

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116230.D
 Acq On : 13 Aug 2019 14:33
 Operator : HP/JU
 Sample : K4200-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Quant Time: Aug 14 11:28:40 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	143686	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	589634	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	337582	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	653541	20.00	ng	0.00
76) Chrysene-d12	14.01	240	503859	20.00	ng	0.00
87) Perylene-d12	15.47	264	513283	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	810182	94.39	ng	0.00
7) Phenol-d6	6.48	99	1053518	97.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	692029	67.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	346816	105.96	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1215588	67.45	ng	-0.01
79) Terphenyl-d14	12.95	244	1630819	68.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	111901	25.807	ng	99
3) Pyridine	3.40	79	288375	23.808	ng	99
4) n-Nitrosodimethylamine	3.33	42	136360	28.527	ng	99
6) Aniline	6.50	93	375529	24.214	ng	# 84
8) 2-Chlorophenol	6.62	128	333460	35.134	ng	96
9) Benzaldehyde	6.39	77	169780	22.722	ng	99
10) Phenol	6.49	94	431059	33.802	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	318199	33.939	ng	99
12) 1,3-Dichlorobenzene	6.77	146	341830	31.164	ng	98
13) 1,4-Dichlorobenzene	6.85	146	352078	32.057	ng	97
14) 1,2-Dichlorobenzene	7.00	146	330245	32.656	ng	99
15) Benzyl Alcohol	6.98	79	281536	34.258	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	417452	32.643	ng	74
17) 2-Methylphenol	7.09	107	282613	35.166	ng	99
18) Hexachloroethane	7.34	117	128388	31.751	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	234213	34.902	ng	98
20) 3+4-Methylphenols	7.25	107	359401	37.791	ng	93
22) Acetophenone	7.25	105	459883	35.563	ng	97
24) Nitrobenzene	7.42	77	374843	33.985	ng	99
25) Isophorone	7.66	82	697541	35.712	ng	99
26) 2-Nitrophenol	7.73	139	191275	36.789	ng	99
27) 2,4-Dimethylphenol	7.77	122	301802	38.583	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	427715	35.329	ng	100
29) 2,4-Dichlorophenol	7.98	162	311236	37.684	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	310572	32.988	ng	99
31) Naphthalene	8.13	128	974156	35.109	ng	99
32) Benzoic acid	7.92	122	15188m	2.754	ng	
33) 4-Chloroaniline	8.19	127	213011	17.182	ng	98
34) Hexachlorobutadiene	8.25	225	170886	31.513	ng	99
35) Caprolactam	8.57	113	99989m	37.432	ng	
36) 4-Chloro-3-methylphenol	8.69	107	339293	39.489	ng	96
37) 2-Methylnaphthalene	8.83	142	669473	36.636	ng	100
38) 1-Methylnaphthalene	8.93	142	627934	36.323	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	307242	34.044	ng	99

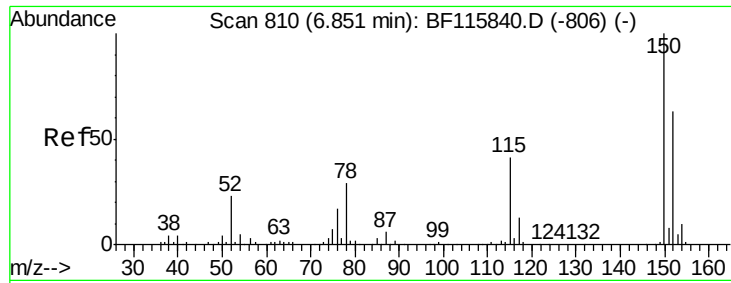
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116230.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	125616	34.631	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	210140	33.828	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	227210	35.384	ng	100
46) 1,1'-Biphenyl	9.29	154	832331	34.923	ng	99
47) 2-Chloronaphthalene	9.32	162	658504	33.197	ng	98
48) 2-Nitroaniline	9.42	65	231178	35.259	ng	95
49) Acenaphthylene	9.73	152	1024495	35.402	ng	99
50) Dimethylphthalate	9.59	163	1121514	48.792	ng	100
51) 2,6-Dinitrotoluene	9.66	165	189385	37.914	ng	91
52) Acenaphthene	9.90	154	611887	34.465	ng	99
53) 3-Nitroaniline	9.83	138	168179	27.248	ng	99
54) 2,4-Dinitrophenol	9.96	184	43070	23.110	ng	99
55) Dibenzofuran	10.08	168	878397	34.022	ng	99
56) 4-Nitrophenol	10.02	139	273310	69.124	ng	96
57) 2,4-Dinitrotoluene	10.07	165	240798	36.207	ng	# 91
58) Fluorene	10.42	166	751293	37.821	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	209586	38.795	ng	98
60) Diethylphthalate	10.29	149	847432	39.489	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	371389	36.916	ng	100
62) 4-Nitroaniline	10.46	138	217044	34.027	ng	99
63) Azobenzene	10.57	77	835996	37.874	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	111167	32.098	ng	97
66) n-Nitrosodiphenylamine	10.53	169	693746	35.268	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	236710	33.834	ng	97
68) Hexachlorobenzene	10.98	284	264295	32.670	ng	93
69) Atrazine	11.06	200	241350	37.295	ng	99
70) Pentachlorophenol	11.17	266	244893	62.351	ng	98
71) Phenanthrene	11.39	178	1167350	34.940	ng	100
72) Anthracene	11.44	178	1217787	36.016	ng	99
73) Carbazole	11.59	167	1161515	37.863	ng	100
74) Di-n-butylphthalate	11.92	149	1411304	39.438	ng	99
75) Fluoranthene	12.57	202	1308068	37.398	ng	96
77) Benzidine	12.69	184	601175	35.317	ng	98
78) Pyrene	12.80	202	1334353	35.132	ng	99
80) Butylbenzylphthalate	13.41	149	629358	39.172	ng	97
81) Benzo(a)anthracene	14.00	228	1153681	35.823	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	291541	26.057	ng	100
83) Chrysene	14.03	228	1105093	35.345	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	903975	43.298	ng	98
85) Di-n-octyl phthalate	14.57	149	1466158	44.212	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	959017	36.520	ng	99
88) Benzo(b)fluoranthene	15.04	252	1093567	36.847	ng	99
89) Benzo(k)fluoranthene	15.07	252	933467	32.292	ng	98
90) Benzo(a)pyrene	15.42	252	960055	36.187	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	821126	35.756	ng	99
92) Benzo(g,h,i)perylene	17.40	276	784692	34.792	ng	98

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

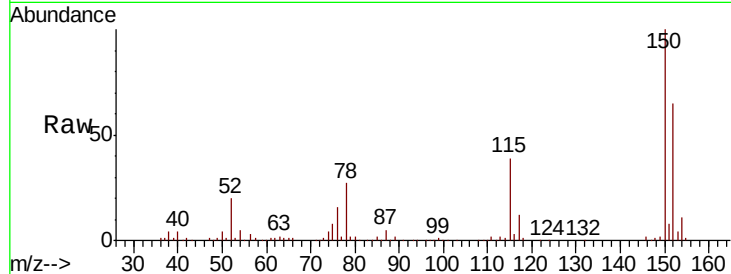


#1

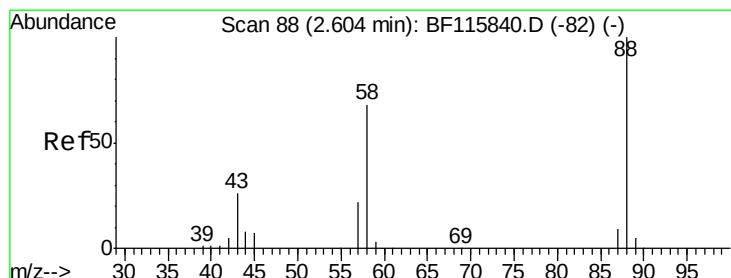
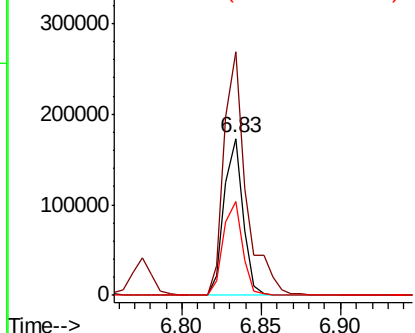
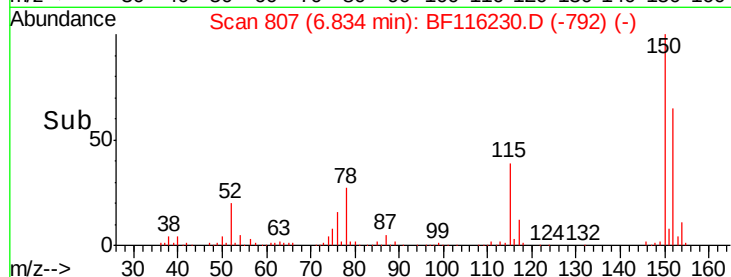
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tot Ion:152 Resp: 143686
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 59.8 49.9 74.9



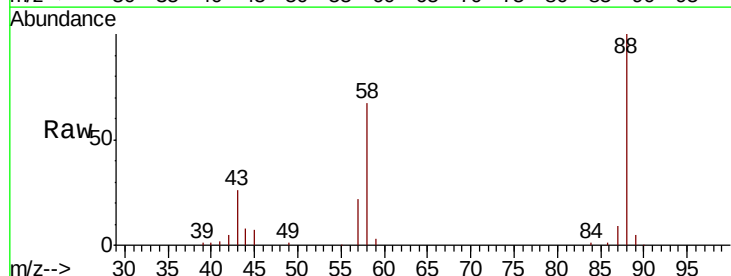
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



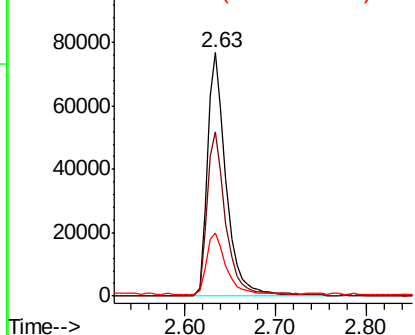
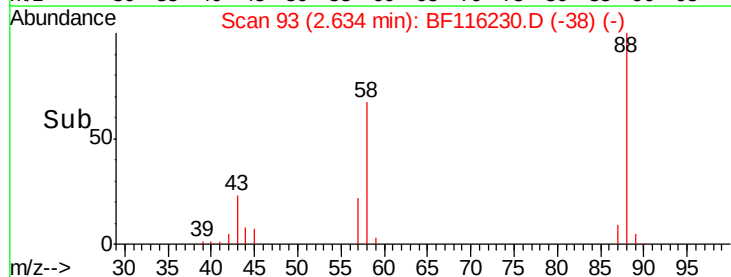
#2

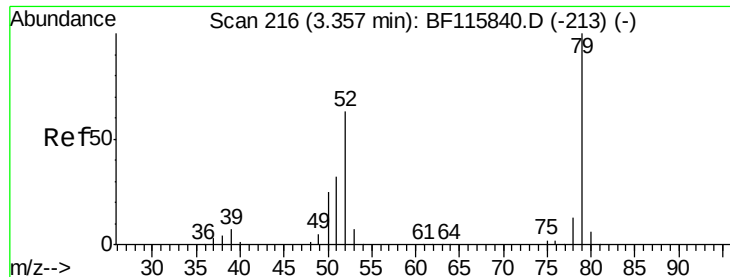
1,4-Dioxane
Concen: 25.807 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion: 88 Resp: 111901
Ion Ratio Lower Upper
88 100
58 67.7 53.7 80.5
43 25.6 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

Pvridine

Concen: 23.808 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

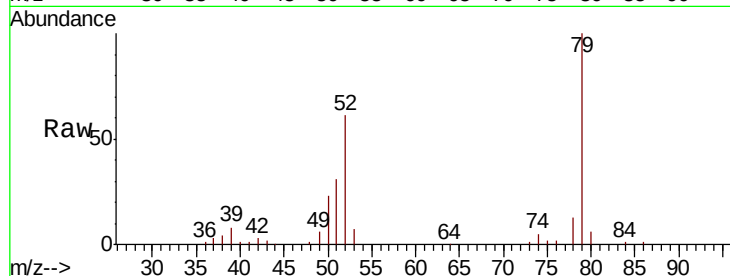
Tot Ion: 79 Resp: 288375

Ion Ratio Lower Upper

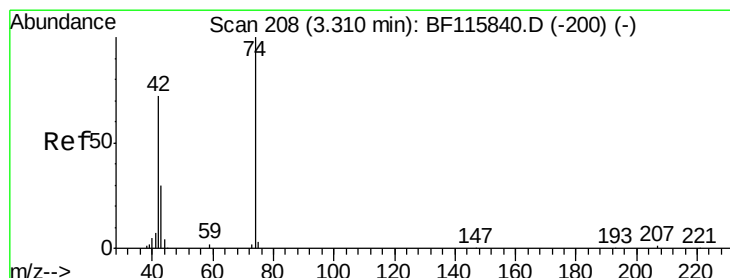
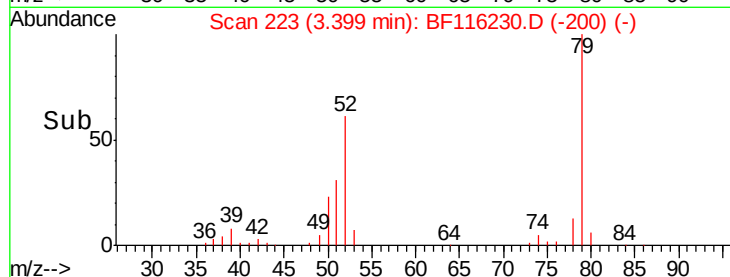
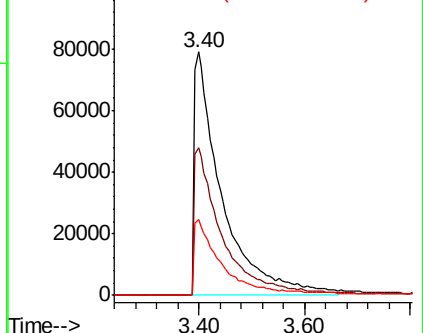
79 100

52 60.9 49.8 74.8

51 31.1 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: 28.527 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.00 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

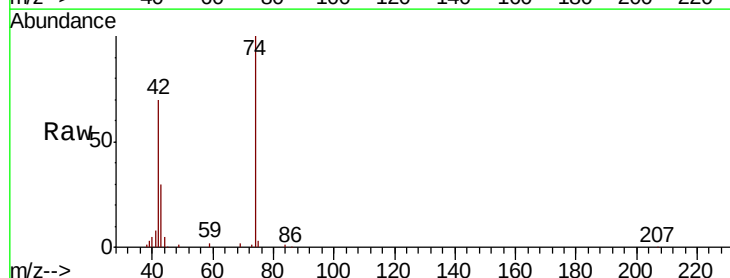
Tgt Ion: 42 Resp: 136360

Ion Ratio Lower Upper

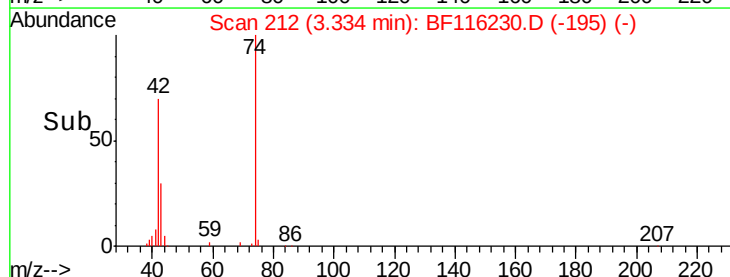
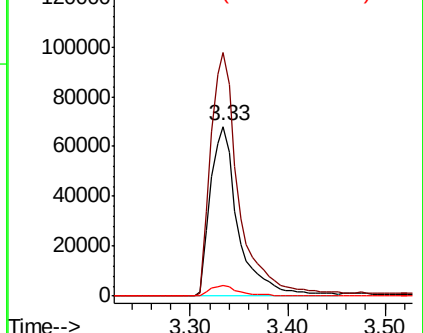
42 100

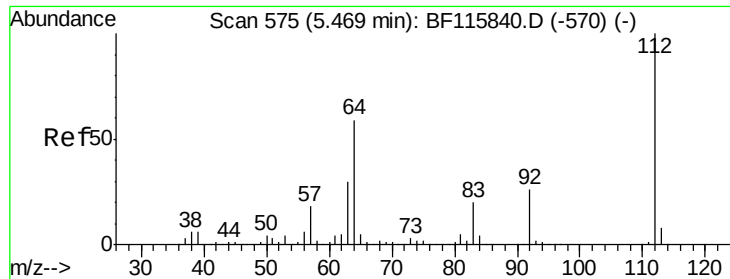
74 143.5 116.0 174.0

44 6.5 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: 94.393 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

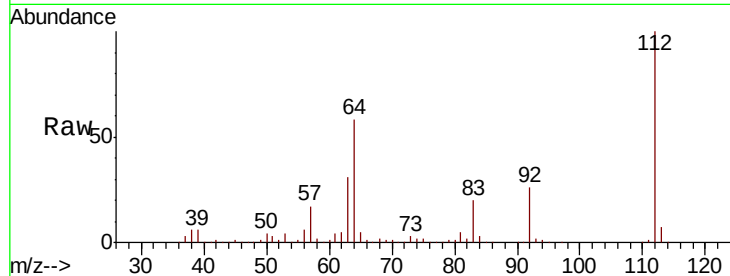
Tot Ion:112 Resp: 810182

Ion Ratio Lower Upper

112 100

64 58.4 45.4 68.2

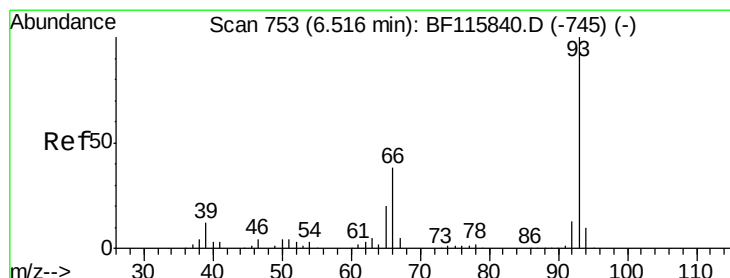
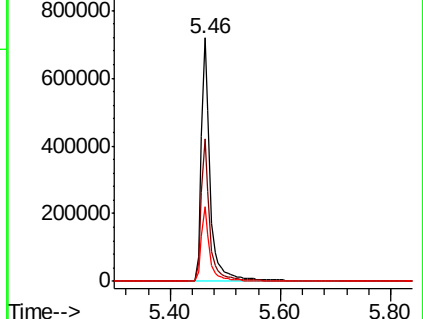
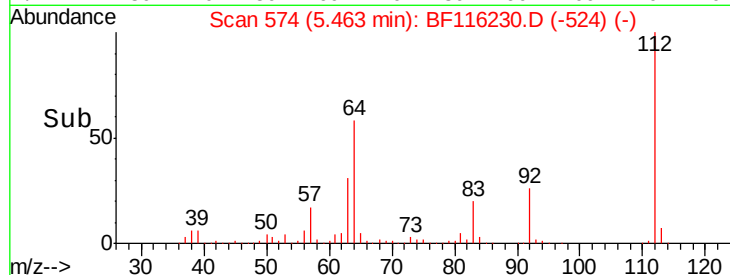
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.214 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

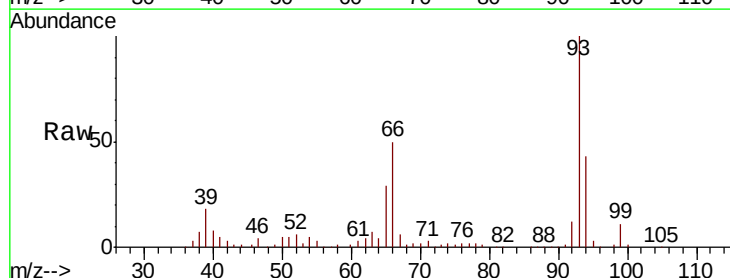
Tgt Ion: 93 Resp: 375529

Ion Ratio Lower Upper

93 100

66 50.4 32.2 48.4#

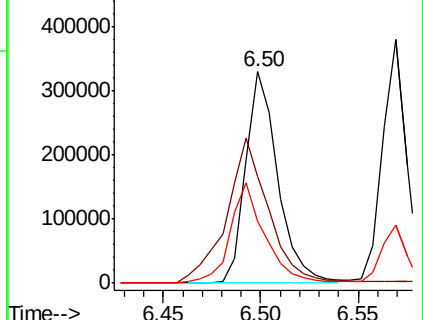
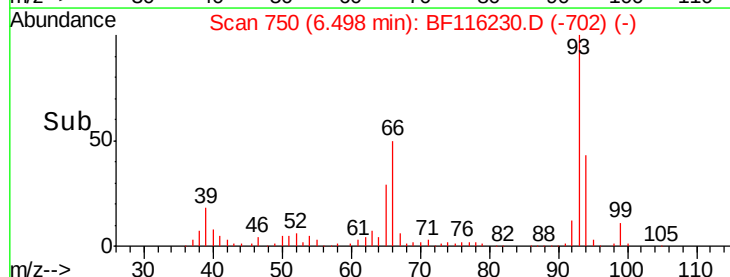
65 29.0 17.0 25.6#

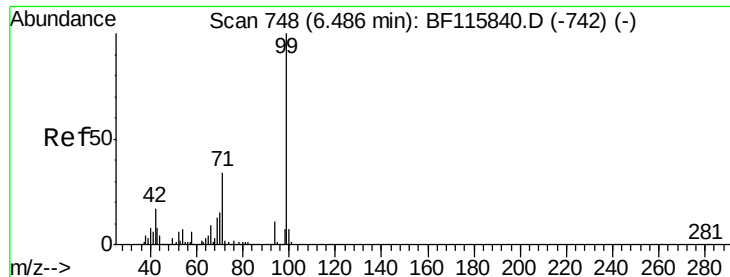


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.286 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampled :

TP-14MS

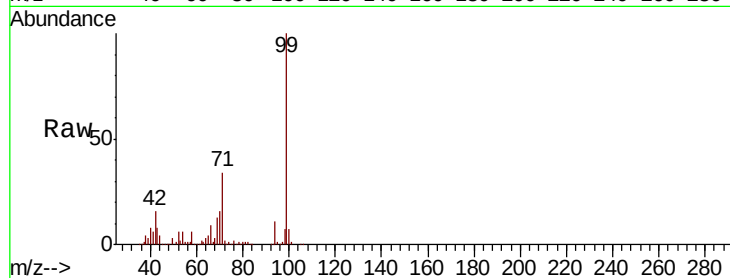
Tot Ion: 99 Resp: 1053518

Ion Ratio Lower Upper

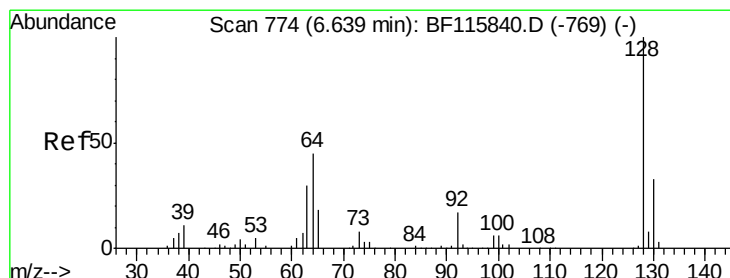
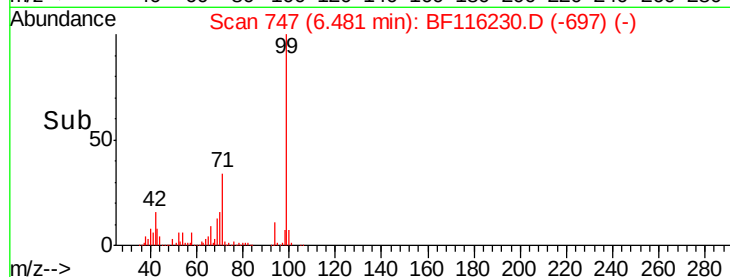
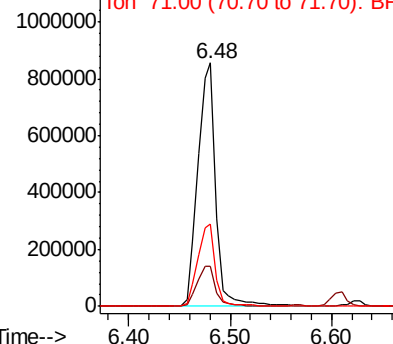
99 100

42 16.5 13.8 20.8

71 33.7 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: 35.134 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

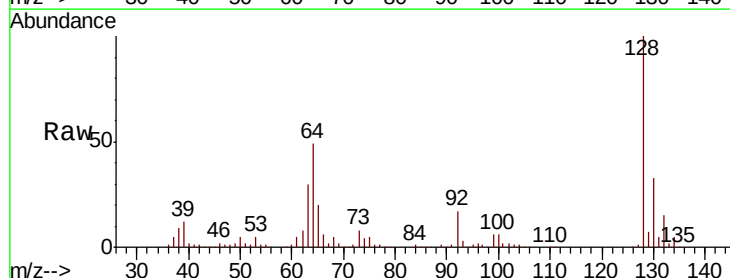
Tgt Ion: 128 Resp: 333460

Ion Ratio Lower Upper

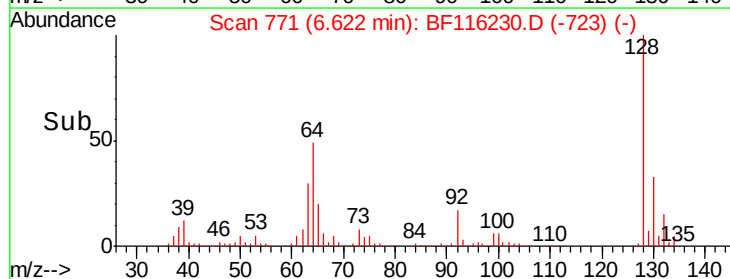
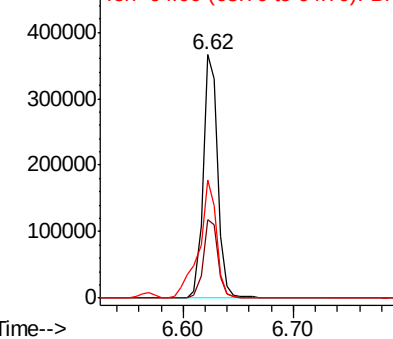
128 100

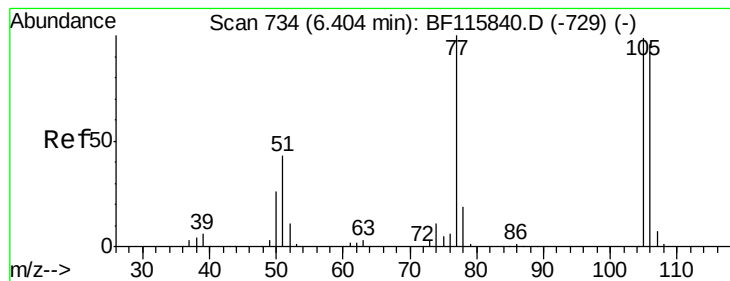
130 32.5 12.9 52.9

64 48.7 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: 22.722 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

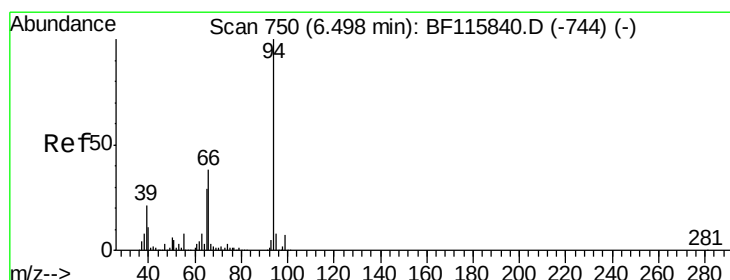
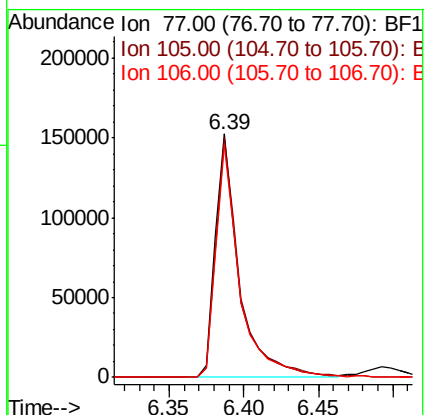
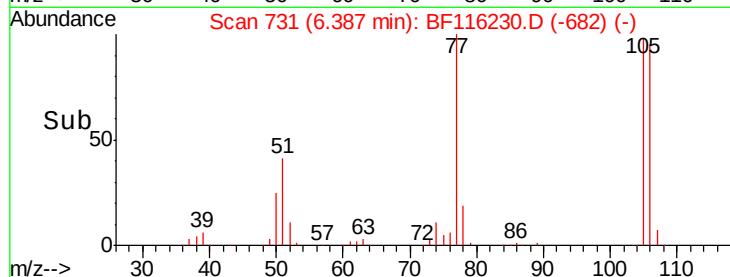
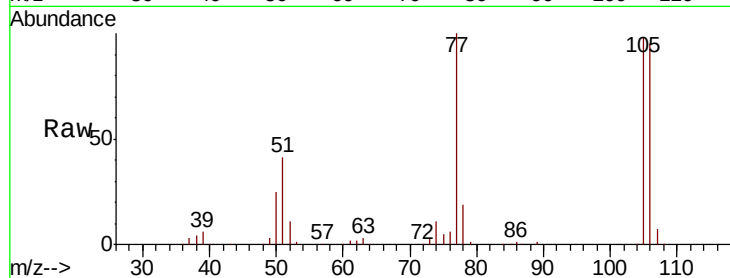
Tot Ion: 77 Resp: 169780

Ion Ratio Lower Upper

77 100

105 98.5 79.2 119.2

106 95.1 74.3 114.3



#10

Phenol

Concen: 33.802 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

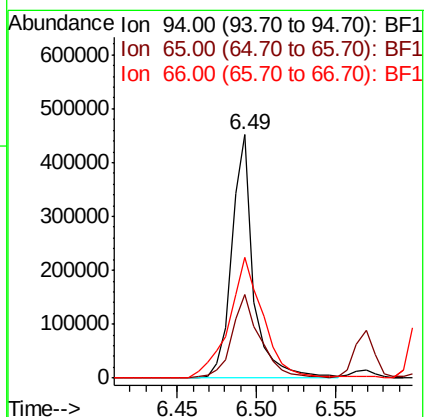
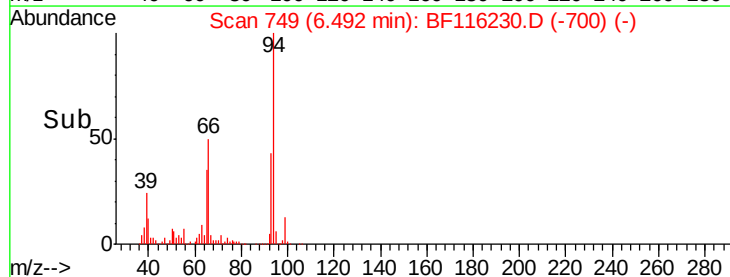
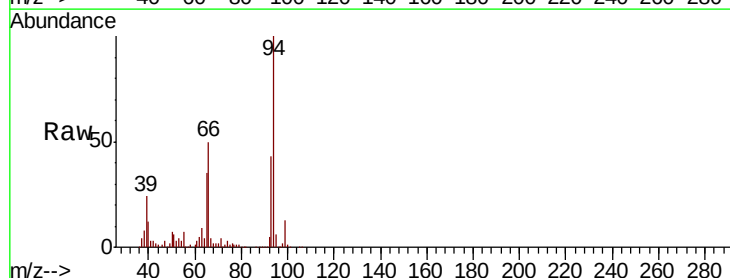
Tgt Ion: 94 Resp: 431059

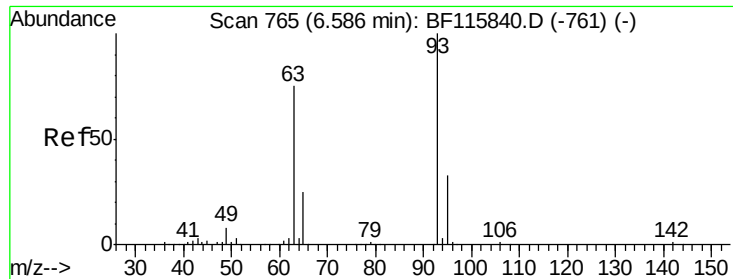
Ion Ratio Lower Upper

94 100

65 34.6 16.8 56.8

66 49.8 34.2 74.2

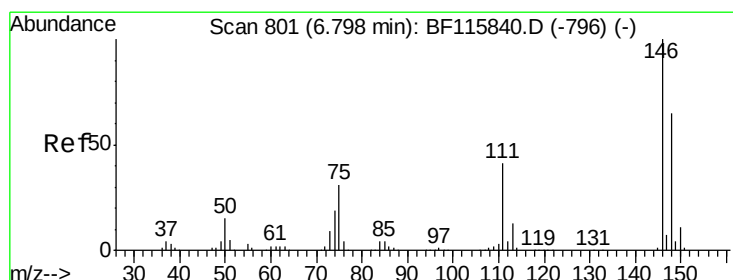
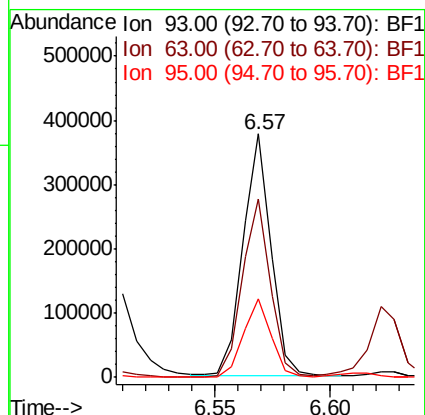
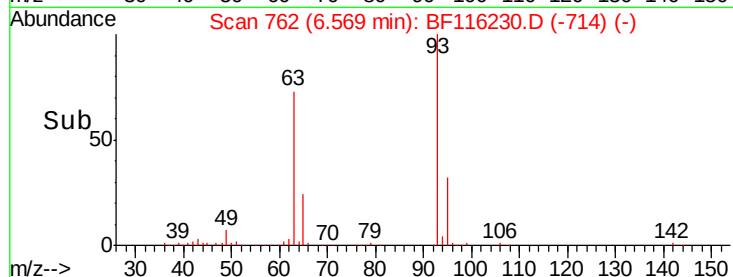
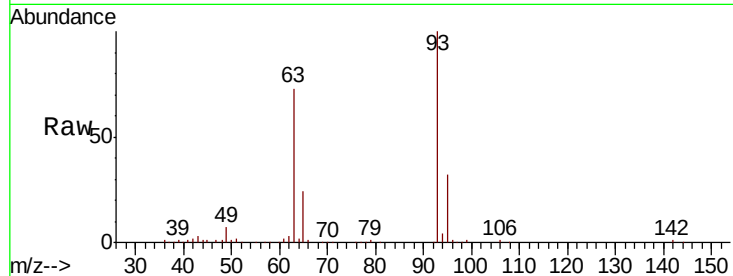




#11
bis(2-Chloroethyl)ether
Concen: 33.939 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

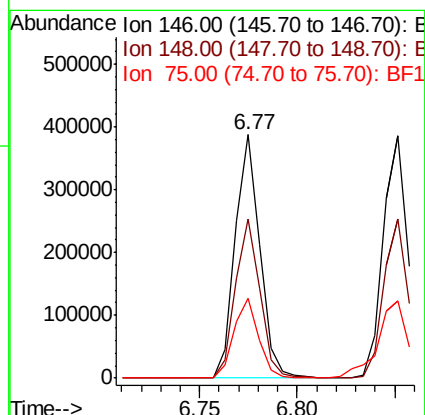
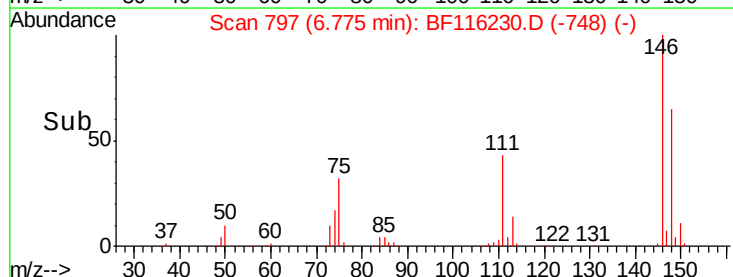
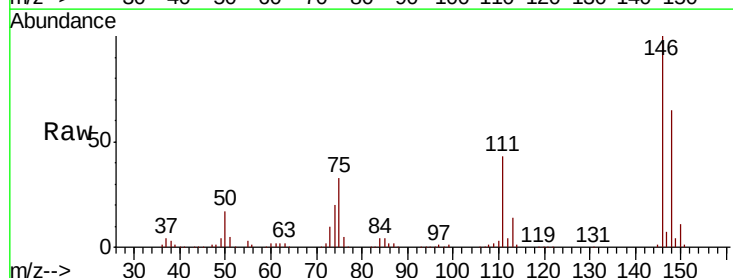
Instrument :
BNA_F
ClientSampleId :
TP-14MS

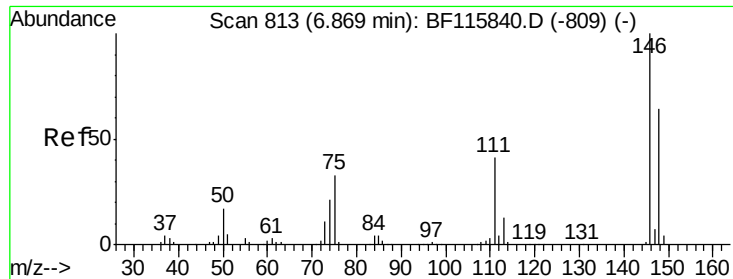
Tot Ion: 93 Resp: 318199
Ion Ratio Lower Upper
93 100
63 73.2 51.9 91.9
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 31.164 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion: 146 Resp: 341830
Ion Ratio Lower Upper
146 100
148 65.4 51.3 76.9
75 32.9 27.4 41.2

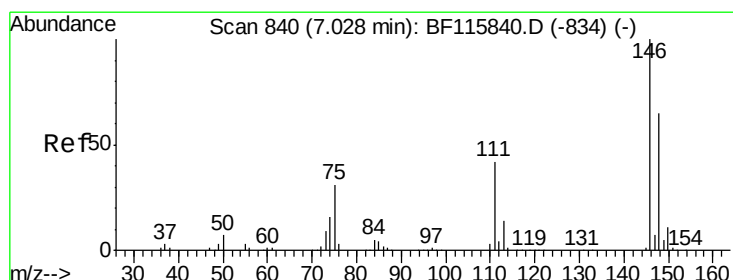
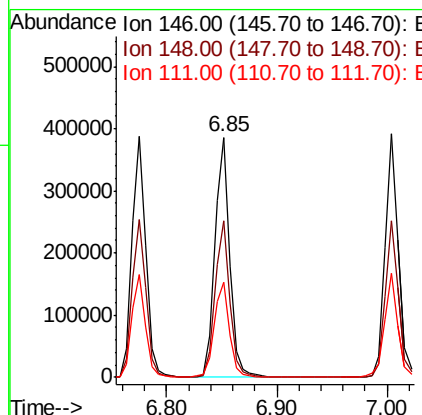
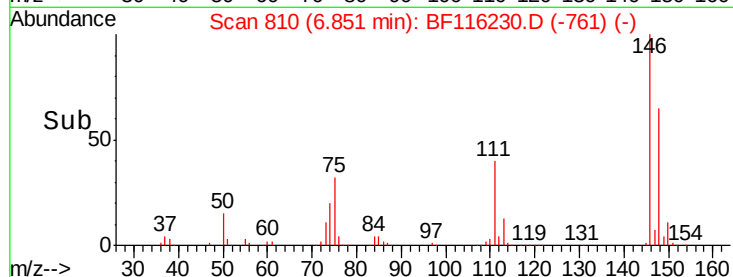
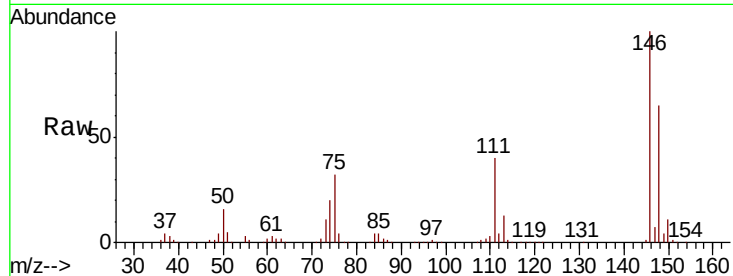




#13
 1,4-Dichlorobenzene
 Concen: 32.057 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

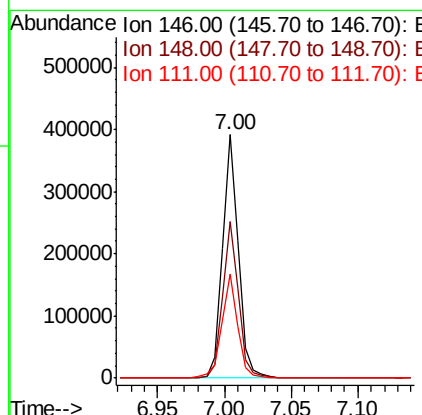
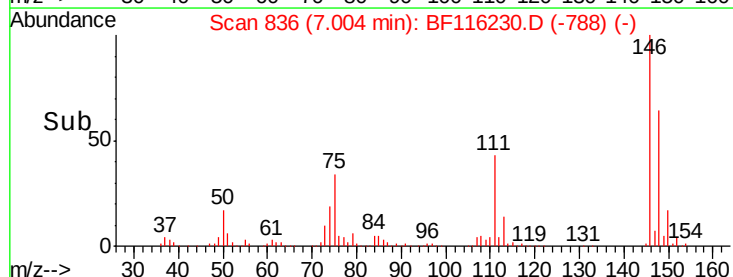
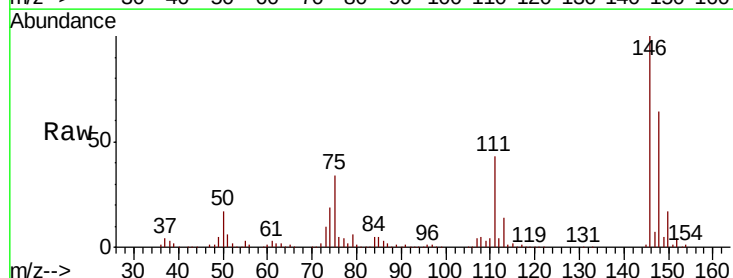
Instrument :
 BNA_F
 ClientSampled :
 TP-14MS

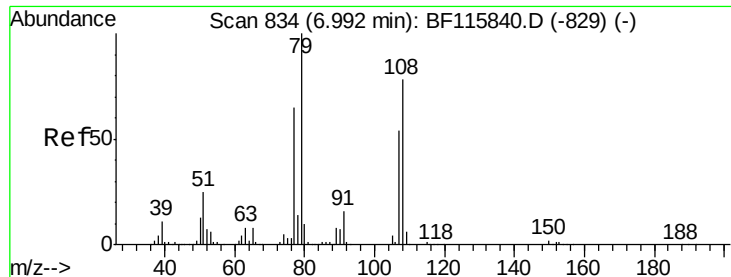
Tot Ion:146 Resp: 352078
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.3 76.9
 111 39.8 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 32.656 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion:146 Resp: 330245
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 42.8 33.5 50.3





#15

Benzyl Alcohol

Concen: 34.258 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

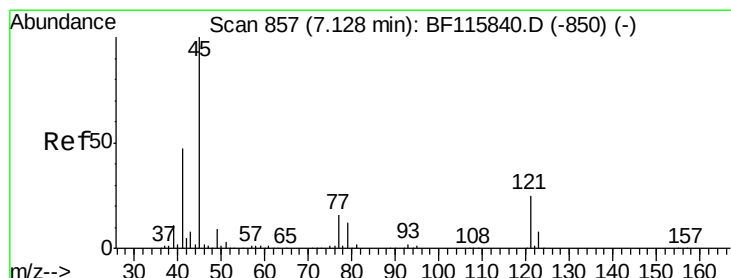
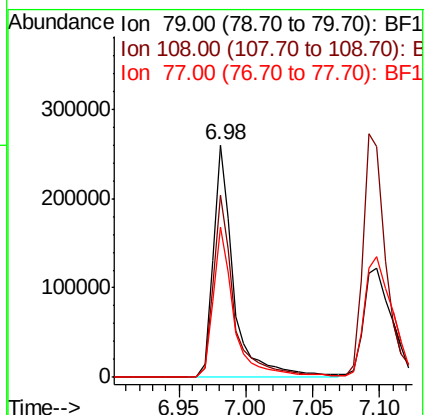
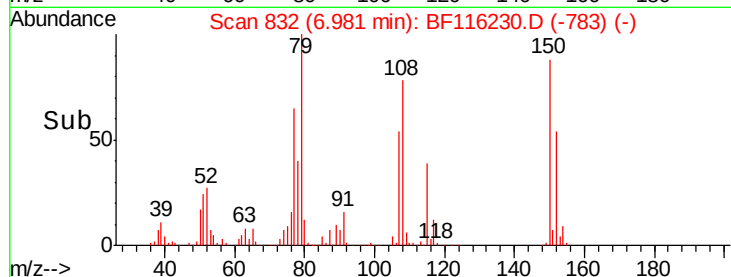
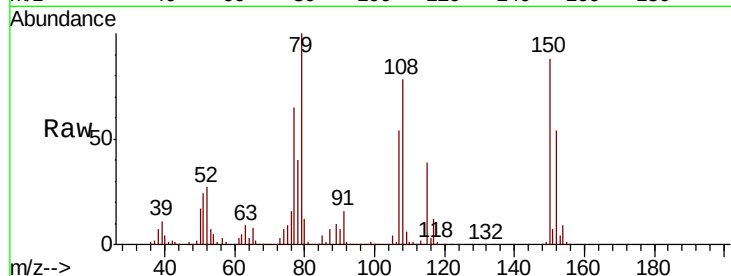
Tot Ion: 79 Resp: 281536

Ion Ratio Lower Upper

79 100

108 78.5 62.7 94.1

77 64.7 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.643 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

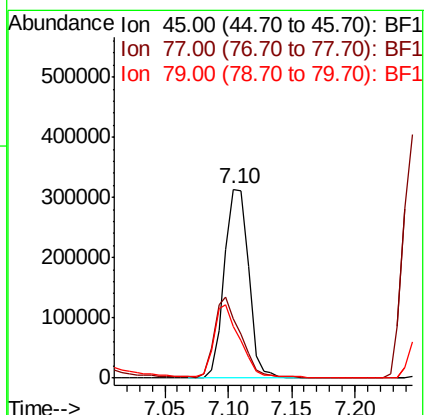
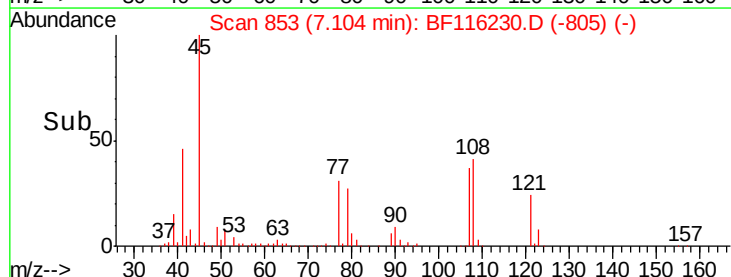
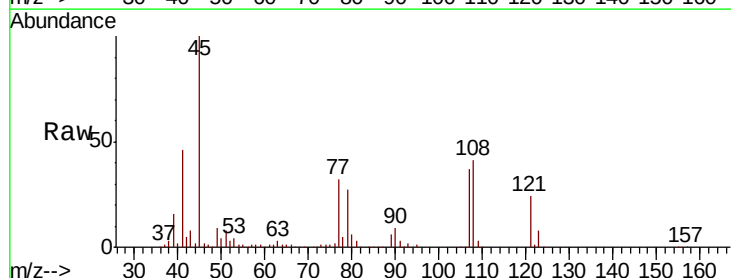
Tgt Ion: 45 Resp: 417452

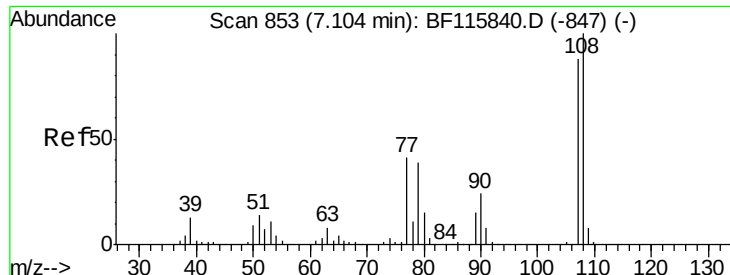
Ion Ratio Lower Upper

45 100

77 31.7 0.0 40.0

79 27.5 0.0 35.9

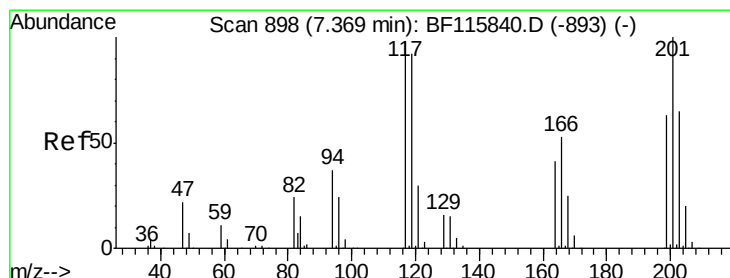
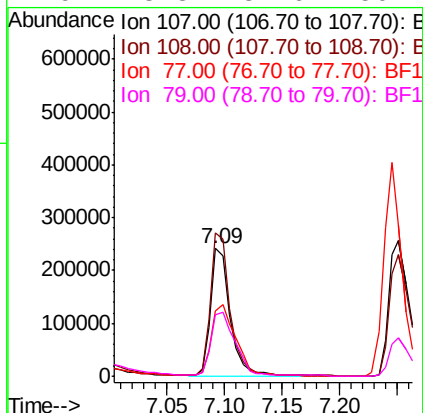
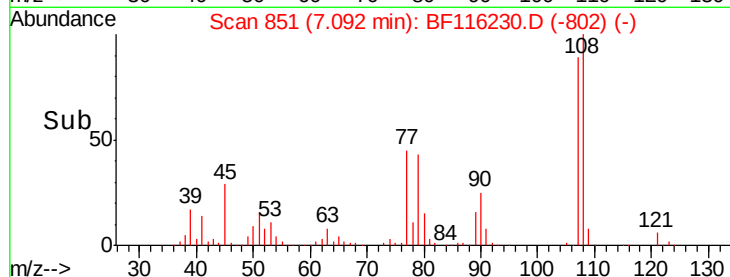
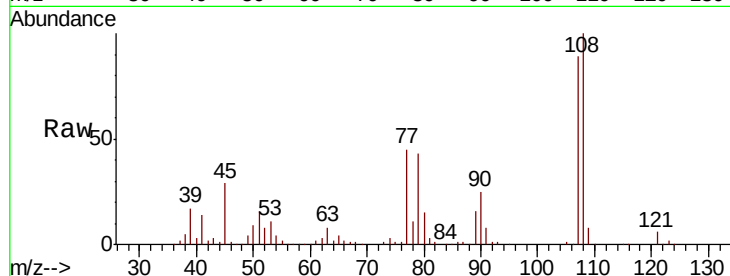




#17
2-Methylphenol
Concen: 35.166 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

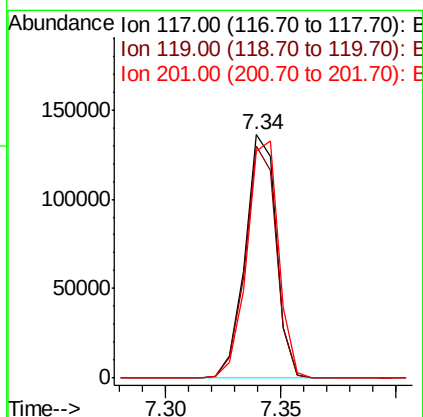
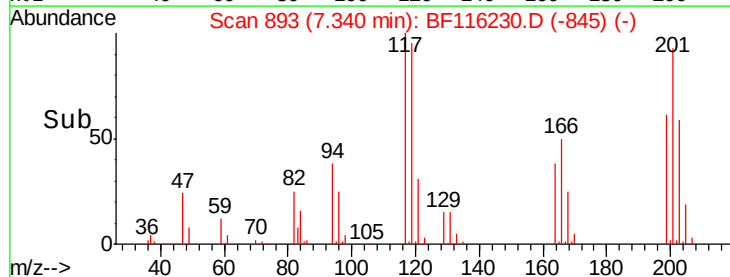
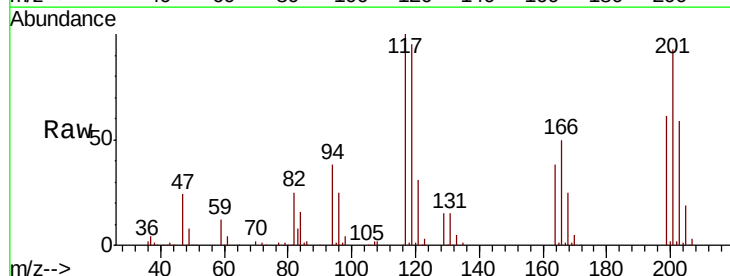
Instrument :
BNA_F
ClientSampleId :
TP-14MS

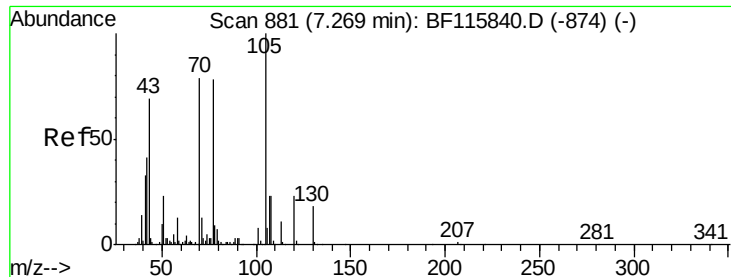
Tot Ion:	107	Resp:	282613
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.2	136.8
77	50.9	40.3	60.5
79	48.3	37.6	56.4



#18
Hexachloroethane
Concen: 31.751 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:	117	Resp:	128388
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
201	93.4	77.0	115.4

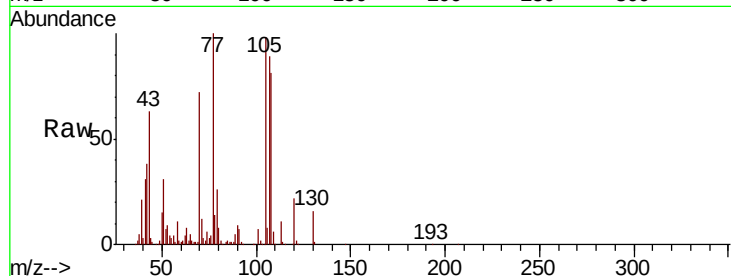




#19
n-Nitroso-di-n-propylamine
Concen: 34.902 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tot Ion:	70	Resp:	234213
Ion	Ratio	Lower	Upper
70	100		
42	52.2	40.9	61.3
101	10.2	7.9	11.9
130	22.0	16.9	25.3



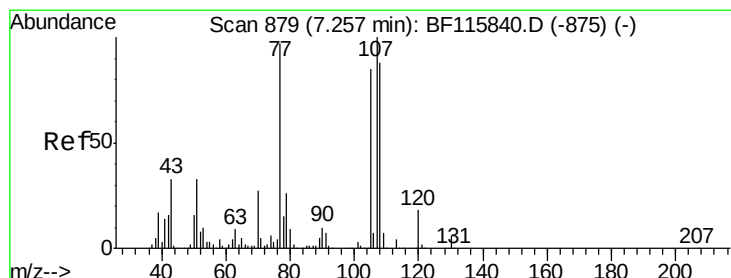
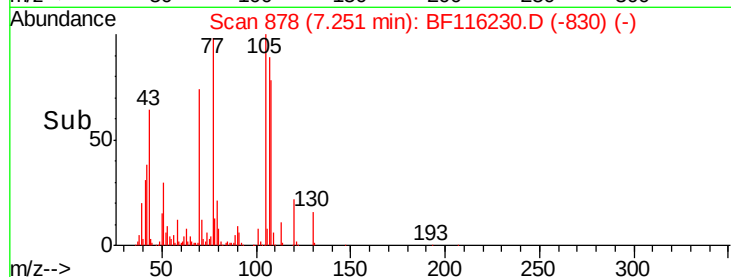
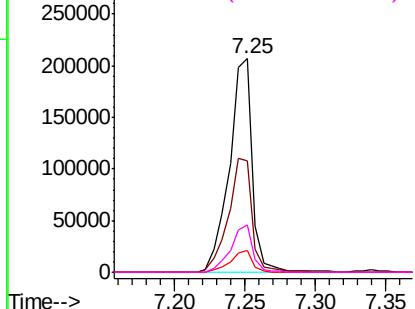
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

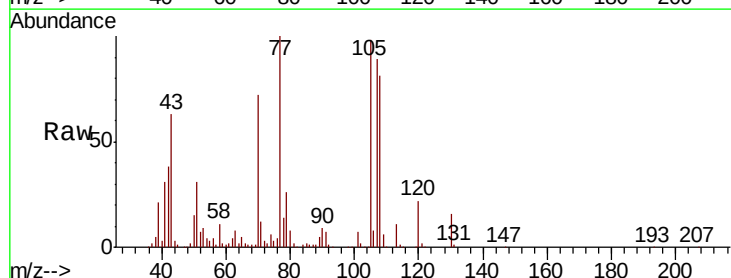
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 37.791 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:	107	Resp:	359401
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.6	107.6
77	111.9	104.4	144.4
79	28.8	7.4	47.4



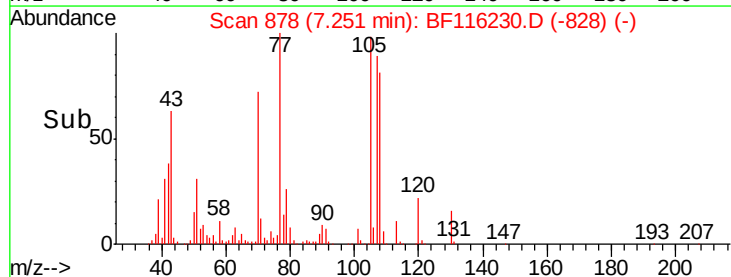
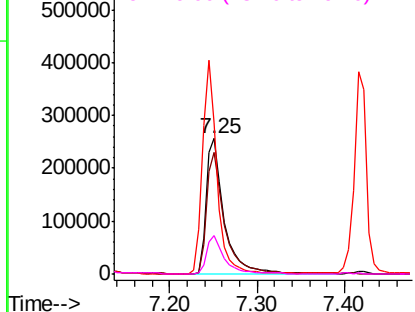
Abundance

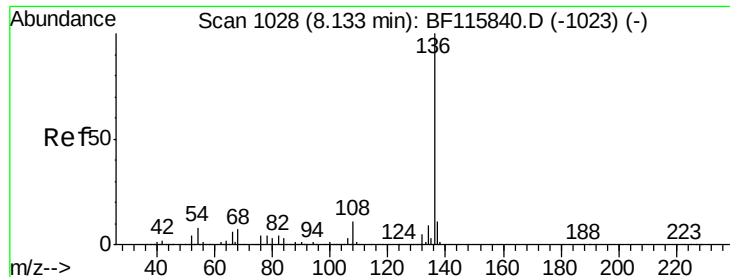
Ion 107.00 (106.70 to 107.70): E

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

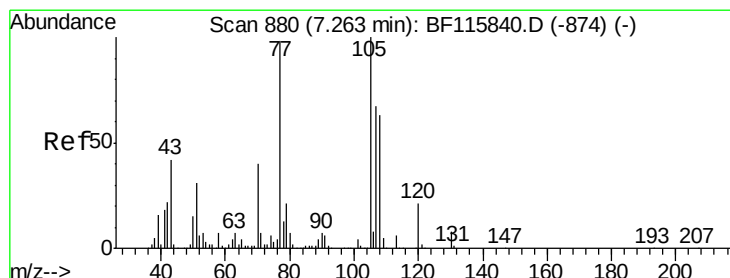
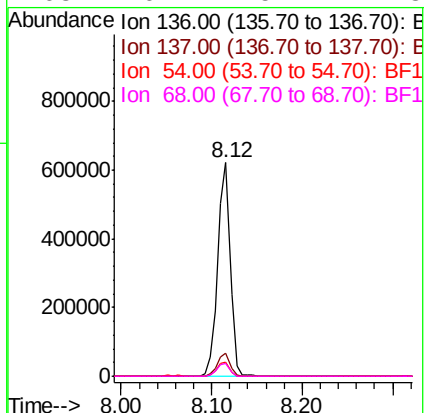
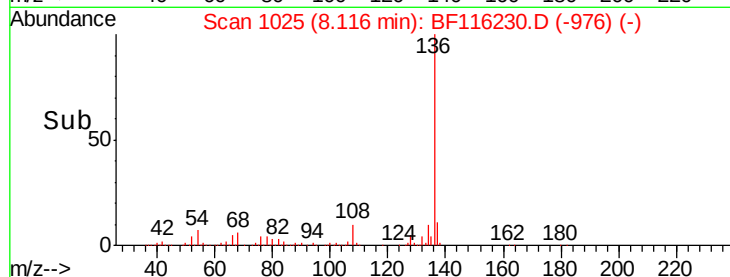
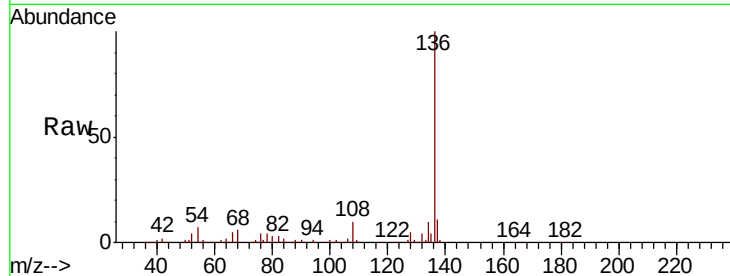




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

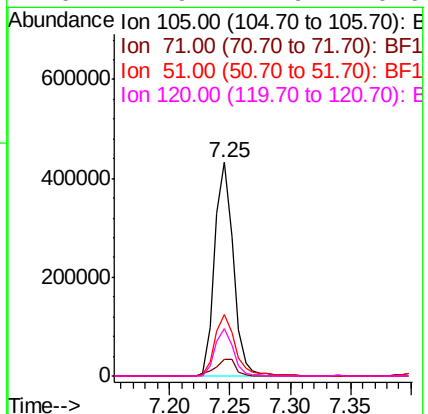
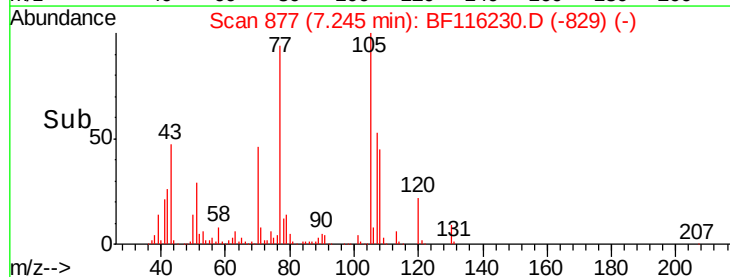
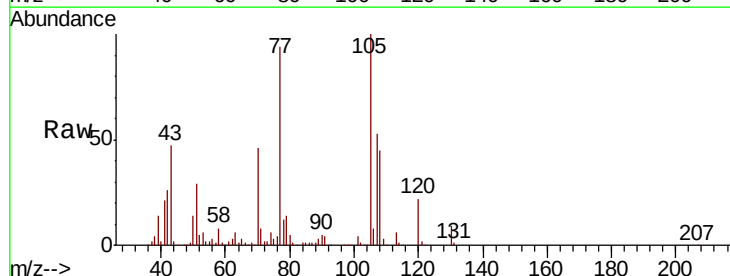
Instrument :
BNA_F
ClientSampleId :
TP-14MS

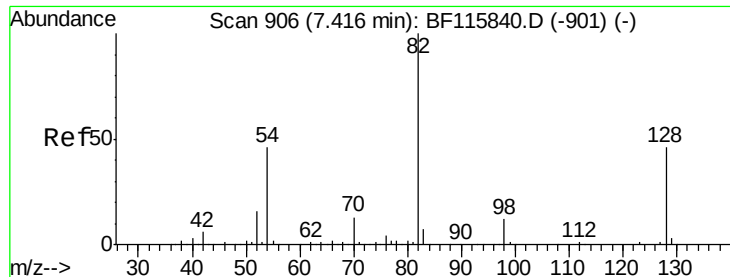
Tot Ion:136	Resp:	589634
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	6.6	5.8 8.6
68	6.2	5.2 7.8



#22
Acetophenone
Concen: 35.563 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:105	Resp:	459883
Ion	Ratio	Lower Upper
105	100	
71	7.9	5.9 8.9
51	29.1	25.3 37.9
120	21.9	17.9 26.9

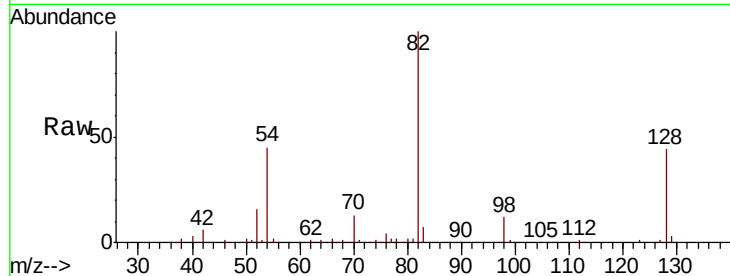




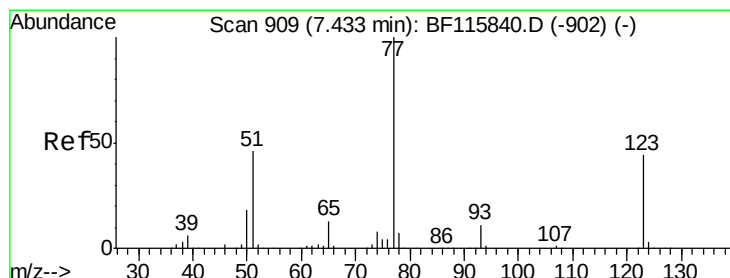
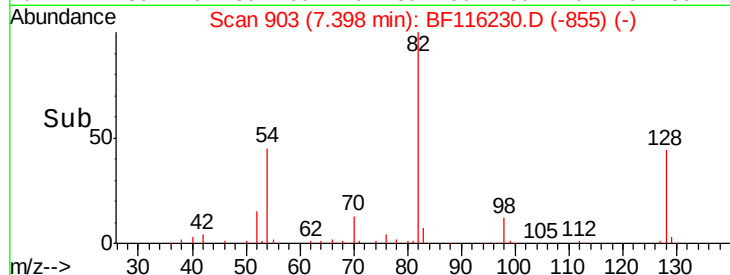
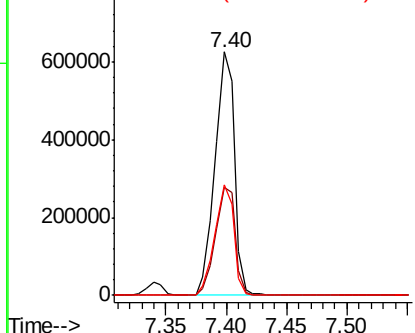
#23
 Nitrobenzene-d5
 Concen: 67.747 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Tot Ion: 82 Resp: 692029
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.5 54.7
 54 45.1 36.0 54.0

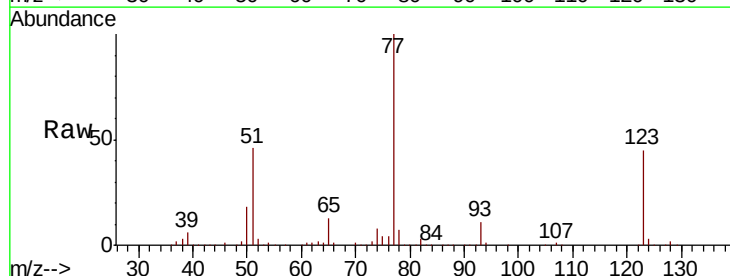


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

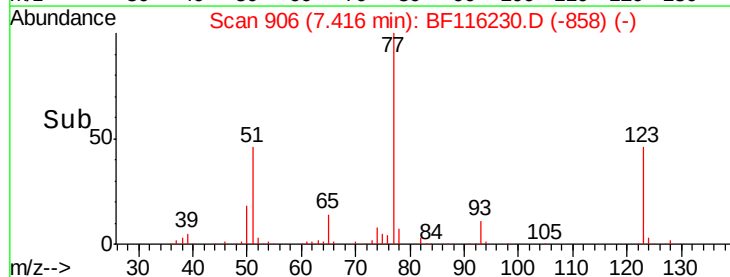
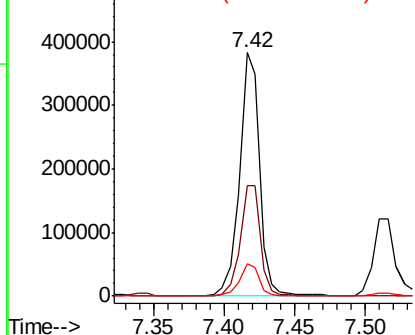


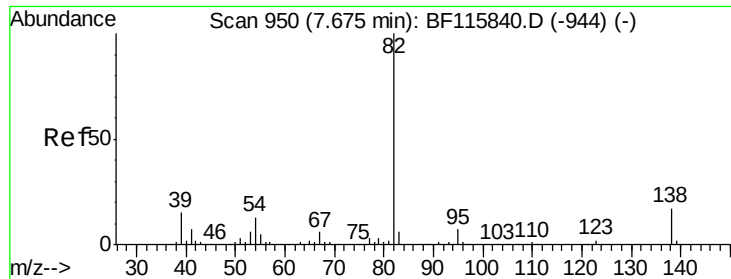
#24
 Nitrobenzene
 Concen: 33.985 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion: 77 Resp: 374843
 Ion Ratio Lower Upper
 77 100
 123 45.1 36.7 55.1
 65 13.5 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.712 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

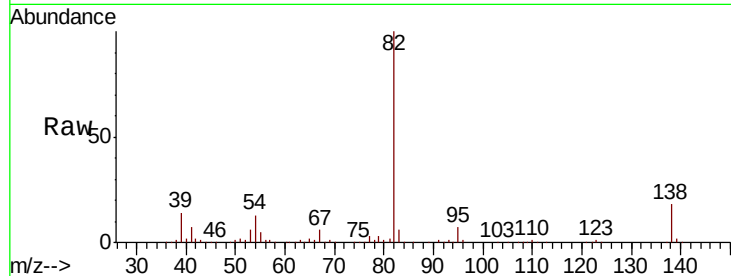
Tot Ion: 82 Resp: 697541

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

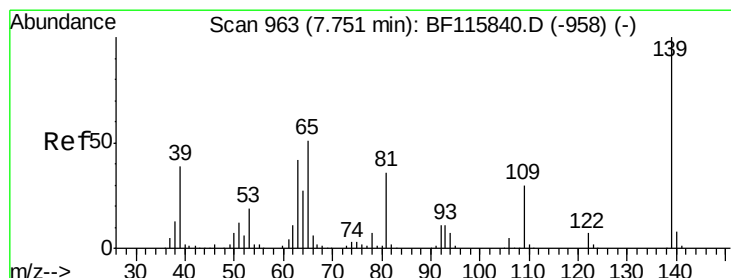
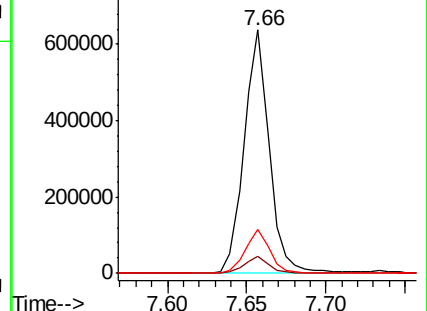
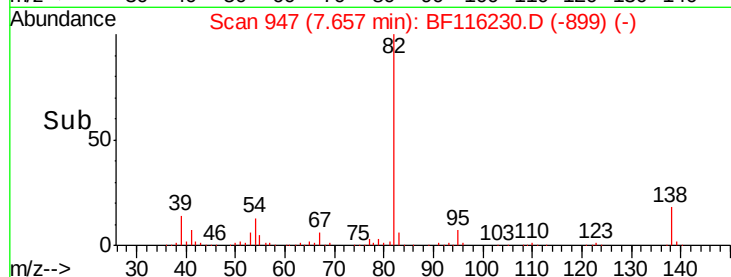
138 17.9 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.789 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

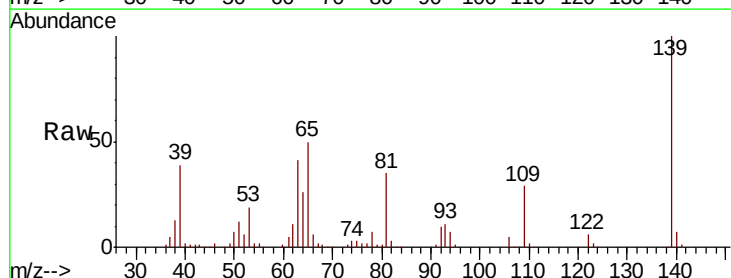
Tgt Ion: 139 Resp: 191275

Ion Ratio Lower Upper

139 100

109 28.5 23.4 35.2

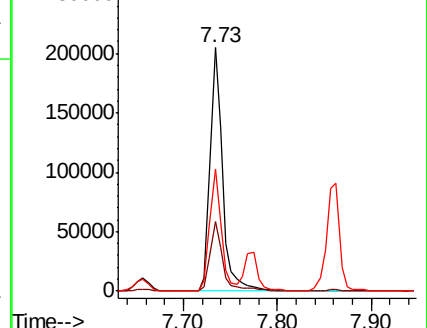
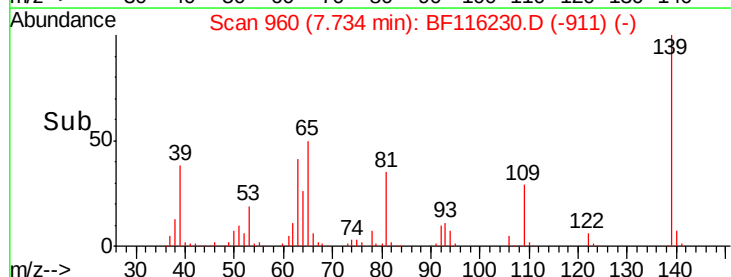
65 50.4 41.1 61.7

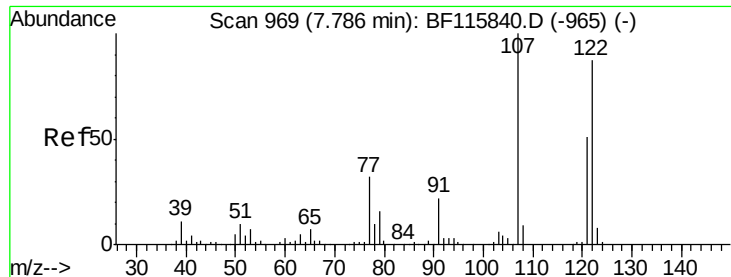


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.583 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

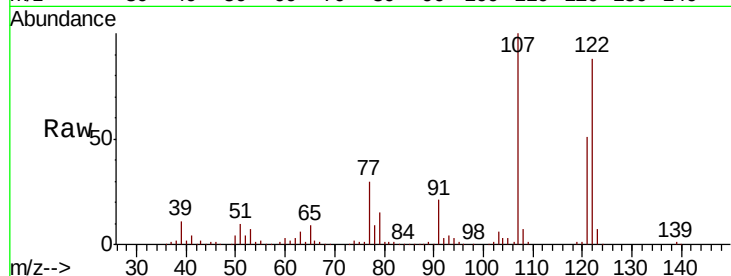
Tot Ion:122 Resp: 301802

Ion Ratio Lower Upper

122 100

107 113.6 93.0 139.6

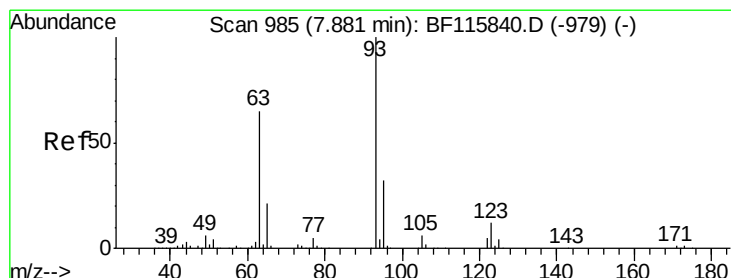
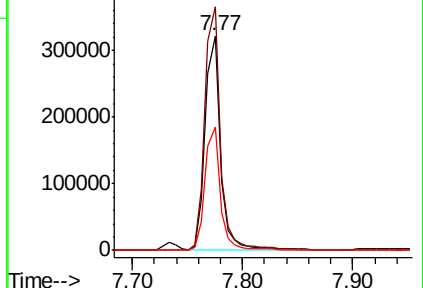
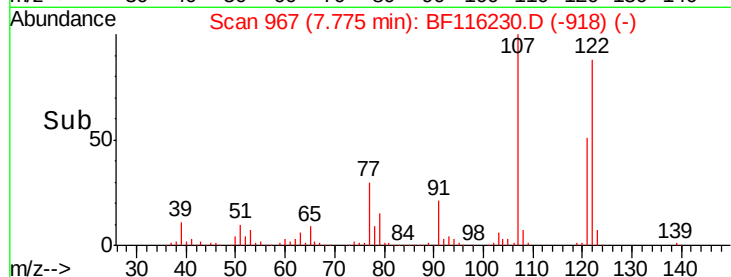
121 57.6 47.6 71.4



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: 35.329 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

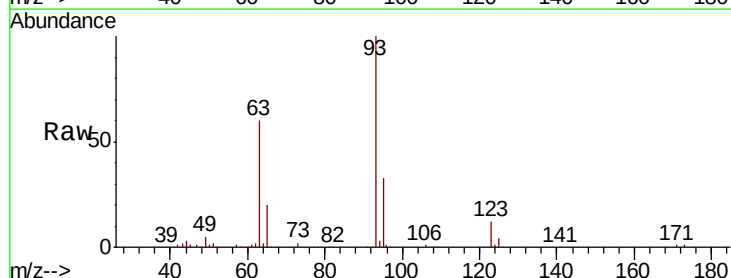
Tgt Ion: 93 Resp: 427715

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

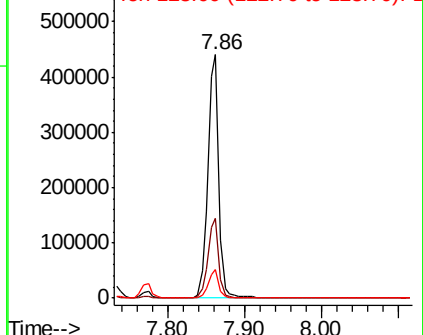
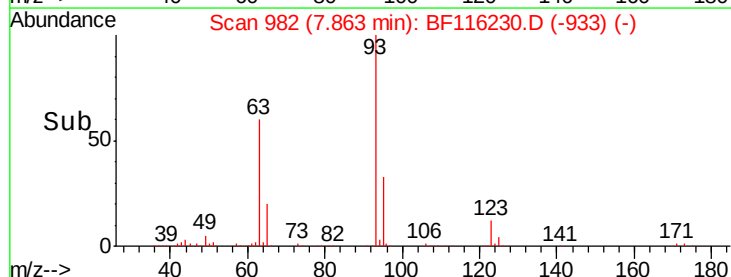
123 11.7 9.2 13.8

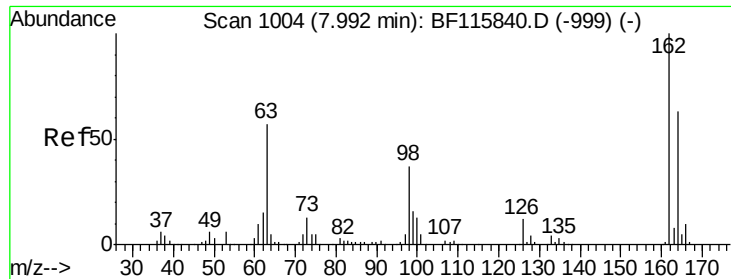


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

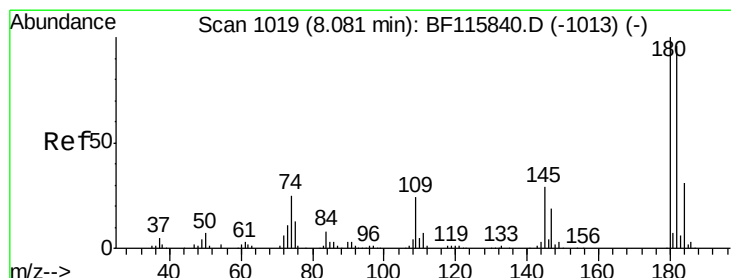
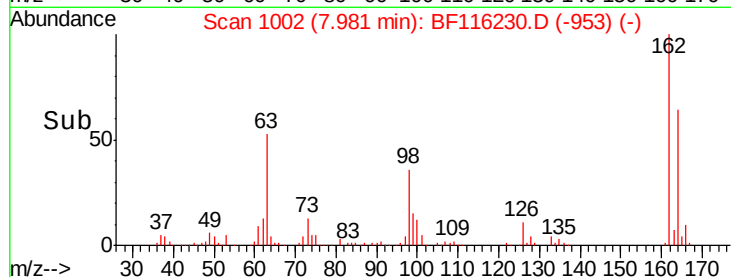
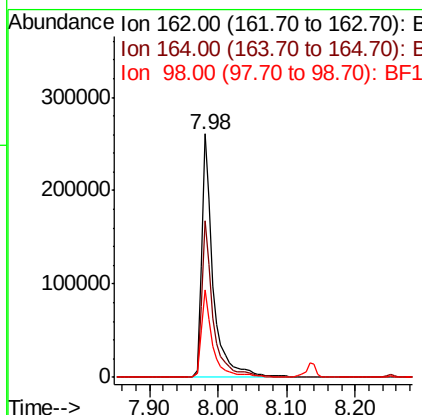
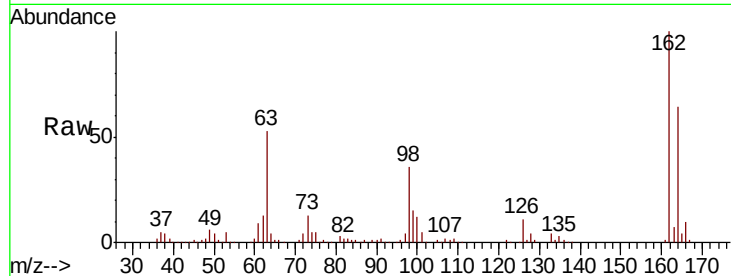




#29
 2,4-Dichlorophenol
 Concen: 37.684 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

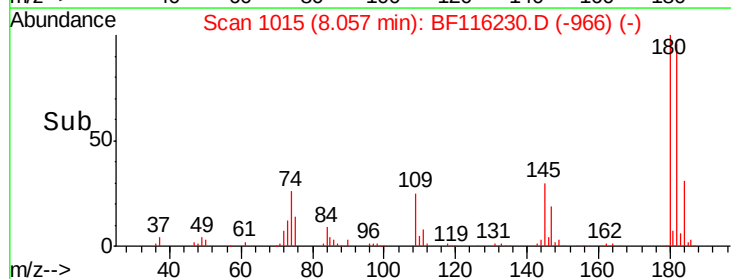
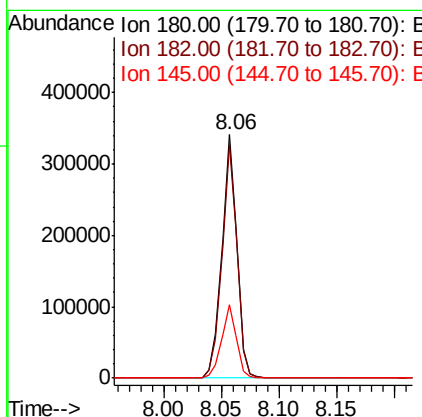
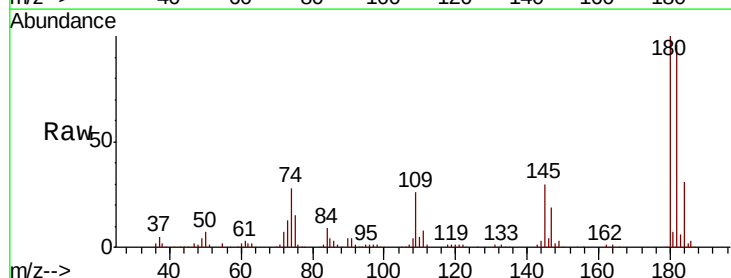
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

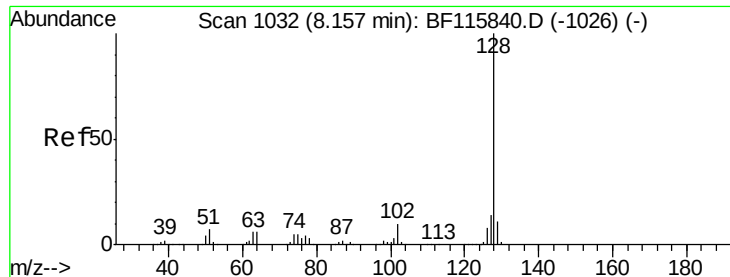
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.1	85.1
98	35.9	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 32.988 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
145	30.1	24.3	36.5

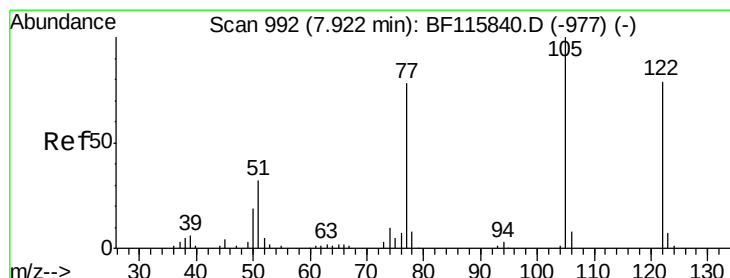
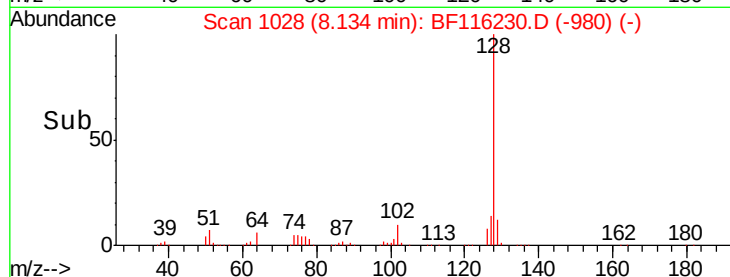
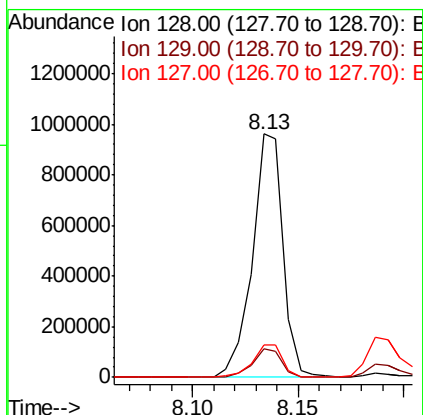
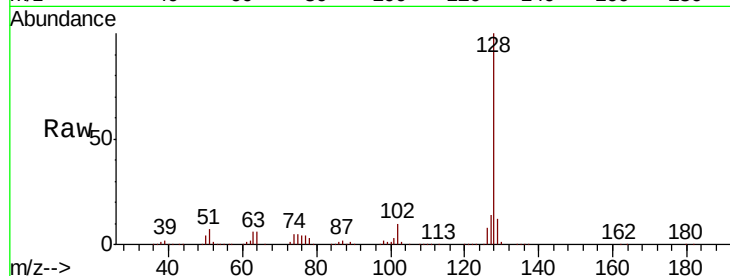




#31
Naphthalene
Concen: 35.109 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

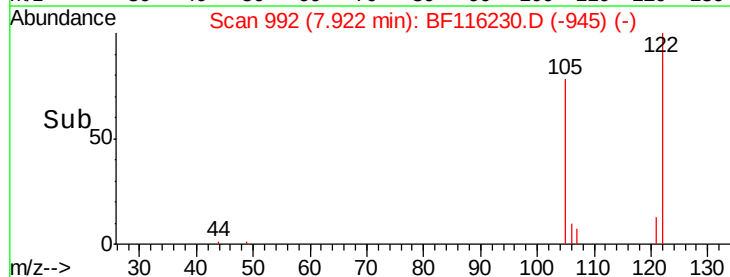
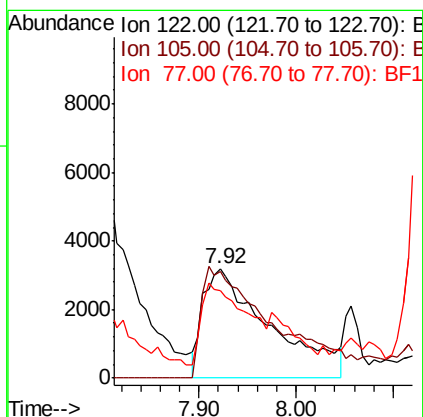
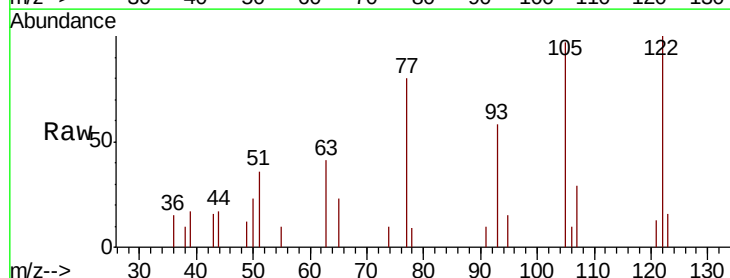
Instrument :
BNA_F
ClientSampleId :
TP-14MS

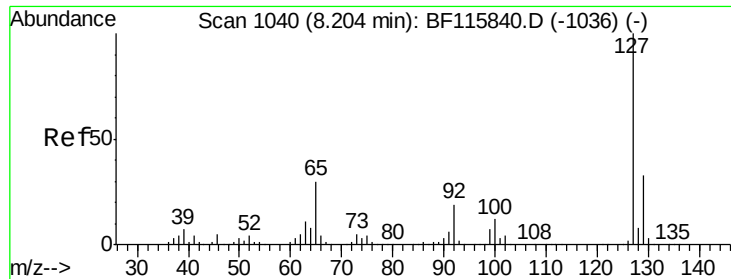
Tot Ion:128 Resp: 974156
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 2.754 ng m
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:122 Resp: 15188
Ion Ratio Lower Upper
122 100
105 96.8 106.1 146.1#
77 80.1 76.7 116.7

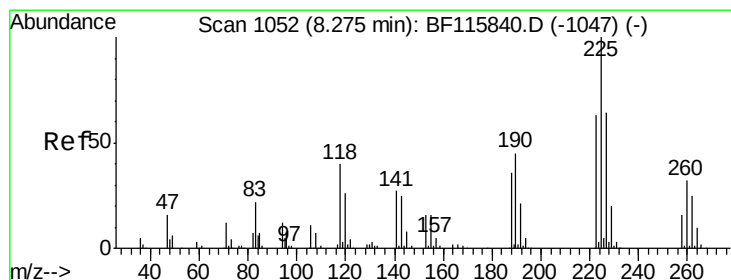
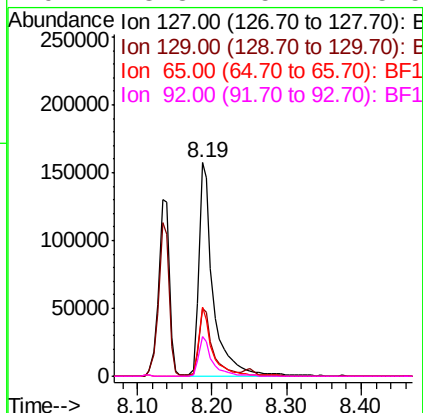
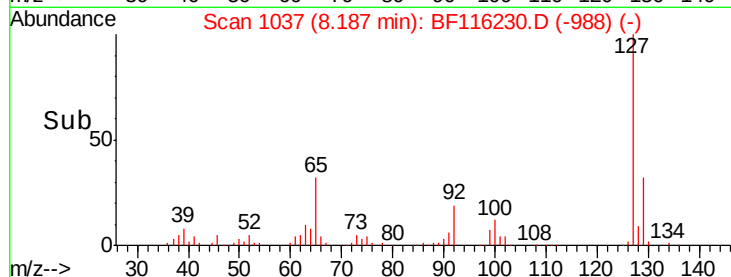
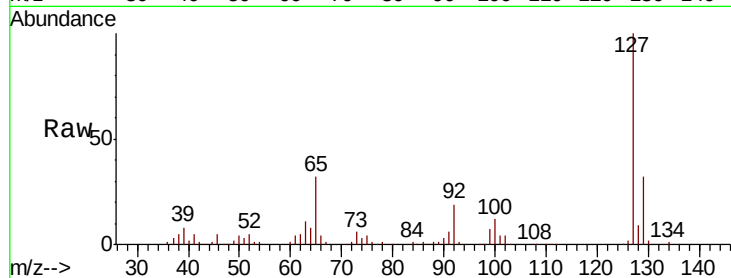




#33
4-Chloroaniline
Concen: 17.182 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

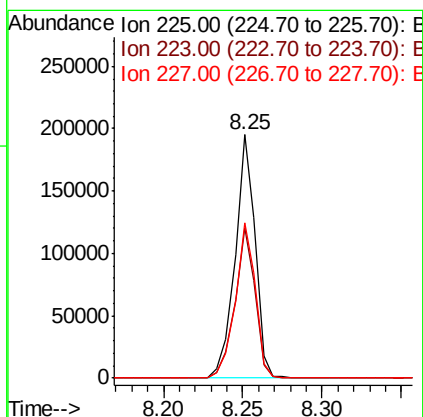
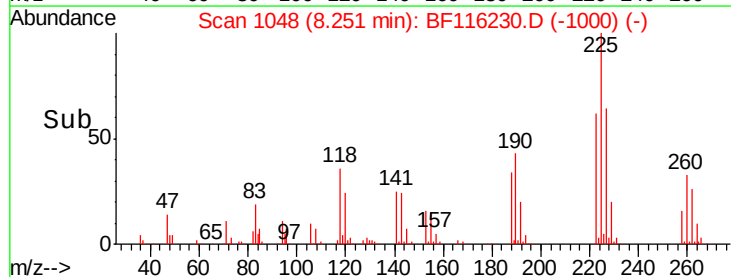
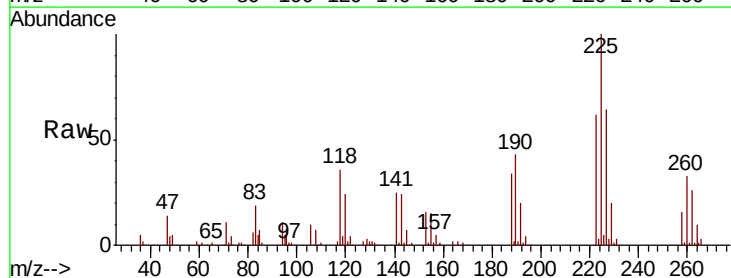
Instrument :
BNA_F
ClientSampleId :
TP-14MS

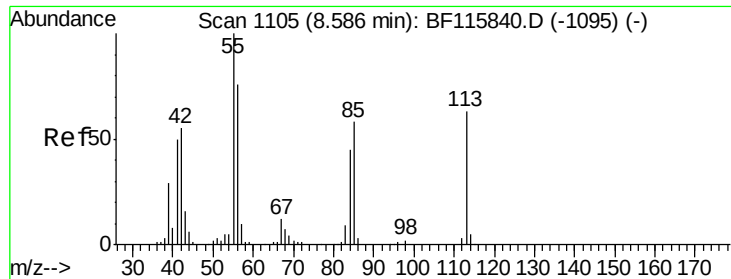
Tot Ion:127	Resp:	213011
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.1 39.1
65	32.1	24.9 37.3
92	18.8	15.7 23.5



#34
Hexachlorobutadiene
Concen: 31.513 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:225	Resp:	170886
Ion Ratio	Lower	Upper
225	100	
223	61.7	50.0 75.0
227	64.0	51.0 76.4





#35

Caprolactam

Concen: 37.432 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleID :

TP-14MS

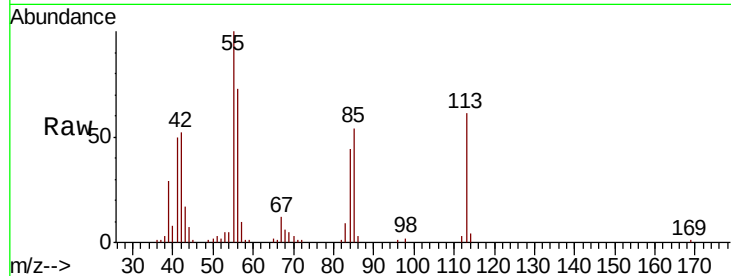
Tot Ion:113 Resp: 99989

Ion Ratio Lower Upper

113 100

55 164.7 144.3 184.3

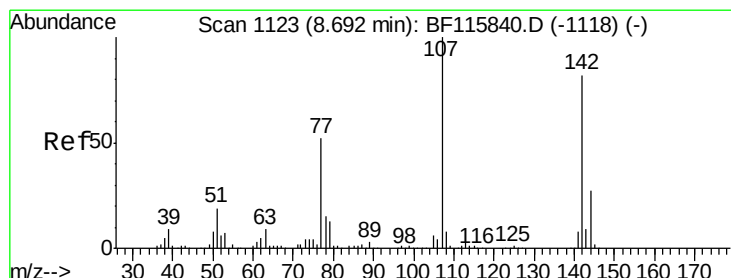
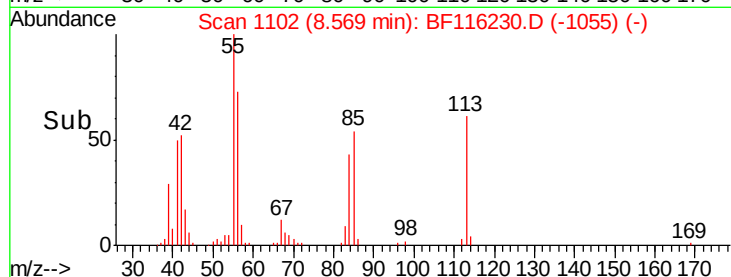
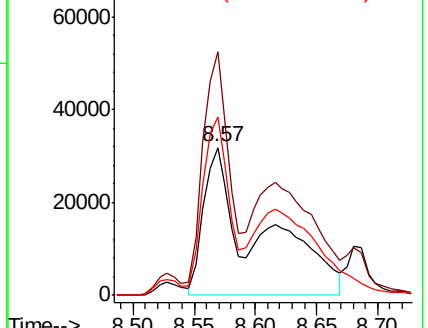
56 120.3 97.1 137.1



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: 39.489 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

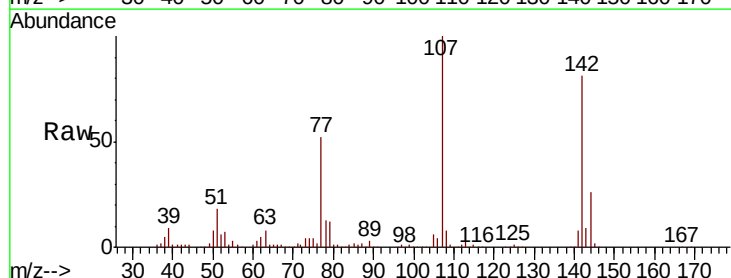
Tgt Ion:107 Resp: 339293

Ion Ratio Lower Upper

107 100

144 25.9 20.2 30.2

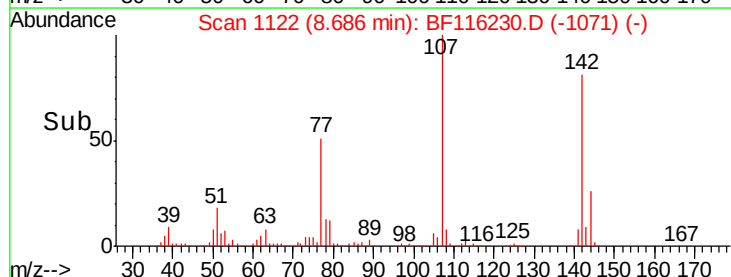
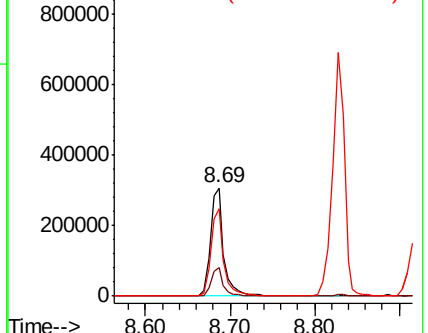
142 81.2 61.7 92.5

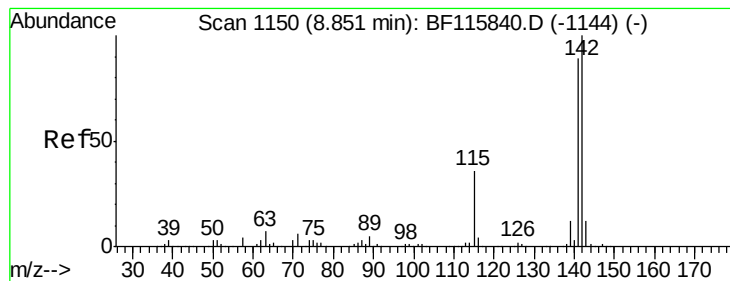


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.636 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

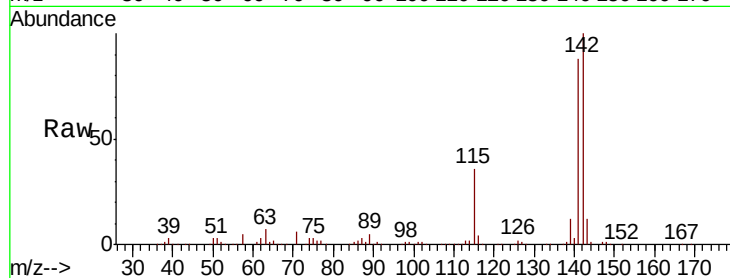
Tot Ion:142 Resp: 669473

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3

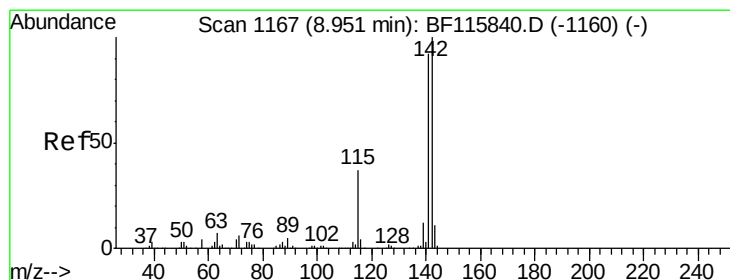
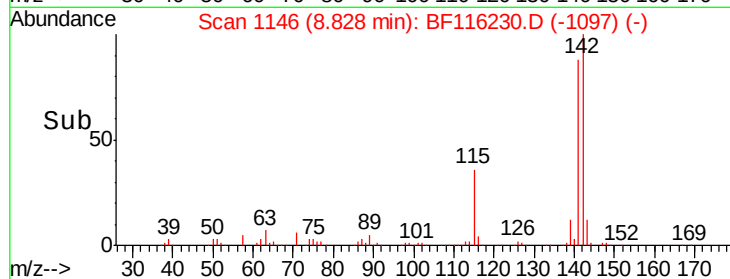
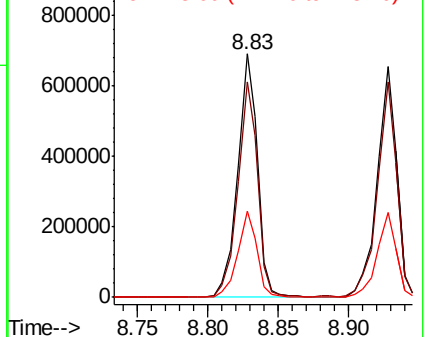
115 35.6 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.323 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

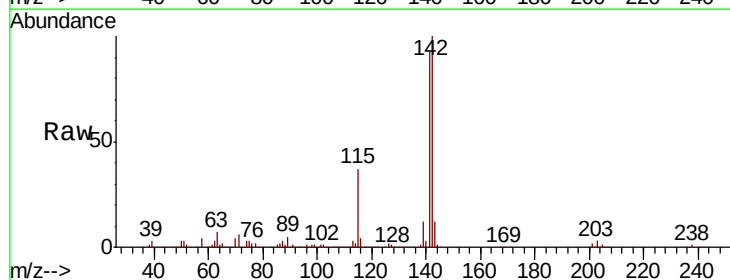
Tgt Ion:142 Resp: 627934

Ion Ratio Lower Upper

142 100

141 93.3 74.4 111.6

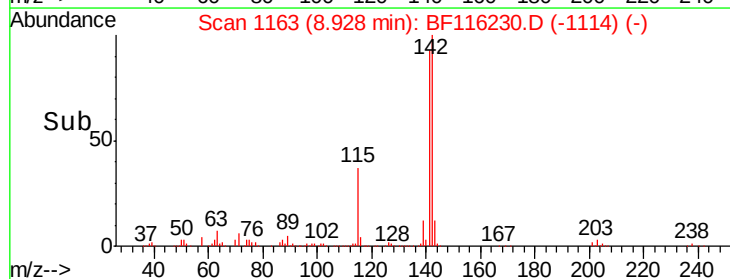
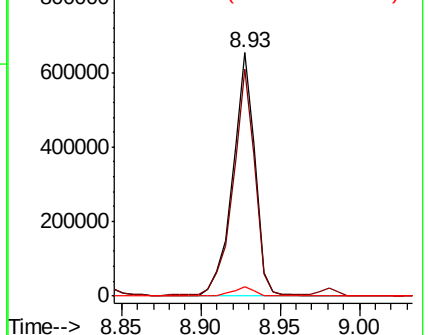
116 3.8 3.1 4.7

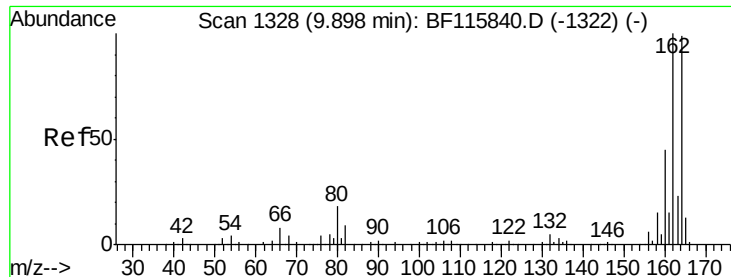


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

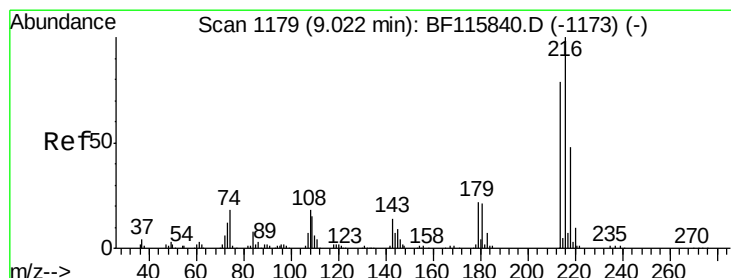
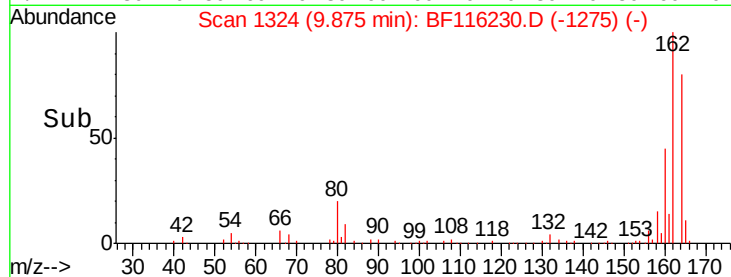
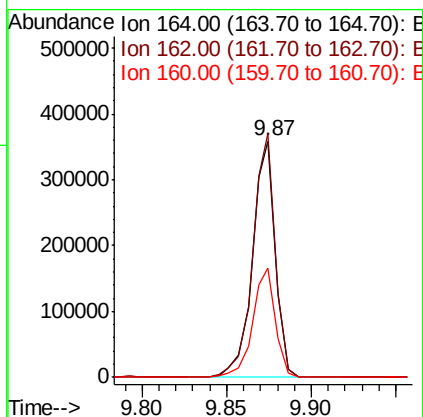
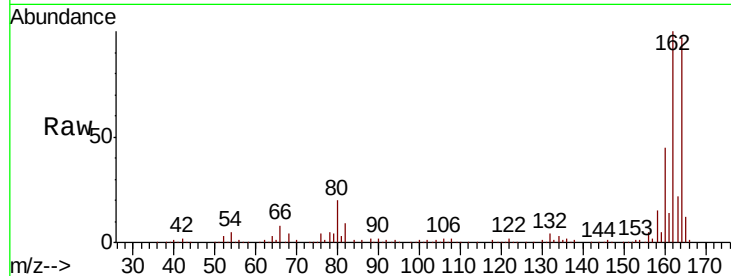




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

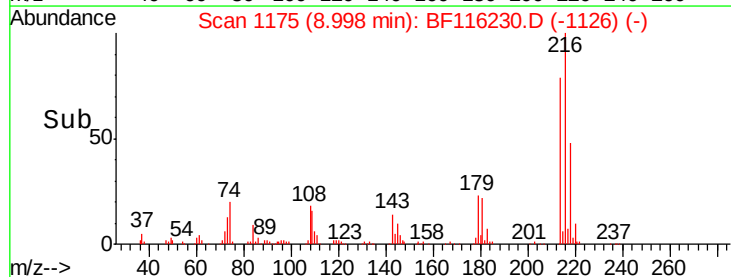
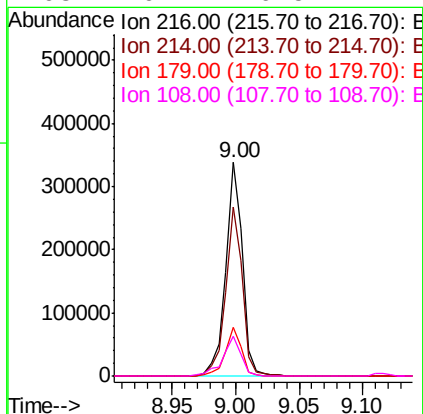
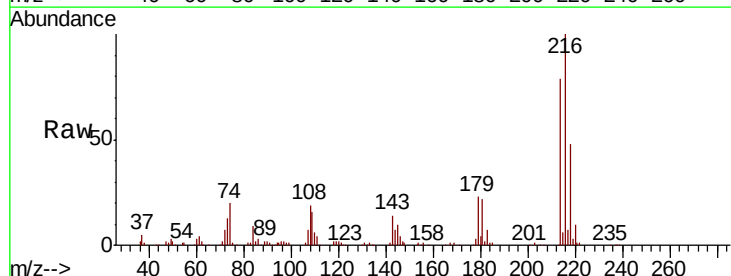
Instrument :
BNA_F
ClientSampleId :
TP-14MS

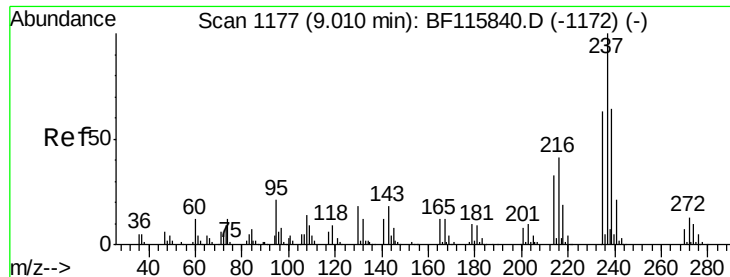
Tot Ion:164 Resp: 337582
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.2 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.044 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:216 Resp: 307242
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 21.9 17.8 26.8
108 20.2 16.5 24.7

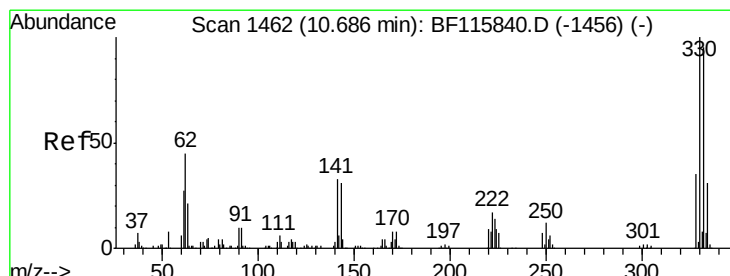
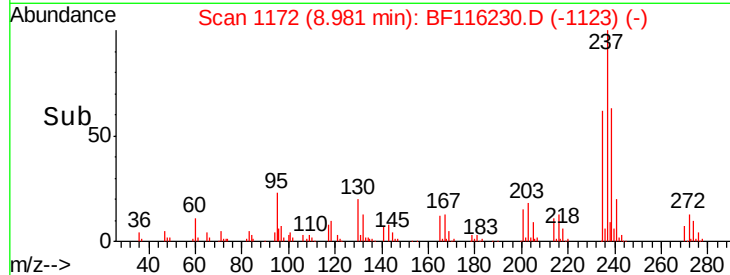
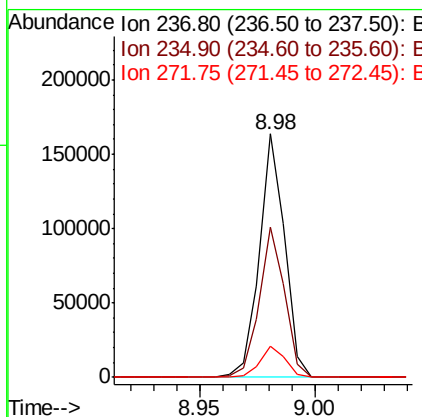
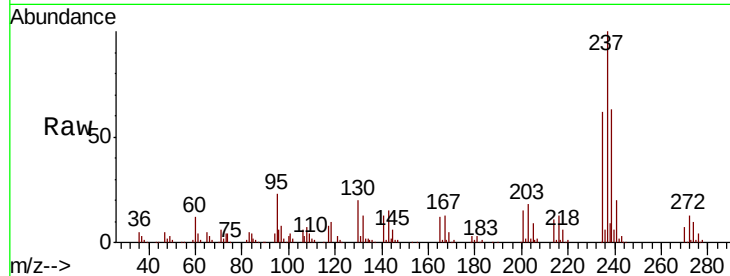




#41
Hexachlorocyclopentadiene
Concen: 34.631 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

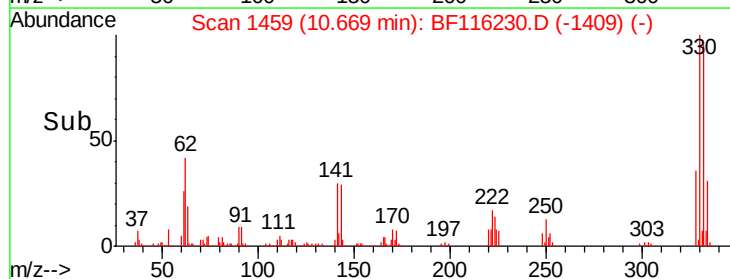
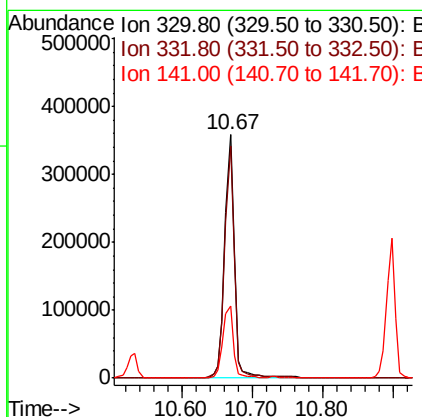
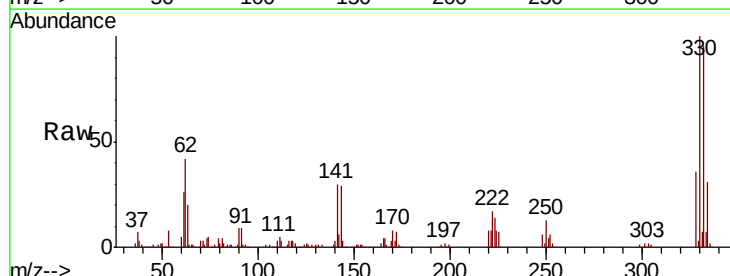
Instrument :
BNA_F
ClientSampleId :
TP-14MS

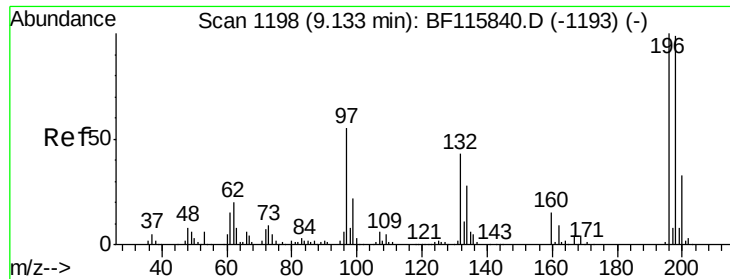
Tot Ion:237	Resp:	125616
Ion Ratio	Lower	Upper
237	100	
235	61.6	43.4 83.4
272	12.6	0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 105.964 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:330	Resp:	346816
Ion Ratio	Lower	Upper
330	100	
332	96.2	76.8 115.2
141	32.0	26.3 39.5

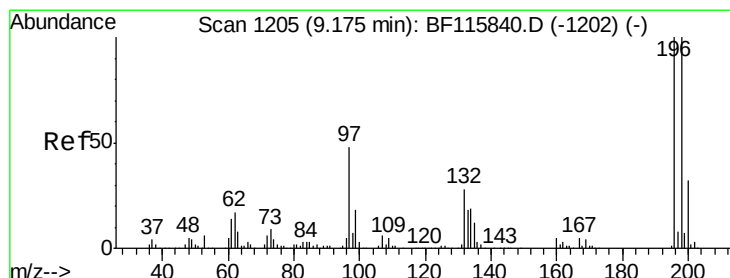
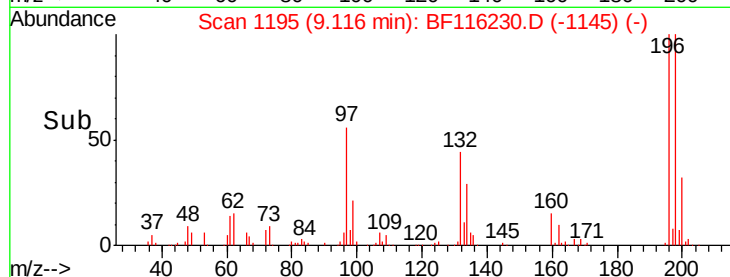
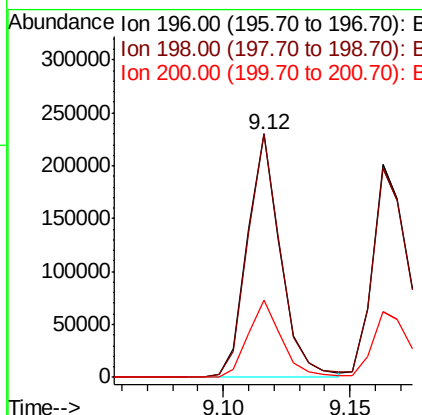
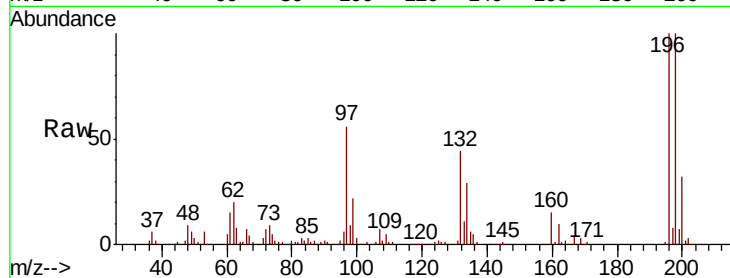




#43
 2,4,6-Trichlorophenol
 Concen: 33.828 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

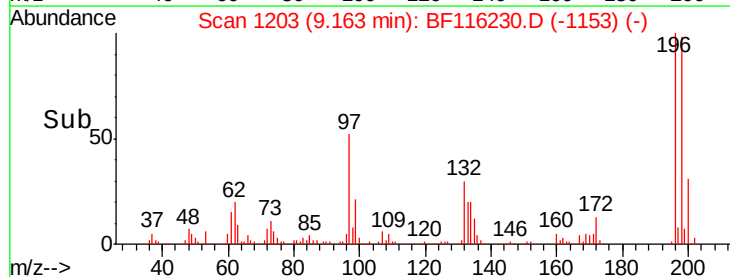
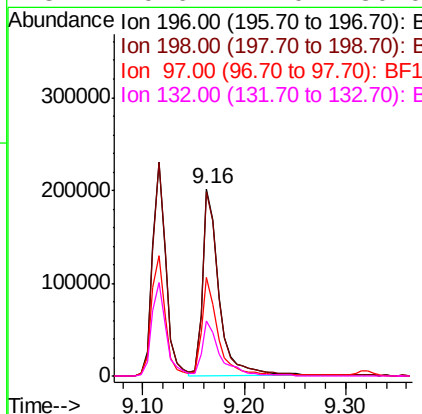
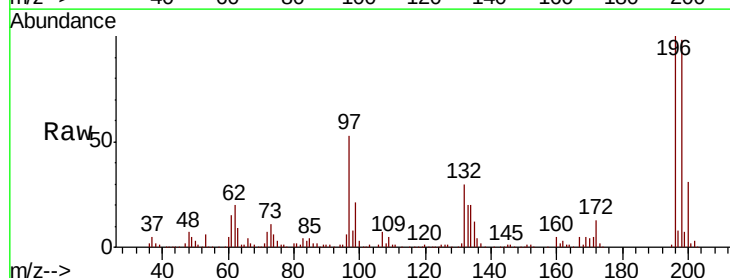
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

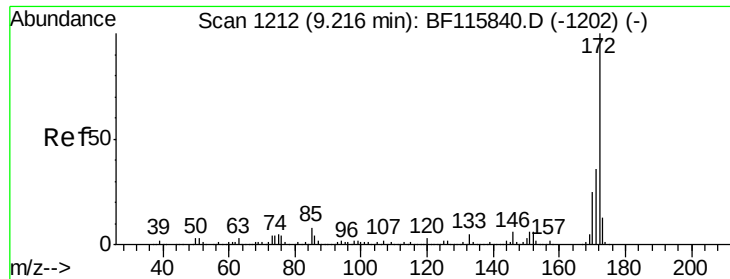
Tot Ion:196 Resp: 210140
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.2 118.8
 200 31.7 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 35.384 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion:196 Resp: 227210
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.8 118.2
 97 52.6 42.2 63.4
 132 29.6 24.0 36.0

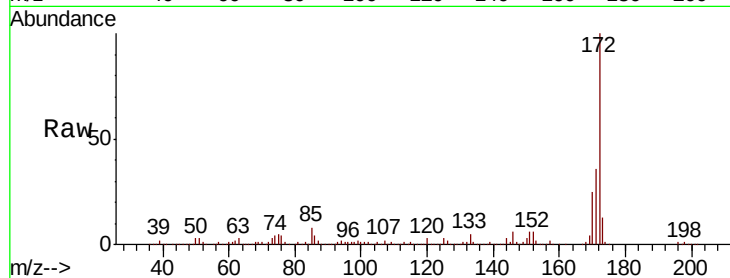




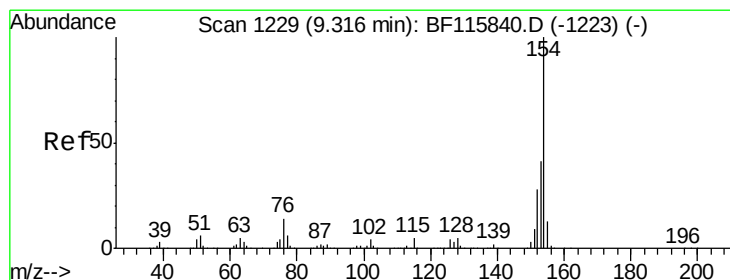
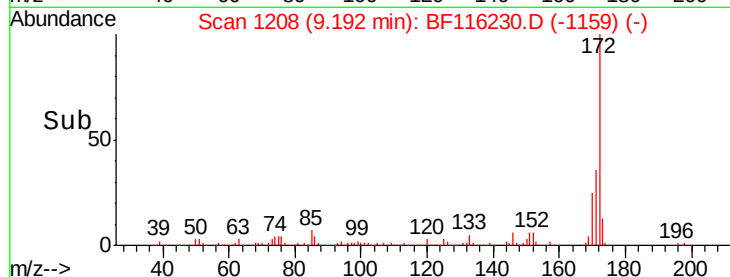
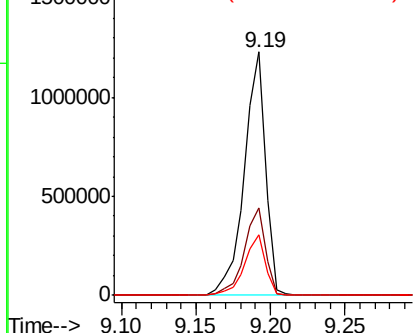
#45
2-Fluorobiphenyl
Concen: 67.447 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tot Ion:172 Resp: 1215588
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.8 20.1 30.1

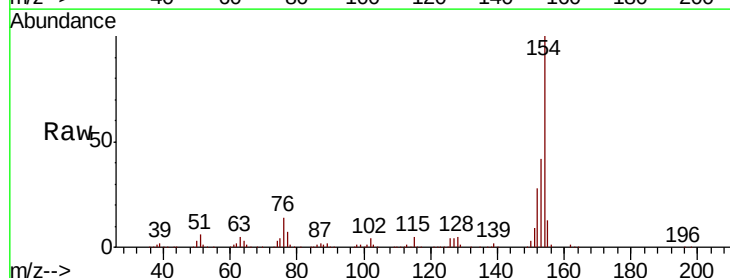


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

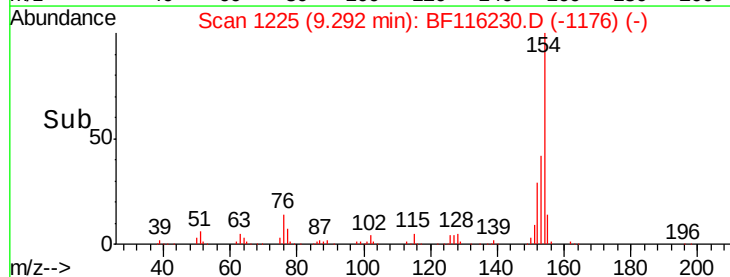
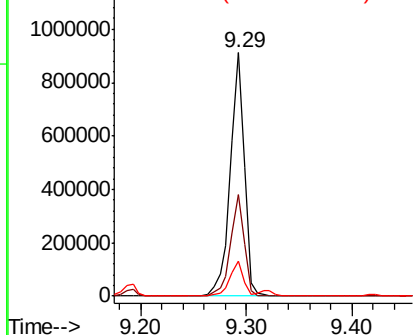


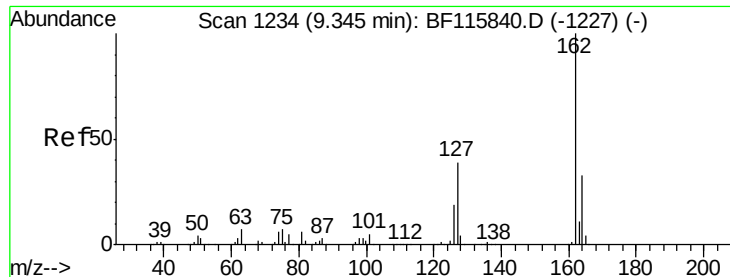
#46
1,1'-Biphenyl
Concen: 34.923 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:154 Resp: 832331
Ion Ratio Lower Upper
154 100
153 41.6 21.4 61.4
76 14.2 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

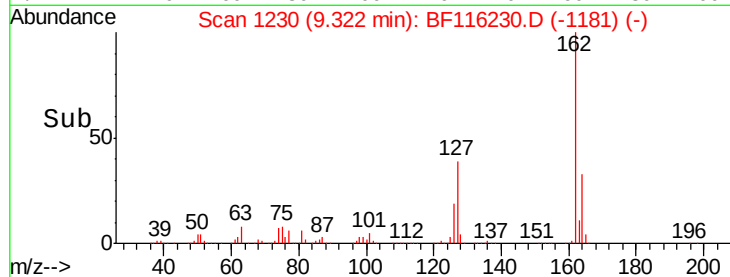
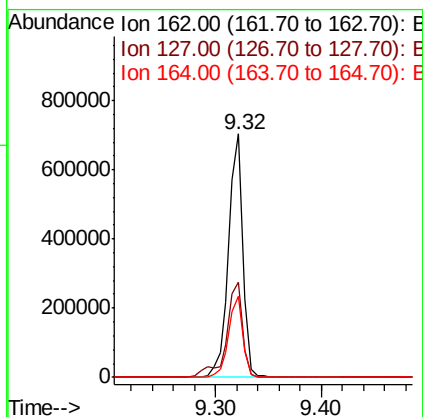
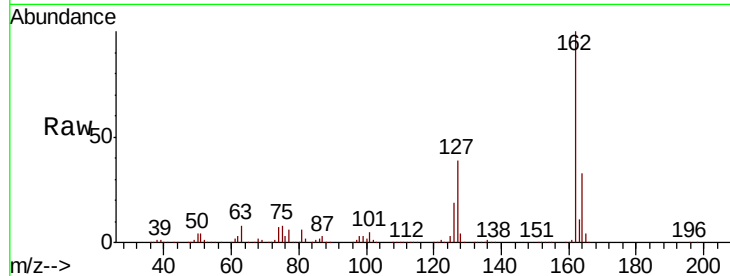




#47
 2-Chloronaphthalene
 Concen: 33.197 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

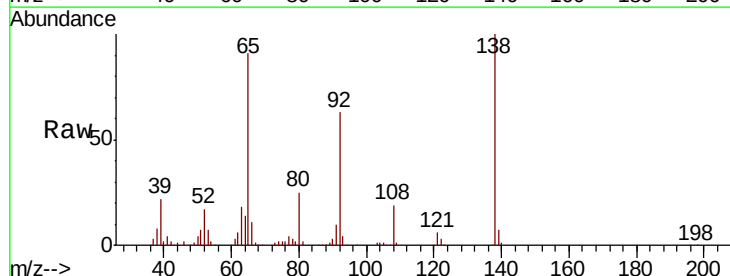
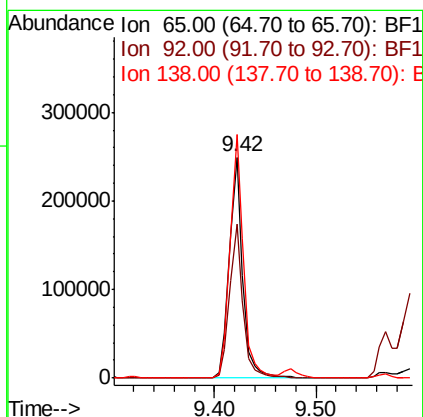
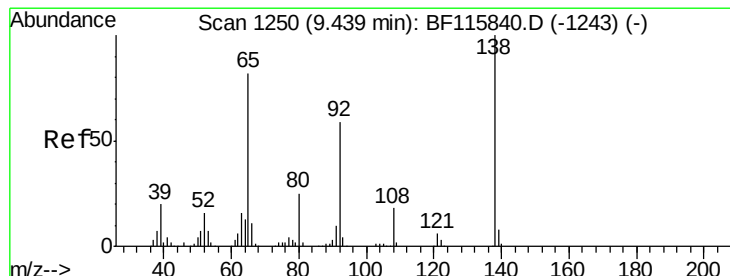
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

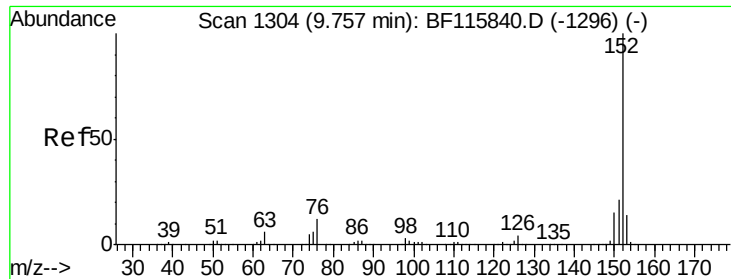
Tot Ion: 162 Resp: 658504
 Ion Ratio Lower Upper
 162 100
 127 39.0 32.8 49.2
 164 33.5 26.6 39.8



#48
 2-Nitroaniline
 Concen: 35.259 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion: 65 Resp: 231178
 Ion Ratio Lower Upper
 65 100
 92 69.7 57.8 86.8
 138 110.2 94.0 141.0





#49

Acenaphthylene

Concen: 35.402 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

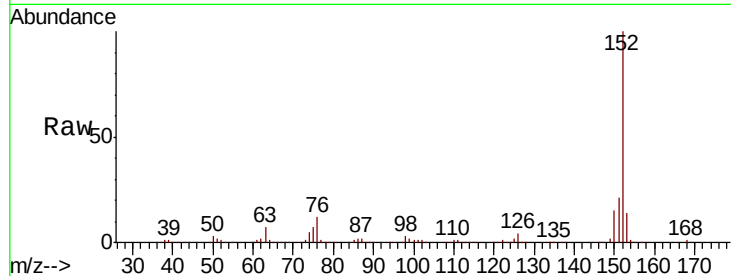
Tot Ion:152 Resp: 1024495

Ion Ratio Lower Upper

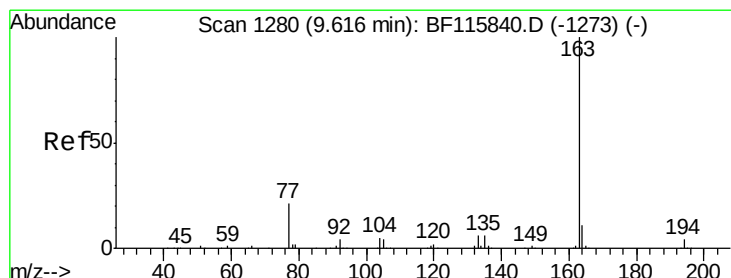
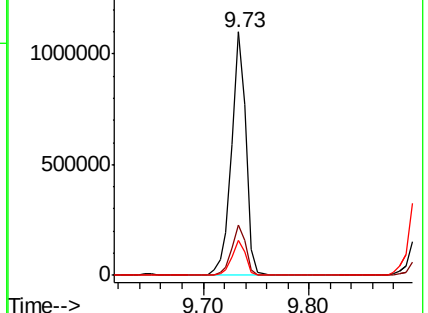
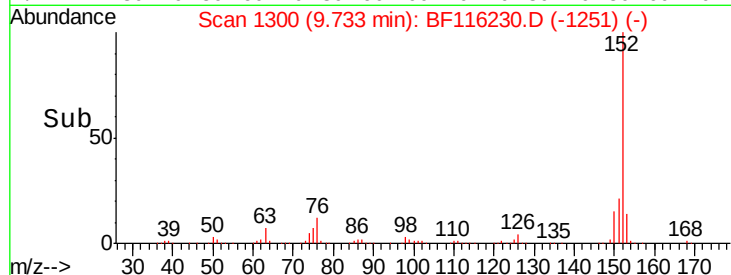
152 100

151 20.8 17.2 25.8

153 14.2 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.792 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

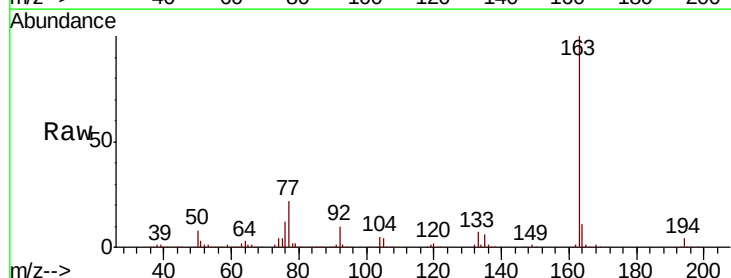
Tgt Ion:163 Resp: 1121514

Ion Ratio Lower Upper

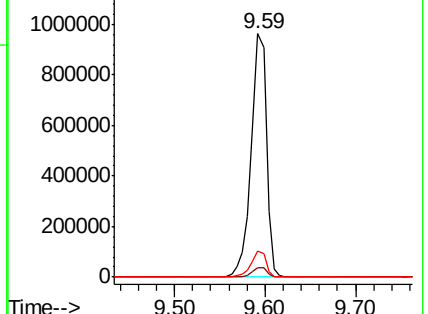
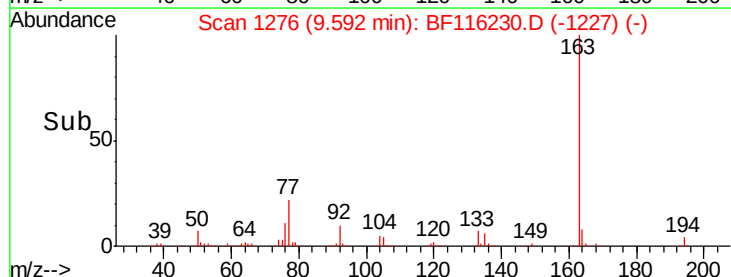
163 100

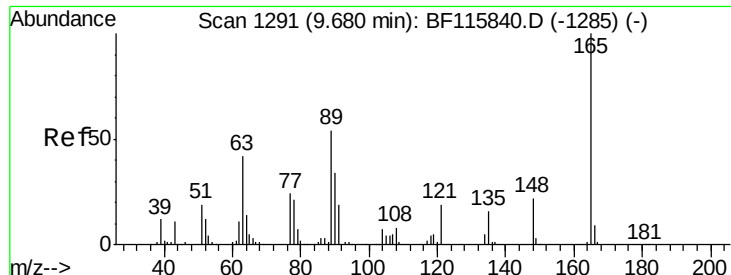
194 3.9 3.0 4.6

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

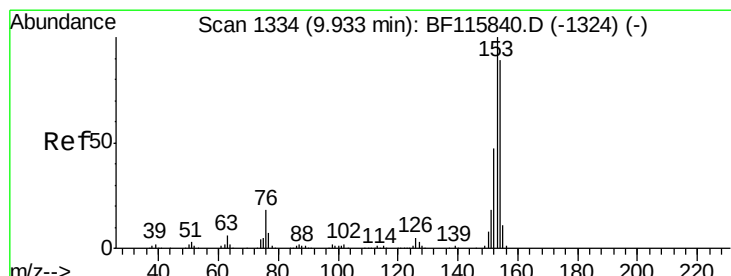
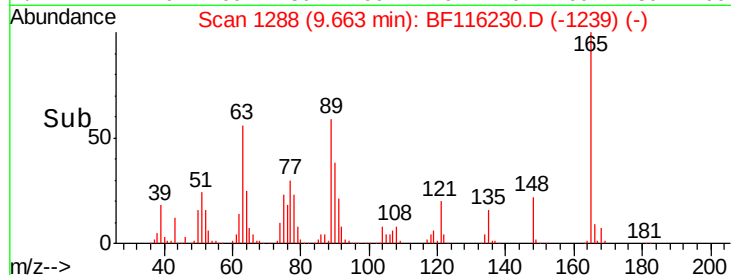
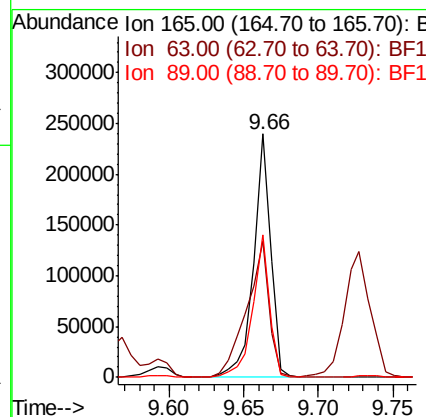
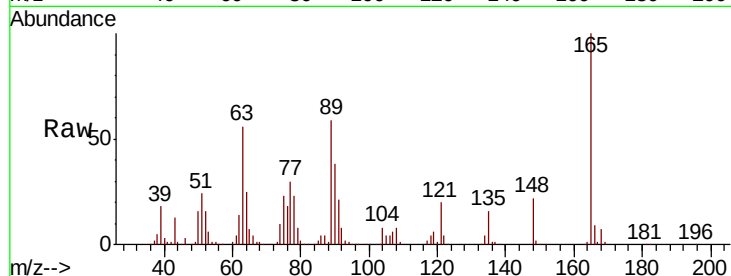




#51
 2,6-Dinitrotoluene
 Concen: 37.914 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

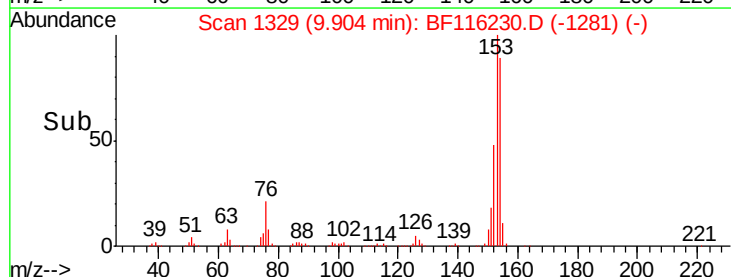
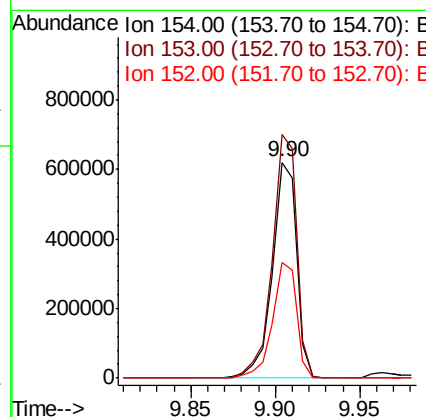
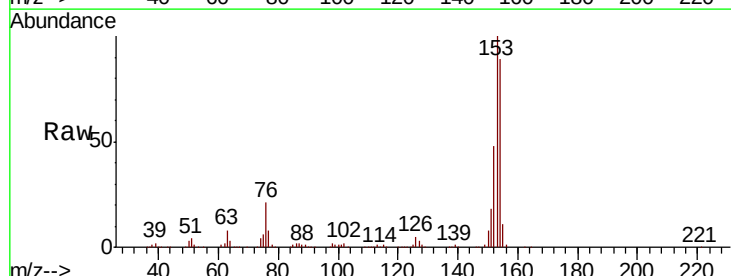
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

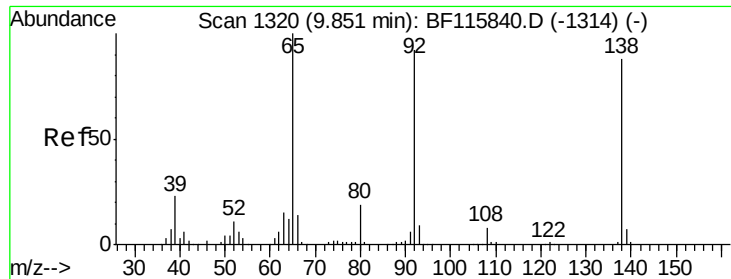
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	38.2	57.2
89	58.6	42.9	64.3



#52
 Acenaphthene
 Concen: 34.465 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.4	134.0
152	53.7	42.3	63.5

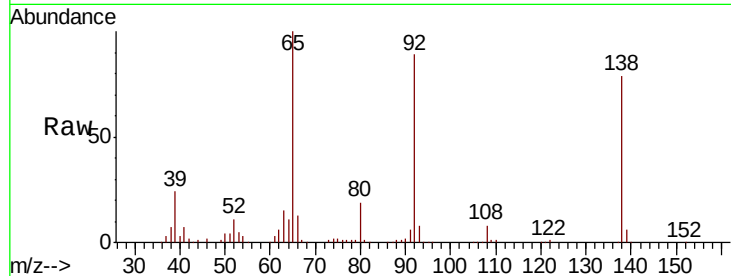




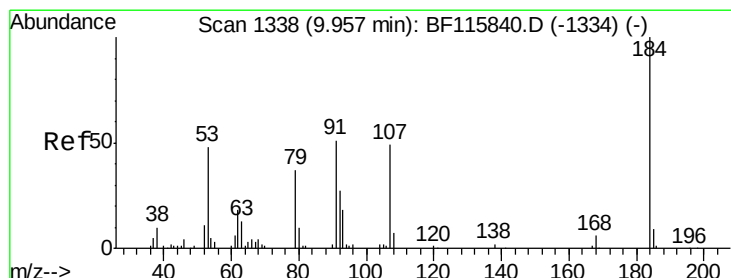
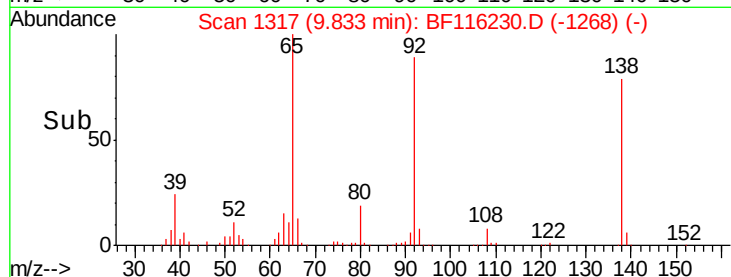
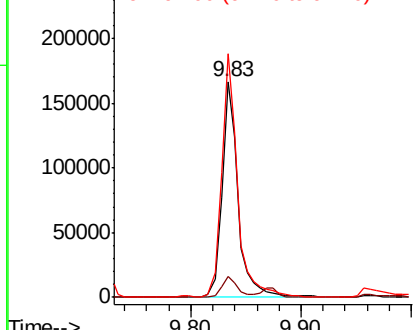
#53
3-Nitroaniline
Concen: 27.248 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tot Ion:138 Resp: 168179
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 112.8 91.0 136.6

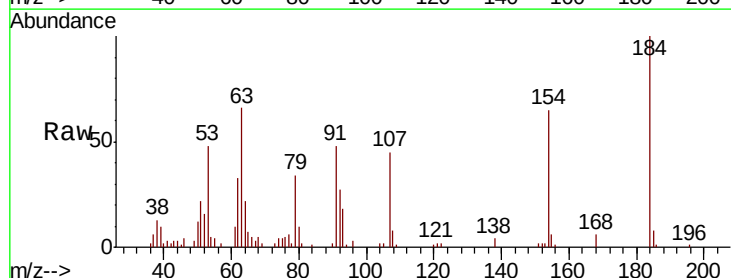


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

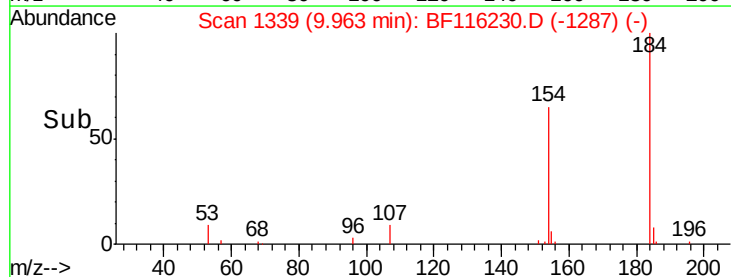
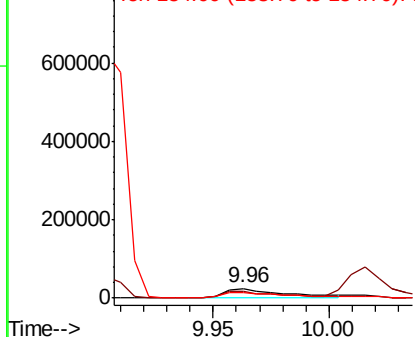


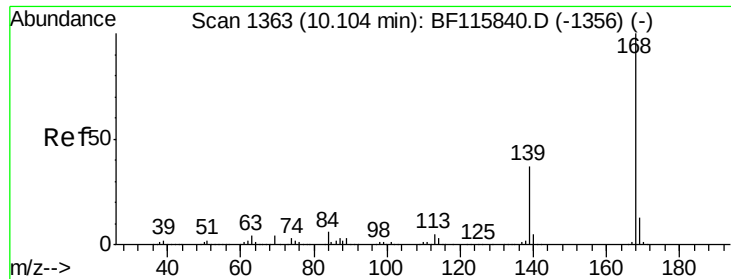
#54
2,4-Dinitrophenol
Concen: 23.110 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:184 Resp: 43070
Ion Ratio Lower Upper
184 100
63 66.2 53.0 79.4
154 64.9 50.1 75.1



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

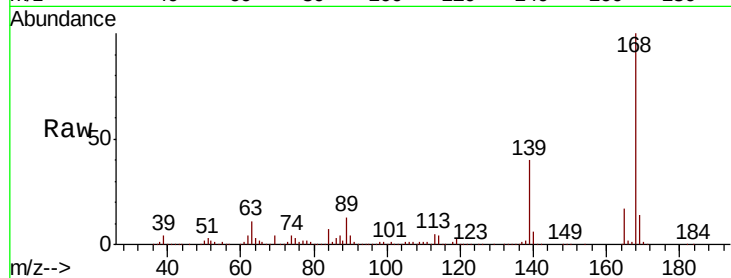




#55
Dibenzenofuran
Concen: 34.022 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.4	47.2
169	13.8	10.9	16.3

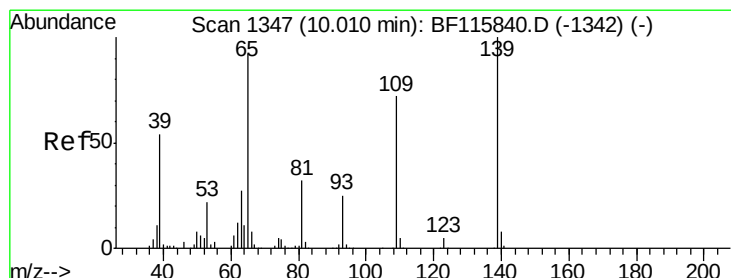
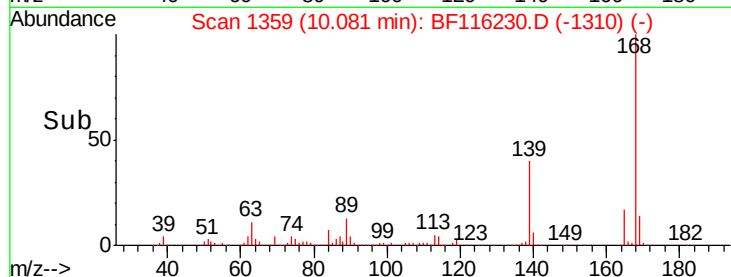
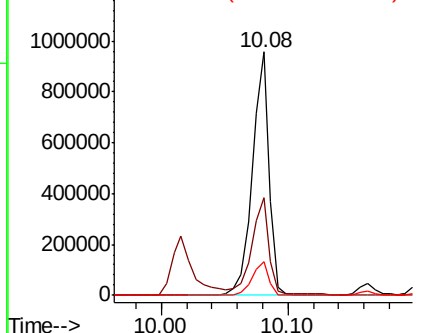


Abundance

Ion 168.00 (167.70 to 168.70): E

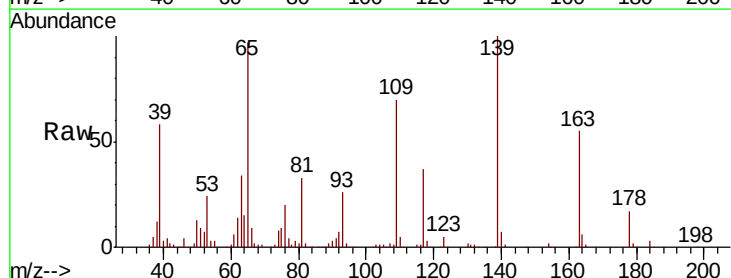
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 69.124 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	54.4	94.4
65	96.9	80.6	120.6

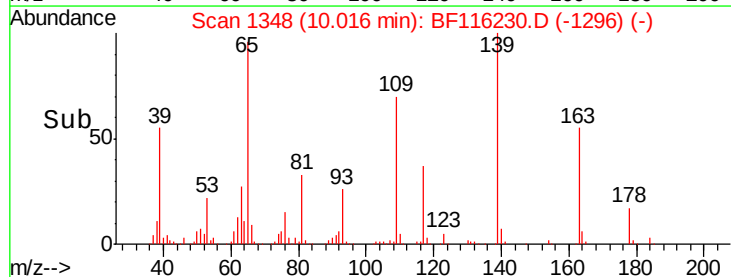
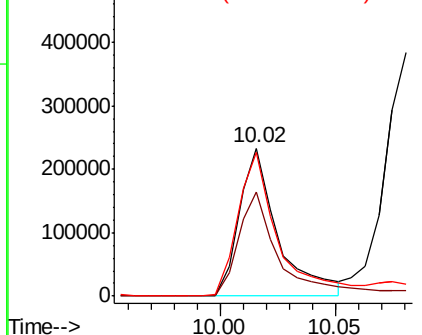


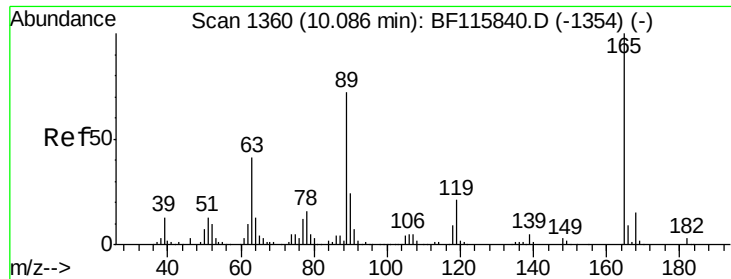
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

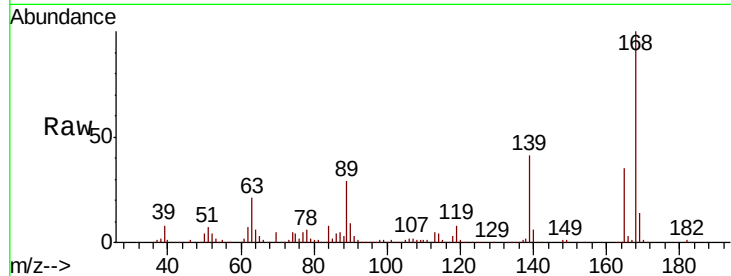




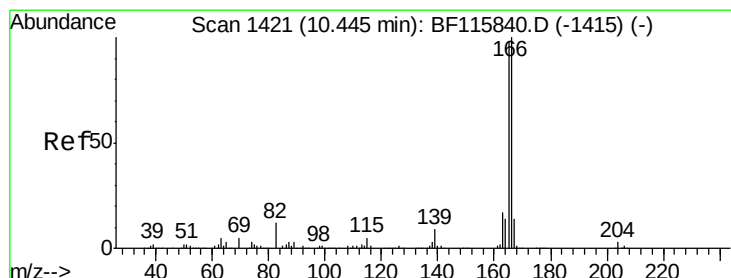
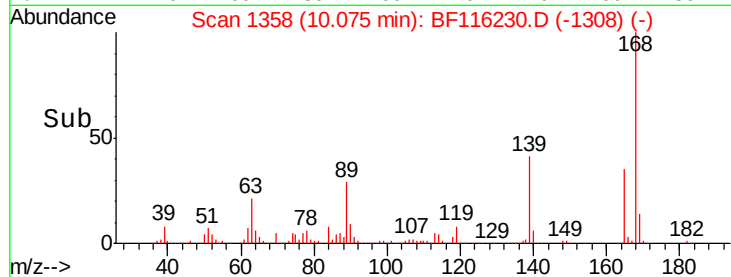
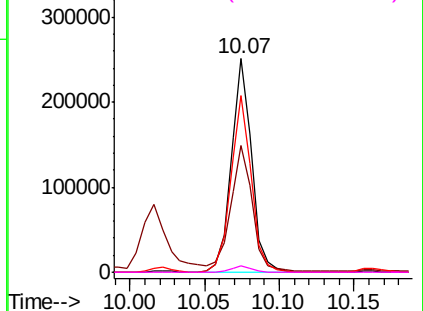
#57
 2,4-Dinitrotoluene
 Concen: 36.207 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Tot Ion:165	Resp:	240798
Ion Ratio	Lower	Upper
165	100	
63	59.4	39.6 59.4#
89	83.0	62.2 93.2
182	2.8	2.1 3.1

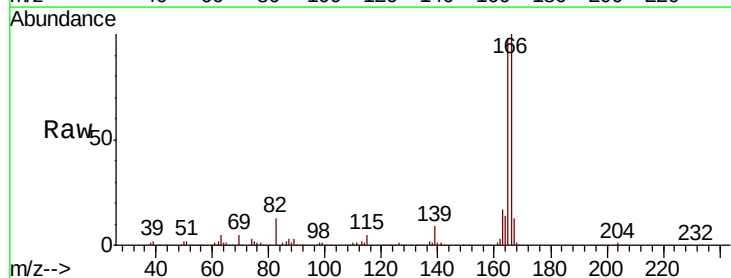


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

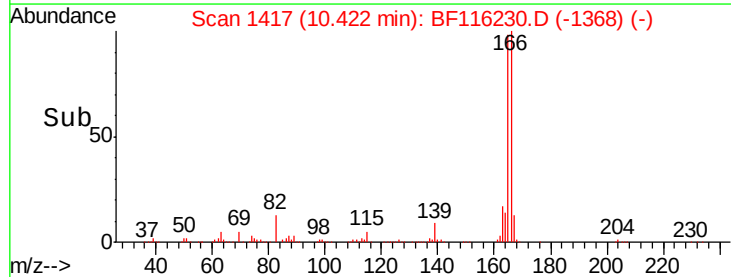
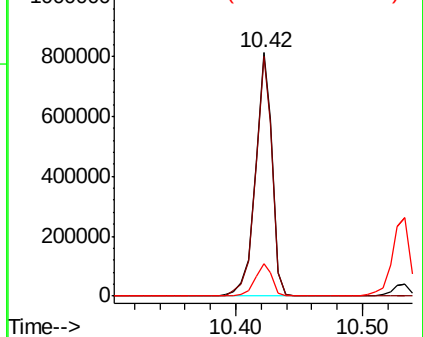


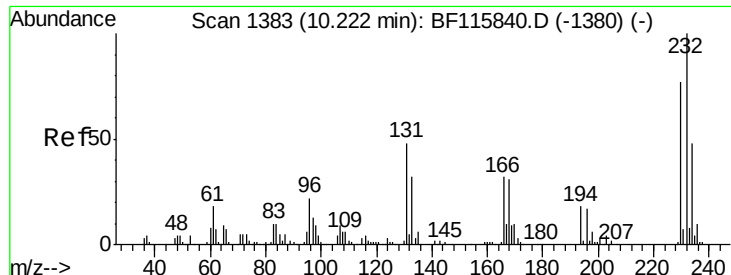
#58
 Fluorene
 Concen: 37.821 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion:166	Resp:	751293
Ion Ratio	Lower	Upper
166	100	
165	98.3	78.4 117.6
167	13.3	11.0 16.4



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

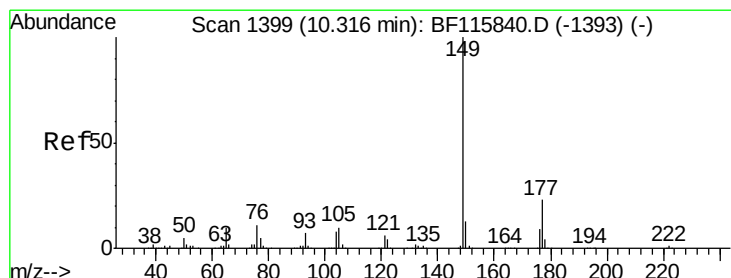
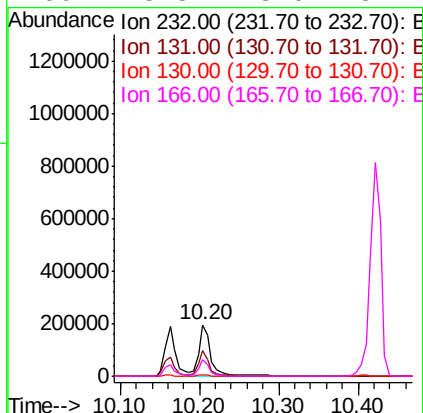
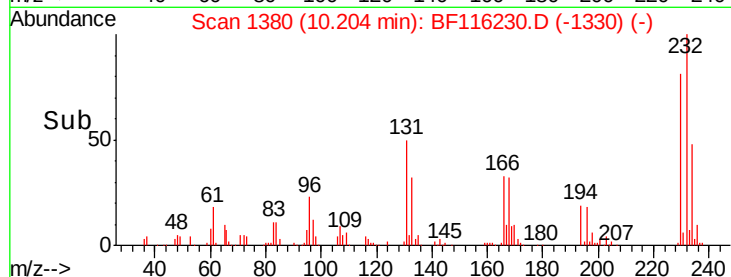
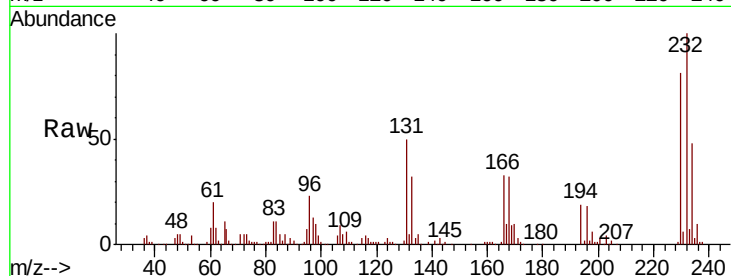




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.795 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

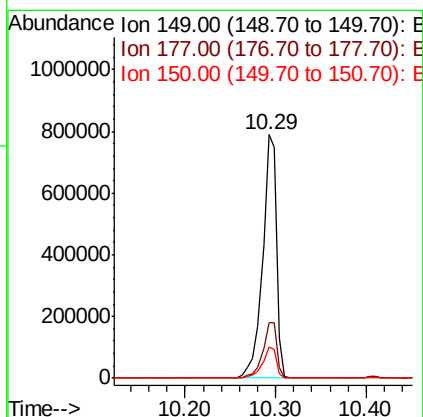
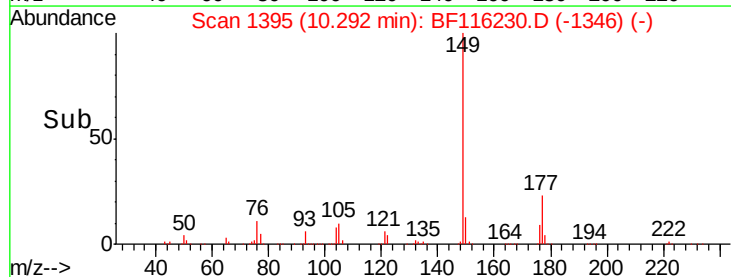
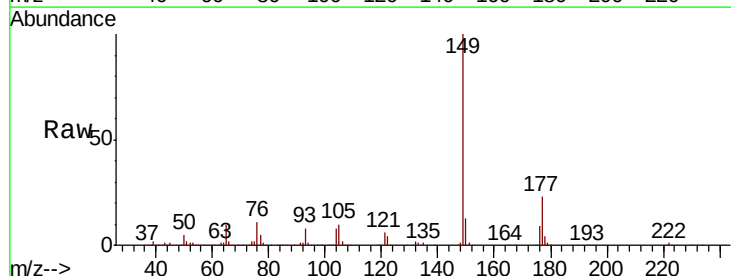
Instrument :
BNA_F
ClientSampleId :
TP-14MS

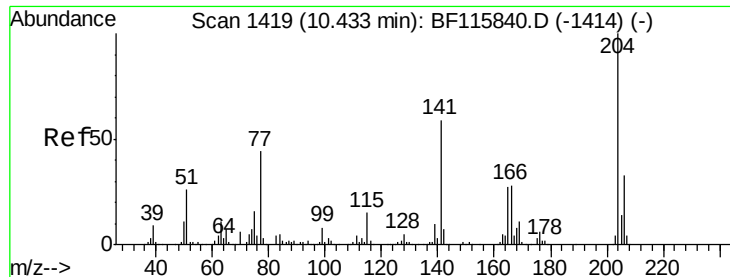
Tot Ion:232	Resp:	209586
Ion	Ratio	Lower Upper
232	100	
131	43.6	36.2 54.2
130	2.2	1.9 2.9
166	28.8	23.0 34.4



#60
Diethylphthalate
Concen: 39.489 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:149	Resp:	847432
Ion	Ratio	Lower Upper
149	100	
177	22.7	18.8 28.2
150	12.8	10.2 15.4

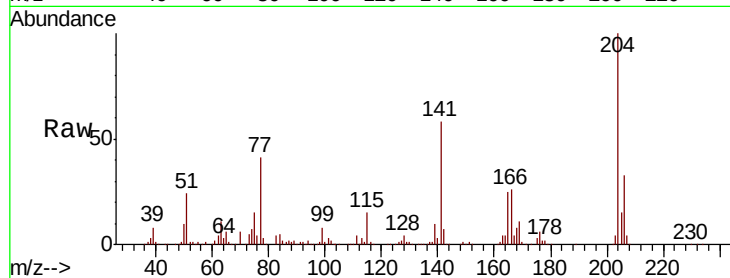




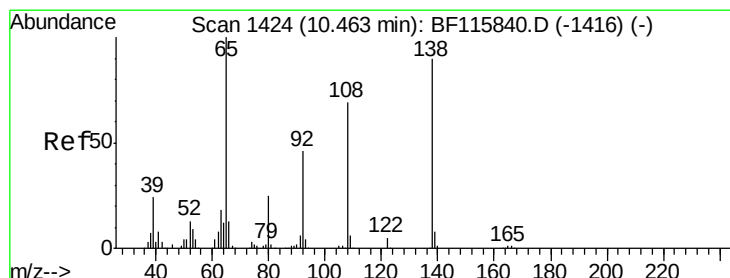
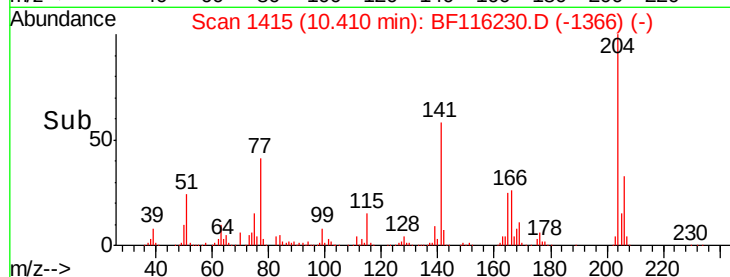
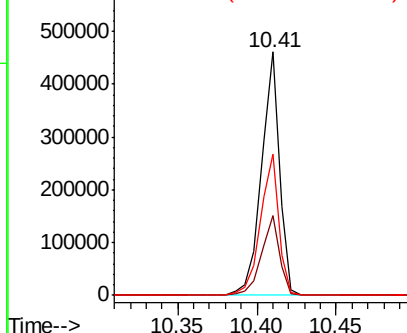
#61
4-Chlorophenyl-phenylether
Concen: 36.916 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tot Ion:204 Resp: 371389
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 58.1 46.4 69.6

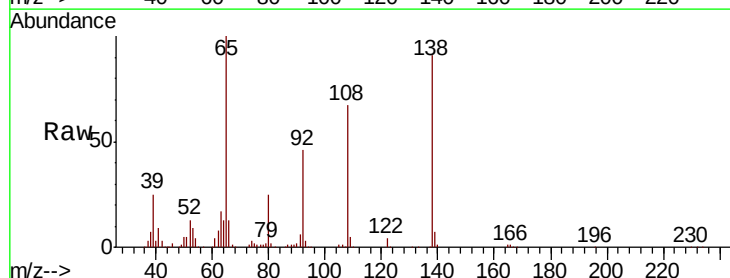


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

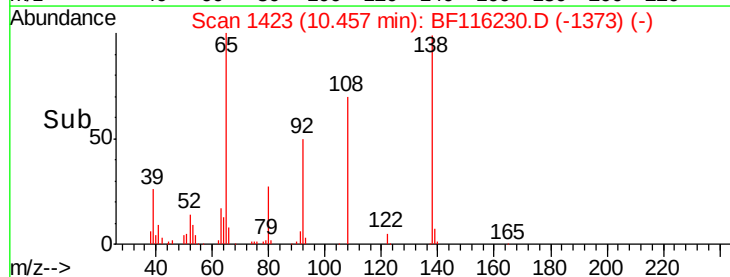
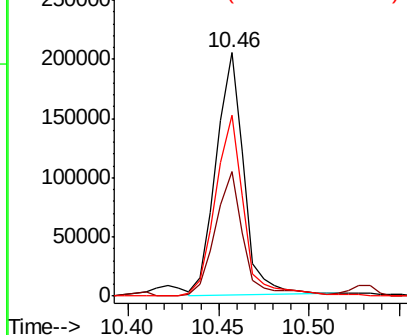


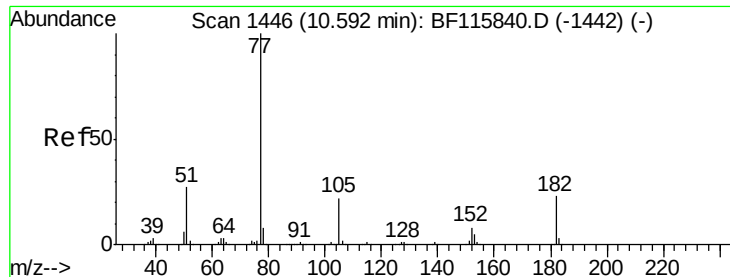
#62
4-Nitroaniline
Concen: 34.027 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:138 Resp: 217044
Ion Ratio Lower Upper
138 100
92 51.1 29.0 69.0
108 74.5 54.7 94.7



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





#63

Azobenzene

Concen: 37.874 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

Tot Ion: 77 Resp: 835996

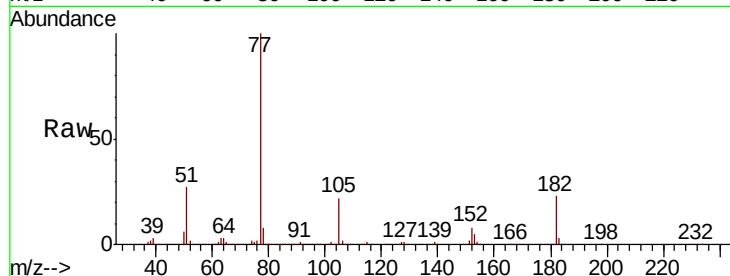
Ion Ratio Lower Upper

77 100

182 22.9 4.0 44.0

105 21.8 2.0 42.0

51 26.7 7.5 47.5

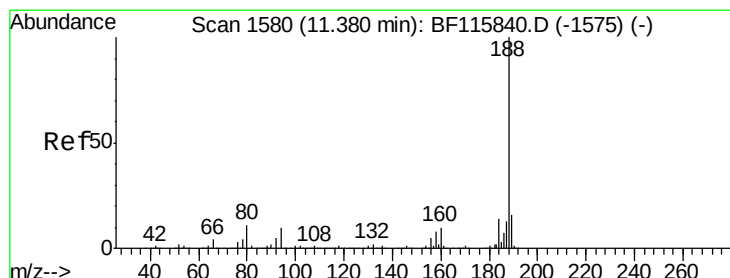
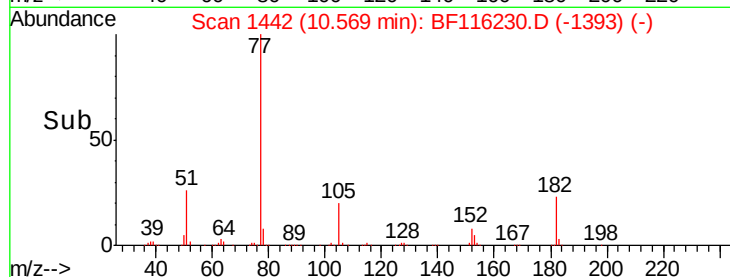
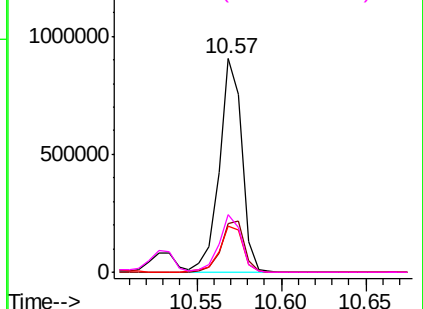


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

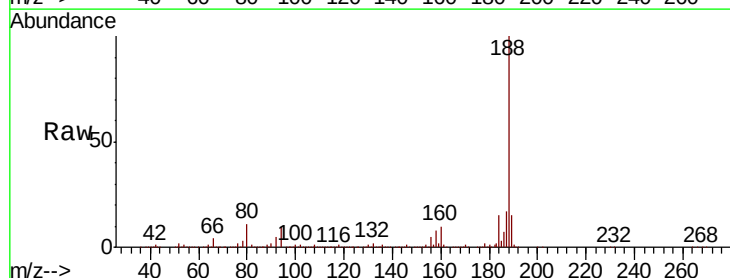
Tgt Ion: 188 Resp: 653541

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

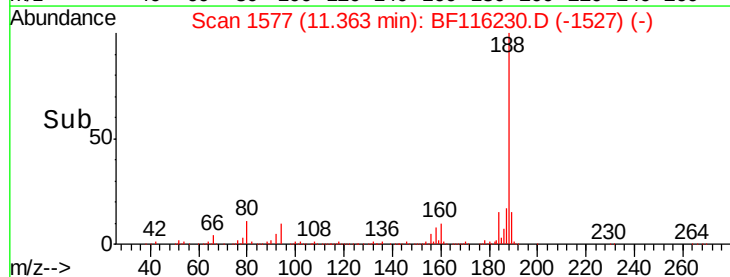
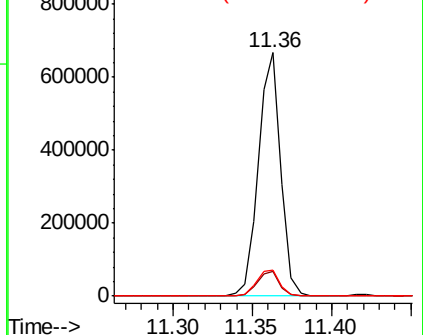
80 10.9 8.7 13.1

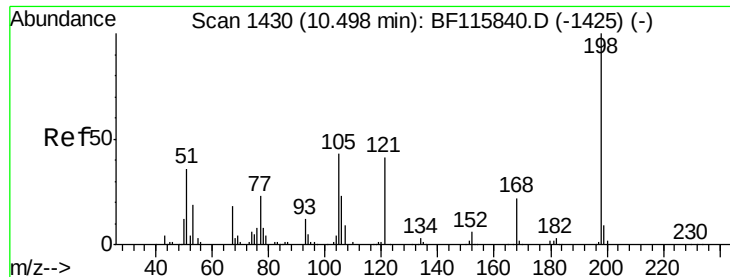


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 32.098 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

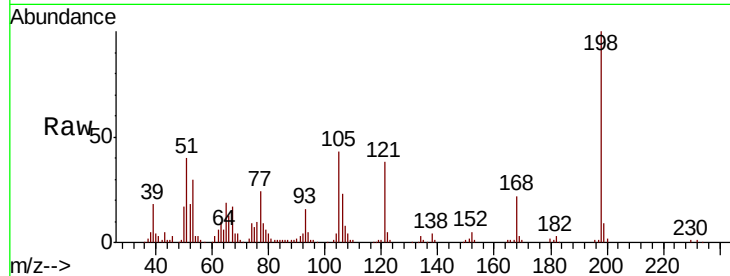
Tot Ion:198 Resp: 111167

Ion Ratio Lower Upper

198 100

51 39.9 17.0 57.0

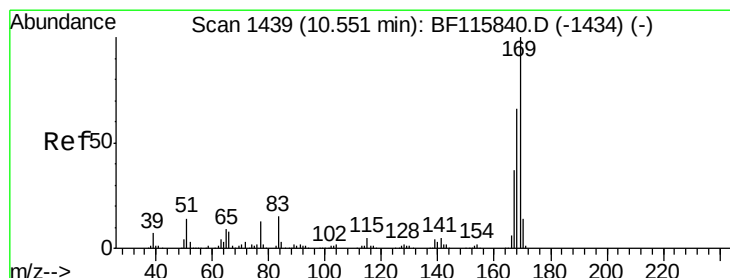
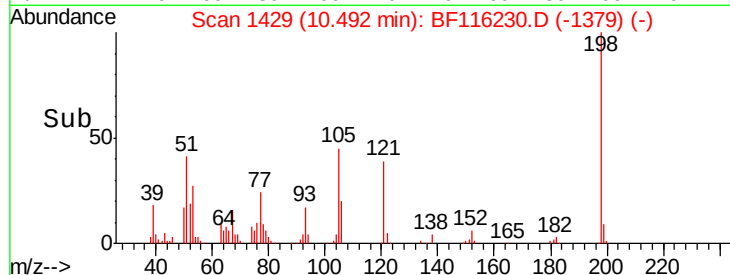
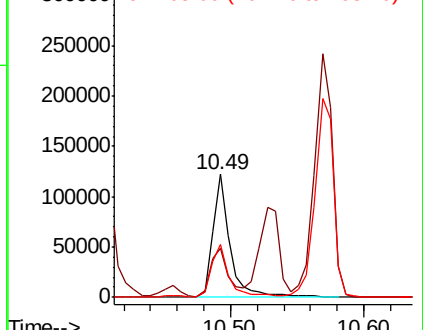
105 42.9 21.6 61.6



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: 35.268 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

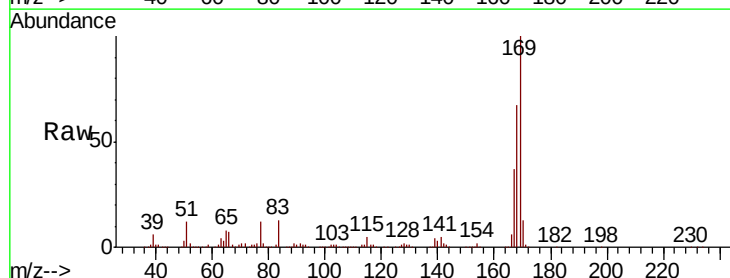
Tgt Ion:169 Resp: 693746

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

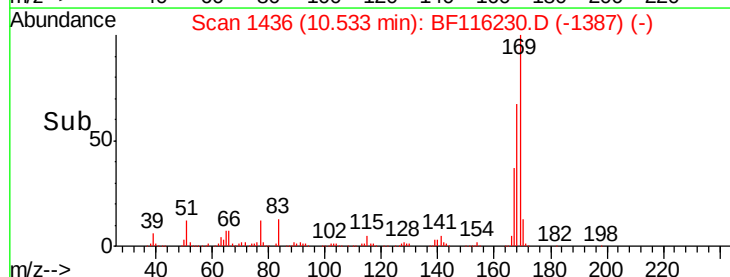
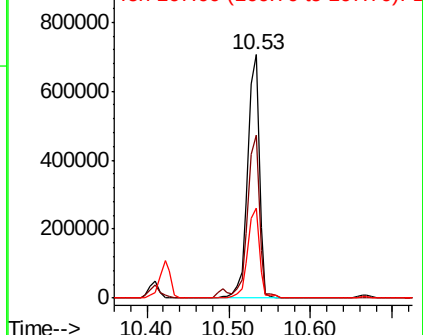
167 36.9 29.6 44.4

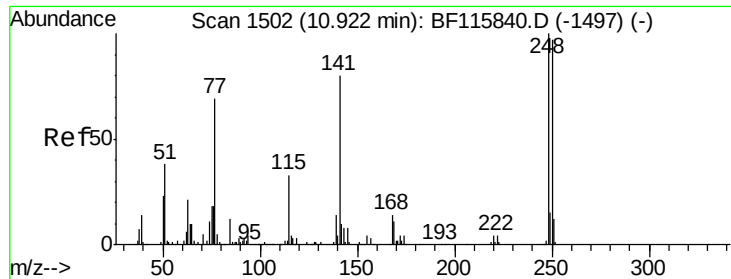


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

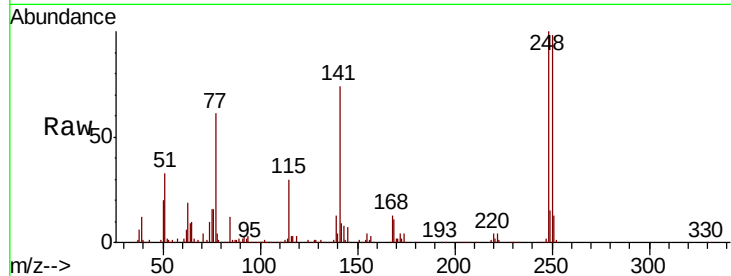




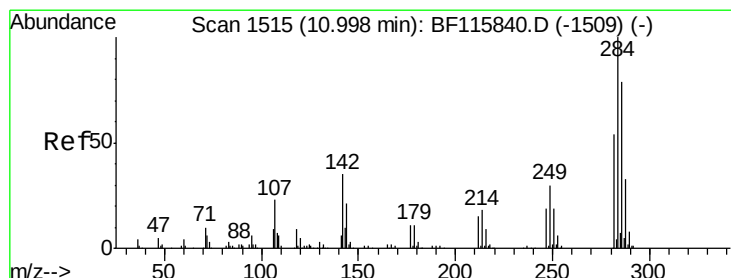
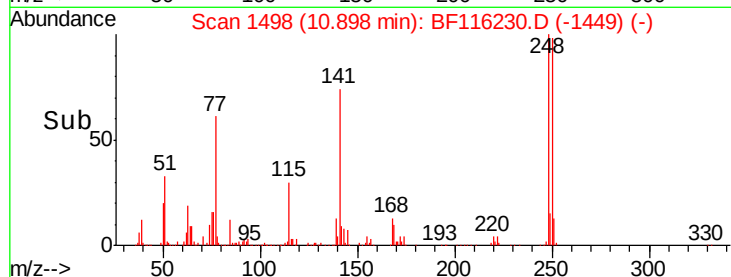
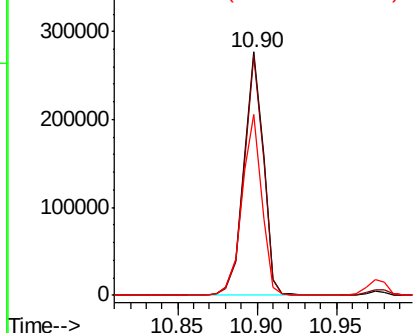
#67
 4-Bromophenyl-phenylether
 Concen: 33.834 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Tot Ion:248	Resp:	236710
Ion	Ratio	Lower Upper
248	100	
250	98.4	77.4 116.2
141	74.4	56.8 85.2

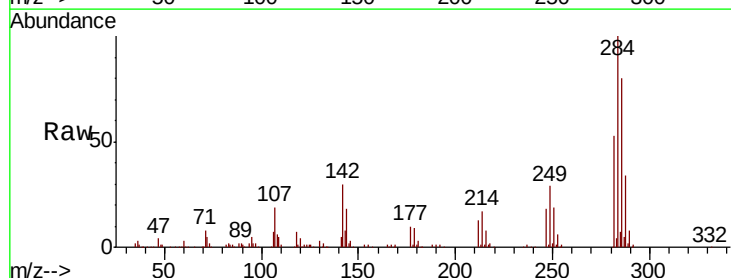


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

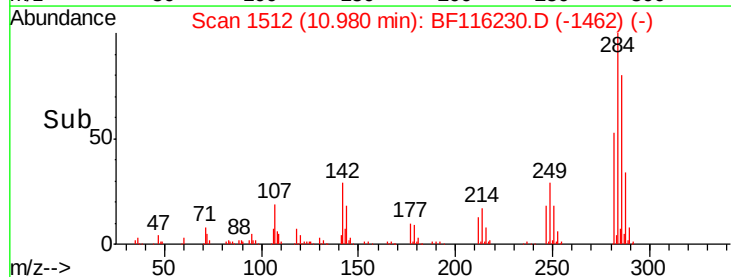
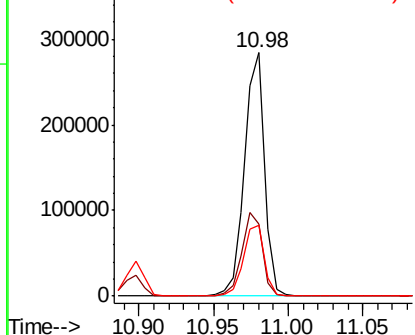


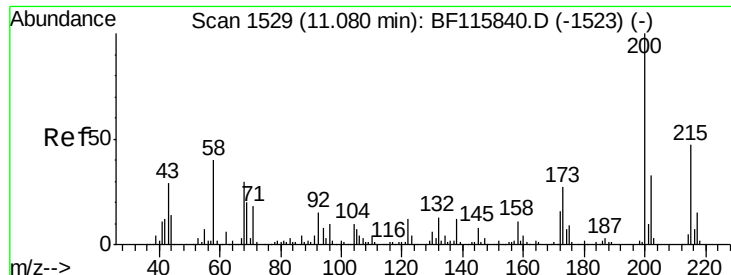
#68
 Hexachlorobenzene
 Concen: 32.670 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion:284	Resp:	264295
Ion	Ratio	Lower Upper
284	100	
142	29.7	28.4 42.6
249	29.1	24.5 36.7



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

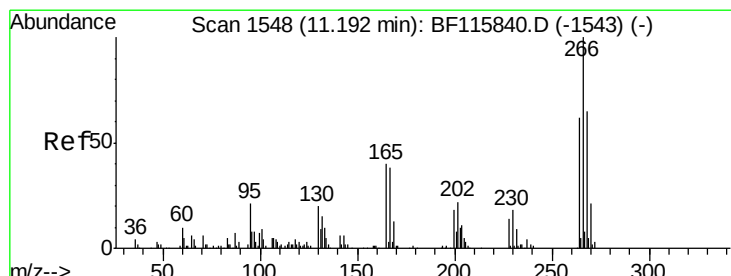
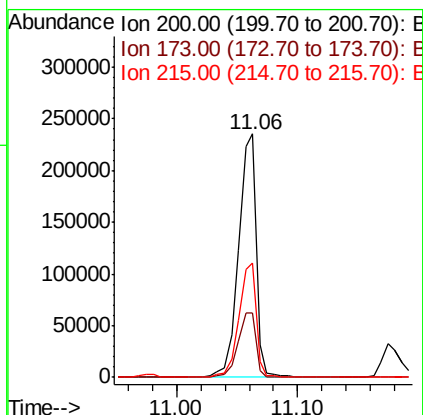
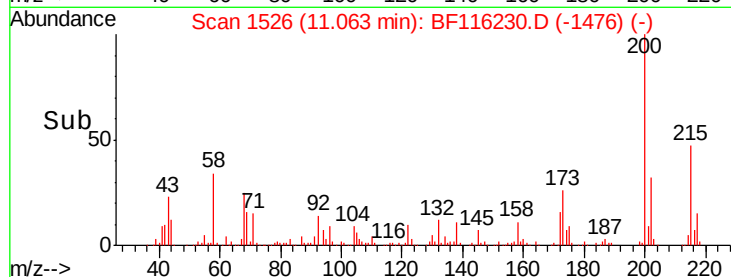
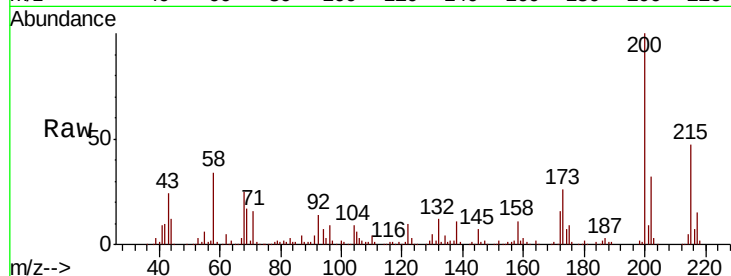




#69
 Atrazine
 Concen: 37.295 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

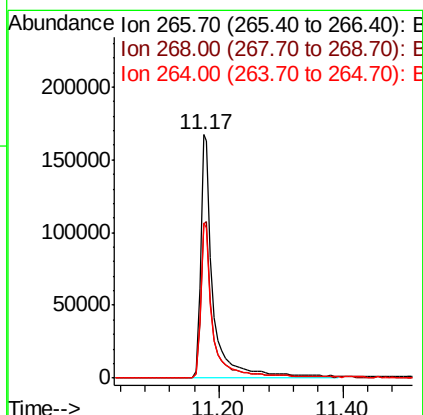
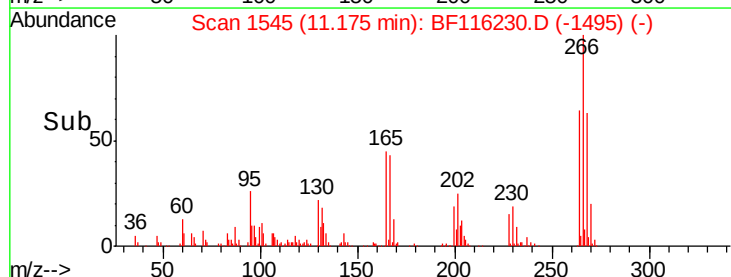
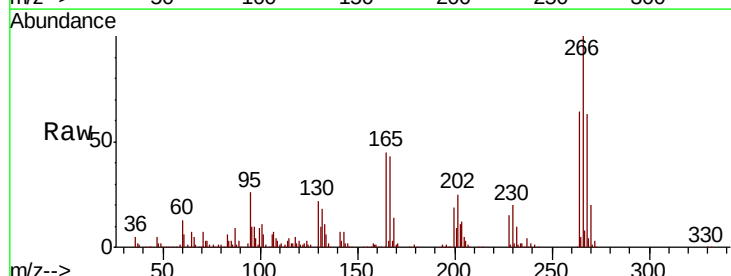
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

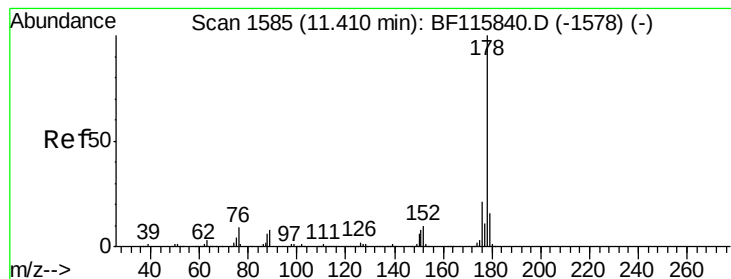
Tot Ion:200 Resp: 241350
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.8 46.8
 215 47.0 27.5 67.5



#70
 Pentachlorophenol
 Concen: 62.351 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion:266 Resp: 244893
 Ion Ratio Lower Upper
 266 100
 268 63.1 48.8 73.2
 264 63.7 50.6 76.0





#71

Phenanthrene

Concen: 34.940 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

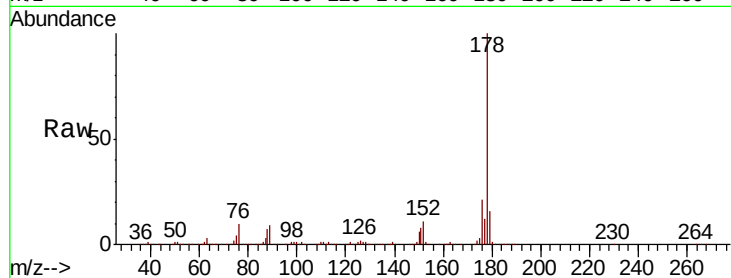
Tot Ion:178 Resp: 1167350

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

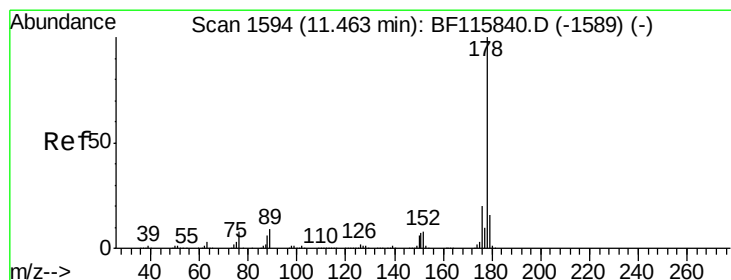
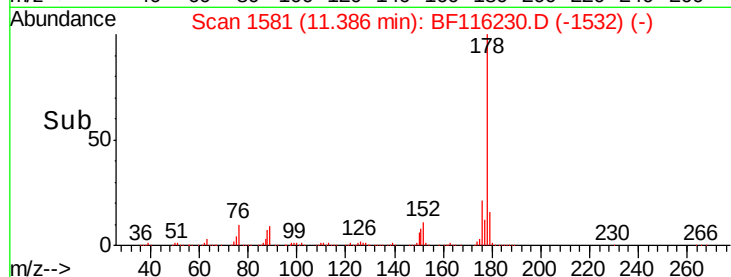
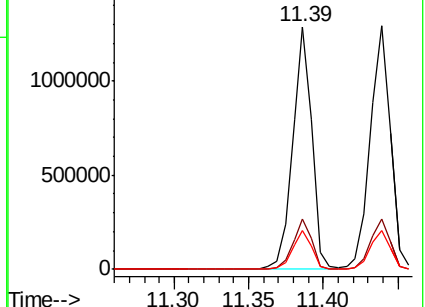
179 15.8 12.5 18.7



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: 36.016 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

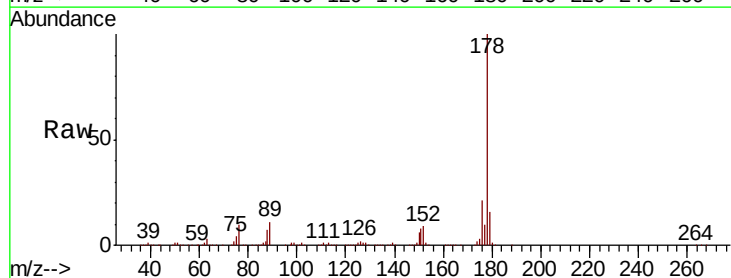
Tgt Ion:178 Resp: 1217787

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

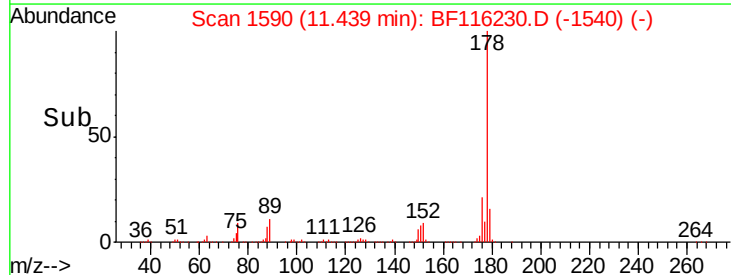
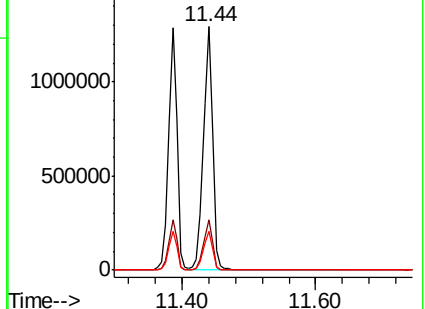
179 16.1 13.0 19.6

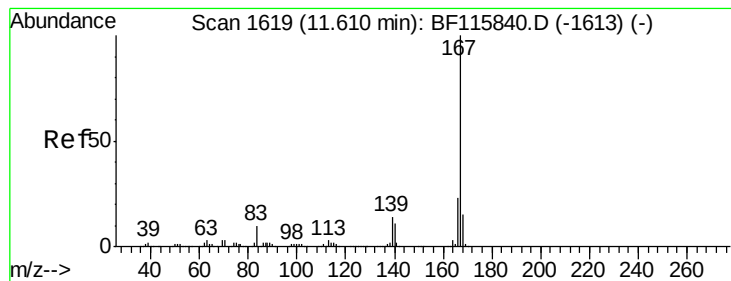


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.863 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

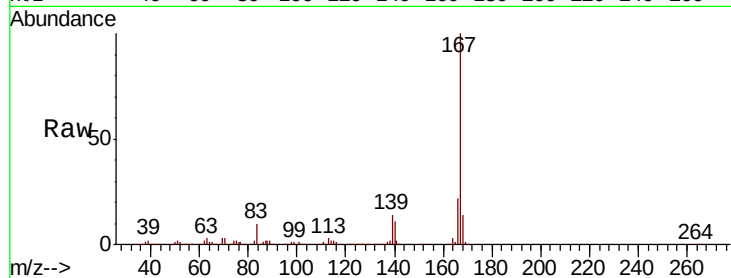
Tot Ion:167 Resp: 1161515

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

139 14.2 11.4 17.0

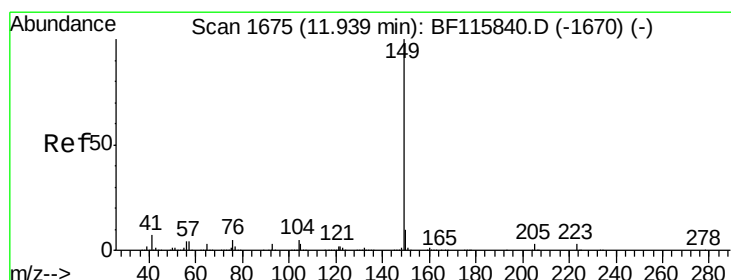
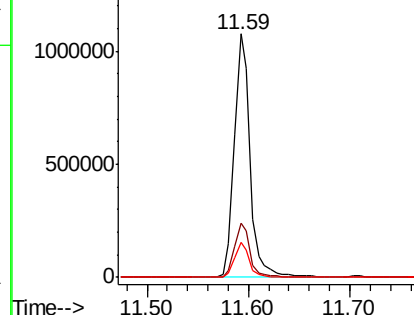
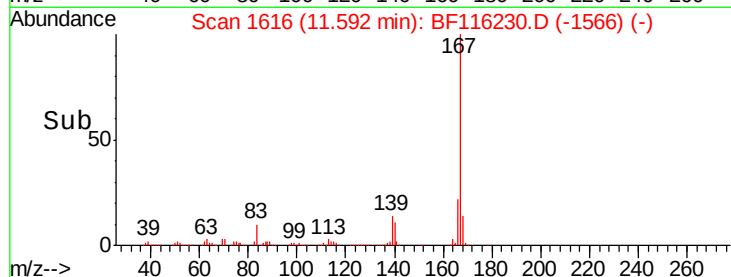


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.438 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

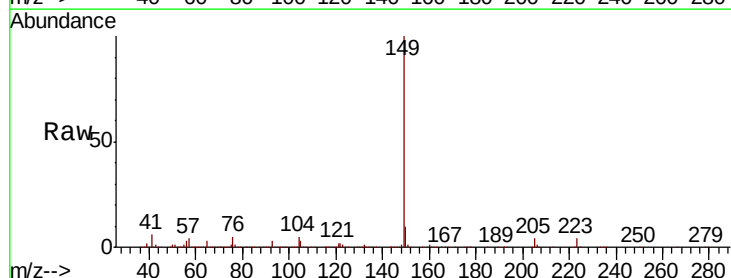
Tgt Ion:149 Resp: 1411304

Ion Ratio Lower Upper

149 100

150 9.6 8.0 12.0

104 5.1 4.5 6.7

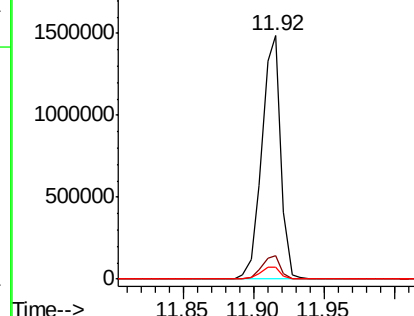
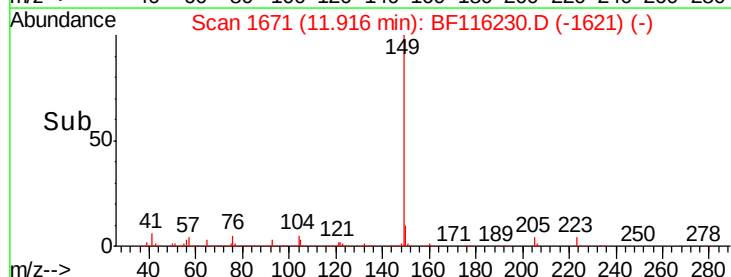


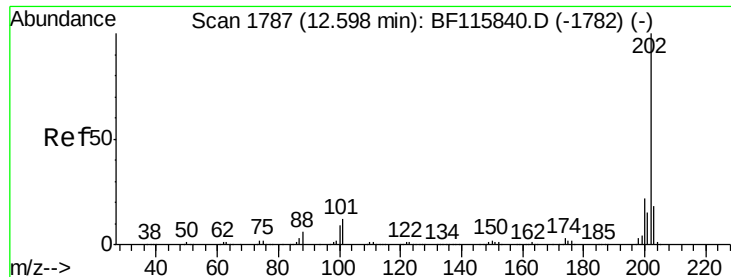
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.398 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

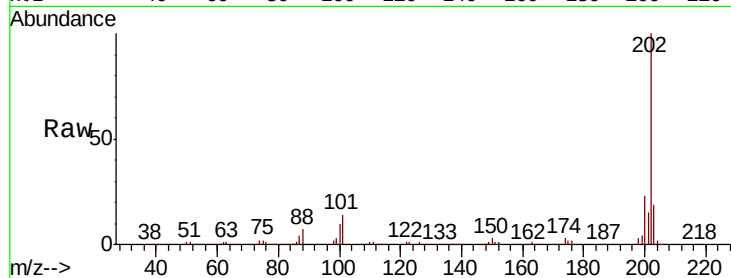
Tot Ion:202 Resp: 1308068

Ion Ratio Lower Upper

202 100

101 13.6 0.0 31.2

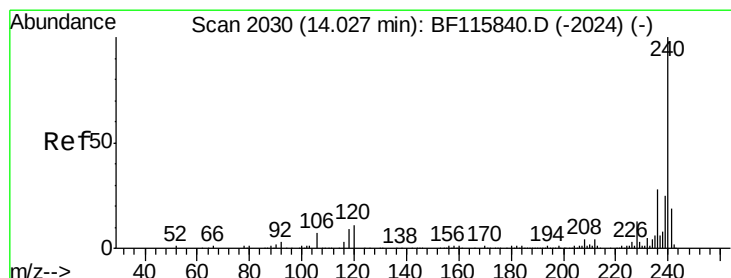
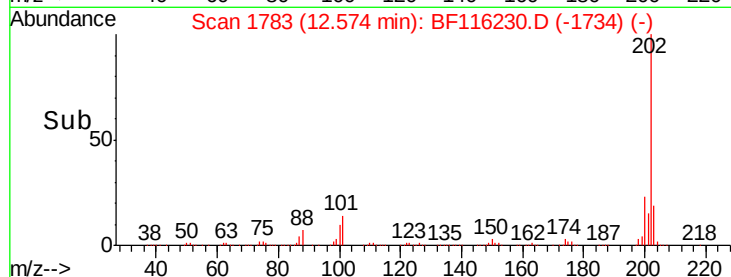
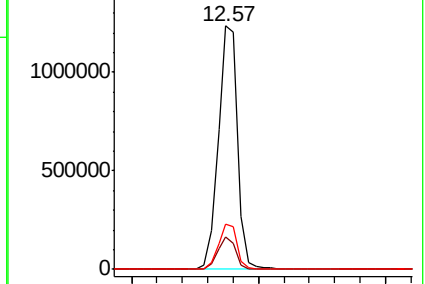
203 18.7 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

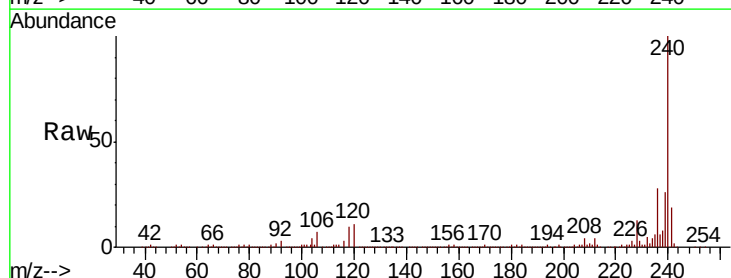
Tgt Ion:240 Resp: 503859

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

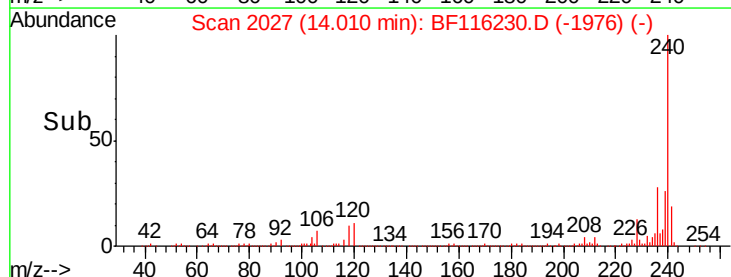
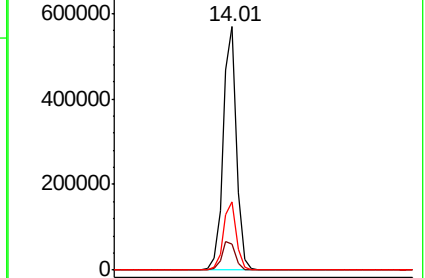
236 28.2 22.2 33.2

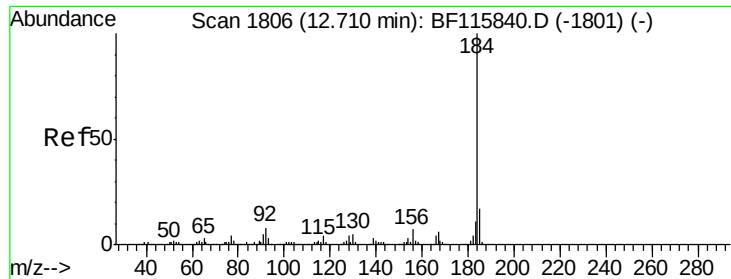


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.317 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

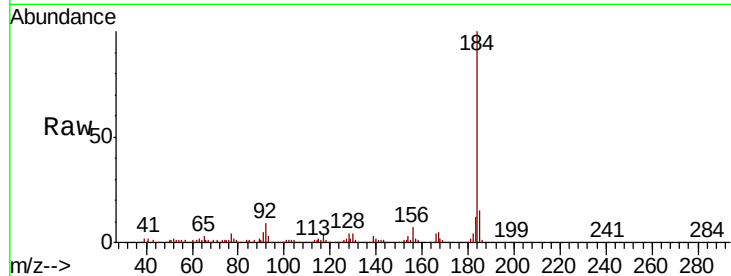
Tot Ion:184 Resp: 601175

Ion Ratio Lower Upper

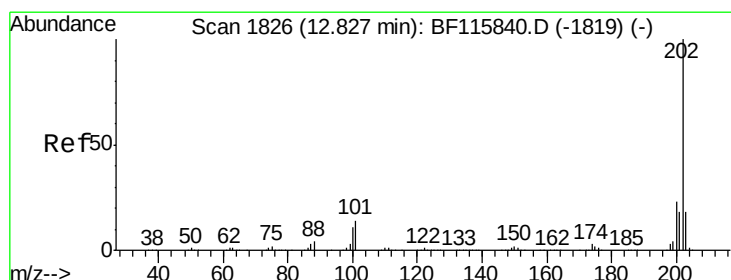
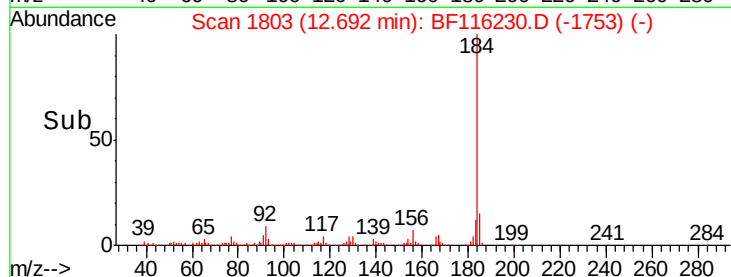
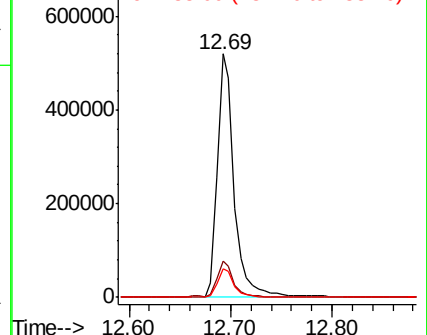
184 100

185 14.9 12.8 19.2

183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.132 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

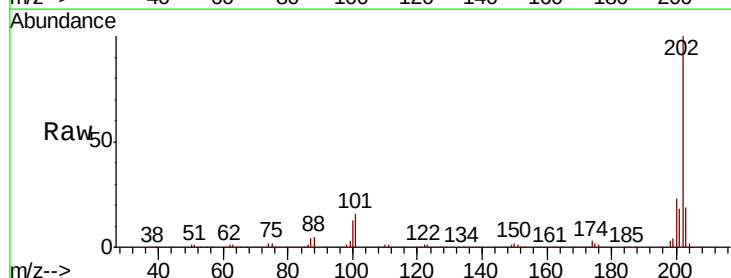
Tgt Ion:202 Resp: 1334353

Ion Ratio Lower Upper

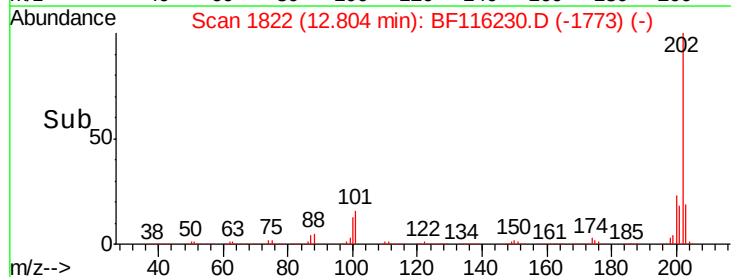
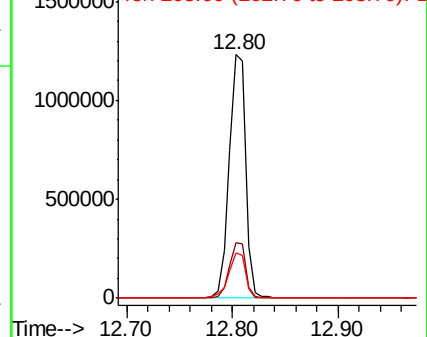
202 100

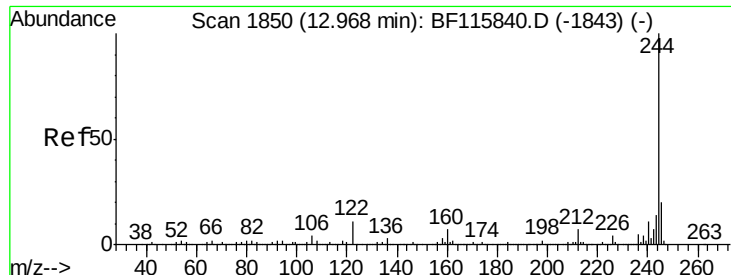
200 23.0 18.0 27.0

203 18.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



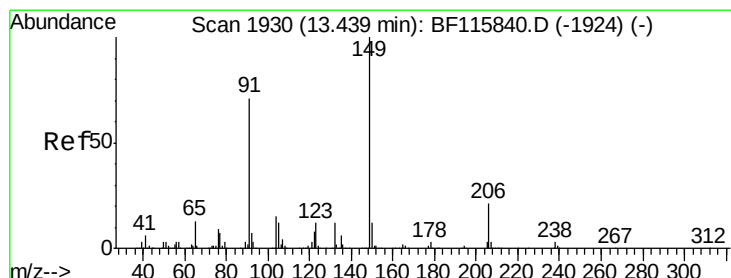
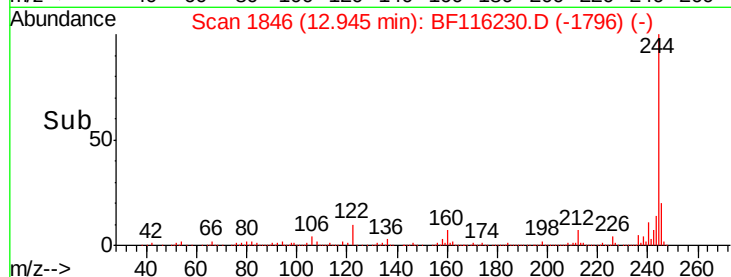
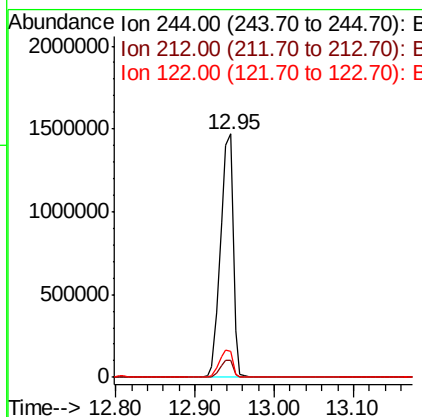
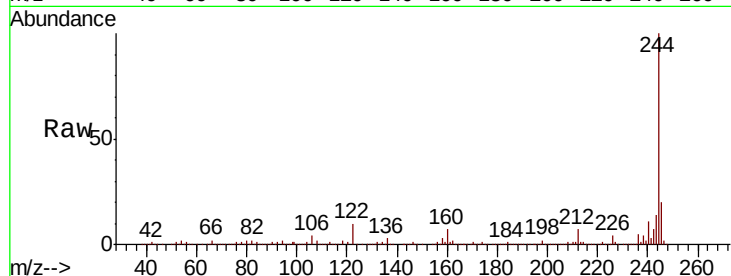


#79
 Terphenyl-d14
 Concen: 68.202 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Tot Ion:244 Resp: 1630819

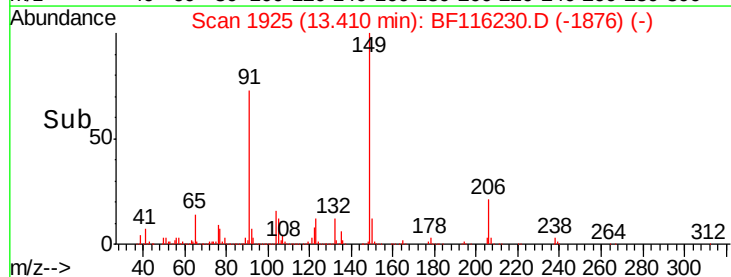
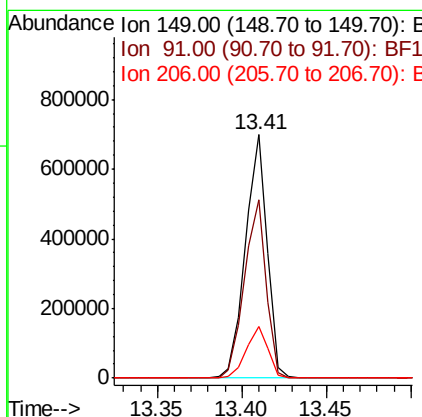
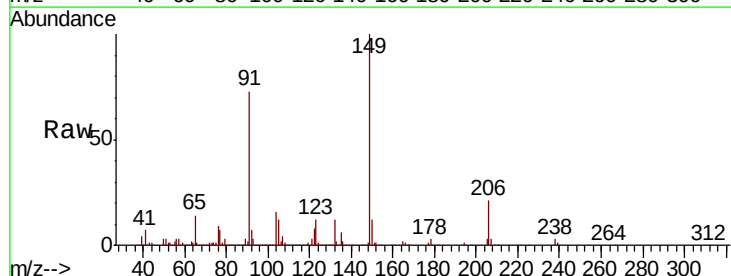
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.4	9.0	13.4

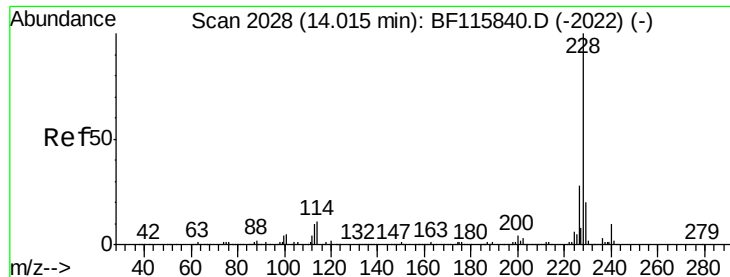


#80
 Butylbenzylphthalate
 Concen: 39.172 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion:149 Resp: 629358

Ion	Ratio	Lower	Upper
149	100		
91	73.0	56.3	84.5
206	21.4	18.0	27.0





#81

Benzo(a)anthracene

Concen: 35.823 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

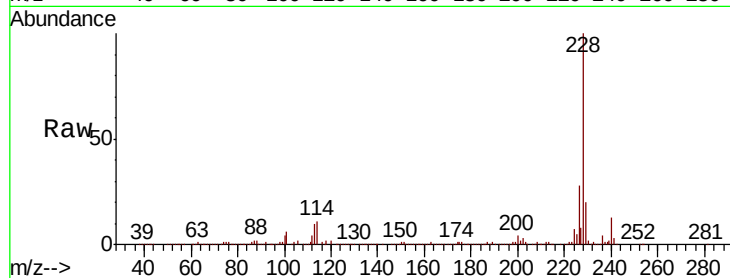
Tot Ion:228 Resp: 1153681

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

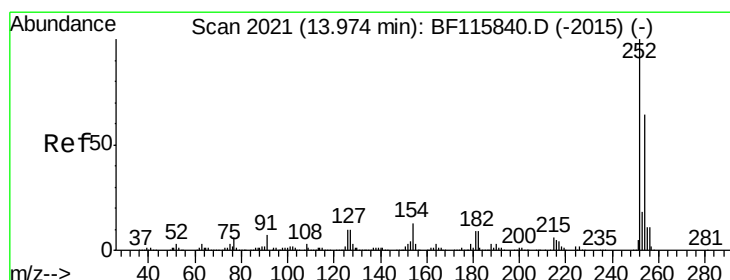
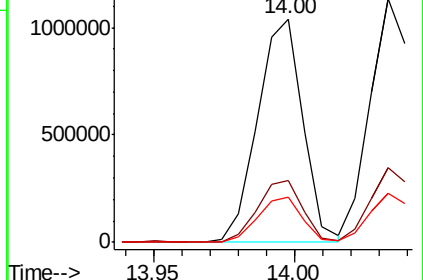
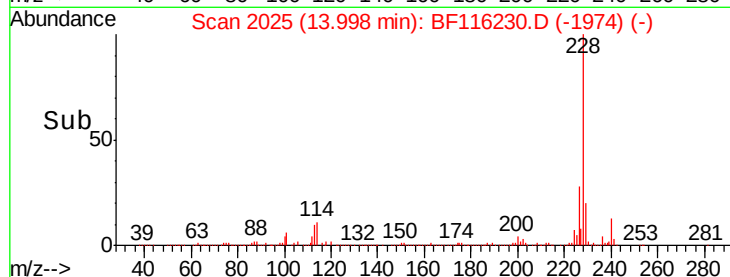
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.057 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

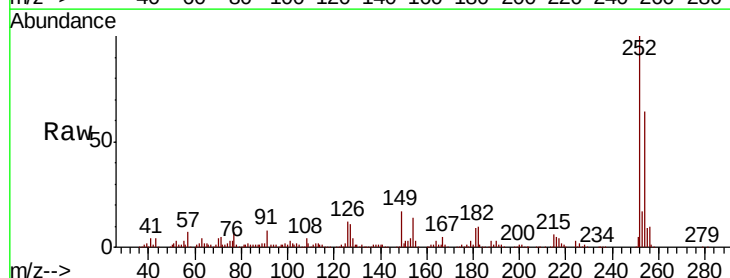
Tgt Ion:252 Resp: 291541

Ion Ratio Lower Upper

252 100

254 63.7 50.9 76.3

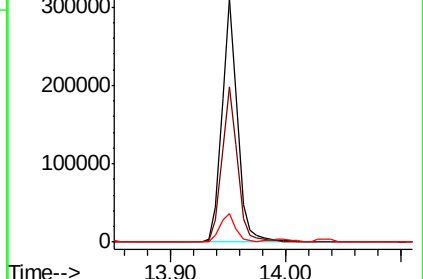
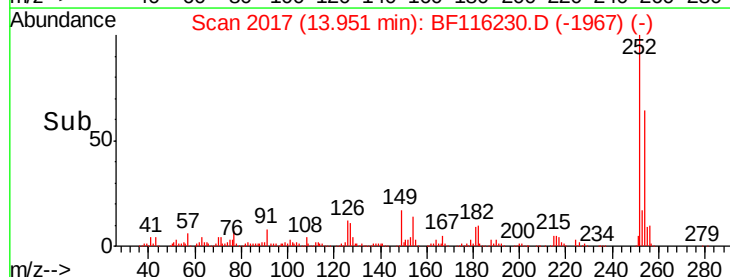
126 11.9 9.8 14.8

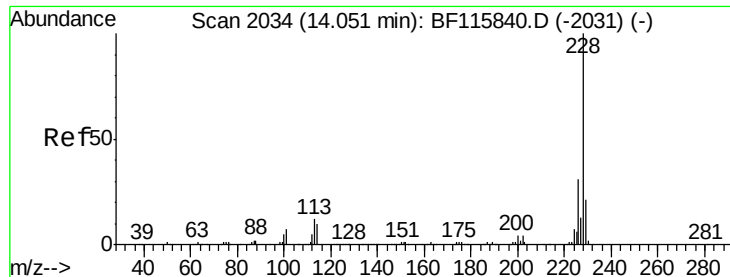


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

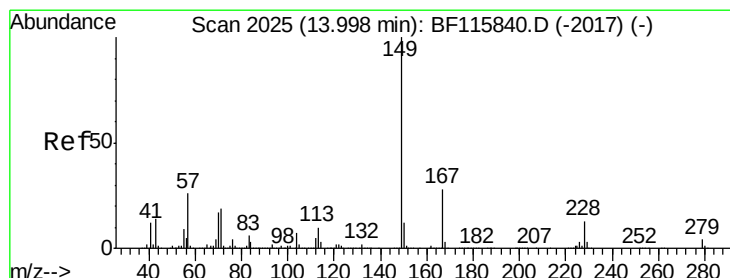
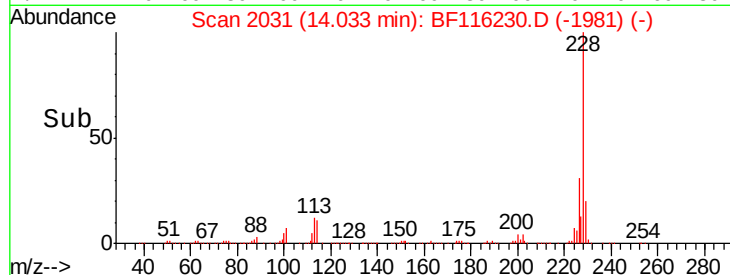
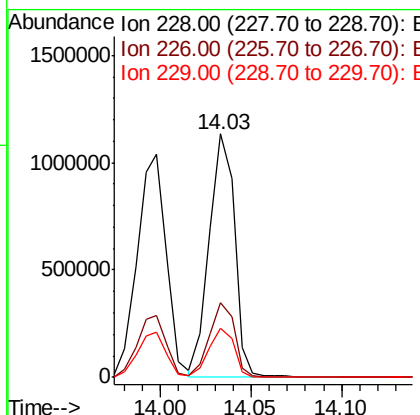
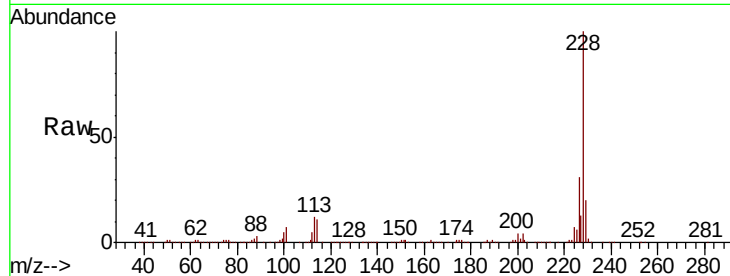




#83
 Chrysene
 Concen: 35.345 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

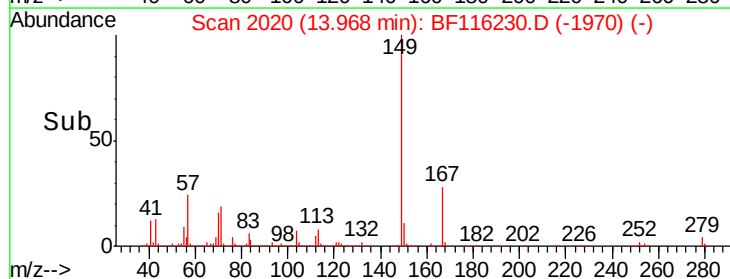
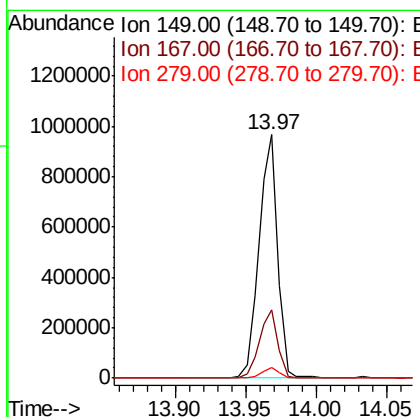
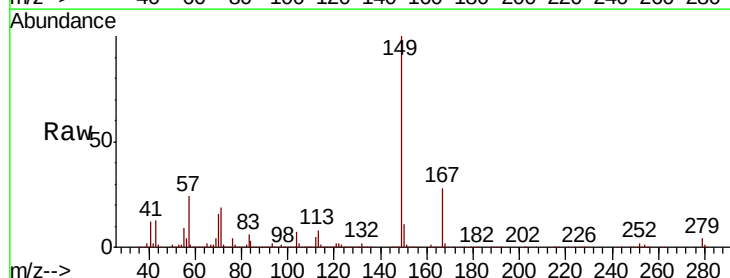
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

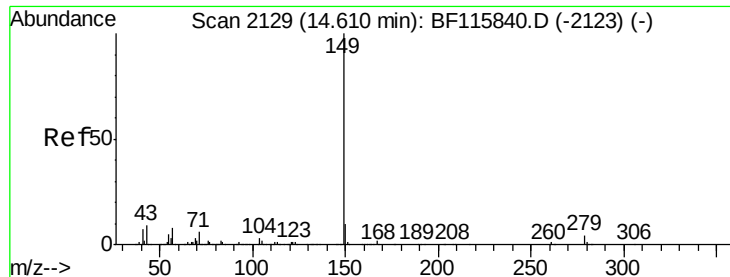
Tot Ion:228 Resp: 1105093
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.5 38.3
 229 20.1 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.298 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116230.D
 Acq: 13 Aug 2019 14:33

Tgt Ion:149 Resp: 903975
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.6 32.4
 279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.212 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

Instrument :

BNA_F

ClientSampleId :

TP-14MS

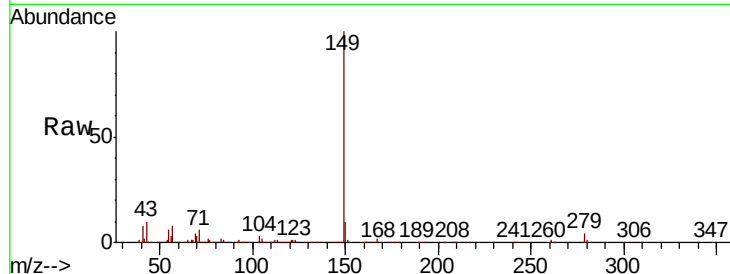
Tot Ion:149 Resp: 1466158

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

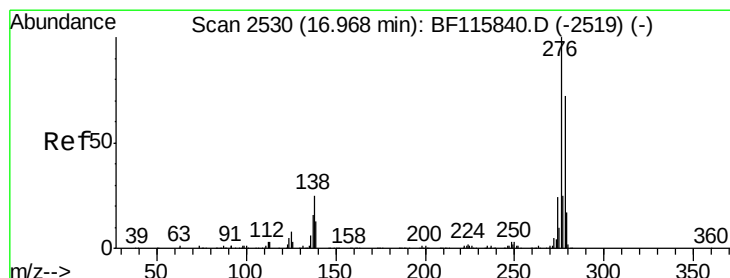
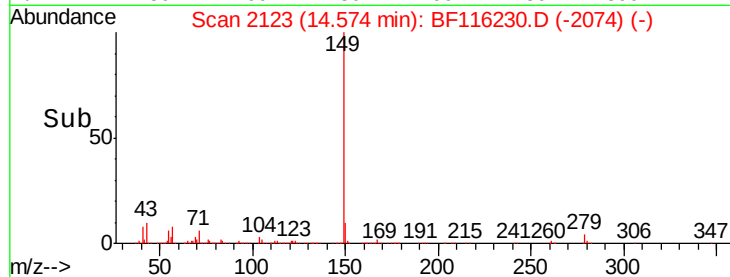
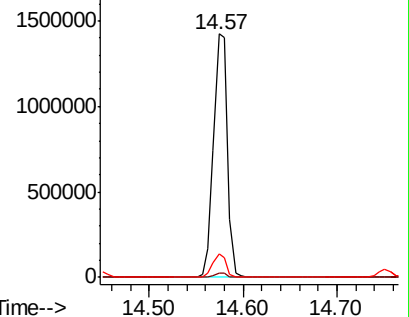
43 9.0 7.5 11.3



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: 36.520 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF116230.D

Acq: 13 Aug 2019 14:33

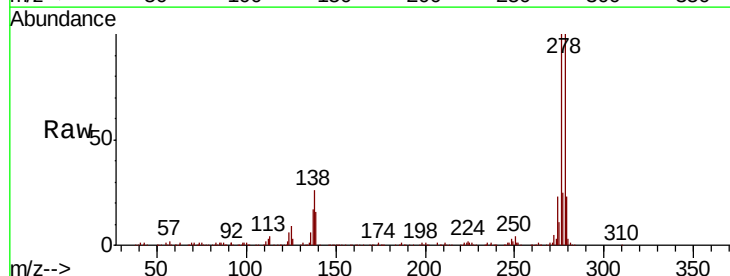
Tgt Ion:276 Resp: 959017

Ion Ratio Lower Upper

276 100

138 26.1 20.4 30.6

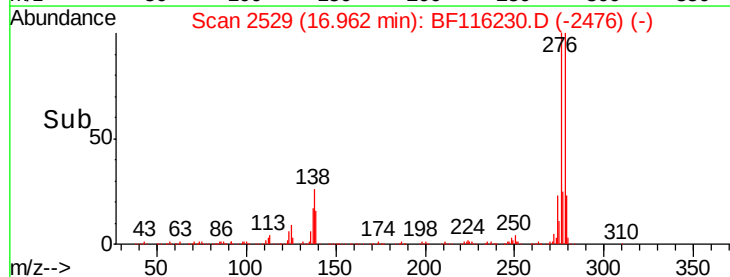
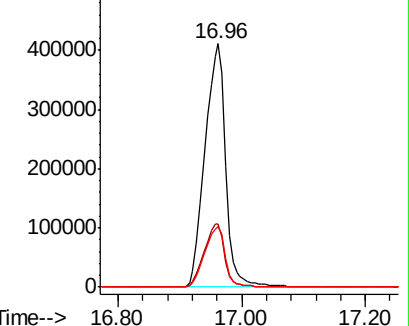
277 25.0 20.0 30.0

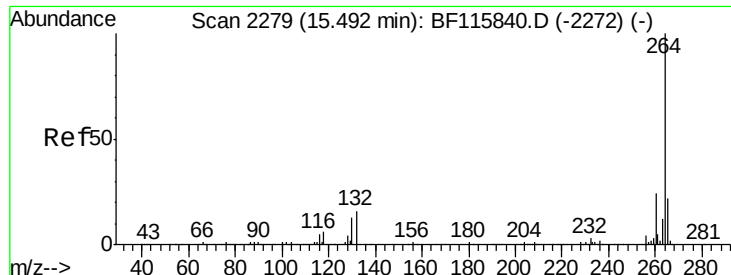


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



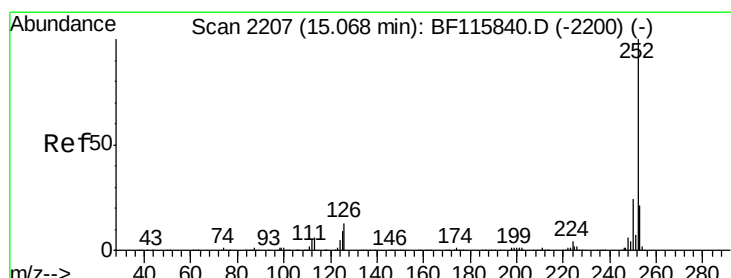
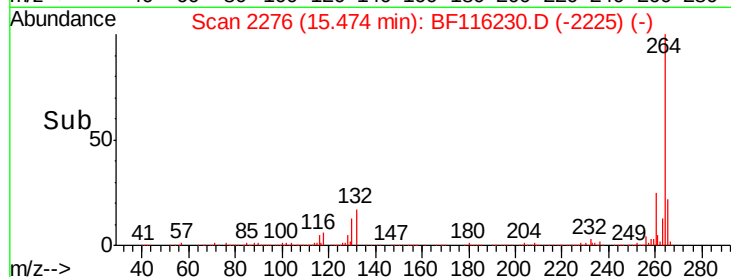
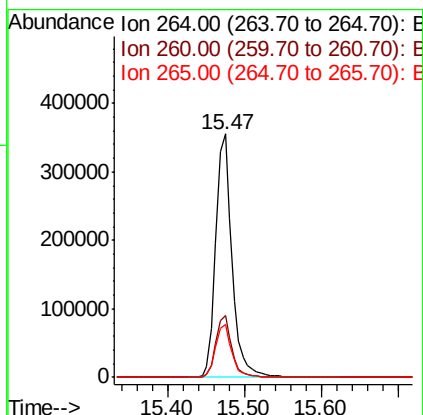
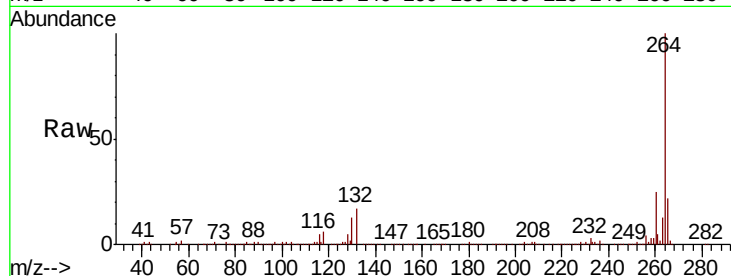


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tot Ion:264 Resp: 513283

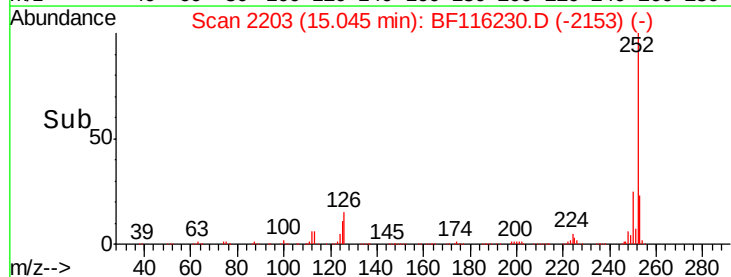
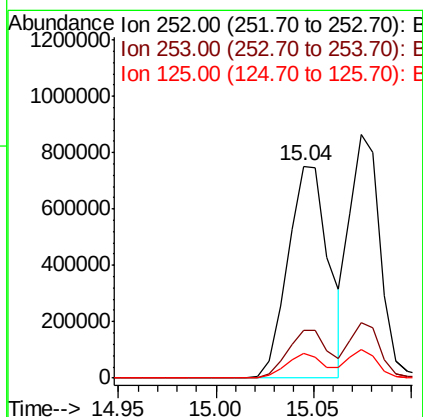
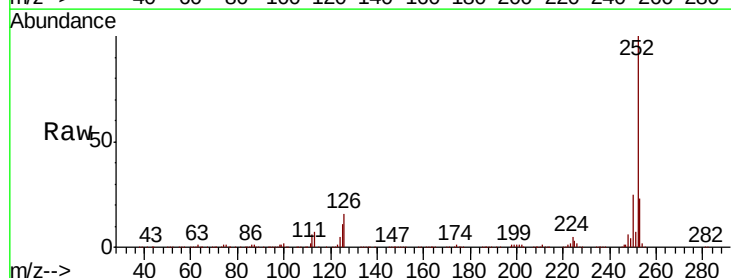
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.5	17.4	26.0

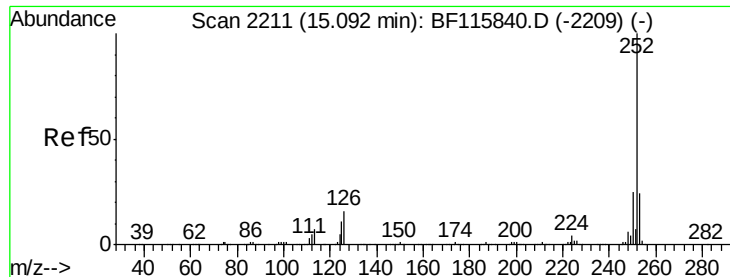


#88
Benzo(b)fluoranthene
Concen: 36.847 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:252 Resp: 1093567

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.5	8.4	12.6

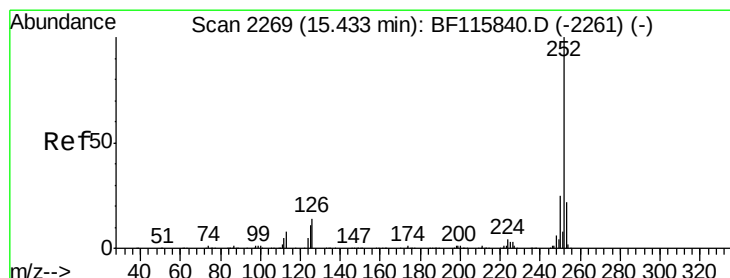
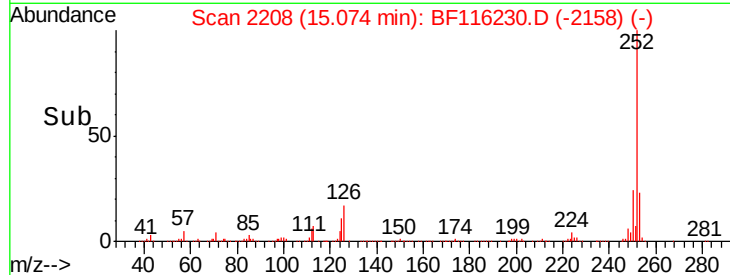
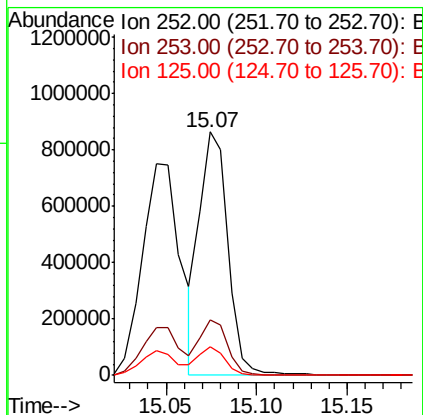
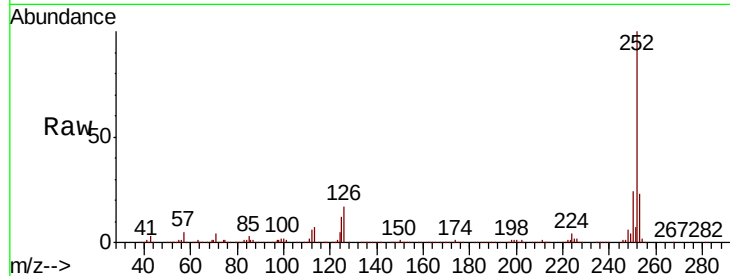




#89
Benzo(k)fluoranthene
Concen: 32.292 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

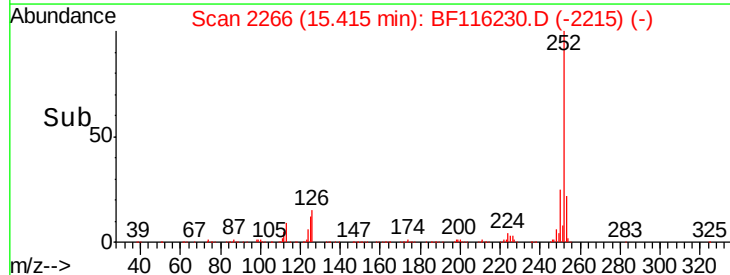
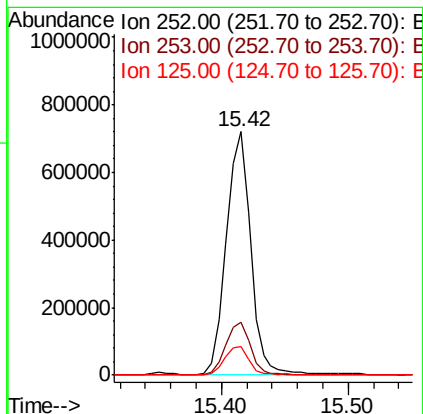
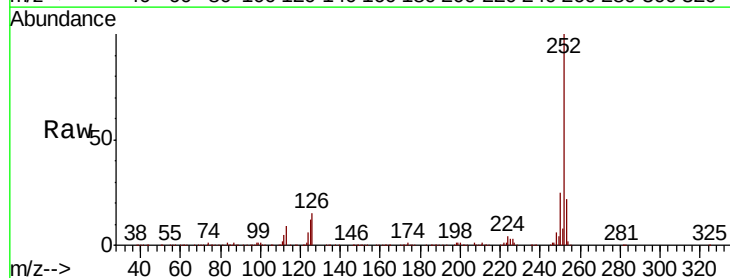
Instrument :
BNA_F
ClientSampleId :
TP-14MS

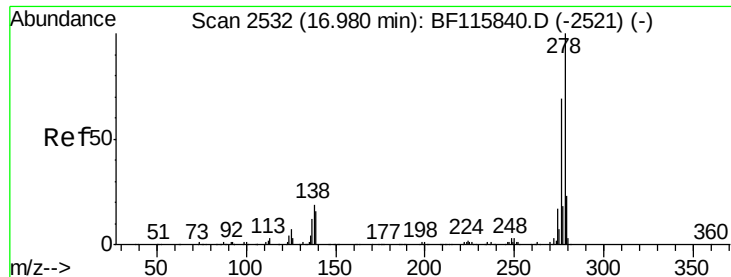
Tot Ion:252 Resp: 933467
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 36.187 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:252 Resp: 960055
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.7 8.9 13.3



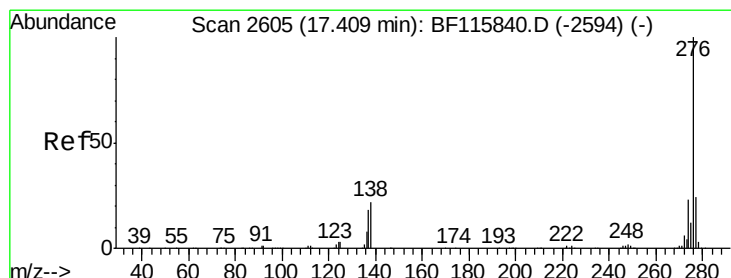
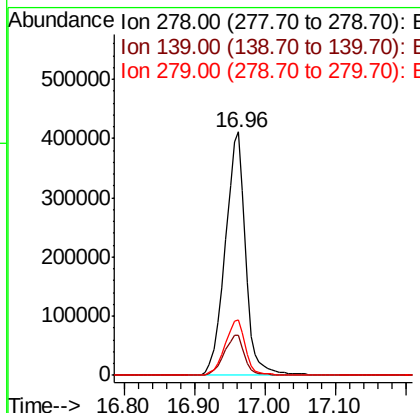
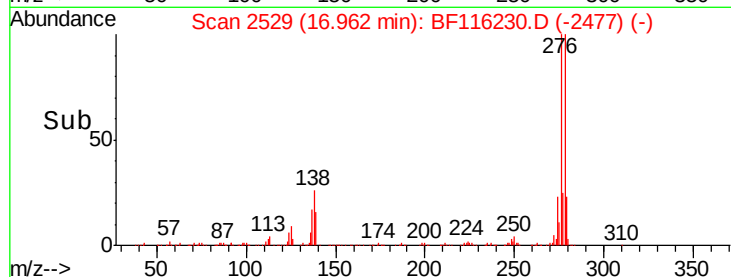
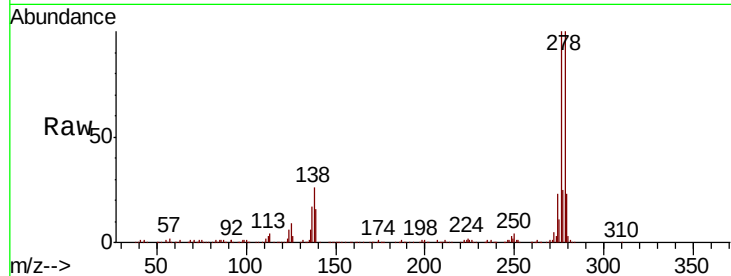


#91
Dibenzo(a,h)anthracene
Concen: 35.756 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Instrument :
BNA_F
ClientSampled :
TP-14MS

Tot Ion:278 Resp: 821126

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	22.9	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 34.792 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF116230.D
Acq: 13 Aug 2019 14:33

Tgt Ion:276 Resp: 784692

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	22.6	17.0	25.6

