

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081419\
 Data File : BF116267.D
 Acq On : 14 Aug 2019 18:00
 Operator : HP/JU
 Sample : K4089-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

Quant Time: Aug 14 18:40:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	171666	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	688654	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	364130	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	617139	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	418205	20.00	ng	-0.02
87) Perylene-d12	15.45	264	364313	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1176965	114.78	ng	0.01
7) Phenol-d6	6.47	99	1414608	109.34	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1092233	91.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	421937	119.52	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1756307	90.34	ng	-0.02
79) Terphenyl-d14	12.93	244	1792057	90.29	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	173289	33.451	ng	# 85
3) Pyridine	3.54	79	287193	19.846	ng	99
4) n-Nitrosodimethylamine	3.46	42	208817	36.565	ng	98
6) Aniline	6.50	93	195541	10.554	ng	# 81
8) 2-Chlorophenol	6.62	128	468621	41.327	ng	99
9) Benzaldehyde	6.39	77	115268	12.912	ng	97
10) Phenol	6.49	94	507865	33.334	ng	83
11) bis(2-Chloroethyl)ether	6.57	93	486928	43.470	ng	99
12) 1,3-Dichlorobenzene	6.77	146	486752	37.143	ng	99
13) 1,4-Dichlorobenzene	6.85	146	496254	37.820	ng	98
14) 1,2-Dichlorobenzene	7.00	146	449745	37.224	ng	98
15) Benzyl Alcohol	6.97	79	369445	37.628	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	613608	40.161	ng	69
17) 2-Methylphenol	7.09	107	394978	41.137	ng	# 93
18) Hexachloroethane	7.33	117	185554	38.409	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	342580	42.730	ng	99
20) 3+4-Methylphenols	7.25	107	489360	43.069	ng	95
22) Acetophenone	7.24	105	669344	44.318	ng	96
24) Nitrobenzene	7.42	77	572293	44.426	ng	96
25) Isophorone	7.65	82	1014635	44.477	ng	99
26) 2-Nitrophenol	7.73	139	276303	45.502	ng	98
27) 2,4-Dimethylphenol	7.77	122	431276	47.208	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	623674	44.108	ng	99
29) 2,4-Dichlorophenol	7.97	162	432401	44.827	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	457730	41.628	ng	99
31) Naphthalene	8.13	128	1401124	43.236	ng	100
32) Benzoic acid	7.93	122	268107	41.625	ng	96
33) 4-Chloroaniline	8.20	127	88489	6.111	ng	97
34) Hexachlorobutadiene	8.25	225	254100	40.120	ng	99
35) Caprolactam	8.57	113	47021	15.072	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	418985	41.752	ng	99
37) 2-Methylnaphthalene	8.82	142	934393	43.781	ng	99
38) 1-Methylnaphthalene	8.92	142	870891	43.133	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	429744	44.146	ng	99

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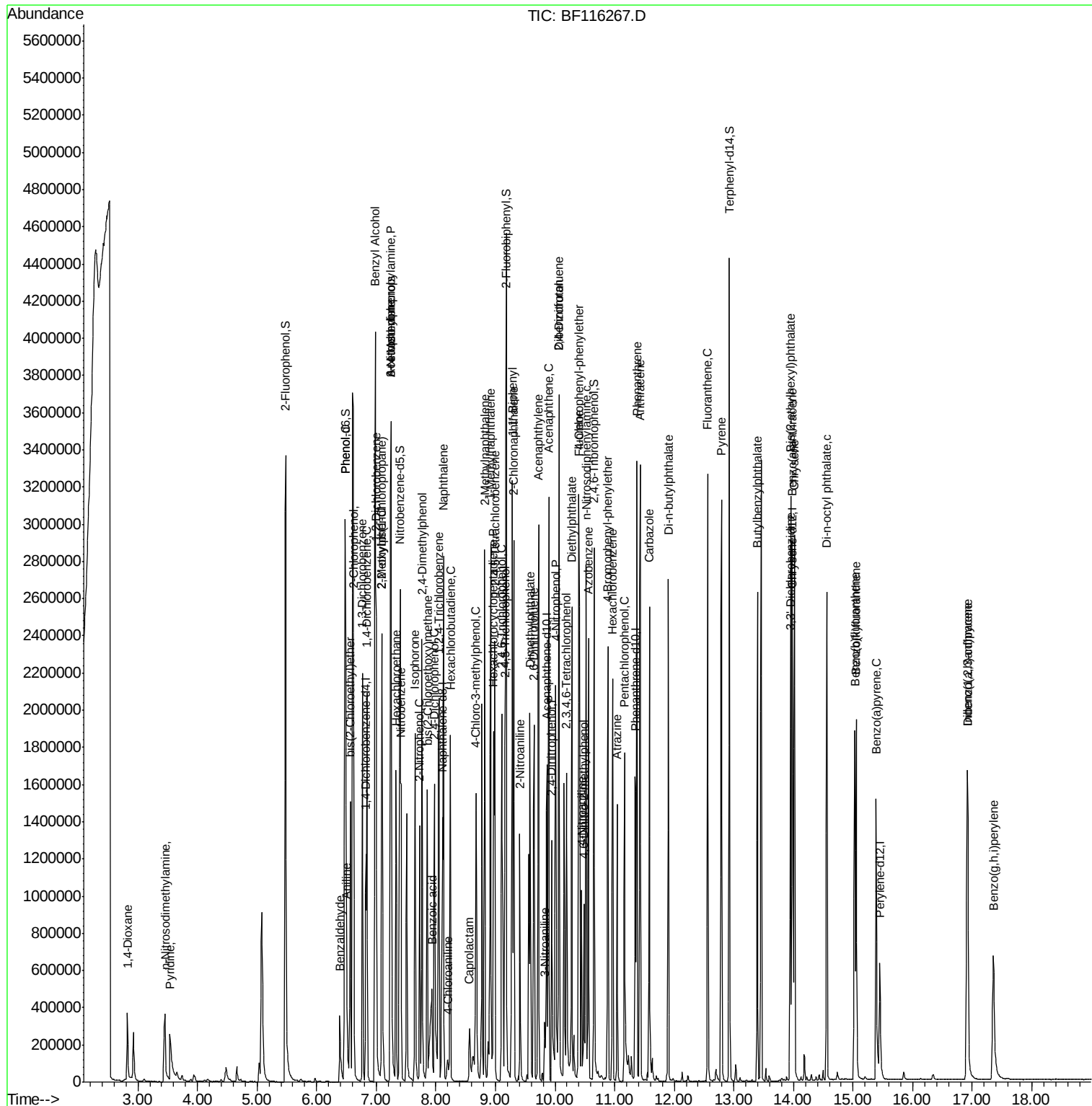
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	280275	65.308	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	268222	40.030	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	271290	39.168	ng	98
46) 1,1'-Biphenyl	9.28	154	1129842	43.950	ng	99
47) 2-Chloronaphthalene	9.31	162	890421	41.616	ng	100
48) 2-Nitroaniline	9.41	65	247287	34.966	ng	92
49) Acenaphthylene	9.72	152	1272578	40.768	ng	99
50) Dimethylphthalate	9.59	163	1059956	42.752	ng	99
51) 2,6-Dinitrotoluene	9.65	165	222767	41.345	ng	# 84
52) Acenaphthene	9.90	154	791057	41.308	ng	100
53) 3-Nitroaniline	9.83	138	64764	9.728	ng	99
54) 2,4-Dinitrophenol	9.95	184	205859	75.596	ng	99
55) Dibenzofuran	10.07	168	1086377	39.010	ng	99
56) 4-Nitrophenol	10.00	139	235383	55.192	ng	98
57) 2,4-Dinitrotoluene	10.06	165	259199	36.132	ng	# 88
58) Fluorene	10.41	166	876260	40.896	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	241833	41.501	ng	99
60) Diethylphthalate	10.28	149	953374	41.187	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	455643	41.989	ng	99
62) 4-Nitroaniline	10.45	138	176127	25.599	ng	98
63) Azobenzene	10.56	77	981084	41.207	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	146796	44.886	ng	96
66) n-Nitrosodiphenylamine	10.52	169	719748	38.748	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	279729	42.342	ng	98
68) Hexachlorobenzene	10.97	284	304461	39.854	ng	# 91
69) Atrazine	11.05	200	169819	27.790	ng	99
70) Pentachlorophenol	11.16	266	275405	74.256	ng	99
71) Phenanthrene	11.37	178	1272658	40.338	ng	99
72) Anthracene	11.43	178	1311422	41.072	ng	99
73) Carbazole	11.58	167	1090084	37.631	ng	99
74) Di-n-butylphthalate	11.90	149	1459010	43.176	ng	100
75) Fluoranthene	12.56	202	1299358	39.340	ng	97
78) Pyrene	12.79	202	1323679	41.988	ng	99
80) Butylbenzylphthalate	13.39	149	618492	46.380	ng	94
81) Benzo(a)anthracene	13.98	228	1082806	40.509	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	76200	8.205	ng	98
83) Chrysene	14.02	228	1069543	41.214	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	872223	50.333	ng	98
85) Di-n-octyl phthalate	14.56	149	1338225	48.619	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	861512	39.526	ng	100
88) Benzo(b)fluoranthene	15.03	252	906466	43.032	ng	100
89) Benzo(k)fluoranthene	15.05	252	867190	42.266	ng	98
90) Benzo(a)pyrene	15.39	252	817925	43.436	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	727367	44.624	ng	98
92) Benzo(g,h,i)perylene	17.36	276	713205	44.553	ng	99

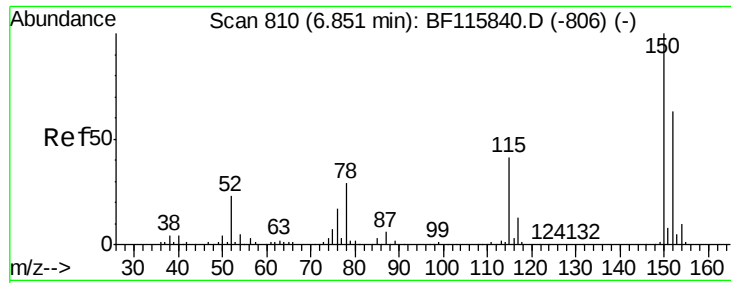
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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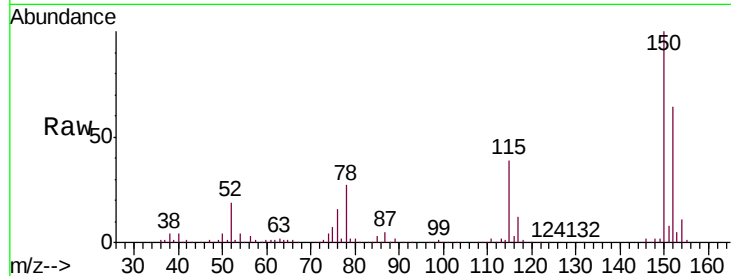


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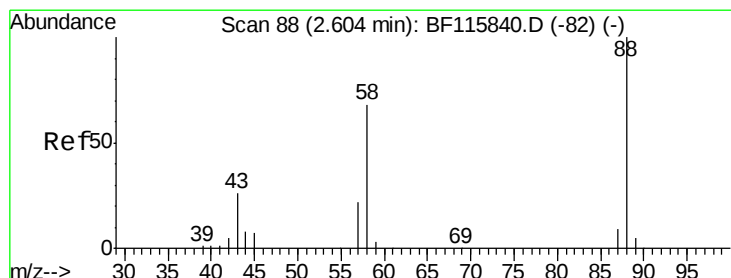
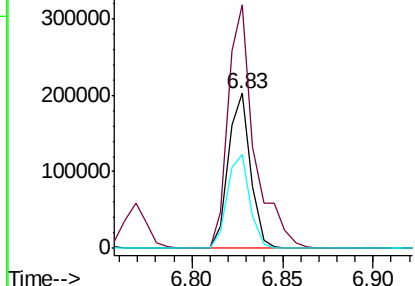
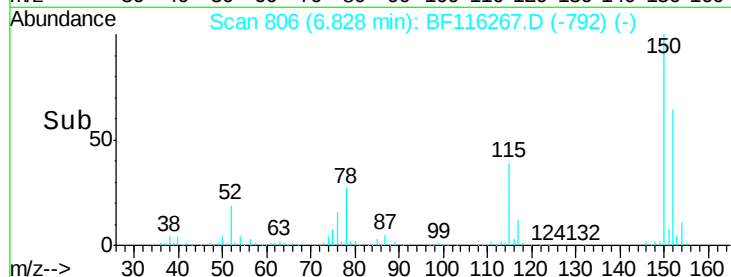
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

Tgt Ion: 152 Resp: 171666
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.0 49.9 74.9



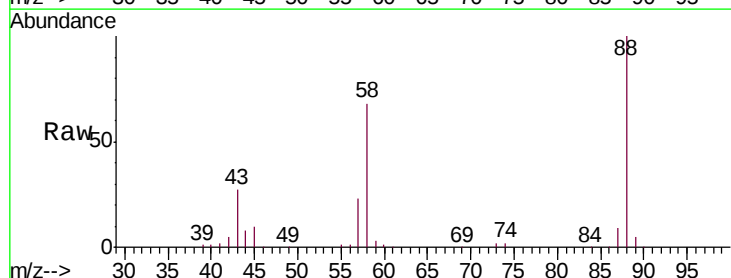
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



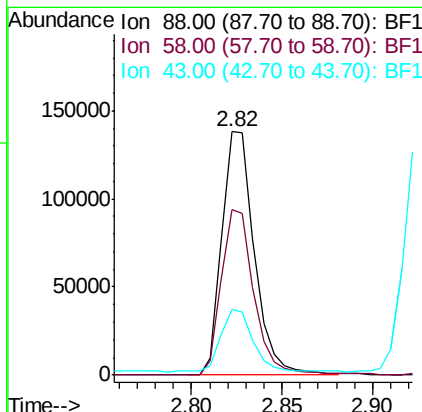
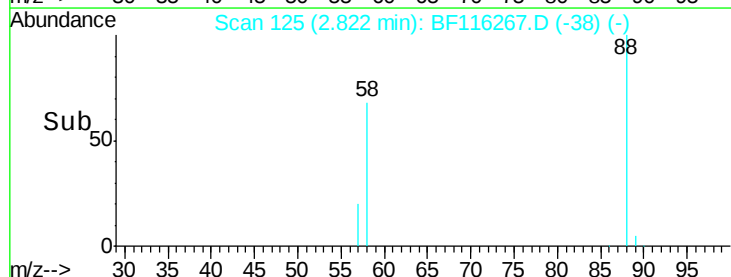
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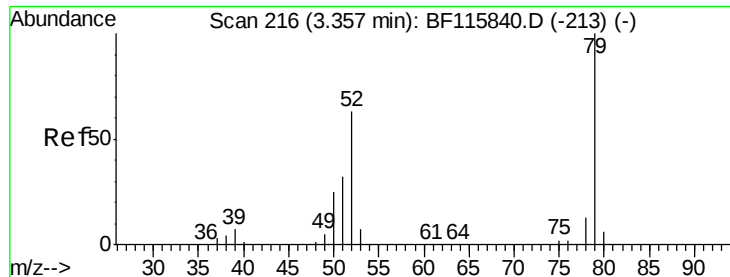
1,4-Dioxane
Concen: 33.451 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.21 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion: 88 Resp: 173289
Ion Ratio Lower Upper
88 100
58 67.9 53.7 80.5
43 0.0 21.0 31.4#



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: 19.846 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.18 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

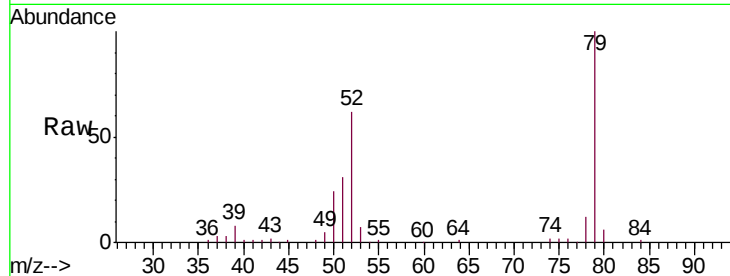
Tgt Ion: 79 Resp: 287193

Ion Ratio Lower Upper

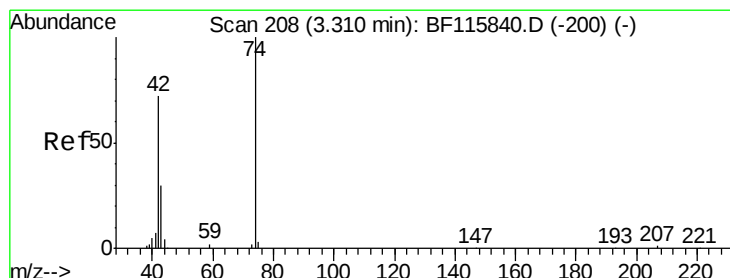
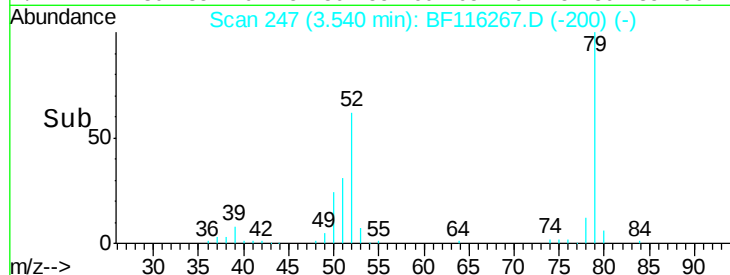
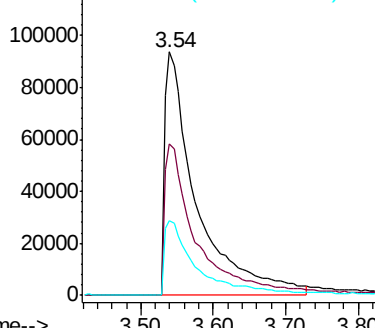
79 100

52 62.0 49.8 74.8

51 30.9 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 36.565 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.12 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

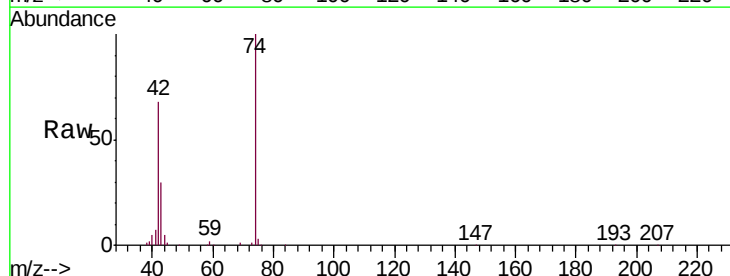
Tgt Ion: 42 Resp: 208817

Ion Ratio Lower Upper

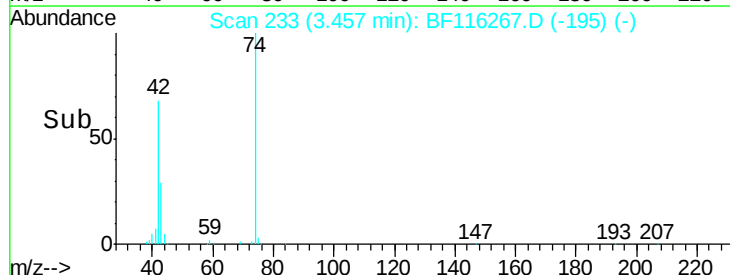
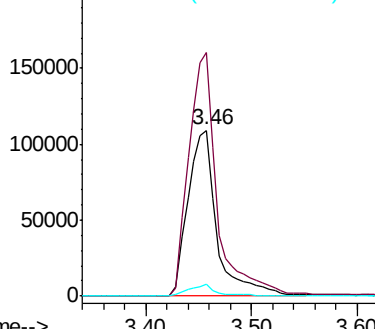
42 100

74 146.9 116.0 174.0

44 6.9 4.6 7.0



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





#5

2-Fluorophenol

Concen: 114.776 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116267.D

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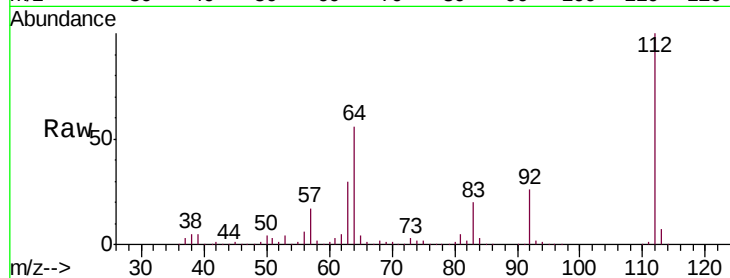
Tgt Ion:112 Resp: 1176965

Ion Ratio Lower Upper

112 100

64 56.0 45.4 68.2

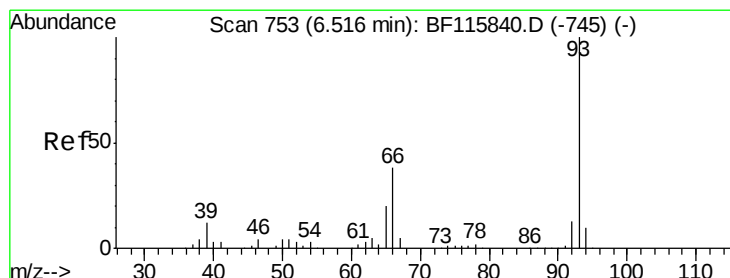
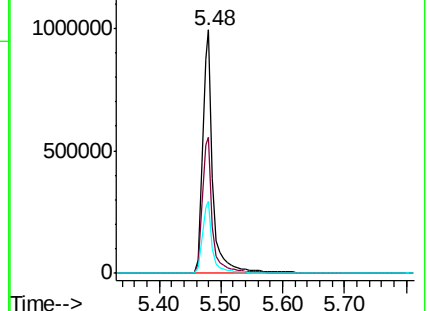
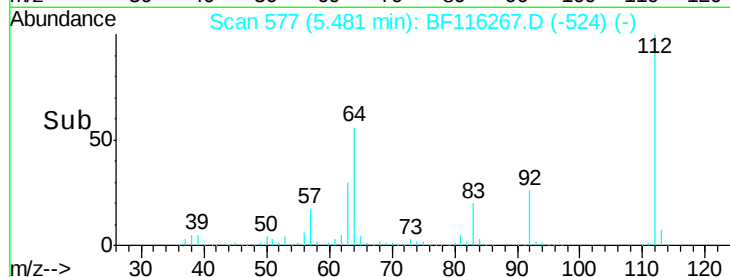
63 29.5 23.7 35.5



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: 10.554 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

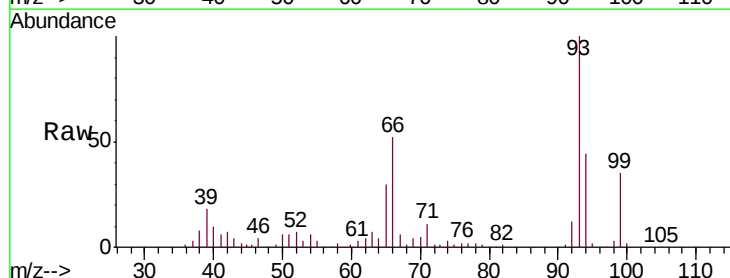
Tgt Ion: 93 Resp: 195541

Ion Ratio Lower Upper

93 100

66 52.4 32.2 48.4#

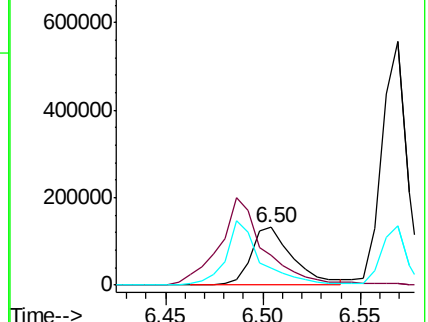
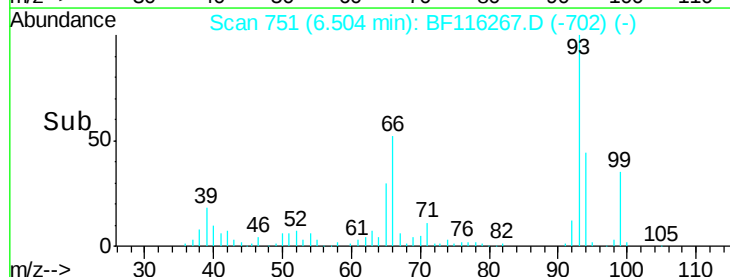
65 29.8 17.0 25.6#



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: 109.339 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

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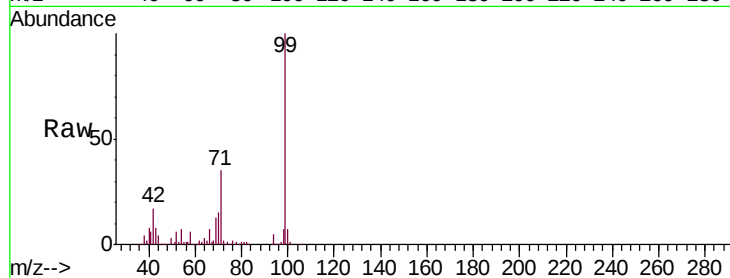
Tgt Ion: 99 Resp: 1414608

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

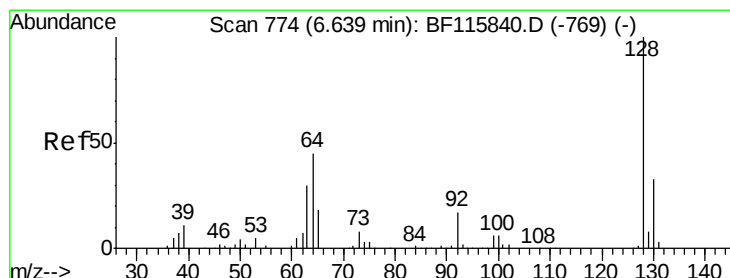
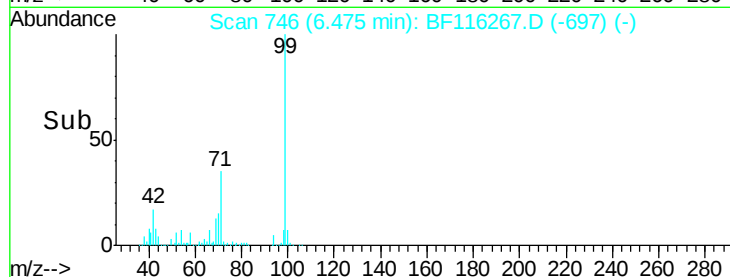
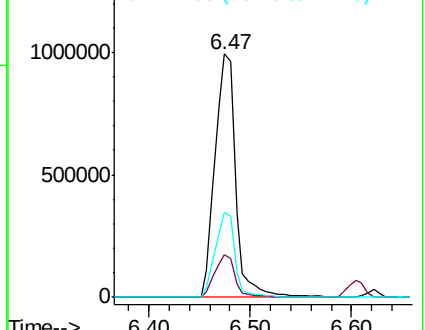
71 35.0 27.3 40.9



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: 41.327 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

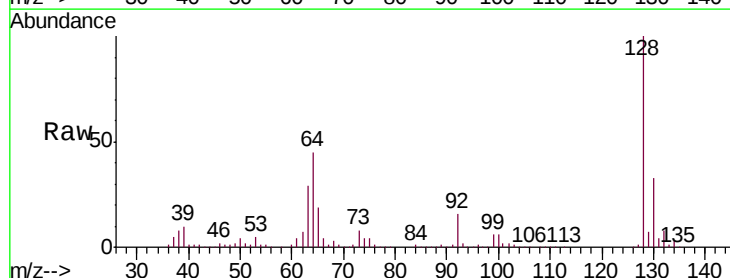
Tgt Ion: 128 Resp: 468621

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

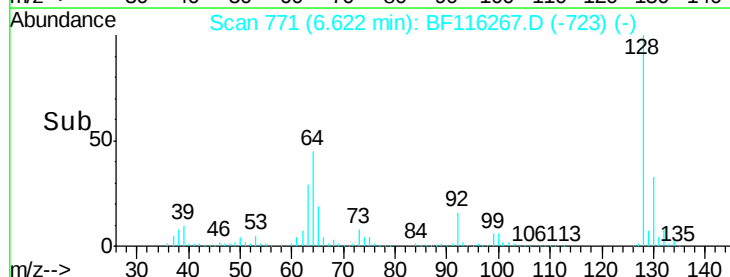
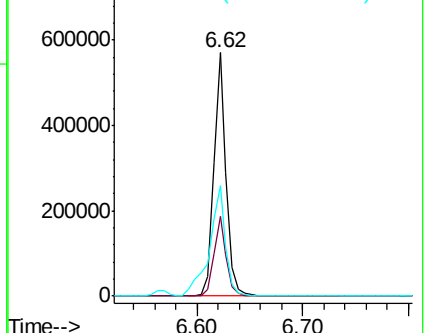
64 45.3 24.3 64.3



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: 12.912 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

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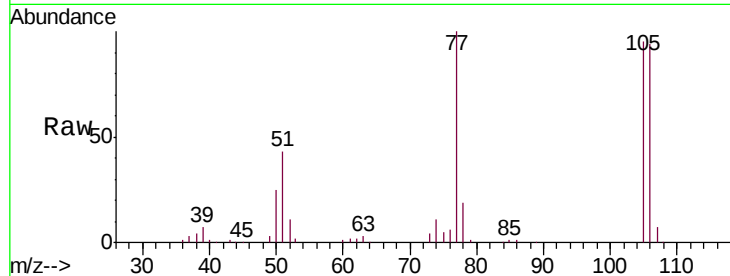
Tgt Ion: 77 Resp: 115268

Ion Ratio Lower Upper

77 100

105 94.7 79.2 119.2

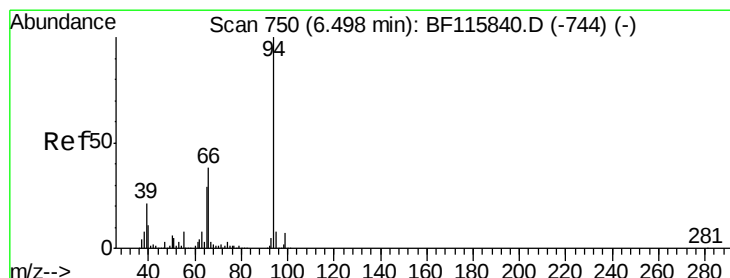
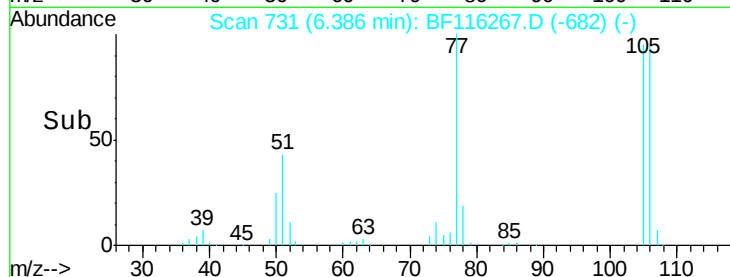
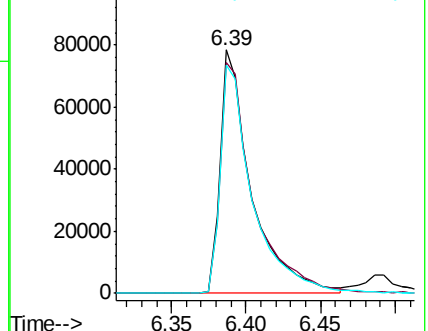
106 93.7 74.3 114.3



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: 33.334 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

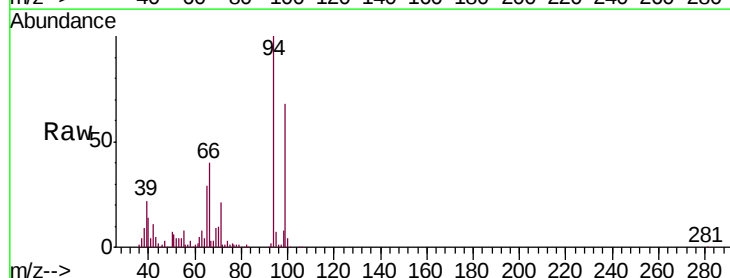
Tgt Ion: 94 Resp: 507865

Ion Ratio Lower Upper

94 100

65 29.5 16.8 56.8

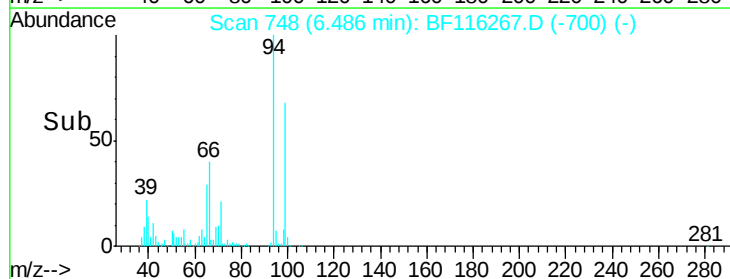
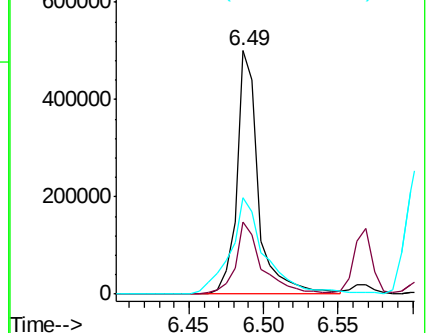
66 39.7 34.2 74.2

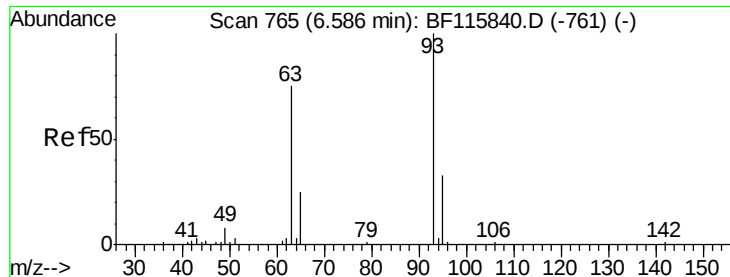


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.470 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

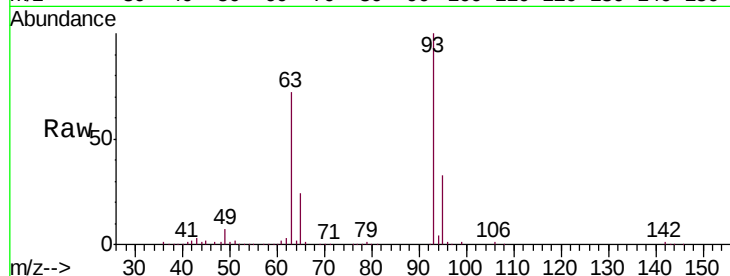
Tgt Ion: 93 Resp: 486928

Ion Ratio Lower Upper

93 100

63 72.4 51.9 91.9

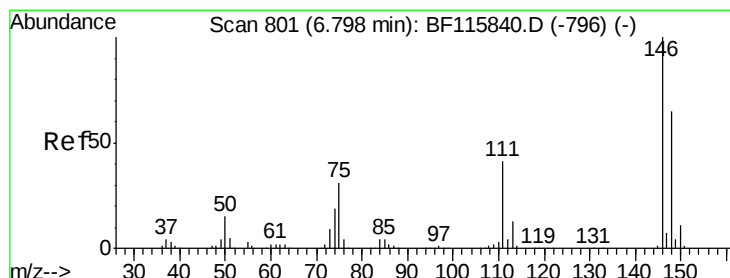
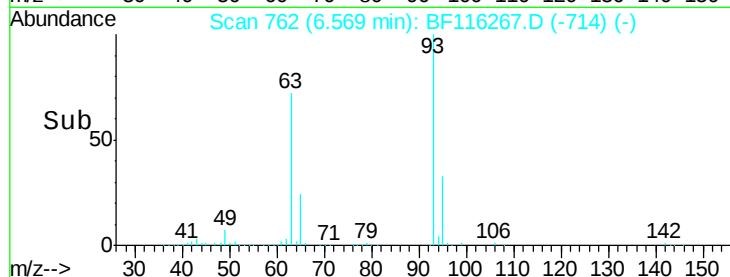
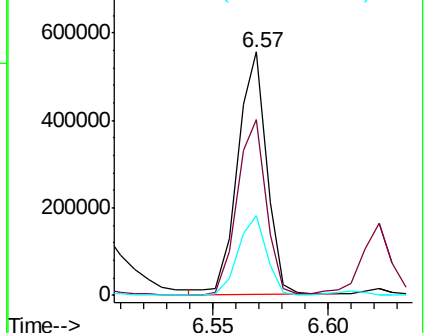
95 32.5 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.143 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

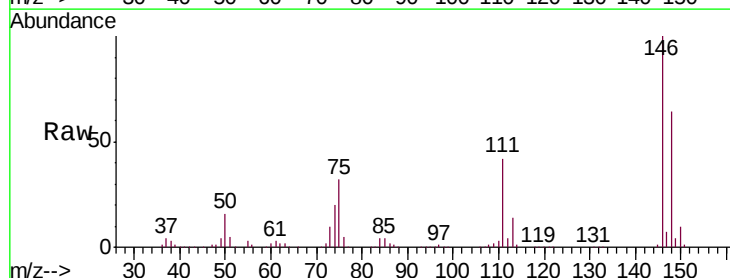
Tgt Ion: 146 Resp: 486752

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

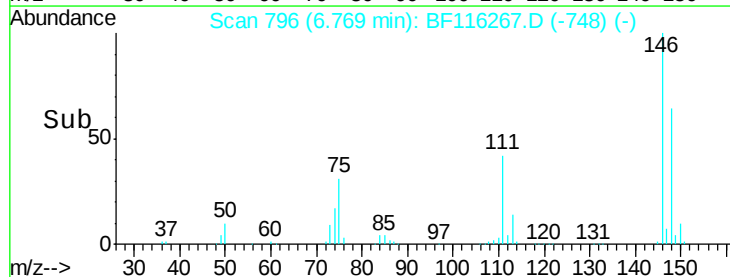
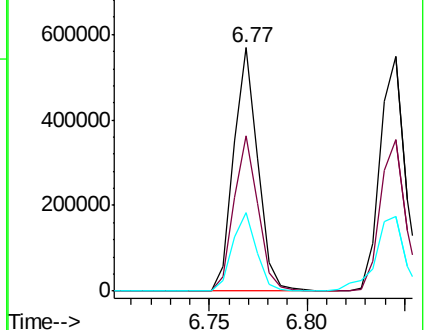
75 32.4 27.4 41.2

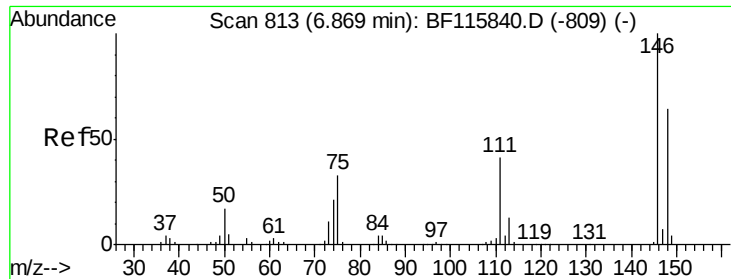


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

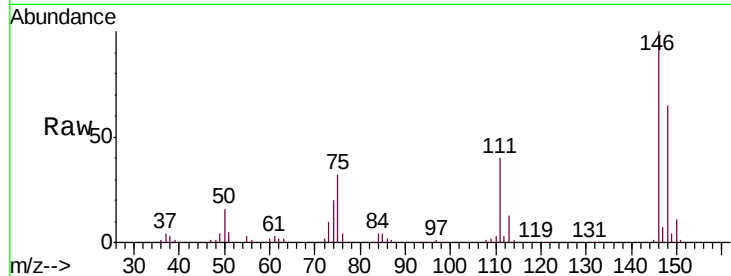




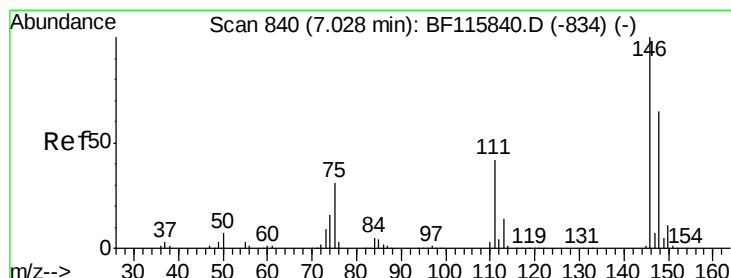
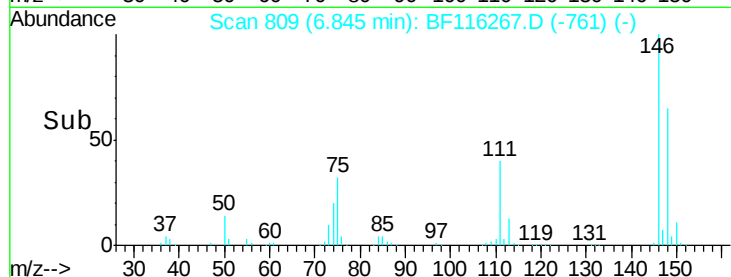
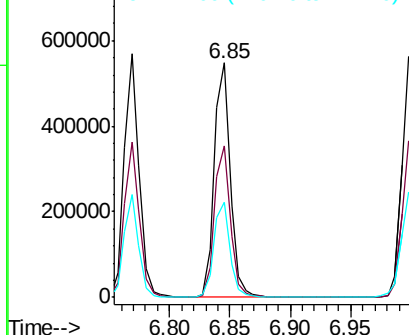
#13
 1,4-Dichlorobenzene
 Concen: 37.820 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

Tgt Ion:146 Resp: 496254
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.3 76.9
 111 40.5 34.0 51.0

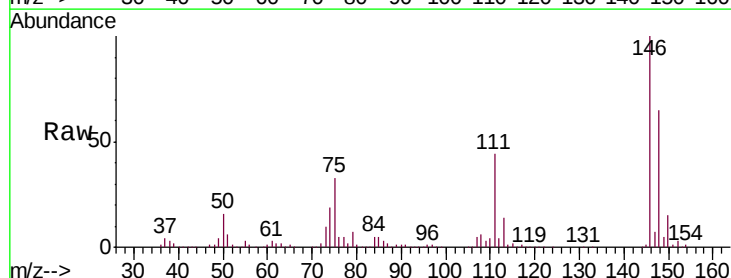


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

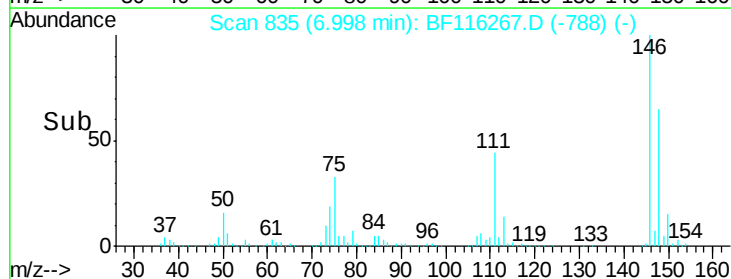
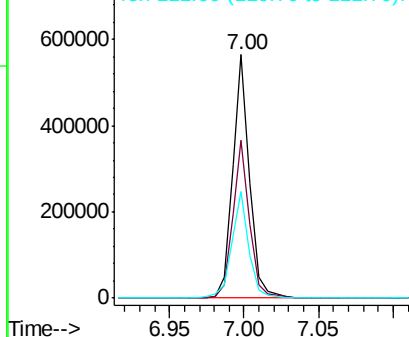


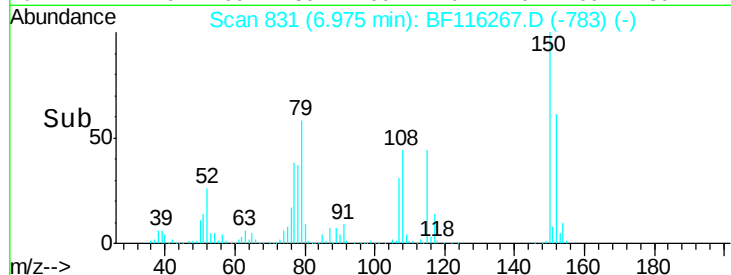
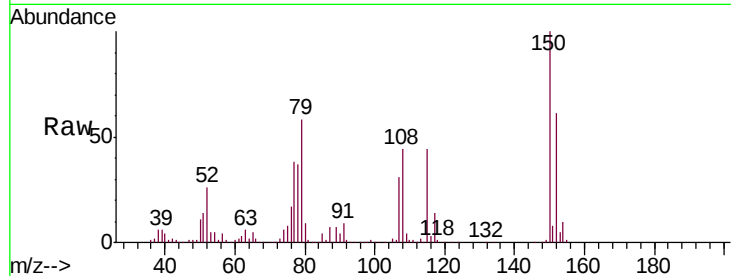
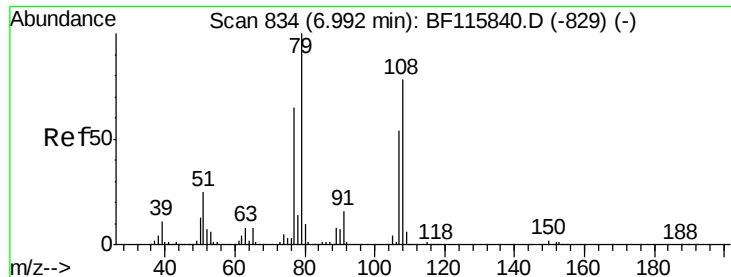
#14
 1,2-Dichlorobenzene
 Concen: 37.224 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:146 Resp: 449745
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.2 76.8
 111 43.6 33.5 50.3



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

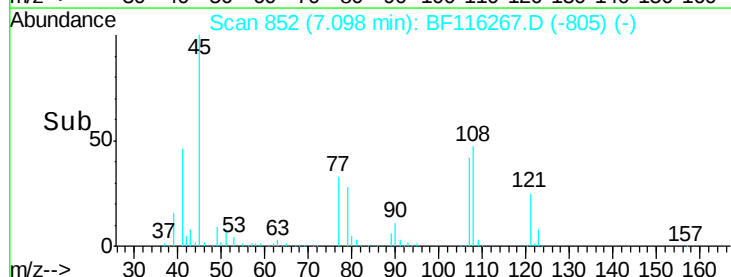
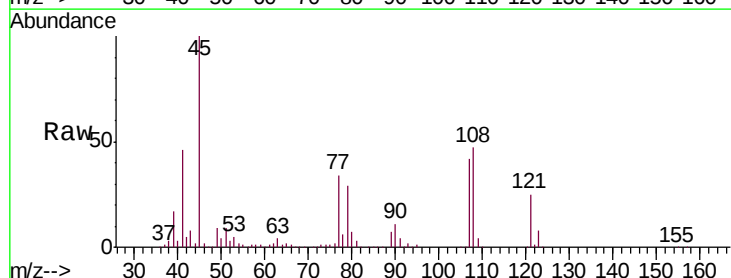
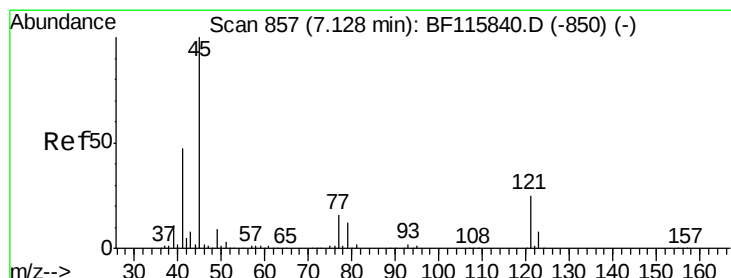
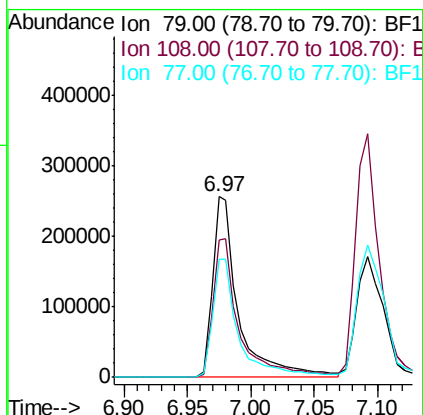




#15
Benzyl Alcohol
Concen: 37.628 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

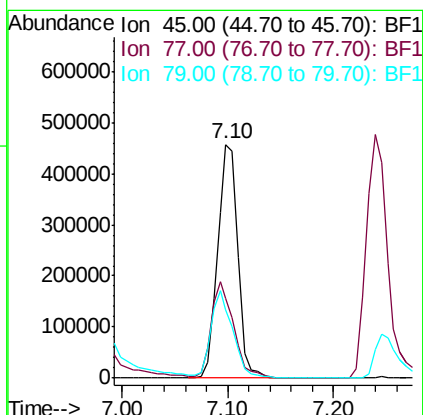
Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

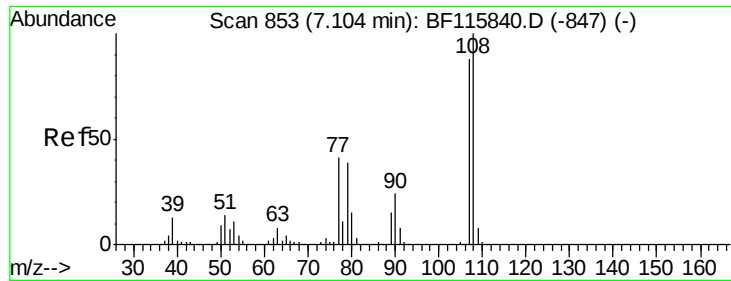
Tgt Ion: 79 Resp: 369445
Ion Ratio Lower Upper
79 100
108 76.0 62.7 94.1
77 65.2 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.161 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion: 45 Resp: 613608
Ion Ratio Lower Upper
45 100
77 34.1 0.0 40.0
79 29.4 0.0 35.9

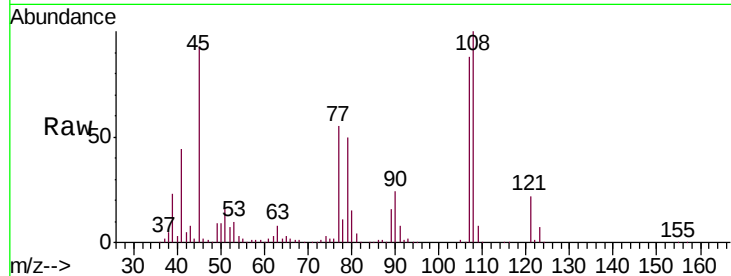




#17
2-Methylphenol
Concen: 41.137 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.2	136.8
77	61.8	40.3	60.5
79	56.2	37.6	56.4



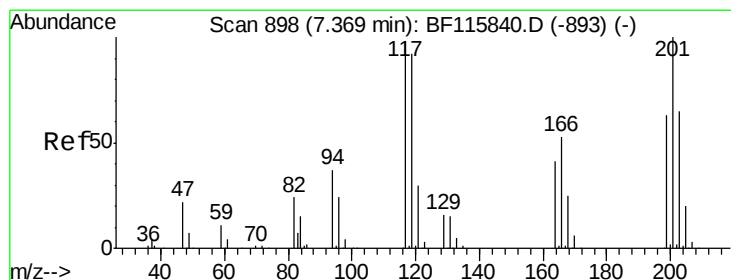
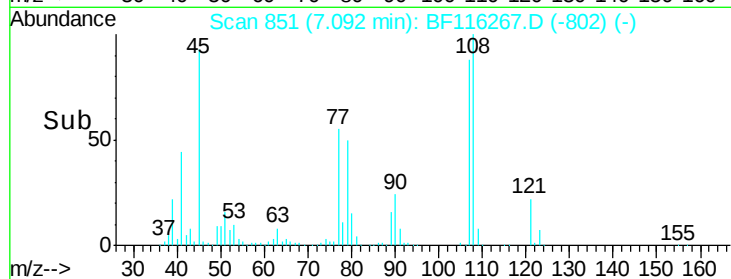
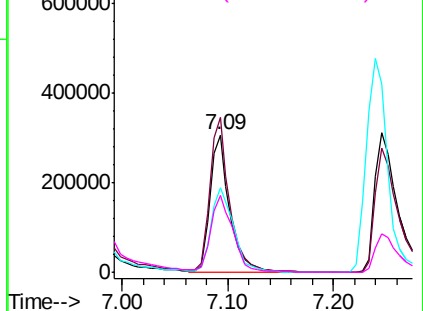
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

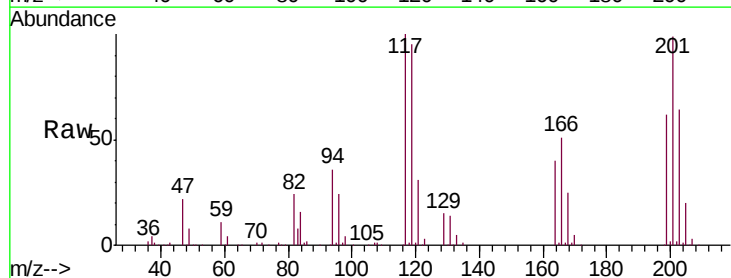
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.409 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
201	99.4	77.0	115.4

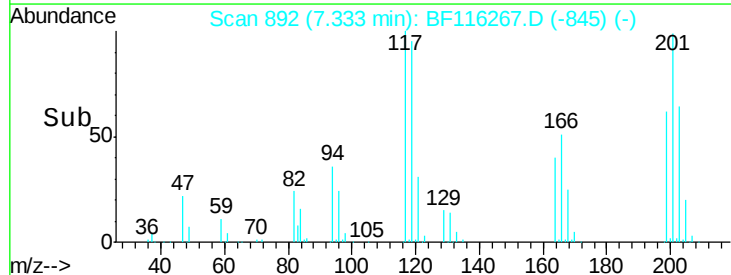
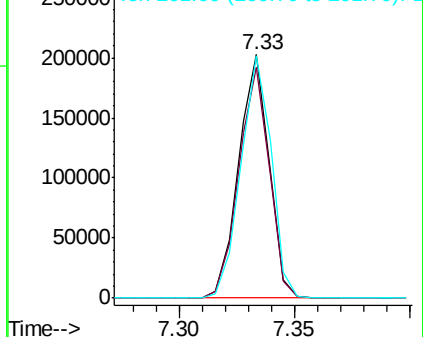


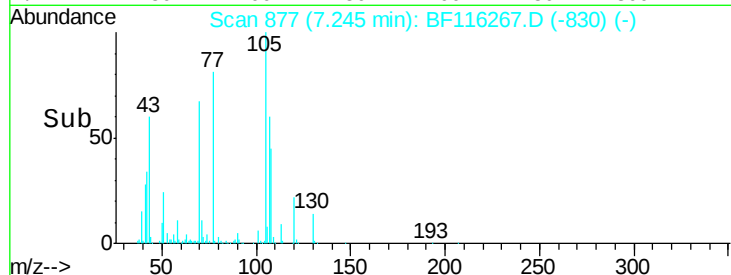
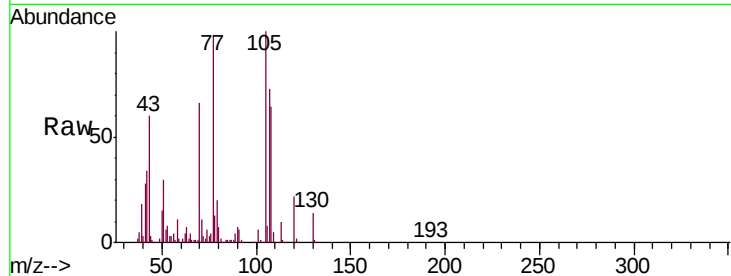
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

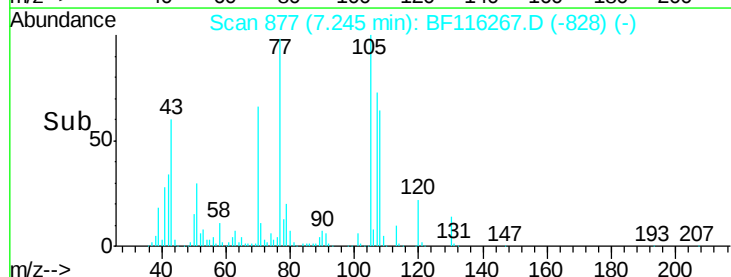
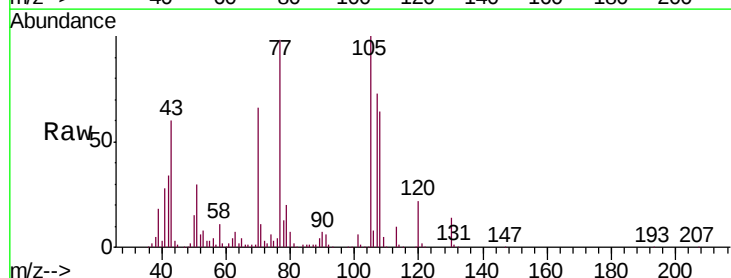
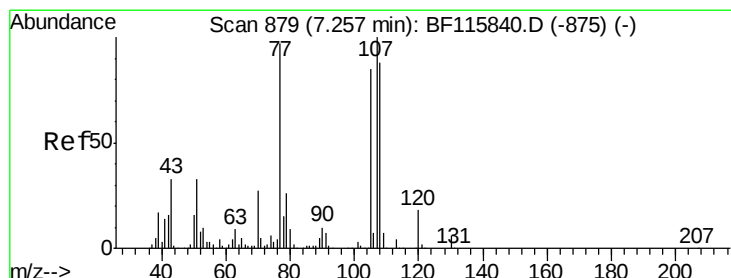
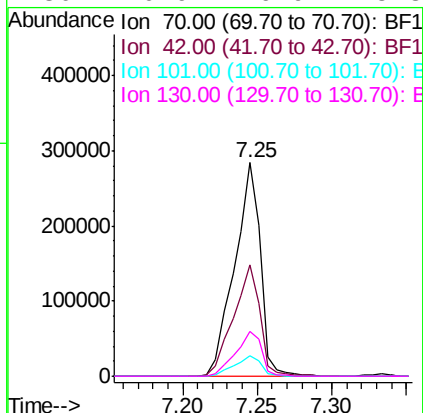




#19
n-Nitroso-di-n-propylamine
Concen: 42.730 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

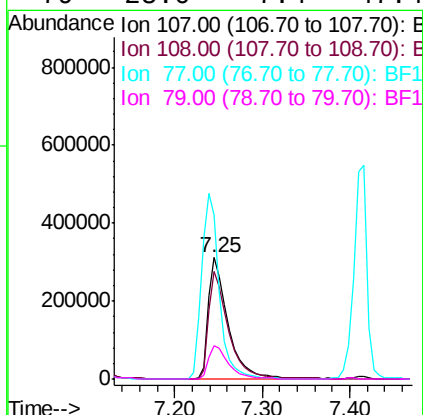
Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

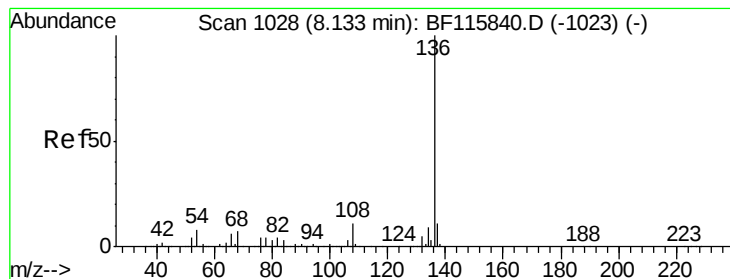
Tgt Ion:	70	Resp:	342580
Ion	Ratio	Lower	Upper
70	100		
42	51.9	40.9	61.3
101	9.5	7.9	11.9
130	20.9	16.9	25.3



#20
3+4-Methylphenols
Concen: 43.069 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion:	107	Resp:	489360
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.6	107.6
77	135.0	104.4	144.4
79	28.0	7.4	47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

Tgt Ion:136 Resp: 688654

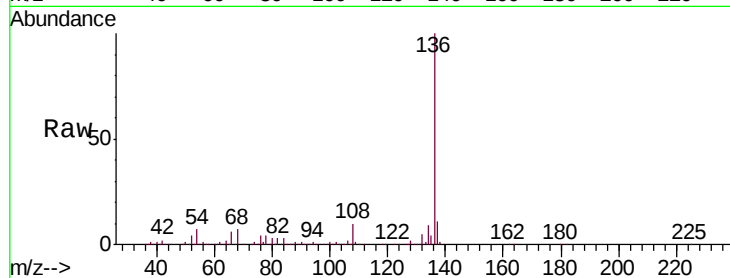
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.2 5.8 8.6

68 6.6 5.2 7.8

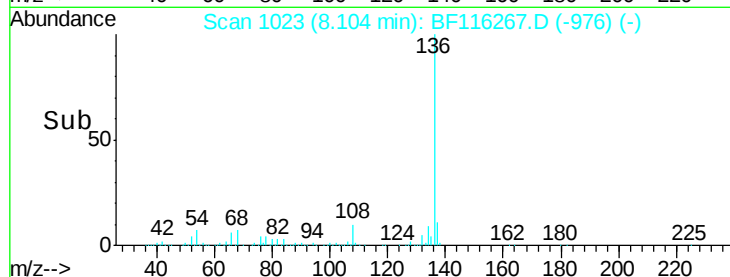


Abundance Ion 136.00 (135.70 to 136.70): E

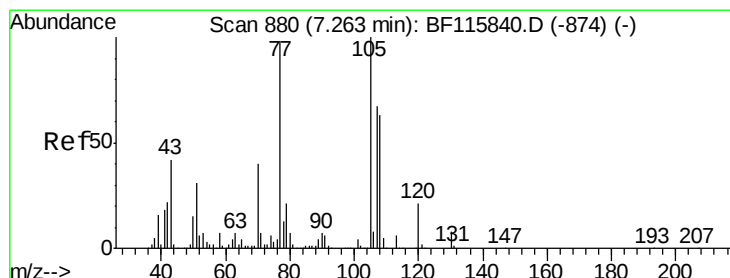
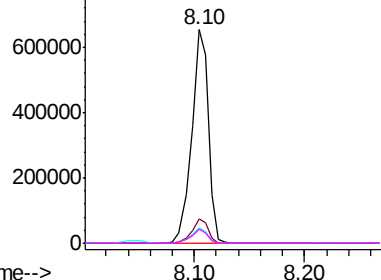
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 44.318 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Tgt Ion:105 Resp: 669344

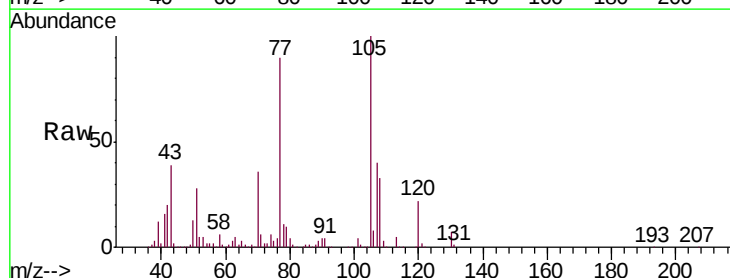
Ion Ratio Lower Upper

105 100

71 6.2 5.9 8.9

51 28.4 25.3 37.9

120 22.1 17.9 26.9

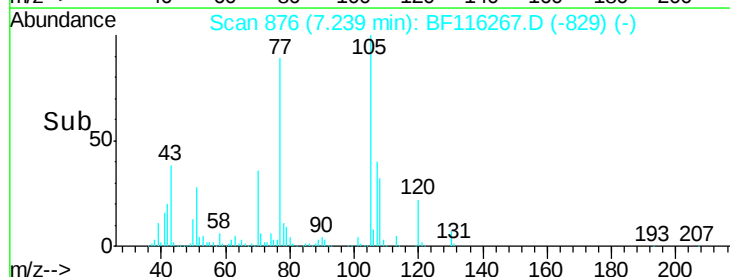


Abundance Ion 105.00 (104.70 to 105.70): E

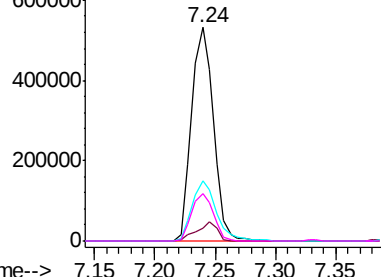
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

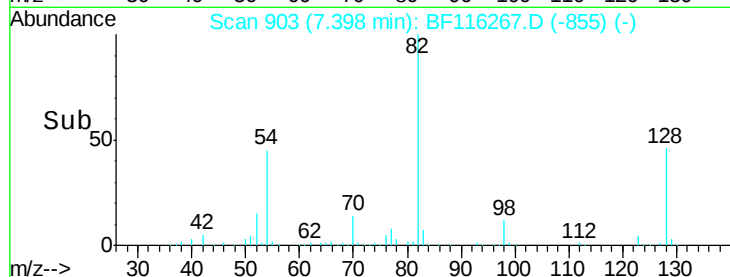
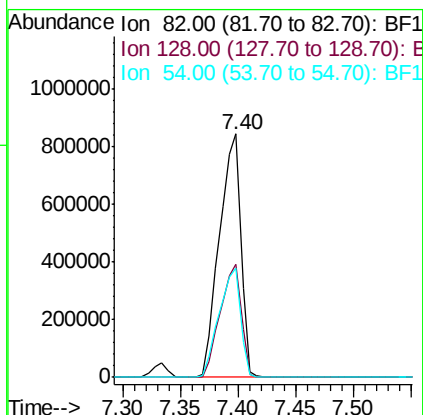
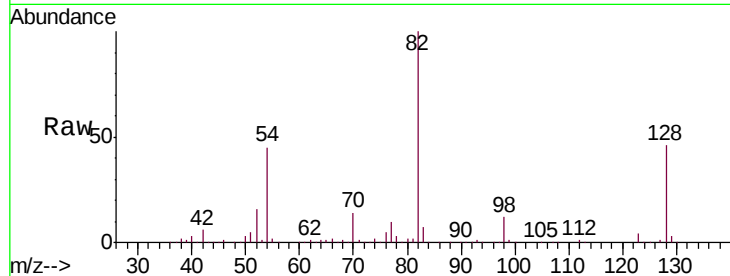




#23
 Nitrobenzene-d5
 Concen: 91.551 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

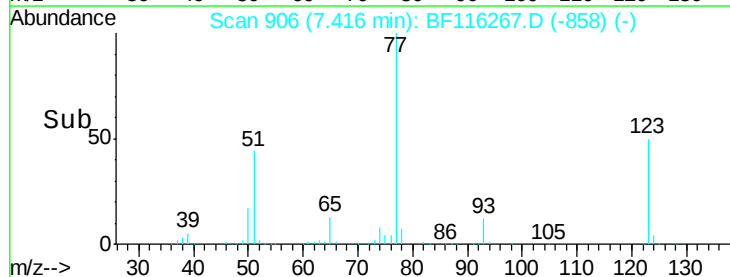
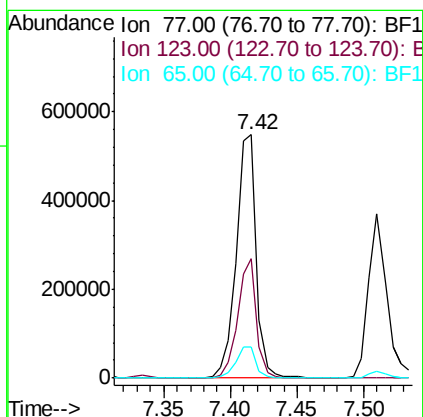
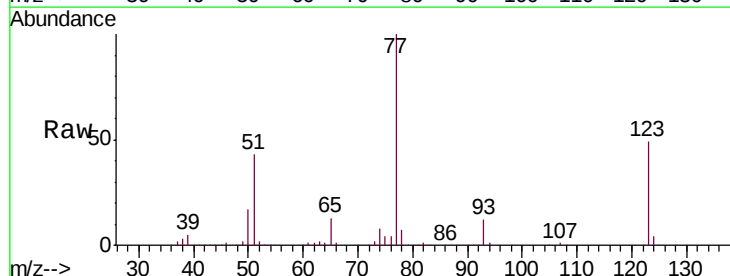
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

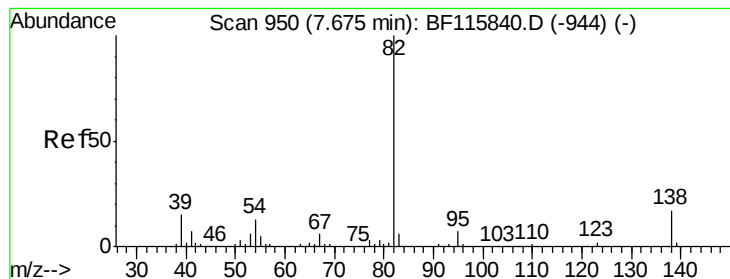
Tgt Ion: 82 Resp: 1092233
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.5 54.7
 54 44.7 36.0 54.0



#24
 Nitrobenzene
 Concen: 44.426 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion: 77 Resp: 572293
 Ion Ratio Lower Upper
 77 100
 123 49.3 36.7 55.1
 65 12.9 10.6 16.0





#25

Isophorone

Concen: 44.477 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

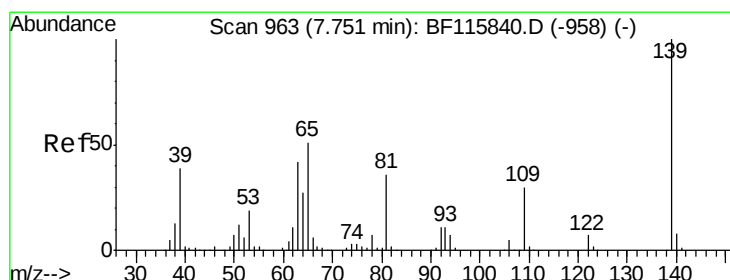
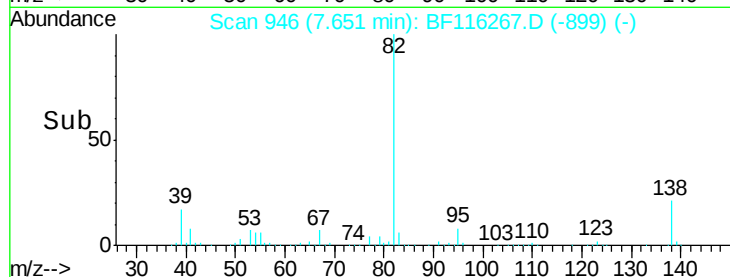
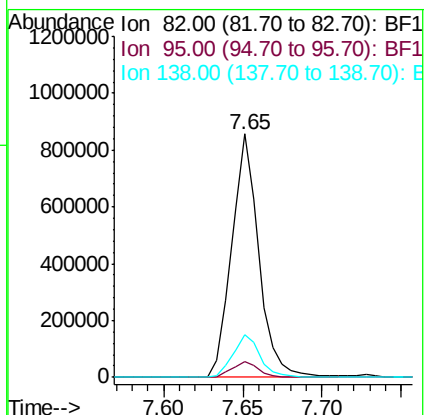
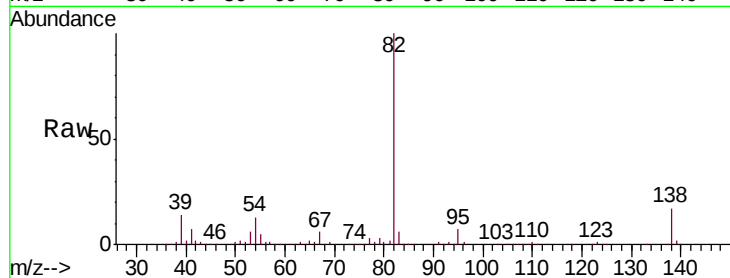
Tgt Ion: 82 Resp: 1014635

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.3 14.5 21.7



#26

2-Nitrophenol

Concen: 45.502 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

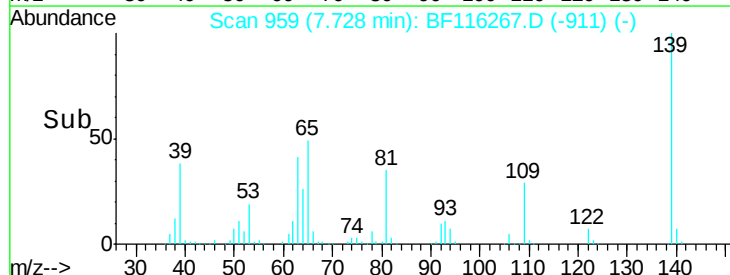
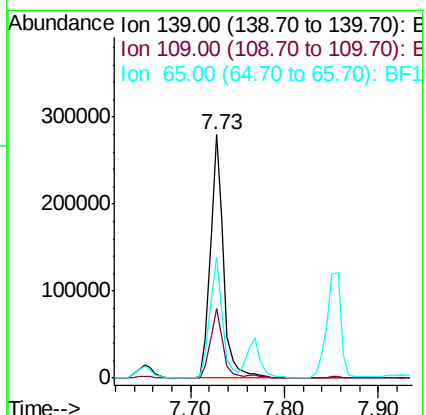
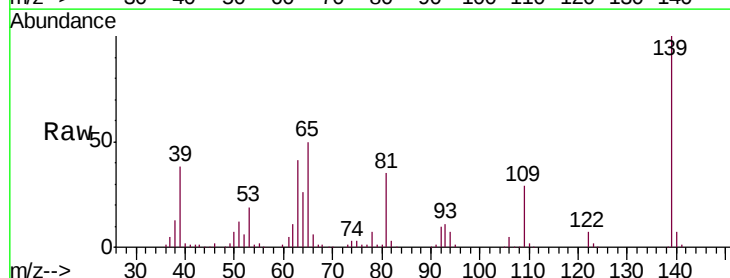
Tgt Ion: 139 Resp: 276303

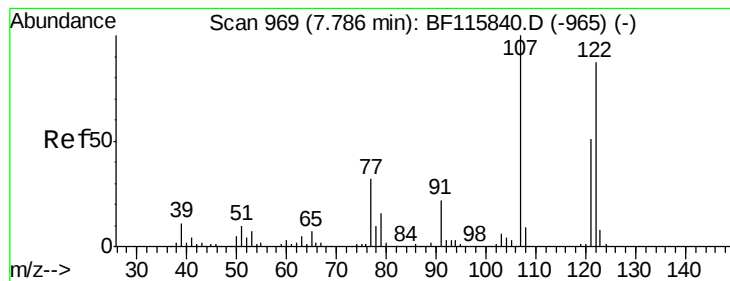
Ion Ratio Lower Upper

139 100

109 28.7 23.4 35.2

65 49.5 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 47.208 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

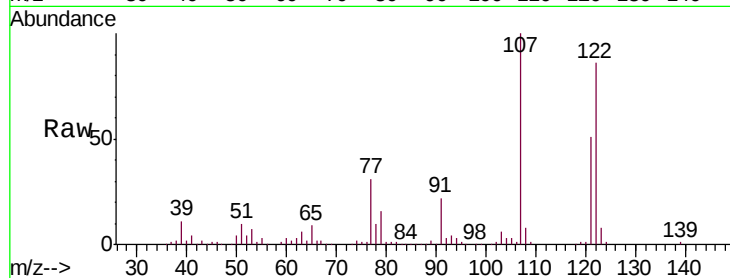
Tgt Ion:122 Resp: 431276

Ion Ratio Lower Upper

122 100

107 115.8 93.0 139.6

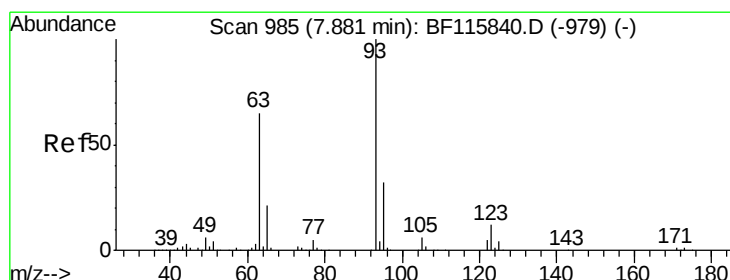
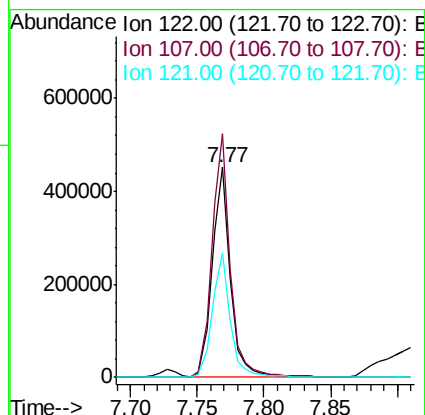
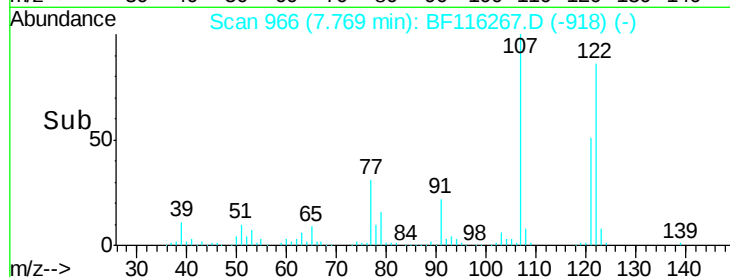
121 59.1 47.6 71.4



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: 44.108 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

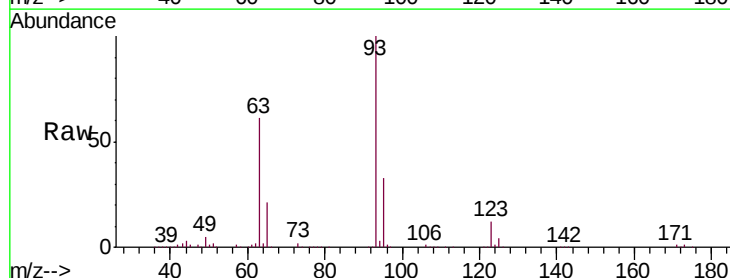
Tgt Ion: 93 Resp: 623674

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

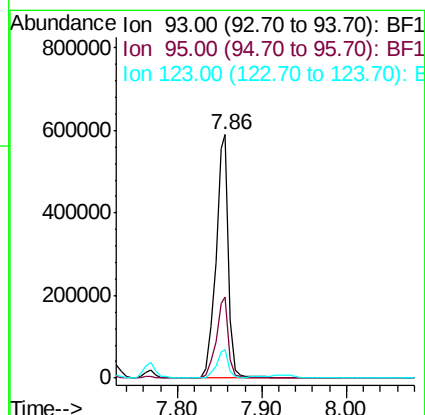
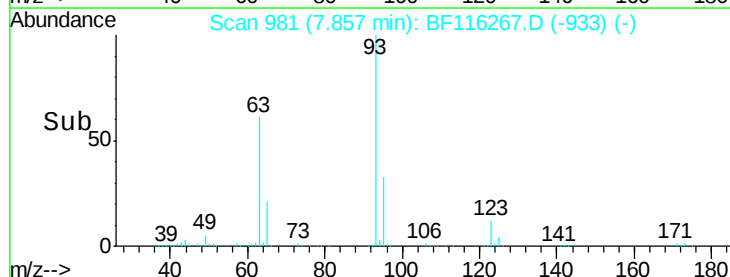
123 11.9 9.2 13.8

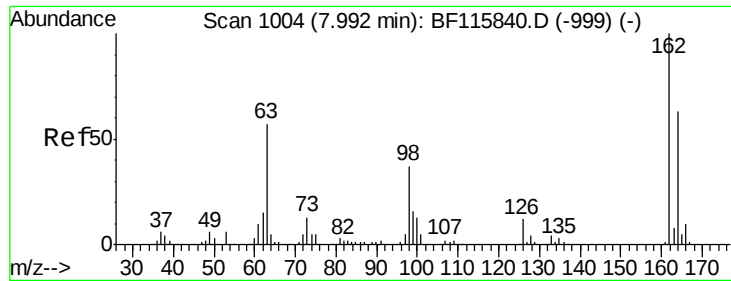


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

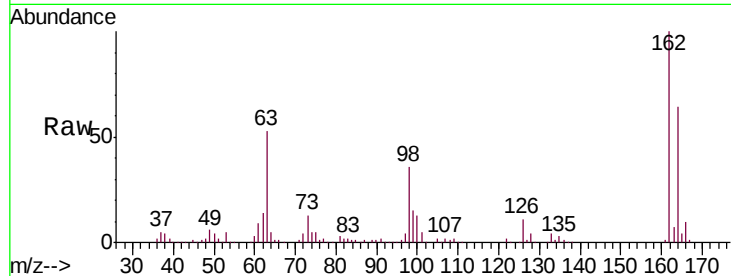




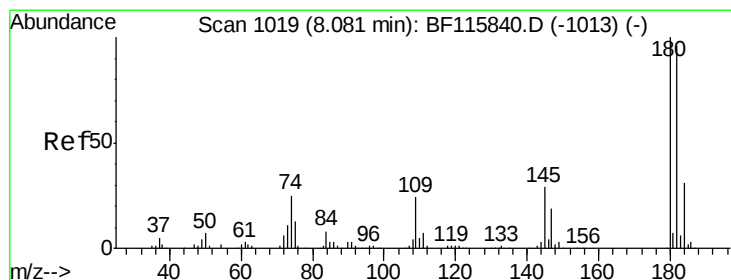
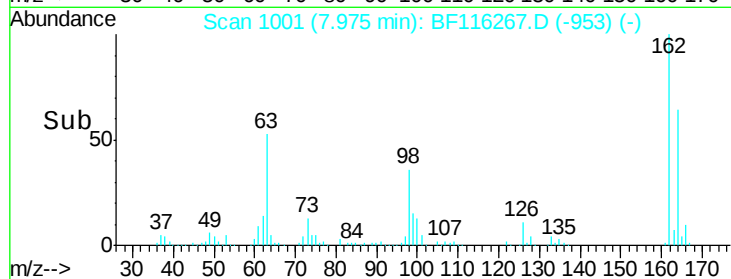
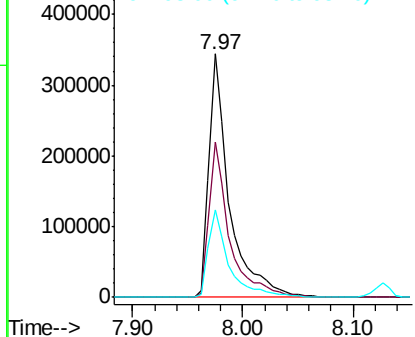
#29
 2,4-Dichlorophenol
 Concen: 44.827 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

Tgt Ion:162 Resp: 432401
 Ion Ratio Lower Upper
 162 100
 164 64.0 45.1 85.1
 98 35.9 15.8 55.8

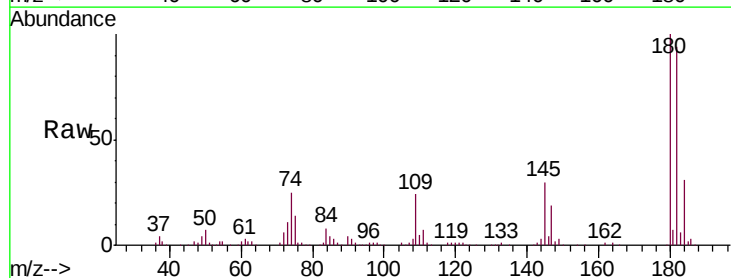


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

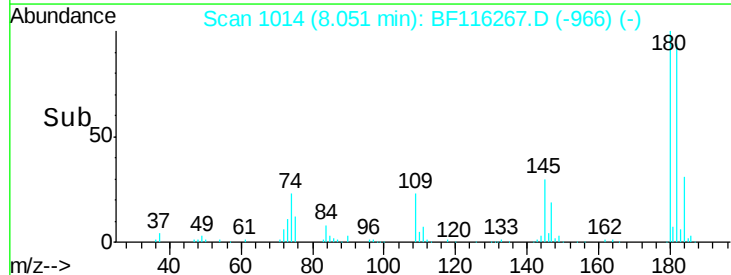
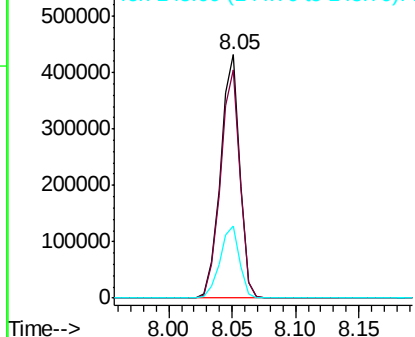


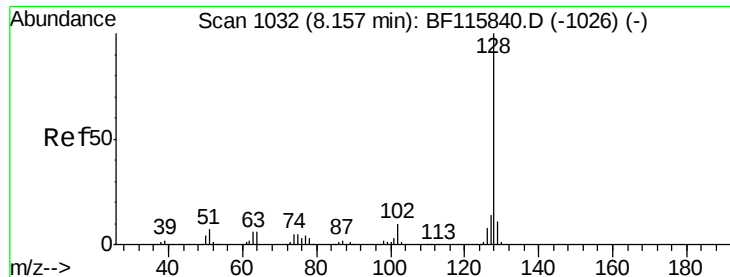
#30
 1,2,4-Trichlorobenzene
 Concen: 41.628 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:180 Resp: 457730
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.7 113.5
 145 29.5 24.3 36.5



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

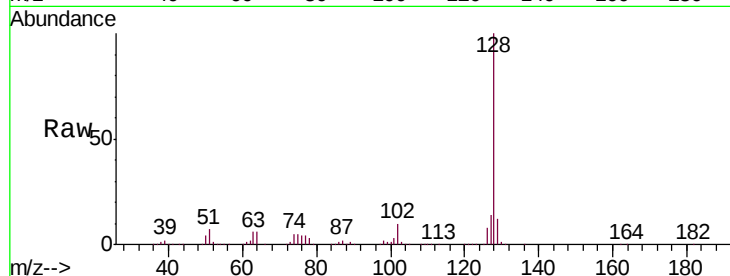




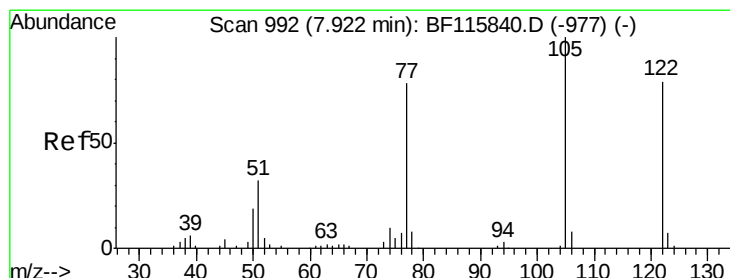
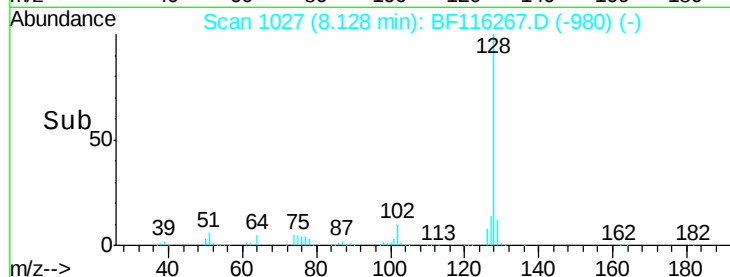
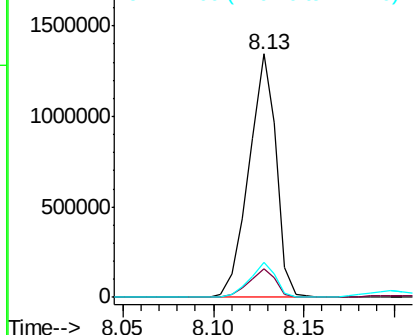
#31
Naphthalene
Concen: 43.236 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

Tgt Ion:128 Resp: 1401124
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.1 11.4 17.0

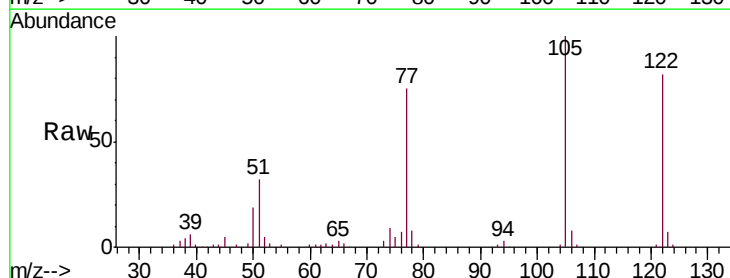


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

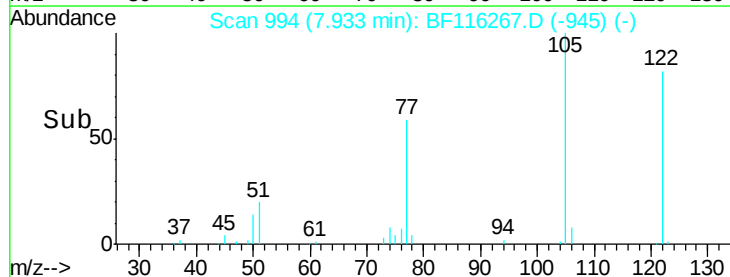
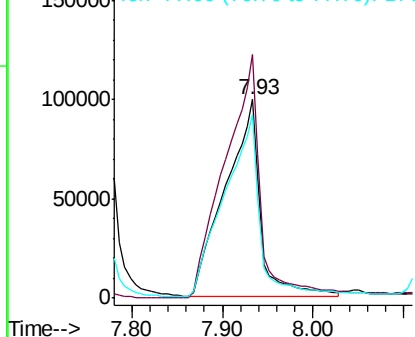


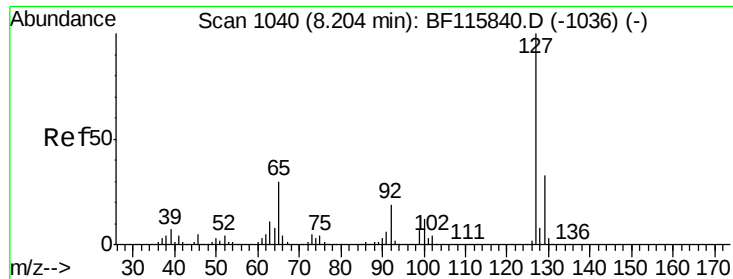
#32
Benzoic acid
Concen: 41.625 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion:122 Resp: 268107
Ion Ratio Lower Upper
122 100
105 122.7 106.1 146.1
77 92.6 76.7 116.7



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

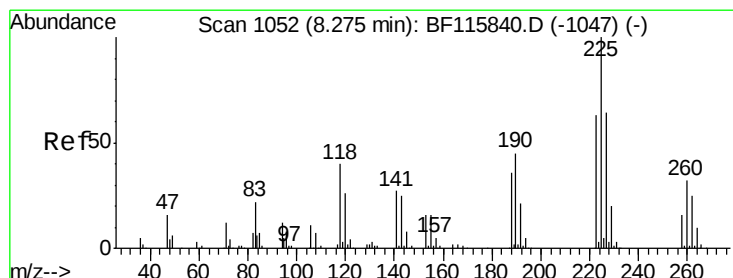
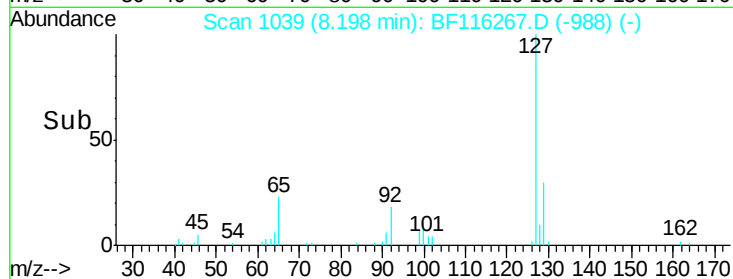
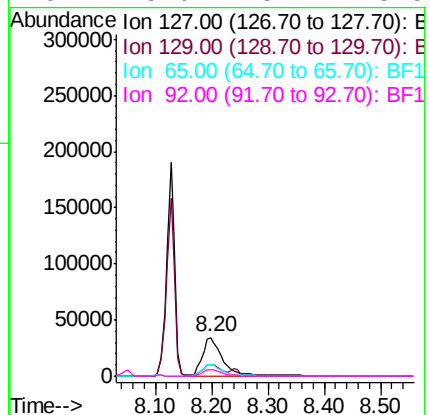
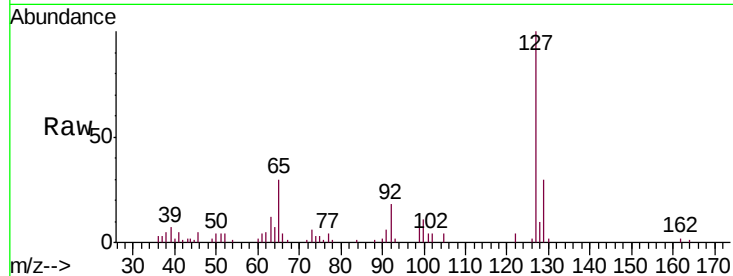




#33
4-Chloroaniline
Concen: 6.111 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

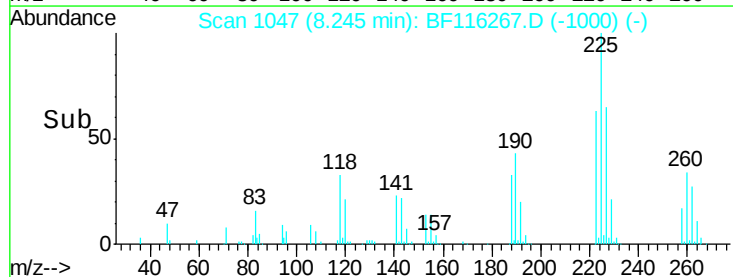
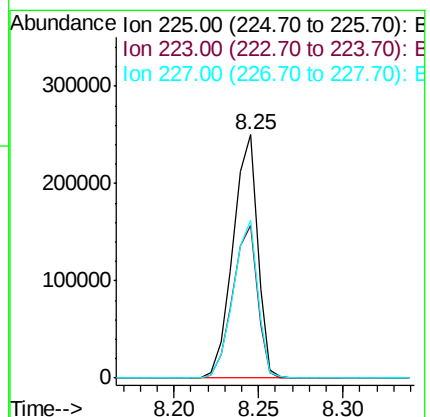
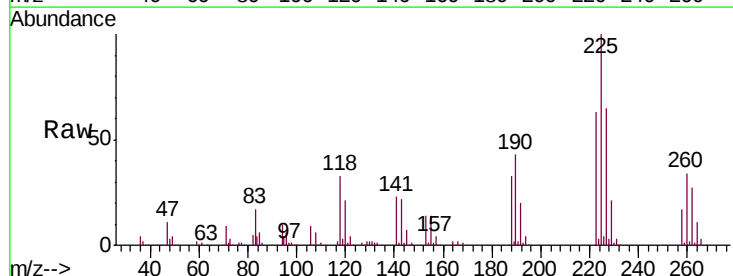
Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

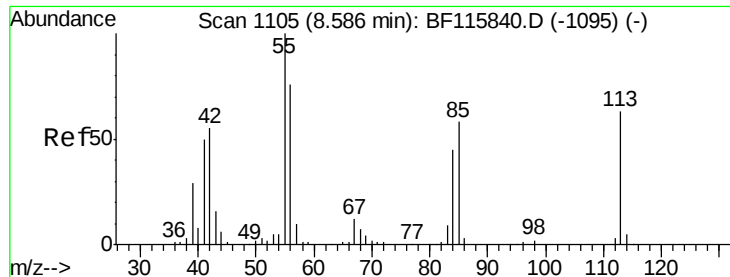
Tgt Ion:	127	Resp:	88489
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.1	39.1
65	30.4	24.9	37.3
92	18.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 40.120 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion:	225	Resp:	254100
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	64.7	51.0	76.4





#35

Caprolactam

Concen: 15.072 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

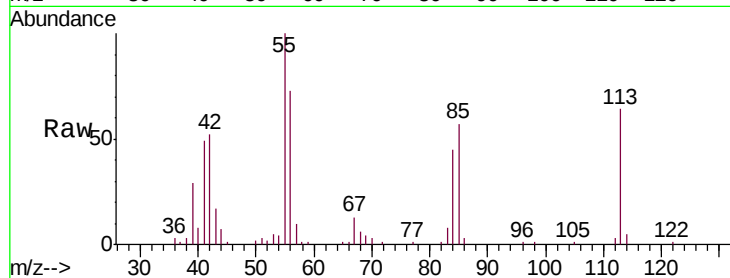
Tgt Ion:113 Resp: 47021

Ion Ratio Lower Upper

113 100

55 155.8 144.3 184.3

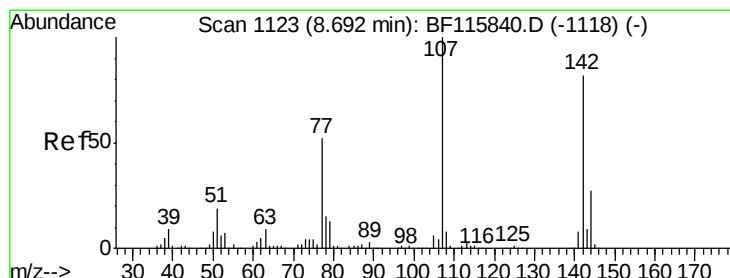
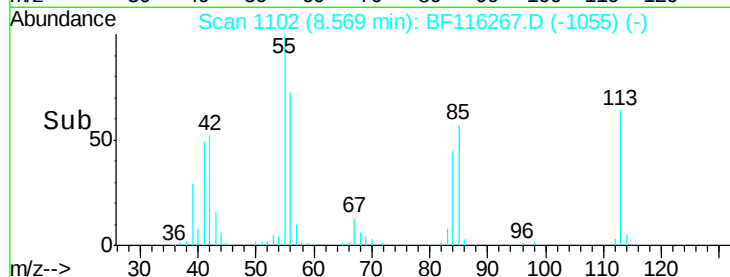
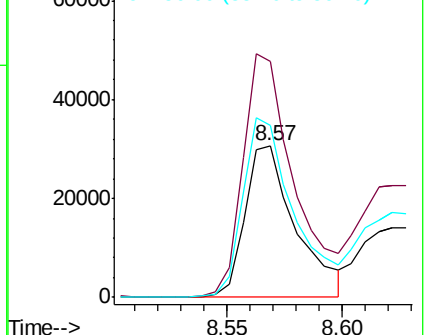
56 113.7 97.1 137.1



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: 41.752 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

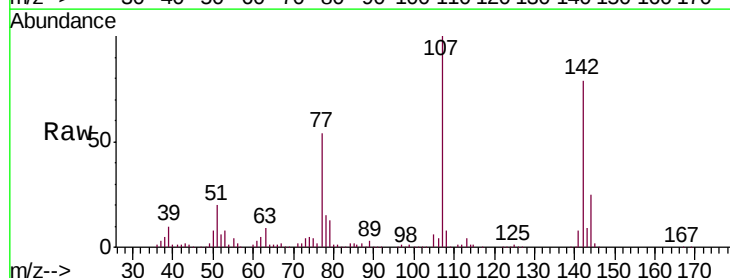
Tgt Ion:107 Resp: 418985

Ion Ratio Lower Upper

107 100

144 25.2 20.2 30.2

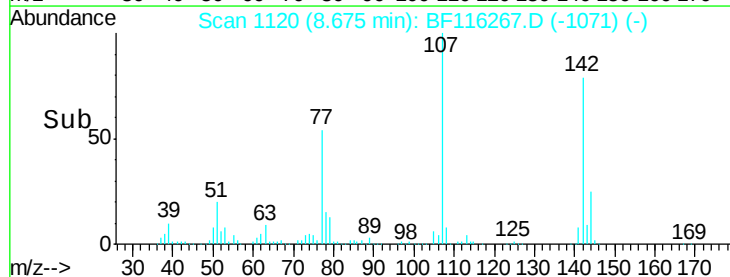
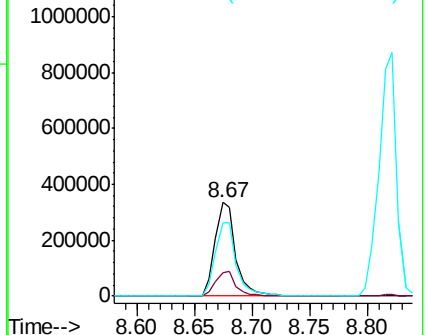
142 78.6 61.7 92.5

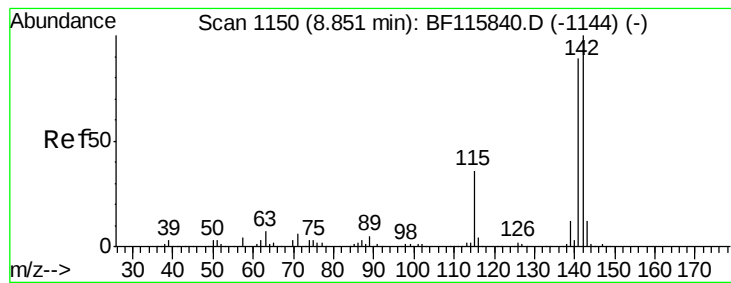


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

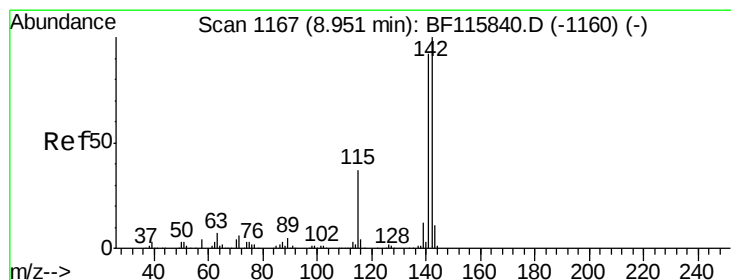
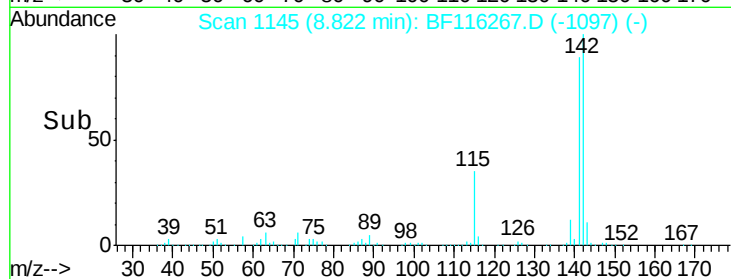
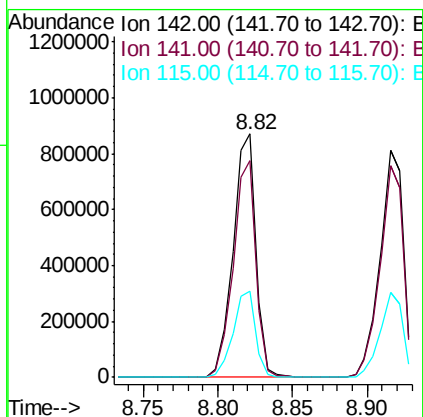
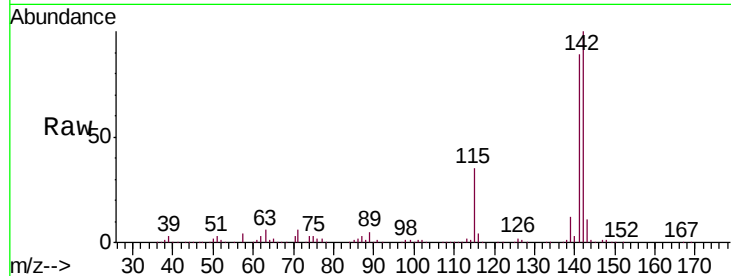




#37
 2-Methylnaphthalene
 Concen: 43.781 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

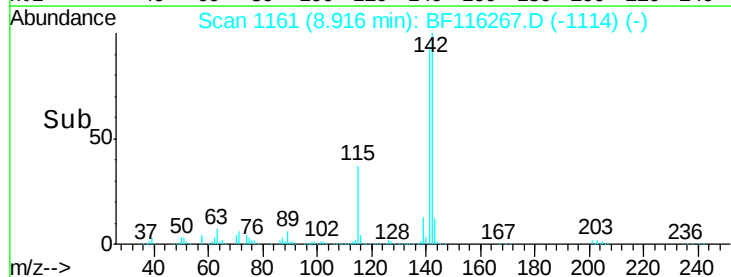
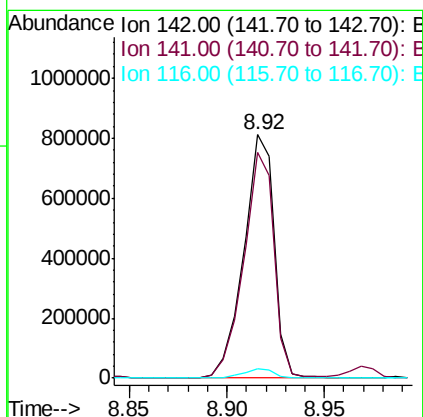
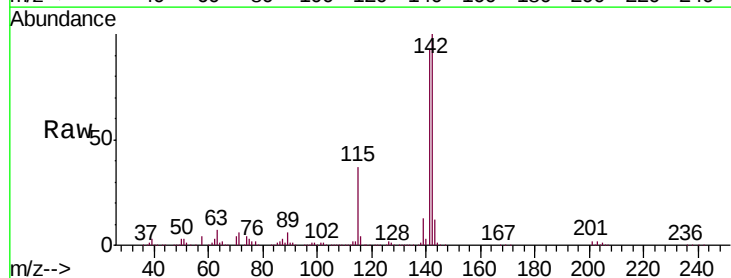
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

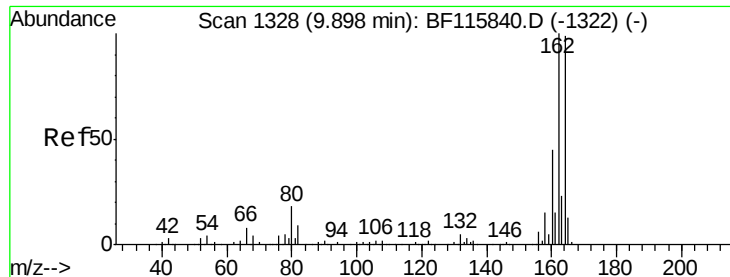
Tgt Ion:142 Resp: 934393
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.9 106.3
 115 35.3 29.0 43.6



#38
 1-Methylnaphthalene
 Concen: 43.133 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:142 Resp: 870891
 Ion Ratio Lower Upper
 142 100
 141 93.0 74.4 111.6
 116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

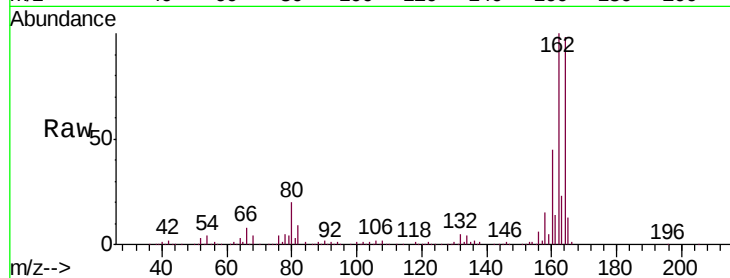
Tgt Ion:164 Resp: 364130

Ion Ratio Lower Upper

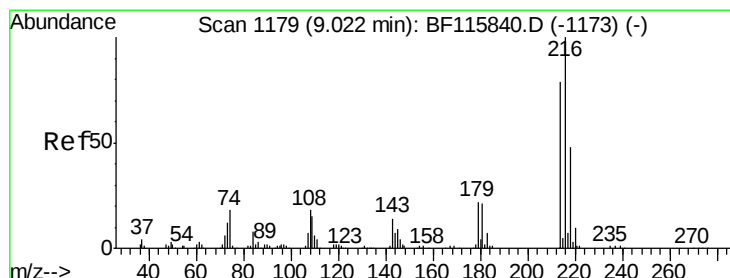
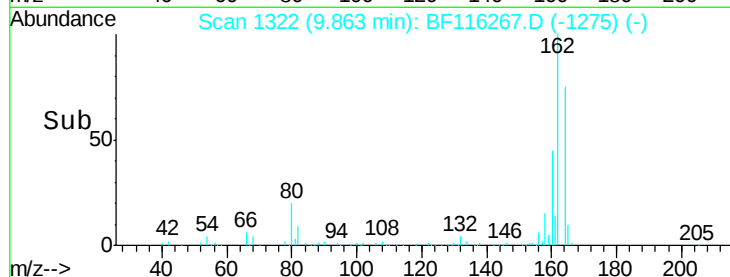
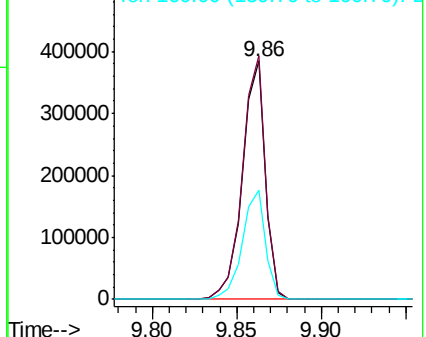
164 100

162 102.3 82.6 124.0

160 45.9 37.6 56.4



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: 44.146 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Tgt Ion:216 Resp: 429744

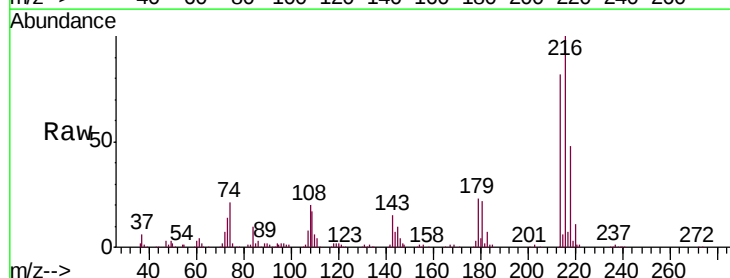
Ion Ratio Lower Upper

216 100

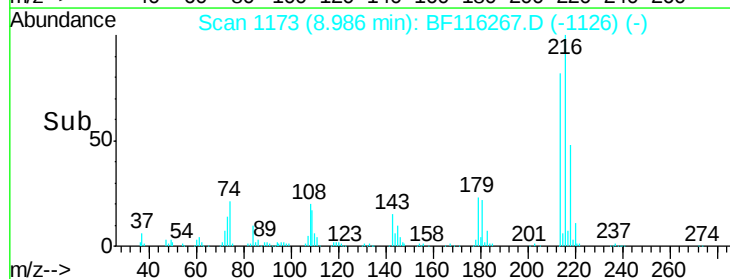
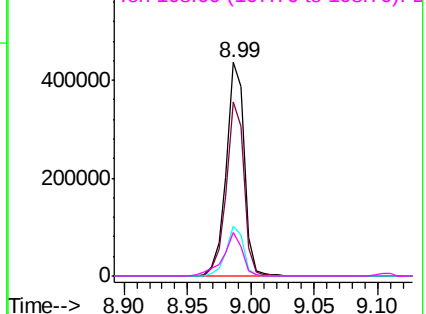
214 79.9 63.6 95.4

179 22.3 17.8 26.8

108 21.4 16.5 24.7



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: 65.308 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

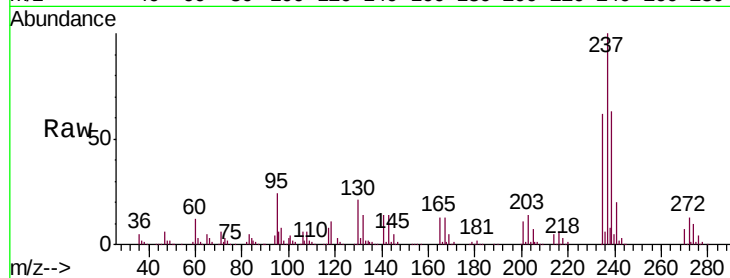
Tgt Ion: 237 Resp: 280275

Ion Ratio Lower Upper

237 100

235 62.3 43.4 83.4

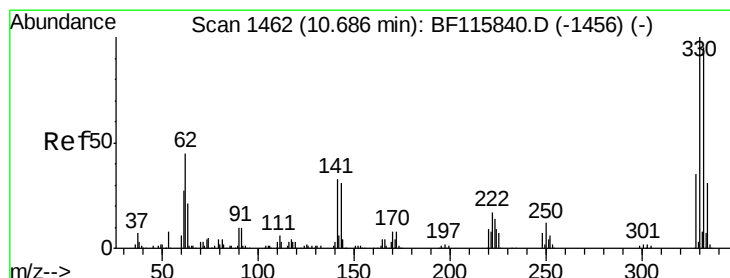
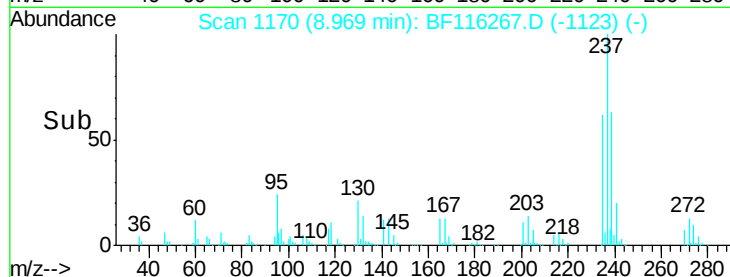
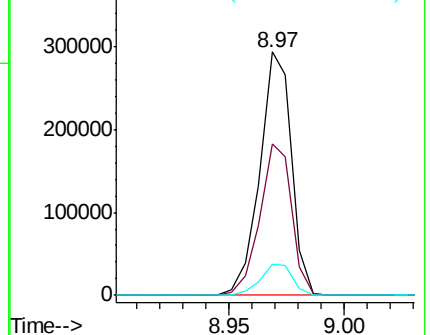
272 12.6 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.517 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

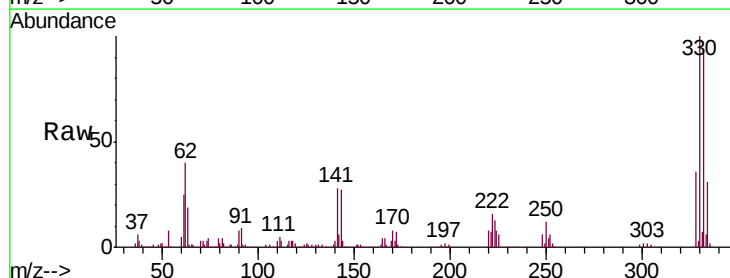
Tgt Ion: 330 Resp: 421937

Ion Ratio Lower Upper

330 100

332 93.9 76.8 115.2

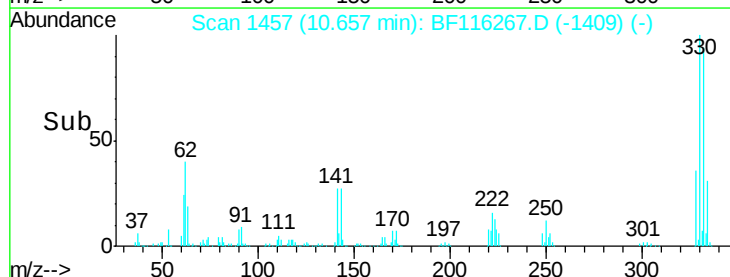
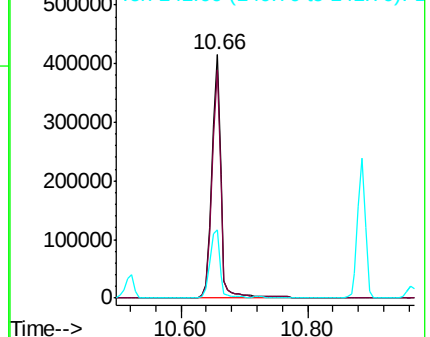
141 30.8 26.3 39.5

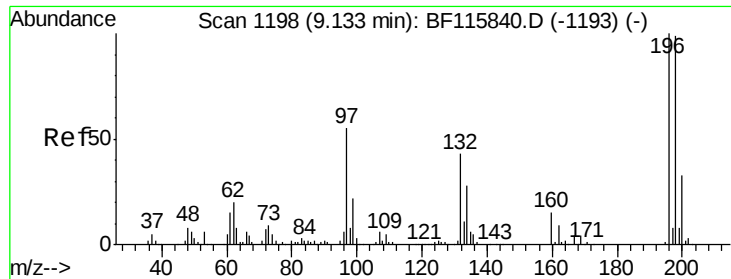


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

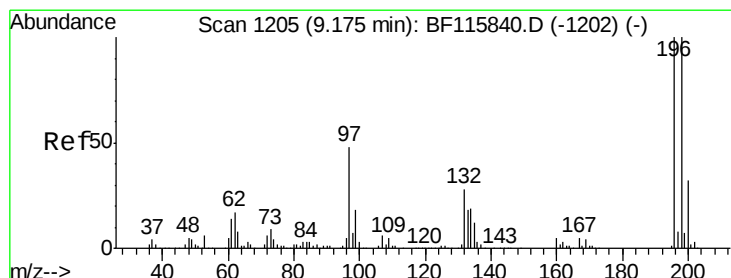
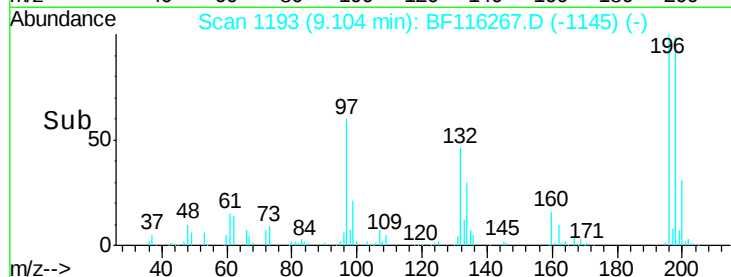
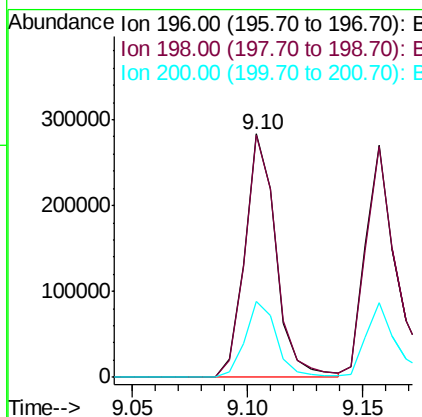
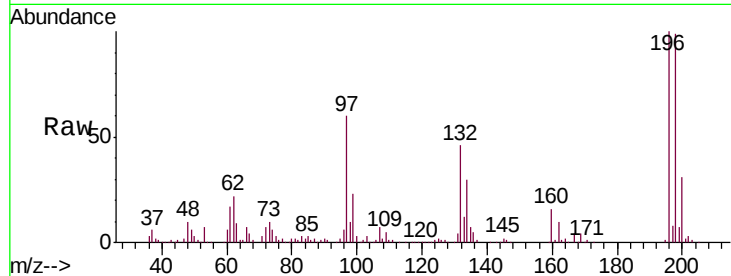




#43
 2,4,6-Trichlorophenol
 Concen: 40.030 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

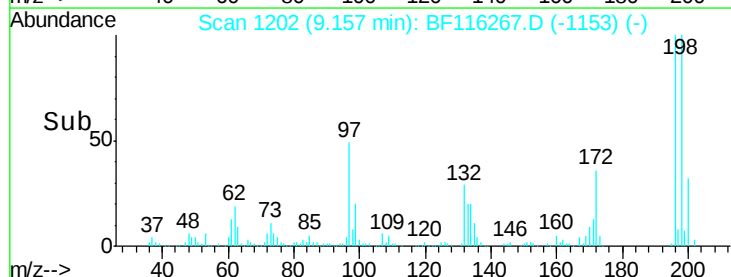
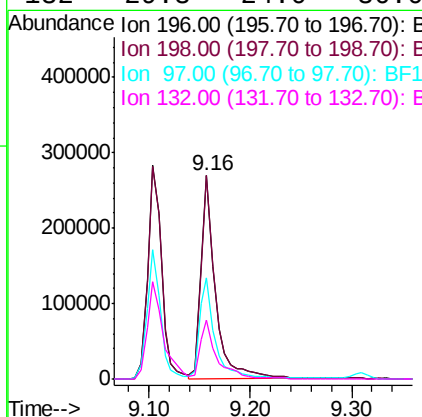
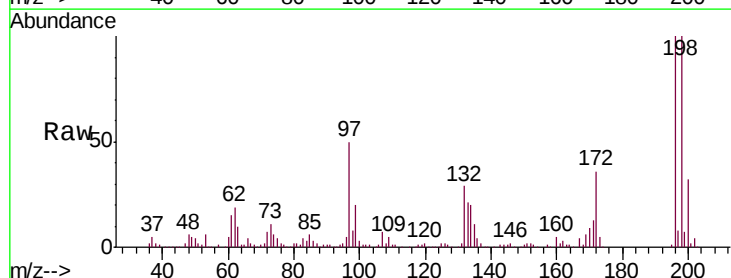
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

Tgt Ion:196 Resp: 268222
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.2 118.8
 200 31.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.168 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:196 Resp: 271290
 Ion Ratio Lower Upper
 196 100
 198 100.0 78.8 118.2
 97 49.8 42.2 63.4
 132 29.3 24.0 36.0

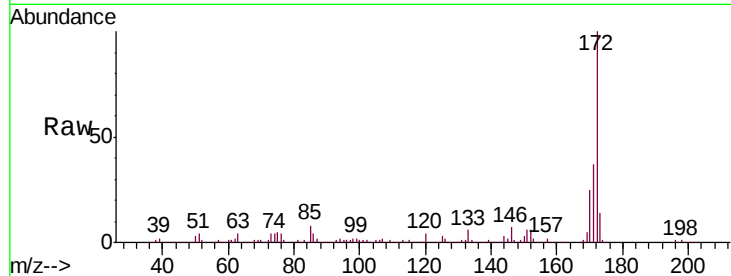




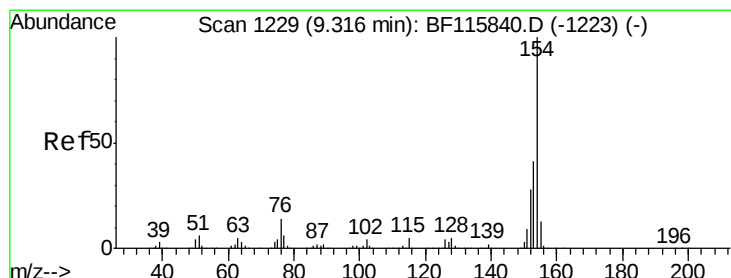
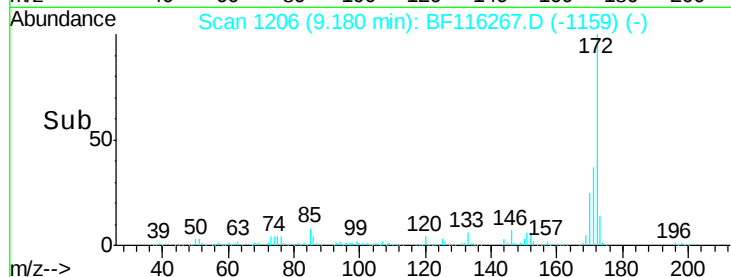
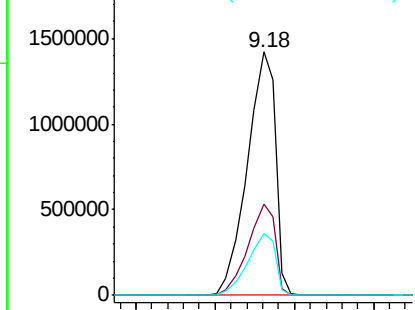
#45
 2-Fluorobiphenyl
 Concen: 90.344 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

Tgt Ion:172 Resp: 1756307
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 25.3 20.1 30.1

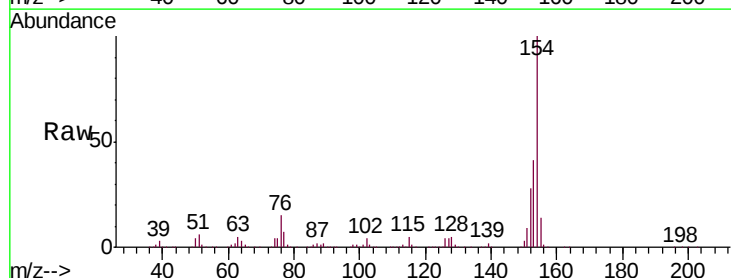


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

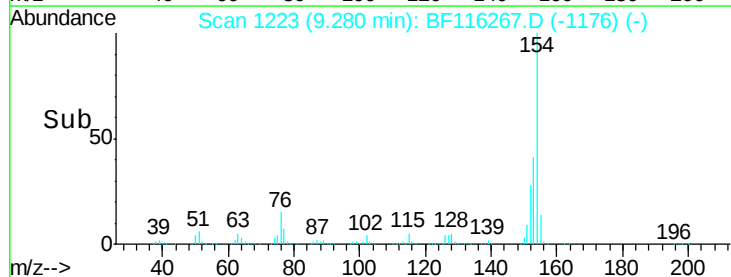
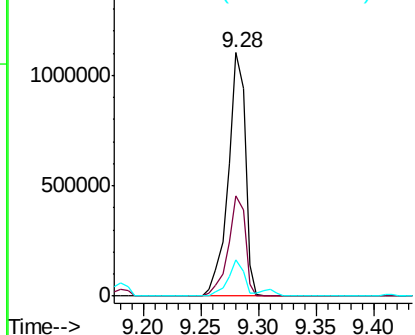


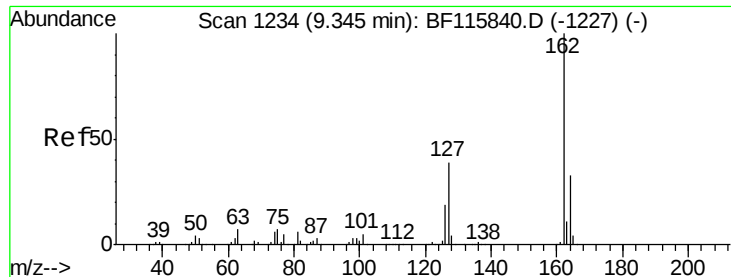
#46
 1,1'-Biphenyl
 Concen: 43.950 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:154 Resp: 1129842
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.4 61.4
 76 14.7 0.0 35.2



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

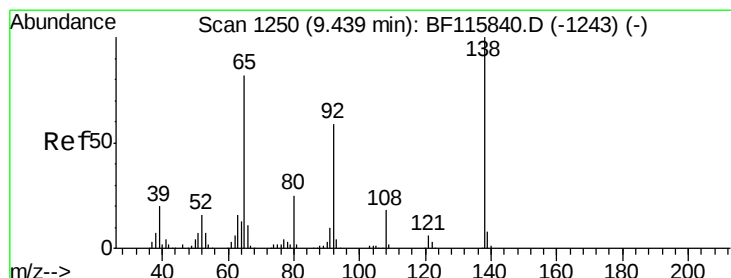
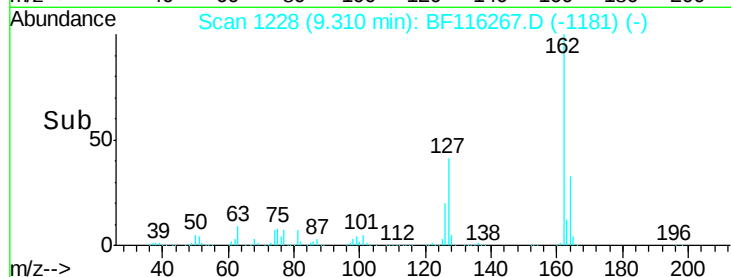
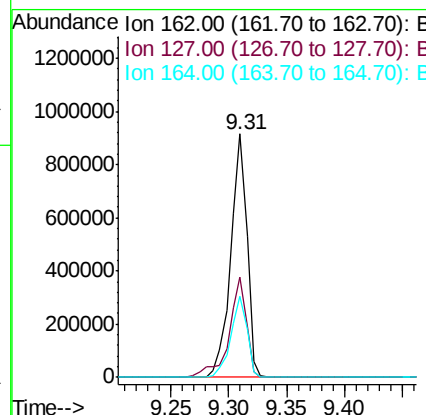
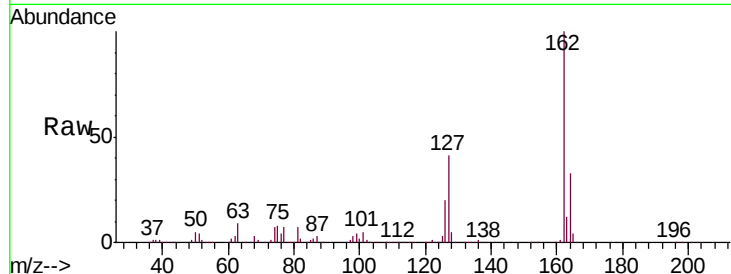




#47
 2-Chloronaphthalene
 Concen: 41.616 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

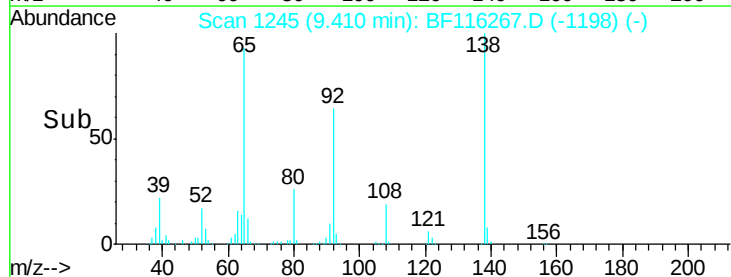
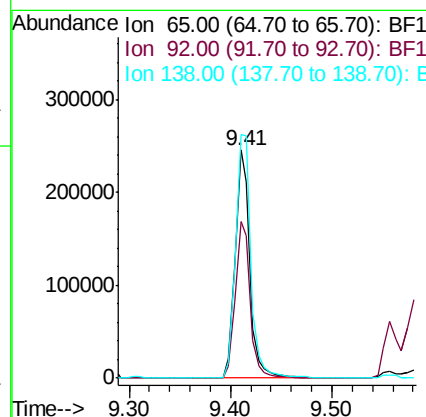
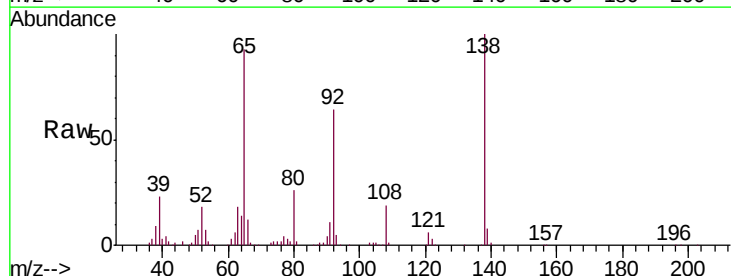
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

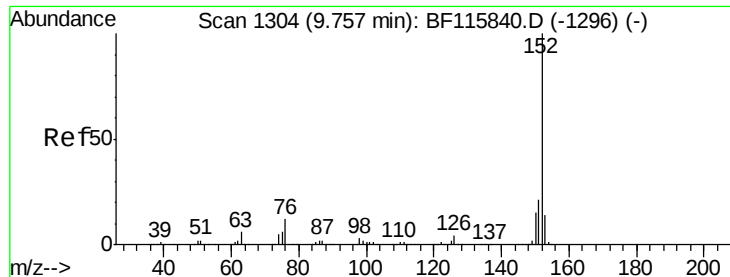
Tgt Ion: 162 Resp: 890421
 Ion Ratio Lower Upper
 162 100
 127 41.2 32.8 49.2
 164 33.3 26.6 39.8



#48
 2-Nitroaniline
 Concen: 34.966 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion: 65 Resp: 247287
 Ion Ratio Lower Upper
 65 100
 92 68.7 57.8 86.8
 138 107.0 94.0 141.0





#49

Acenaphthylene

Concen: 40.768 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

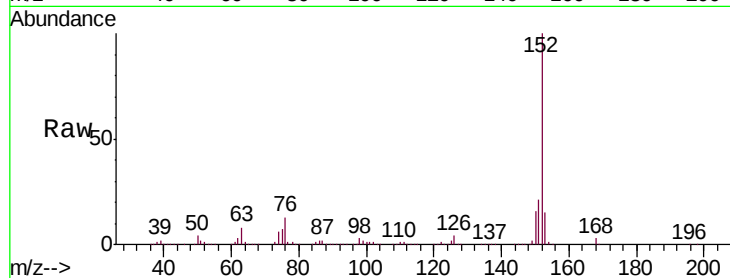
Tgt Ion:152 Resp: 1272578

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

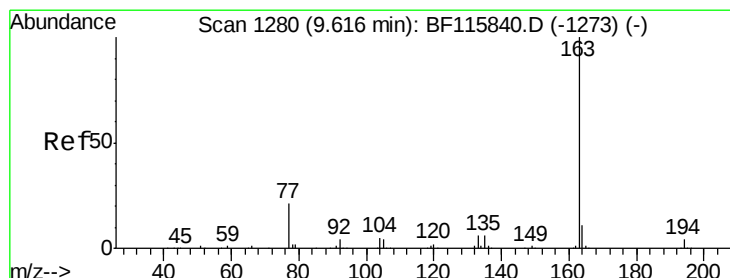
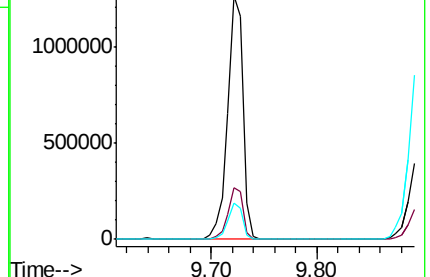
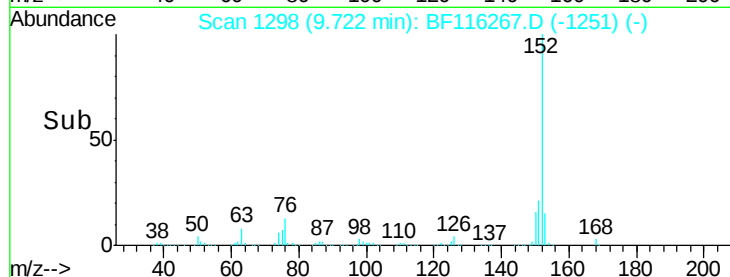
153 14.7 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.752 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

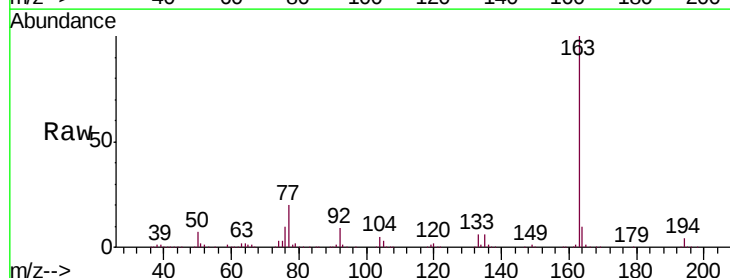
Tgt Ion:163 Resp: 1059956

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

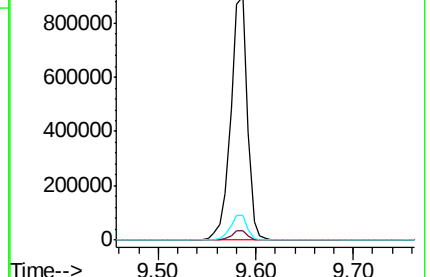
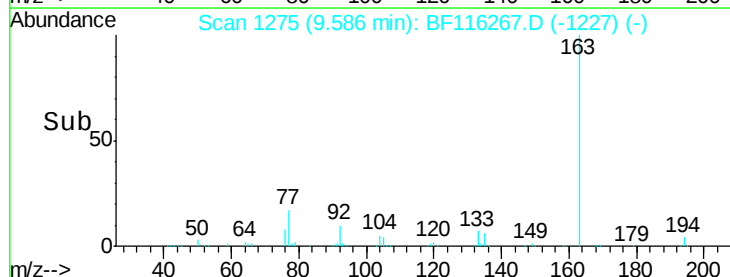
164 10.2 8.4 12.6

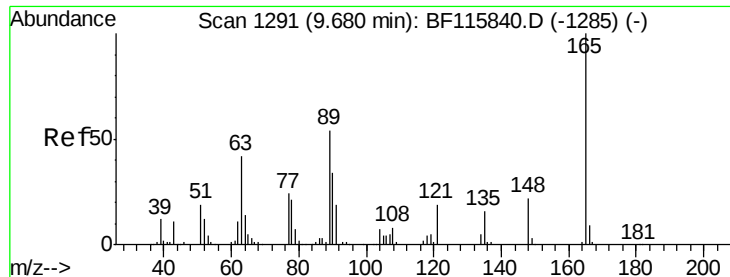


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.345 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

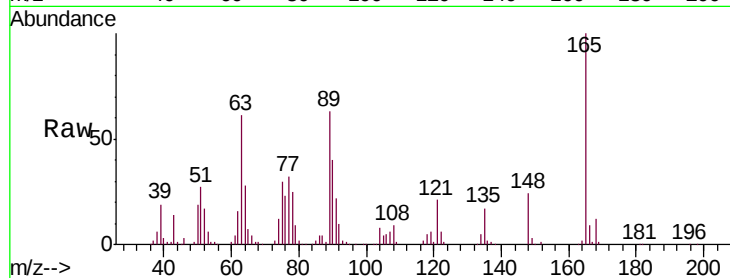
Tgt Ion:165 Resp: 222767

Ion Ratio Lower Upper

165 100

63 60.9 38.2 57.2#

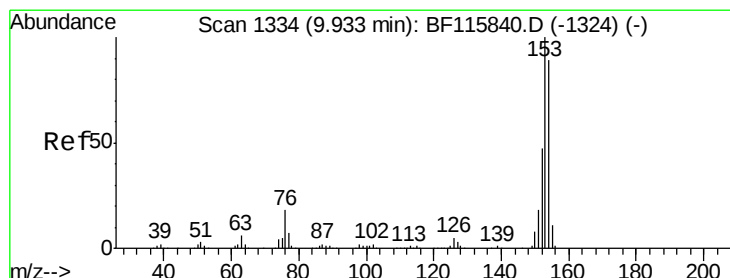
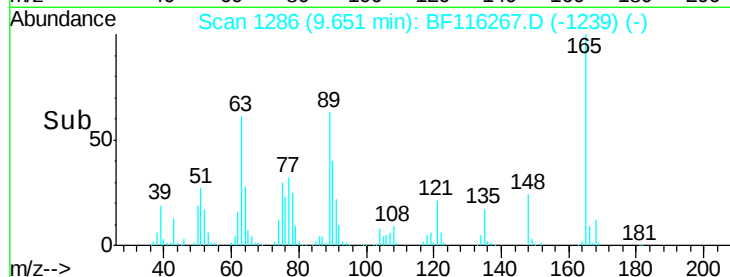
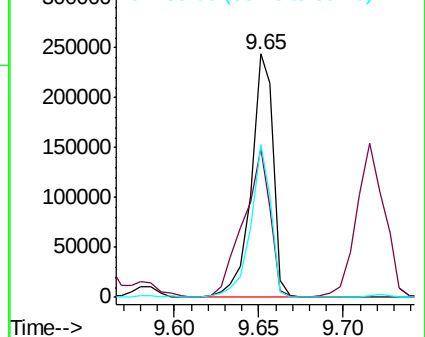
89 62.7 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.308 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

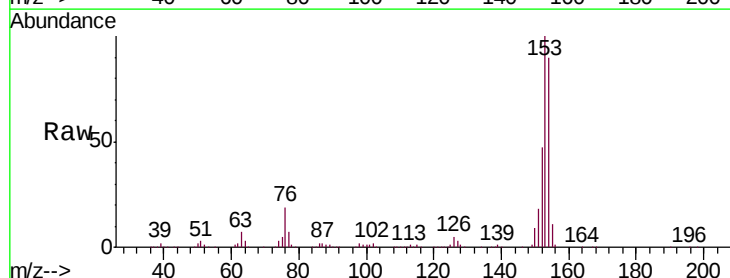
Tgt Ion:154 Resp: 791057

Ion Ratio Lower Upper

154 100

153 111.5 89.4 134.0

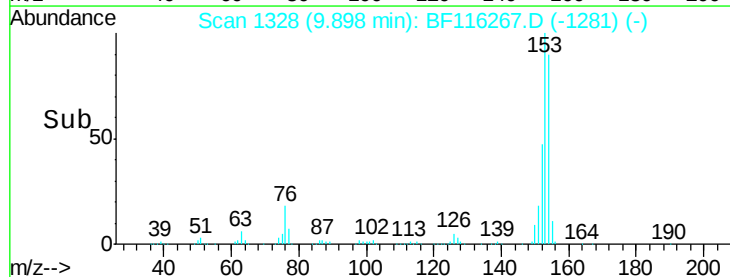
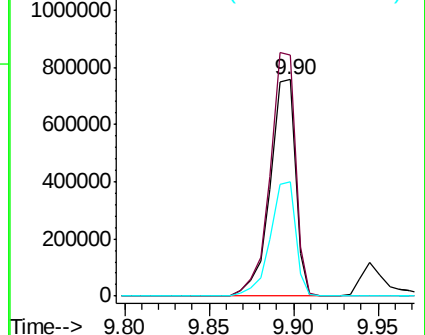
152 52.9 42.3 63.5

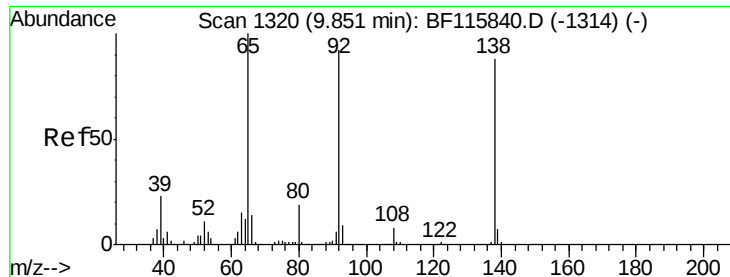


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

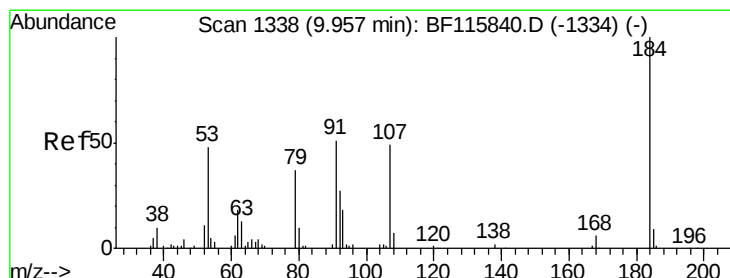
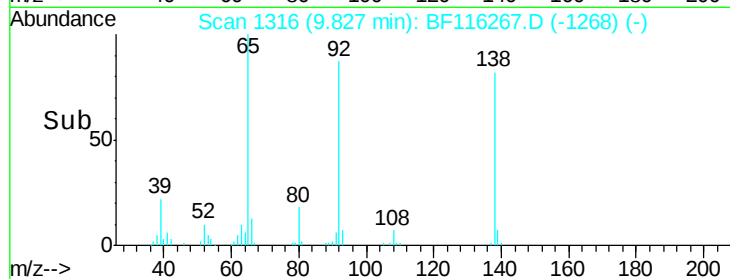
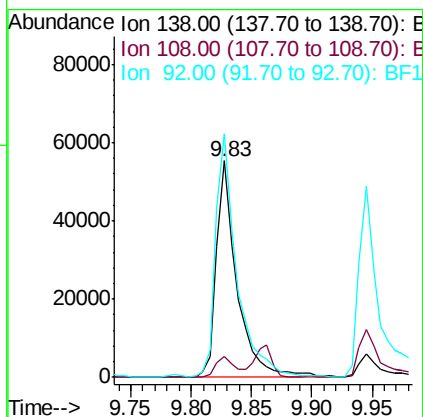
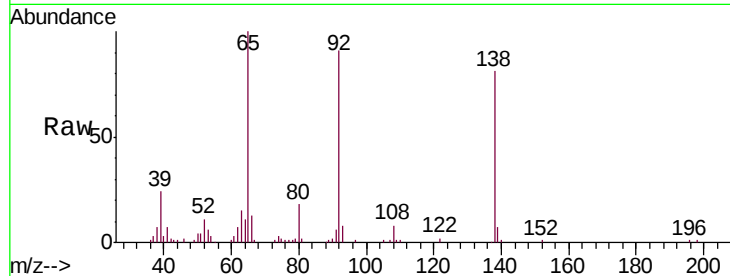




#53
 3-Nitroaniline
 Concen: 9.728 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

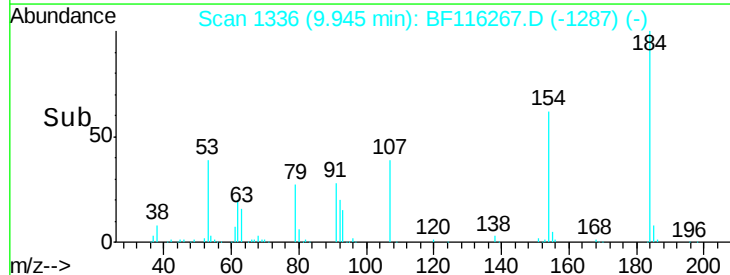
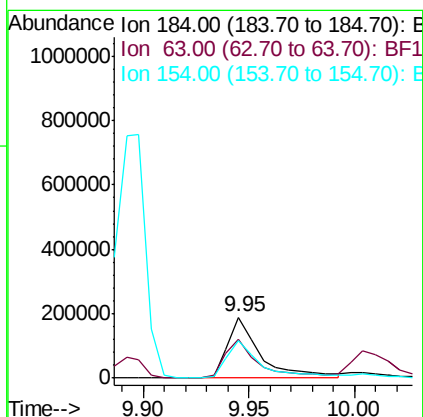
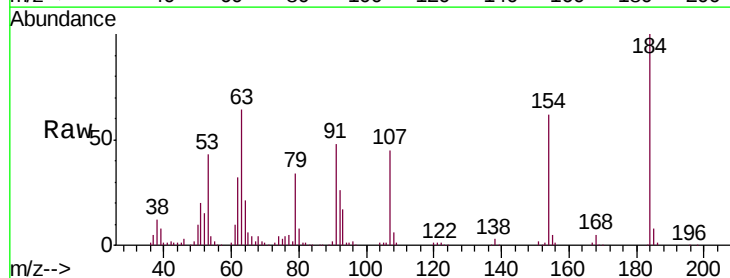
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

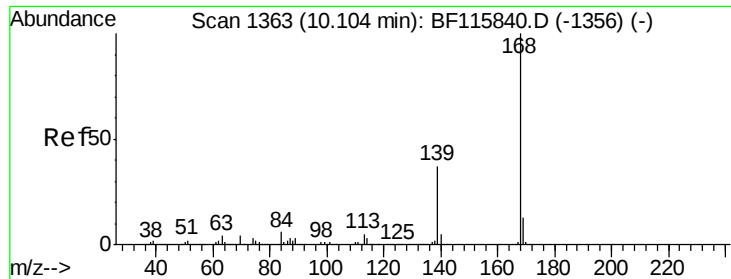
Tgt Ion:138 Resp: 64764
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.0 12.0
 92 112.6 91.0 136.6



#54
 2,4-Dinitrophenol
 Concen: 75.596 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:184 Resp: 205859
 Ion Ratio Lower Upper
 184 100
 63 64.3 53.0 79.4
 154 62.2 50.1 75.1





#55

Dibenzofuran

Concen: 39.010 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

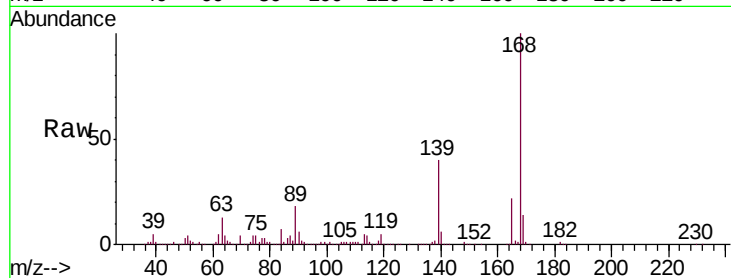
Tgt Ion:168 Resp: 1086377

Ion Ratio Lower Upper

168 100

139 40.4 31.4 47.2

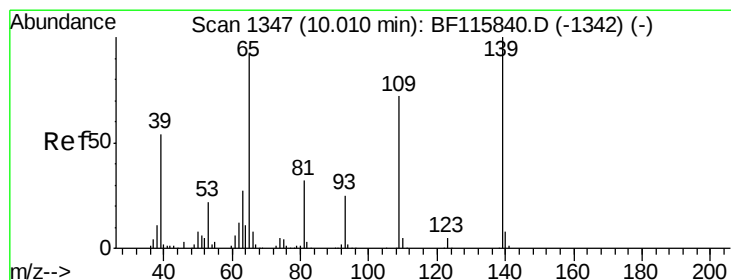
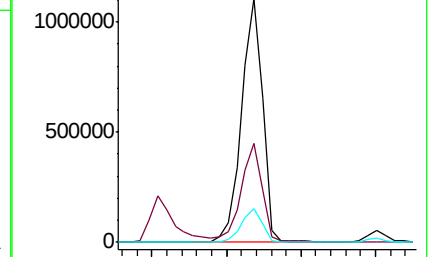
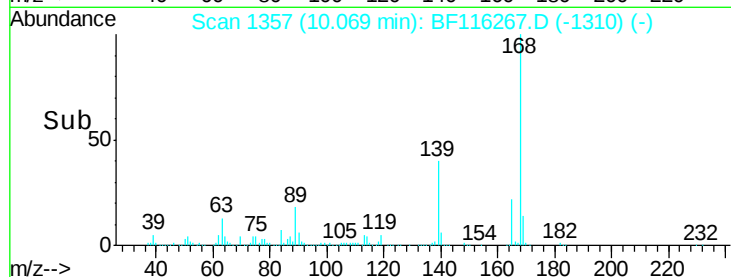
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

1500000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 55.192 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

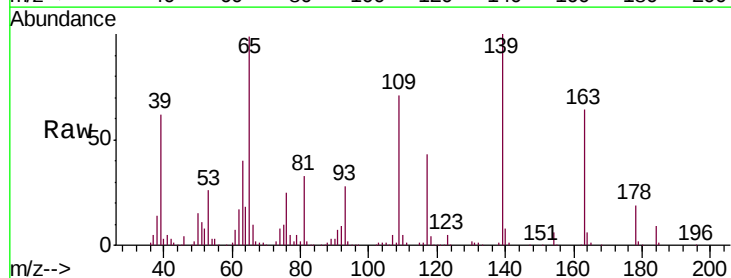
Tgt Ion:139 Resp: 235383

Ion Ratio Lower Upper

139 100

109 71.2 54.4 94.4

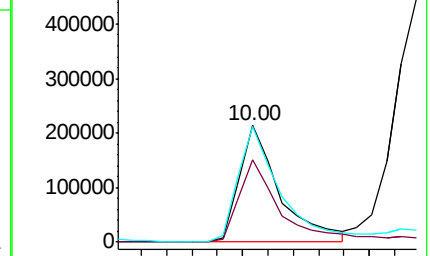
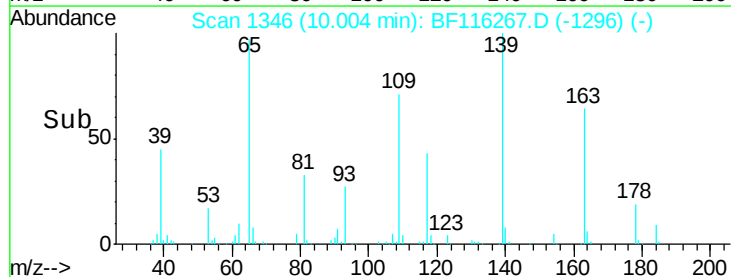
65 99.2 80.6 120.6

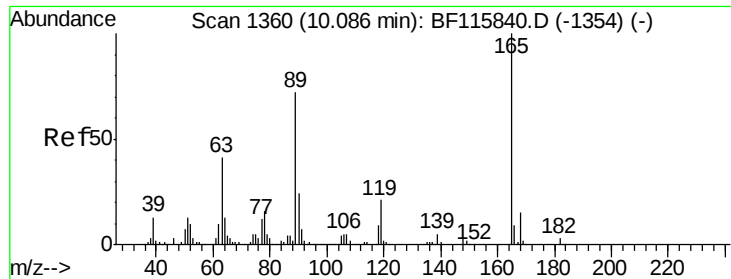


Abundance Ion 139.00 (138.70 to 139.70): E

600000 Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

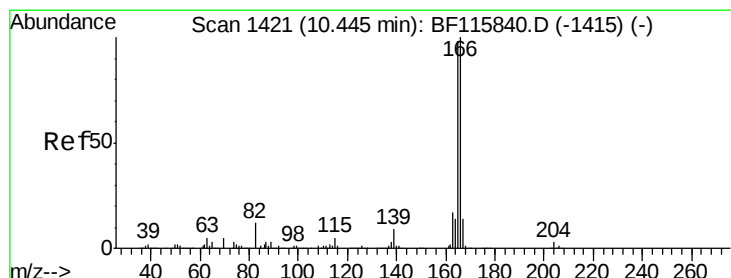
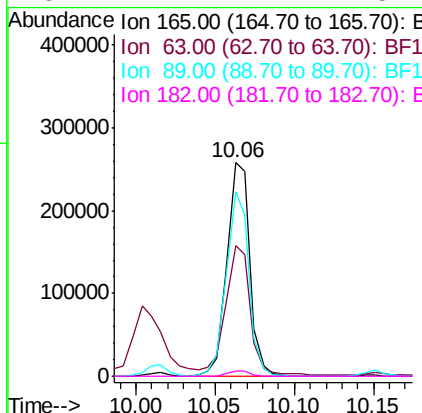
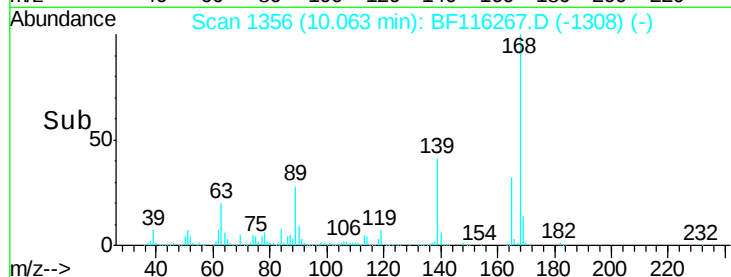
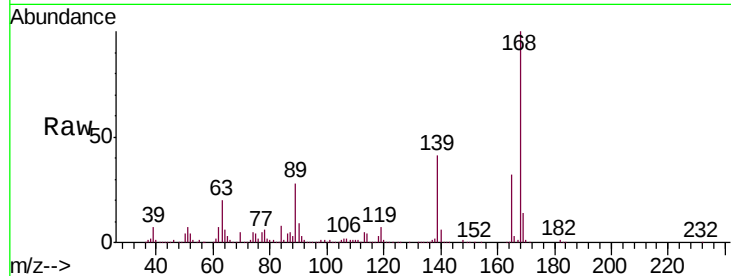




#57
 2,4-Dinitrotoluene
 Concen: 36.132 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

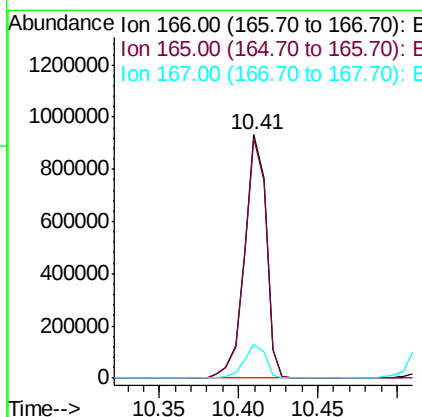
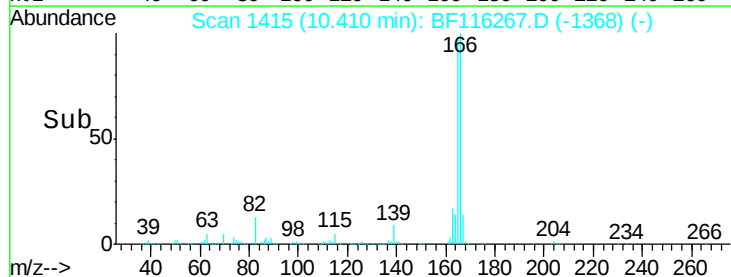
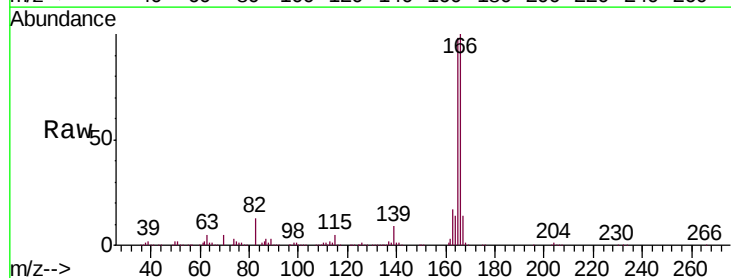
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

Tgt Ion:	165	Resp:	259199
Ion	Ratio	Lower	Upper
165	100		
63	61.3	39.6	59.4#
89	86.3	62.2	93.2
182	2.4	2.1	3.1



#58
 Fluorene
 Concen: 40.896 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:	166	Resp:	876260
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	13.6	11.0	16.4

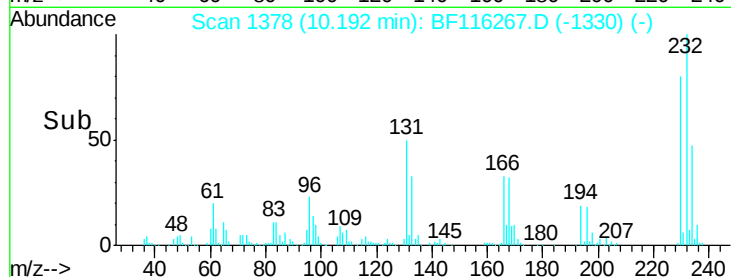
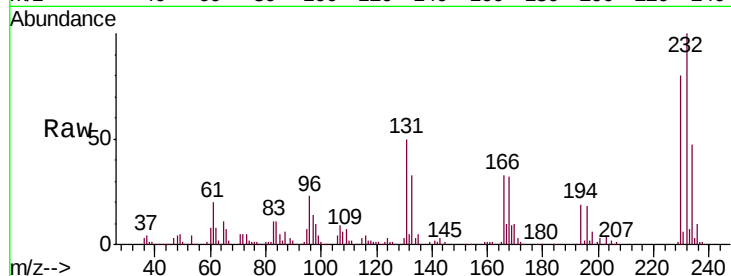




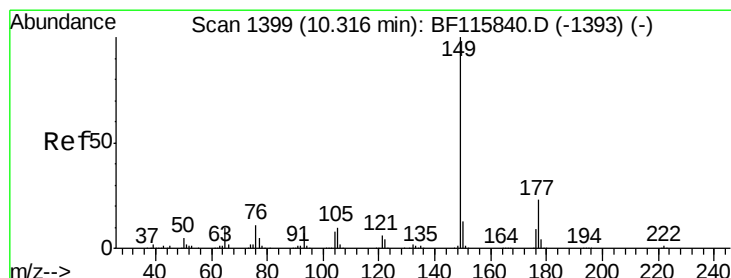
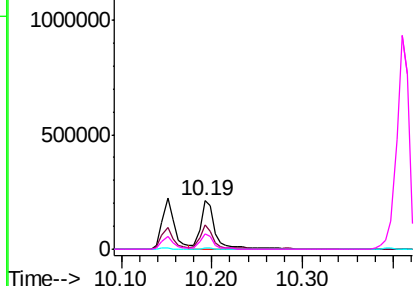
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.501 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.5	36.2	54.2
130	2.5	1.9	2.9
166	29.2	23.0	34.4

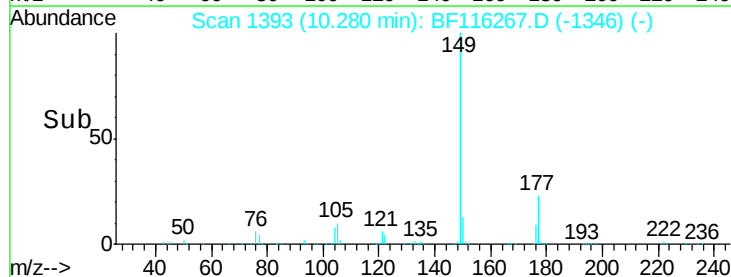
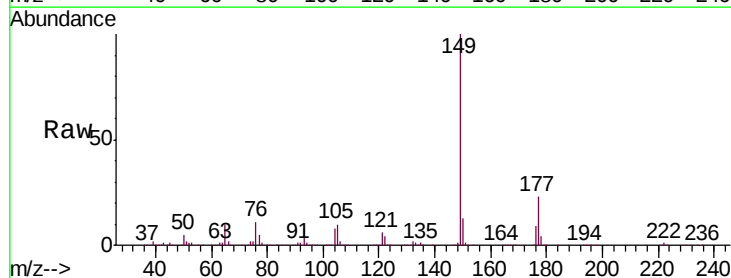


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

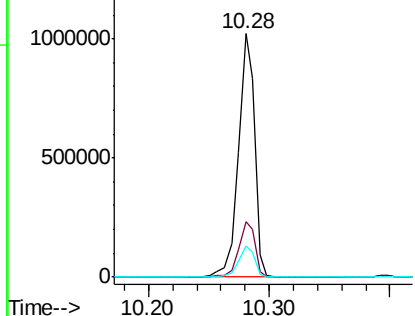


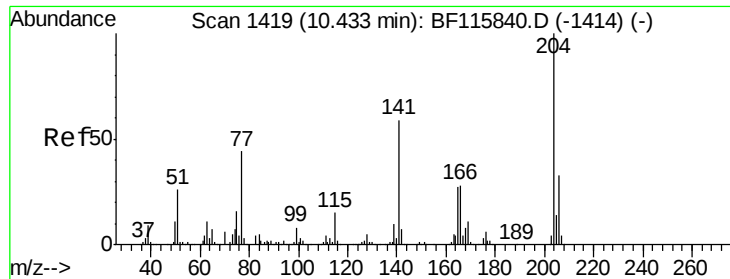
#60
 Diethylphthalate
 Concen: 41.187 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.9	10.2	15.4



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

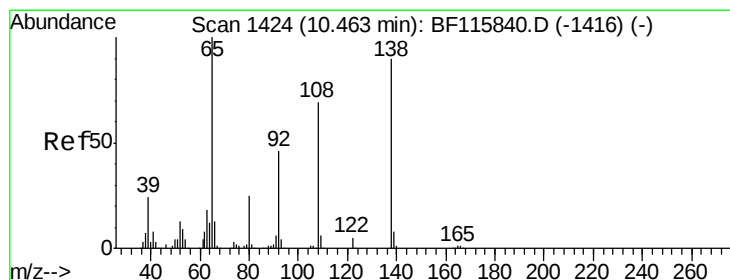
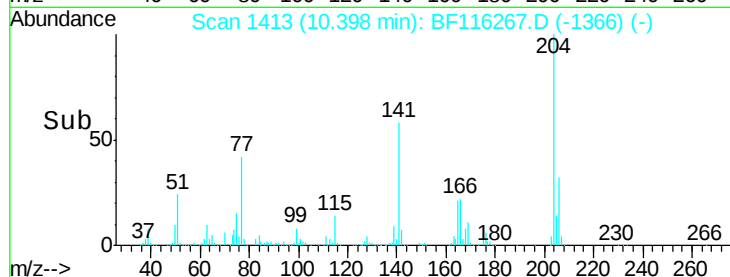
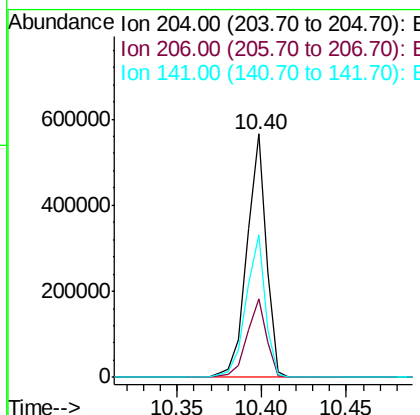
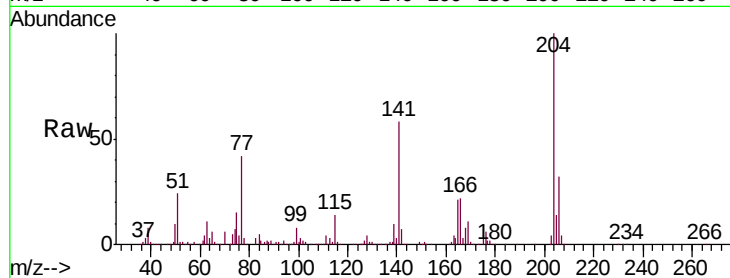




#61
 4-Chlorophenyl-phenylether
 Concen: 41.989 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

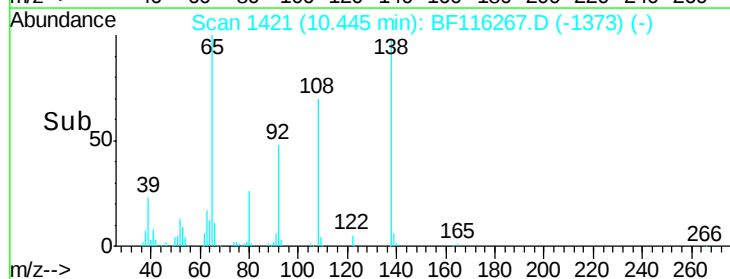
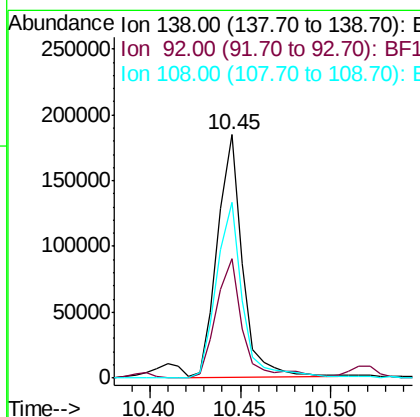
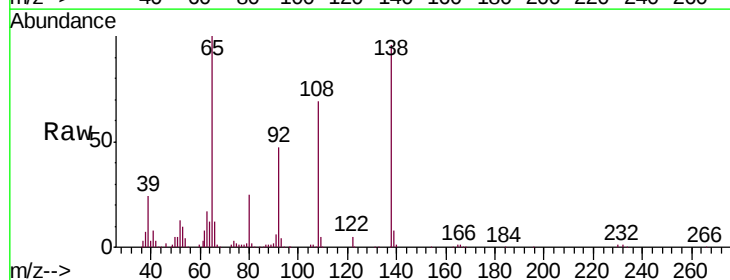
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

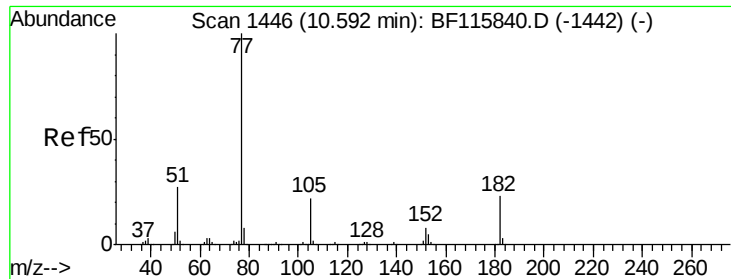
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.4	39.6
141	58.3	46.4	69.6



#62
 4-Nitroaniline
 Concen: 25.599 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.0	69.0
108	72.0	54.7	94.7





#63

Azobenzene

Concen: 41.207 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

Tgt Ion: 77 Resp: 981084

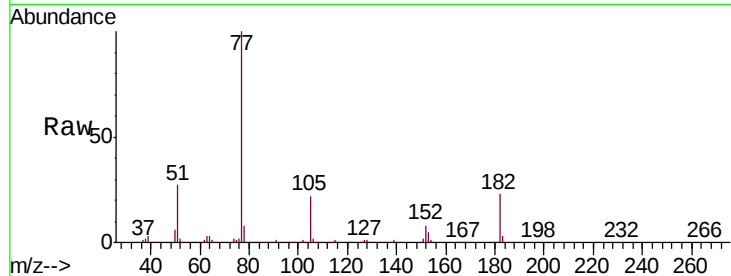
Ion Ratio Lower Upper

77 100

182 23.2 4.0 44.0

105 21.6 2.0 42.0

51 27.3 7.5 47.5

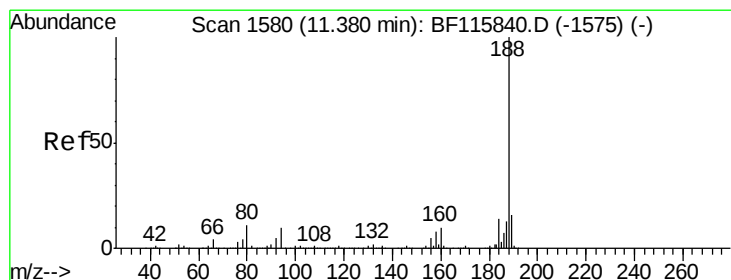
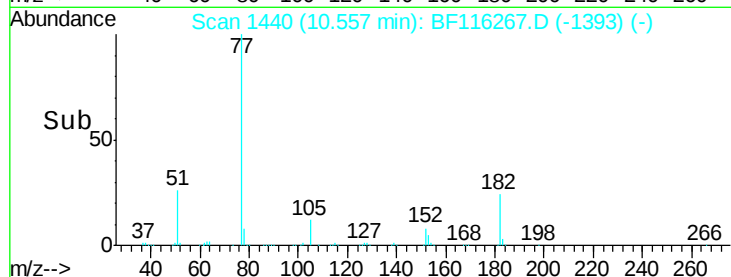
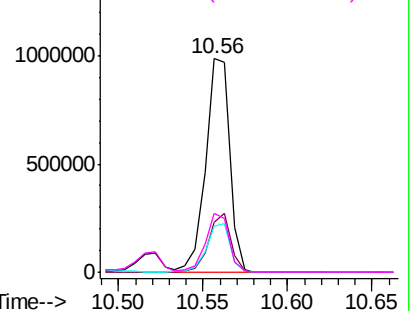


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

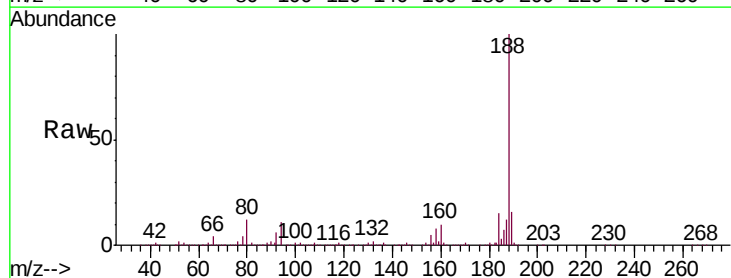
Tgt Ion: 188 Resp: 617139

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

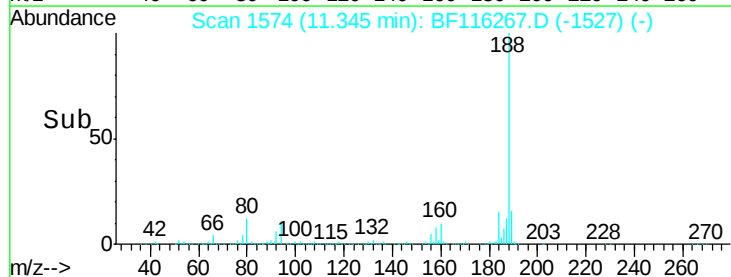
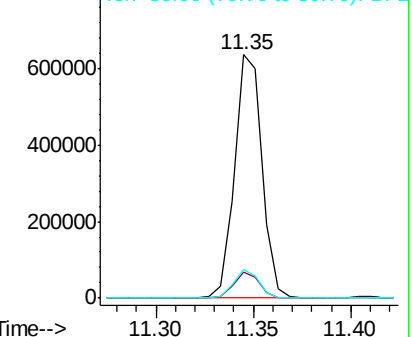
80 11.8 8.7 13.1

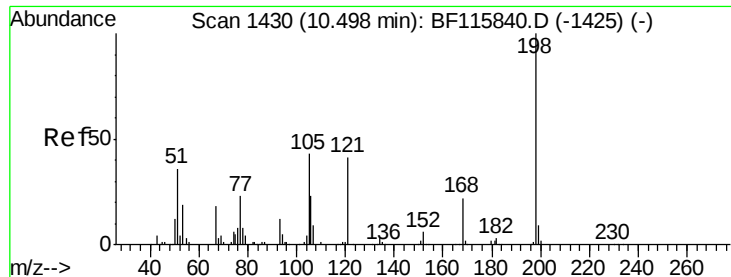


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.886 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

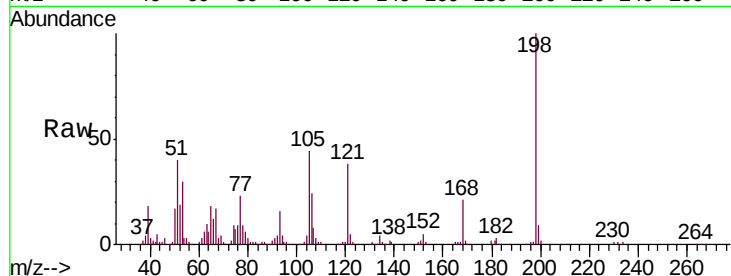
Tgt Ion:198 Resp: 146796

Ion Ratio Lower Upper

198 100

51 39.7 17.0 57.0

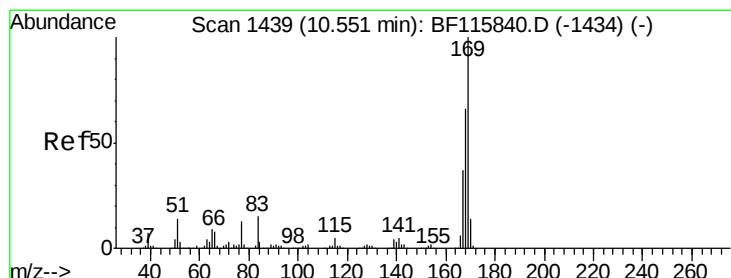
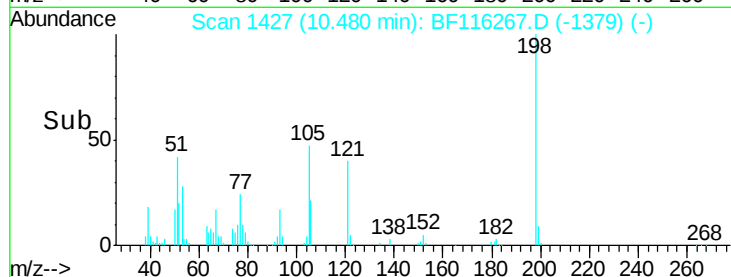
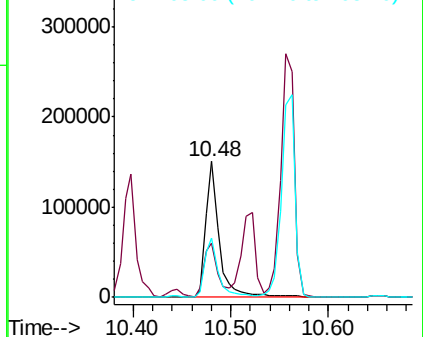
105 43.9 21.6 61.6



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: 38.748 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

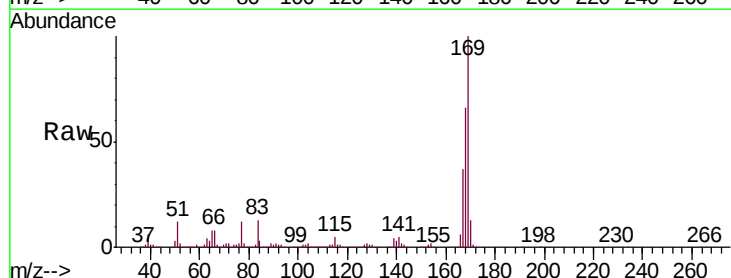
Tgt Ion:169 Resp: 719748

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

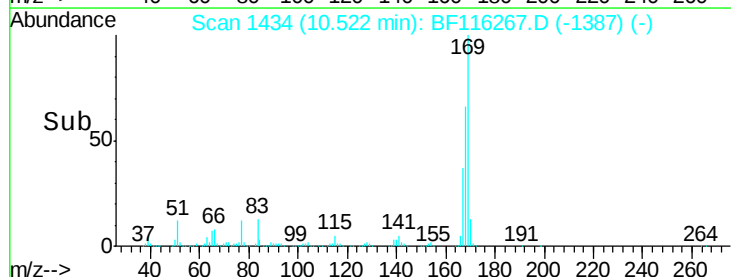
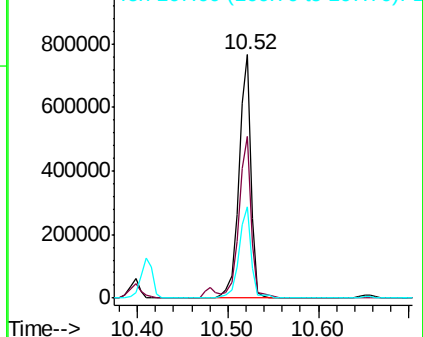
167 37.3 29.6 44.4

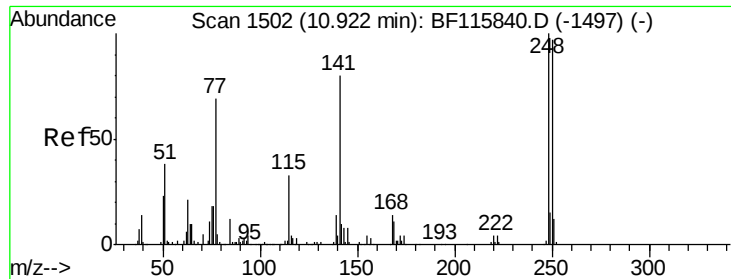


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

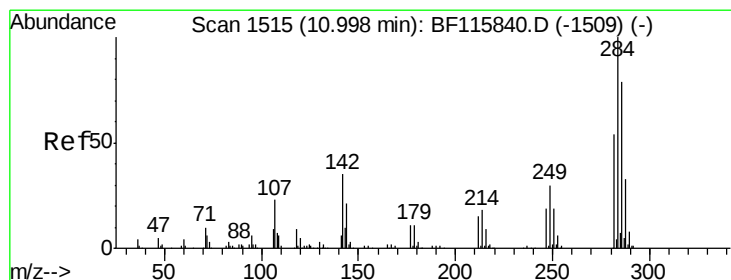
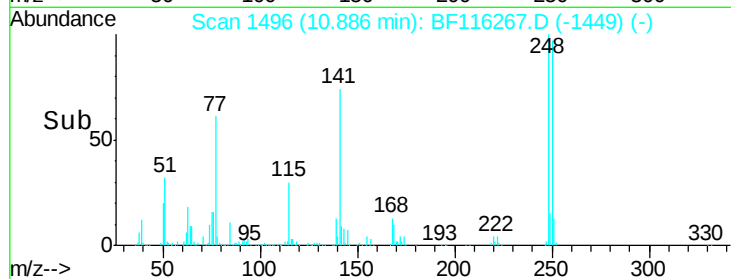
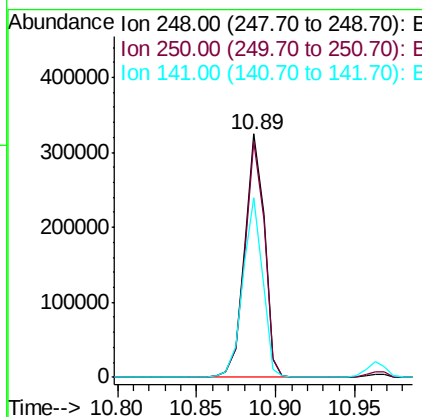
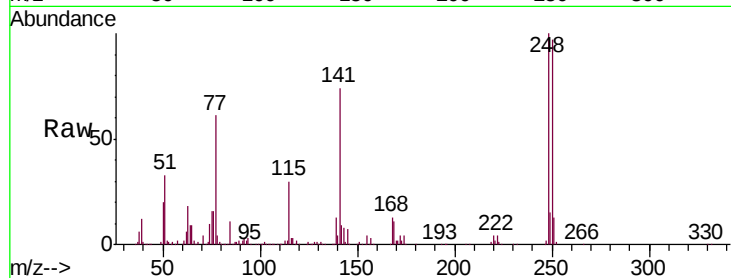




#67
 4-Bromophenyl-phenylether
 Concen: 42.342 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

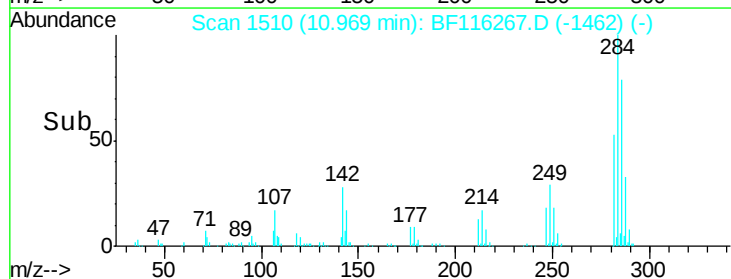
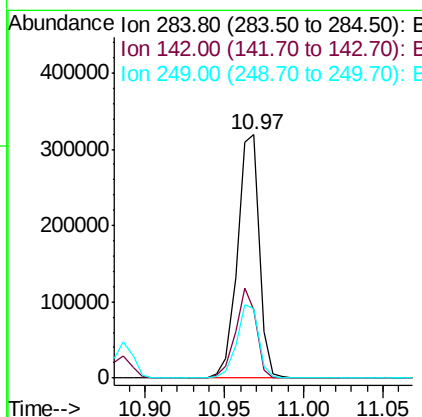
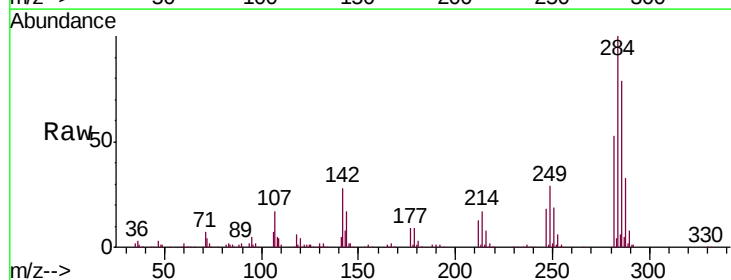
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

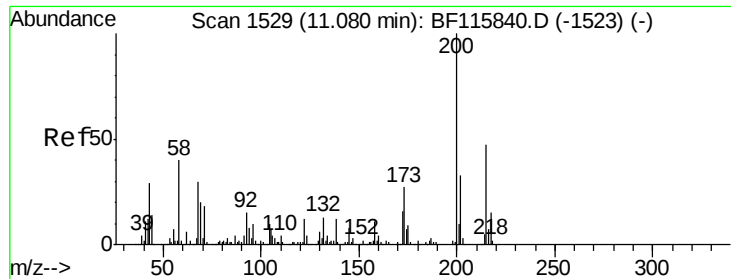
Tgt Ion:248 Resp: 279729
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.4 116.2
 141 73.7 56.8 85.2



#68
 Hexachlorobenzene
 Concen: 39.854 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:284 Resp: 304461
 Ion Ratio Lower Upper
 284 100
 142 27.8 28.4 42.6#
 249 28.8 24.5 36.7

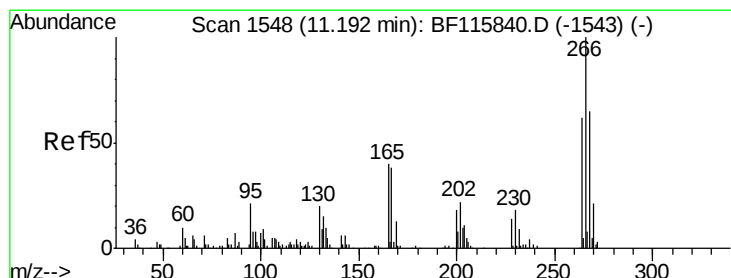
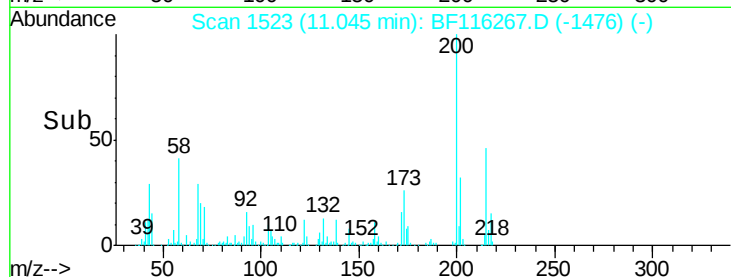
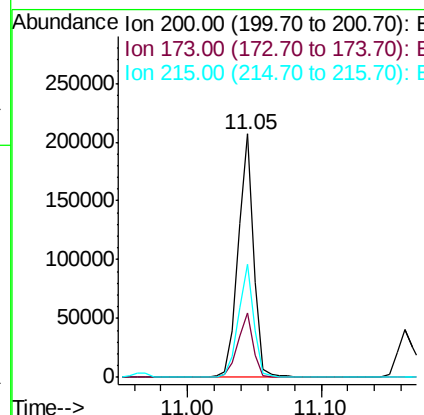
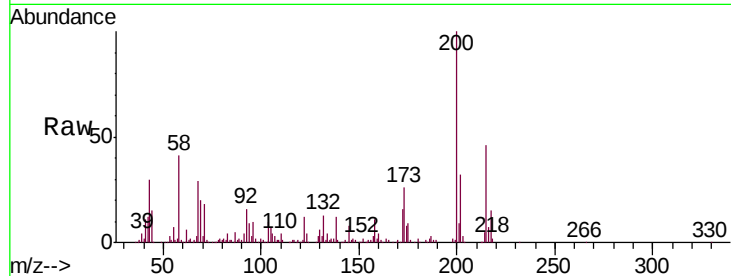




#69
Atrazine
Concen: 27.790 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

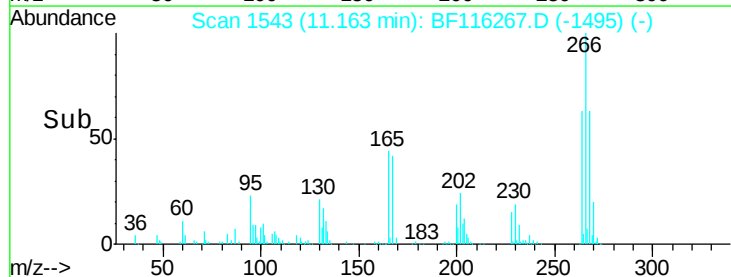
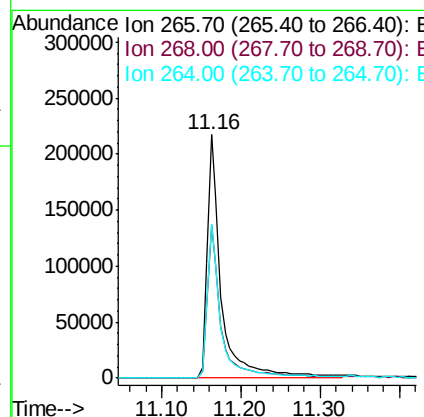
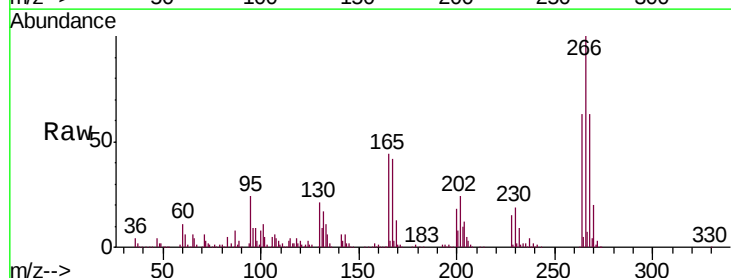
Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.8	46.8
215	46.2	27.5	67.5



#70
Pentachlorophenol
Concen: 74.256 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	48.8	73.2
264	63.4	50.6	76.0





#71

Phenanthrene

Concen: 40.338 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

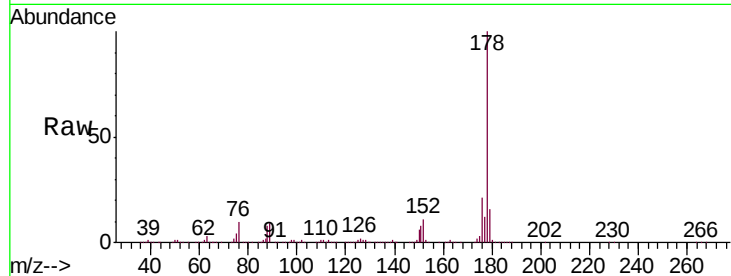
Tgt Ion:178 Resp: 1272658

Ion Ratio Lower Upper

178 100

176 20.8 16.6 24.8

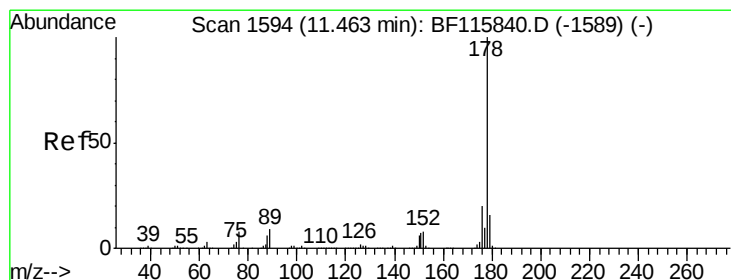
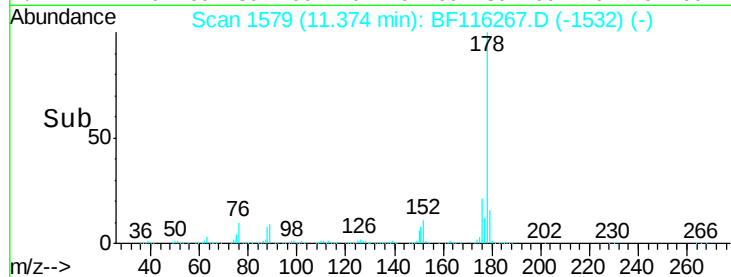
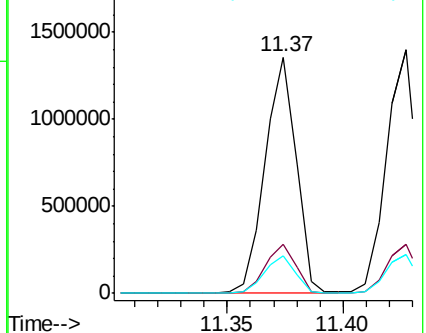
179 16.0 12.5 18.7



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: 41.072 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

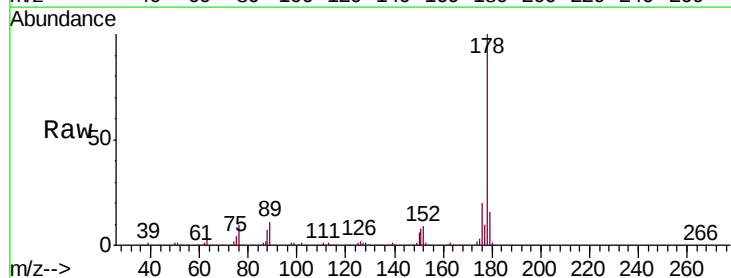
Tgt Ion:178 Resp: 1311422

Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

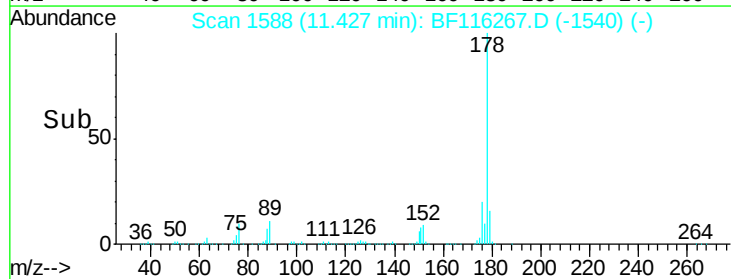
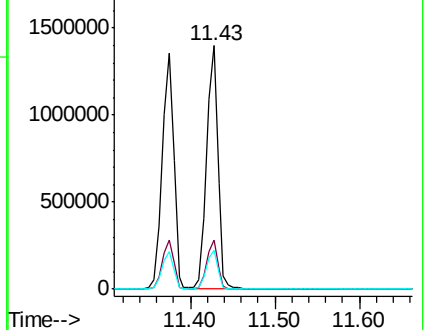
179 16.0 13.0 19.6



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

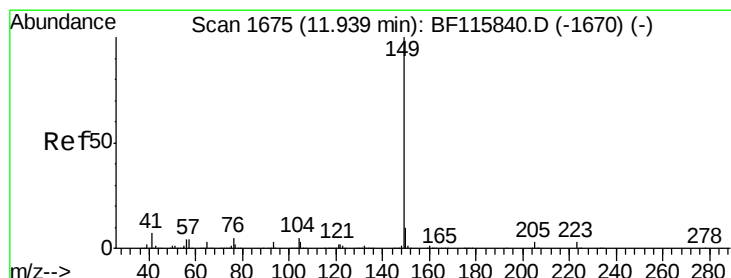
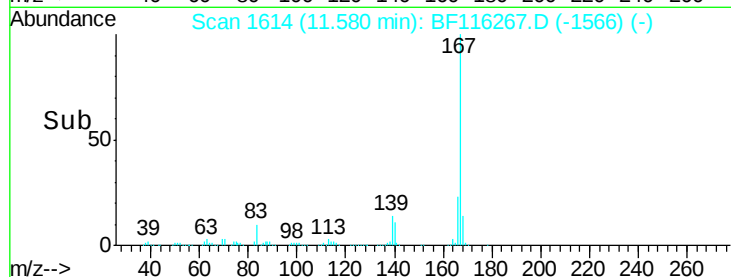
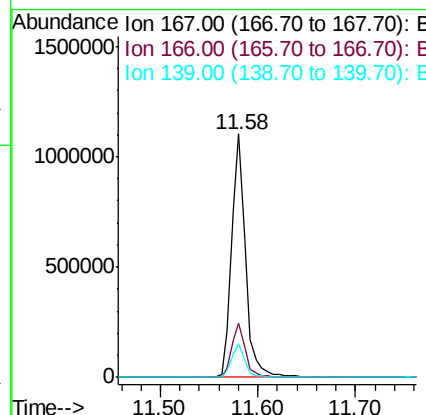
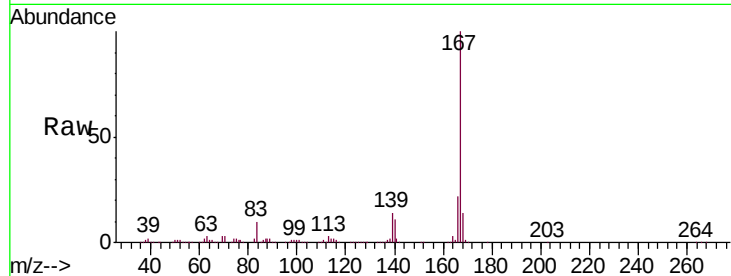




#73
 Carbazole
 Concen: 37.631 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

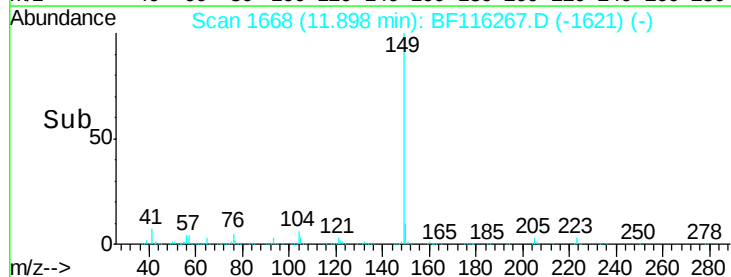
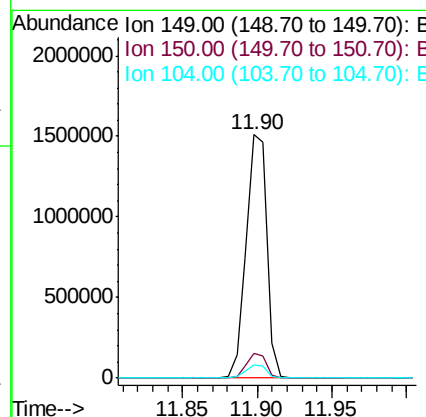
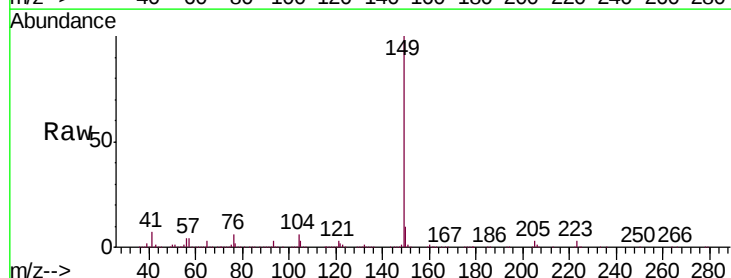
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

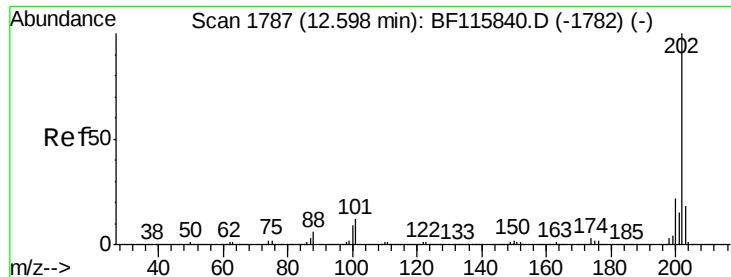
Tgt Ion:167 Resp: 1090084
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.176 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion:149 Resp: 1459010
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 5.6 4.5 6.7

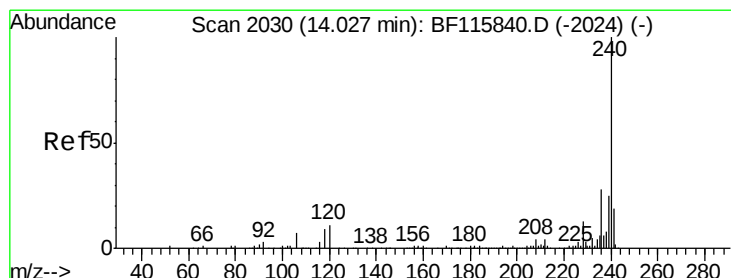
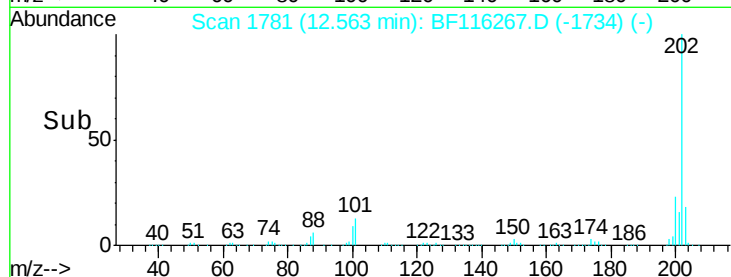
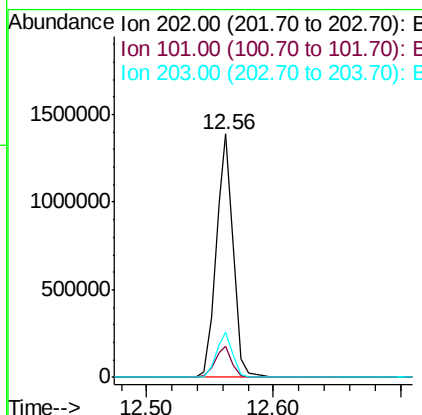
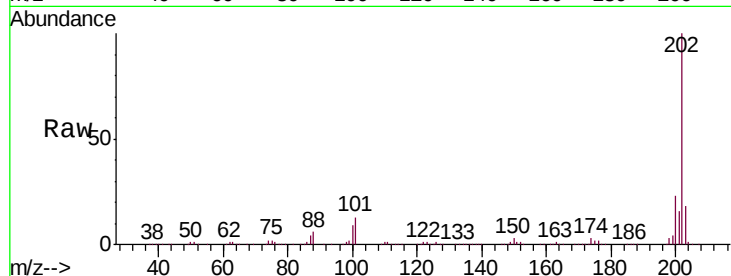




#75
 Fluoranthene
 Concen: 39.340 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

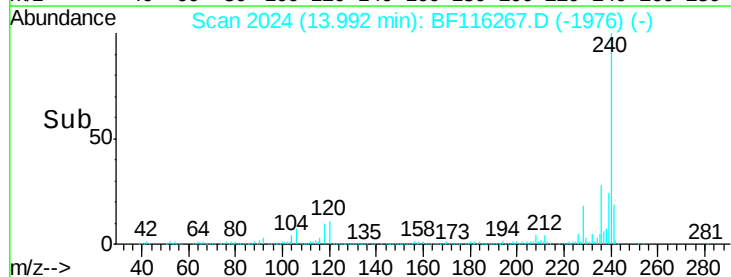
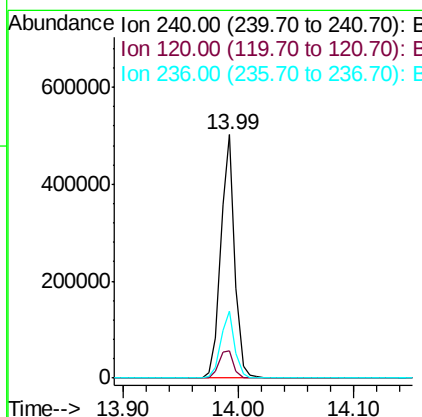
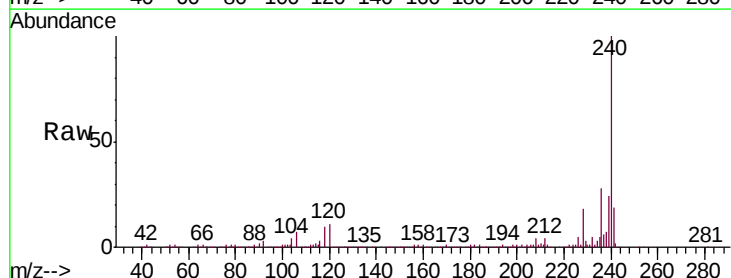
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

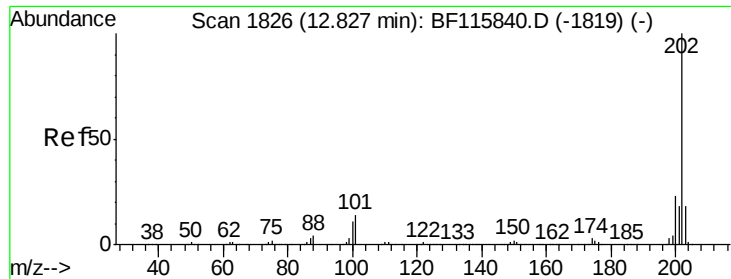
Tgt Ion: 202 Resp: 1299358
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.2
 203 18.5 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion: 240 Resp: 418205
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.7 16.1
 236 27.8 22.2 33.2

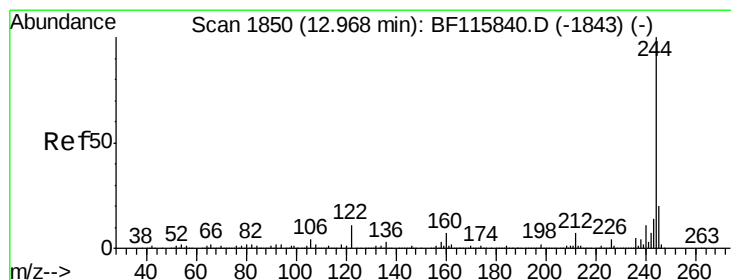
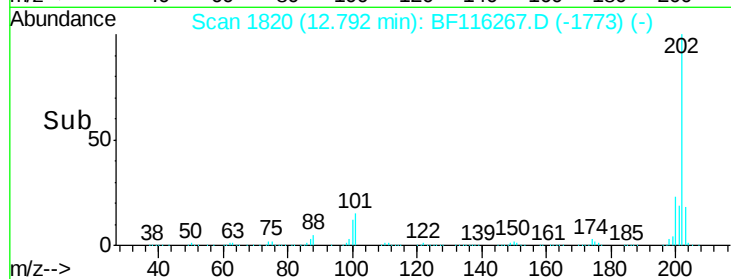
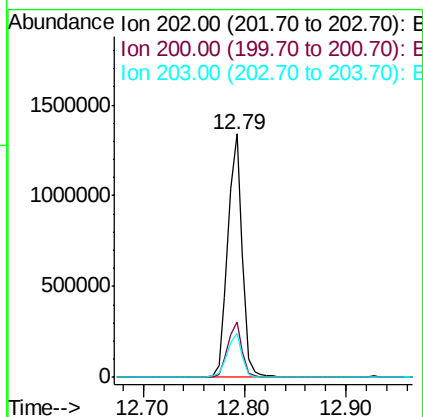
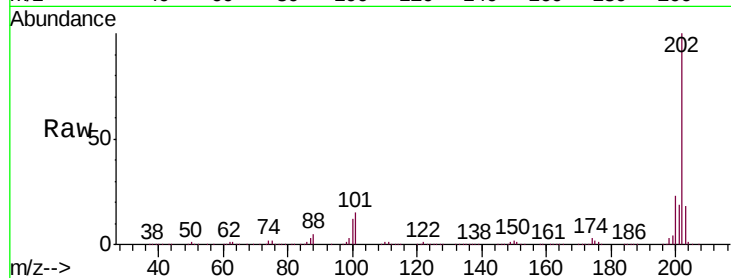




#78
Pyrene
Concen: 41.988 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

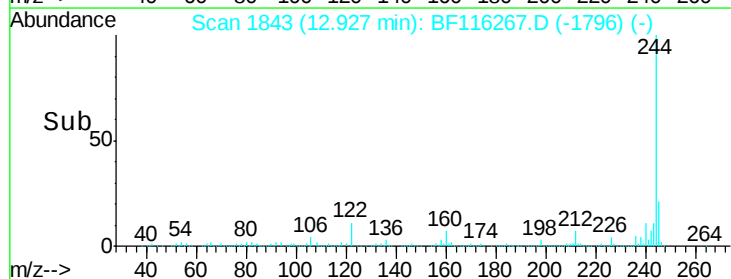
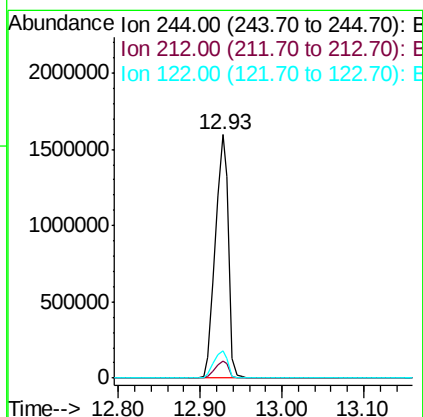
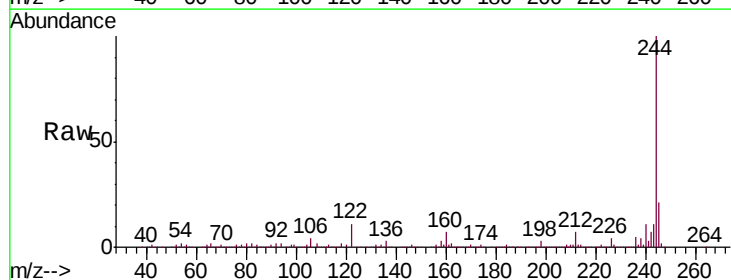
Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

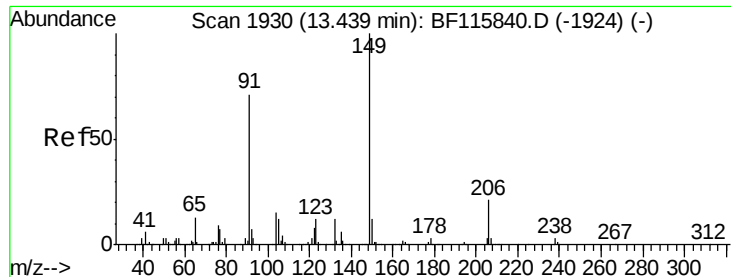
Tgt Ion: 202 Resp: 1323679
Ion Ratio Lower Upper
202 100
200 22.9 18.0 27.0
203 18.2 14.1 21.1



#79
Terphenyl-d14
Concen: 90.294 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion: 244 Resp: 1792057
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.3 9.0 13.4

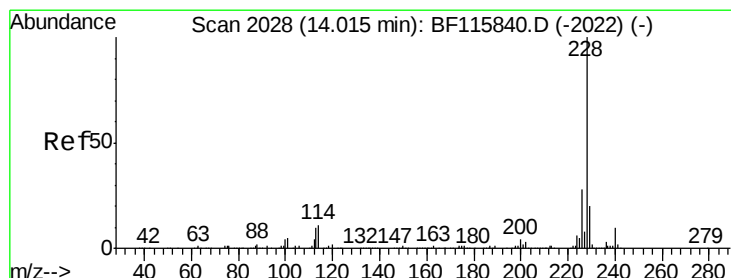
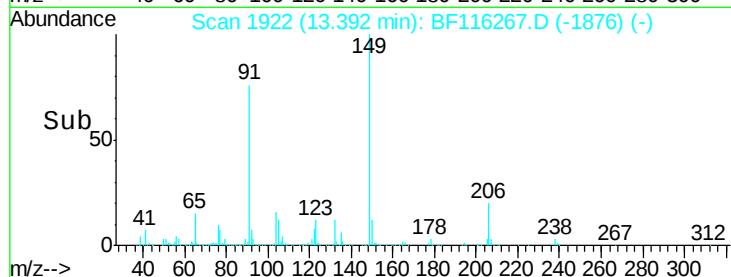
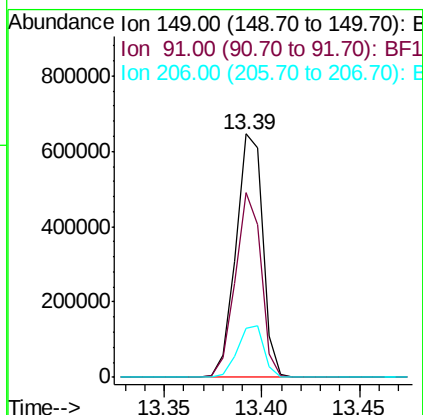
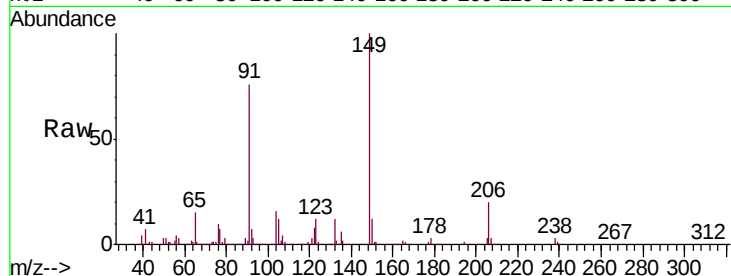




#80
Butylbenzylphthalate
Concen: 46.380 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

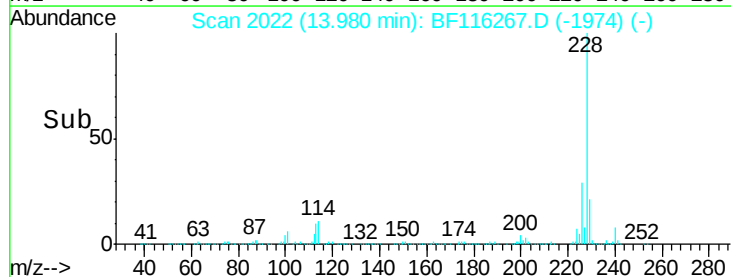
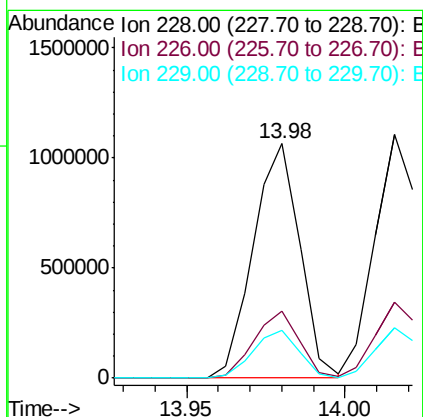
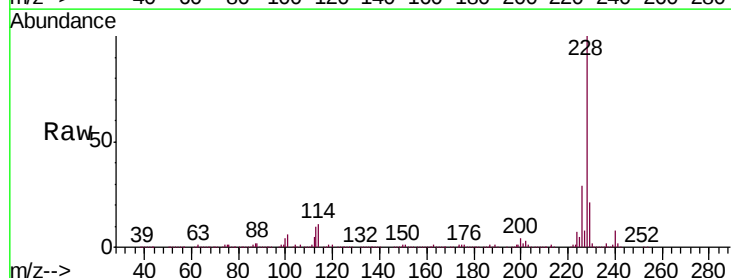
Instrument :
BNA_F
ClientSampleId :
OK-03-081219MSD

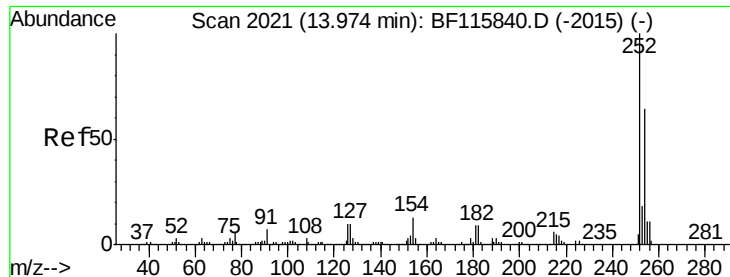
Tgt Ion:149 Resp: 618492
Ion Ratio Lower Upper
149 100
91 76.0 56.3 84.5
206 20.3 18.0 27.0



#81
Benzo(a)anthracene
Concen: 40.509 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116267.D
Acq: 14 Aug 2019 18:00

Tgt Ion:228 Resp: 1082806
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 20.5 16.2 24.4

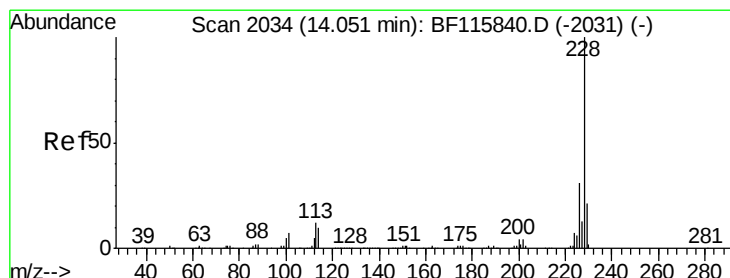
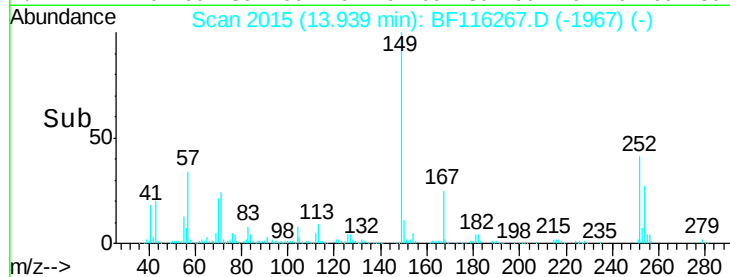
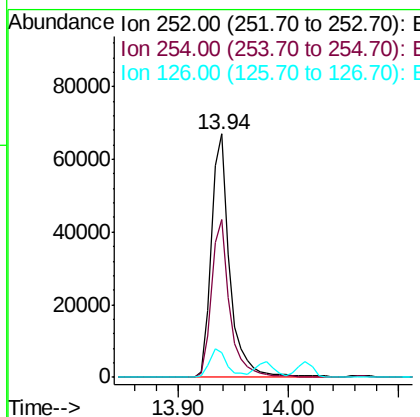
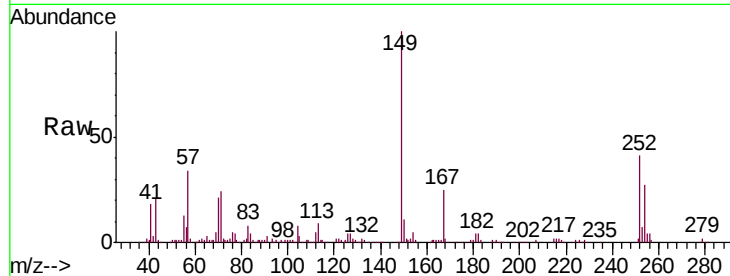




#82
 3,3'-Dichlorobenzidine
 Concen: 8.205 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

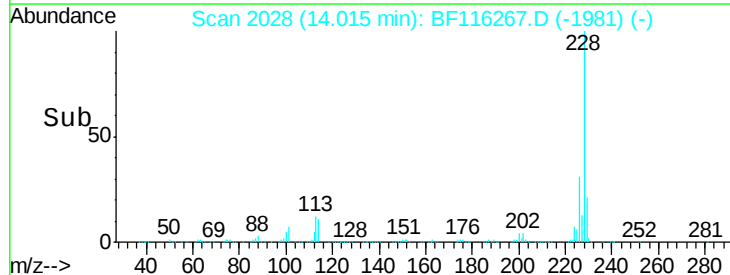
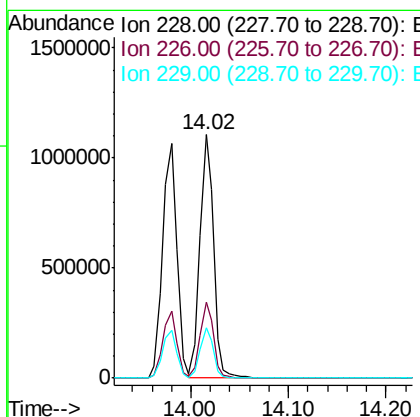
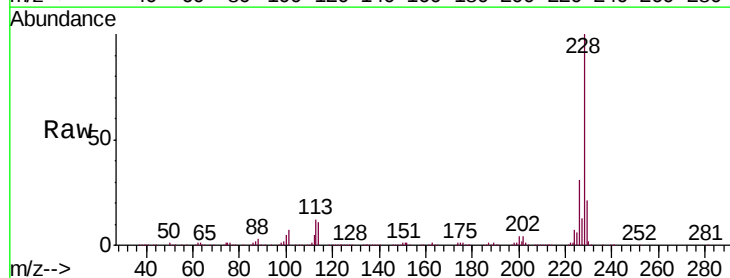
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

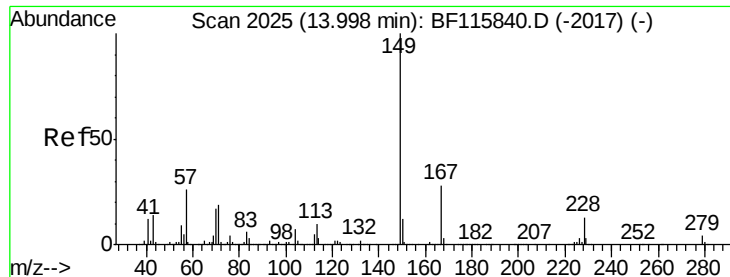
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.9	76.3
126	10.0	9.8	14.8



#83
 Chrysene
 Concen: 41.214 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.5	16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.333 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

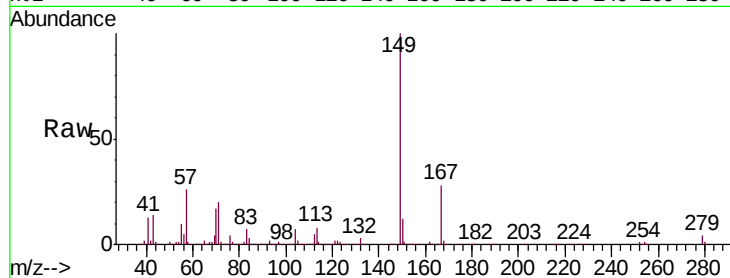
Tgt Ion:149 Resp: 872223

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

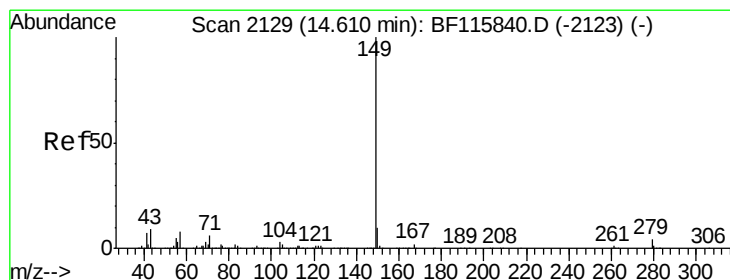
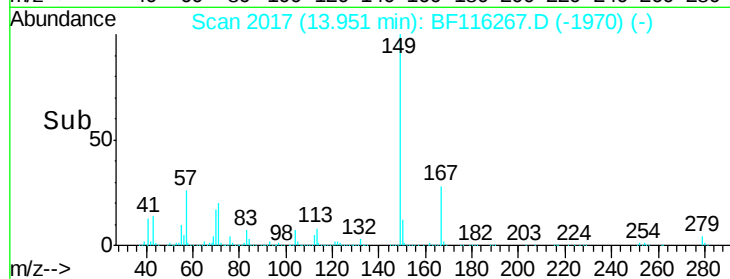
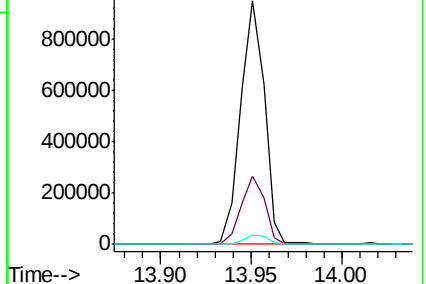
279 4.0 3.0 4.4



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: 48.619 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.03 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

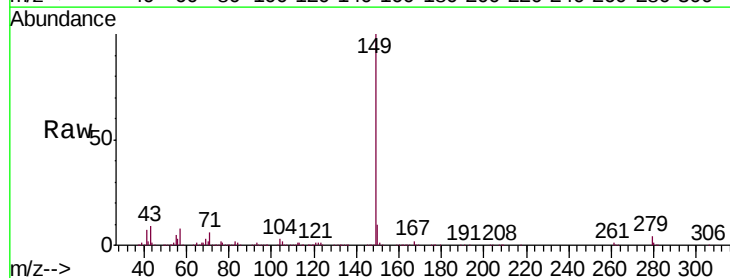
Tgt Ion:149 Resp: 1338225

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

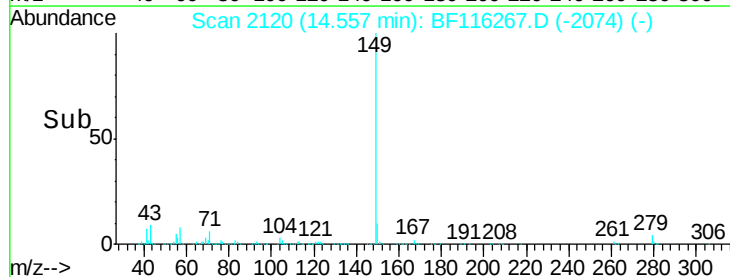
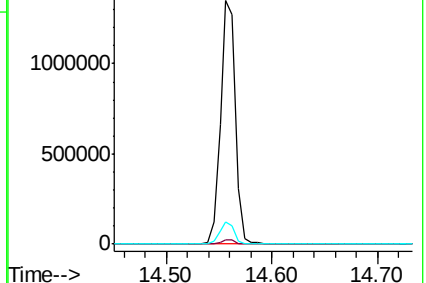
43 9.0 7.5 11.3

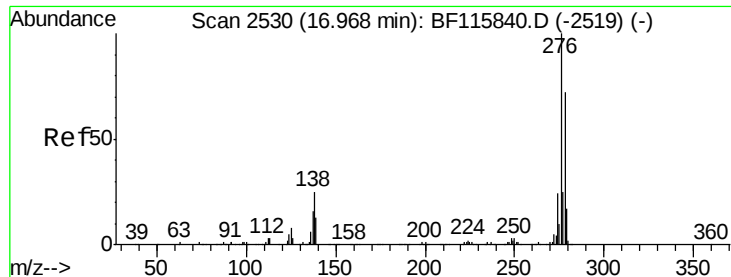


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

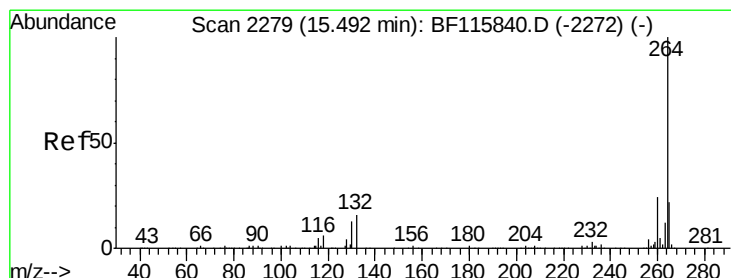
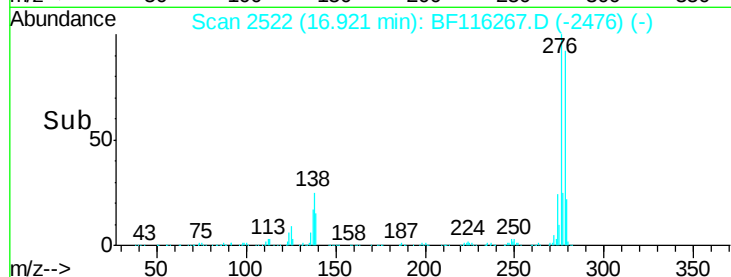
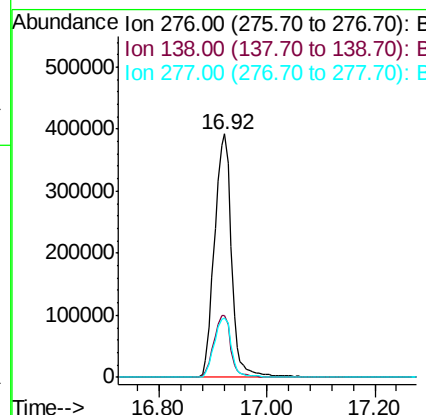
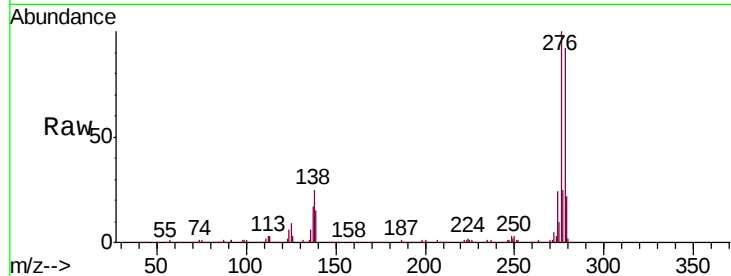




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 39.526 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

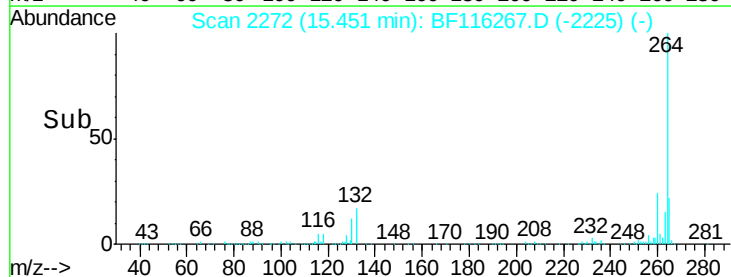
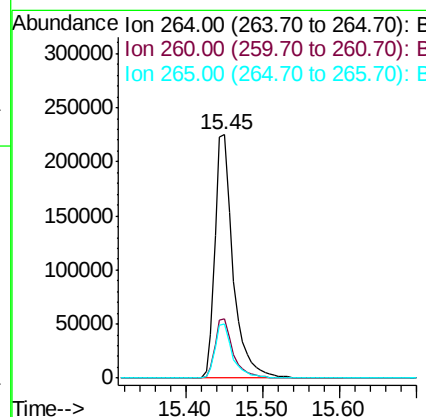
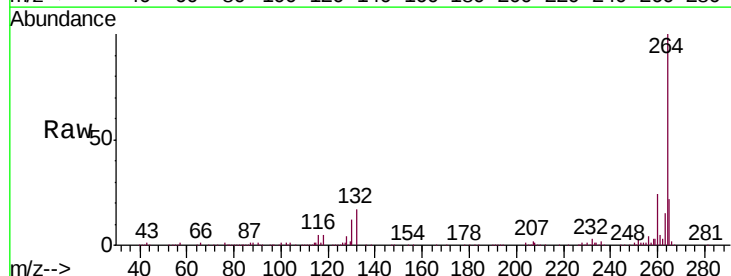
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MSD

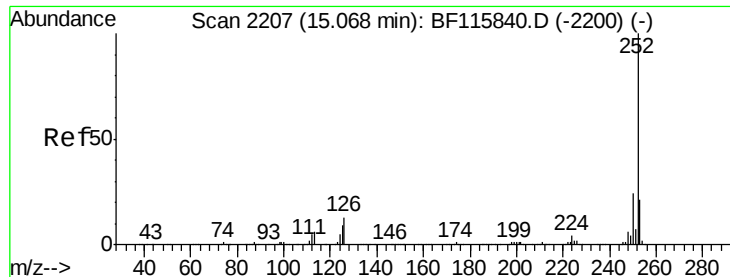
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	24.9	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF116267.D
 Acq: 14 Aug 2019 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.1	17.4	26.0





#88

Benzo(b)fluoranthene

Concen: 43.032 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

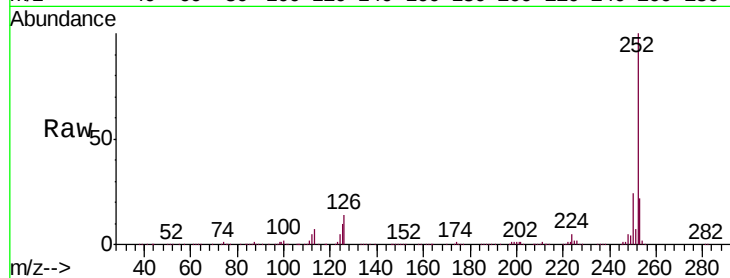
Tgt Ion:252 Resp: 906466

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

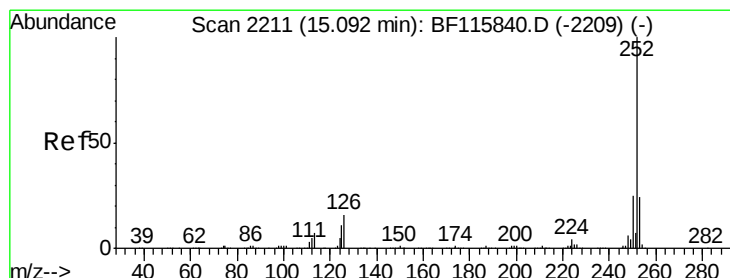
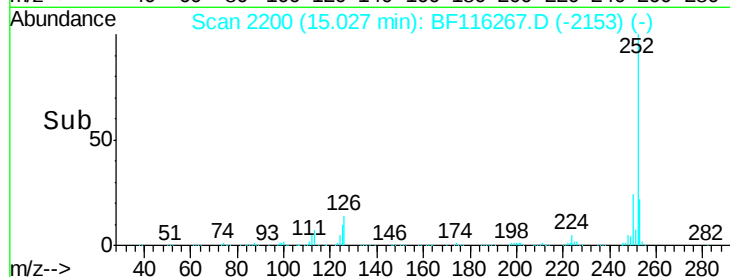
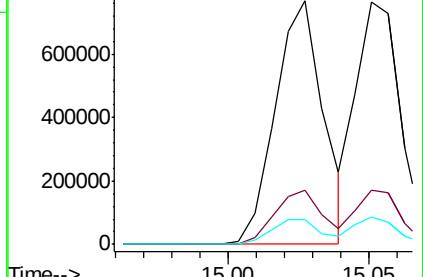
125 10.3 8.4 12.6



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: 42.266 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.03 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

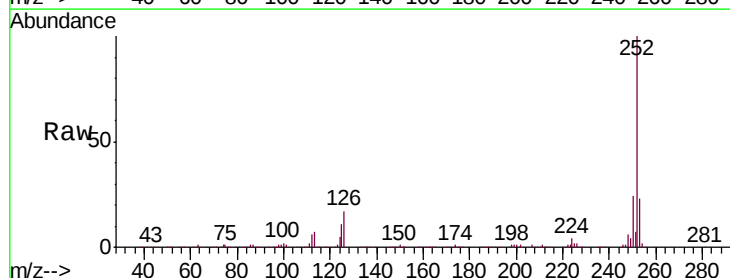
Tgt Ion:252 Resp: 867190

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

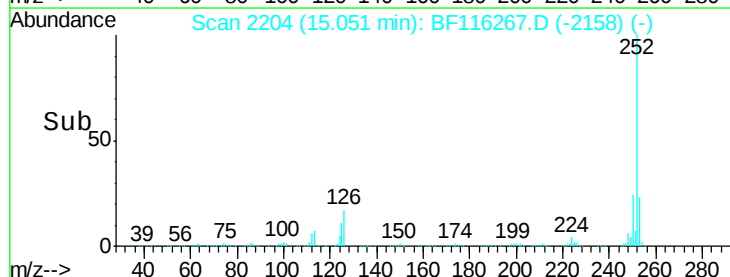
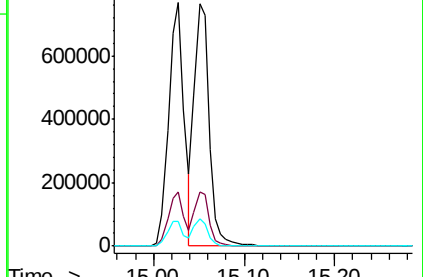
125 11.4 7.7 11.5

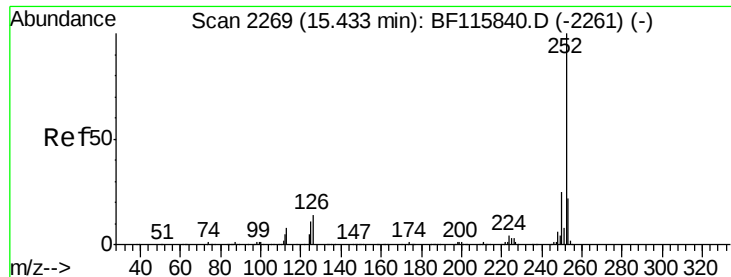


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 43.436 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.03 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD

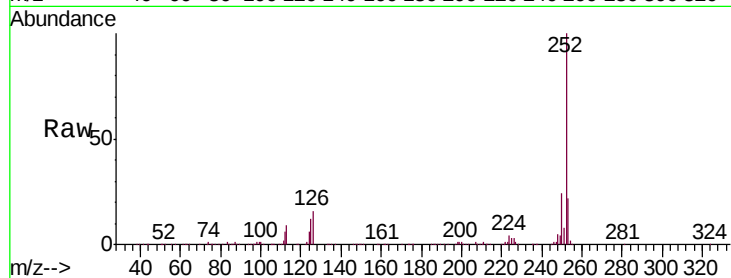
Tgt Ion:252 Resp: 817925

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

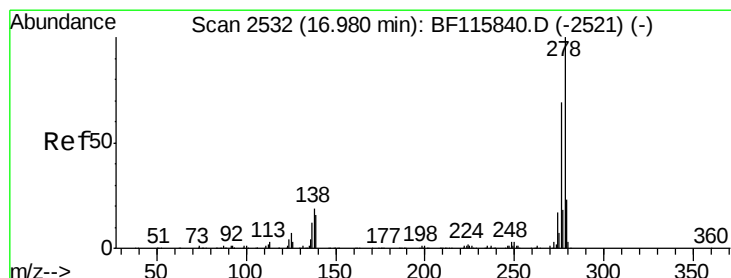
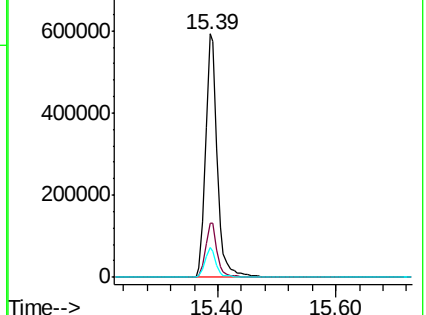
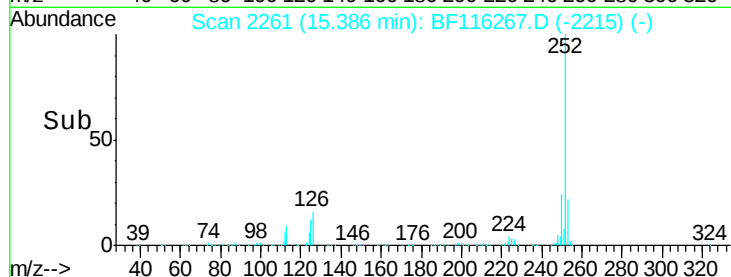
125 12.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 44.624 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.04 min

Lab File: BF116267.D

Acq: 14 Aug 2019 18:00

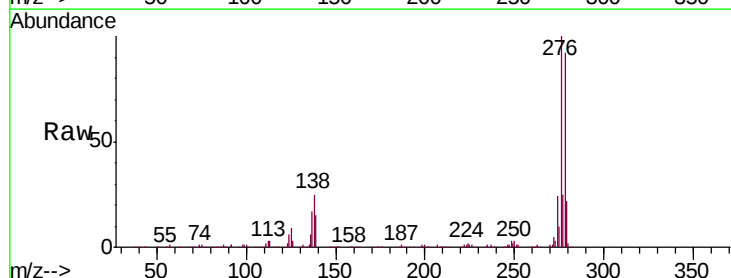
Tgt Ion:278 Resp: 727367

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

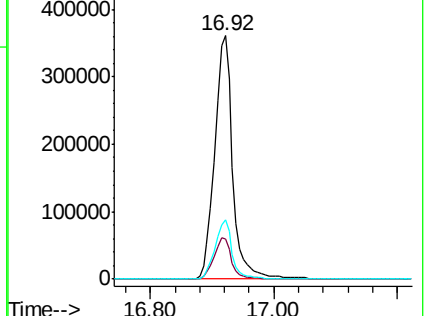
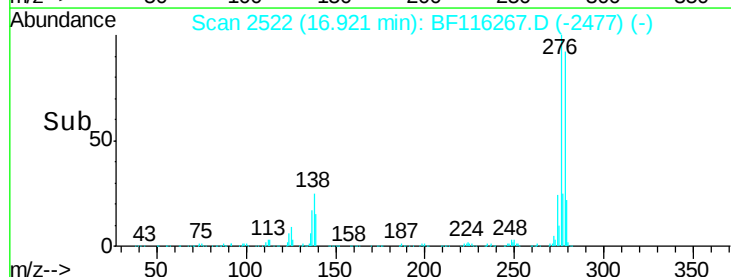
279 24.4 18.8 28.2

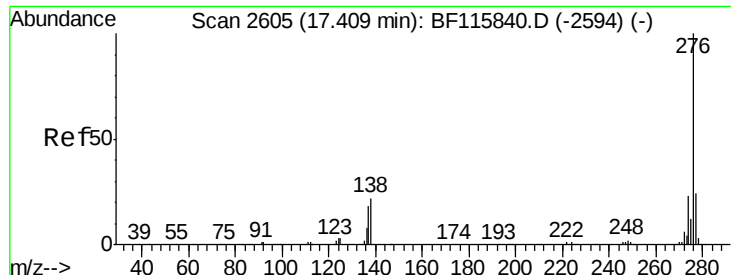


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 44.553 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BF116267.D

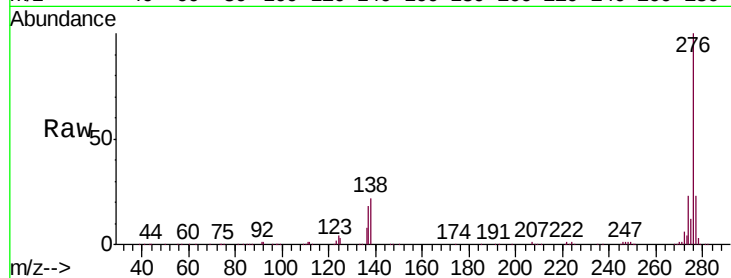
Acq: 14 Aug 2019 18:00

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MSD



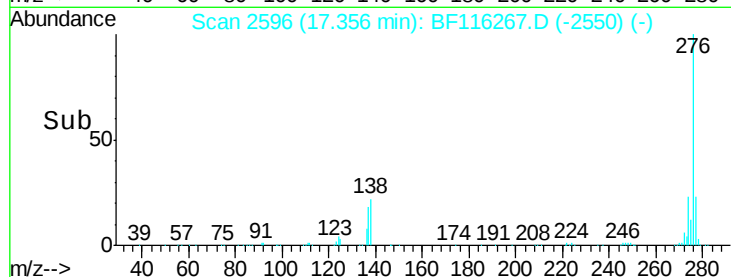
Tgt Ion: 276 Resp: 713205

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 22.0 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

