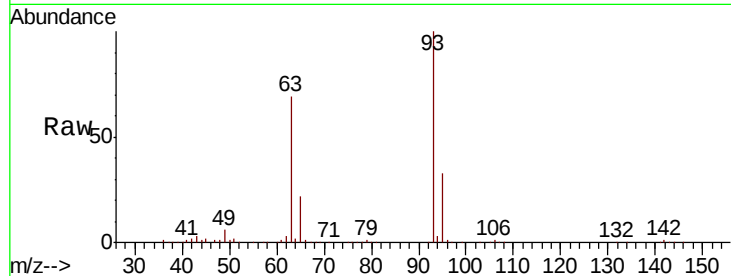




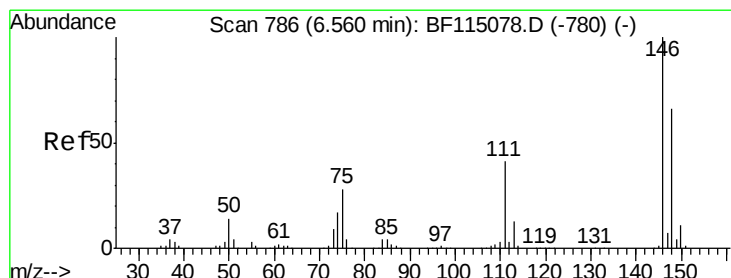
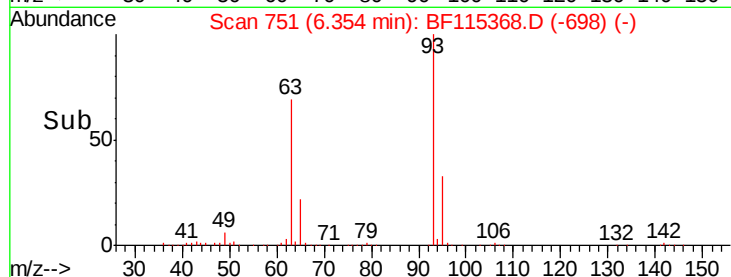
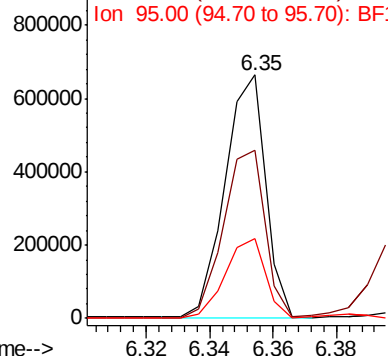
#11
bis(2-Chloroethyl)ether
Concen: 36.255 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion: 93 Resp: 588333
Ion Ratio Lower Upper
93 100
63 69.0 51.5 91.5
95 32.8 13.4 53.4

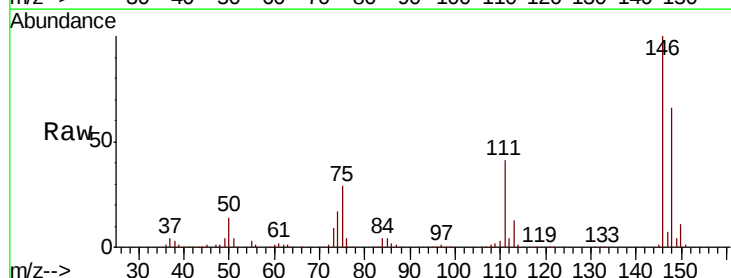


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

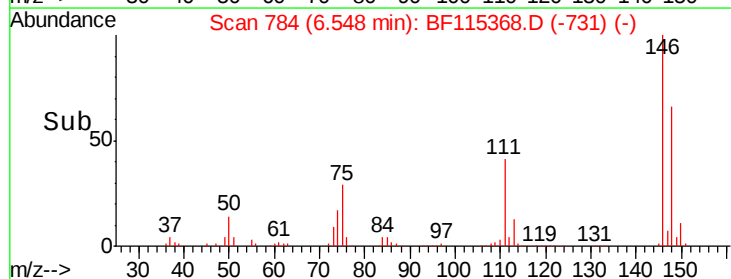
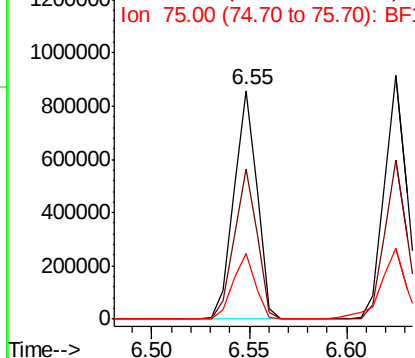


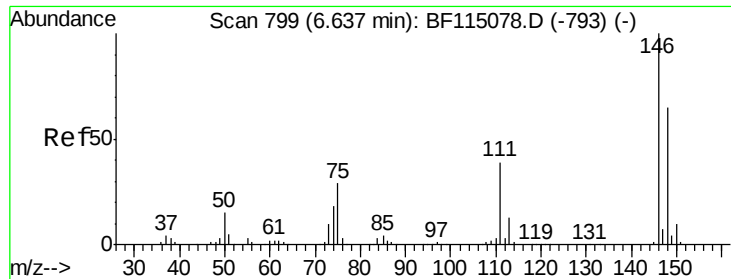
#12
1,3-Dichlorobenzene
Concen: 36.435 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion: 146 Resp: 704030
Ion Ratio Lower Upper
146 100
148 65.5 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

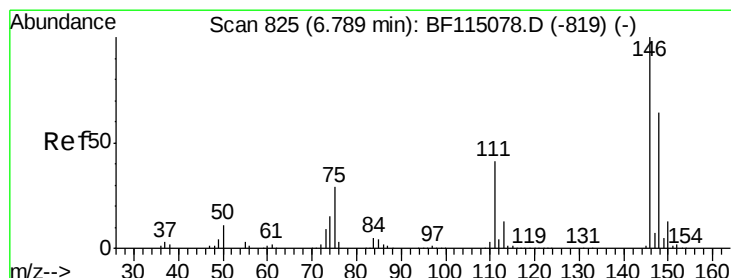
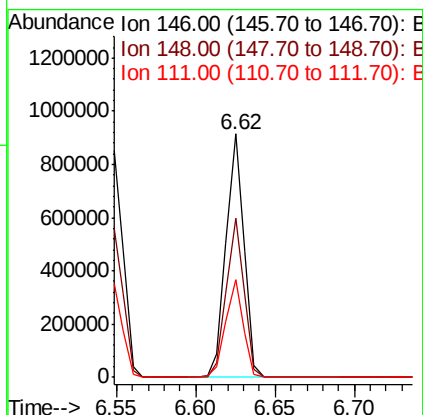
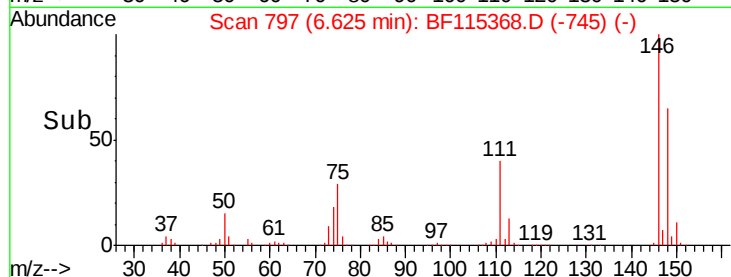
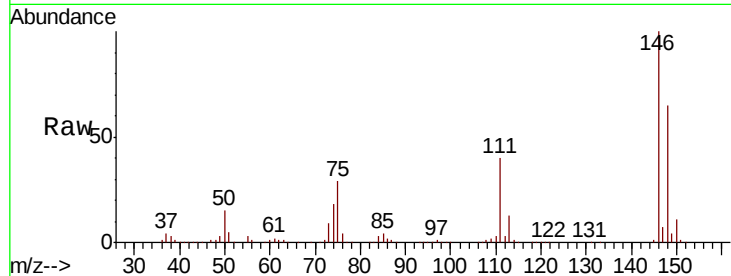




#13
 1,4-Dichlorobenzene
 Concen: 37.023 ng
 RT: 6.62 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

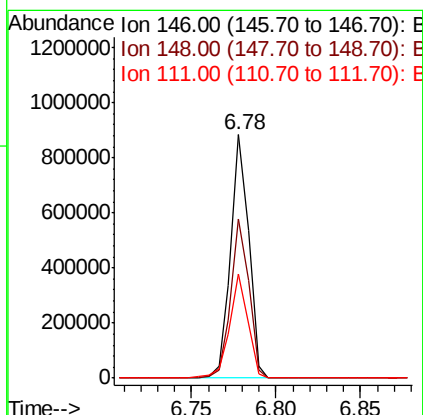
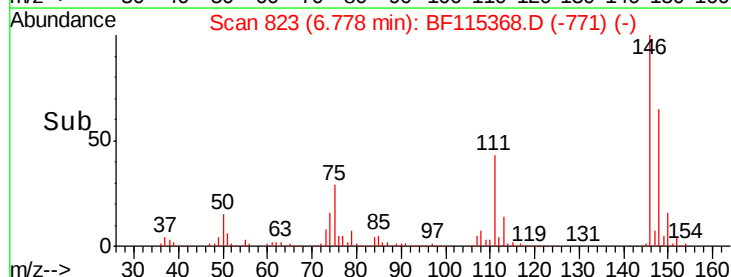
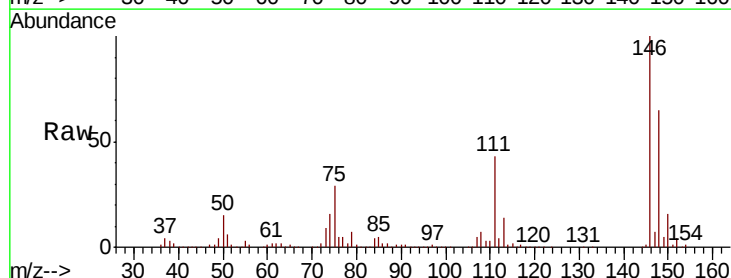
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion:146 Resp: 717371
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 40.0 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 36.567 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:146 Resp: 656159
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 42.7 33.2 49.8





#15

Benzyl Alcohol

Concen: 31.465 ng

RT: 6.76 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

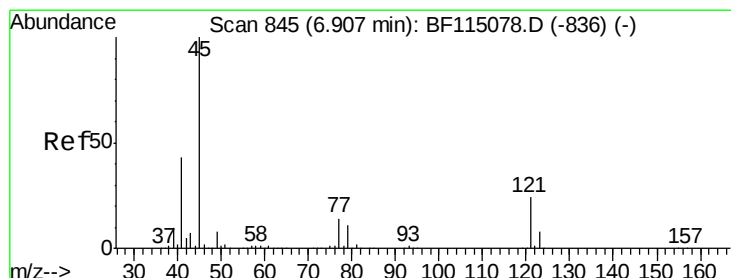
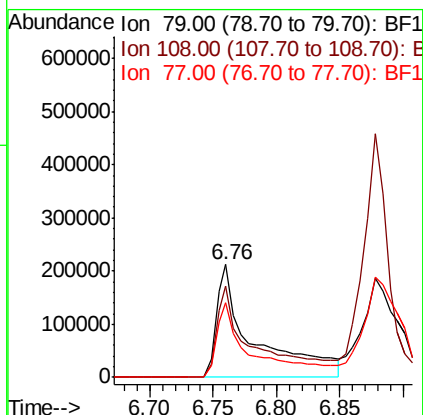
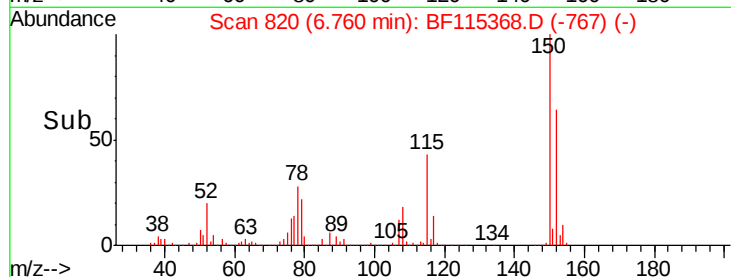
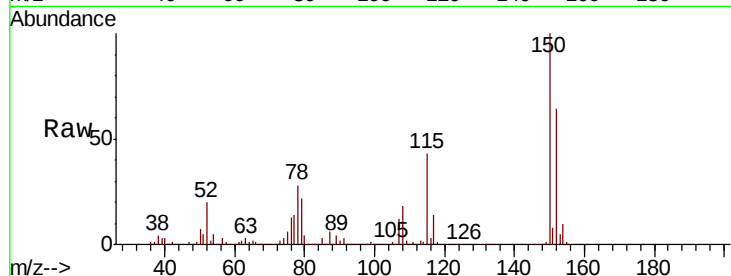
Tgt Ion: 79 Resp: 430594

Ion Ratio Lower Upper

79 100

108 80.8 68.7 103.1

77 66.6 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.109 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

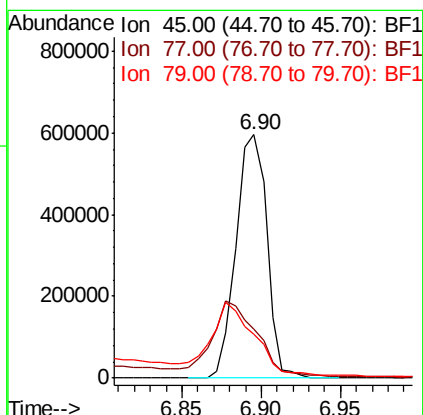
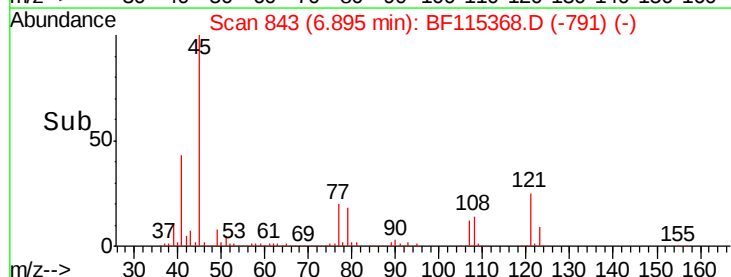
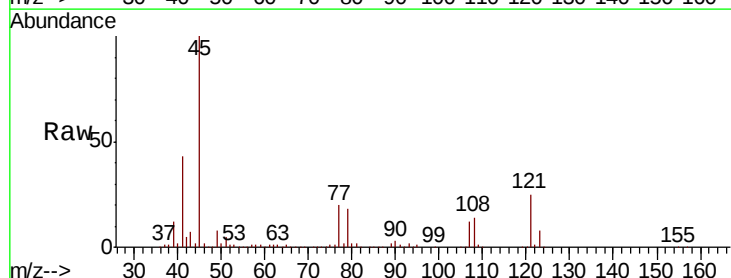
Tgt Ion: 45 Resp: 802798

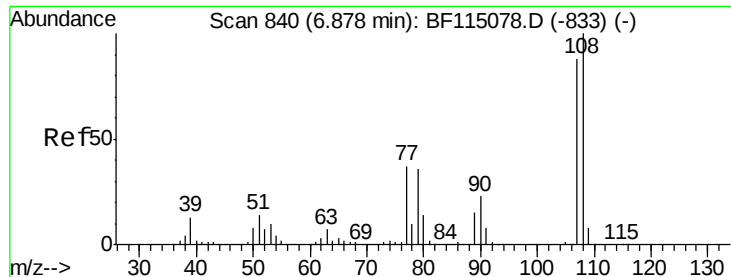
Ion Ratio Lower Upper

45 100

77 20.4 0.0 34.6

79 18.0 0.0 31.2

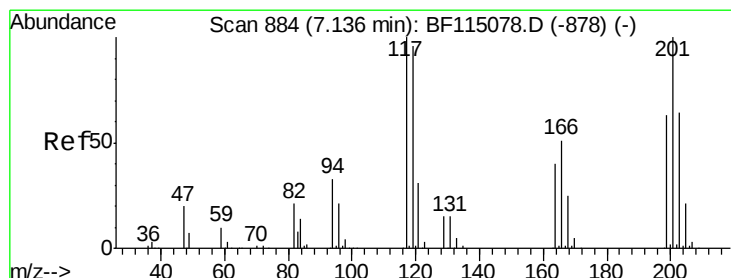
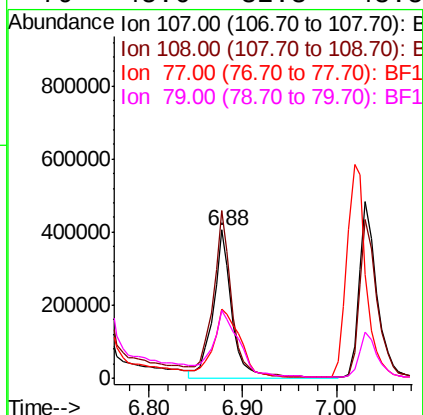
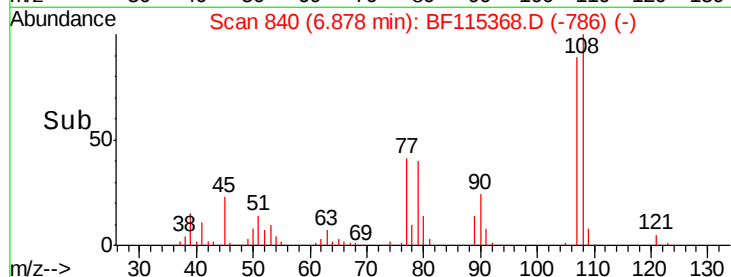
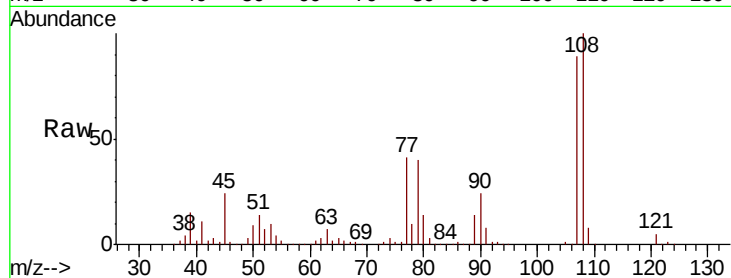




#17
2-Methylphenol
Concen: 39.440 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

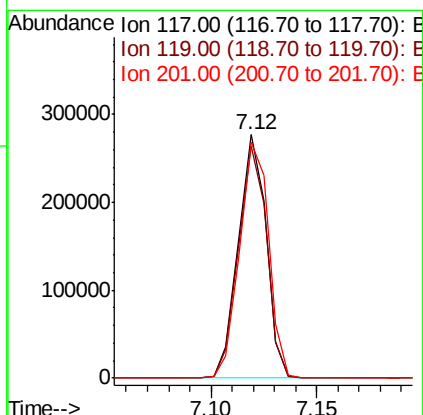
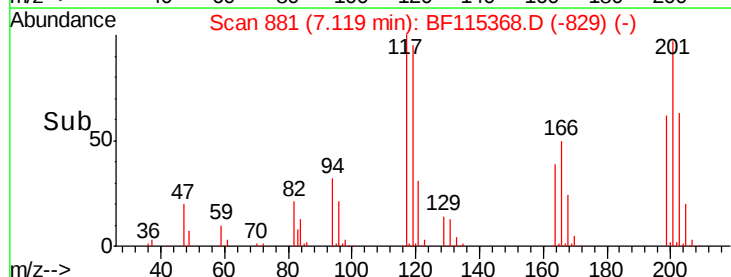
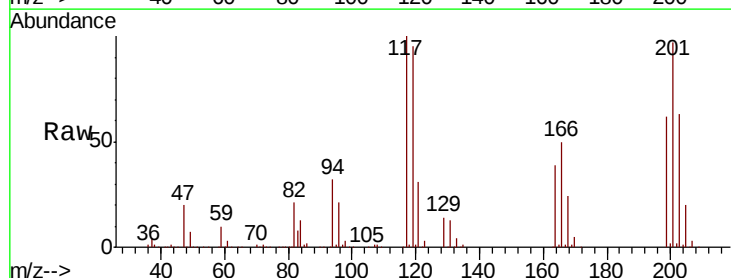
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

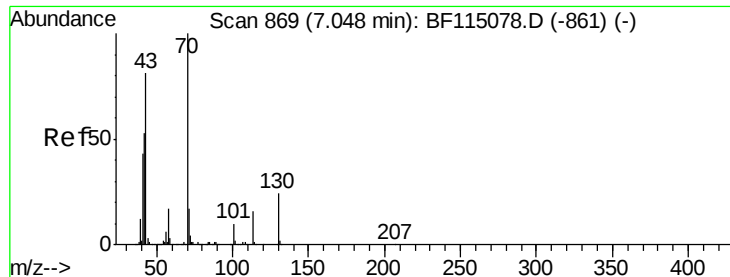
Tgt Ion:	107	Resp:	566807
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	46.5	33.4	50.2
79	45.6	32.3	48.5



#18
Hexachloroethane
Concen: 36.199 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:	117	Resp:	252873
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	114.8
201	96.8	80.2	120.2

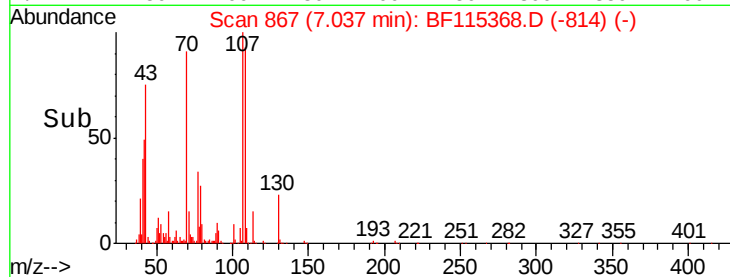
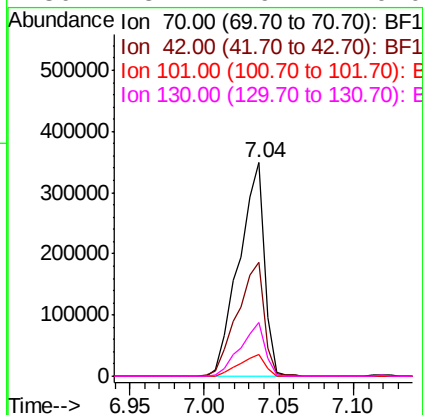
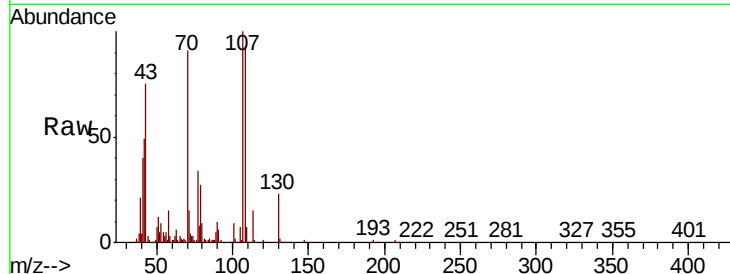




#19
n-Nitroso-di-n-propylamine
Concen: 34.637 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

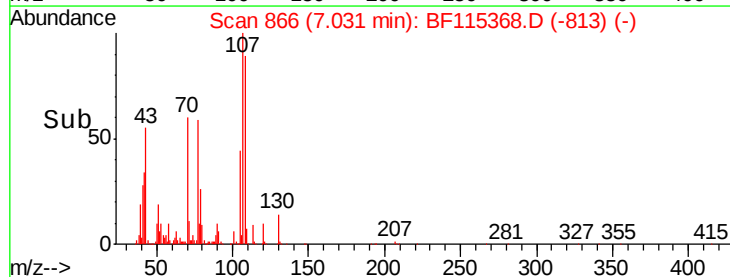
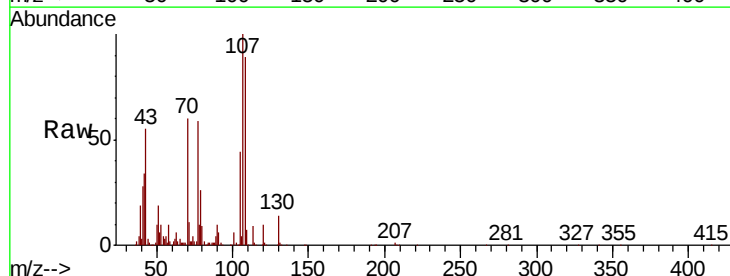
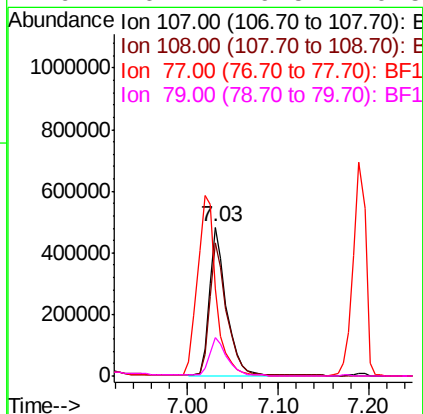
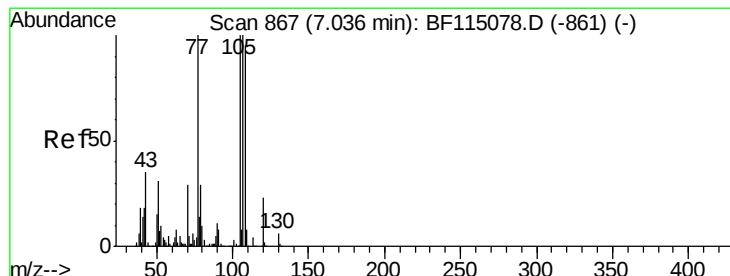
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion:	70	Resp:	416754
Ion	Ratio	Lower	Upper
70	100		
42	53.3	42.6	63.8
101	10.3	8.0	12.0
130	25.4	19.4	29.0



#20
3+4-Methylphenols
Concen: 37.786 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:	107	Resp:	627030
Ion	Ratio	Lower	Upper
107	100		
108	89.5	75.5	115.5
77	58.8	80.2	120.2#
79	26.2	9.5	49.5

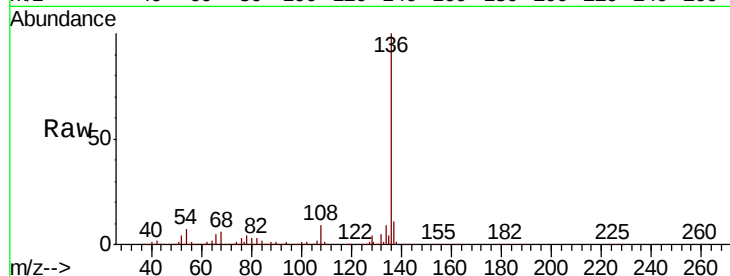




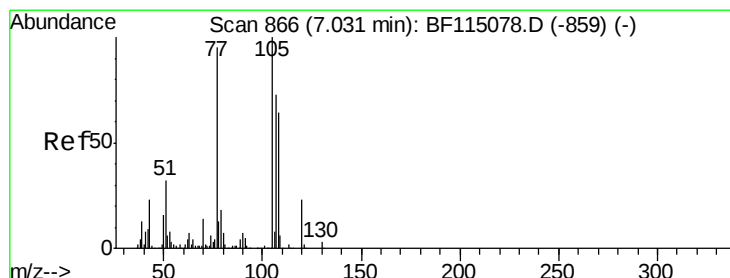
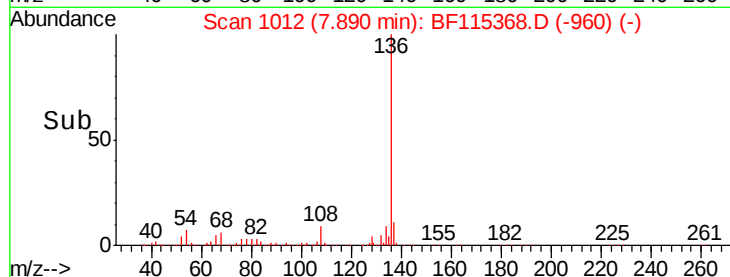
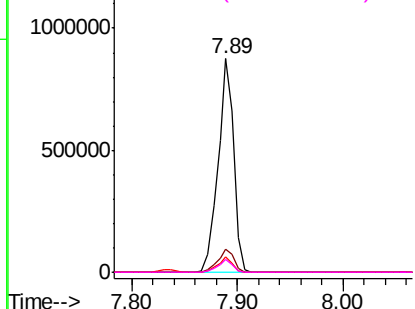
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion:	136	Resp:	917825
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	5.6	8.4
68	6.0	4.8	7.2

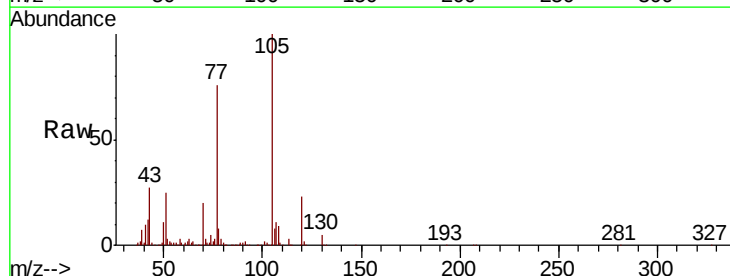


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

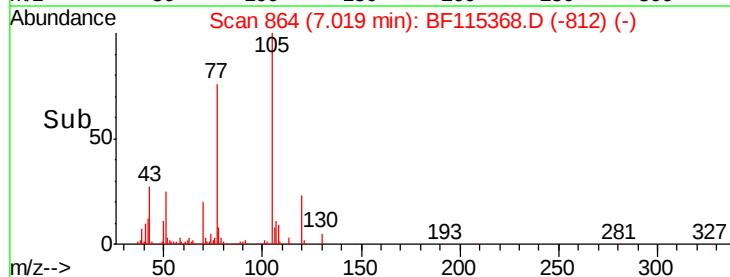
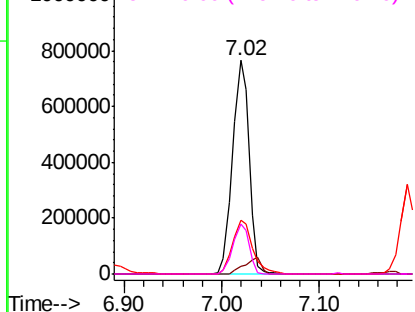


#22
Acetophenone
Concen: 42.804 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:	105	Resp:	899394
Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.9	2.9#
51	25.1	25.8	38.8#
120	23.5	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

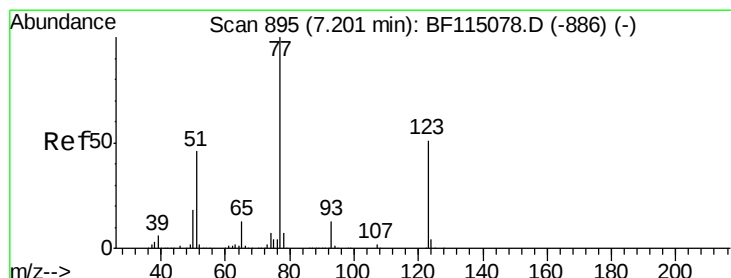
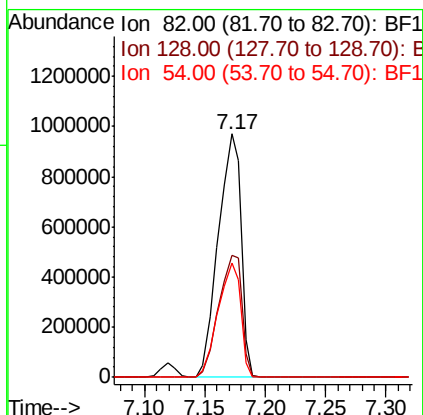
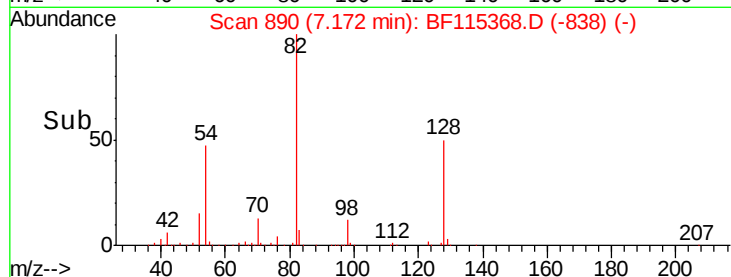
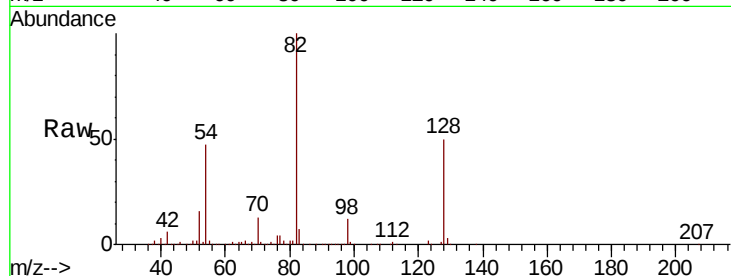




#23
 Nitrobenzene-d5
 Concen: 84.754 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

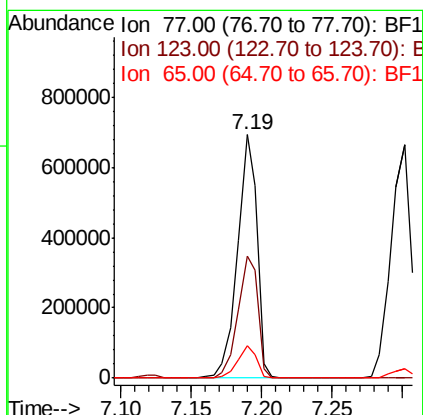
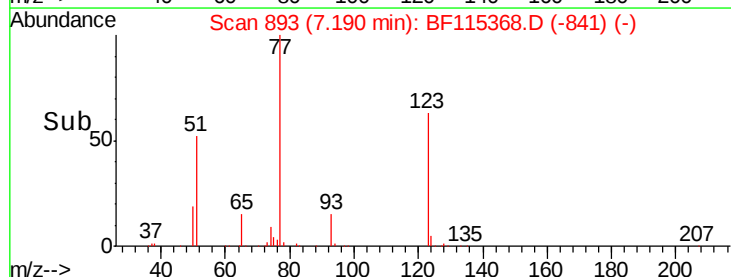
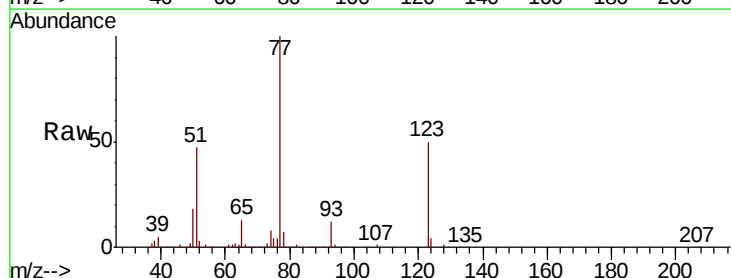
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

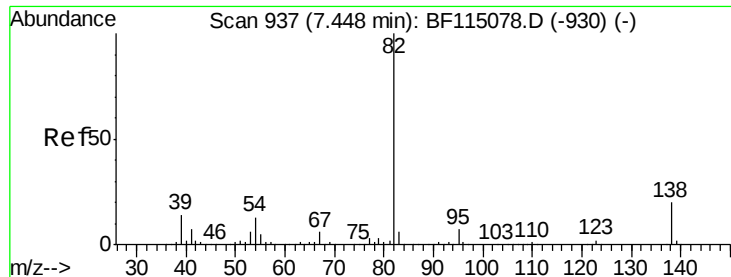
Tgt Ion: 82 Resp: 1264558
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.4 60.6
 54 47.2 37.5 56.3



#24
 Nitrobenzene
 Concen: 40.164 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion: 77 Resp: 660196
 Ion Ratio Lower Upper
 77 100
 123 50.0 41.0 61.6
 65 13.1 10.5 15.7





#25

Isophorone

Concen: 38.516 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

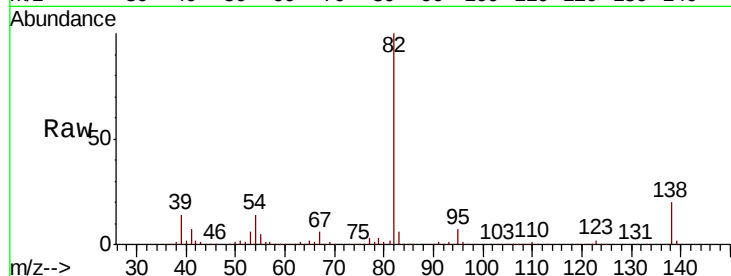
Tgt Ion: 82 Resp: 1177246

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

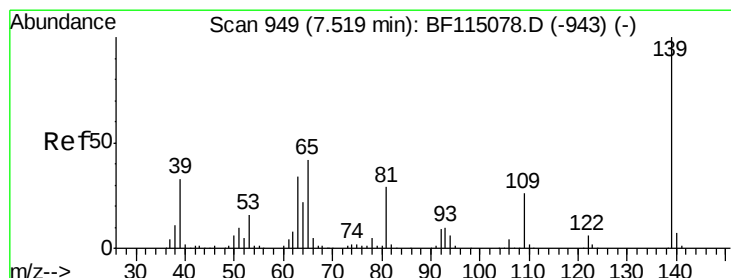
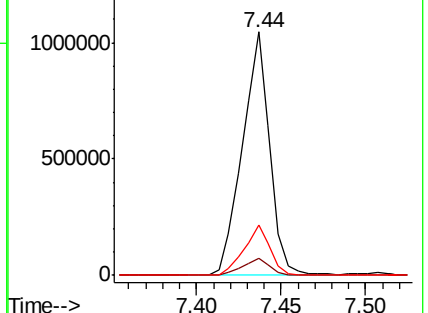
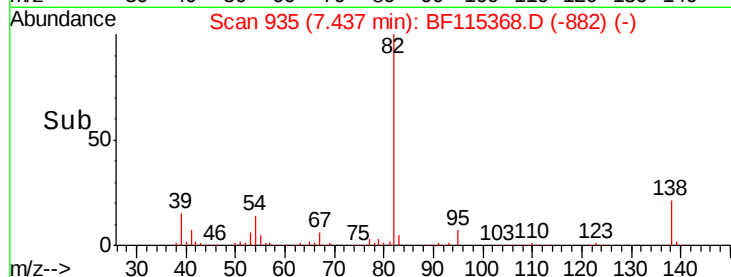
138 20.4 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.687 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

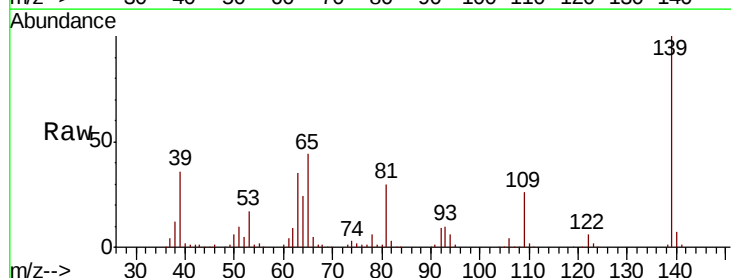
Tgt Ion: 139 Resp: 362744

Ion Ratio Lower Upper

139 100

109 25.9 20.4 30.6

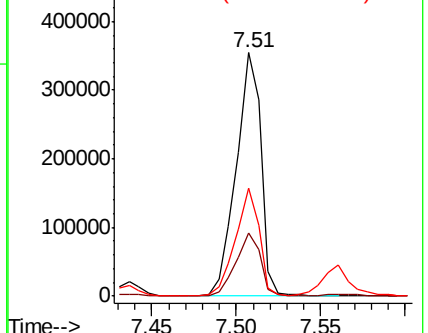
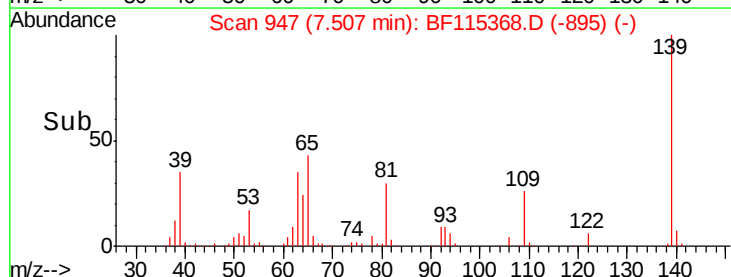
65 44.4 33.6 50.4

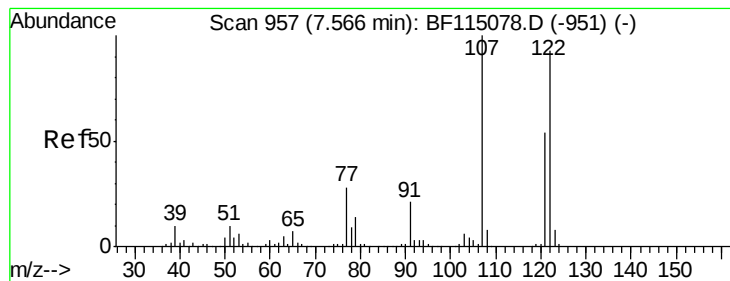


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.234 ng

RT: 7.56 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

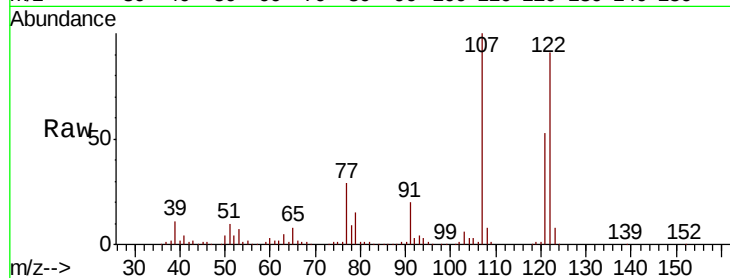
Tgt Ion:122 Resp: 587897

Ion Ratio Lower Upper

122 100

107 109.6 85.8 128.6

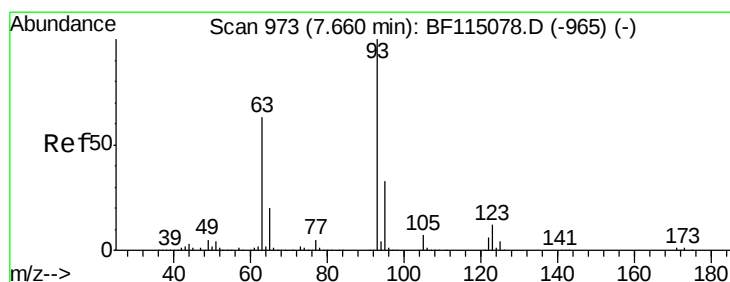
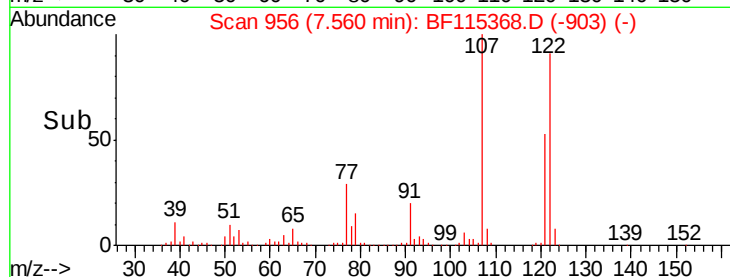
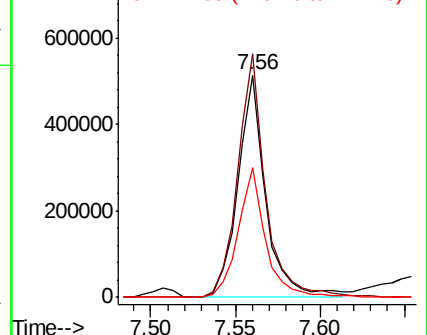
121 58.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.301 ng

RT: 7.65 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

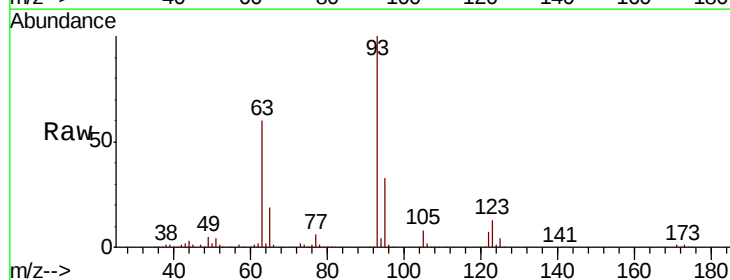
Tgt Ion: 93 Resp: 759233

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

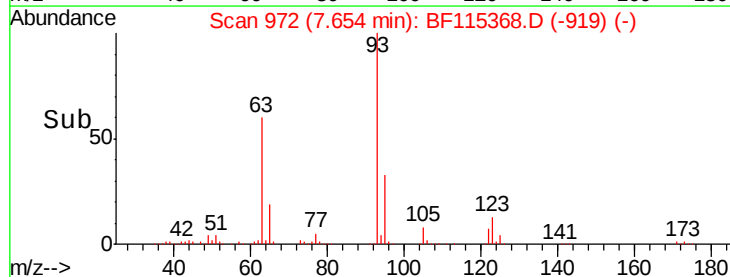
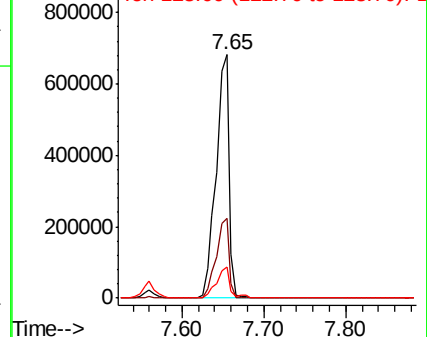
123 13.0 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.454 ng

RT: 7.75 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

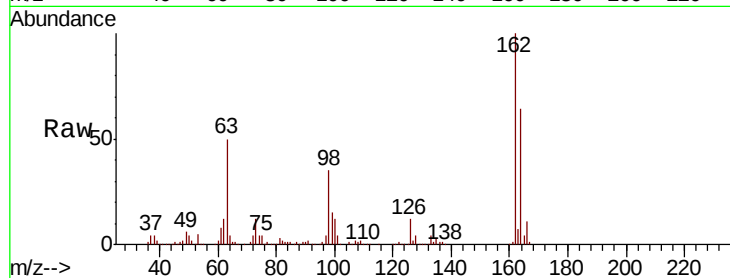
Tgt Ion:162 Resp: 568580

Ion Ratio Lower Upper

162 100

164 64.1 45.3 85.3

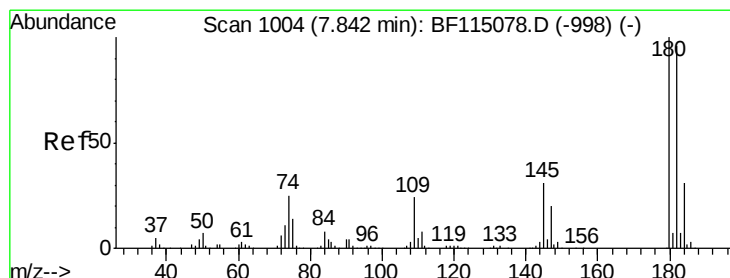
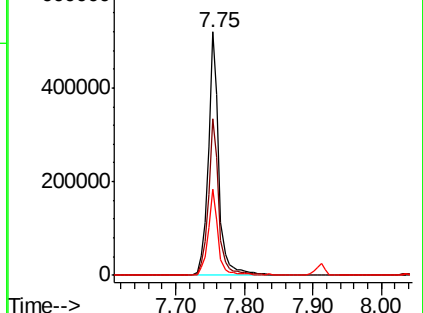
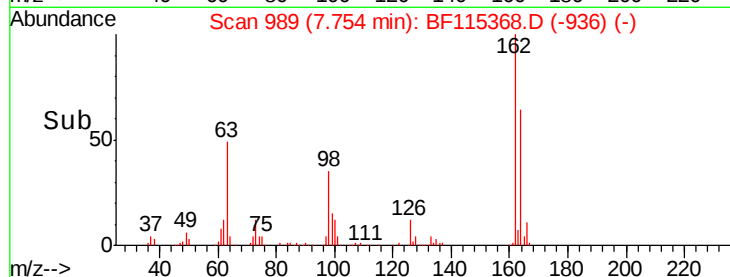
98 35.5 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.089 ng

RT: 7.84 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

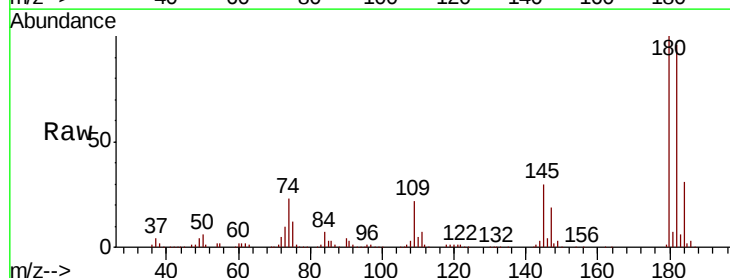
Tgt Ion:180 Resp: 622517

Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

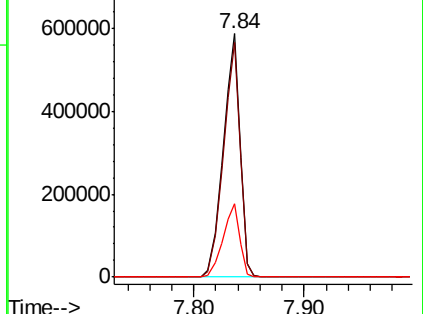
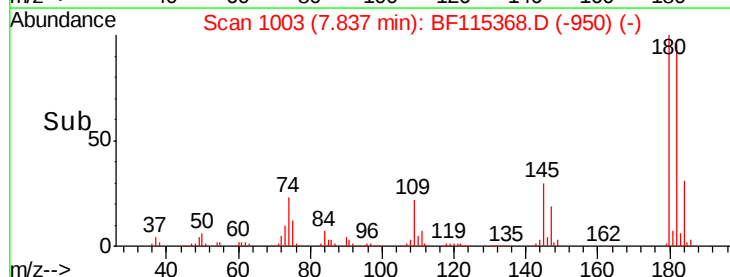
145 30.2 24.8 37.2

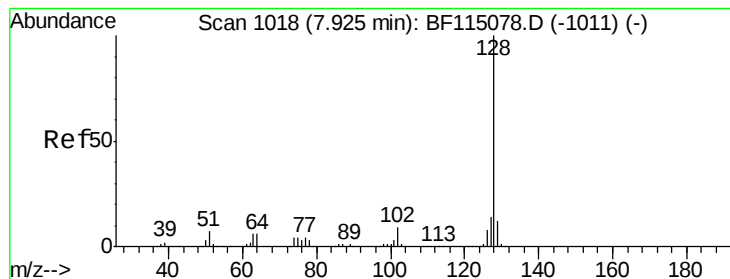


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.613 ng

RT: 7.91 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

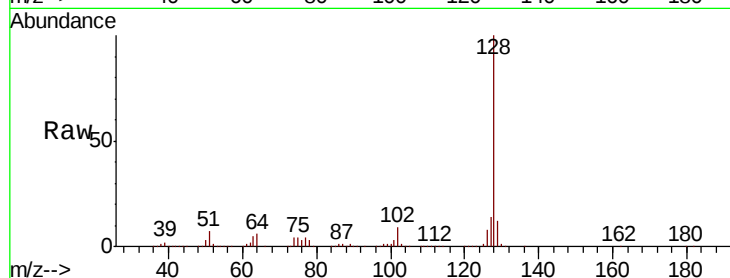
Tgt Ion:128 Resp: 1874836

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

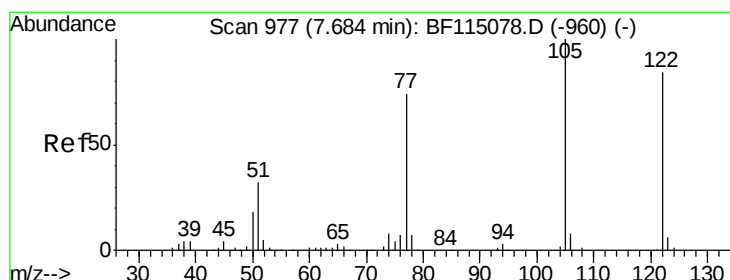
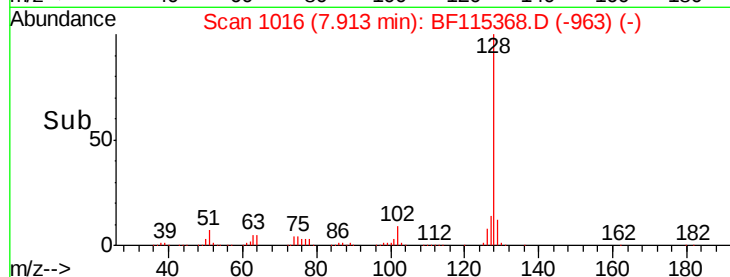
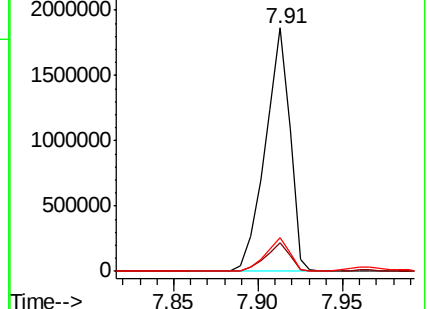
127 13.7 11.4 17.0



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: 20.535 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

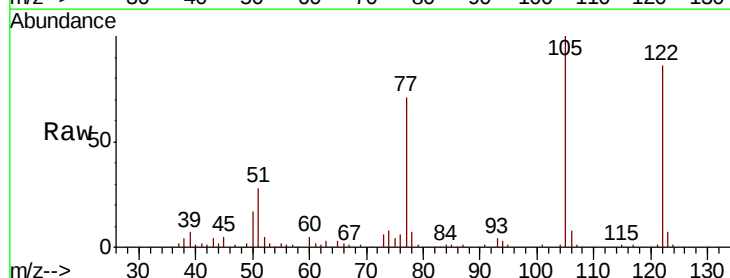
Tgt Ion:122 Resp: 194814

Ion Ratio Lower Upper

122 100

105 116.4 98.2 138.2

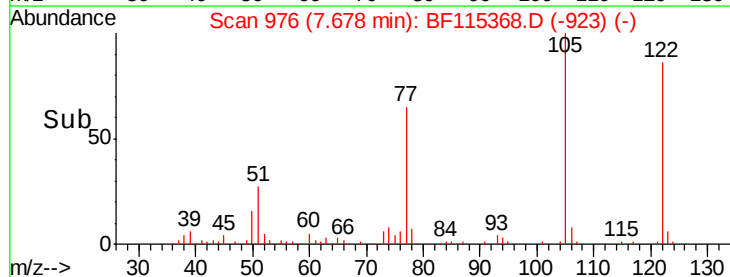
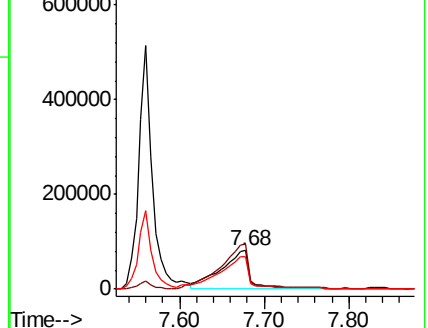
77 83.2 67.0 107.0

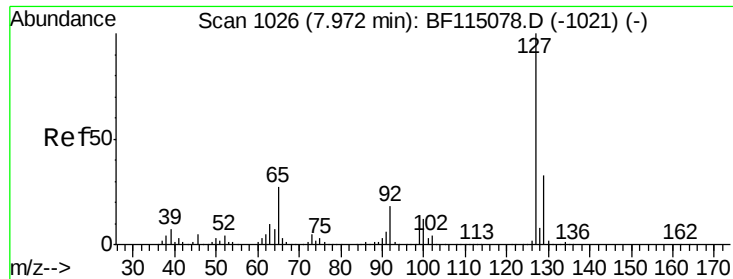


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

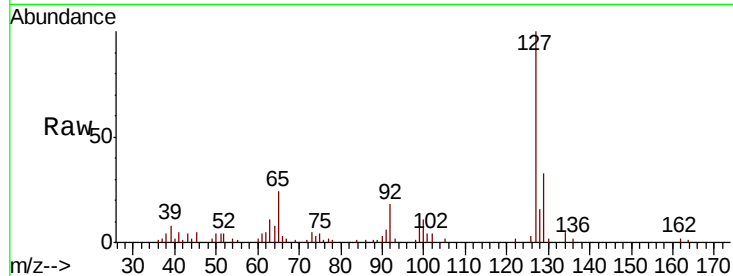




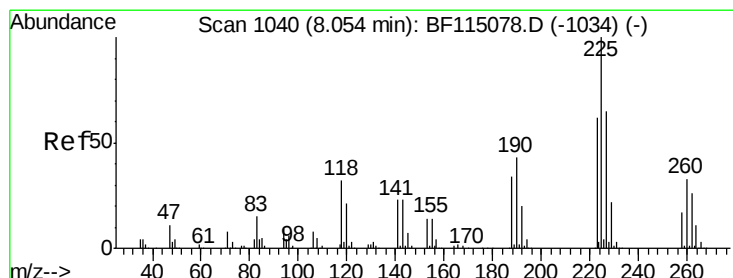
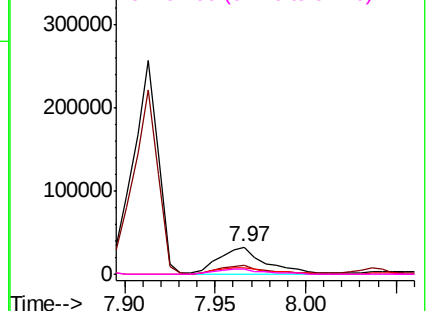
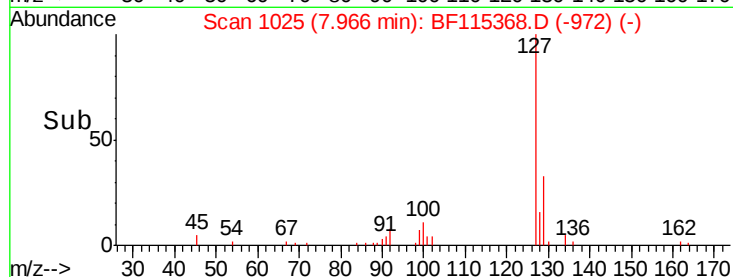
#33
4-Chloroaniline
Concen: 2.954 ng
RT: 7.97 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion:	127	Resp:	60822
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	23.8	21.4	32.2
92	18.1	14.1	21.1

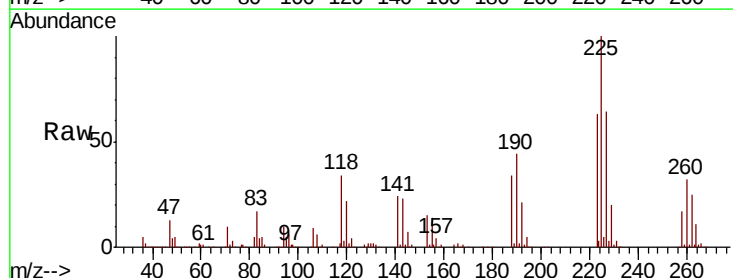


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

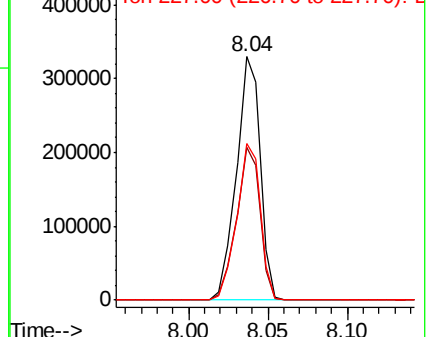
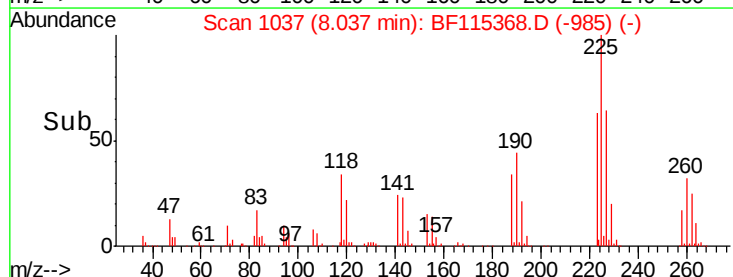


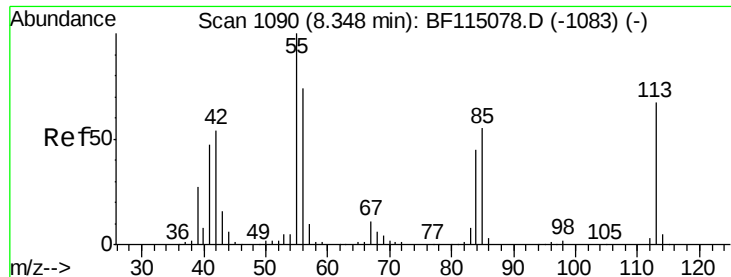
#34
Hexachlorobutadiene
Concen: 41.280 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:	225	Resp:	342720
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	64.3	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

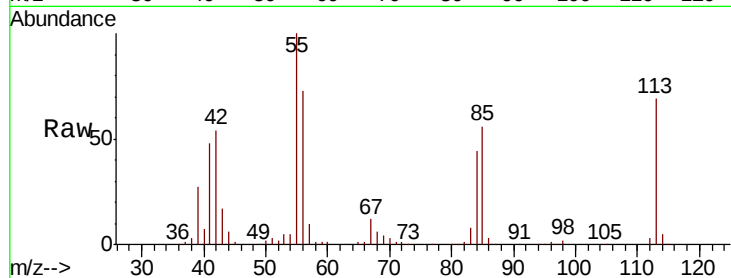




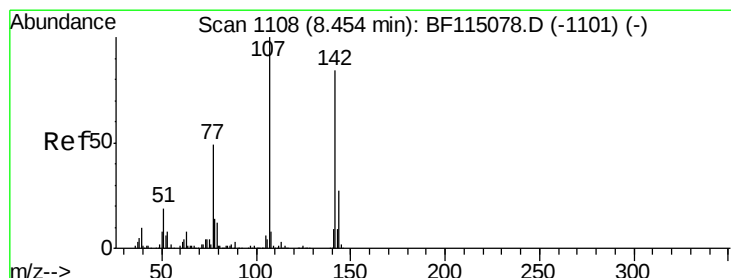
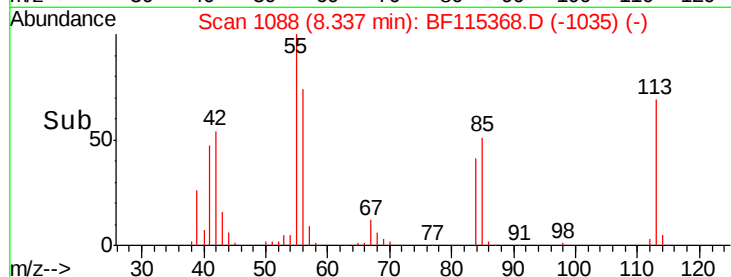
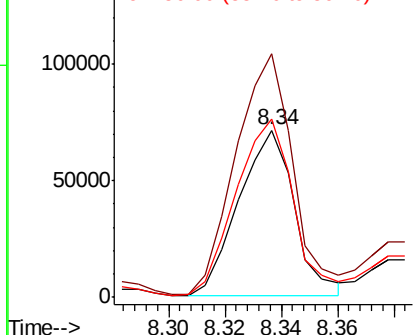
#35
 Caprolactam
 Concen: 21.282 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion:113 Resp: 98140
 Ion Ratio Lower Upper
 113 100
 55 145.4 130.2 170.2
 56 106.9 91.6 131.6

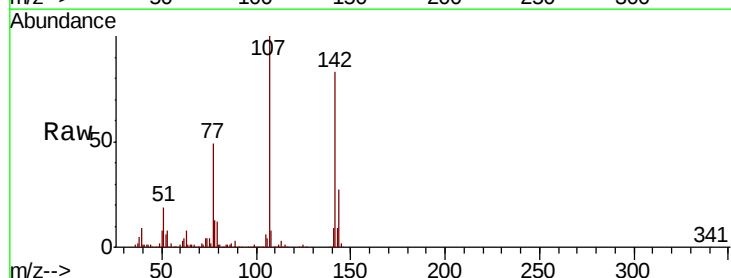


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

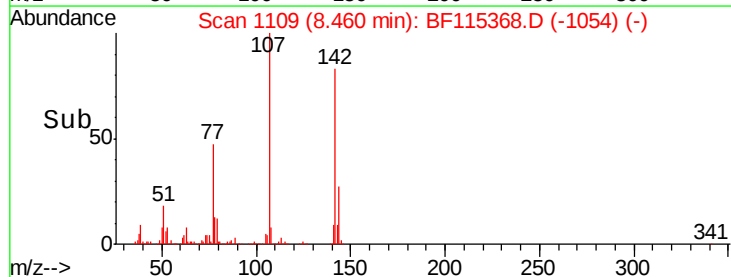
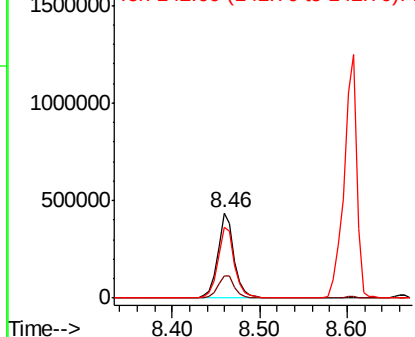


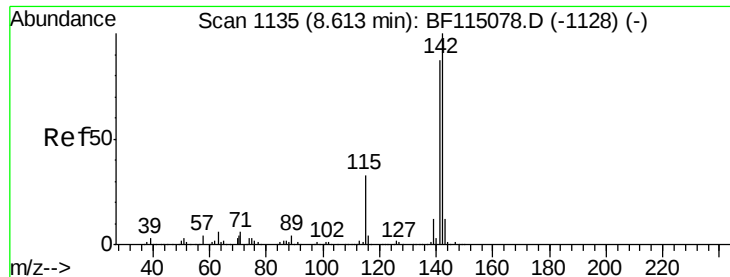
#36
 4-Chloro-3-methylphenol
 Concen: 40.609 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:107 Resp: 564072
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.7 32.5
 142 82.8 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

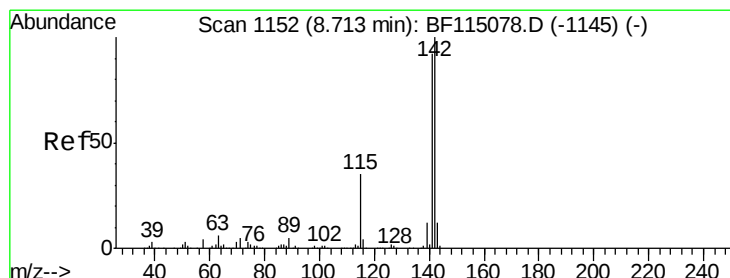
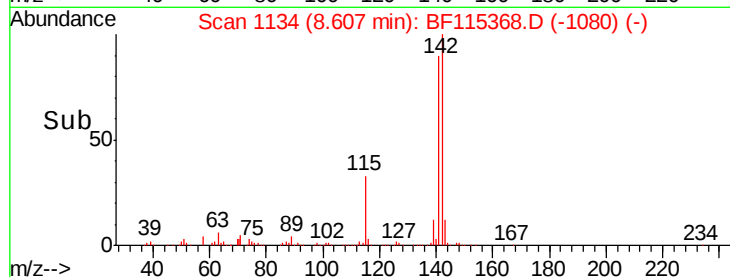
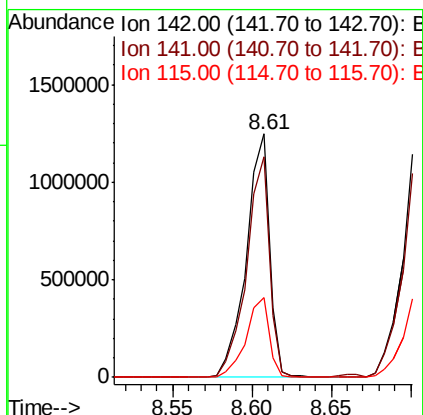
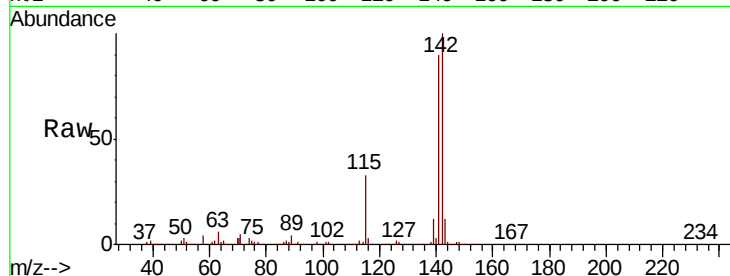




#37
2-Methylnaphthalene
Concen: 41.608 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

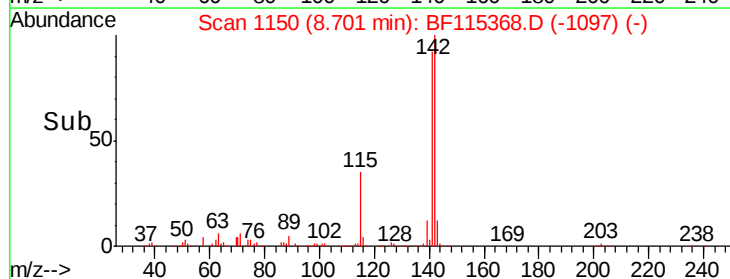
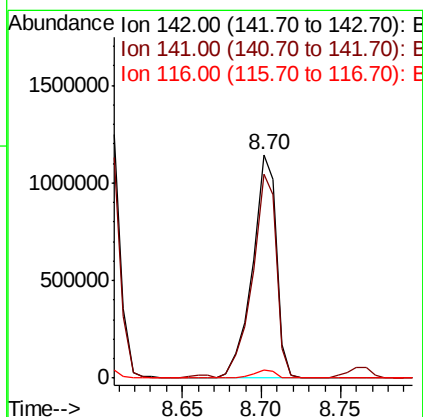
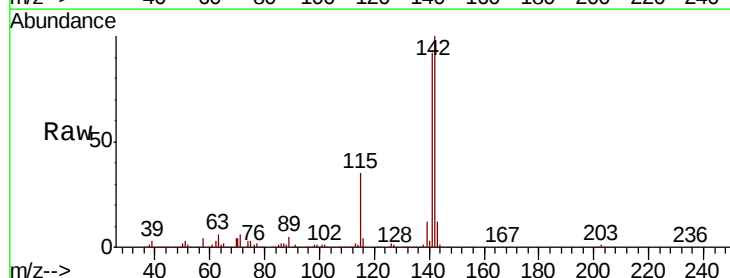
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

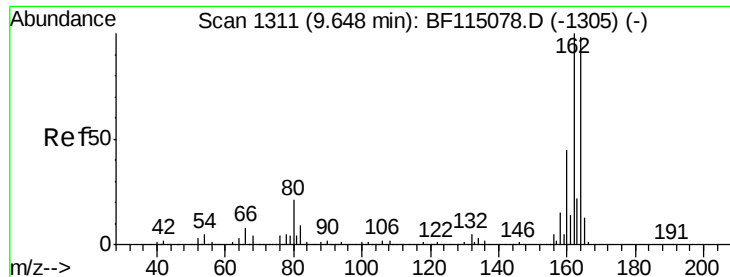
Tgt Ion:142 Resp: 1263959
Ion Ratio Lower Upper
142 100
141 90.4 69.8 104.6
115 32.9 26.7 40.1



#38
1-Methylnaphthalene
Concen: 41.240 ng
RT: 8.70 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:142 Resp: 1196470
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.8
116 3.7 2.8 4.2

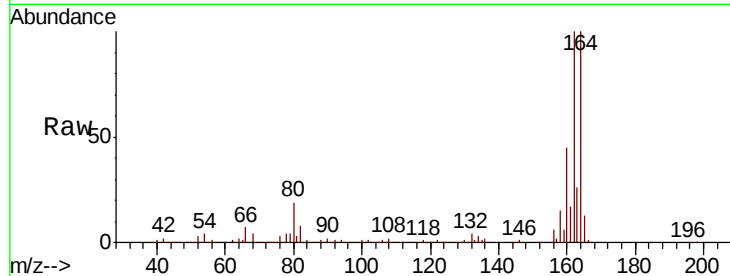




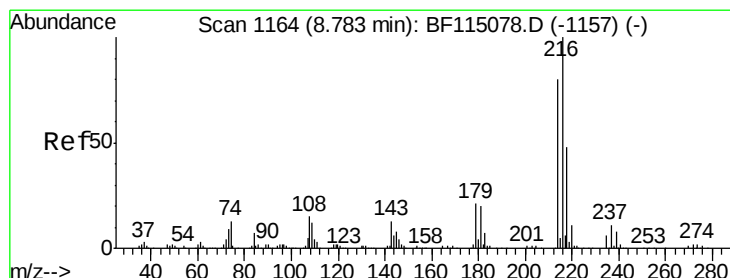
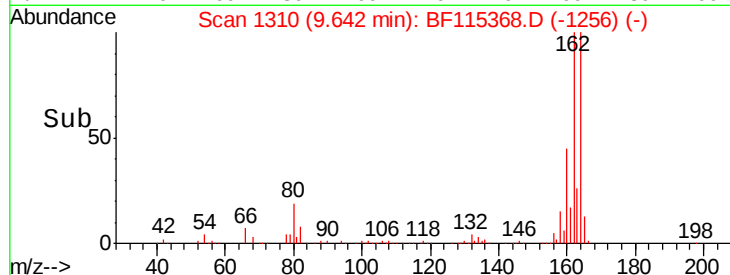
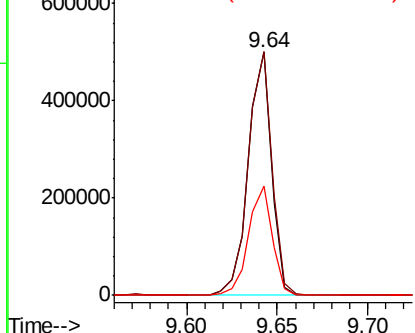
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion:164 Resp: 445575
Ion Ratio Lower Upper
164 100
162 100.0 81.7 122.5
160 45.1 37.0 55.4

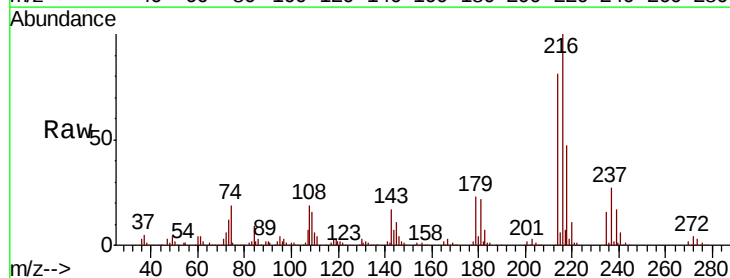


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

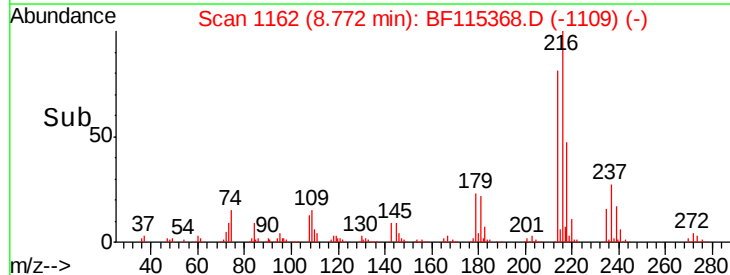
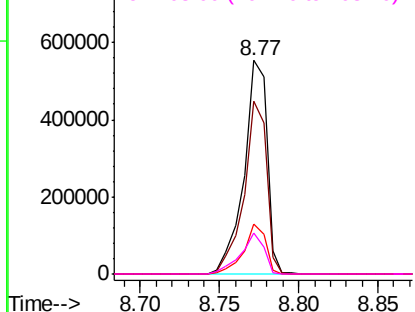


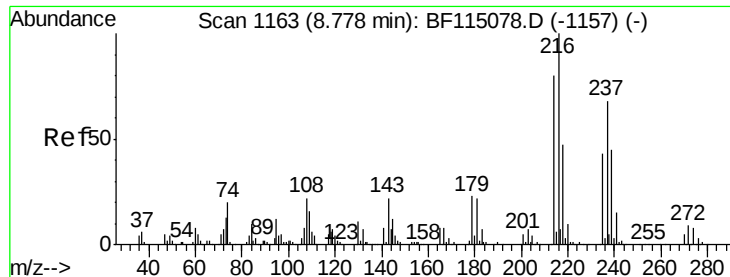
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.343 ng
RT: 8.77 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:216 Resp: 558325
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 22.1 17.6 26.4
108 19.5 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 62.674 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

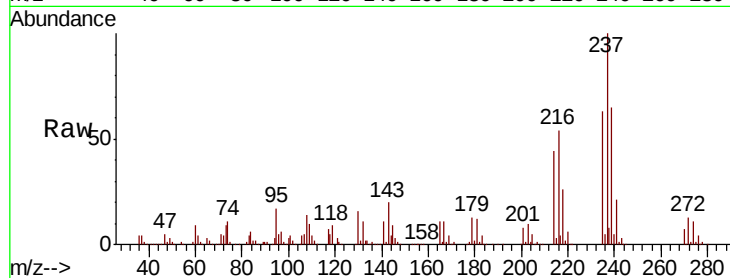
Tgt Ion:237 Resp: 467931

Ion Ratio Lower Upper

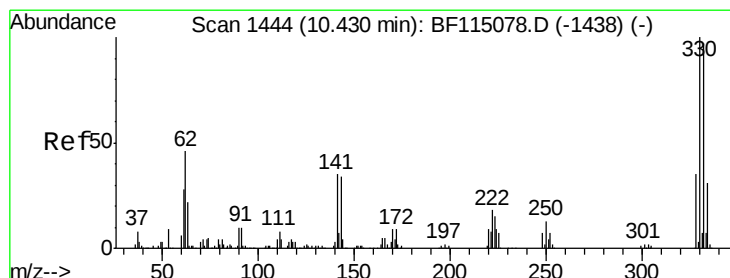
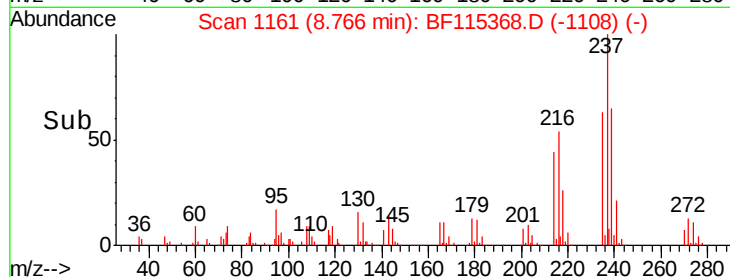
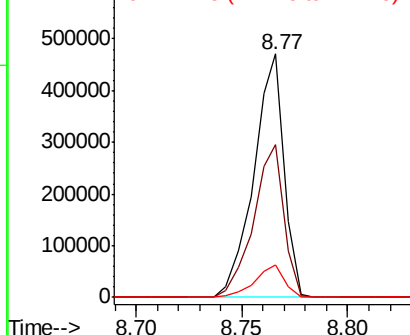
237 100

235 62.6 43.9 83.9

272 13.2 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: 122.833 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

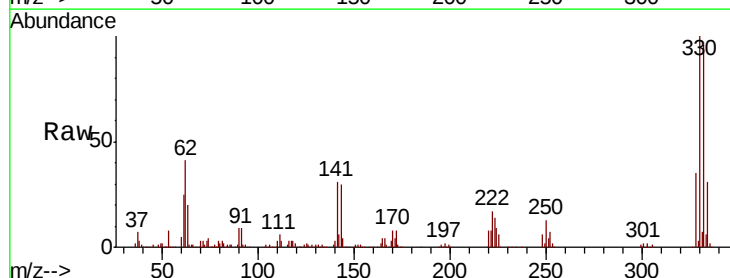
Tgt Ion:330 Resp: 577159

Ion Ratio Lower Upper

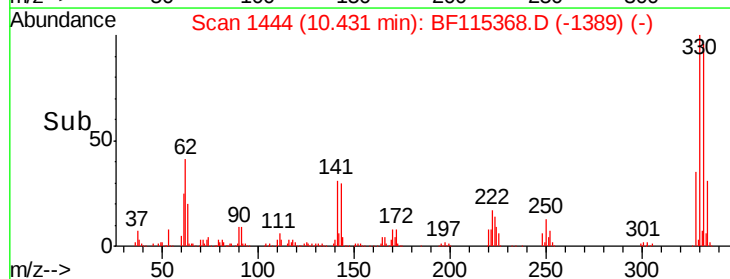
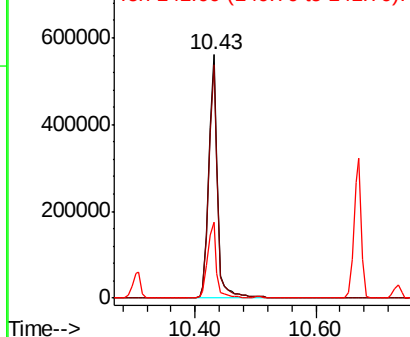
330 100

332 96.2 77.3 115.9

141 31.4 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

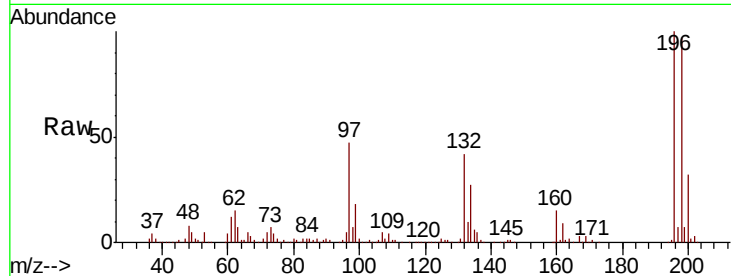




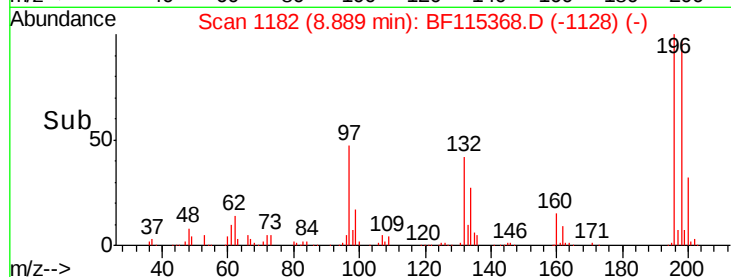
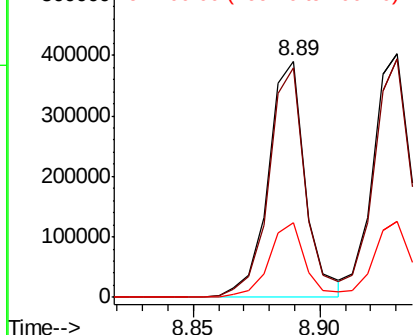
#43
 2,4,6-Trichlorophenol
 Concen: 40.861 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion:196 Resp: 397202
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 31.7 24.2 36.4



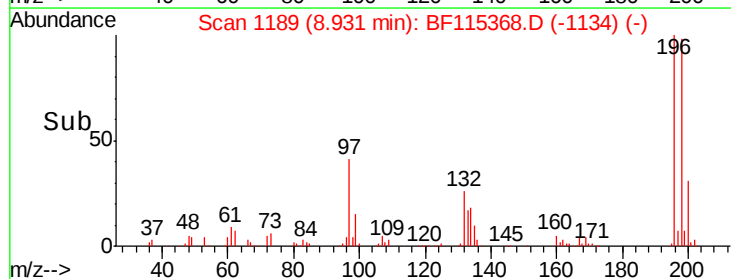
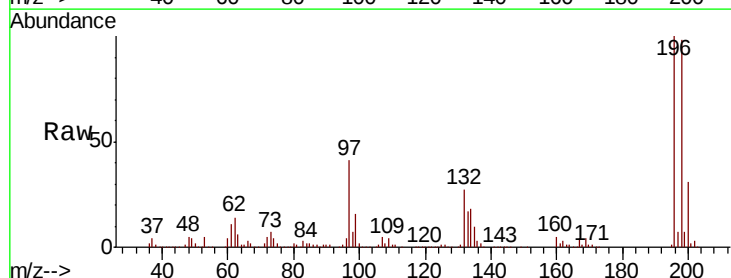
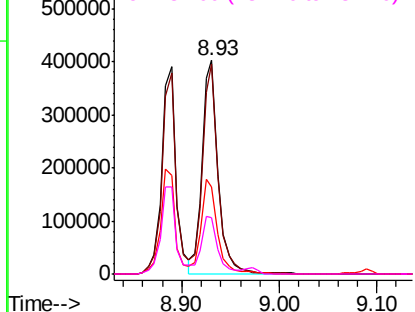
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

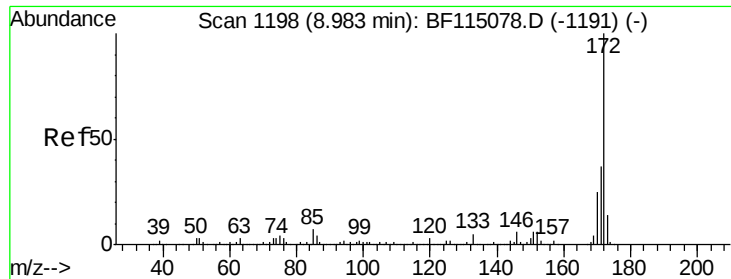


#44
 2,4,5-Trichlorophenol
 Concen: 45.420 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:196 Resp: 454683
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.1 115.7
 97 41.0 37.7 56.5
 132 26.6 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

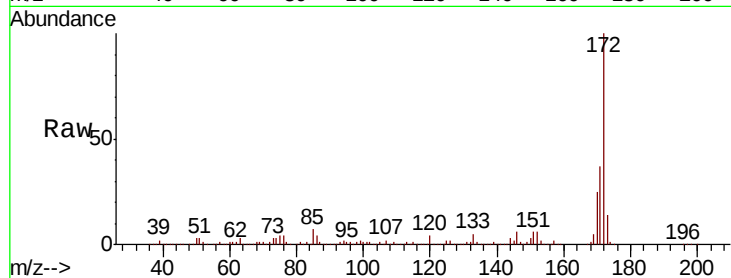




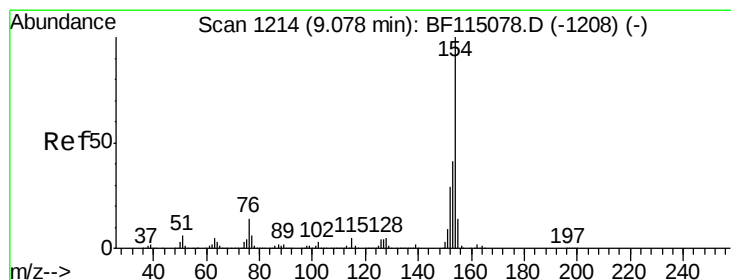
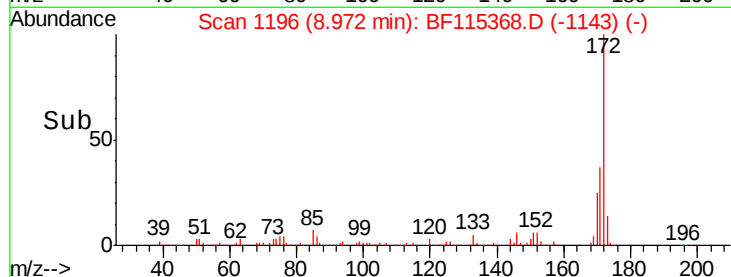
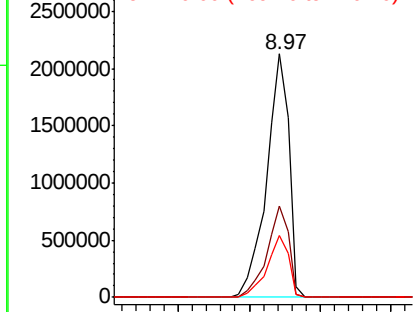
#45
 2-Fluorobiphenyl
 Concen: 90.089 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion:172 Resp: 2363169
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.4 20.3 30.5

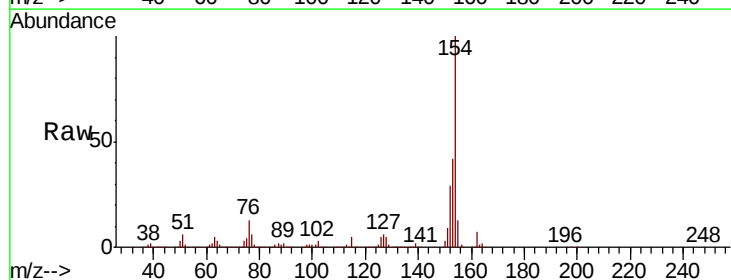


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

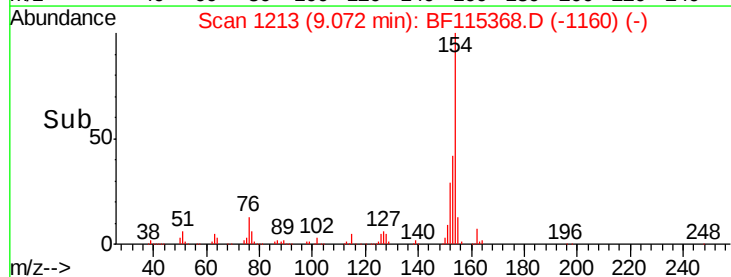
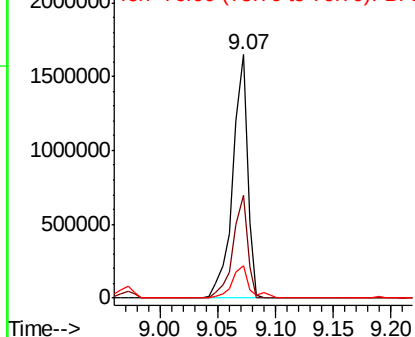


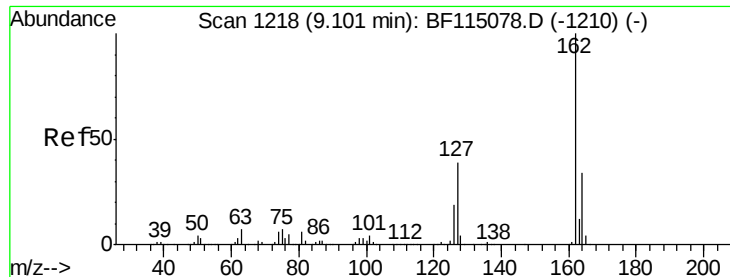
#46
 1,1'-Biphenyl
 Concen: 41.169 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:154 Resp: 1467753
 Ion Ratio Lower Upper
 154 100
 153 42.0 20.9 60.9
 76 13.1 0.0 34.1



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

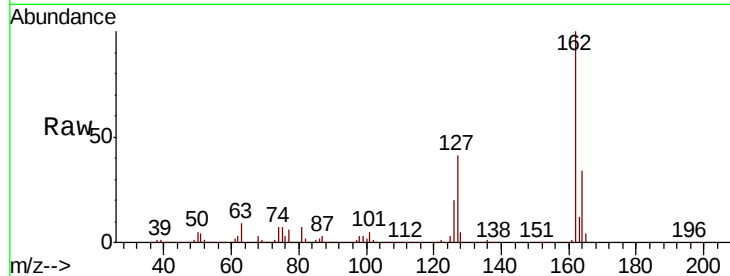




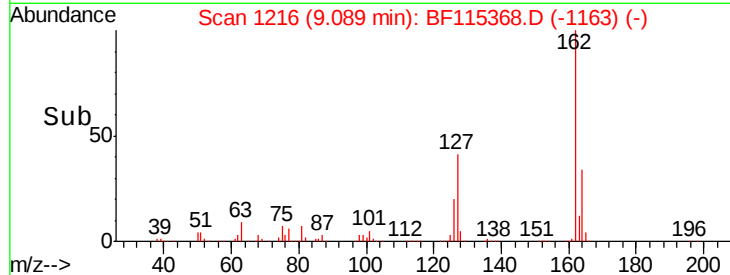
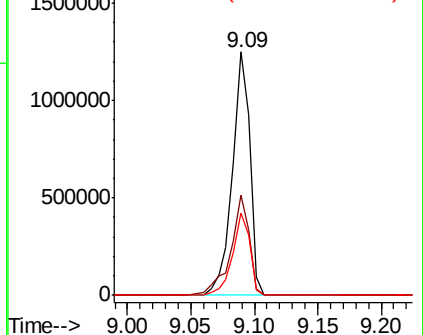
#47
 2-Chloronaphthalene
 Concen: 41.004 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion: 162 Resp: 1185804
 Ion Ratio Lower Upper
 162 100
 127 41.2 30.8 46.2
 164 33.8 27.0 40.4

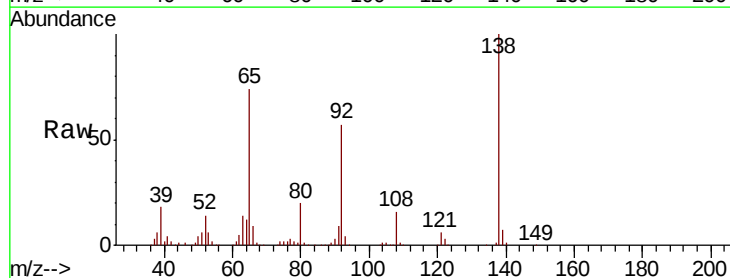


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

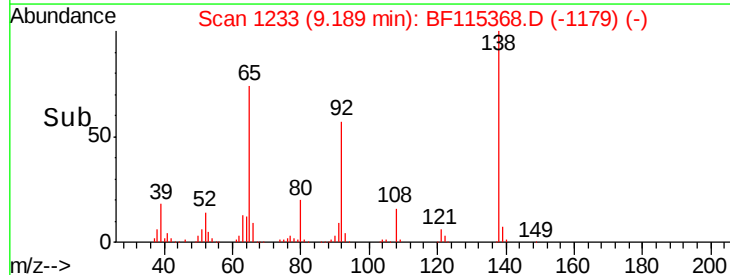
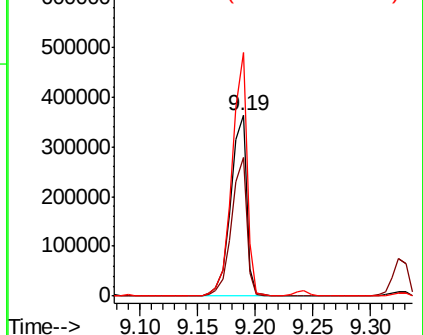


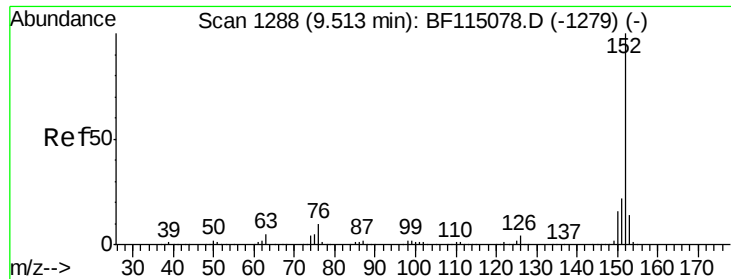
#48
 2-Nitroaniline
 Concen: 41.375 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion: 65 Resp: 348839
 Ion Ratio Lower Upper
 65 100
 92 76.4 57.4 86.2
 138 134.7 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: 41.175 ng

RT: 9.50 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

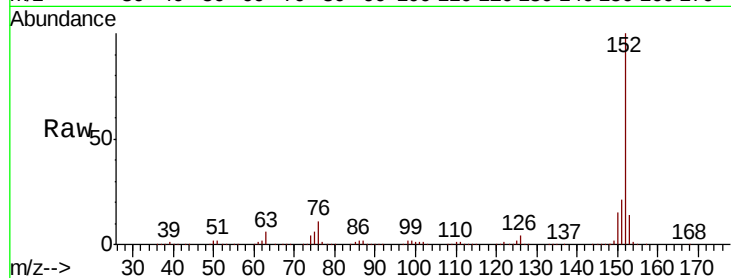
Tgt Ion:152 Resp: 1855257

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

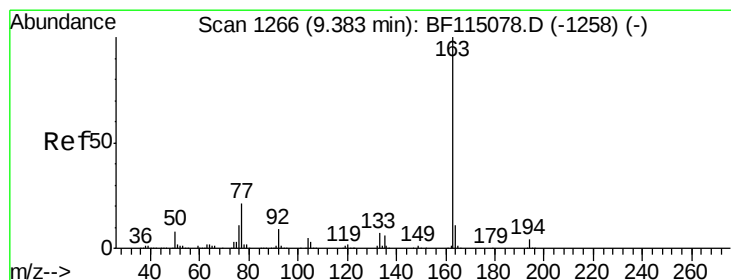
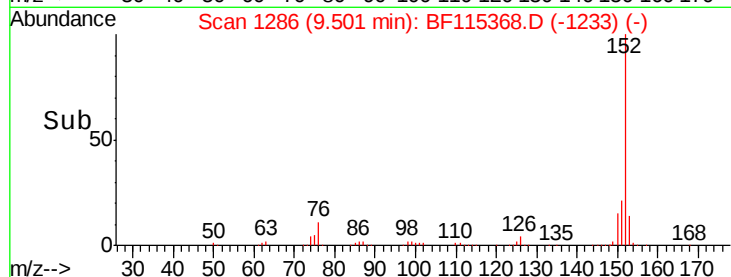
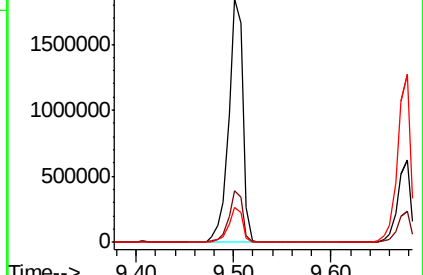
153 14.1 11.0 16.6



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: 43.101 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

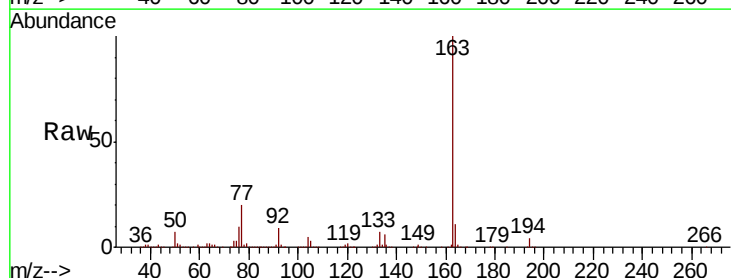
Tgt Ion:163 Resp: 1412920

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

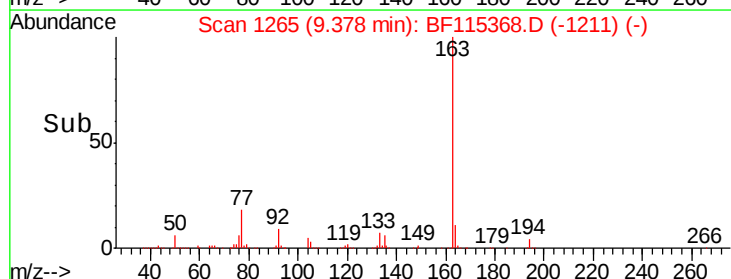
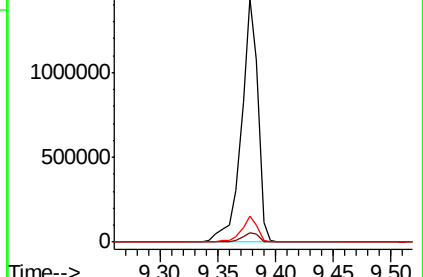
164 10.7 8.6 13.0

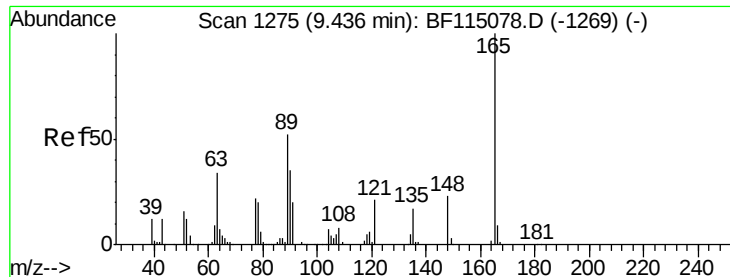


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

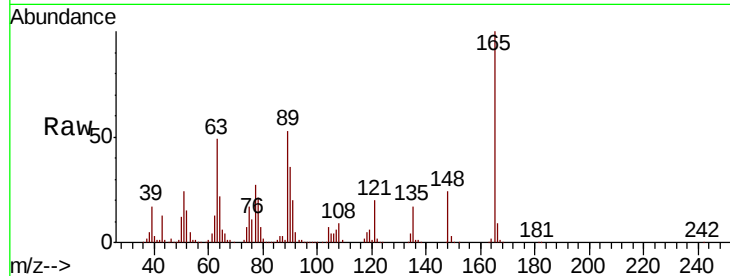




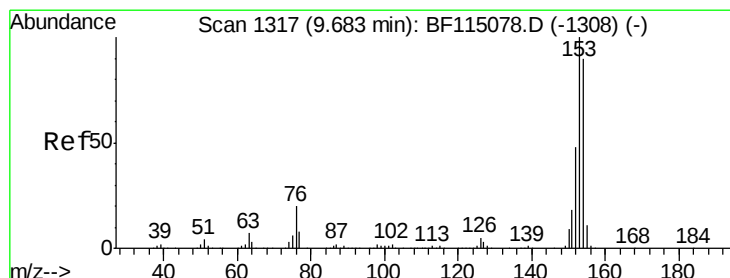
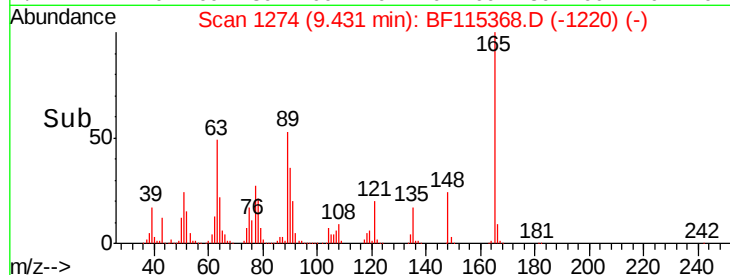
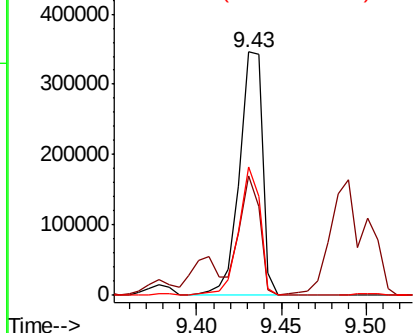
#51
 2,6-Dinitrotoluene
 Concen: 43.728 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion:165 Resp: 330951
 Ion Ratio Lower Upper
 165 100
 63 49.2 39.4 59.2
 89 52.8 42.0 63.0

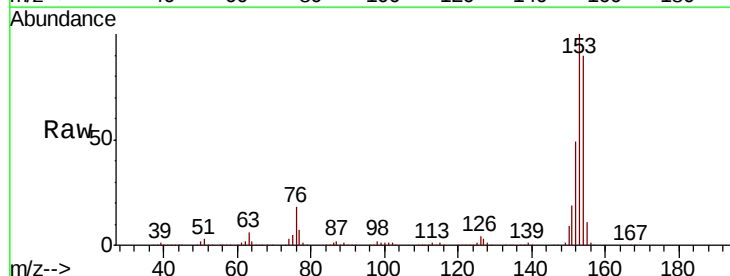


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

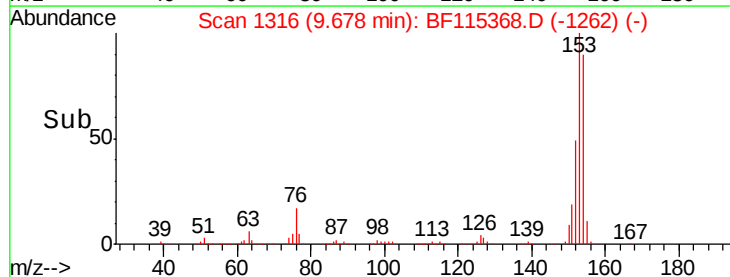
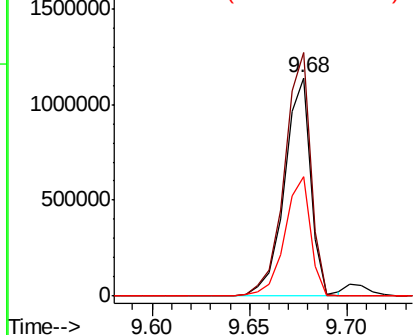


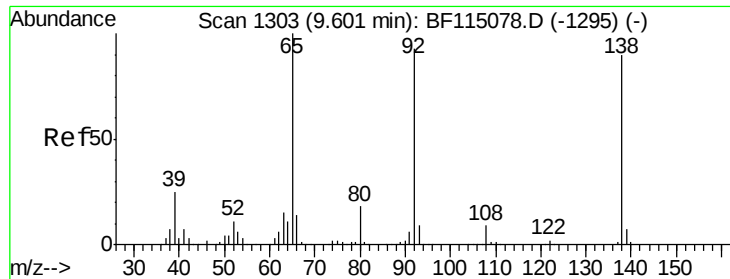
#52
 Acenaphthene
 Concen: 37.802 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:154 Resp: 1065824
 Ion Ratio Lower Upper
 154 100
 153 111.6 88.7 133.1
 152 54.8 42.6 64.0



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





#53

3-Nitroaniline

Concen: 11.780 ng

RT: 9.59 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

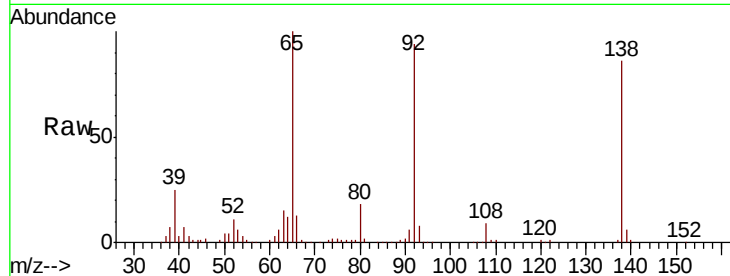
Tgt Ion:138 Resp: 108798

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

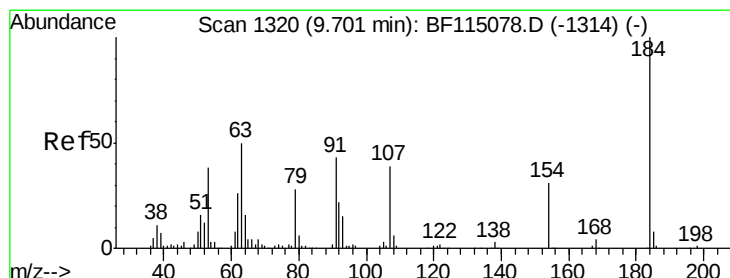
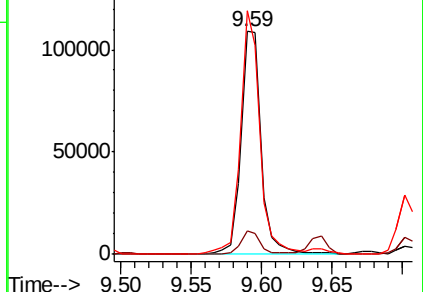
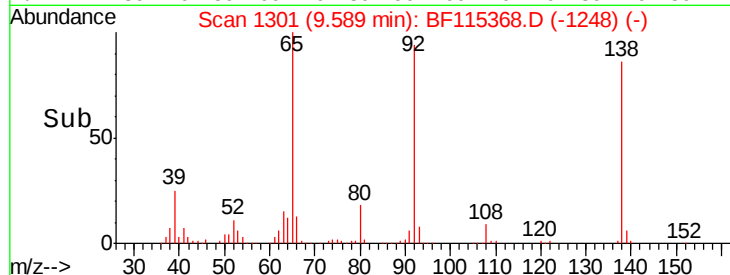
92 109.4 82.9 124.3



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: 33.970 ng

RT: 9.70 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

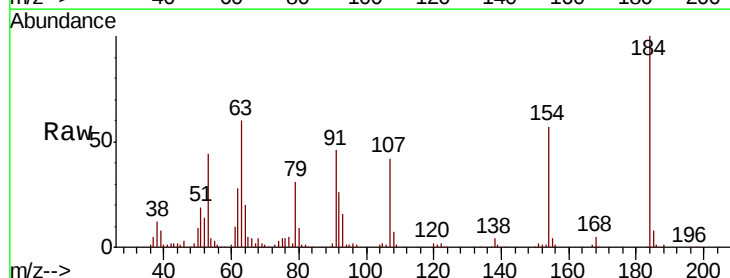
Tgt Ion:184 Resp: 114175

Ion Ratio Lower Upper

184 100

63 60.5 41.9 62.9

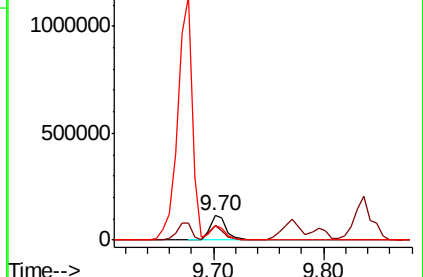
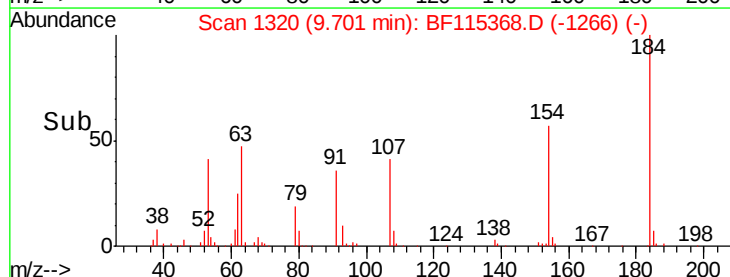
154 57.3 44.7 67.1

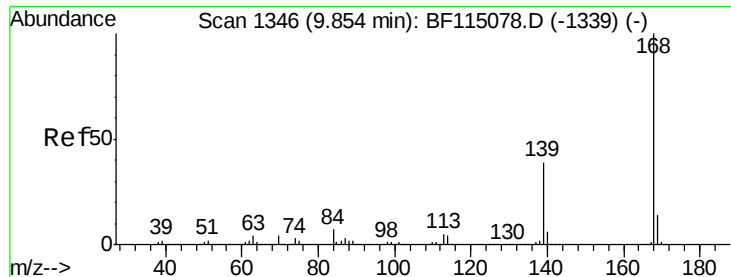


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

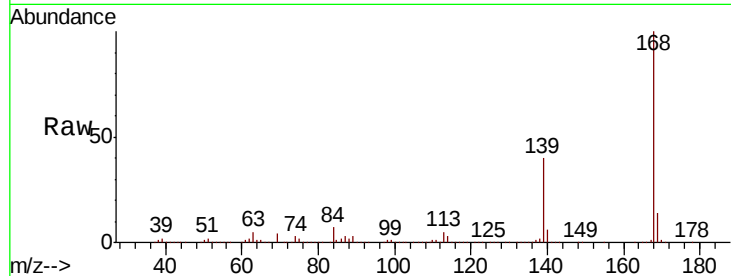




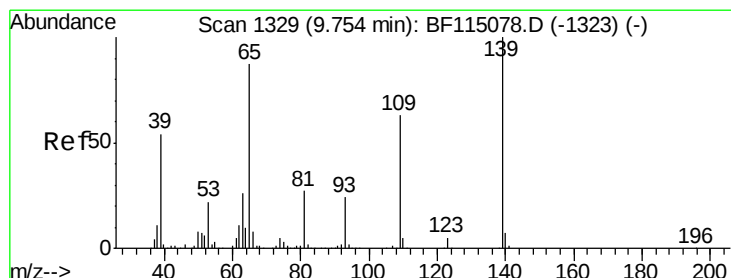
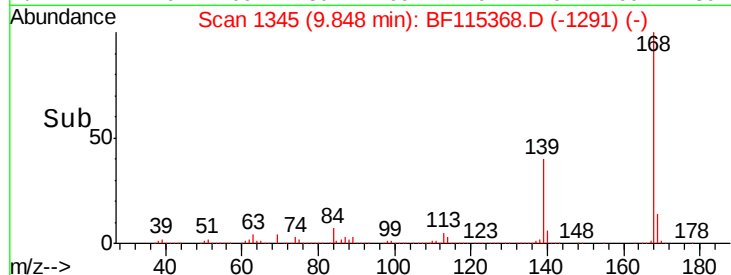
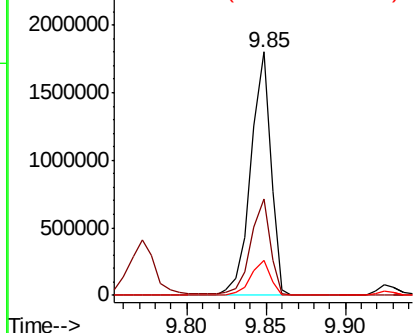
#55
Dibenzofuran
Concen: 39.128 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion:168 Resp: 1583381
Ion Ratio Lower Upper
168 100
139 39.6 31.1 46.7
169 14.1 11.3 16.9

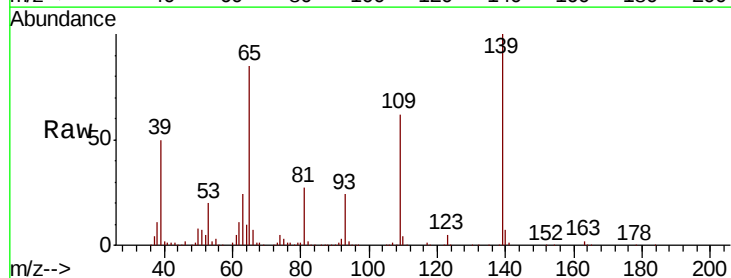


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

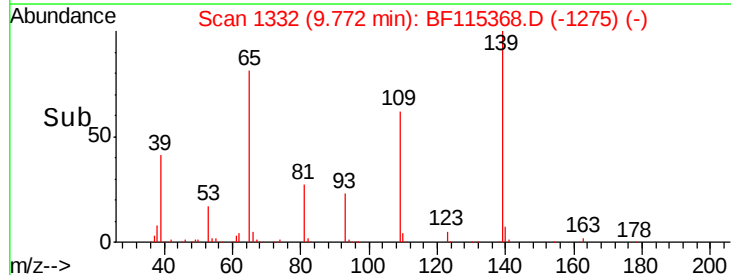
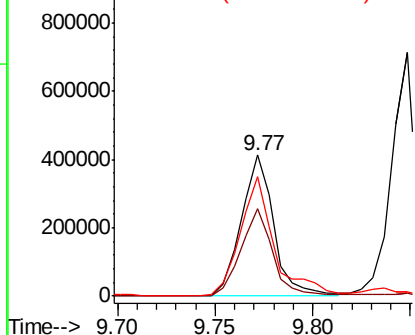


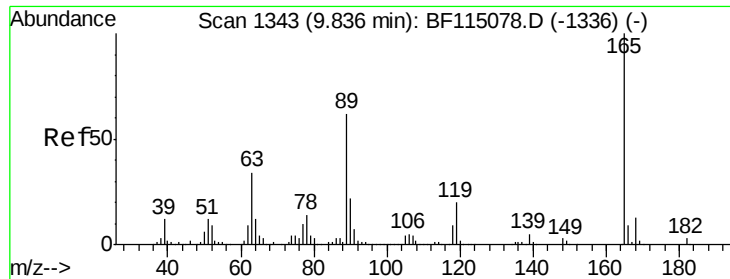
#56
4-Nitrophenol
Concen: 64.686 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.04 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:139 Resp: 478962
Ion Ratio Lower Upper
139 100
109 62.4 43.0 83.0
65 84.5 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

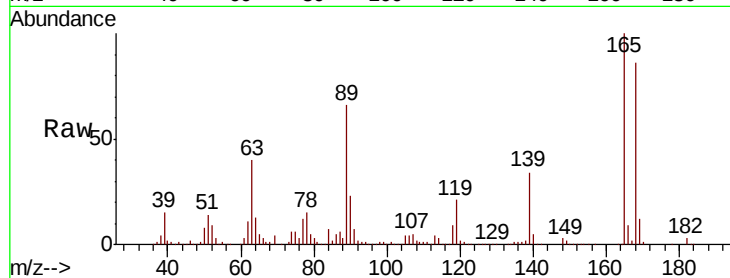




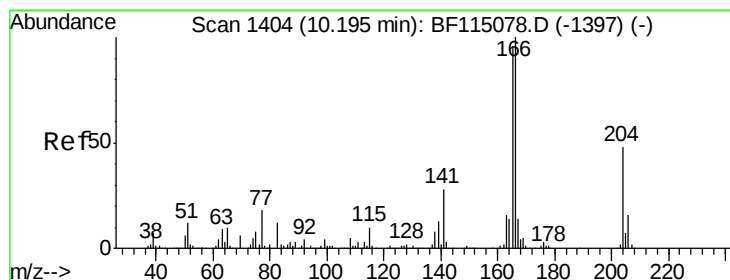
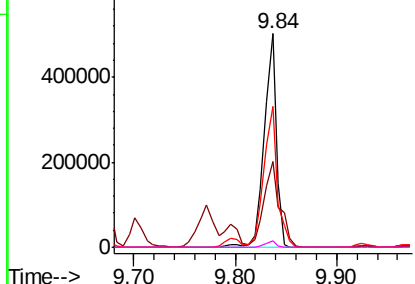
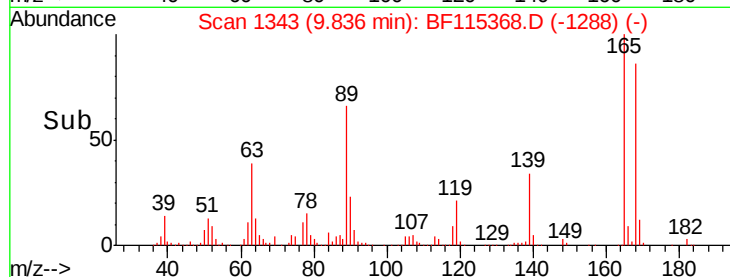
#57
2,4-Dinitrotoluene
Concen: 43.366 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion:	165	Resp:	423788
Ion	Ratio	Lower	Upper
165	100		
63	40.4	27.5	41.3
89	65.9	49.9	74.9
182	2.8	2.1	3.1

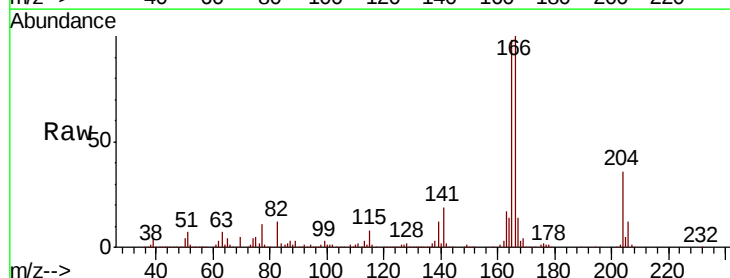


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

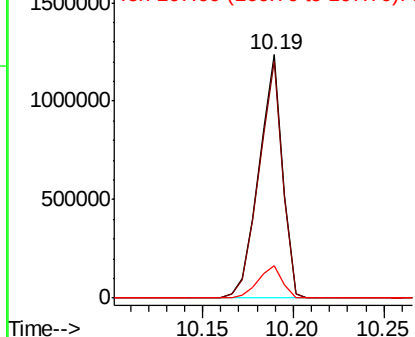
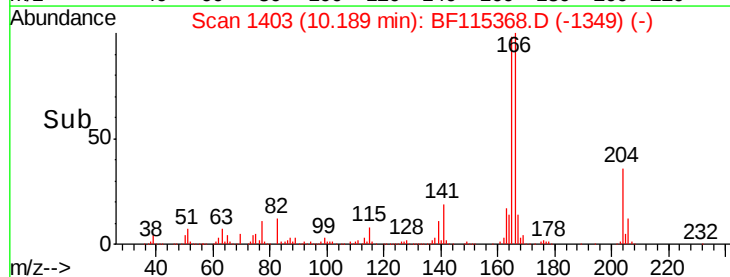


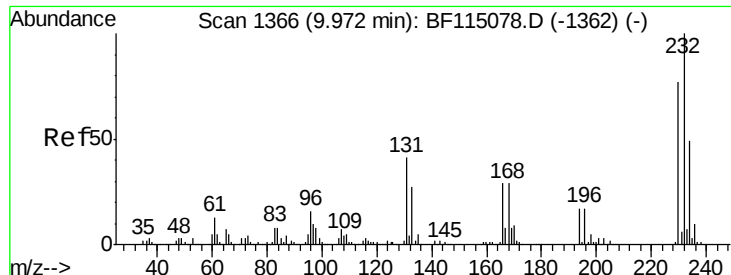
#58
Fluorene
Concen: 41.159 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:	166	Resp:	1124092
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.5	114.7
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

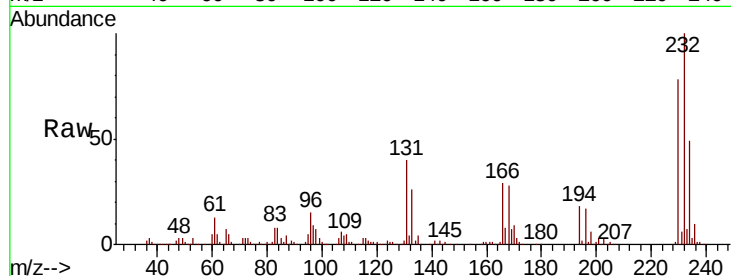




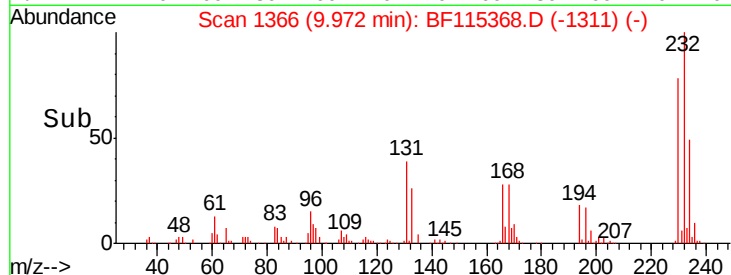
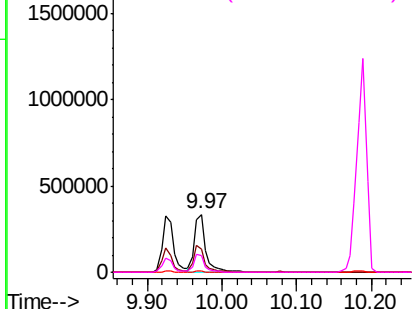
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.765 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion:	232	Resp:	358977
Ion	Ratio	Lower	Upper
232	100		
131	44.2	37.4	56.0
130	2.1	1.8	2.6
166	29.9	24.6	36.8

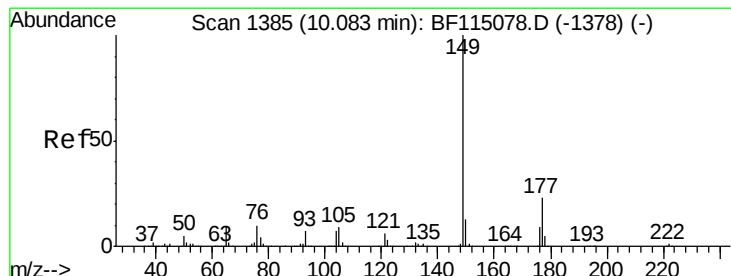


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

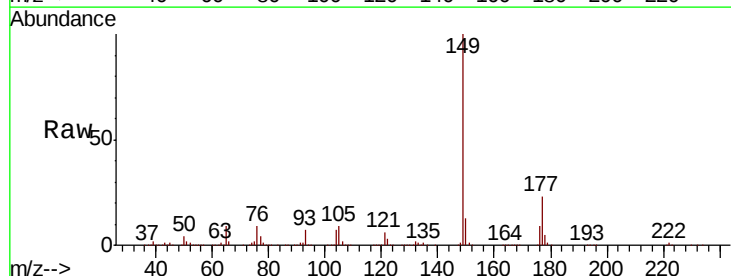
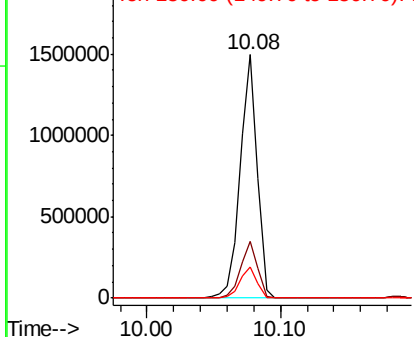


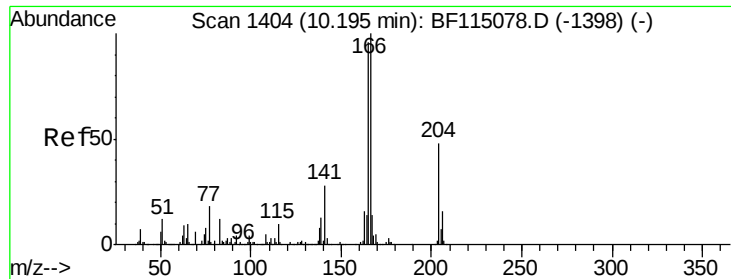
#60
Diethylphthalate
Concen: 40.287 ng
RT: 10.08 min Scan# 1384
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:	149	Resp:	1327549
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	12.9	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

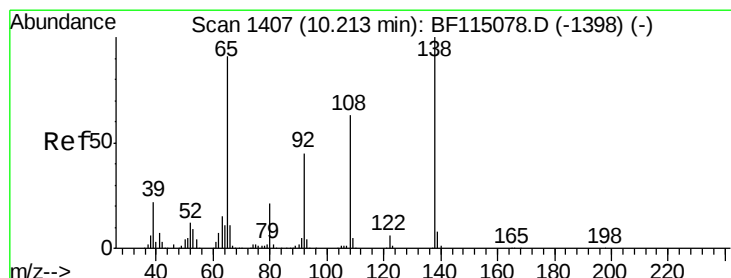
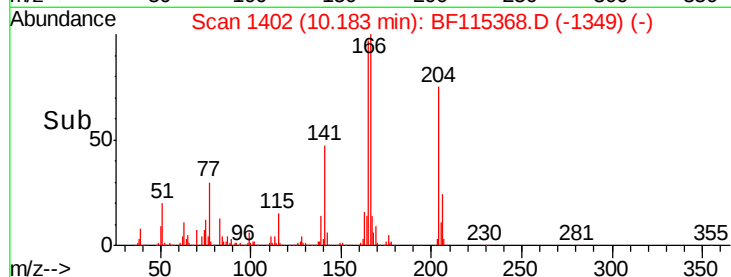
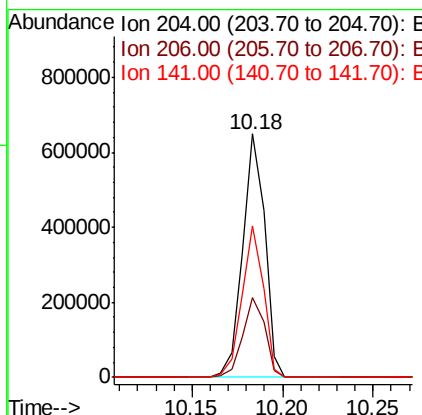
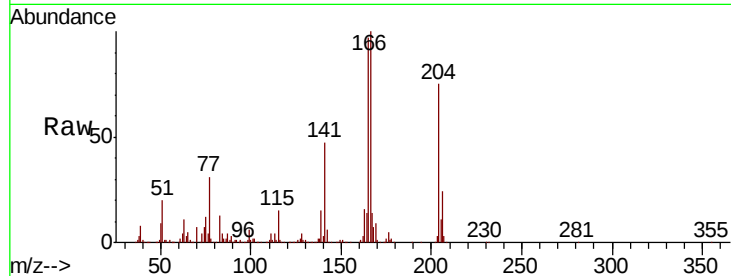




#61
 4-Chlorophenyl-phenylether
 Concen: 42.759 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

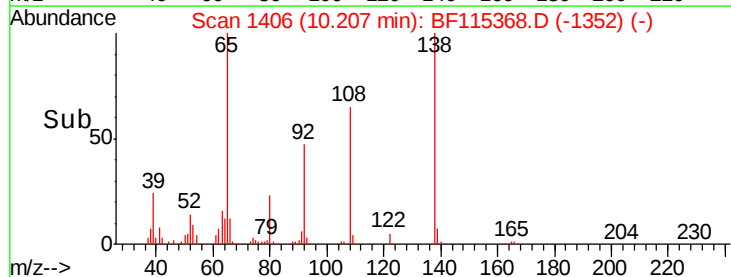
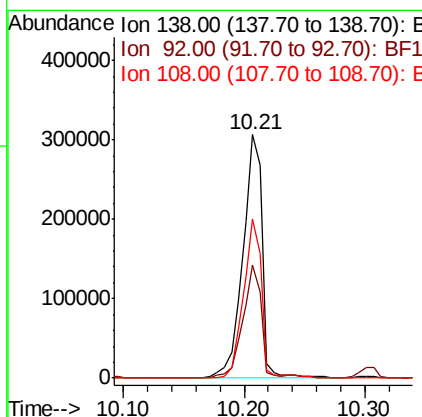
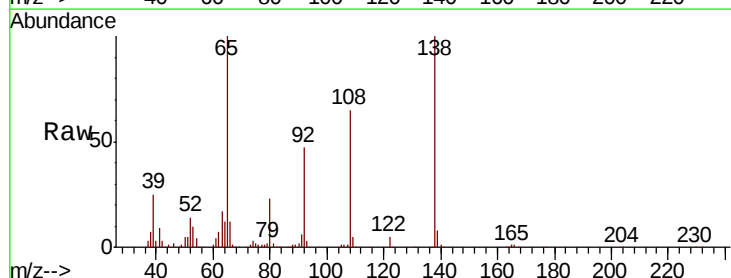
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion:204 Resp: 551812
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 62.2 46.7 70.1



#62
 4-Nitroaniline
 Concen: 37.061 ng
 RT: 10.21 min Scan# 1406
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:138 Resp: 343381
 Ion Ratio Lower Upper
 138 100
 92 46.6 24.8 64.8
 108 65.1 43.3 83.3

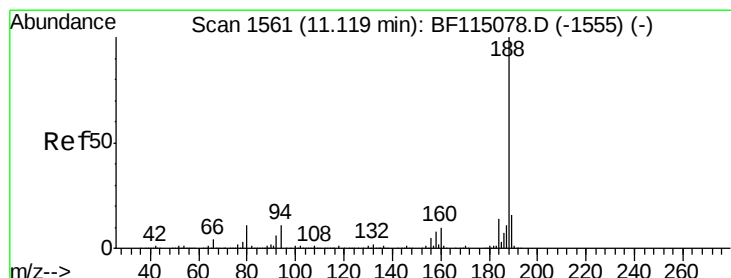
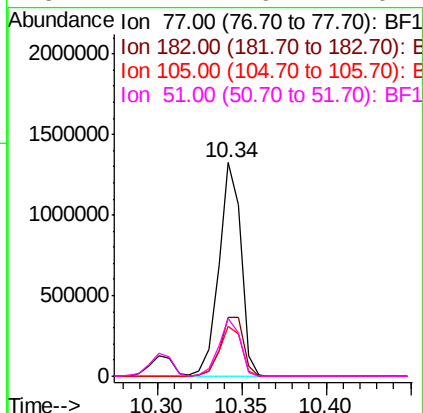
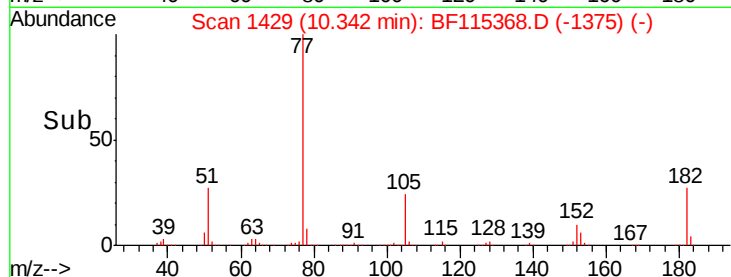
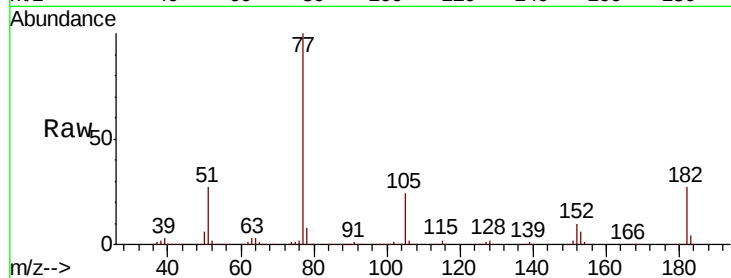




#63
Azobenzene
Concen: 39.166 ng
RT: 10.34 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

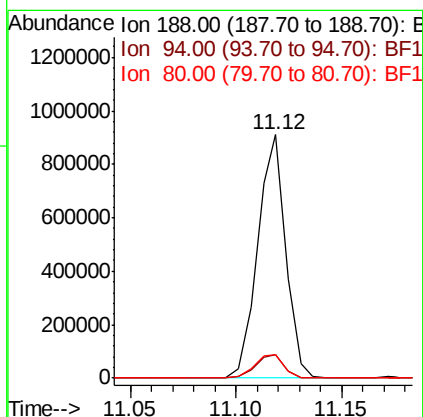
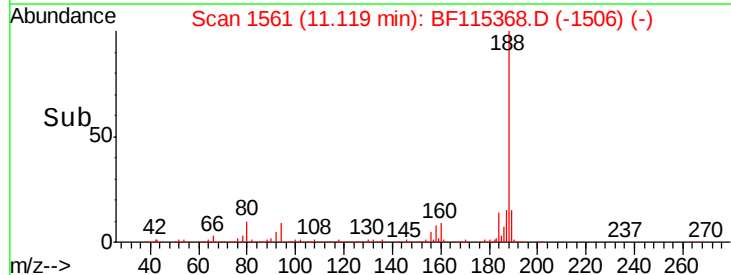
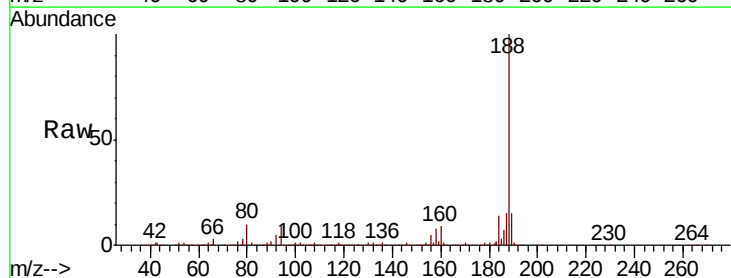
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion: 77 Resp: 1205486
Ion Ratio Lower Upper
77 100
182 27.4 10.1 50.1
105 23.6 4.5 44.5
51 27.1 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion: 188 Resp: 839891
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 9.5 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 27.254 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

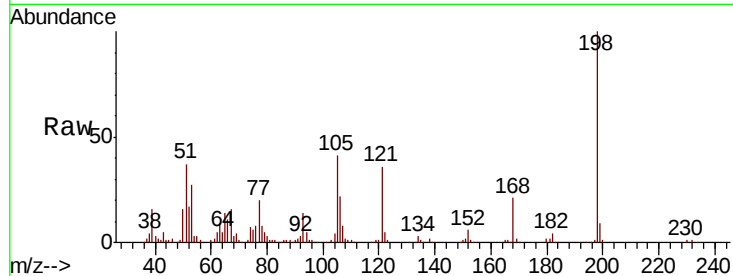
Tgt Ion:198 Resp: 111113

Ion Ratio Lower Upper

198 100

51 36.7 11.0 51.0

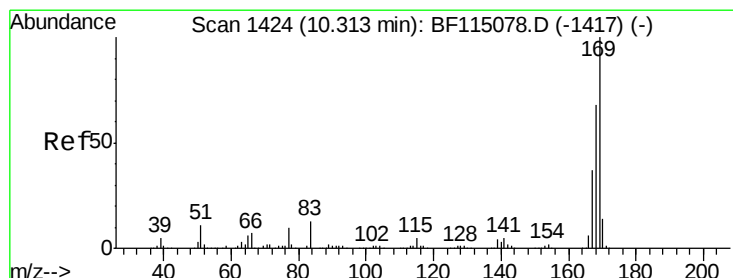
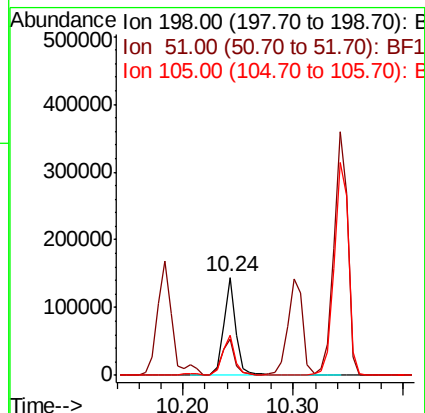
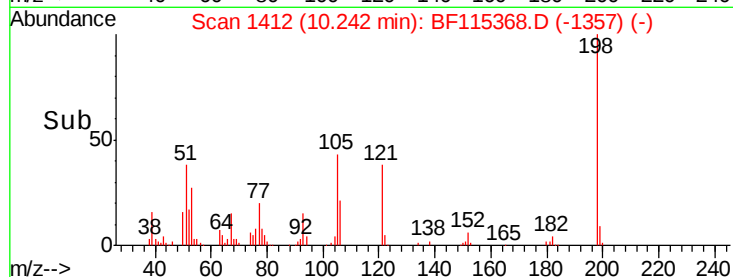
105 40.6 17.3 57.3



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: 42.561 ng

RT: 10.31 min Scan# 1423

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

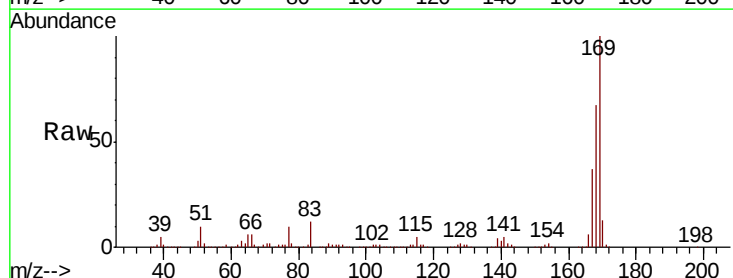
Tgt Ion:169 Resp: 1113685

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.4

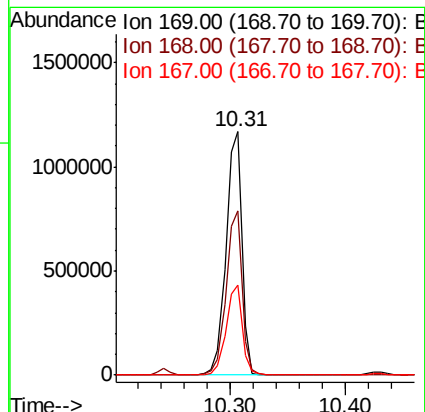
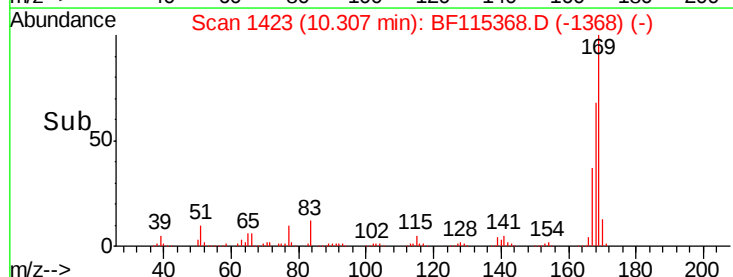
167 37.2 29.4 44.0

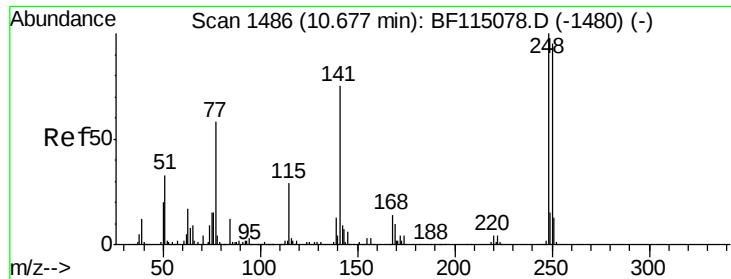


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

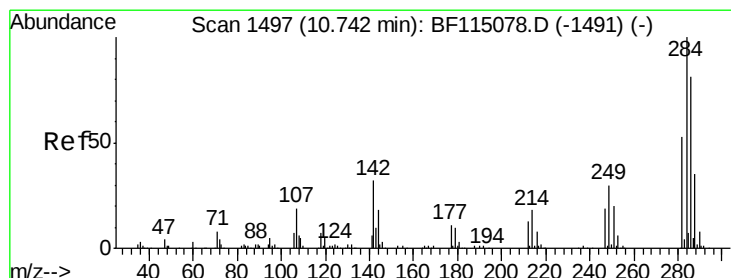
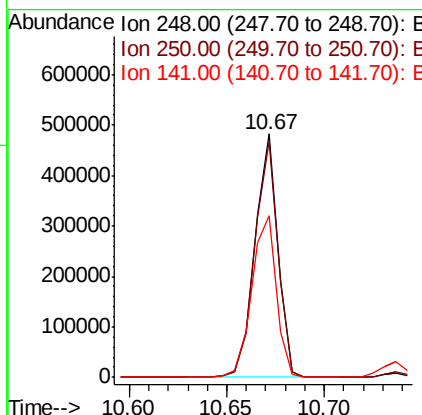
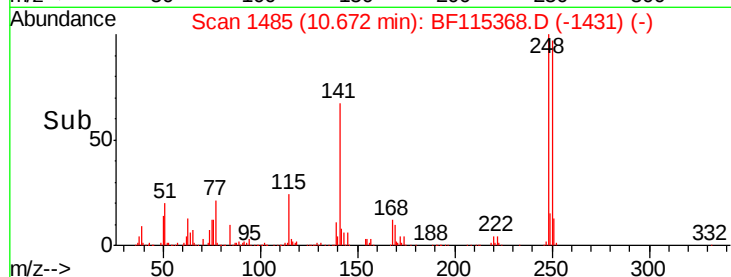
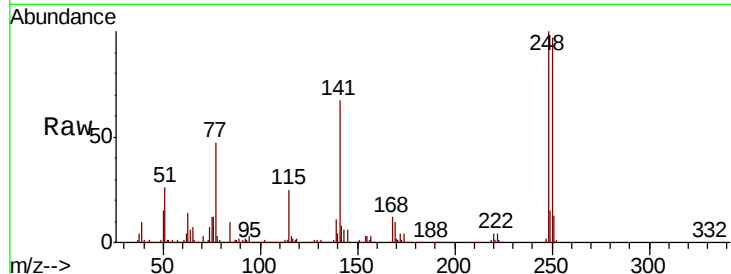




#67
 4-Bromophenyl-phenylether
 Concen: 43.120 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

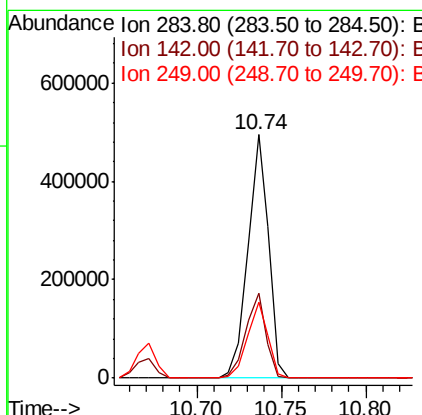
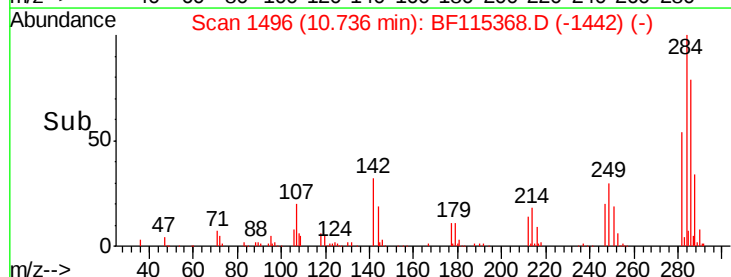
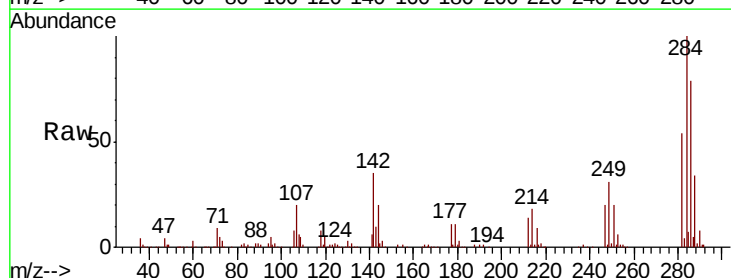
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

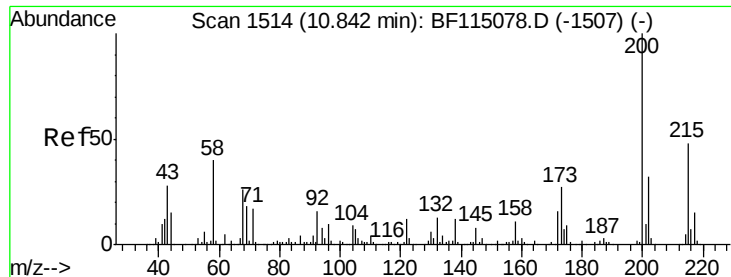
Tgt Ion:	248	Resp:	392659
Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.2	114.2
141	66.7	59.6	89.4



#68
 Hexachlorobenzene
 Concen: 42.781 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:	284	Resp:	422856
Ion	Ratio	Lower	Upper
284	100		
142	34.6	25.8	38.8
249	31.1	24.2	36.4

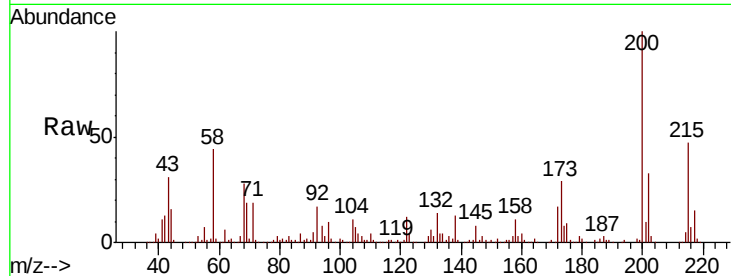




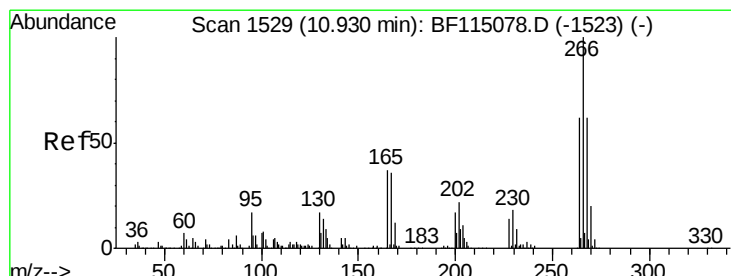
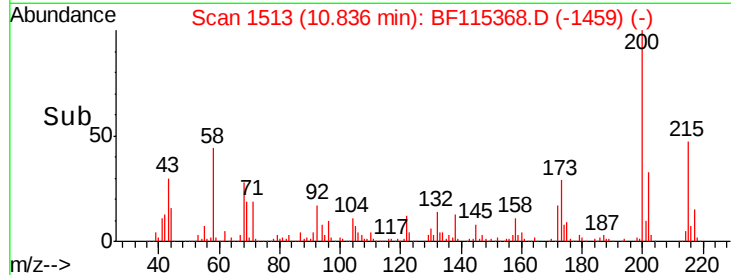
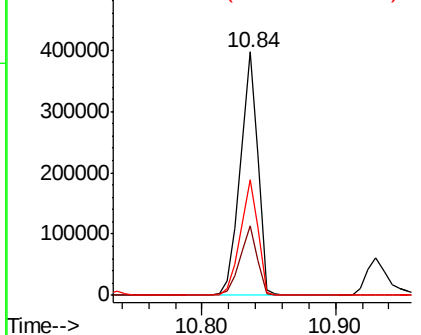
#69
 Atrazine
 Concen: 43.472 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion: 200 Resp: 365916
 Ion Ratio Lower Upper
 200 100
 173 28.5 7.4 47.4
 215 47.4 27.8 67.8

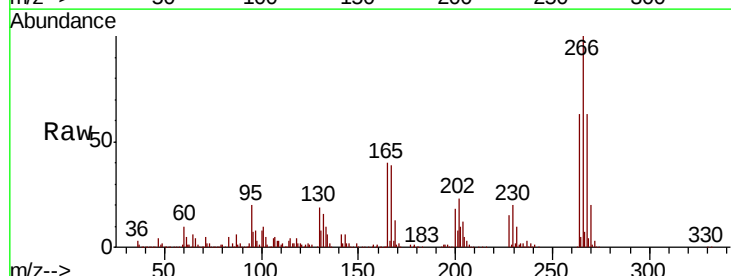


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

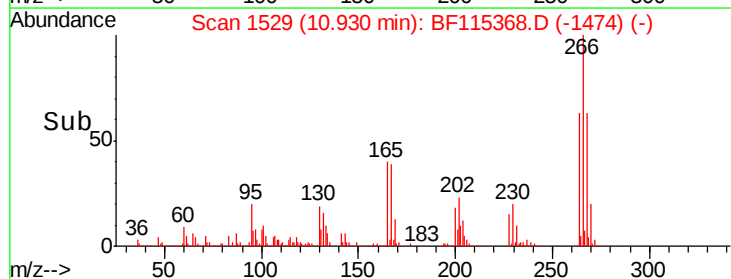
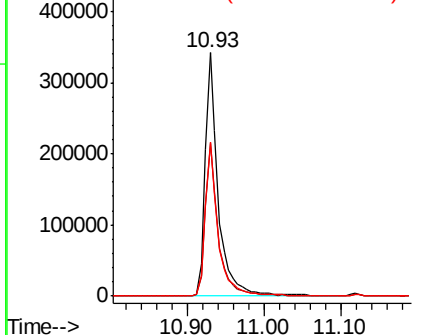


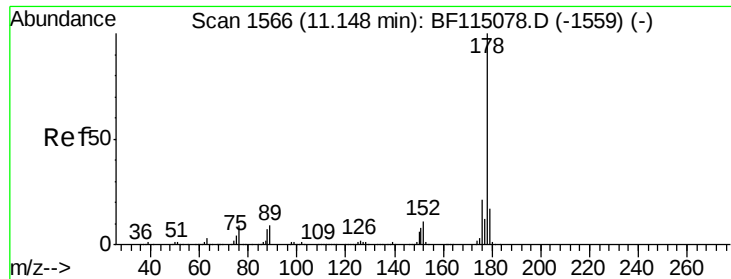
#70
 Pentachlorophenol
 Concen: 63.984 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion: 266 Resp: 402902
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.5 74.3
 264 63.1 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: 39.916 ng

RT: 11.14 min Scan# 1565

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

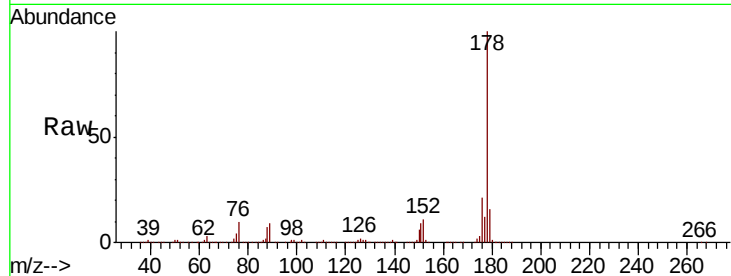
Tgt Ion:178 Resp: 1805046

Ion Ratio Lower Upper

178 100

176 20.9 16.9 25.3

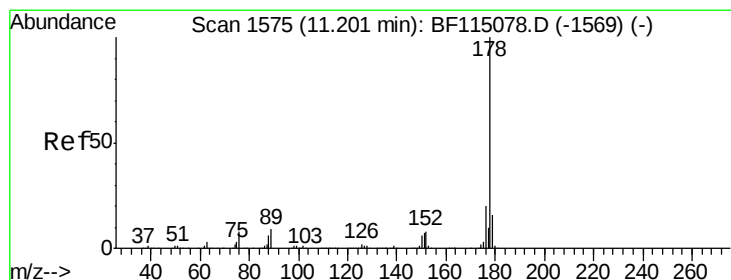
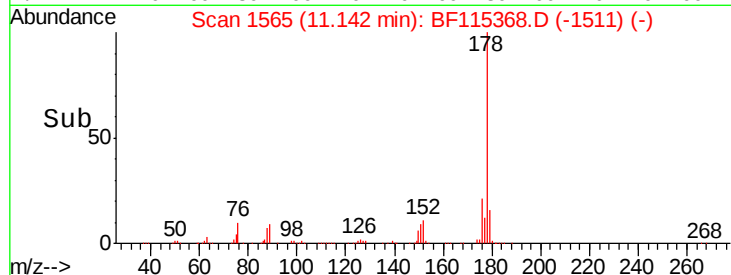
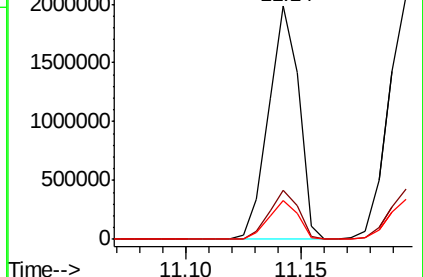
179 16.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.667 ng

RT: 11.20 min Scan# 1574

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

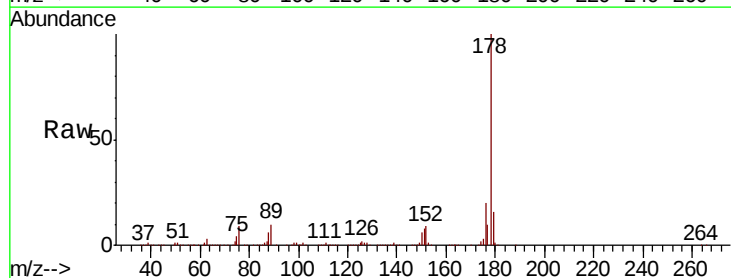
Tgt Ion:178 Resp: 1856321

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

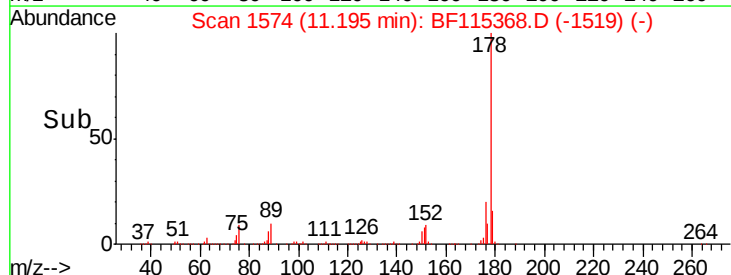
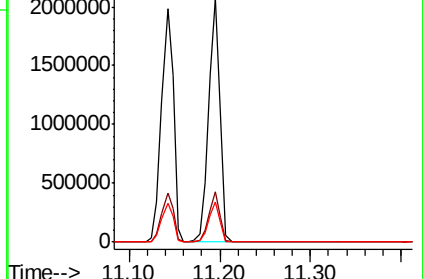
179 16.5 12.9 19.3

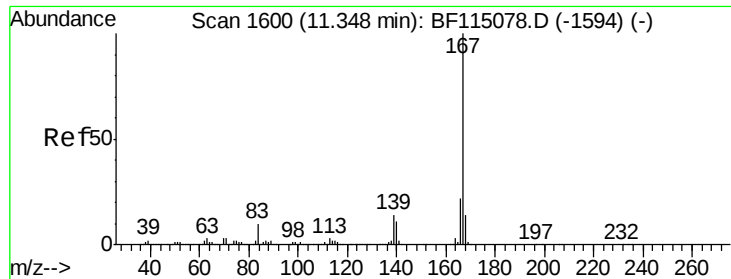


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

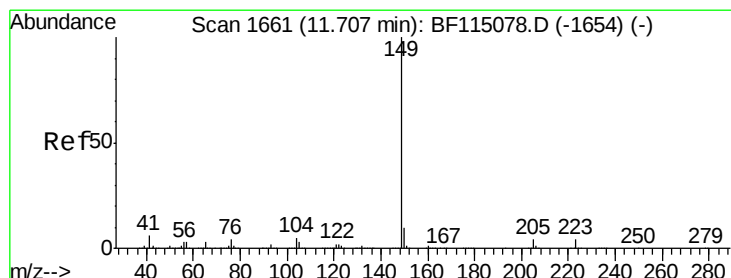
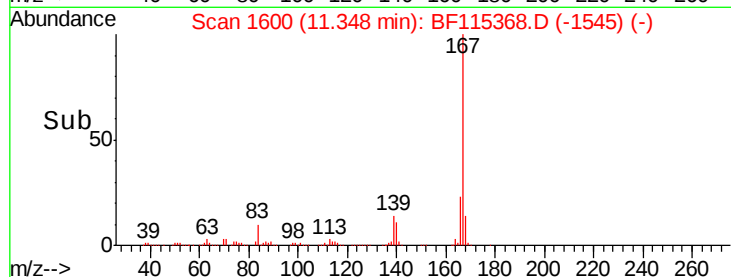
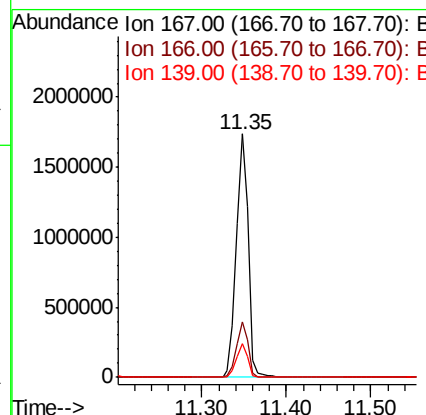
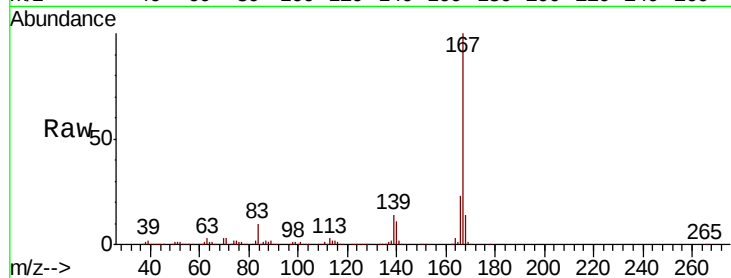




#73
 Carbazole
 Concen: 40.806 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

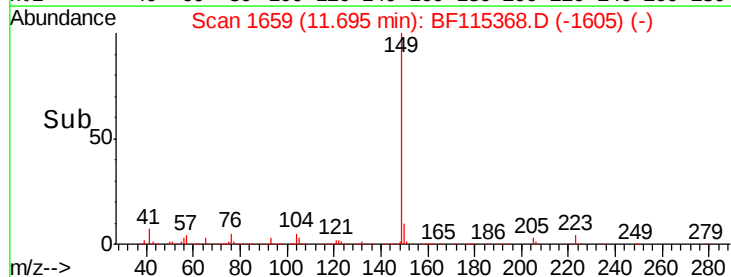
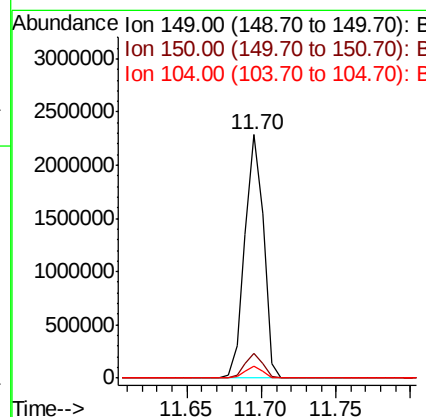
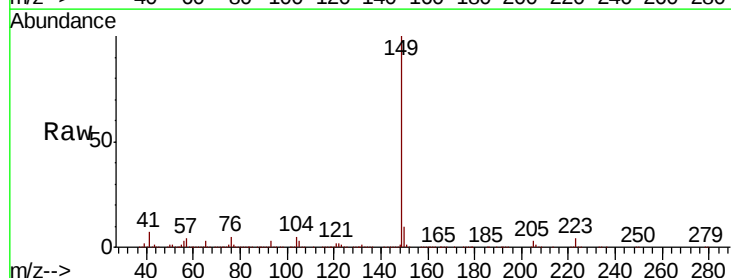
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

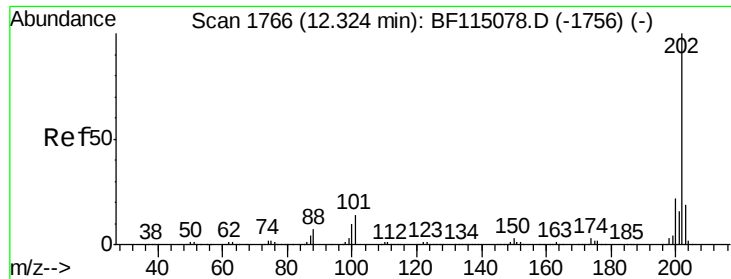
Tgt Ion:167 Resp: 1663315
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.0 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 42.580 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion:149 Resp: 2005602
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.9 3.7 5.5

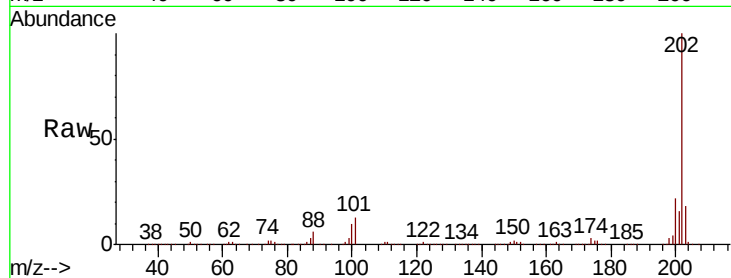




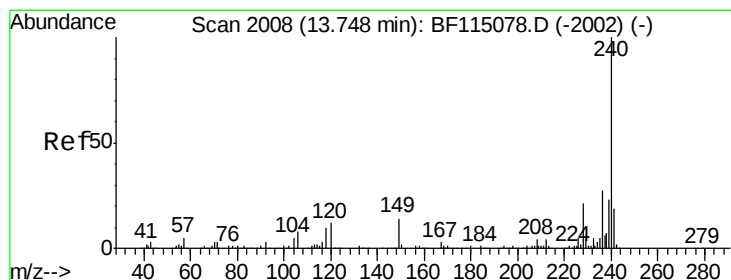
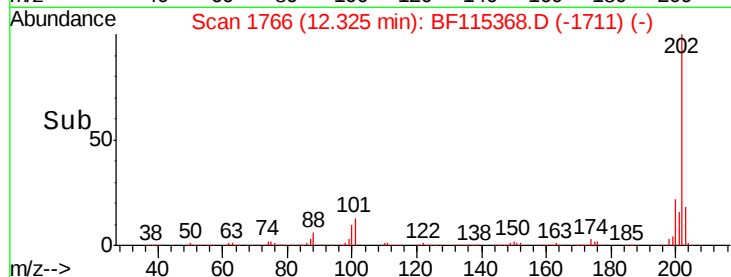
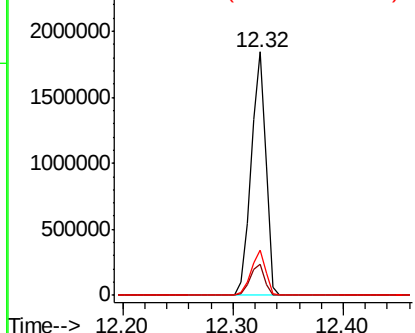
#75
 Fluoranthene
 Concen: 38.254 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tgt Ion: 202 Resp: 1725958
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 34.0
 203 18.4 0.0 38.8

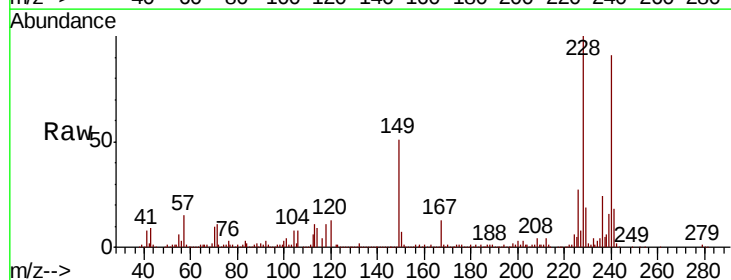


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

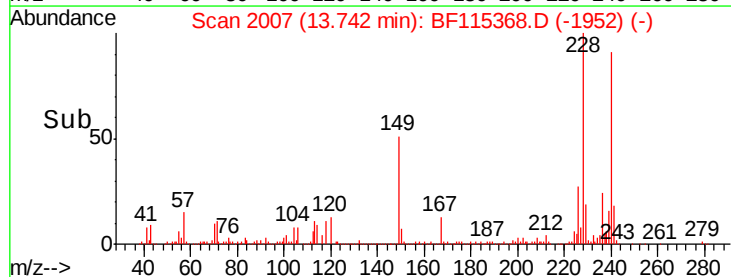
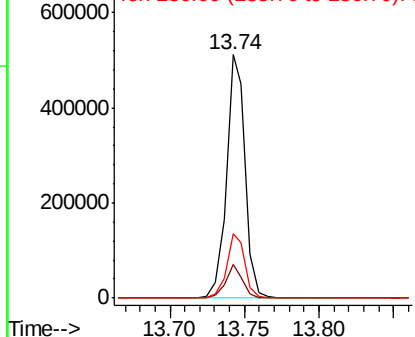


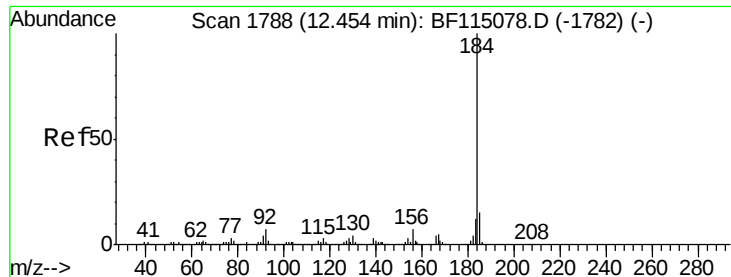
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion: 240 Resp: 449200
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.4 14.2
 236 26.5 21.7 32.5



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





#77

Benzidine

Concen: 12.431 ng

RT: 12.45 min Scan# 1787

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

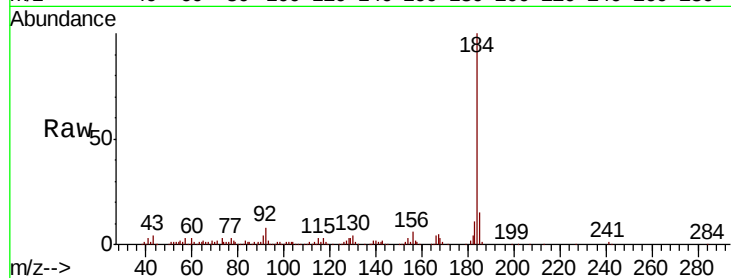
Tgt Ion:184 Resp: 247952

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

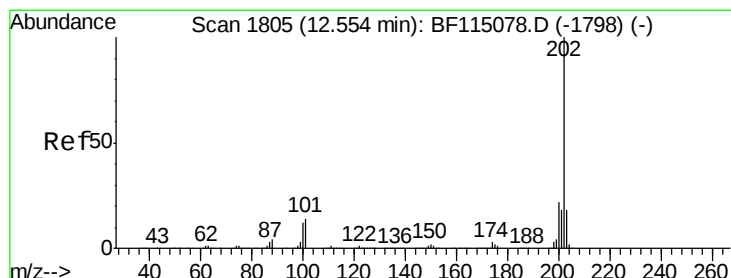
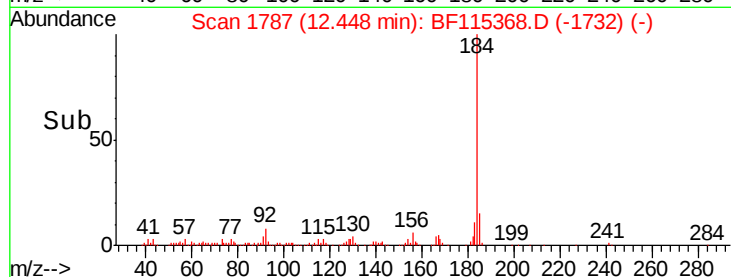
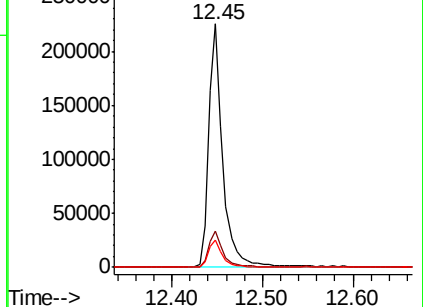
183 11.4 9.6 14.4



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: 49.457 ng

RT: 12.55 min Scan# 1804

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

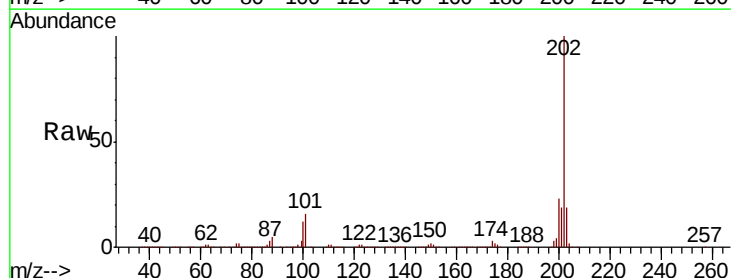
Tgt Ion:202 Resp: 1707307

Ion Ratio Lower Upper

202 100

200 22.7 17.9 26.9

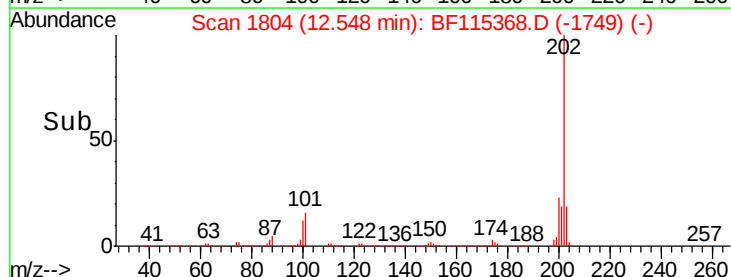
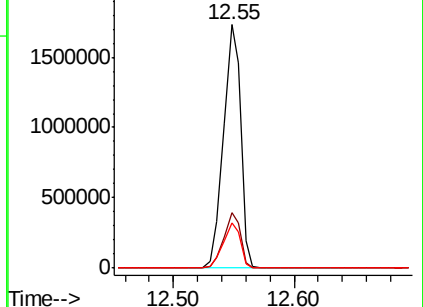
203 18.6 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.759 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

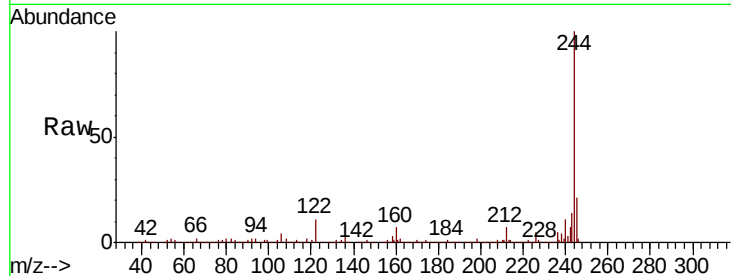
Tgt Ion:244 Resp: 2234400

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

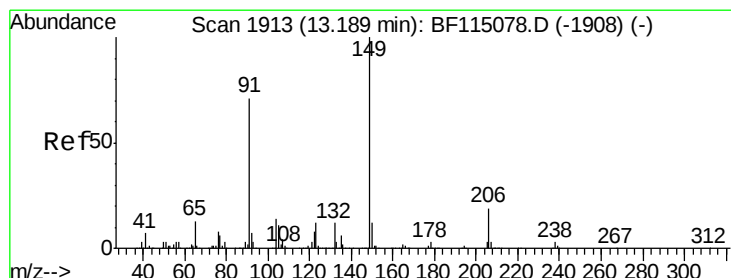
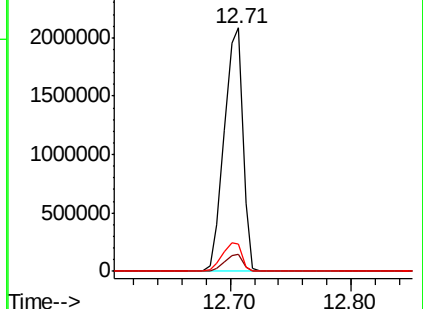
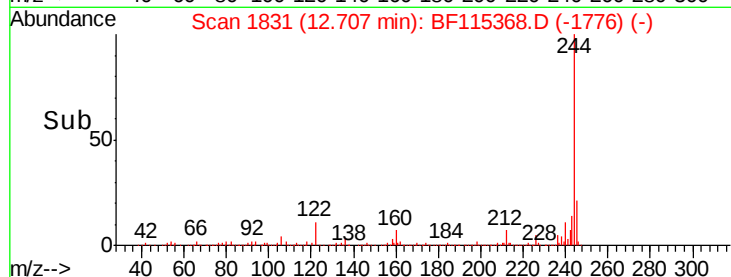
122 11.3 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.912 ng

RT: 13.18 min Scan# 1912

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

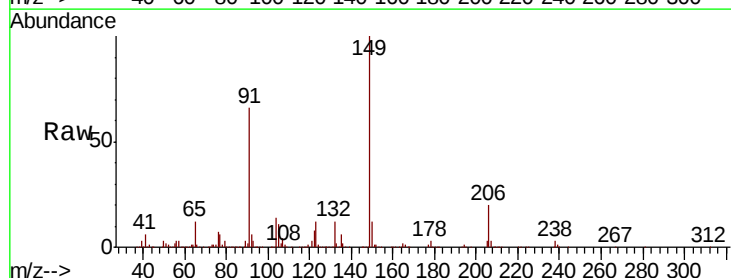
Tgt Ion:149 Resp: 760385

Ion Ratio Lower Upper

149 100

91 66.2 56.5 84.7

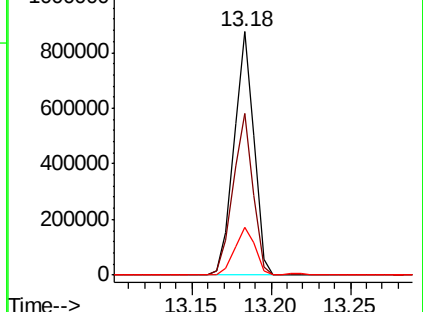
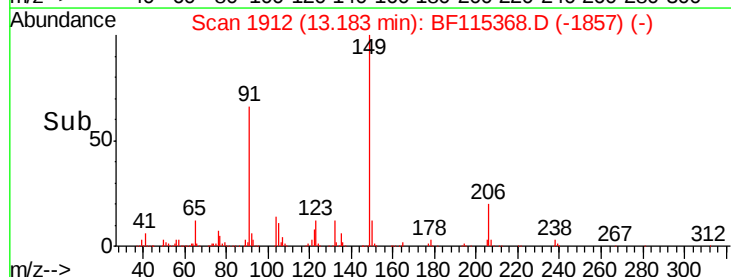
206 19.9 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.596 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.03 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

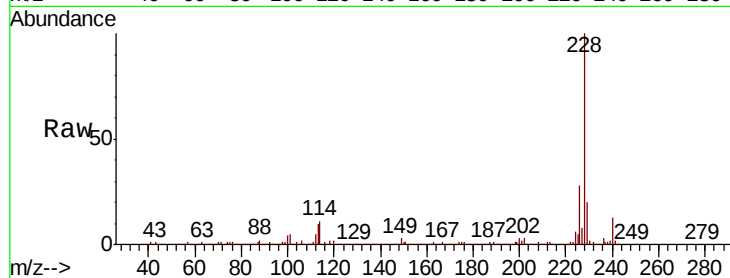
Tgt Ion:228 Resp: 1372946

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

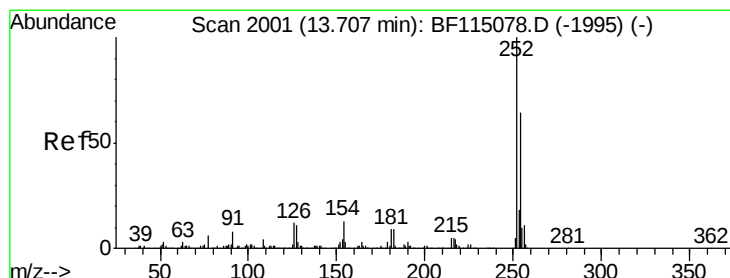
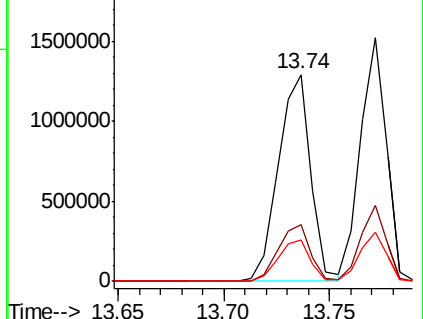
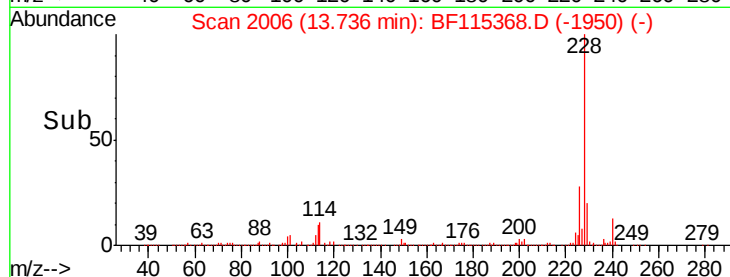
229 20.3 16.6 24.8



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: 14.505 ng

RT: 13.70 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

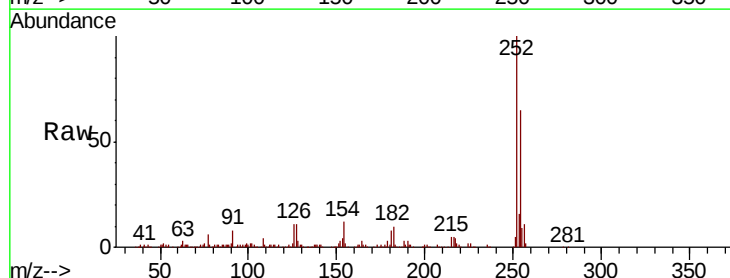
Tgt Ion:252 Resp: 168833

Ion Ratio Lower Upper

252 100

254 64.9 51.1 76.7

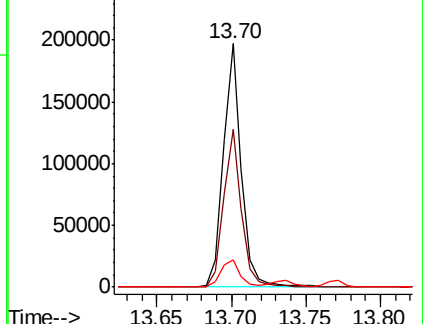
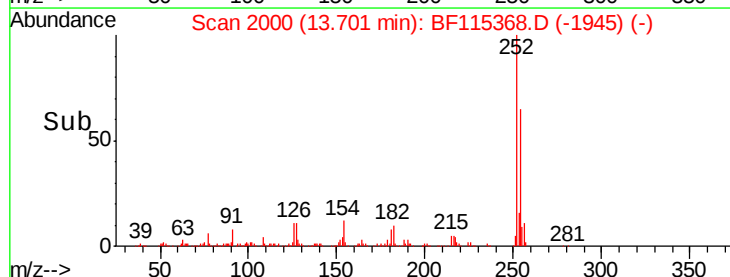
126 11.3 9.4 14.0

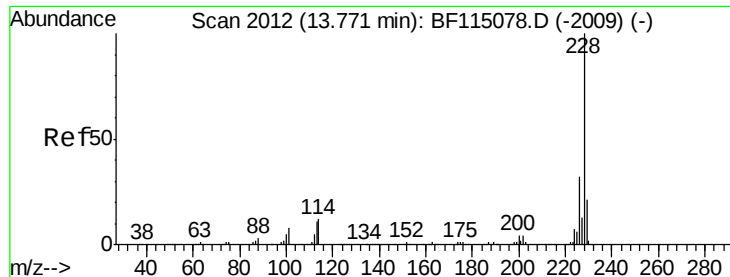


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.350 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.03 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

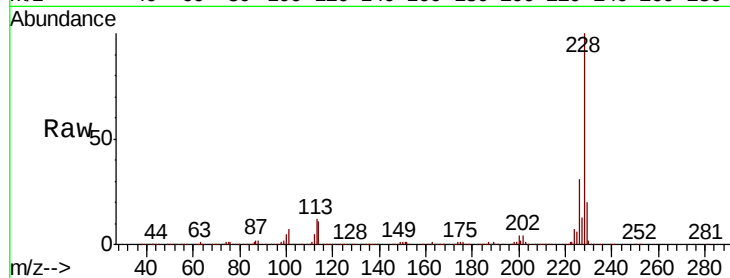
Tgt Ion:228 Resp: 1309427

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

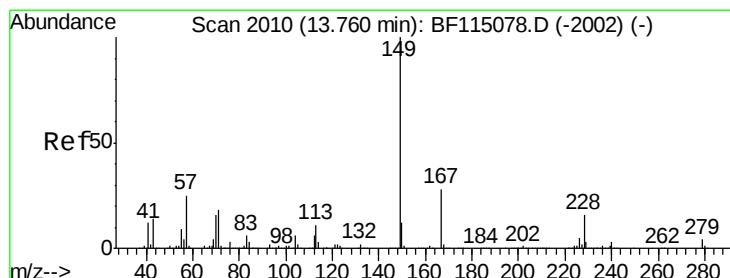
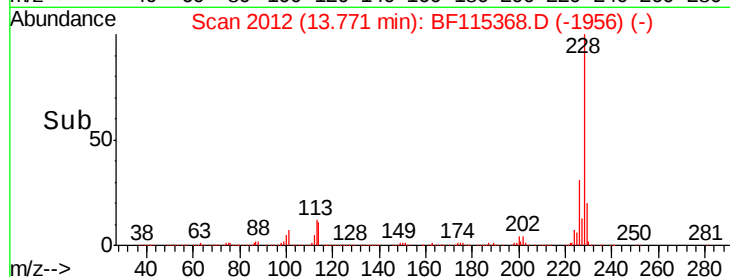
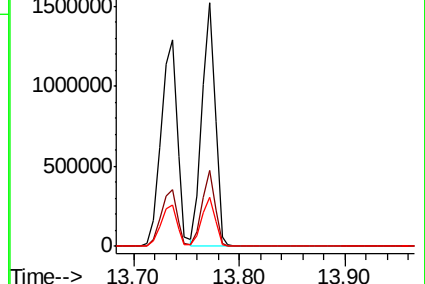
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.978 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

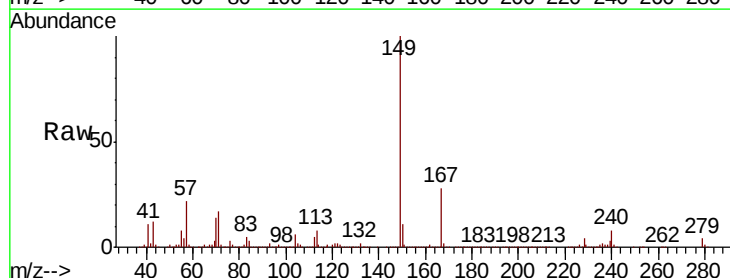
Tgt Ion:149 Resp: 997668

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

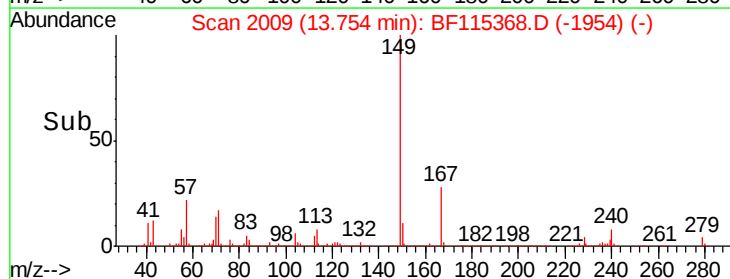
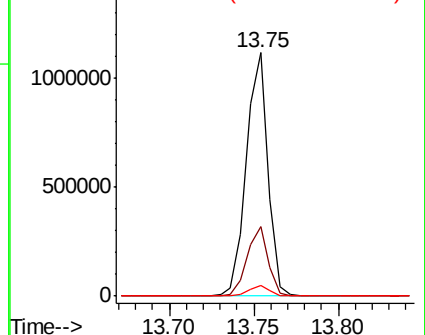
279 4.3 2.9 4.3

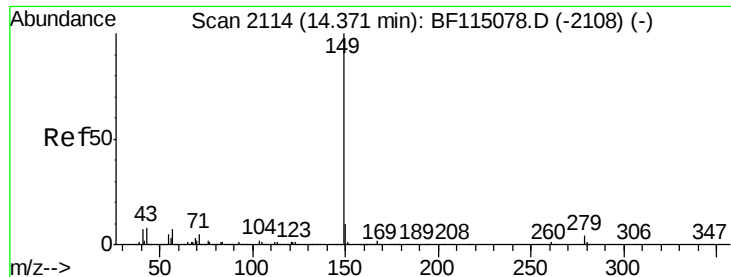


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.859 ng

RT: 14.36 min Scan# 2112

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

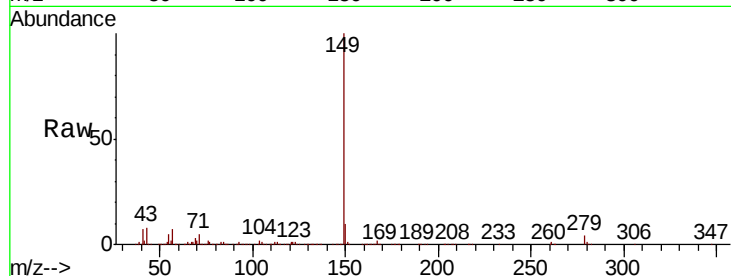
Tgt Ion:149 Resp: 1538114

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

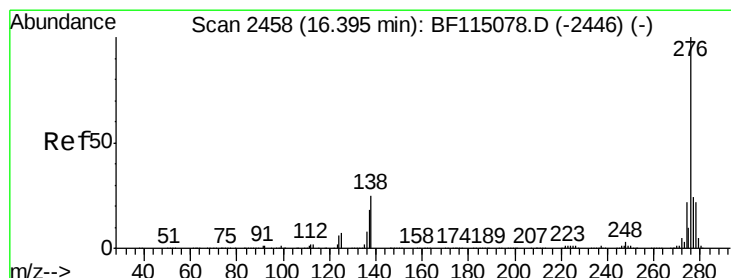
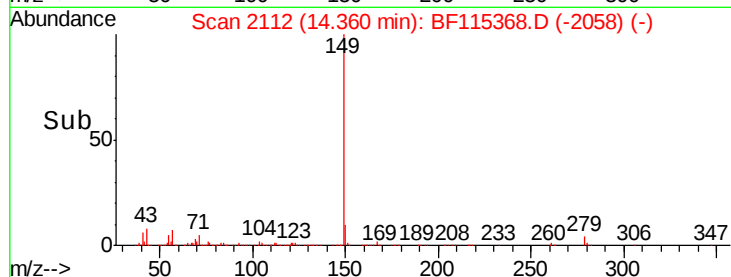
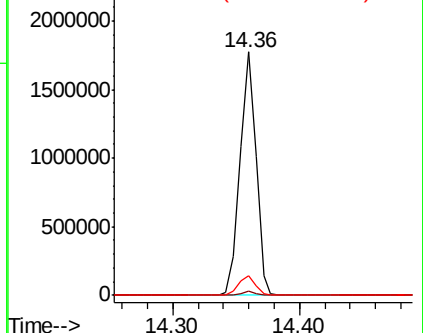
43 8.3 7.0 10.6



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: 37.140 ng

RT: 16.39 min Scan# 2458

Delta R.T. 0.04 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

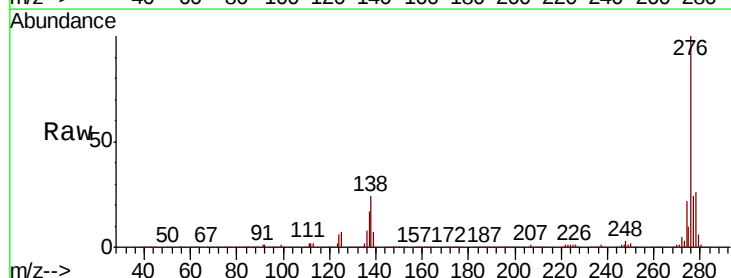
Tgt Ion:276 Resp: 1297546

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

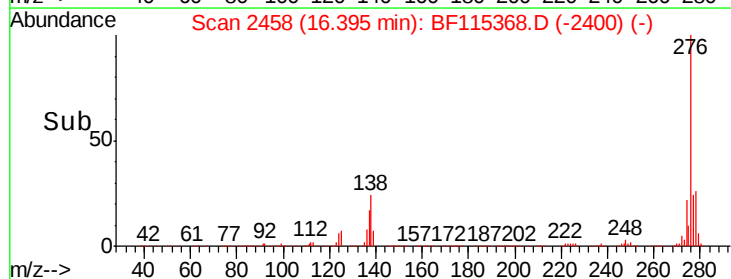
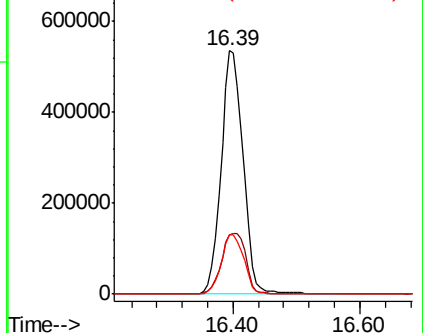
277 25.2 20.1 30.1

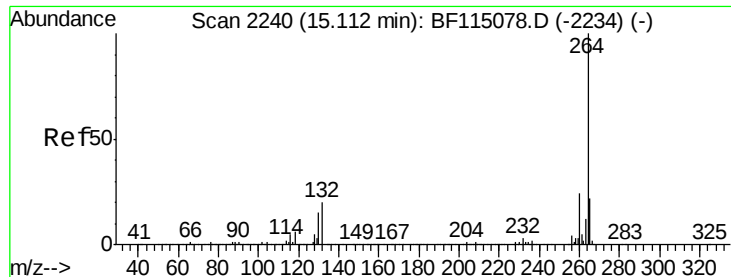


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

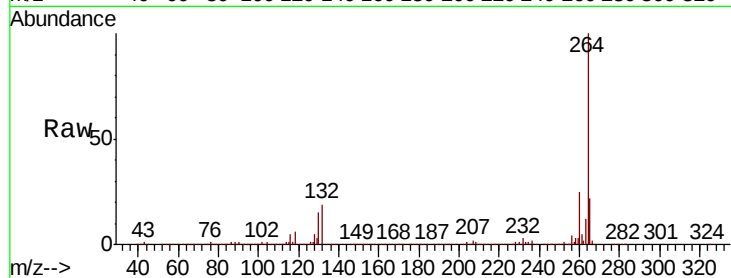
Tgt Ion:264 Resp: 533404

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

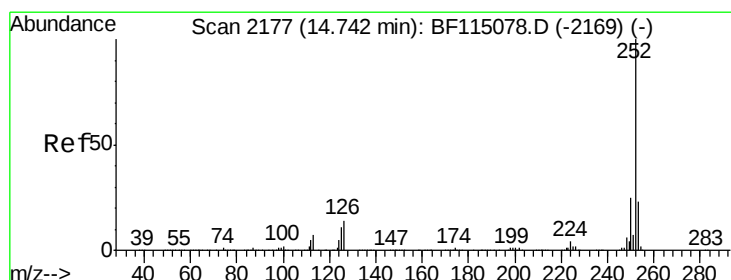
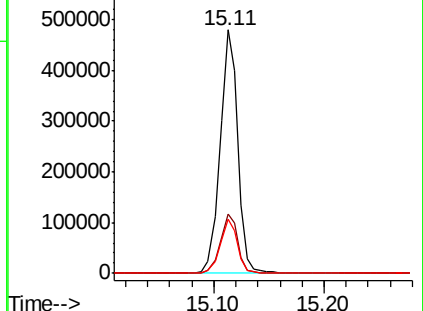
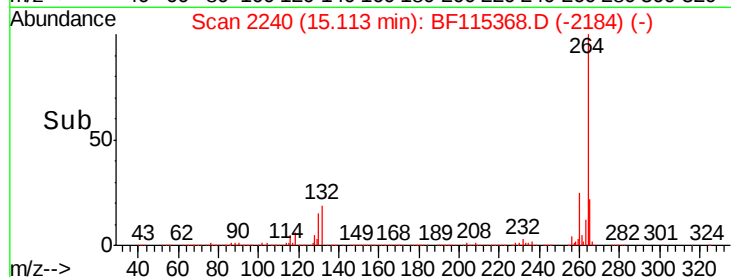
265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.676 ng

RT: 14.74 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

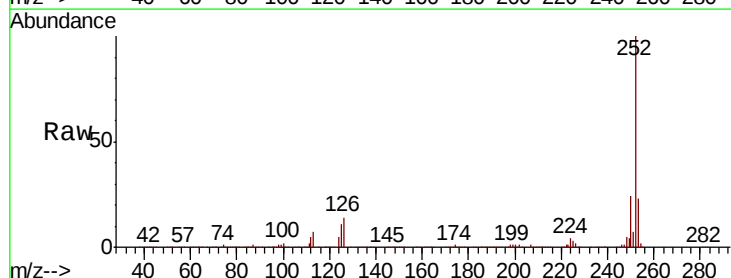
Tgt Ion:252 Resp: 1453669

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

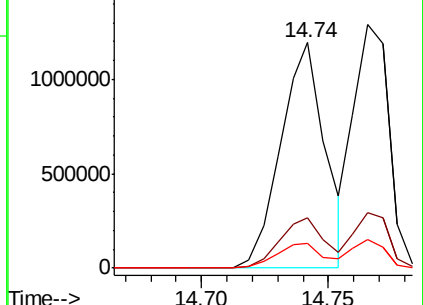
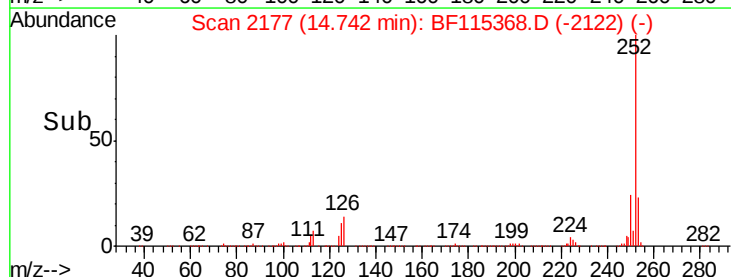
125 10.8 8.7 13.1

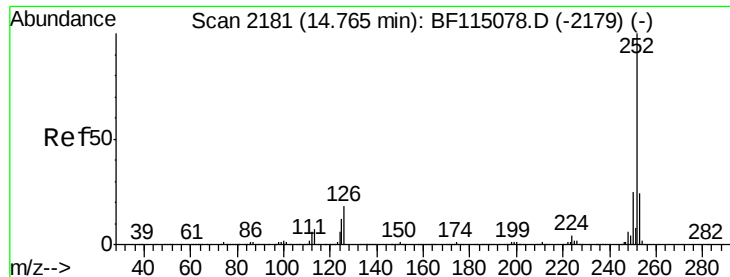


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

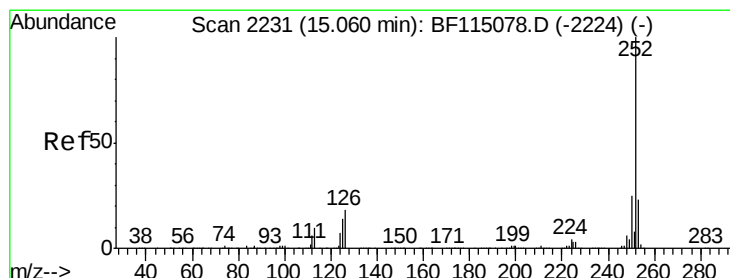
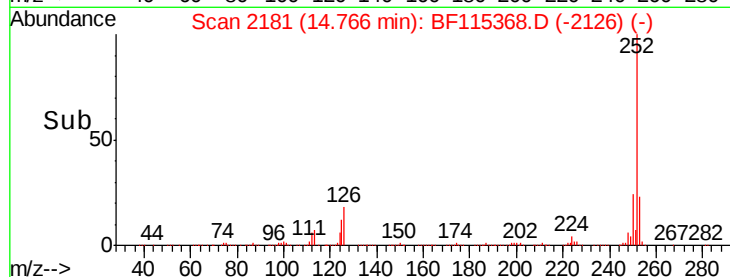
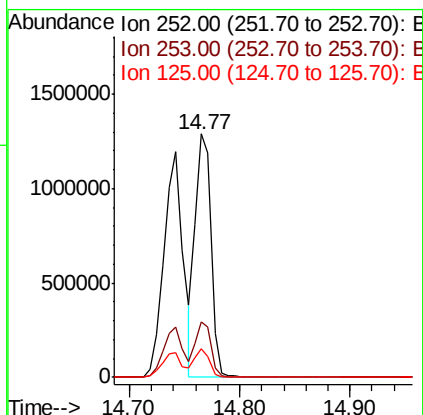
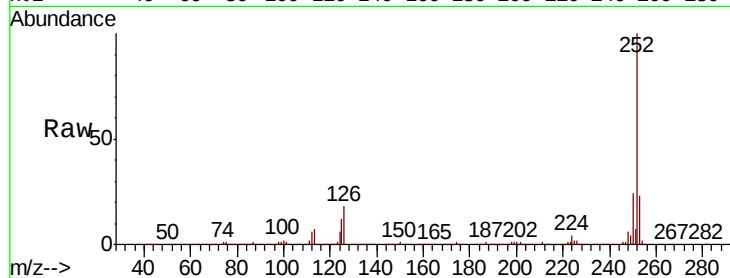




#89
Benzo(k)fluoranthene
Concen: 42.368 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

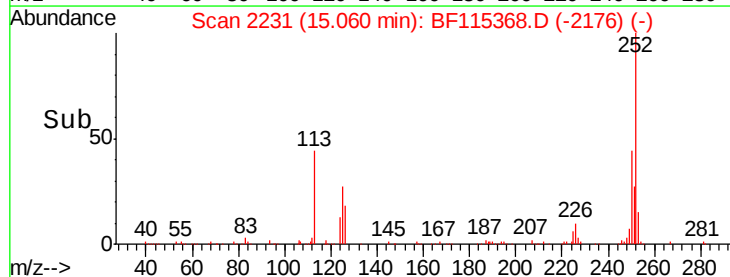
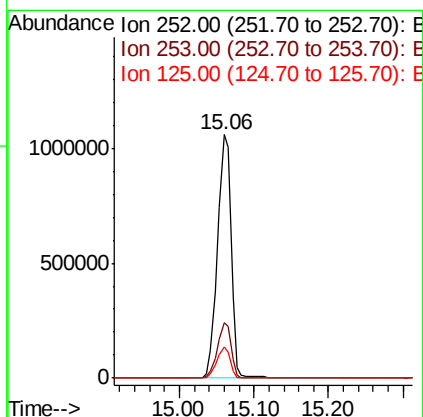
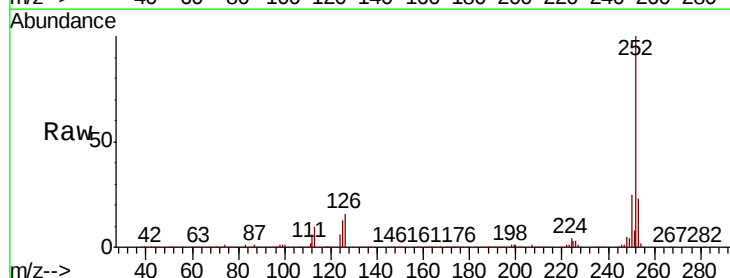
Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

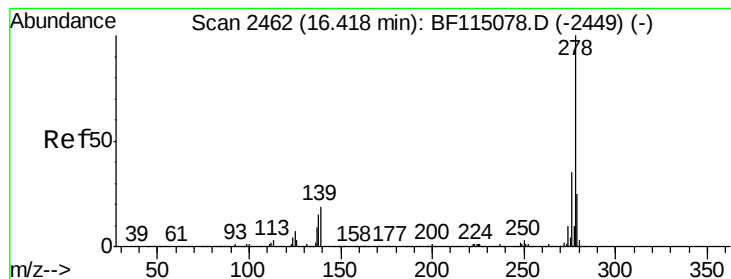
Tgt Ion:252 Resp: 1264591
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 11.8 10.2 15.2



#90
Benzo(a)pyrene
Concen: 44.463 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:252 Resp: 1333819
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.9 10.9 16.3



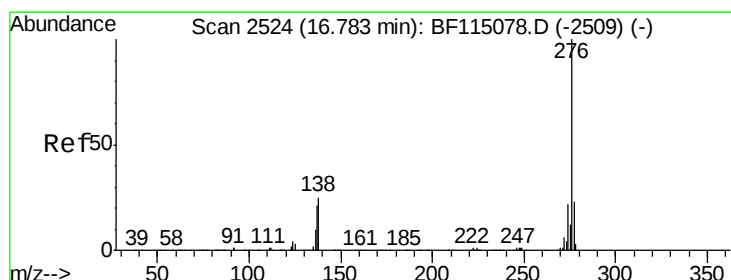
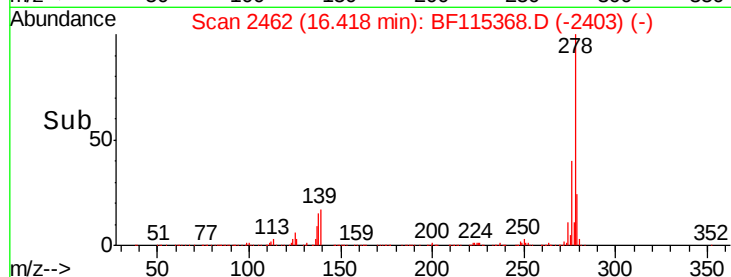
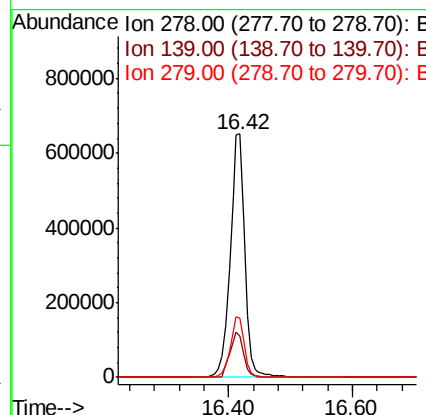
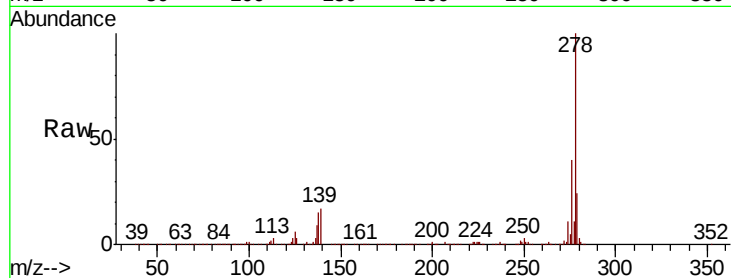


#91
Dibenzo(a,h)anthracene
Concen: 38.453 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.05 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tgt Ion: 278 Resp: 1076879

Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.4	23.2
279	24.3	19.9	29.9



#92
Benzo(g,h,i)perylene
Concen: 35.728 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.05 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion: 276 Resp: 1012685

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	23.9	19.8	29.6

