

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114539.D
 Acq On : 23 May 2019 22:28
 Operator : JU/SJ
 Sample : K2746-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

Quant Time: May 24 07:20:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	163555	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	637693	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	320950	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	699805	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	518618	20.00	ng	-0.02
87) Perylene-d12	15.44	264	471708	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1098357	108.07	ng	-0.02
7) Phenol-d6	6.46	99	1417309	117.91	ng	-0.02
23) Nitrobenzene-d5	7.38	82	860961	75.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	381715	115.04	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1510560	71.19	ng	-0.02
79) Terphenyl-d14	12.92	244	1790244	71.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	151081	27.045	ng	99
3) Pyridine	3.31	79	413202	26.846	ng	96
4) n-Nitrosodimethylamine	3.25	42	233170	31.415	ng	100
6) Aniline	6.48	93	329608	18.982	ng	# 23
8) 2-Chlorophenol	6.60	128	446056	41.111	ng	96
9) Benzaldehyde	6.36	77	161626	19.206	ng	100
10) Phenol	6.47	94	560348	39.627	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	419875	39.111	ng	96
12) 1,3-Dichlorobenzene	6.76	146	446884	36.693	ng	99
13) 1,4-Dichlorobenzene	6.83	146	459907	37.474	ng	98
14) 1,2-Dichlorobenzene	6.99	146	429575	38.313	ng	99
15) Benzyl Alcohol	6.96	79	362617	38.678	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	758408	36.435	ng	70
17) 2-Methylphenol	7.08	107	349229	39.183	ng	# 92
18) Hexachloroethane	7.32	117	166046	36.045	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	297716	39.075	ng	100
20) 3+4-Methylphenols	7.23	107	457581	44.436	ng	# 65
22) Acetophenone	7.22	105	584682	41.388	ng	# 89
24) Nitrobenzene	7.40	77	460604	39.799	ng	94
25) Isophorone	7.63	82	851339	40.398	ng	99
26) 2-Nitrophenol	7.72	139	242503	43.189	ng	98
27) 2,4-Dimethylphenol	7.76	122	381956	43.312	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	534680	39.103	ng	99
29) 2,4-Dichlorophenol	7.96	162	374028	42.593	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	383747	38.430	ng	99
31) Naphthalene	8.12	128	1240308	41.638	ng	98
32) Benzoic acid	7.87	122	70185	16.550	ng	97
33) 4-Chloroaniline	8.17	127	212245	15.636	ng	99
34) Hexachlorobutadiene	8.23	225	209199	36.820	ng	97
35) Caprolactam	8.55	113	73735	25.751	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	403470	45.646	ng	99
37) 2-Methylnaphthalene	8.81	142	837924	43.599	ng	98
38) 1-Methylnaphthalene	8.91	142	794645	43.906	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	380313	39.118	ng	99

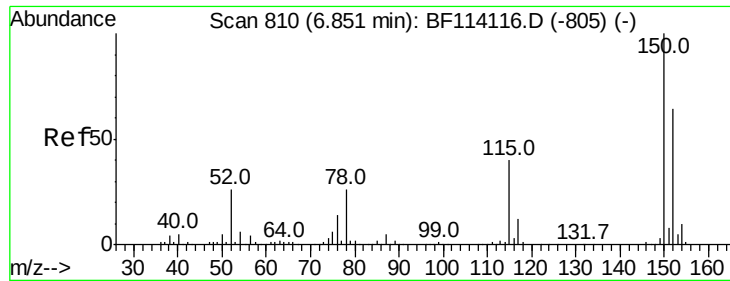
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
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Quant Time: May 24 07:20:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	90208	23.164	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	258549	38.663	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	273191	39.835	nq	98
46) 1,1'-Biphenyl	9.27	154	1026745	39.599	nq	97
47) 2-Chloronaphthalene	9.30	162	788579	37.791	nq	97
48) 2-Nitroaniline	9.40	65	283396	38.295	nq	98
49) Acenaphthylene	9.72	152	1265792	39.883	nq	99
50) Dimethylphthalate	9.57	163	1085477	46.071	nq	100
51) 2,6-Dinitrotoluene	9.64	165	216833	41.493	nq	98
52) Acenaphthene	9.89	154	752526	38.640	nq	97
53) 3-Nitroaniline	9.81	138	161630	24.916	nq	99
54) 2,4-Dinitrophenol	9.93	184	122412	49.403	nq	94
55) Dibenzofuran	10.06	168	1090317	38.179	nq	99
56) 4-Nitrophenol	10.00	139	296075	64.539	nq	98
57) 2,4-Dinitrotoluene	10.05	165	275305	38.814	nq	# 80
58) Fluorene	10.40	166	912560	41.370	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	237653	40.161	nq	100
60) Diethylphthalate	10.27	149	978618	40.879	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	432942	39.961	nq	98
62) 4-Nitroaniline	10.43	138	237285	34.810	nq	96
63) Azobenzene	10.55	77	920616	39.730	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	127423	37.894	nq	88
66) n-Nitrosodiphenylamine	10.51	169	829156	39.039	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	278504	36.145	nq	96
68) Hexachlorobenzene	10.96	284	302043	35.435	nq	92
69) Atrazine	11.04	200	258228	39.069	nq	98
70) Pentachlorophenol	11.16	266	255507	63.233	nq	97
71) Phenanthrene	11.36	178	1357851	39.882	nq	98
72) Anthracene	11.42	178	1392568	40.722	nq	99
73) Carbazole	11.57	167	1368342	41.961	nq	99
74) Di-n-butylphthalate	11.89	149	1573190	41.875	nq	100
75) Fluoranthene	12.55	202	1534779	41.861	nq	98
77) Benzidine	12.67	184	305136	13.107	nq	95
78) Pyrene	12.79	202	1570046	37.633	nq	99
80) Butylbenzylphthalate	13.39	149	715685	40.756	nq	95
81) Benzo(a)anthracene	13.97	228	1296653	38.655	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	317150	24.372	nq	99
83) Chrysene	14.01	228	1268350	38.572	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1013873	44.145	nq	100
85) Di-n-octyl phthalate	14.56	149	1695175	45.532	nq	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1229597	42.311	nq	99
88) Benzo(b)fluoranthene	15.02	252	1193001	39.477	nq	100
89) Benzo(k)fluoranthene	15.05	252	1135289	40.896	nq	99
90) Benzo(a)pyrene	15.39	252	1112998	41.848	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	1024553	46.359	nq	100
92) Benzo(g,h,i)perylene	17.37	276	1061126	47.911	nq	99

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

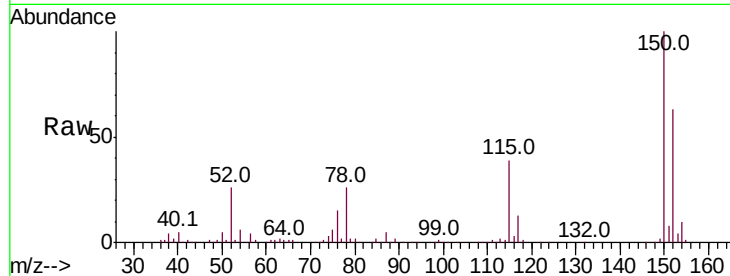


#1

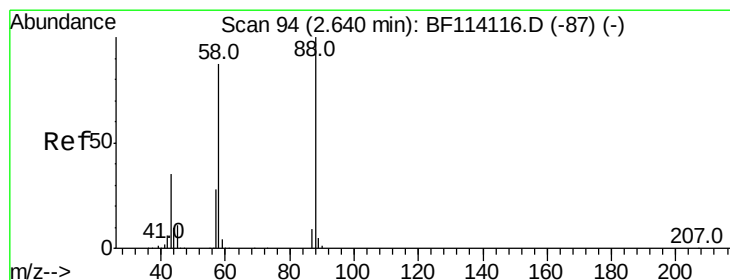
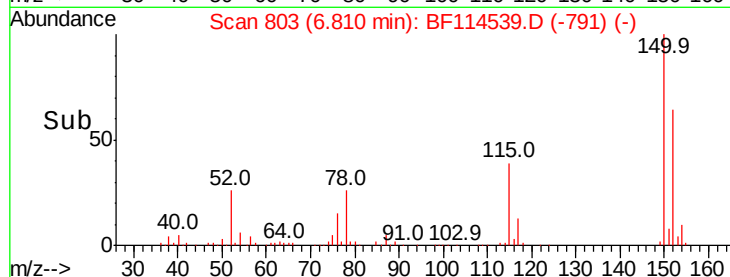
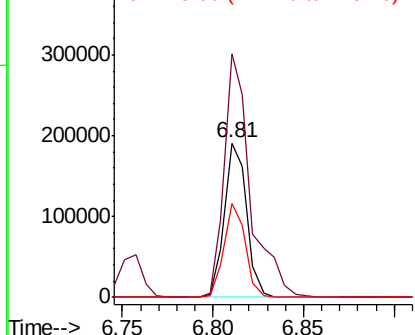
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:152 Resp: 163555
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 61.0 49.1 73.7



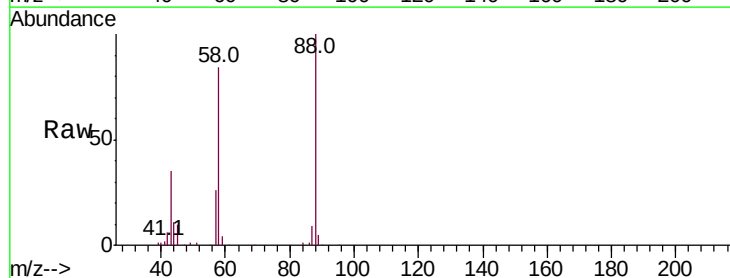
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



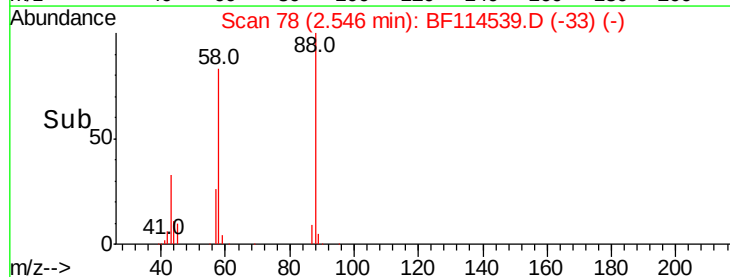
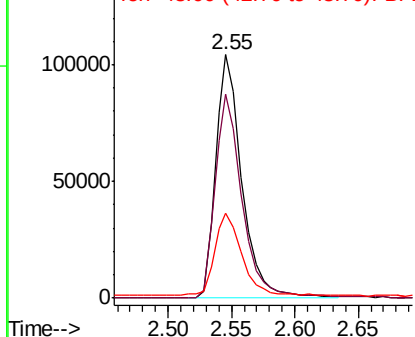
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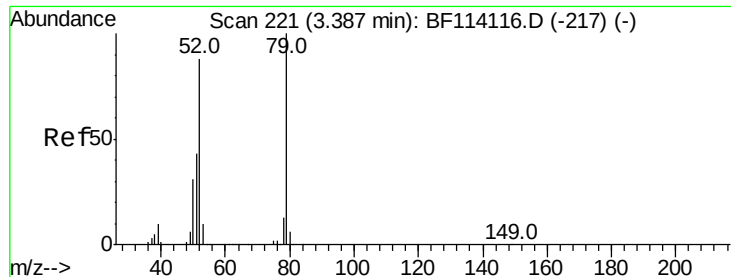
1,4-Dioxane
Concen: 27.045 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.04 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion: 88 Resp: 151081
Ion Ratio Lower Upper
88 100
58 86.1 68.7 103.1
43 34.5 28.2 42.2



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: 26.846 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

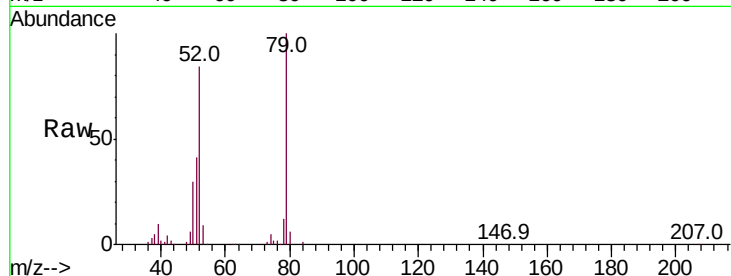
Tot Ion: 79 Resp: 413202

Ion Ratio Lower Upper

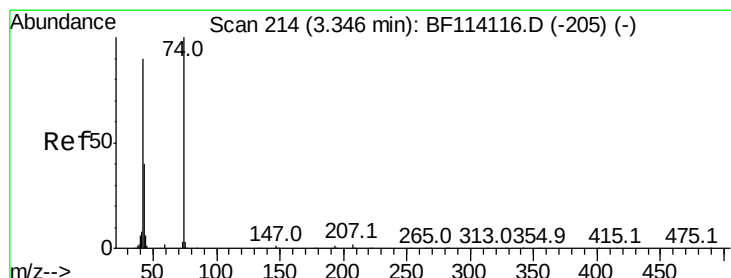
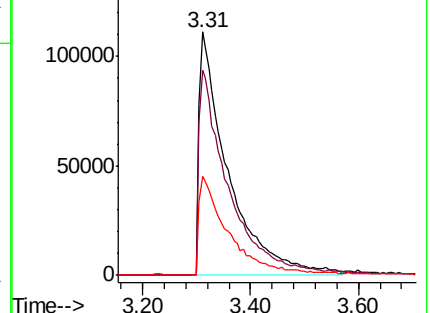
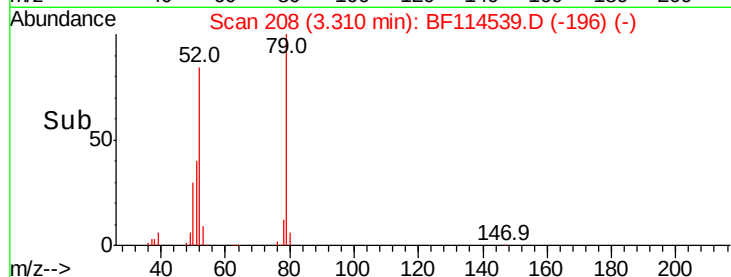
79 100

52 84.1 70.6 105.8

51 40.5 34.2 51.2



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: 31.415 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

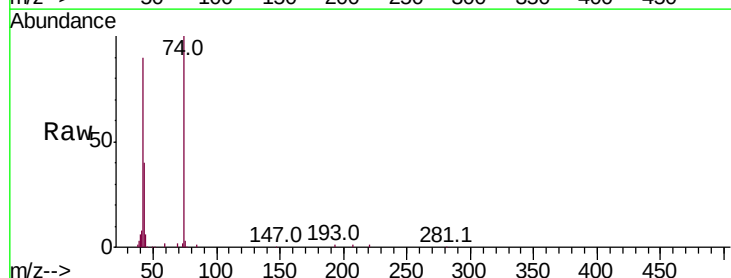
Tgt Ion: 42 Resp: 233170

Ion Ratio Lower Upper

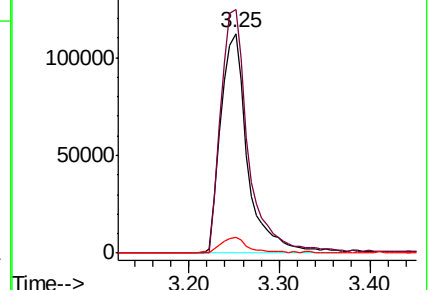
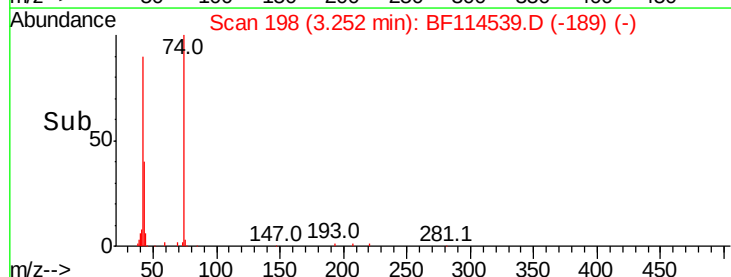
42 100

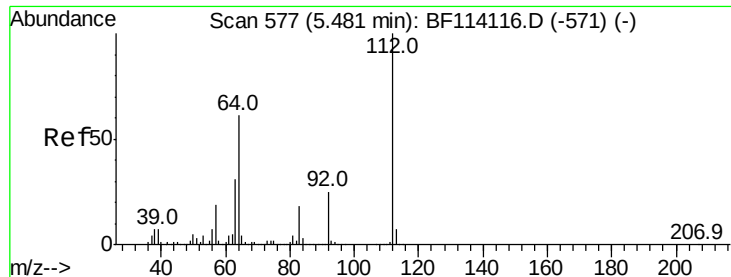
74 110.8 88.6 132.8

44 7.1 5.5 8.3



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: 108.070 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

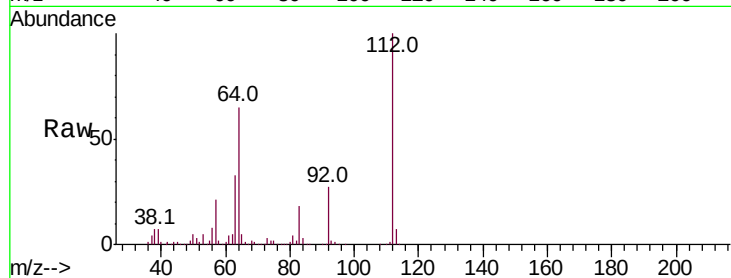
Tot Ion:112 Resp: 1098357

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

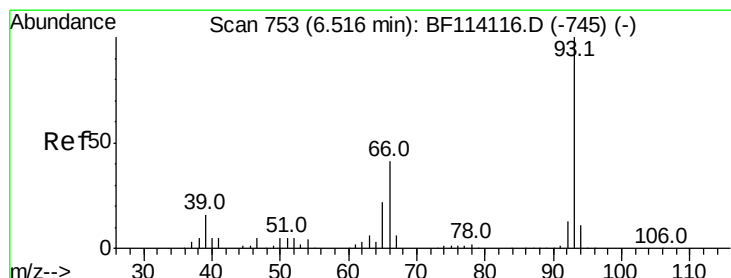
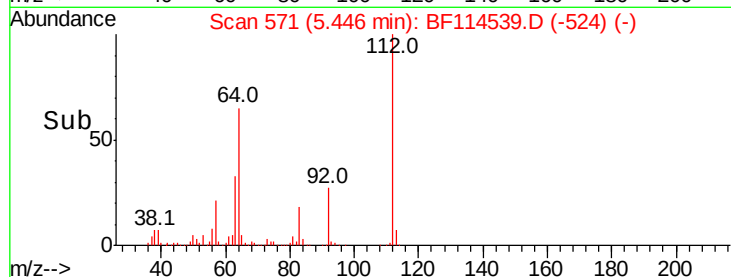
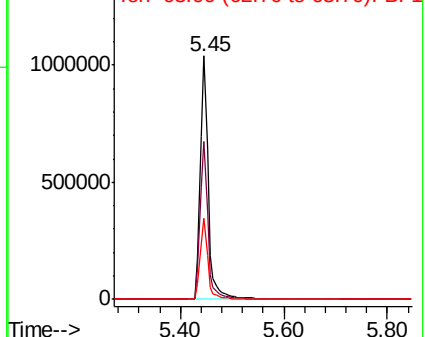
63 33.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.982 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

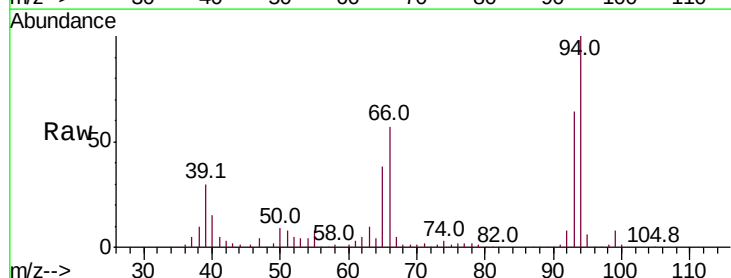
Tgt Ion: 93 Resp: 329608

Ion Ratio Lower Upper

93 100

66 89.9 33.2 49.8#

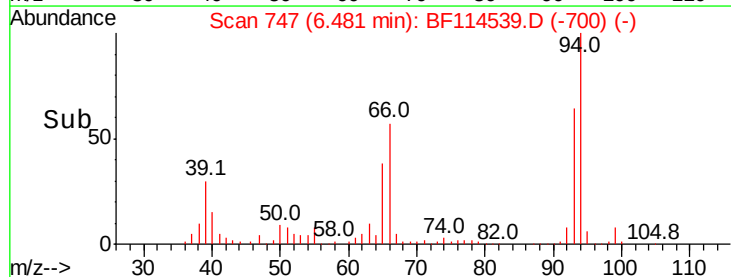
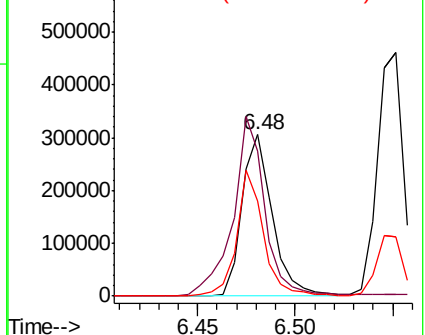
65 58.9 17.6 26.4#

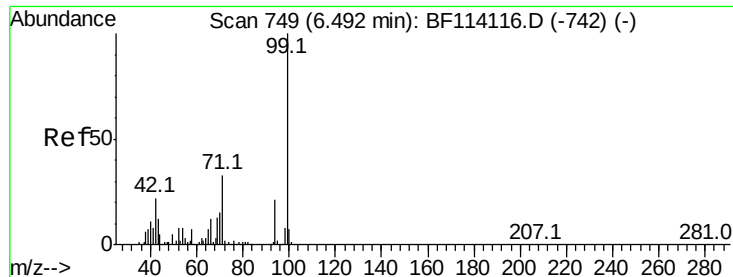


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.907 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

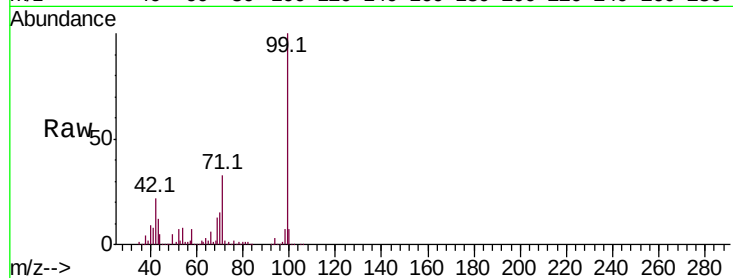
Tot Ion: 99 Resp: 1417309

Ion Ratio Lower Upper

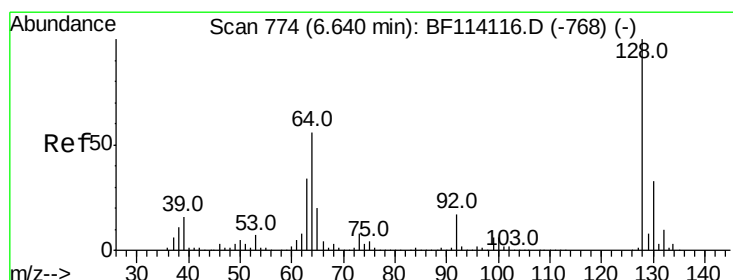
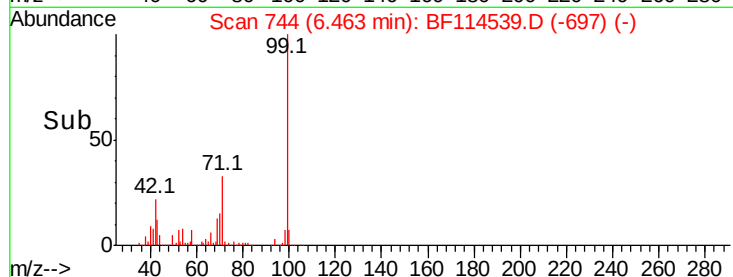
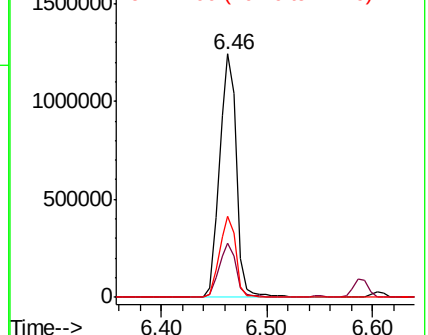
99 100

42 22.4 17.9 26.9

71 33.5 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.111 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

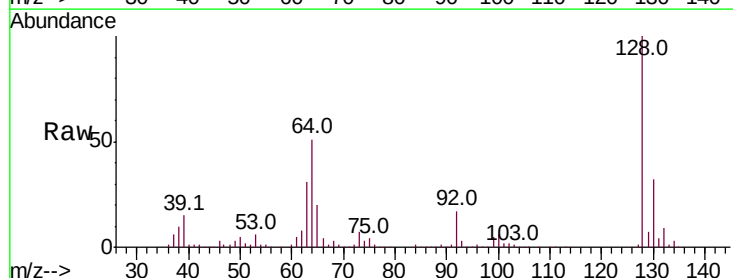
Tgt Ion:128 Resp: 446056

Ion Ratio Lower Upper

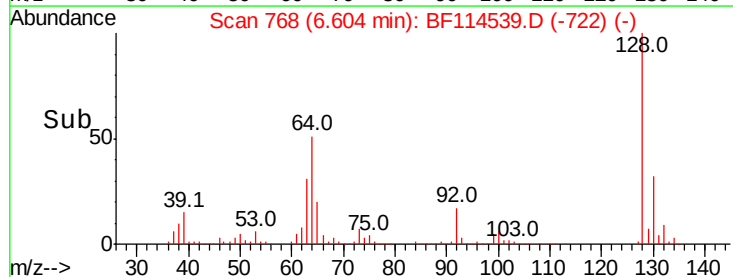
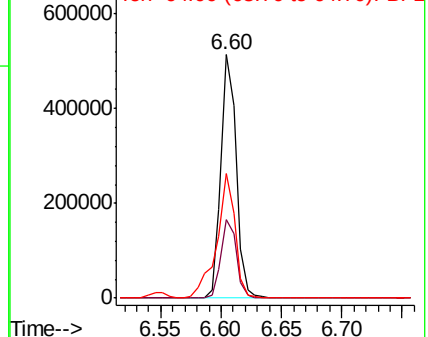
128 100

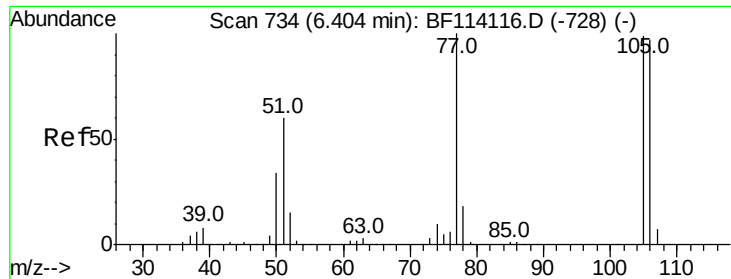
130 32.3 12.6 52.6

64 51.4 35.9 75.9



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

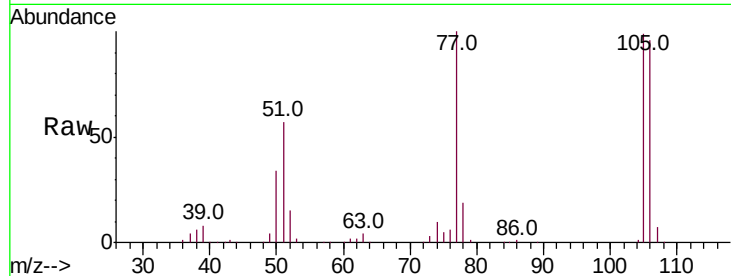




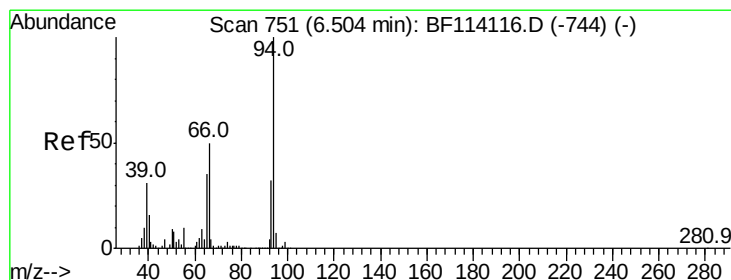
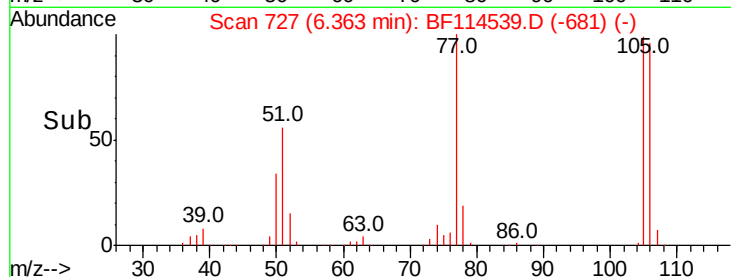
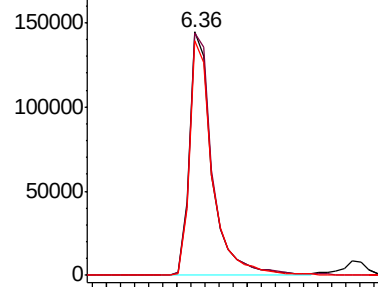
#9
Benzaldehyde
Concen: 19.206 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion: 77 Resp: 161626
Ion Ratio Lower Upper
77 100
105 99.4 79.3 119.3
106 96.2 77.0 117.0

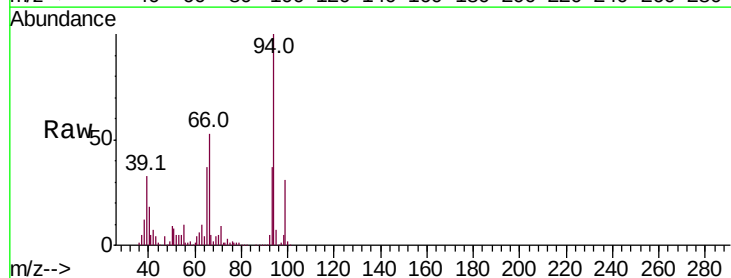


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

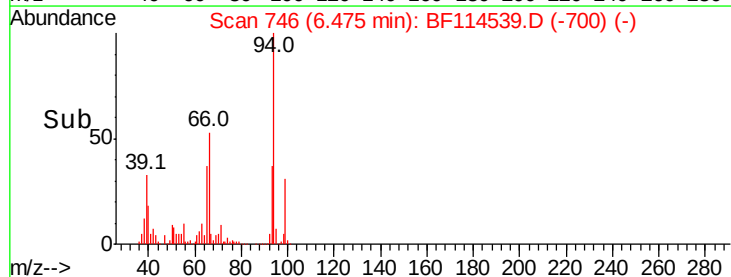
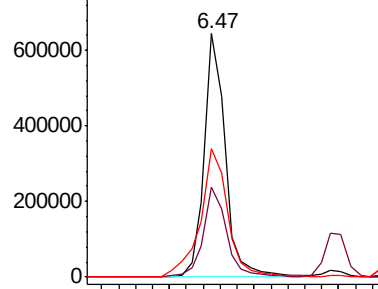


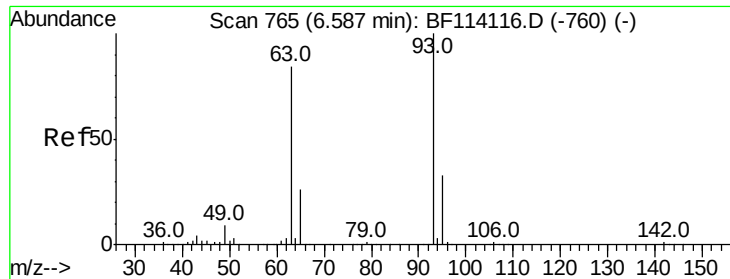
#10
Phenol
Concen: 39.627 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion: 94 Resp: 560348
Ion Ratio Lower Upper
94 100
65 37.1 14.7 54.7
66 52.9 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

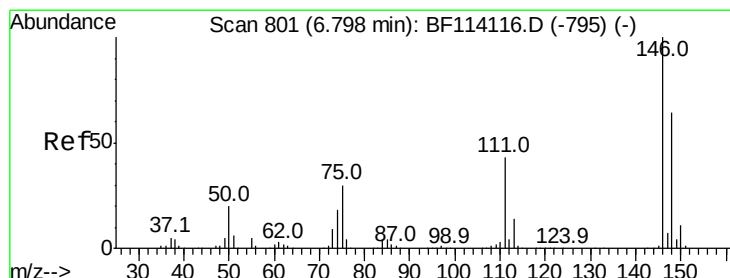
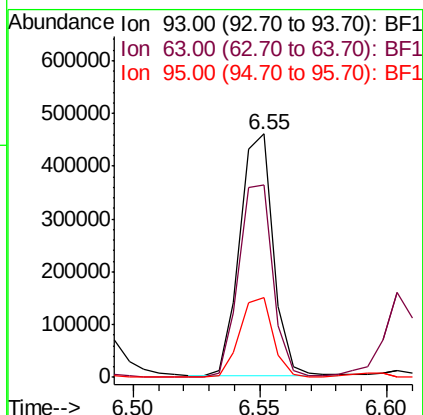
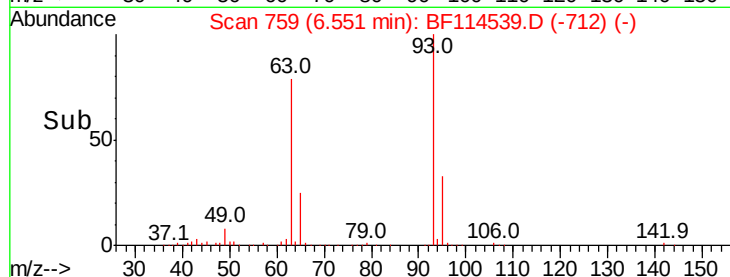
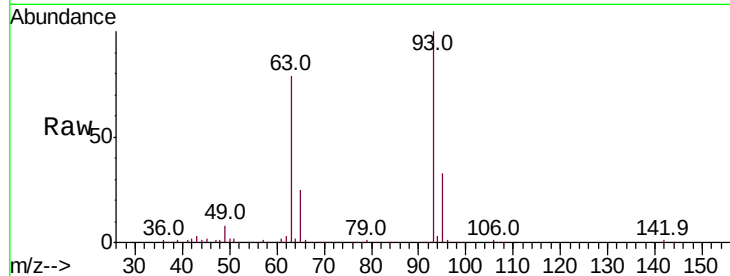




#11
bis(2-Chloroethyl)ether
Concen: 39.111 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

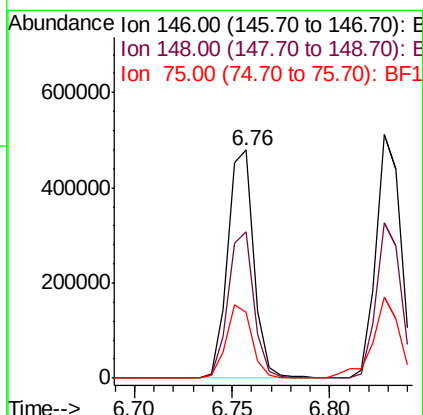
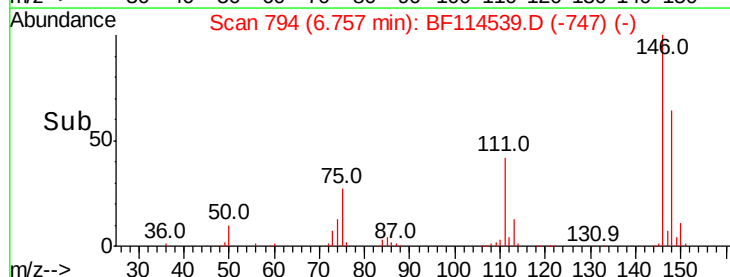
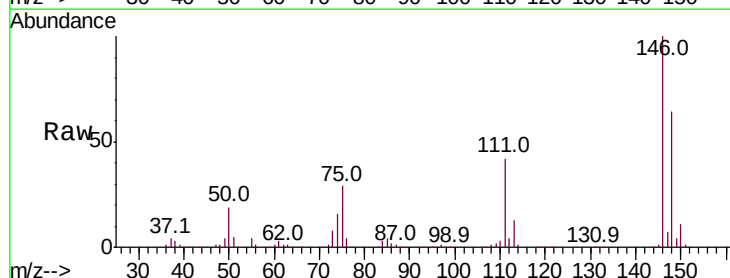
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

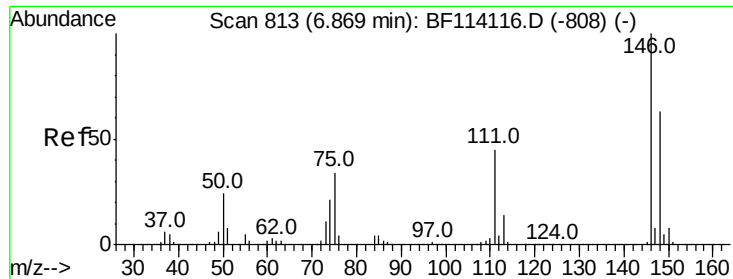
Tot Ion: 93 Resp: 419875
Ion Ratio Lower Upper
93 100
63 79.3 63.6 103.6
95 33.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.693 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion: 146 Resp: 446884
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
75 28.8 24.2 36.2

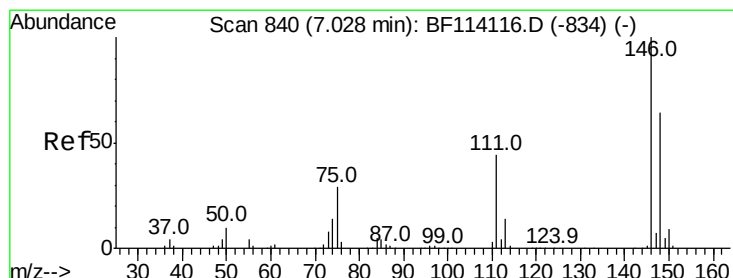
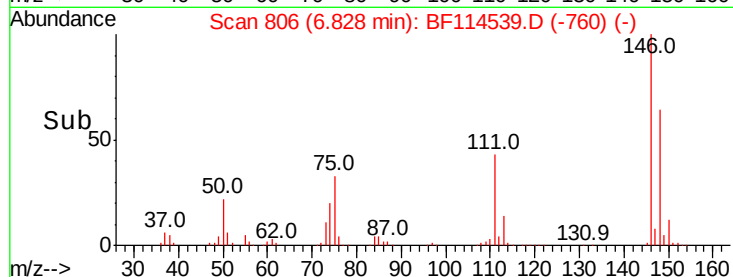
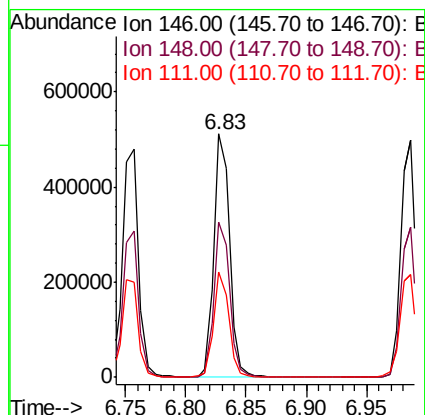
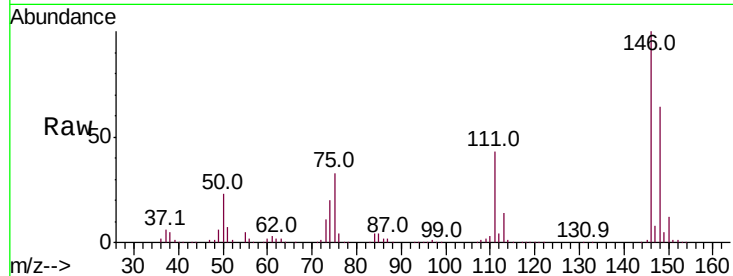




#13
 1,4-Dichlorobenzene
 Concen: 37.474 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

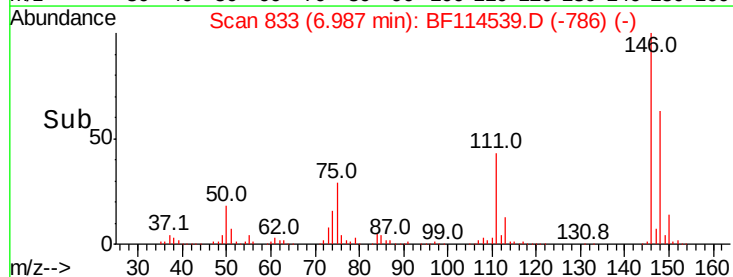
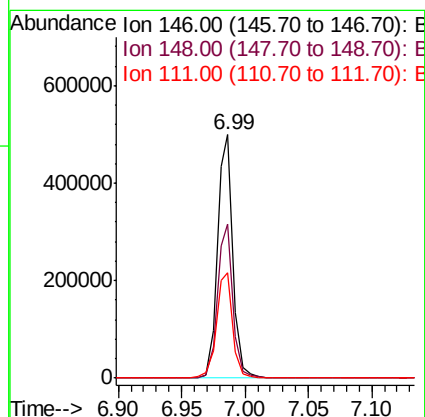
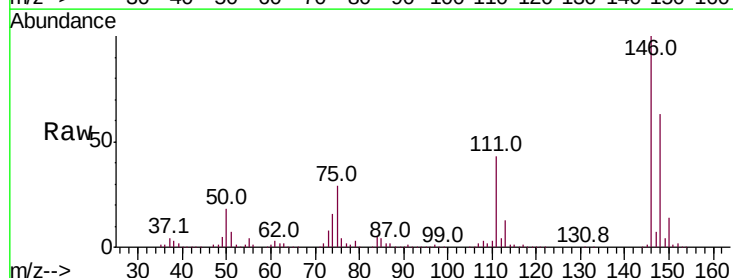
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

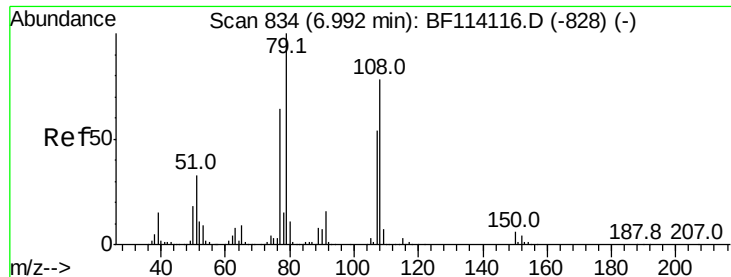
Tot Ion:146 Resp: 459907
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 43.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 38.313 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:146 Resp: 429575
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 43.3 35.3 52.9





#15

Benzyl Alcohol

Concen: 38.678 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

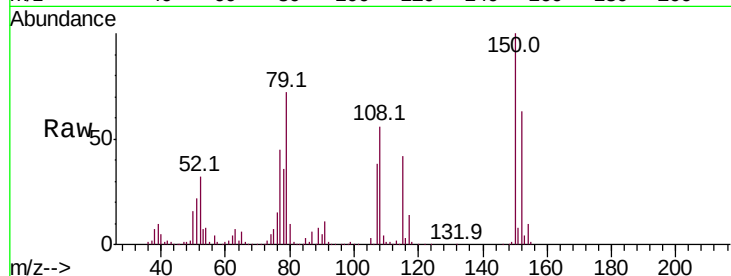
Tot Ion: 79 Resp: 362617

Ion Ratio Lower Upper

79 100

108 77.9 62.1 93.1

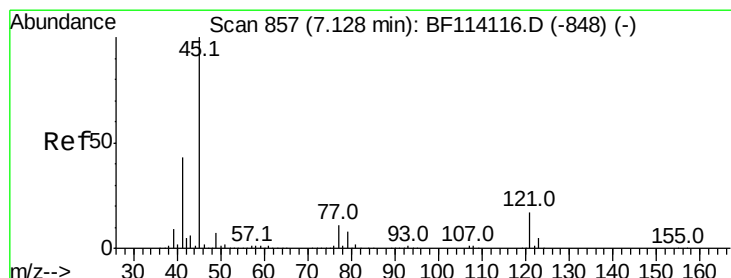
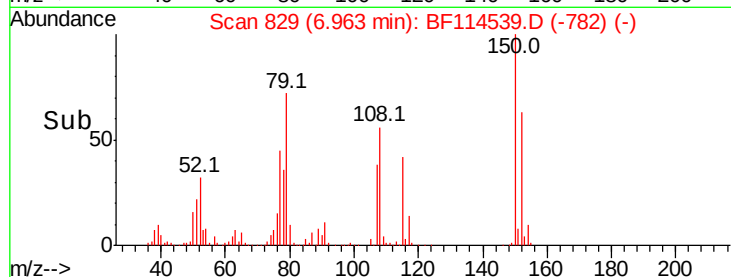
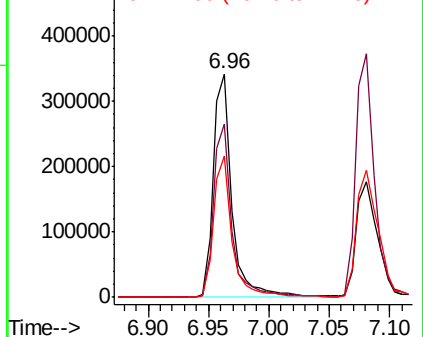
77 63.3 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.435 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

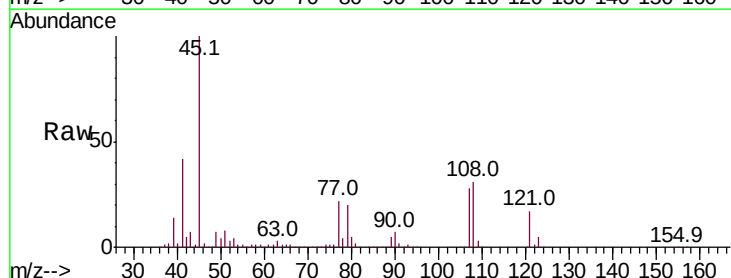
Tgt Ion: 45 Resp: 758408

Ion Ratio Lower Upper

45 100

77 22.2 0.0 31.1

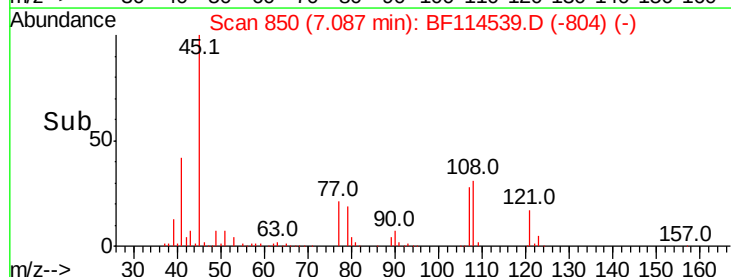
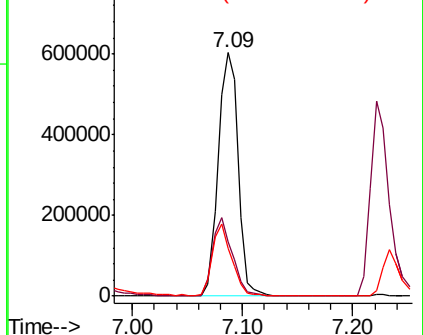
79 19.6 0.0 28.4

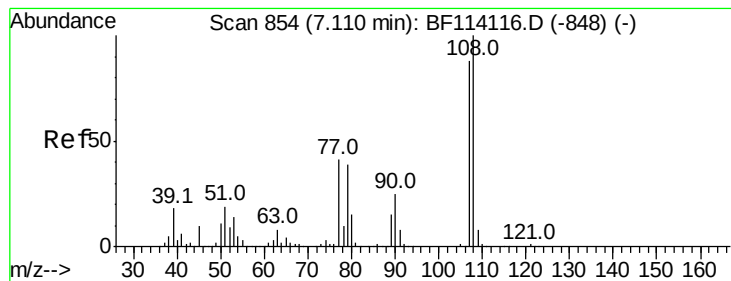


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.183 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:107 Resp: 349229

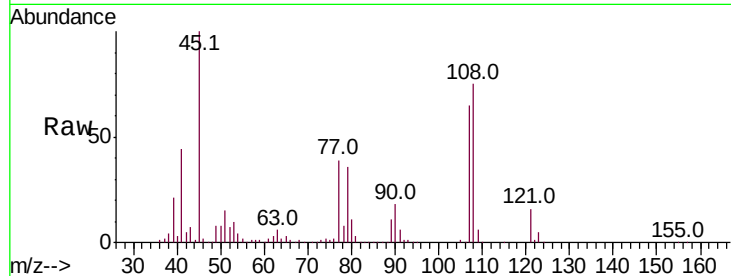
Ion Ratio Lower Upper

107 100

108 114.2 90.5 135.7

77 59.6 37.0 55.4#

79 54.4 35.8 53.8#



Abundance

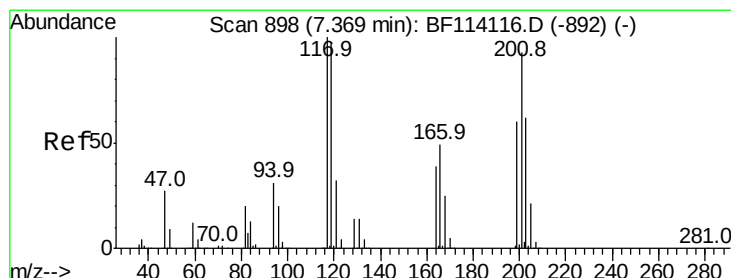
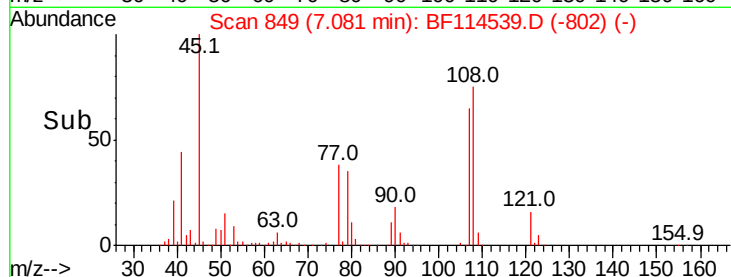
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 36.045 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

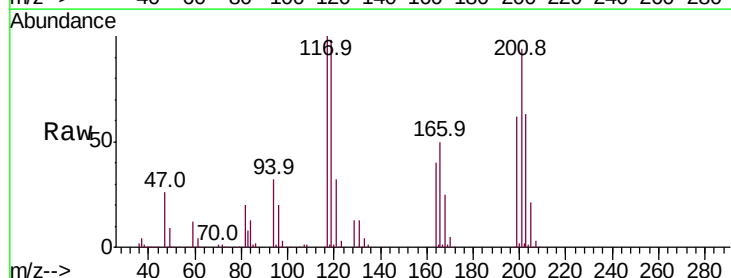
Tgt Ion:117 Resp: 166046

Ion Ratio Lower Upper

117 100

119 98.3 77.4 116.2

201 94.2 74.5 111.7



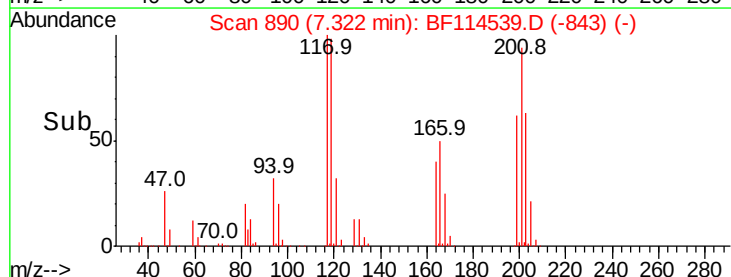
Abundance

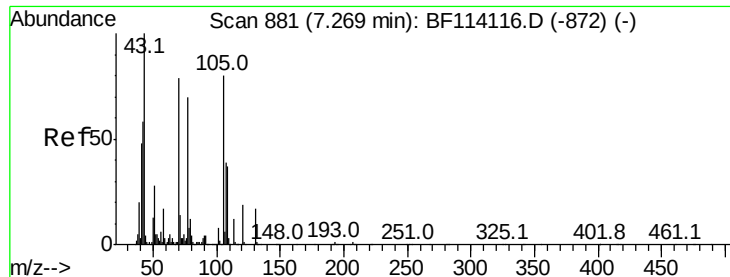
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

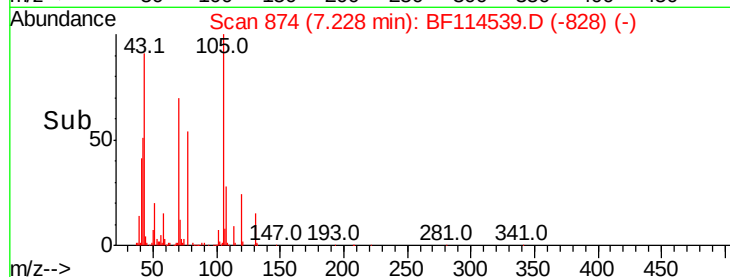
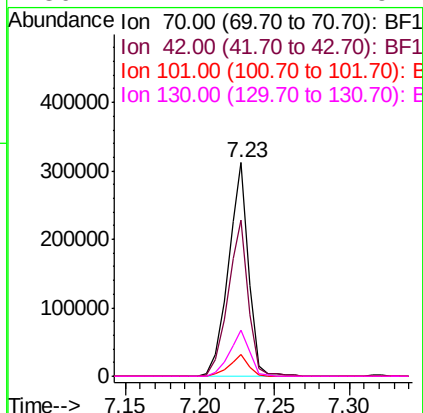
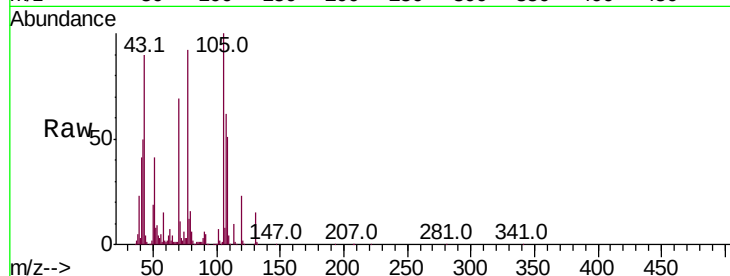




#19
n-Nitroso-di-n-propylamine
Concen: 39.075 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

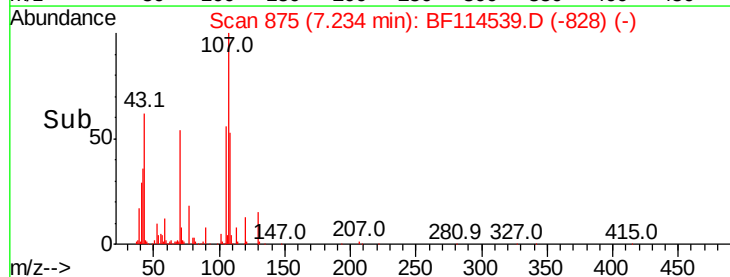
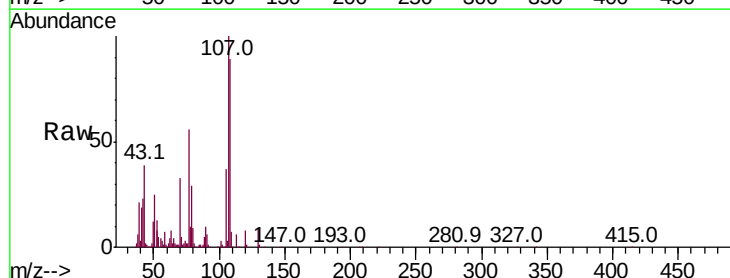
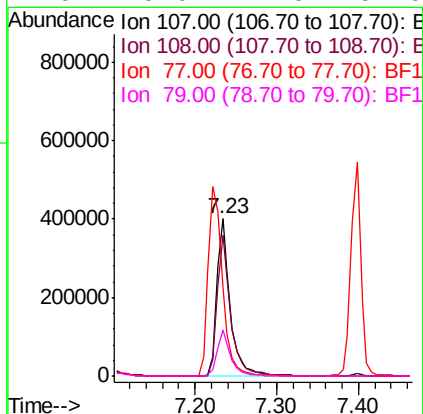
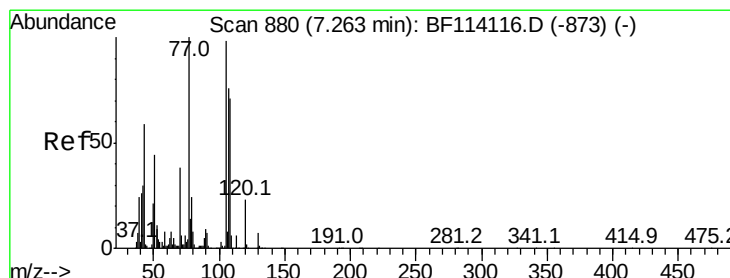
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

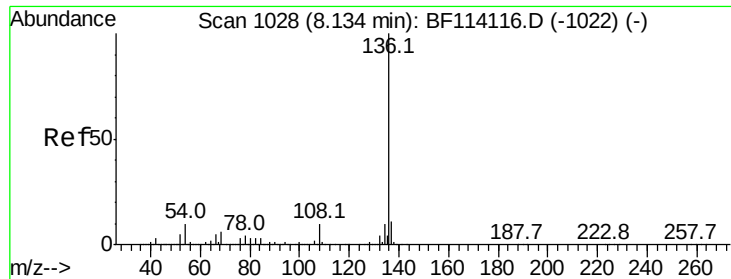
Tot Ion:	70	Resp:	297716
Ion	Ratio	Lower	Upper
70	100		
42	72.9	58.6	87.8
101	9.9	7.8	11.8
130	21.4	17.1	25.7



#20
3+4-Methylphenols
Concen: 44.436 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:	107	Resp:	457581
Ion	Ratio	Lower	Upper
107	100		
108	89.4	73.8	113.8
77	56.2	111.5	151.5#
79	29.0	12.0	52.0

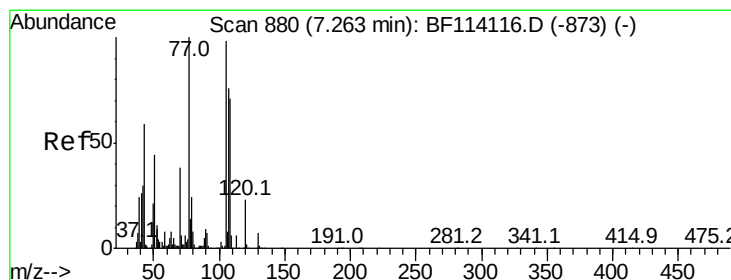
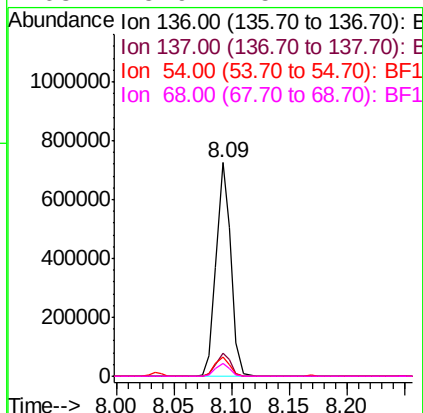
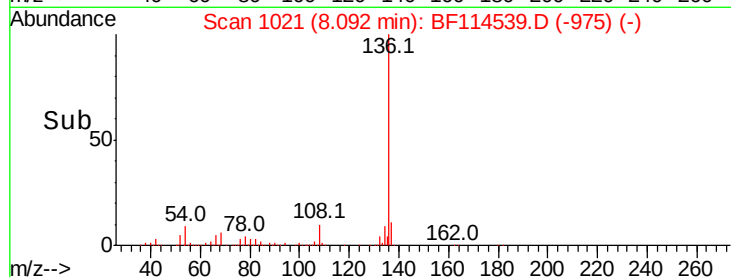
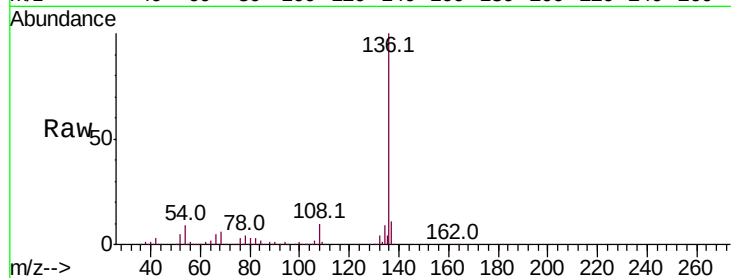




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

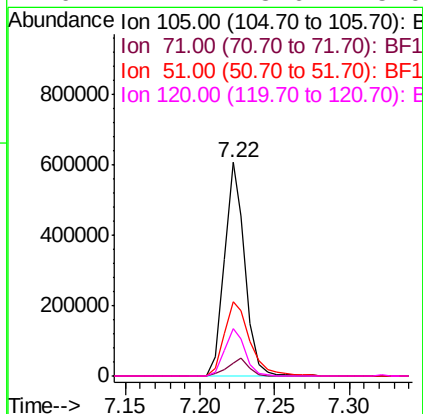
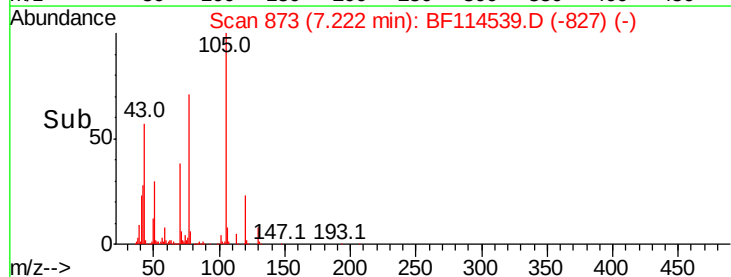
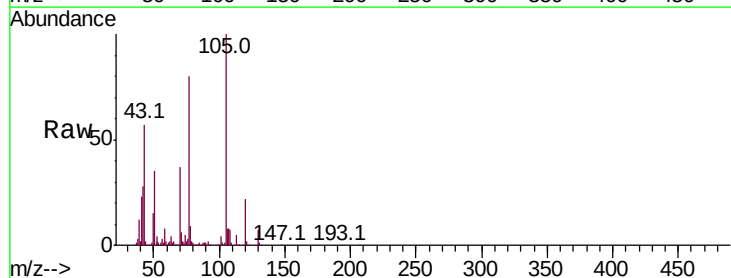
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

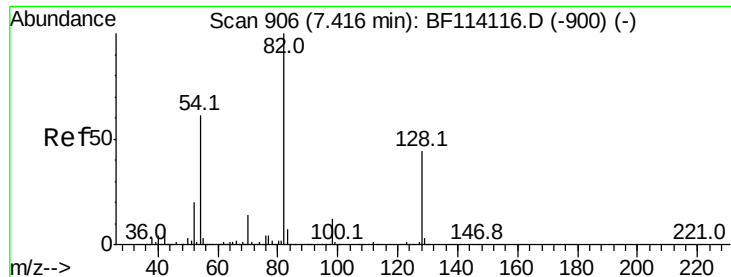
Tot Ion:	136	Resp:	637693
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	7.8	11.8
68	5.9	5.1	7.7



#22
Acetophenone
Concen: 41.388 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:	105	Resp:	584682
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.3	7.9
51	34.6	36.2	54.4#
120	22.4	18.6	28.0

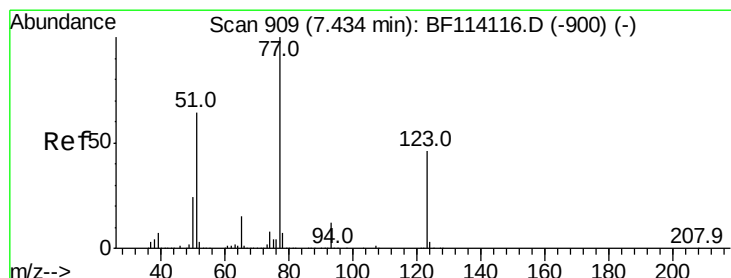
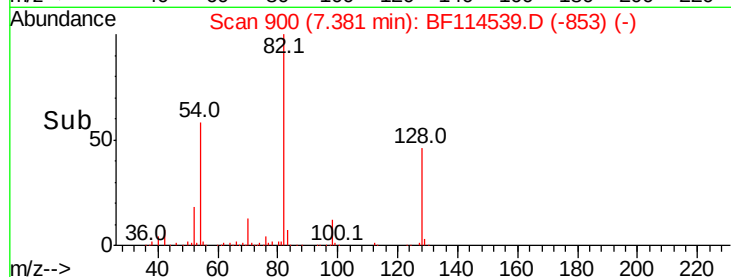
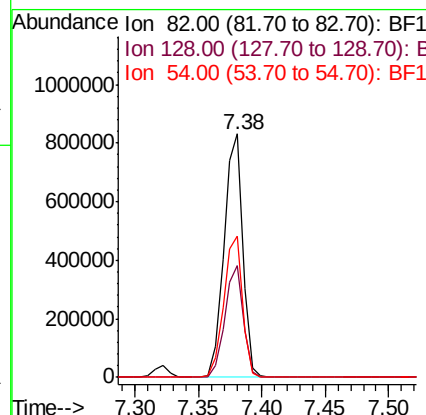
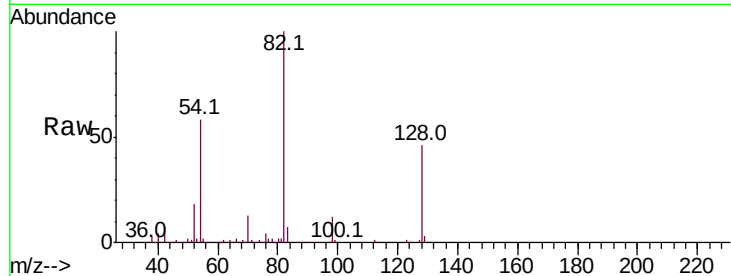




#23
 Nitrobenzene-d5
 Concen: 75.769 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

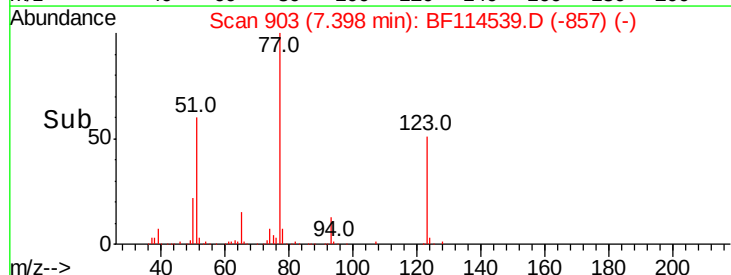
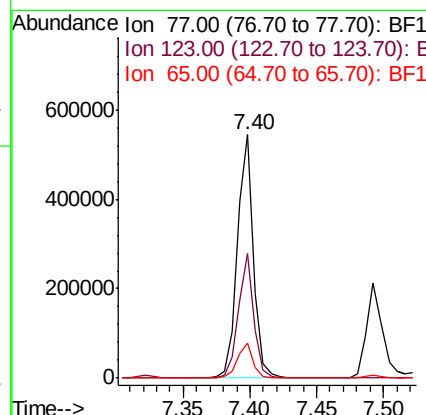
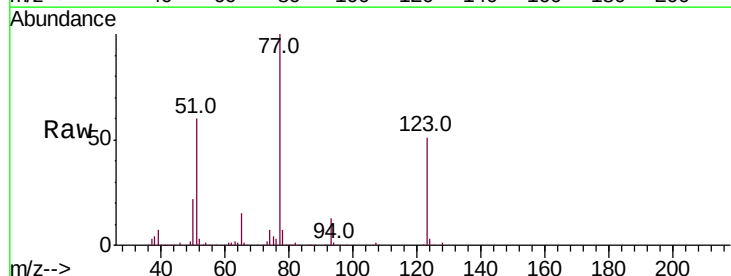
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

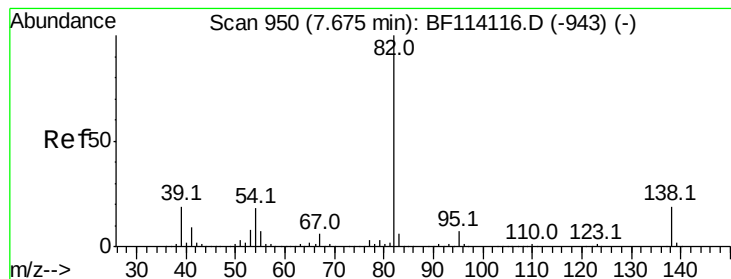
Tot Ion	82	Resp	860961
Ion Ratio	100	Lower	Upper
128	45.9	35.5	53.3
54	58.1	48.5	72.7



#24
 Nitrobenzene
 Concen: 39.799 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion	77	Resp	460604
Ion Ratio	100	Lower	Upper
123	51.3	36.9	55.3
65	14.5	11.8	17.6





#25

Isophorone

Concen: 40.398 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

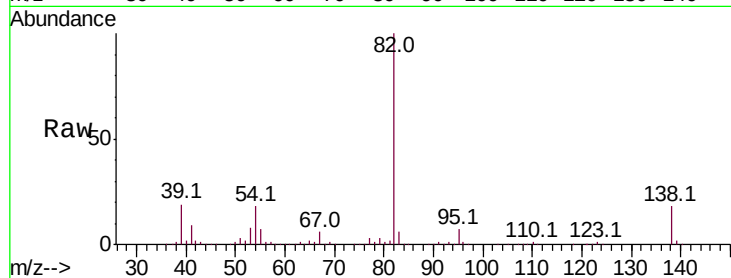
Tot Ion: 82 Resp: 851339

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

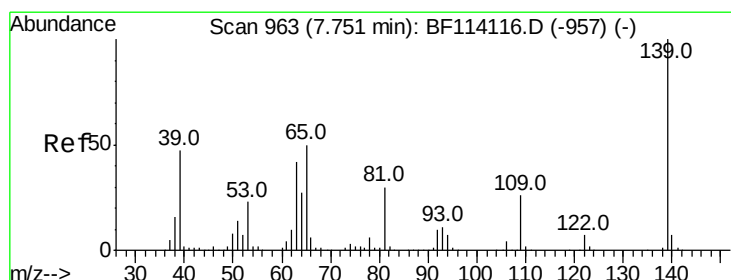
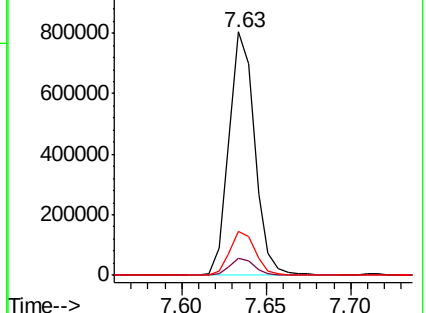
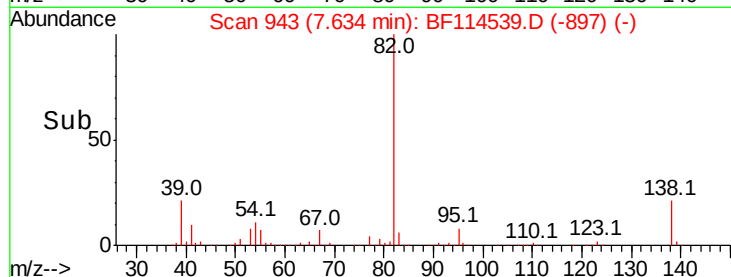
138 17.9 14.8 22.2



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: 43.189 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

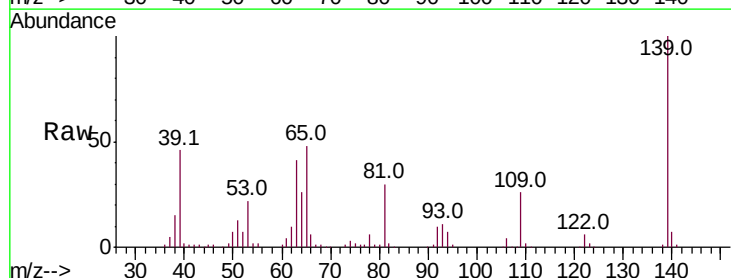
Tgt Ion: 139 Resp: 242503

Ion Ratio Lower Upper

139 100

109 25.6 20.7 31.1

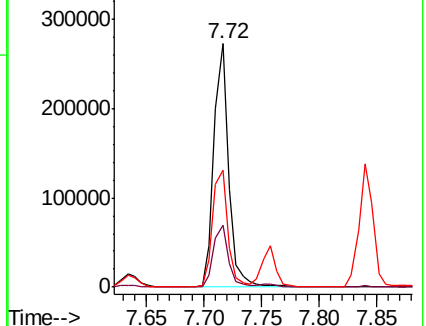
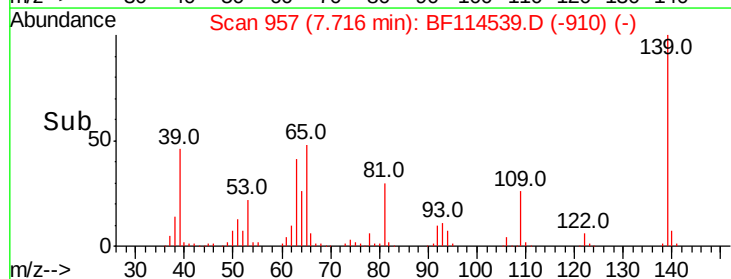
65 48.3 40.2 60.2

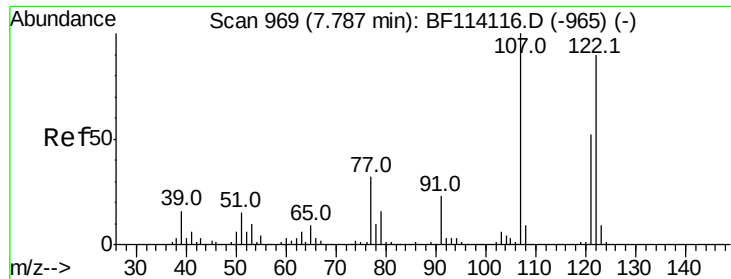


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

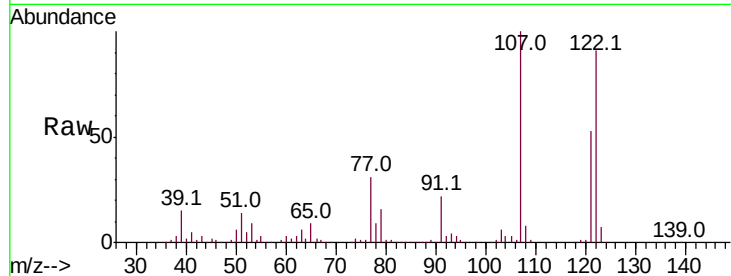




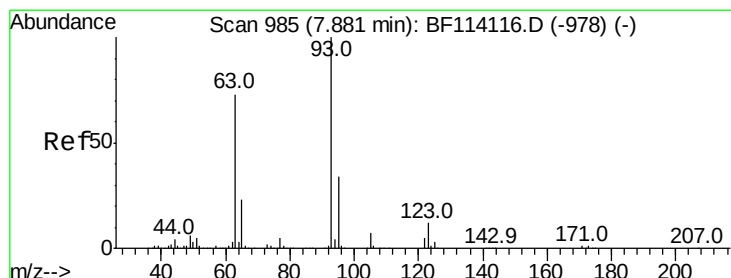
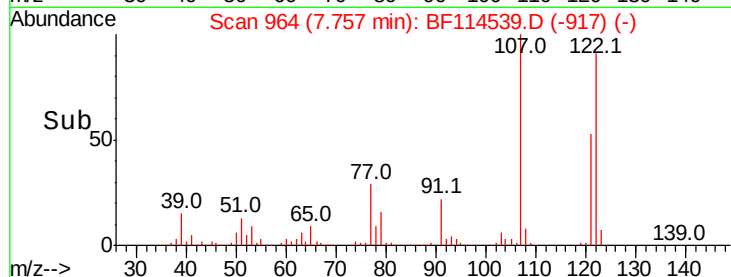
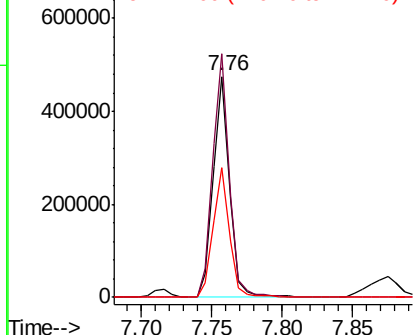
#27
2,4-Dimethylphenol
Concen: 43.312 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:122 Resp: 381956
Ion Ratio Lower Upper
122 100
107 110.4 88.4 132.6
121 58.5 45.9 68.9

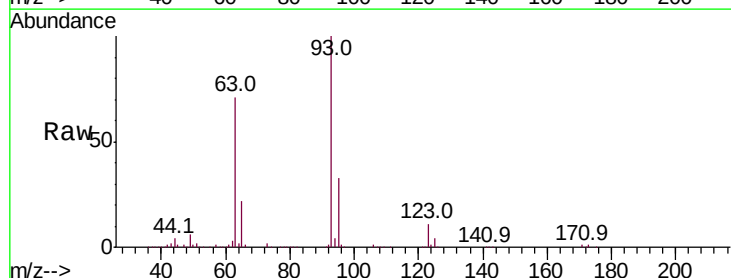


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

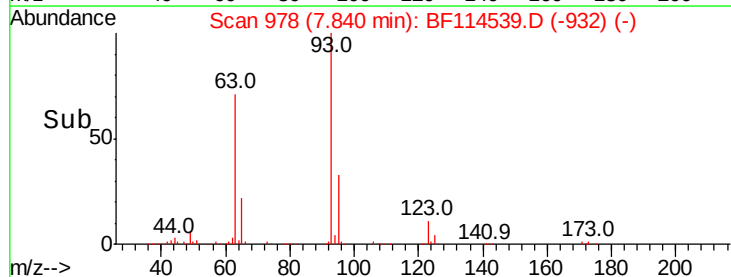
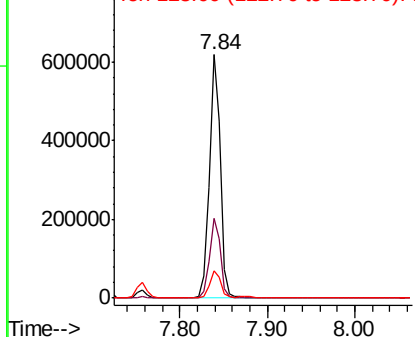


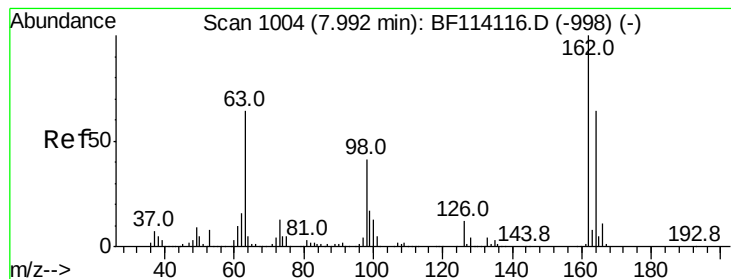
#28
bis(2-Chloroethoxy)methane
Concen: 39.103 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion: 93 Resp: 534680
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.4 9.5 14.3



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: 42.593 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

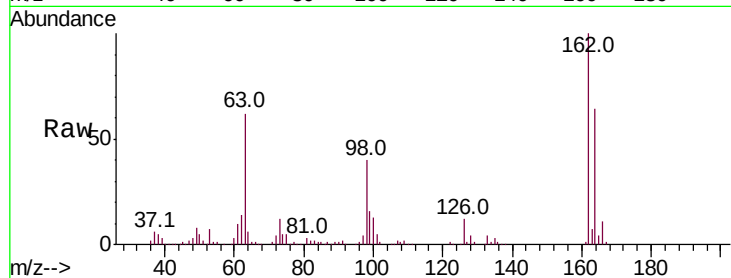
Tot Ion:162 Resp: 374028

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

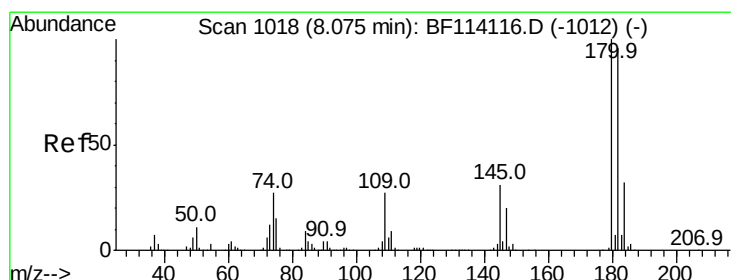
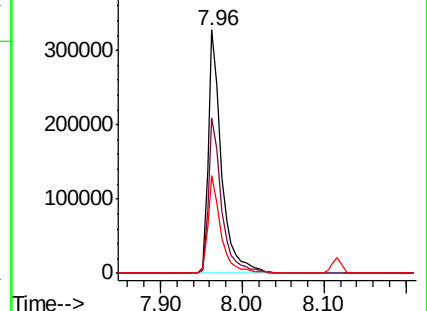
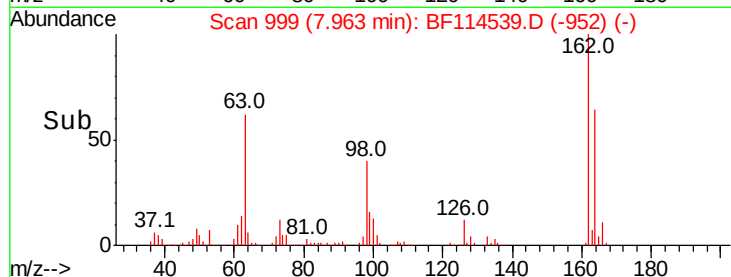
98 40.0 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.430 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

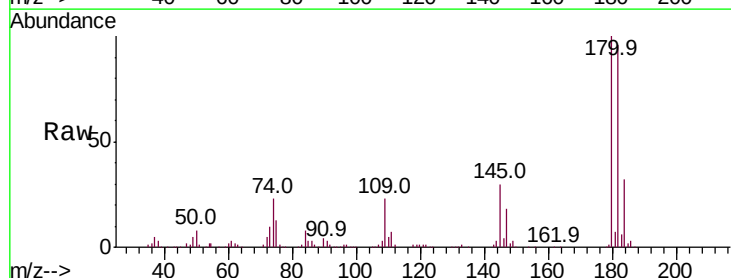
Tgt Ion:180 Resp: 383747

Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

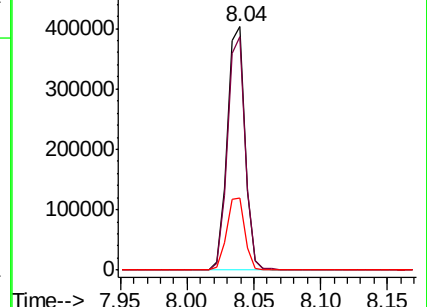
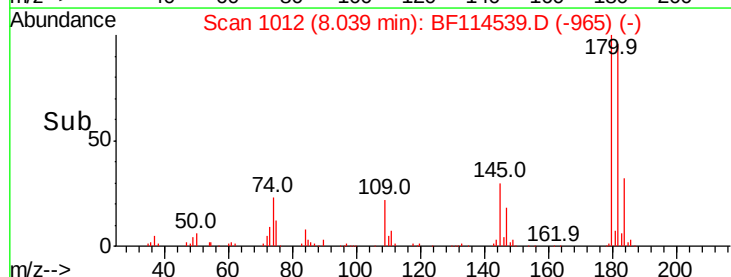
145 29.8 25.1 37.7

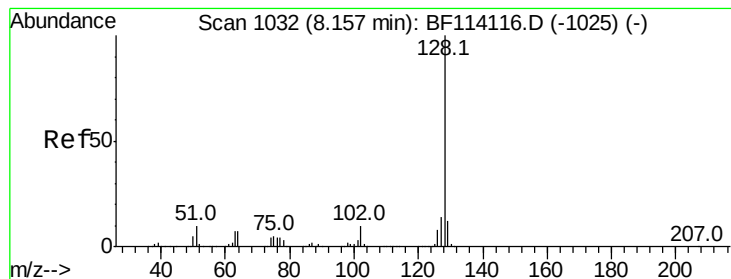


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.638 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

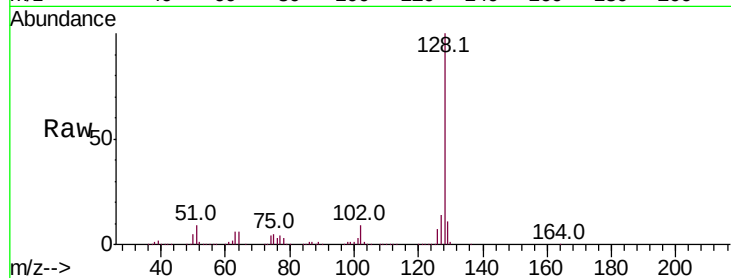
Tot Ion:128 Resp: 1240308

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

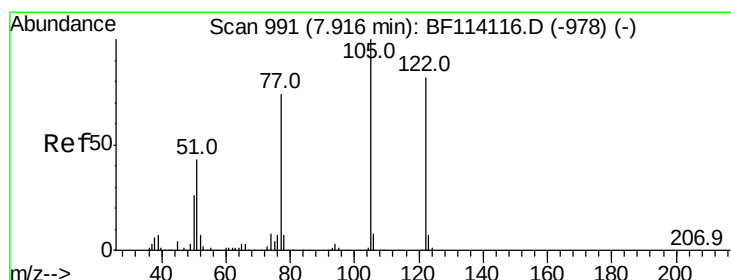
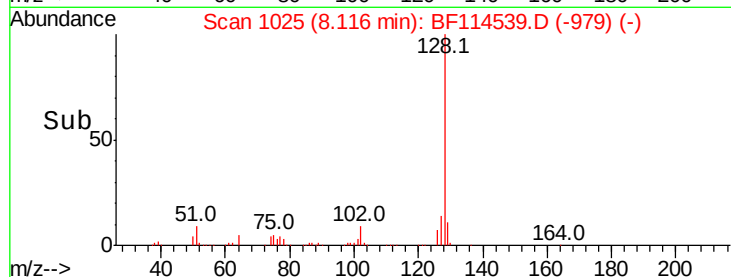
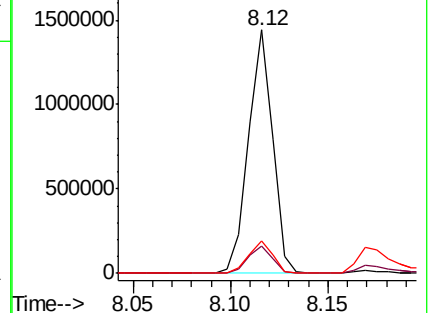
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.550 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

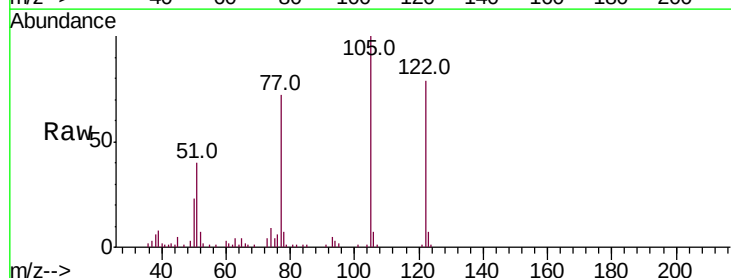
Tgt Ion:122 Resp: 70185

Ion Ratio Lower Upper

122 100

105 125.9 99.9 139.9

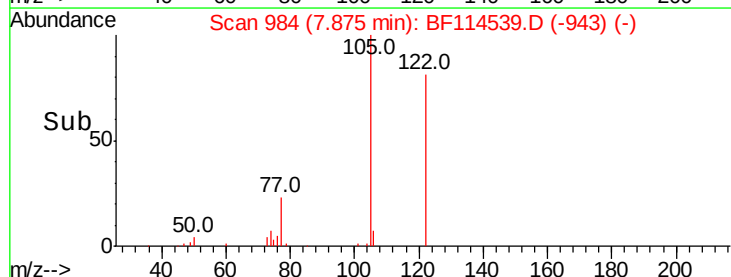
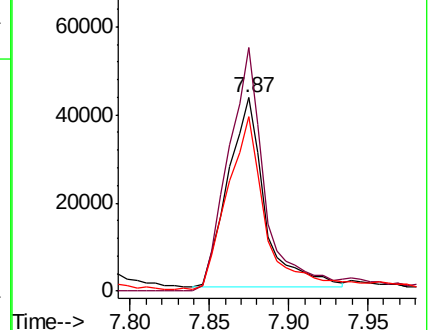
77 90.2 69.4 109.4

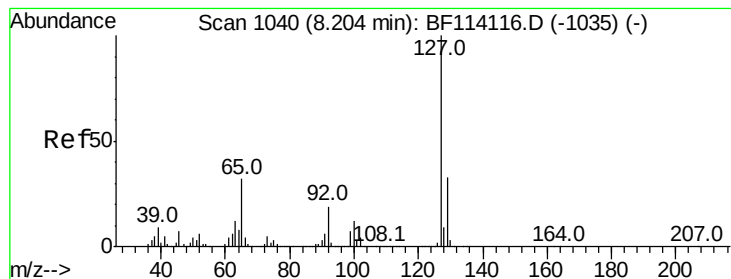


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 15.636 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:127 Resp: 212245

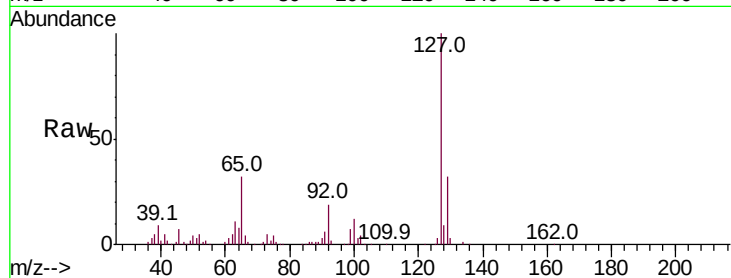
Ion Ratio Lower Upper

127 100

129 32.2 26.7 40.1

65 32.2 25.4 38.0

92 19.0 15.4 23.2

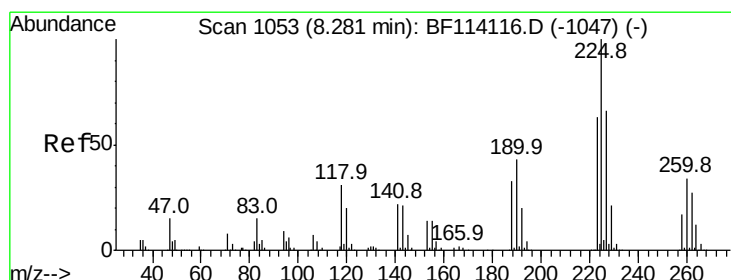
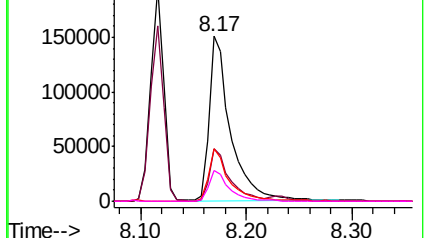
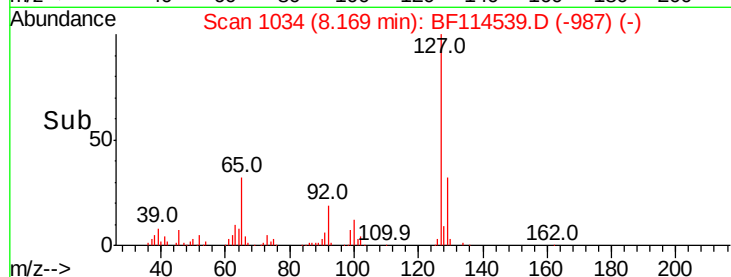


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.820 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

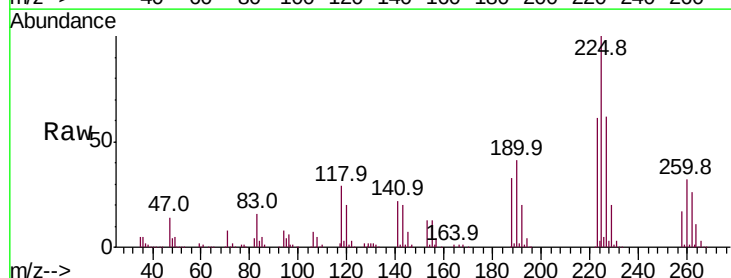
Tgt Ion:225 Resp: 209199

Ion Ratio Lower Upper

225 100

223 61.4 50.2 75.2

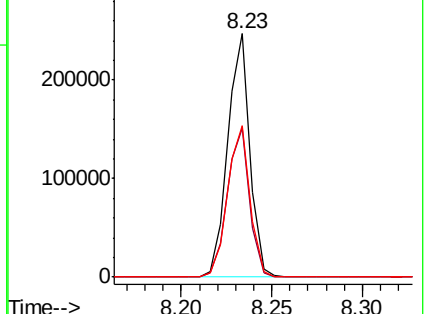
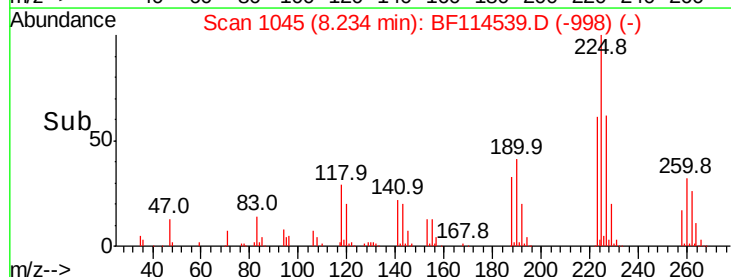
227 62.2 52.6 79.0

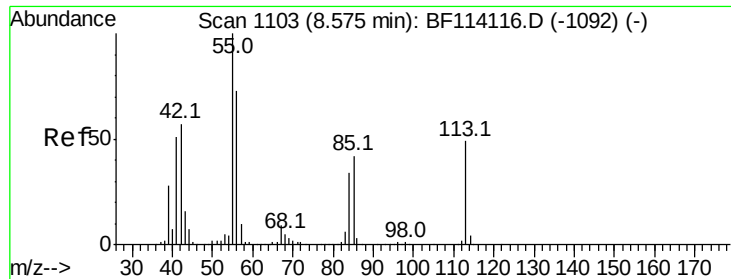


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

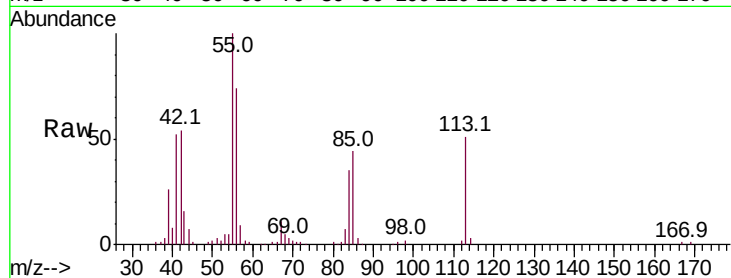




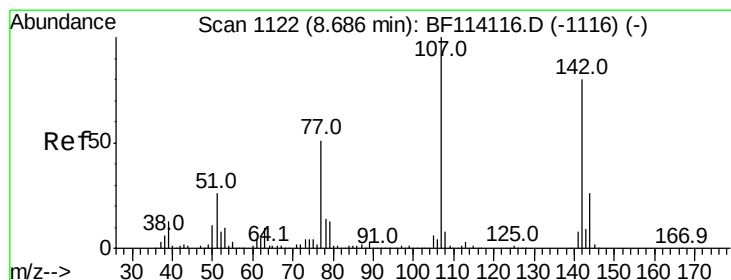
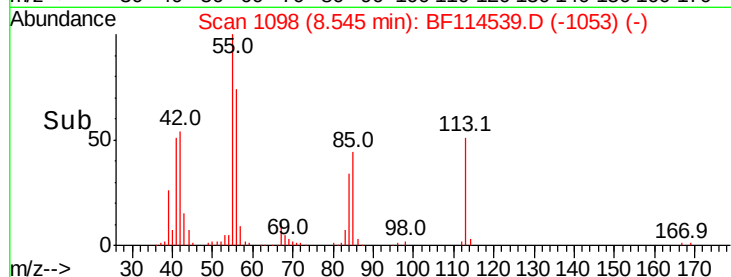
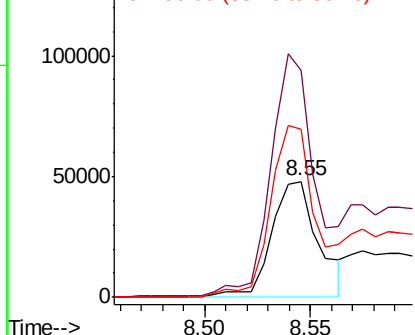
#35
 Caprolactam
 Concen: 25.751 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:113 Resp: 73735
 Ion Ratio Lower Upper
 113 100
 55 195.0 183.5 223.5
 56 144.4 128.8 168.8

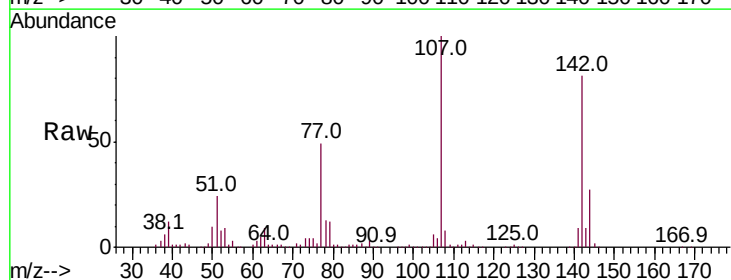


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

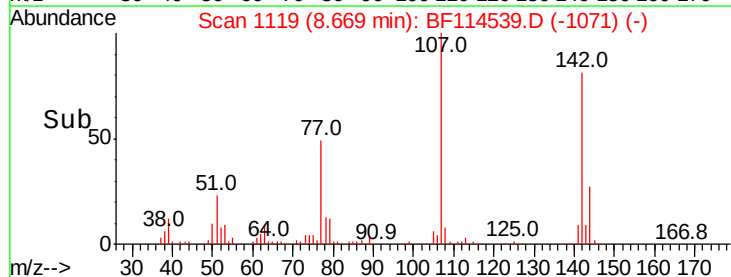
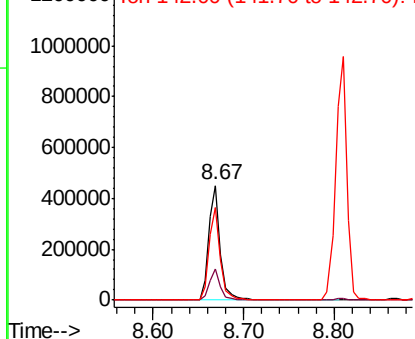


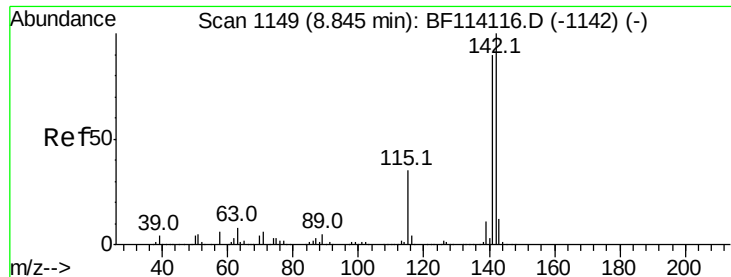
#36
 4-Chloro-3-methylphenol
 Concen: 45.646 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:107 Resp: 403470
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.4 30.6
 142 81.3 64.2 96.4



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

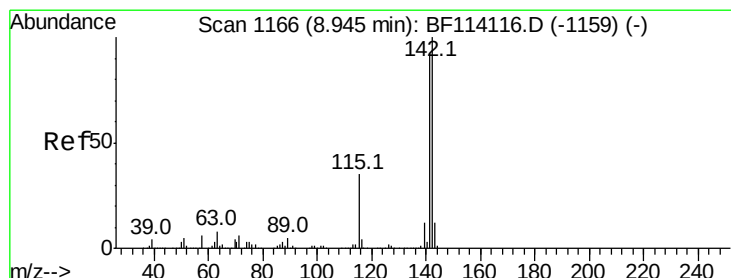
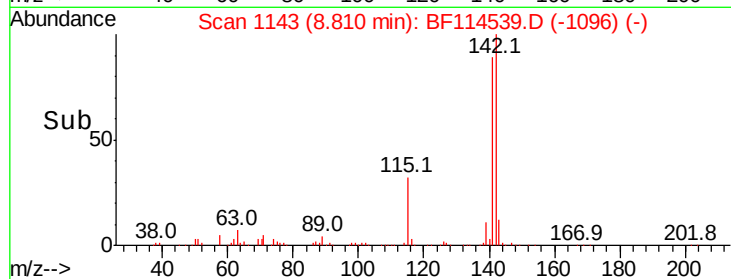
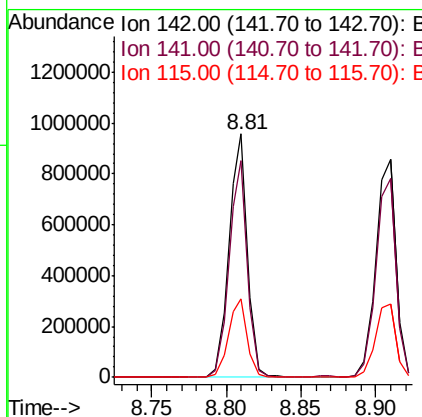
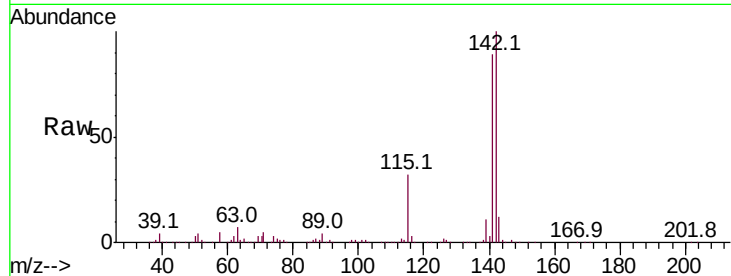




#37
 2-Methylnaphthalene
 Concen: 43.599 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

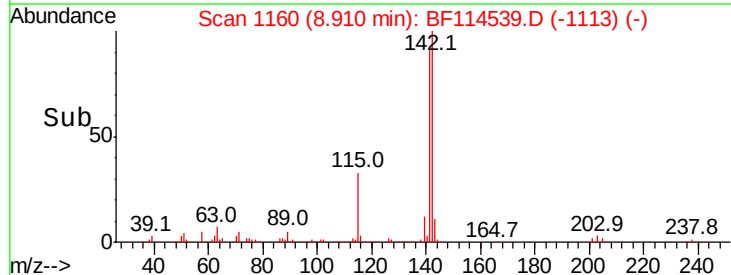
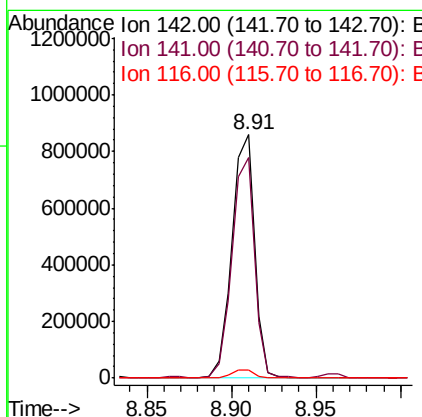
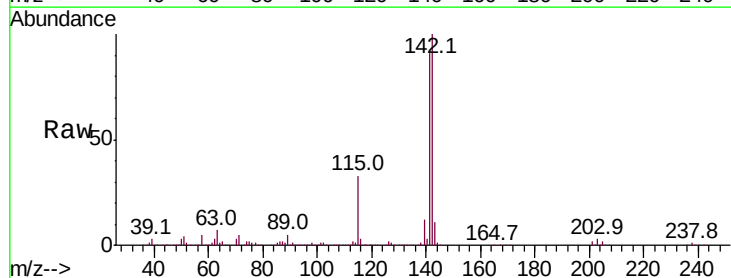
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

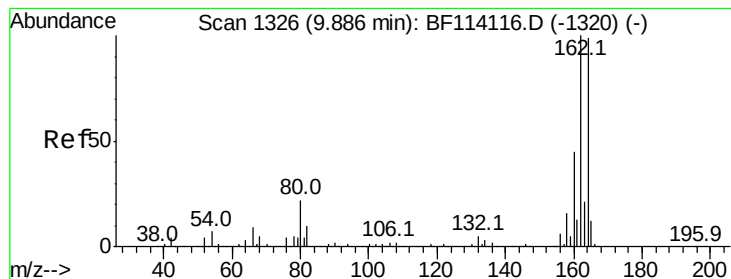
Tot Ion:142 Resp: 837924
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.1 108.1
 115 32.2 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 43.906 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:142 Resp: 794645
 Ion Ratio Lower Upper
 142 100
 141 90.7 73.4 110.0
 116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

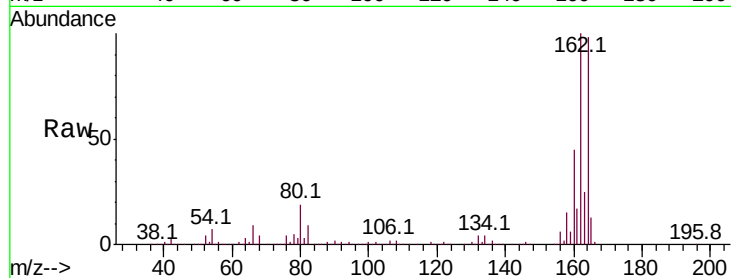
Tot Ion:164 Resp: 320950

Ion Ratio Lower Upper

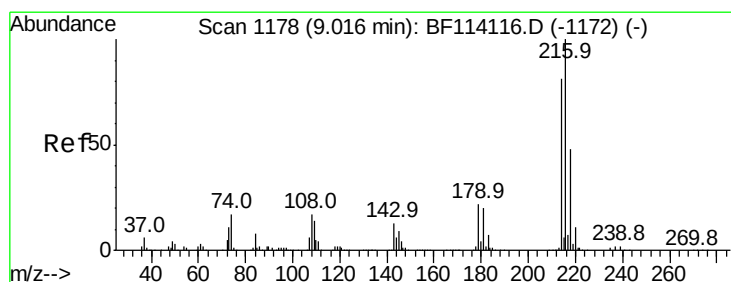
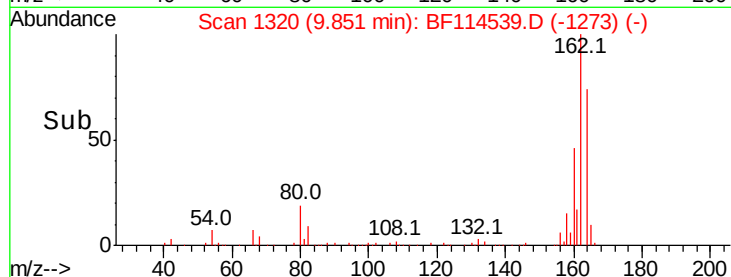
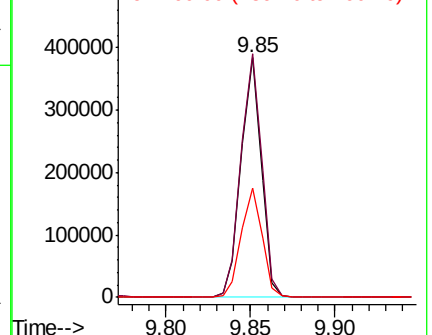
164 100

162 101.6 80.6 120.8

160 45.8 36.5 54.7



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.118 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Tgt Ion:216 Resp: 380313

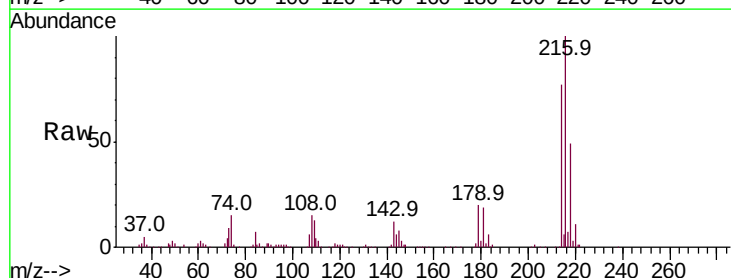
Ion Ratio Lower Upper

216 100

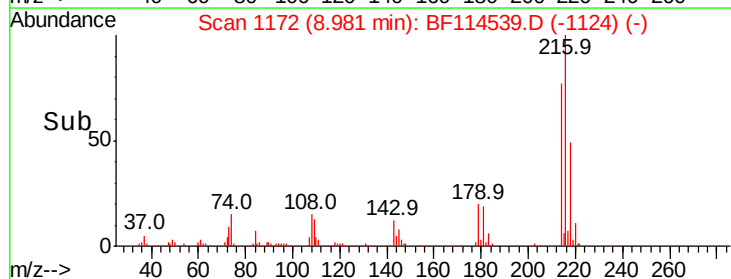
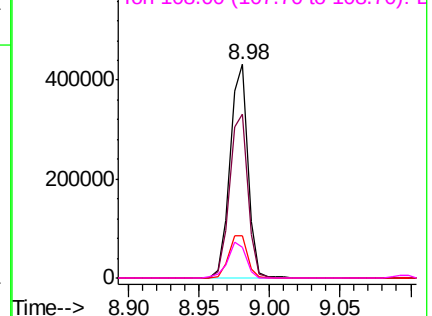
214 79.1 63.9 95.9

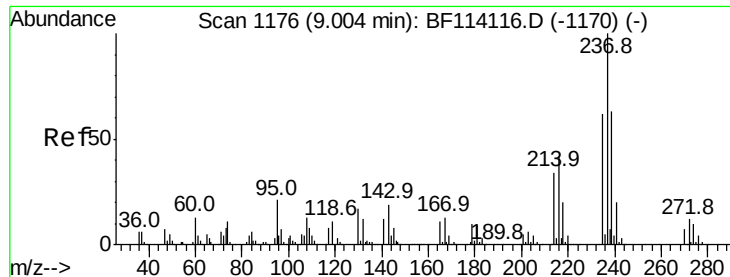
179 20.8 17.0 25.6

108 17.8 14.8 22.2



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

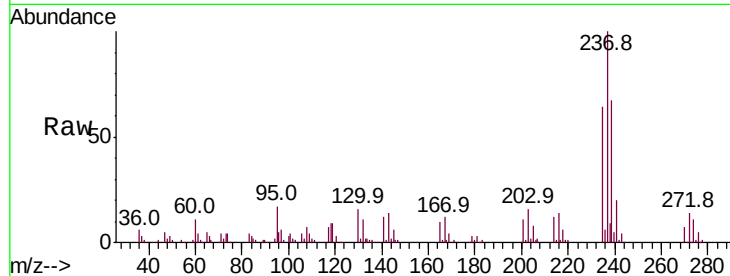




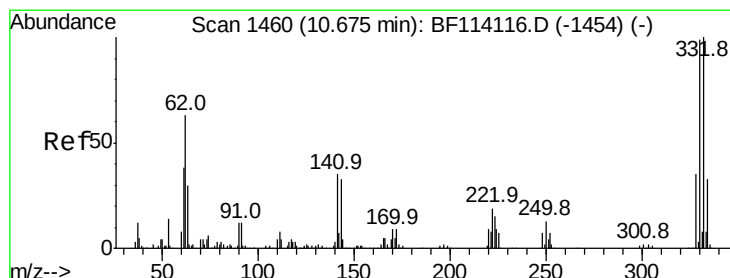
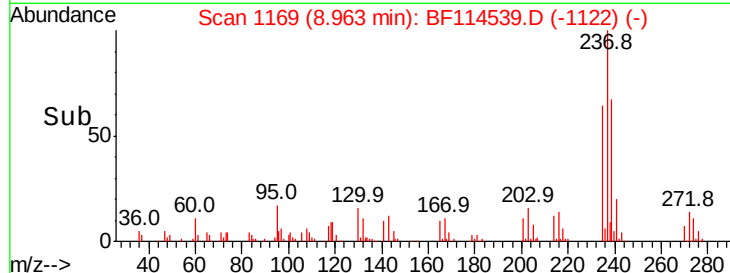
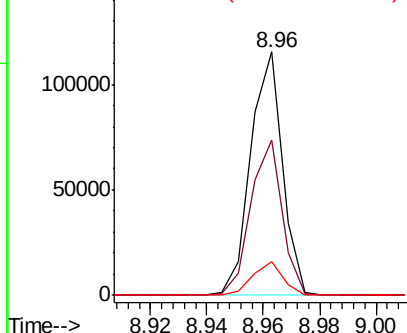
#41
Hexachlorocyclopentadiene
Concen: 23.164 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:237 Resp: 90208
Ion Ratio Lower Upper
237 100
235 63.7 42.0 82.0
272 13.6 0.0 32.4

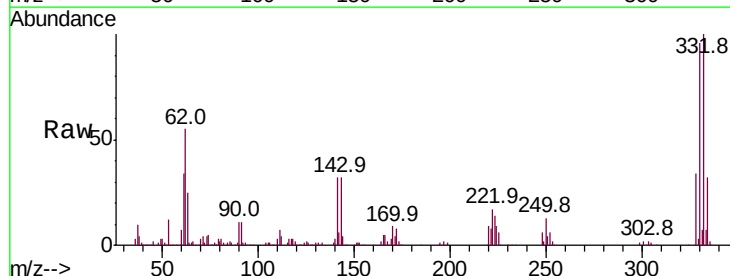


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

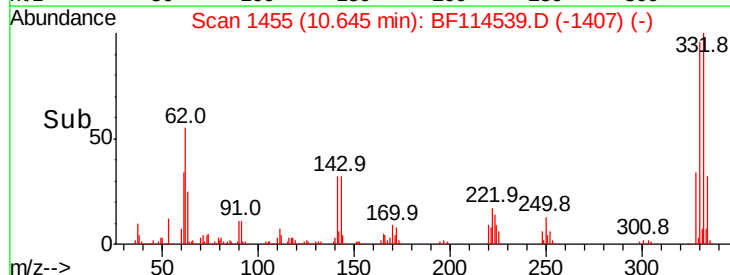
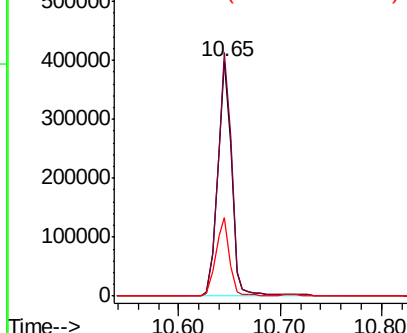


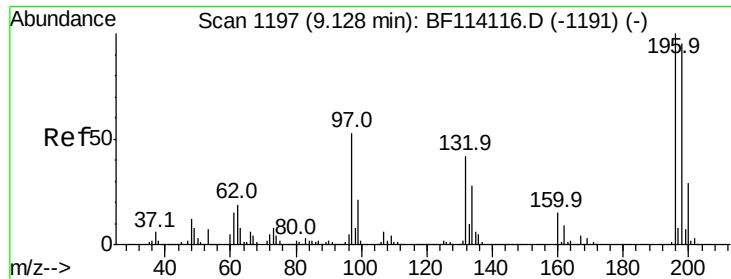
#42
2,4,6-Tribromophenol
Concen: 115.041 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:330 Resp: 381715
Ion Ratio Lower Upper
330 100
332 102.9 81.4 122.2
141 33.0 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

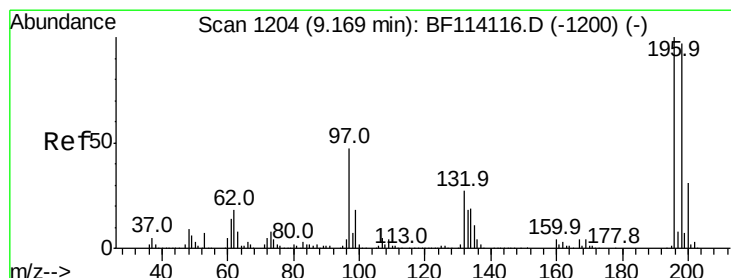
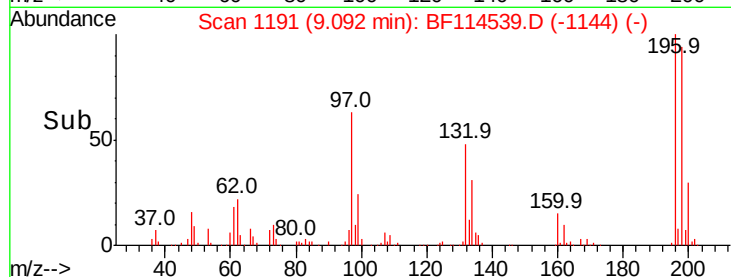
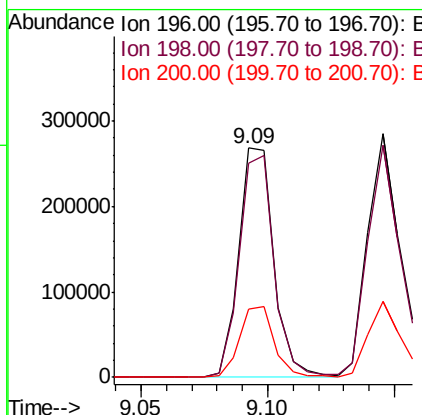
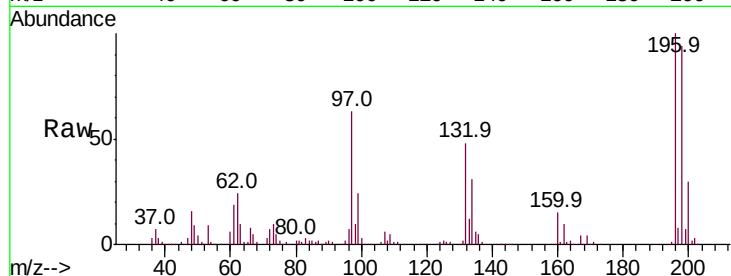




#43
 2,4,6-Trichlorophenol
 Concen: 38.663 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

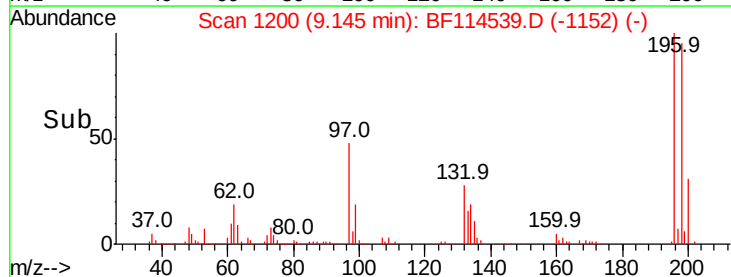
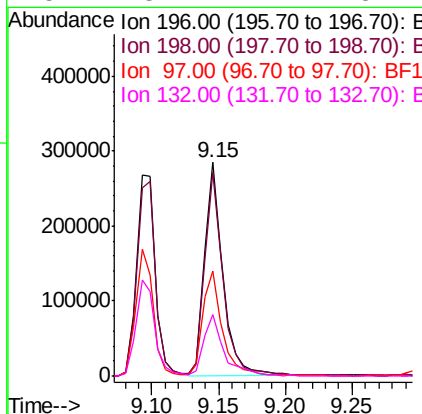
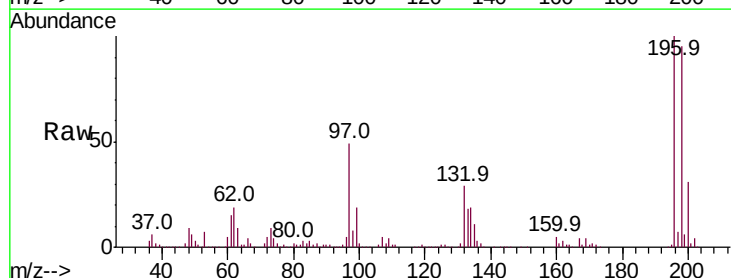
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

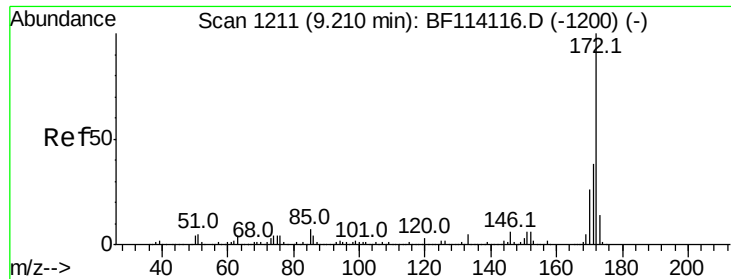
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.9	113.9
200	29.9	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.835 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.7	116.5
97	49.3	38.2	57.2
132	28.7	21.4	32.2

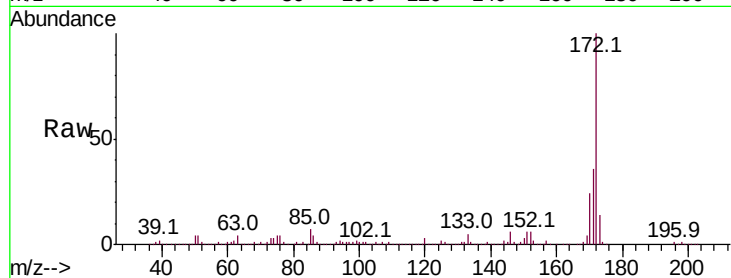




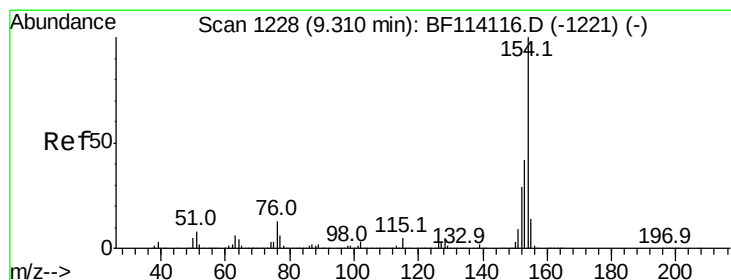
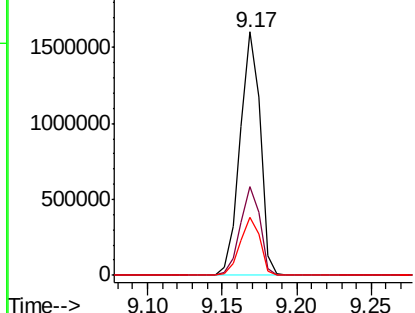
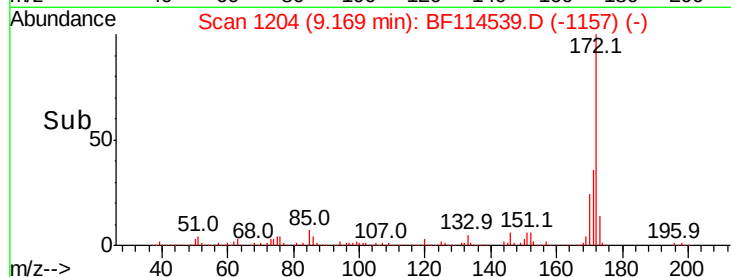
#45
 2-Fluorobiphenyl
 Concen: 71.194 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:172 Resp: 1510560
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.7 46.1
 170 24.0 20.5 30.7

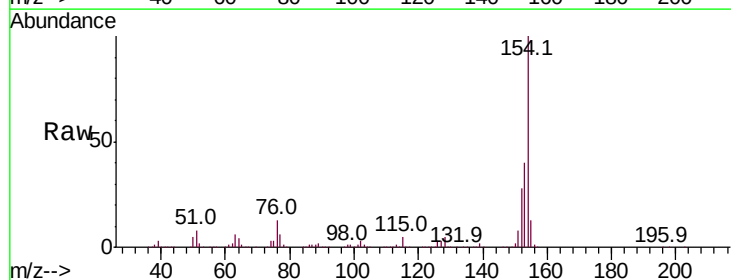


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

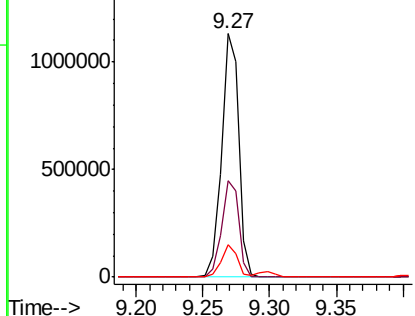
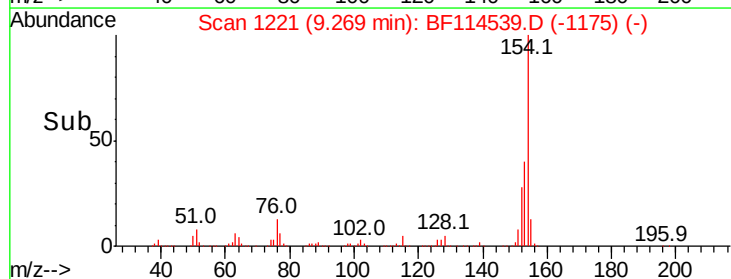


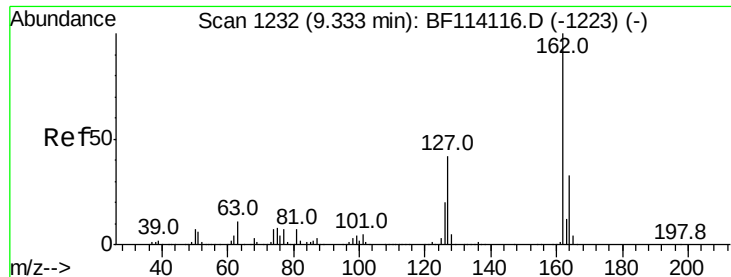
#46
 1,1'-Biphenyl
 Concen: 39.599 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.03 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:154 Resp: 1026745
 Ion Ratio Lower Upper
 154 100
 153 39.8 21.9 61.9
 76 13.1 0.0 32.8



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

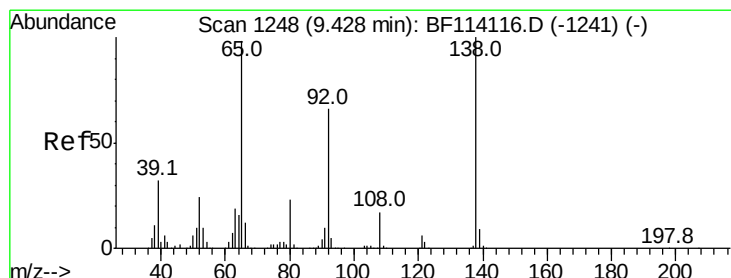
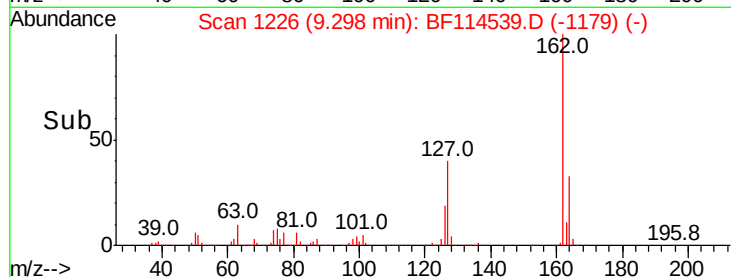
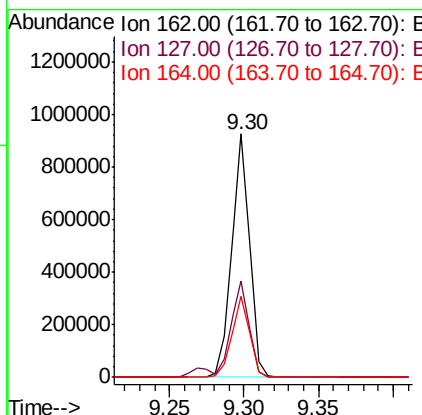
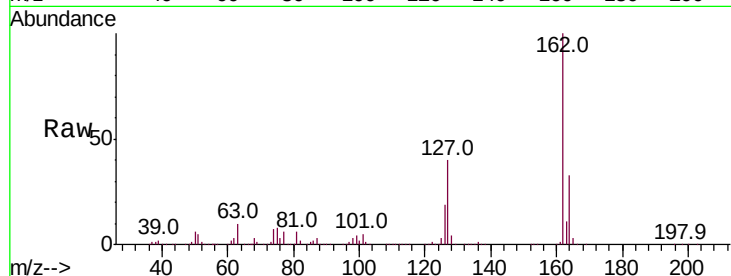




#47
 2-Chloronaphthalene
 Concen: 37.791 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

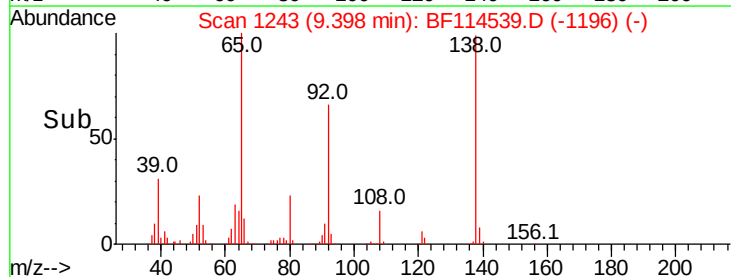
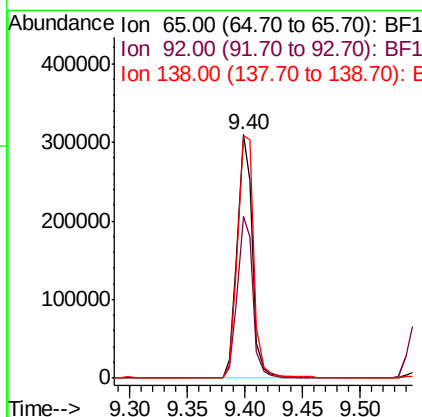
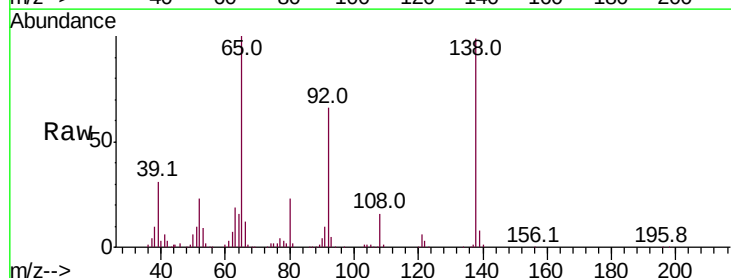
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

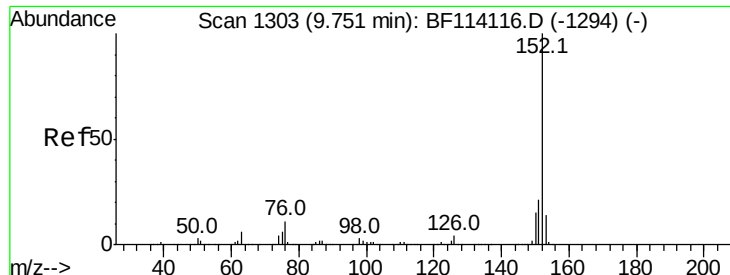
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.0	51.0
164	33.1	26.7	40.1



#48
 2-Nitroaniline
 Concen: 38.295 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.9	80.9
138	99.5	81.4	122.0





#49

Acenaphthylene

Concen: 39.883 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

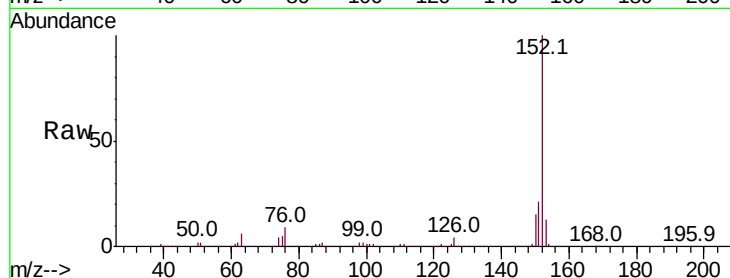
Tot Ion:152 Resp: 1265792

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

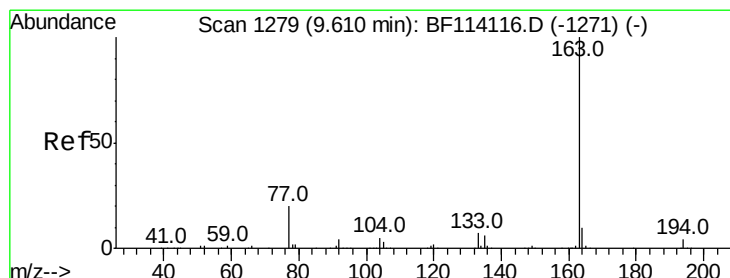
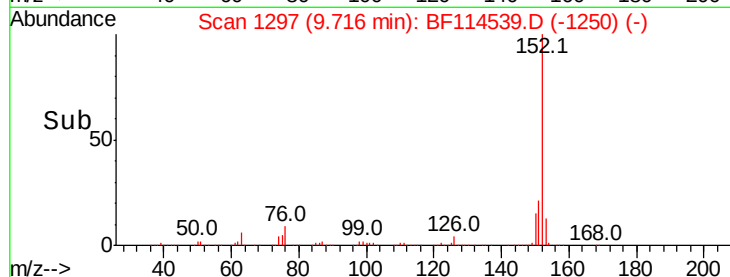
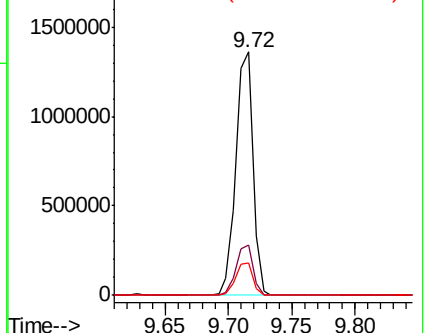
153 13.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.071 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

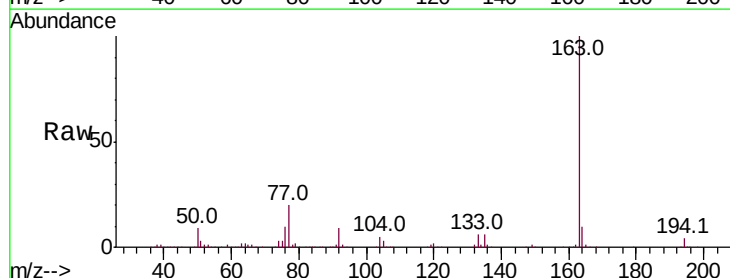
Tgt Ion:163 Resp: 1085477

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

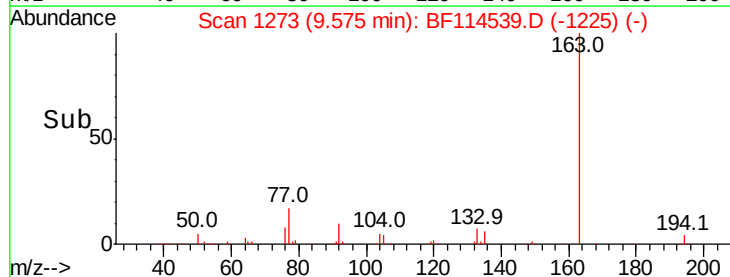
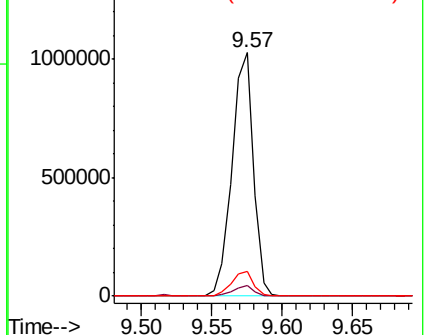
164 10.1 8.2 12.2

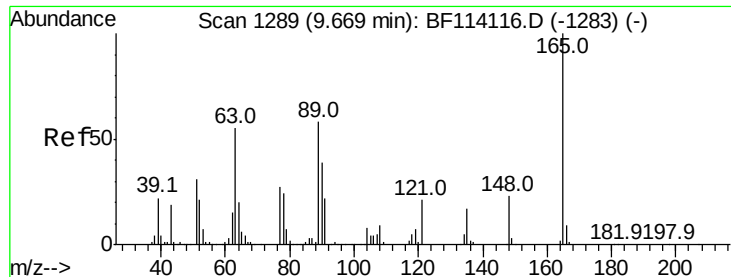


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.493 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

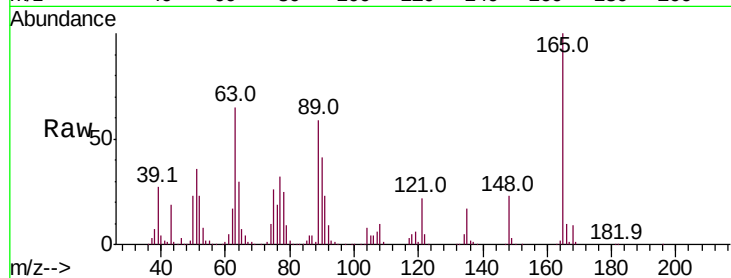
Tot Ion:165 Resp: 216833

Ion Ratio Lower Upper

165 100

63 65.4 50.2 75.4

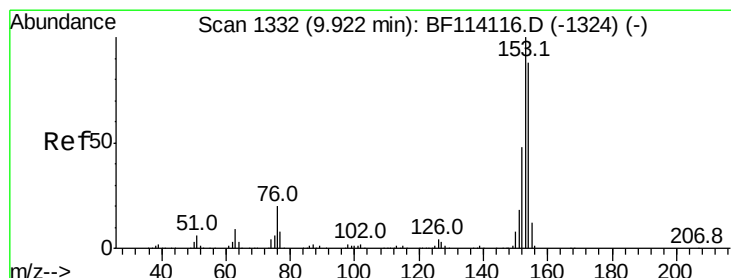
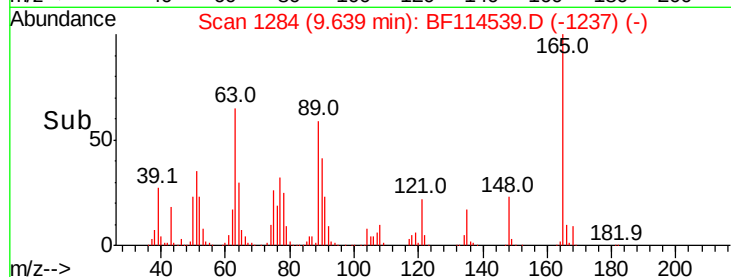
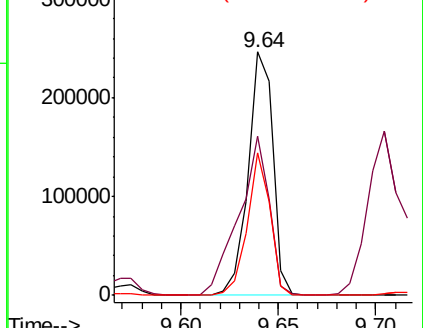
89 58.6 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.640 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

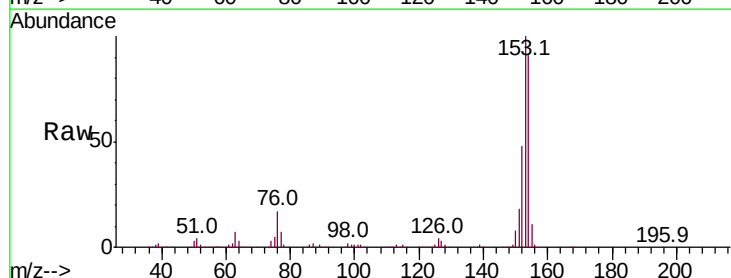
Tgt Ion:154 Resp: 752526

Ion Ratio Lower Upper

154 100

153 109.6 90.5 135.7

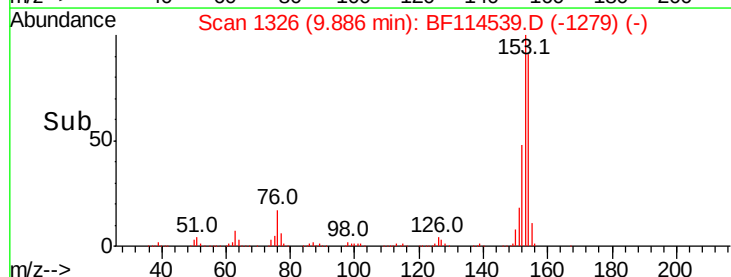
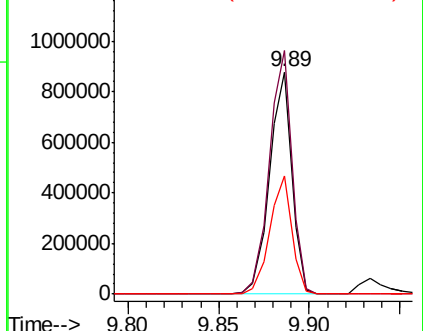
152 53.1 43.4 65.2

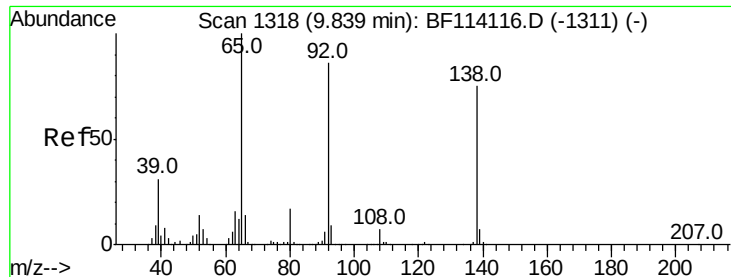


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.916 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

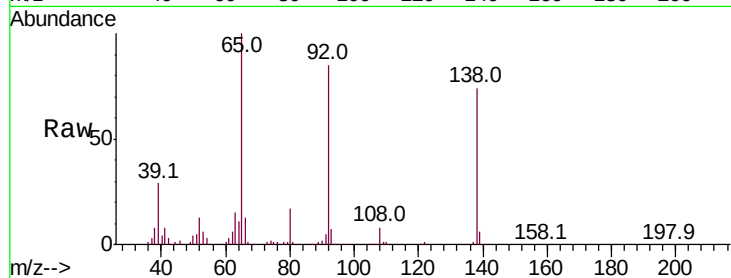
Tot Ion:138 Resp: 161630

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

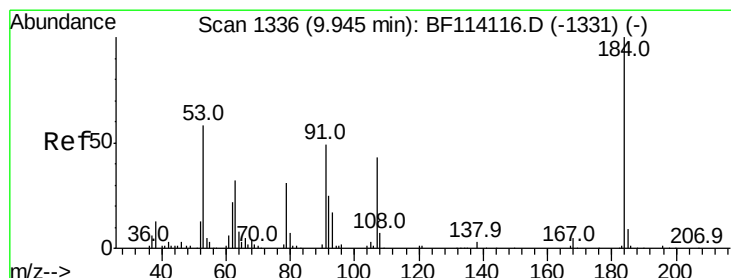
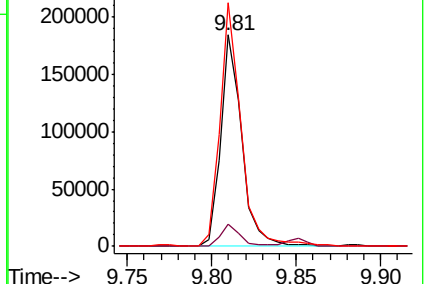
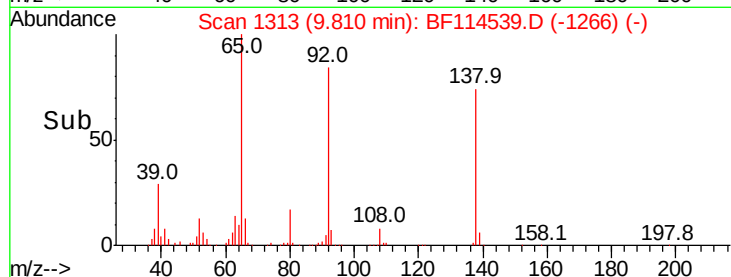
92 115.1 91.2 136.8



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: 49.403 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

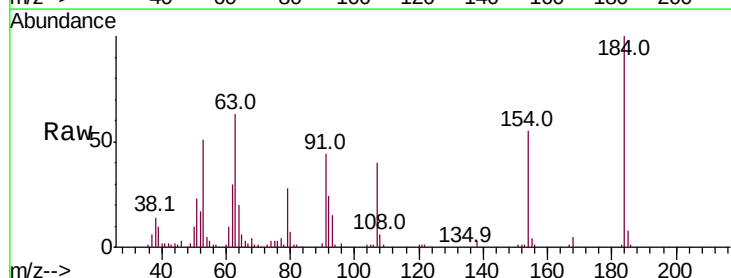
Tgt Ion:184 Resp: 122412

Ion Ratio Lower Upper

184 100

63 62.6 55.6 83.4

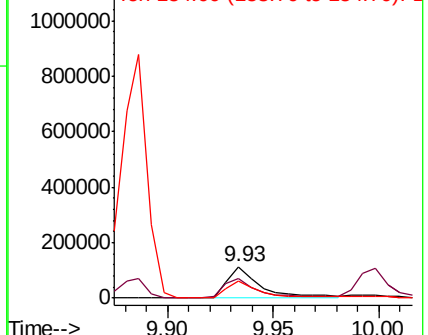
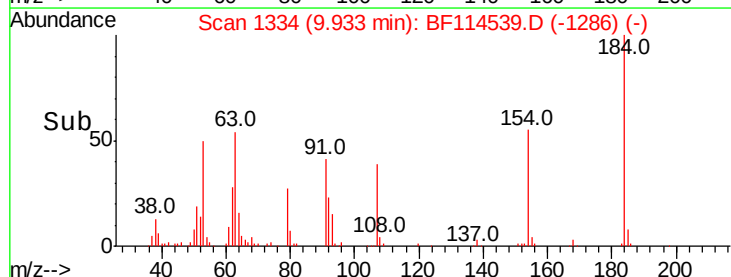
154 54.7 46.0 69.0

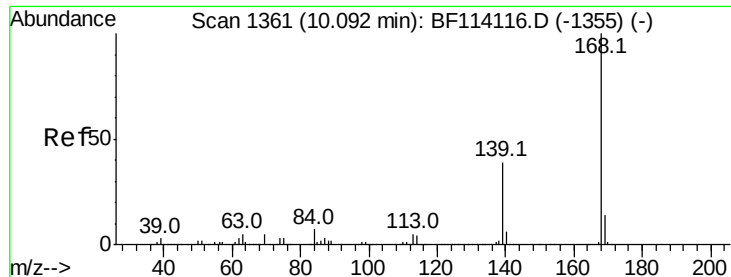


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

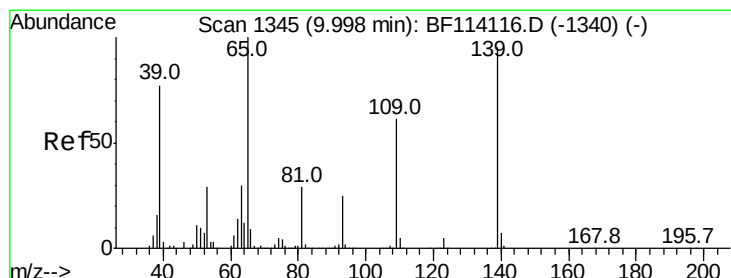
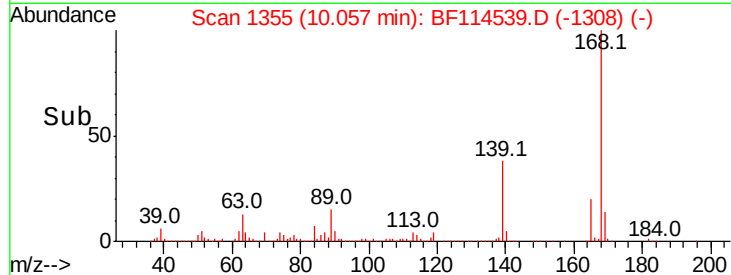
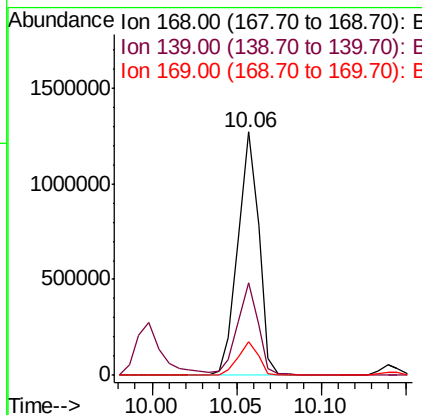
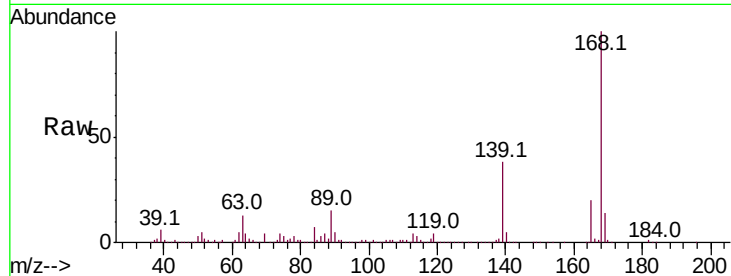




#55
Dibenzofuran
Concen: 38.179 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

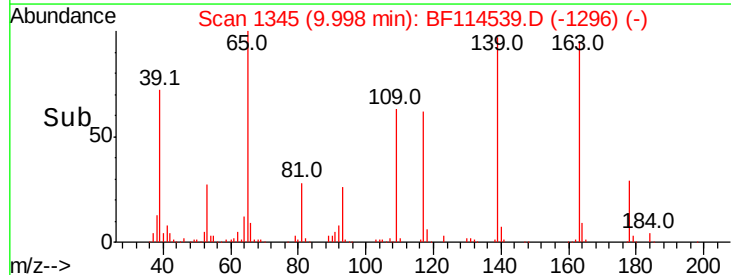
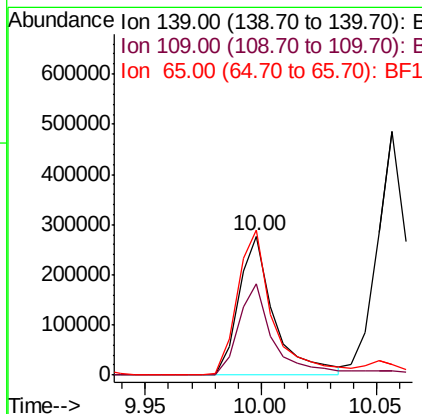
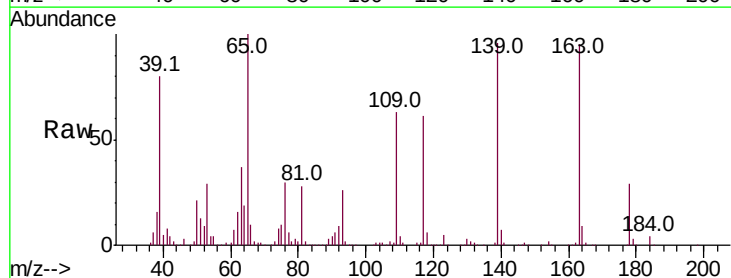
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

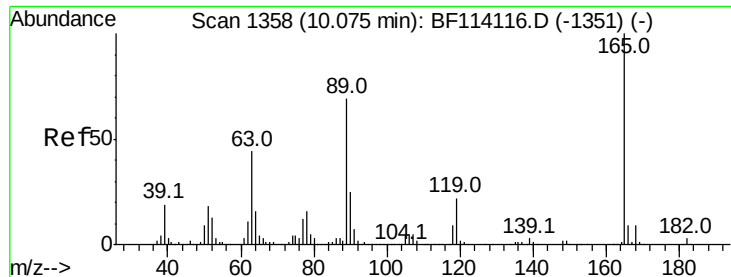
Tot Ion:168 Resp: 1090317
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 64.539 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:139 Resp: 296075
Ion Ratio Lower Upper
139 100
109 66.0 43.9 83.9
65 104.2 85.7 125.7

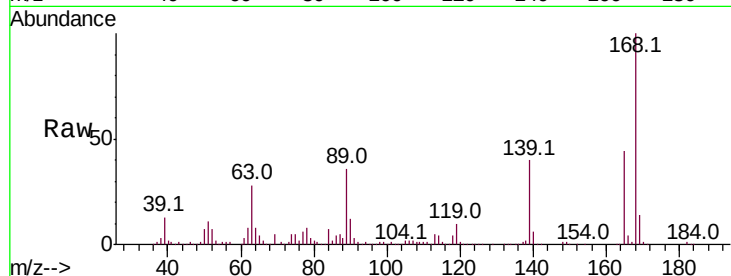




#57
2,4-Dinitrotoluene
Concen: 38.814 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.7	35.5	53.3
89	81.5	55.2	82.8
182	2.6	2.2	3.2



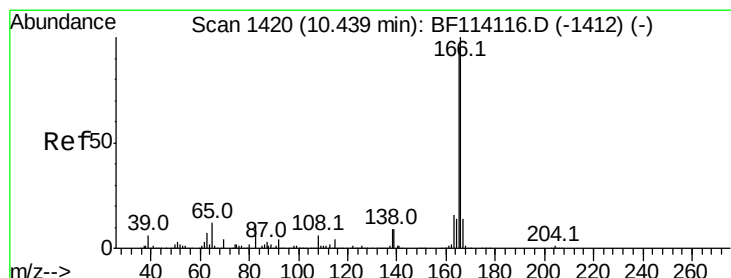
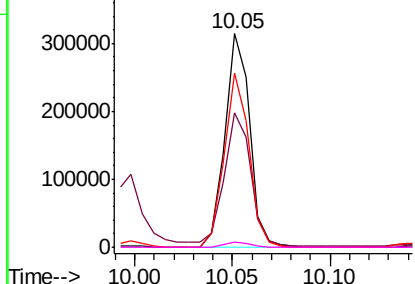
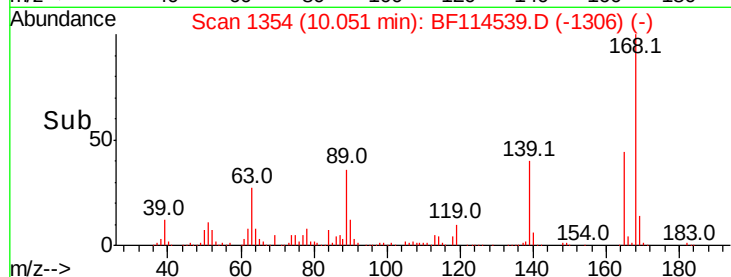
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

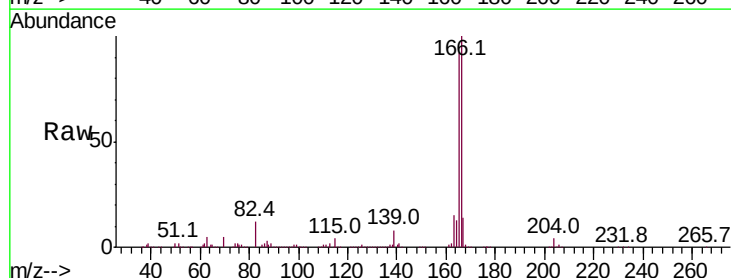
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.370 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.2	76.1	114.1
167	14.0	11.1	16.7

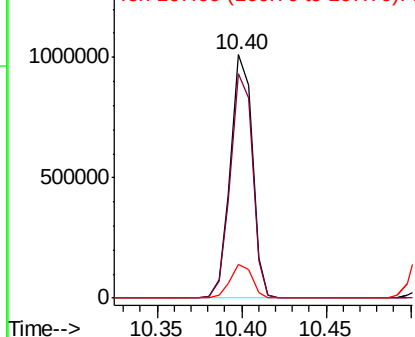
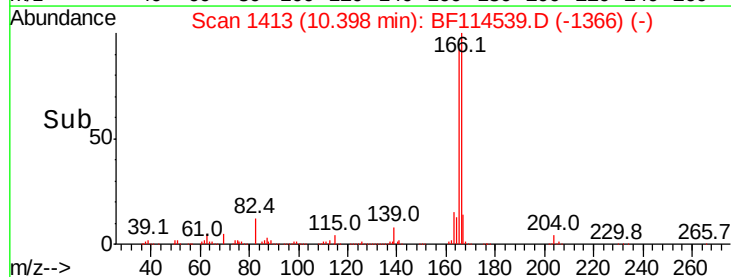


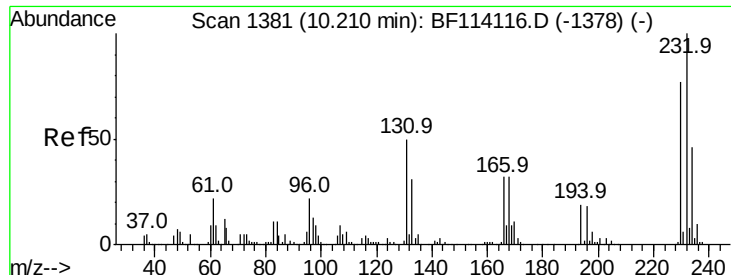
Abundance

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

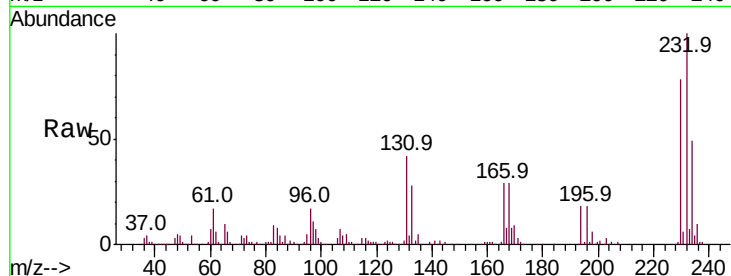




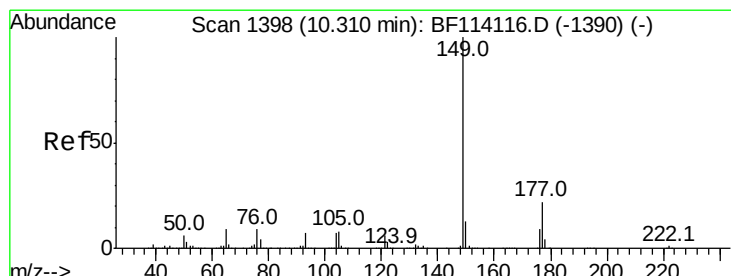
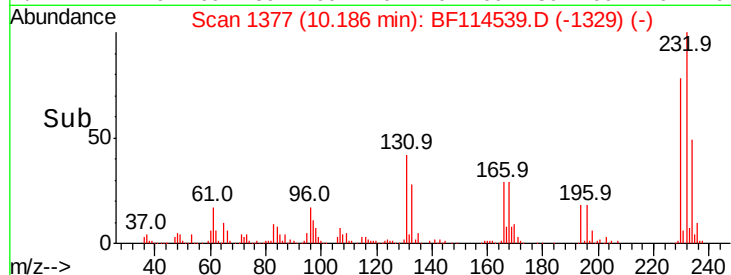
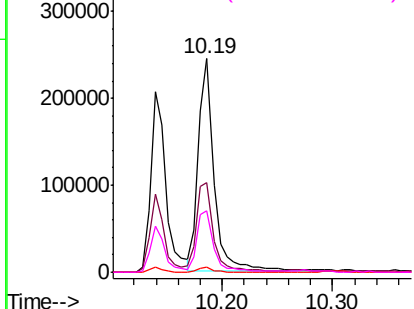
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.161 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:	232	Resp:	237653
Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.6	53.4
130	2.3	1.6	2.4
166	29.9	24.1	36.1

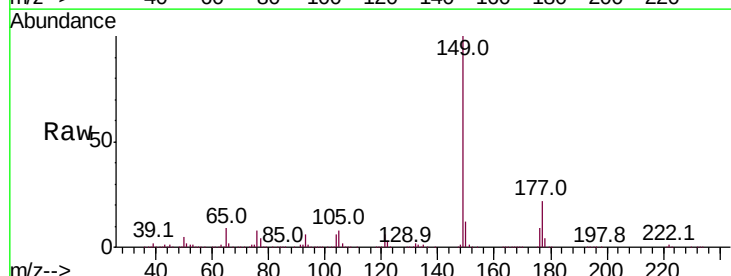


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

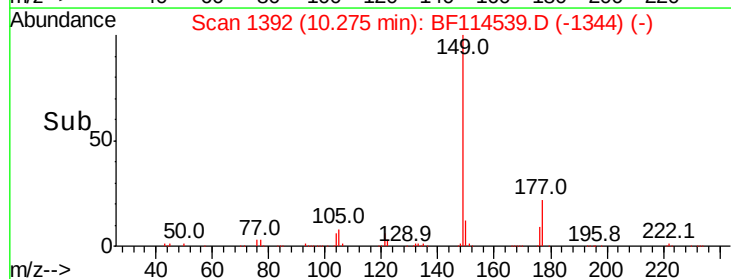
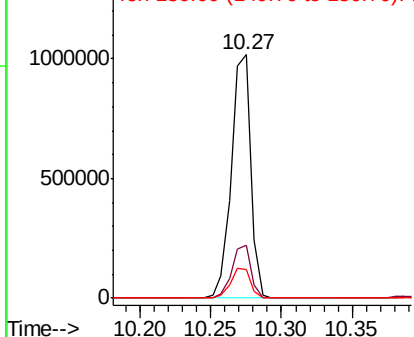


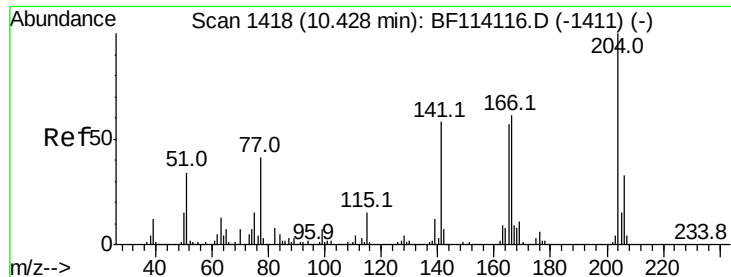
#60
 Diethylphthalate
 Concen: 40.879 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:	149	Resp:	978618
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.0	10.2	15.2



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

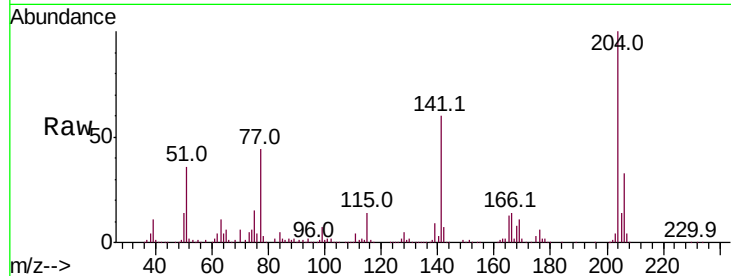




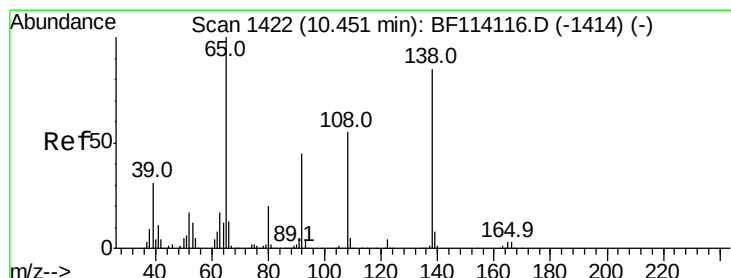
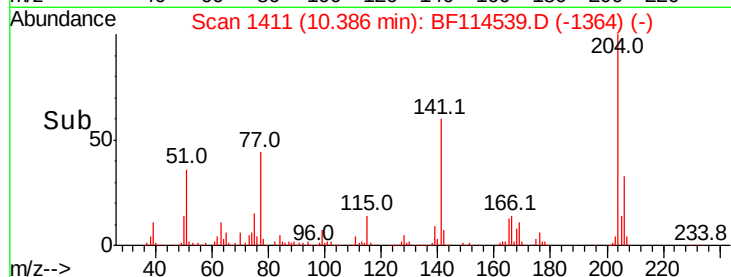
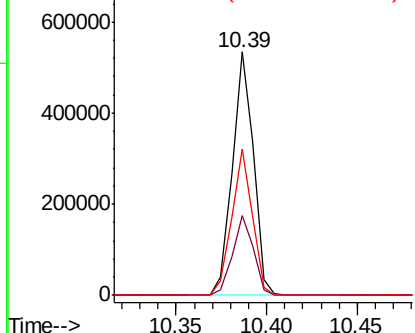
#61
4-Chlorophenyl-phenylether
Concen: 39.961 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	59.9	46.4	69.6

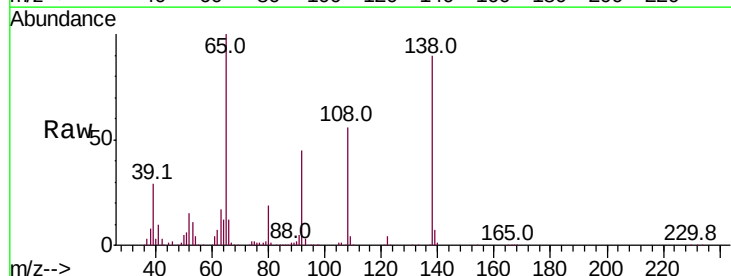


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

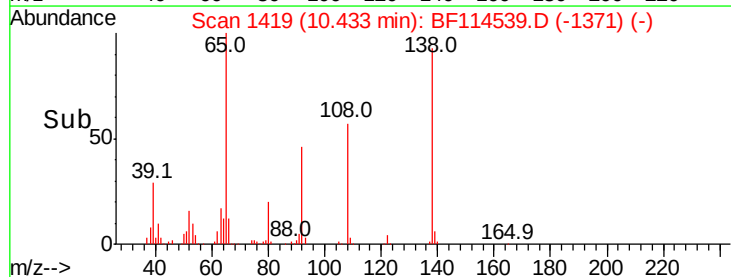
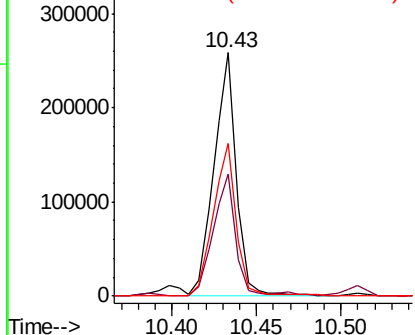


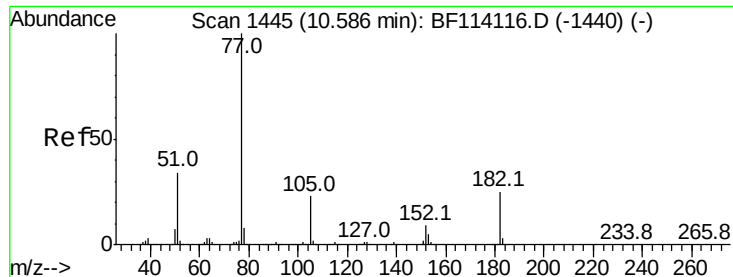
#62
4-Nitroaniline
Concen: 34.810 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	33.0	73.0
108	62.5	44.9	84.9



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: 39.730 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

Tot Ion: 77 Resp: 920616

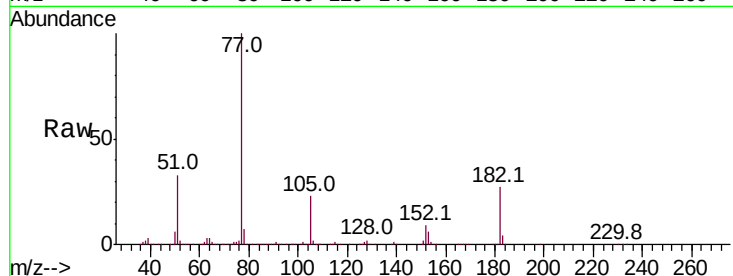
Ion Ratio Lower Upper

77 100

182 26.6 4.7 44.7

105 23.3 2.9 42.9

51 32.6 14.6 54.6

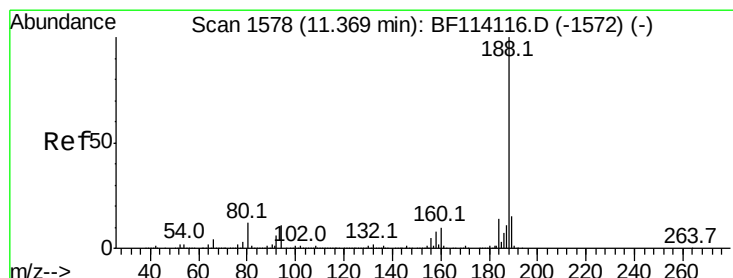
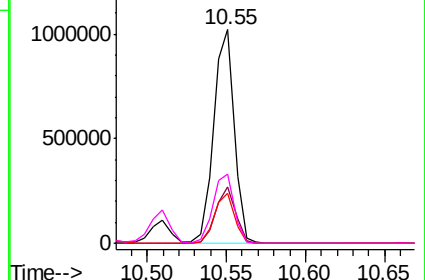
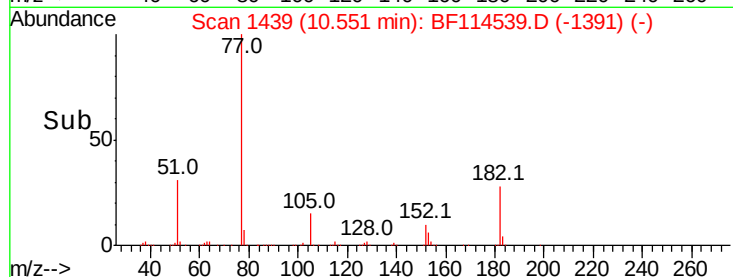


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

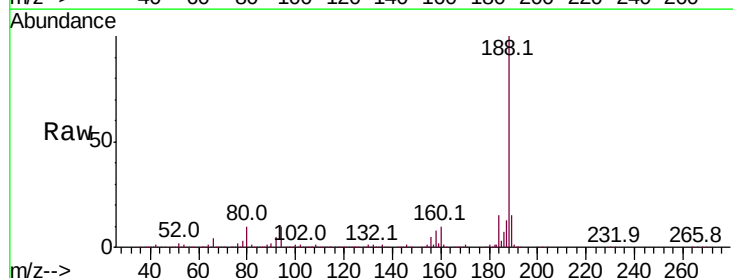
Tgt Ion: 188 Resp: 699805

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

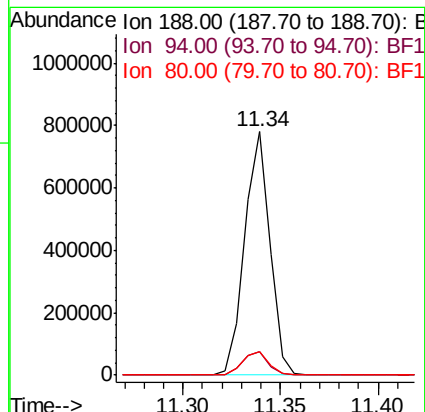
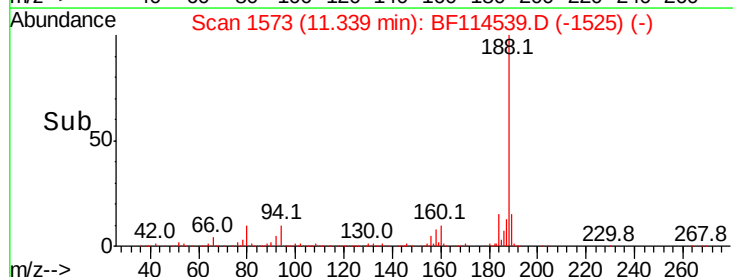
80 9.8 9.2 13.8

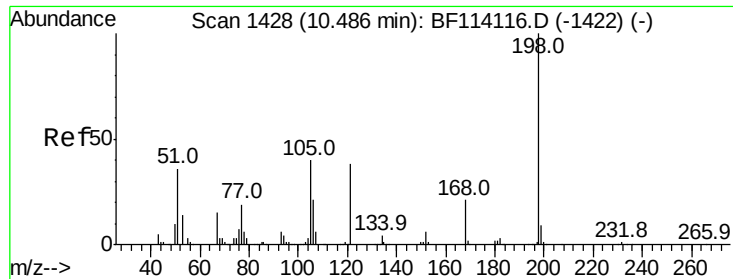


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.894 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

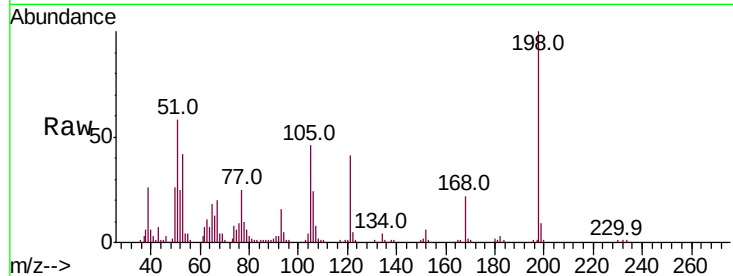
Tot Ion:198 Resp: 127423

Ion Ratio Lower Upper

198 100

51 58.4 28.0 68.0

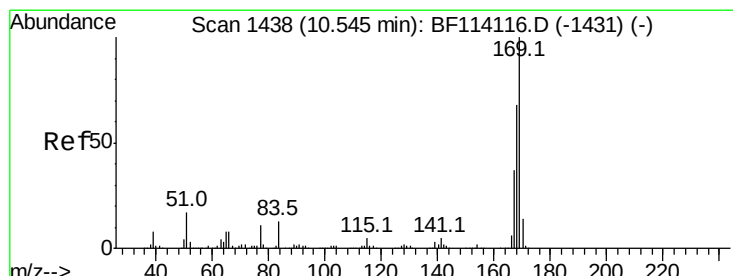
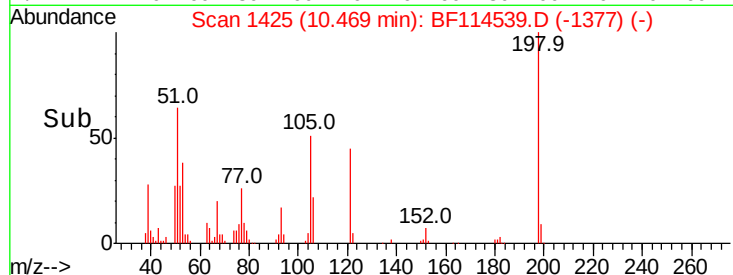
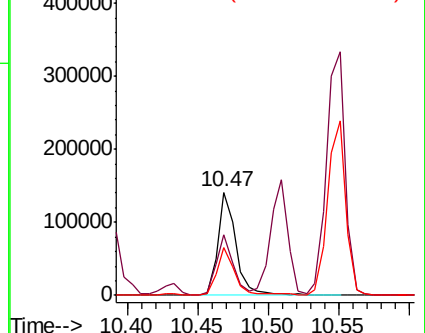
105 46.1 21.1 61.1



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: 39.039 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

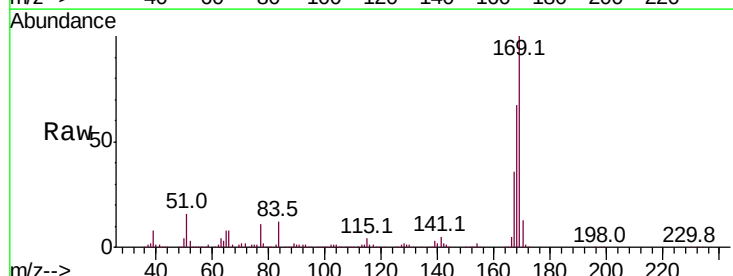
Tgt Ion:169 Resp: 829156

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

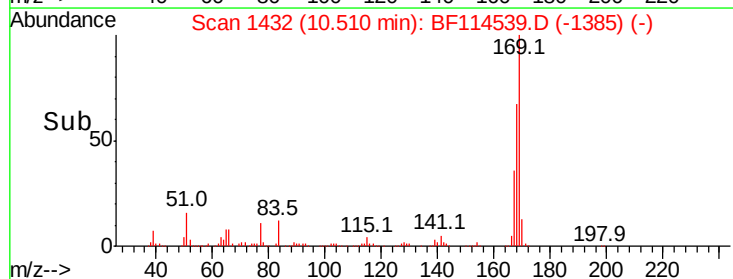
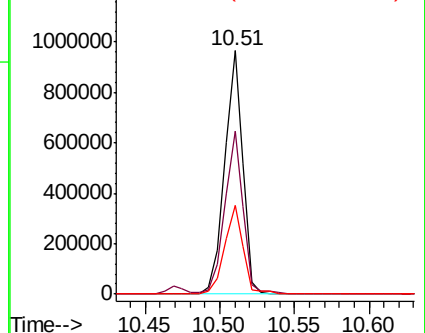
167 36.3 29.8 44.8

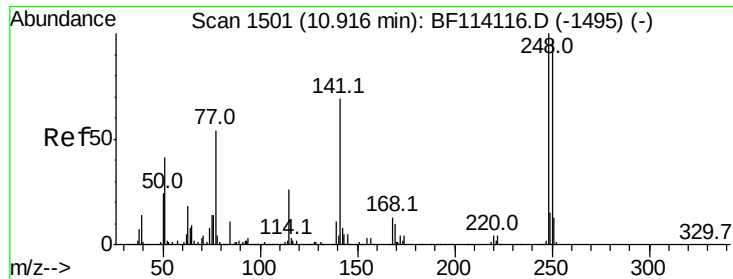


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

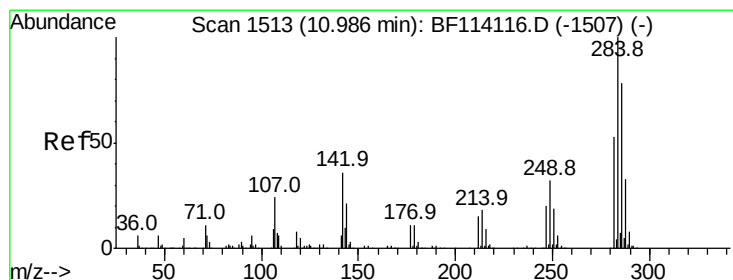
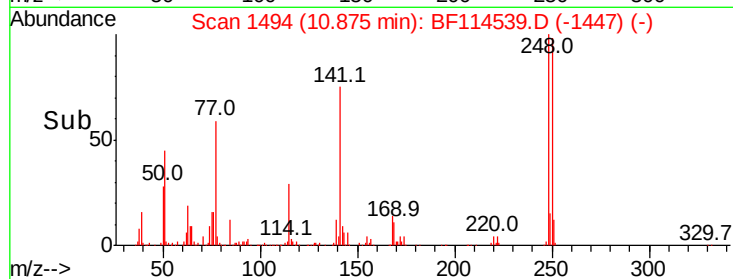
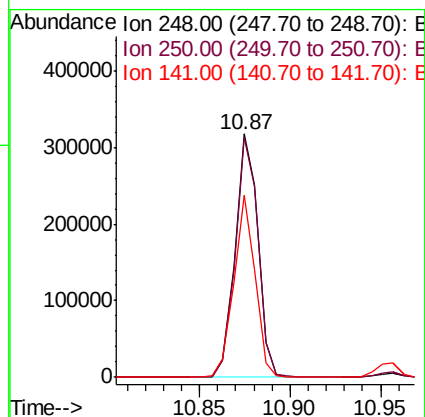
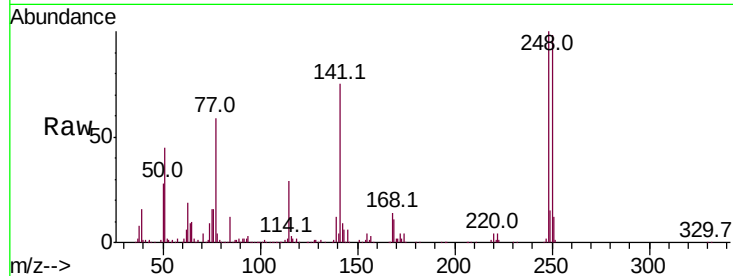




#67
4-Bromophenyl-phenylether
Concen: 36.145 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

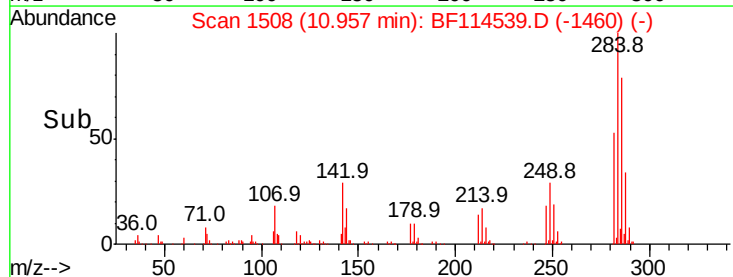
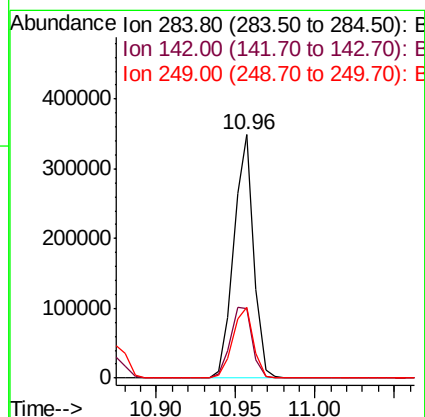
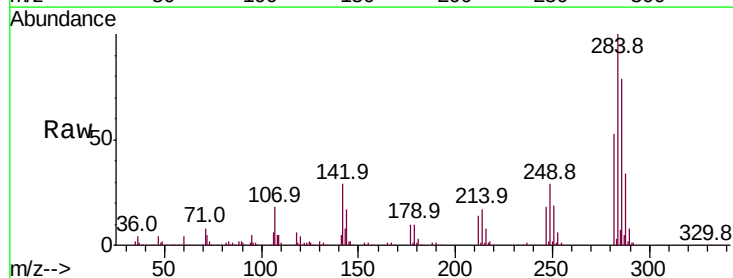
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

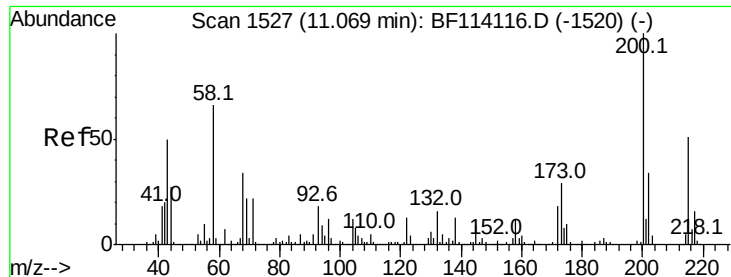
Tot Ion:248 Resp: 278504
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.2
141 74.9 55.6 83.4



#68
Hexachlorobenzene
Concen: 35.435 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:284 Resp: 302043
Ion Ratio Lower Upper
284 100
142 28.8 28.4 42.6
249 29.3 25.2 37.8

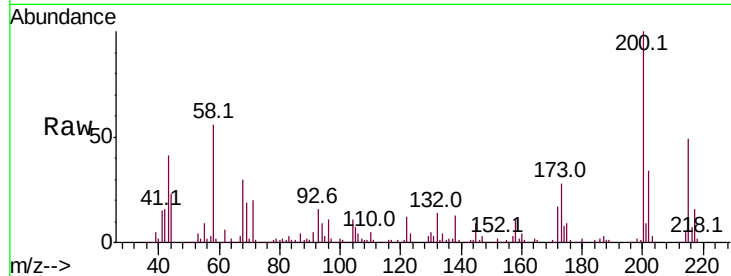




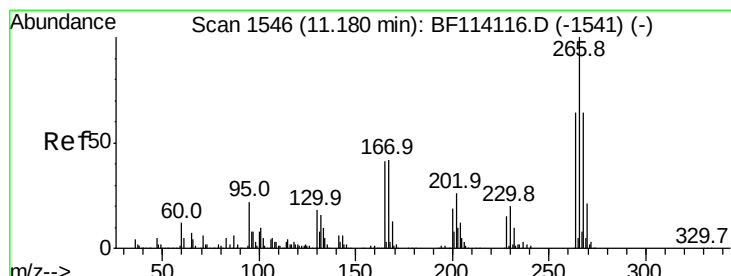
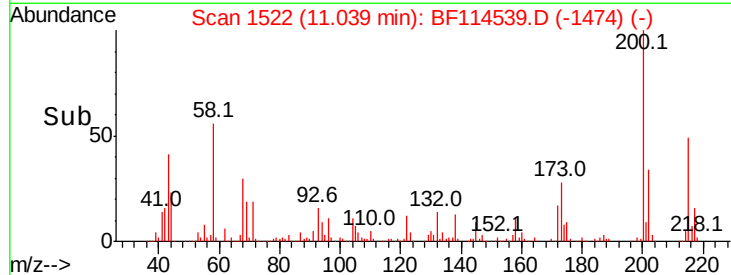
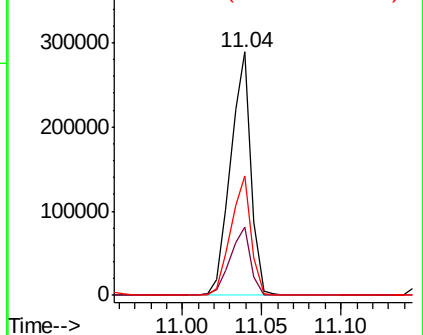
#69
Atrazine
Concen: 39.069 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:200 Resp: 258228
Ion Ratio Lower Upper
200 100
173 27.9 8.9 48.9
215 48.9 30.7 70.7

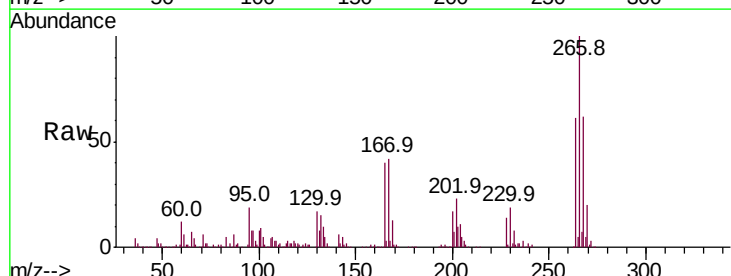


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

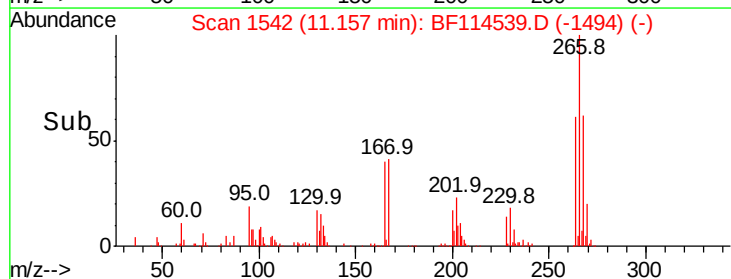
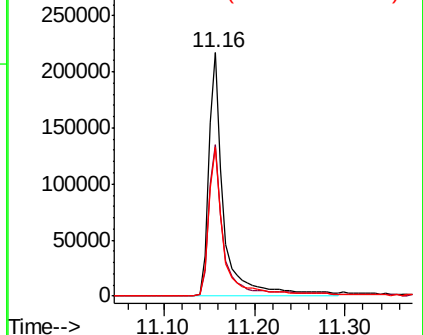


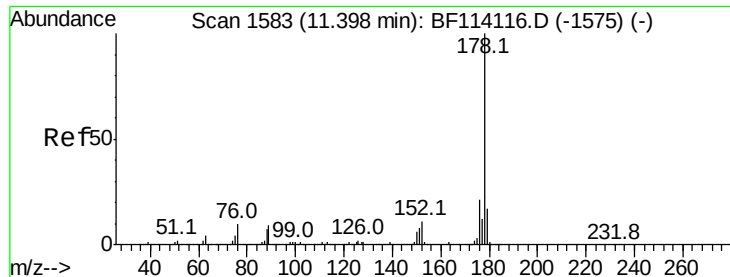
#70
Pentachlorophenol
Concen: 63.233 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:266 Resp: 255507
Ion Ratio Lower Upper
266 100
268 62.2 51.1 76.7
264 61.3 51.1 76.7



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

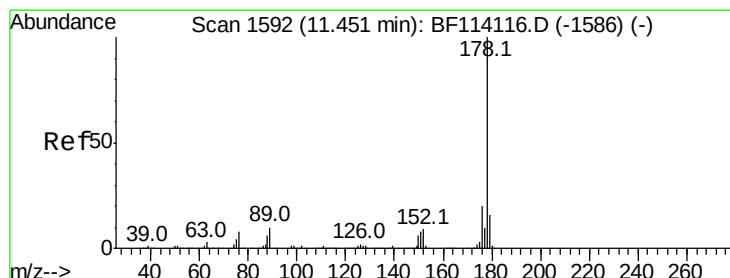
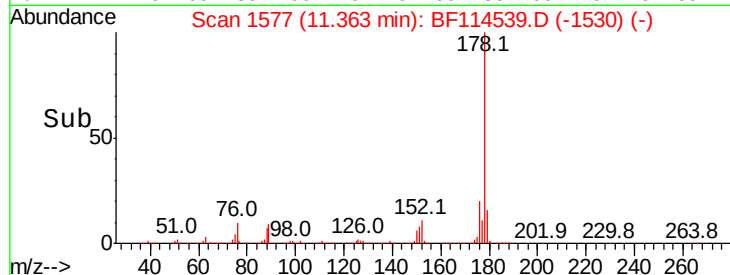
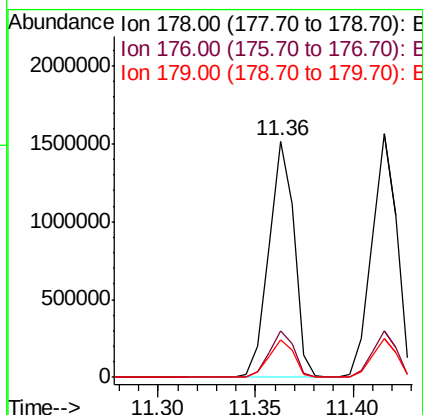
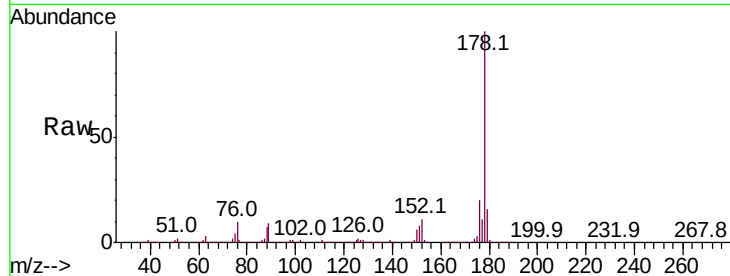




#71
Phenanthrene
Concen: 39.882 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

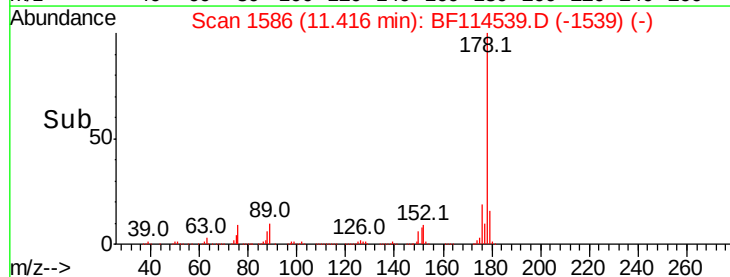
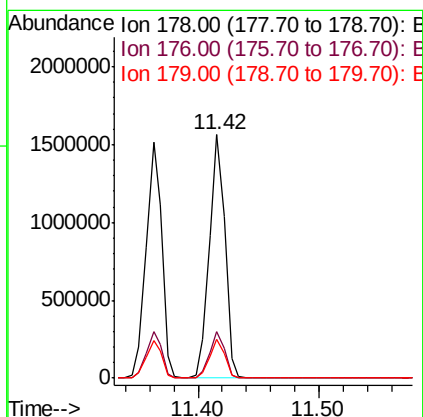
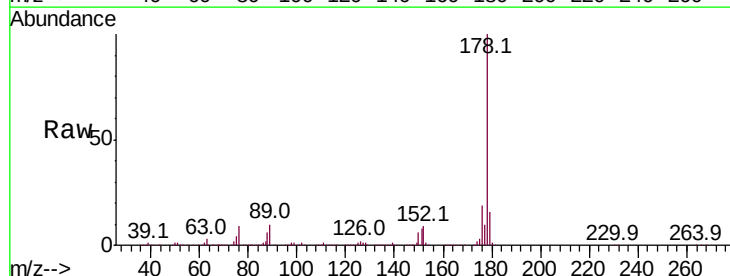
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

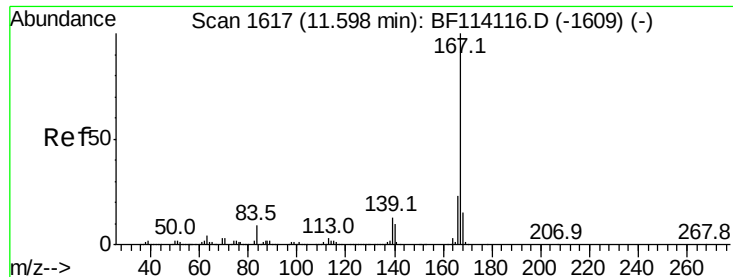
Tot Ion:178 Resp: 1357851
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.8 13.2 19.8



#72
Anthracene
Concen: 40.722 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:178 Resp: 1392568
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.9 13.0 19.4





#73

Carbazole

Concen: 41.961 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

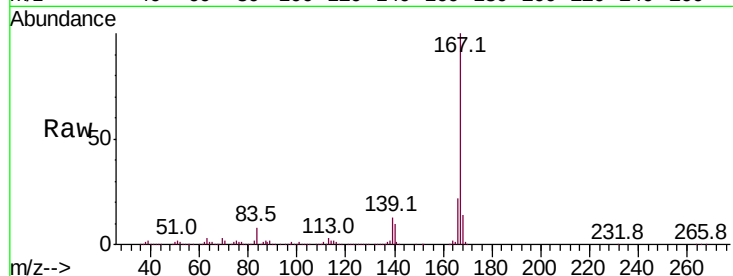
Tot Ion:167 Resp: 1368342

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

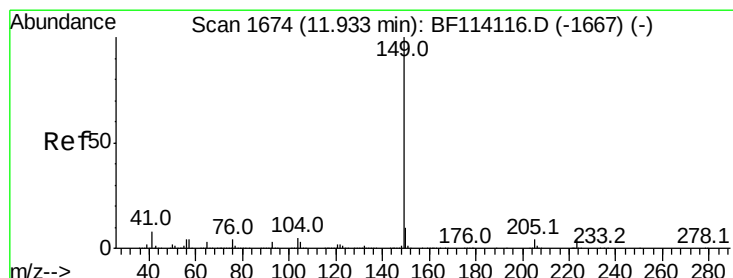
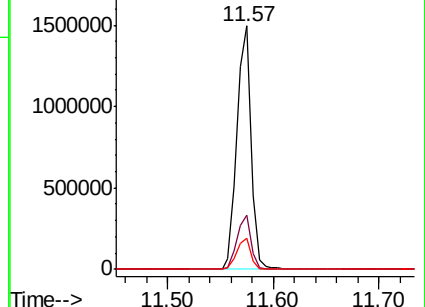
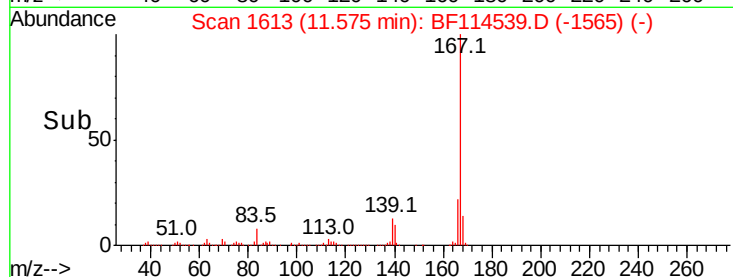
139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.875 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

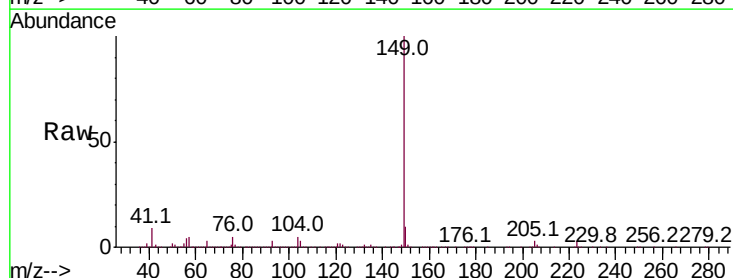
Tgt Ion:149 Resp: 1573190

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

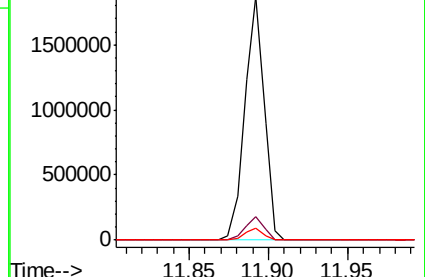
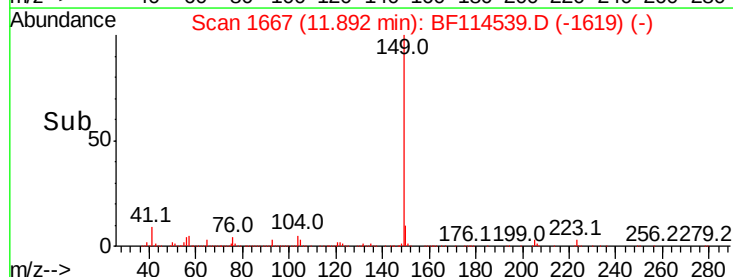
104 4.7 3.6 5.4

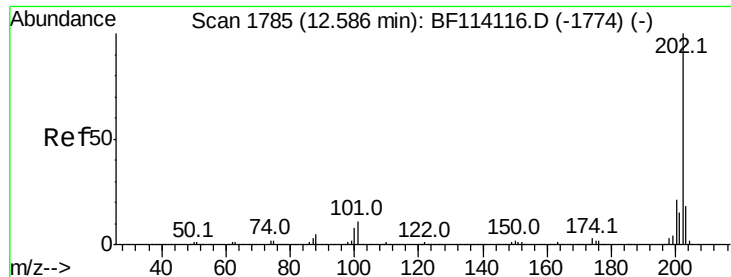


Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

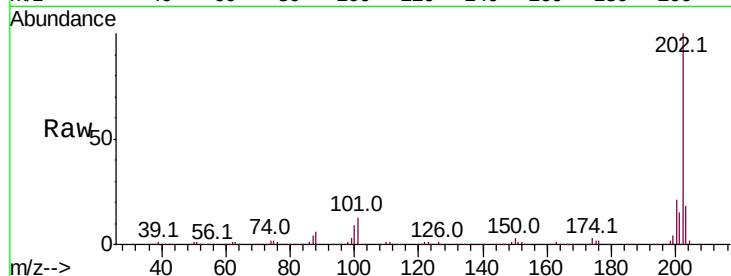




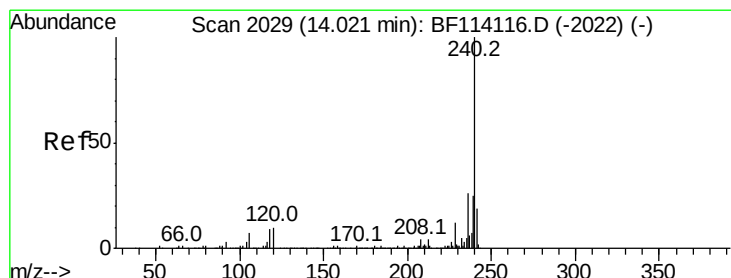
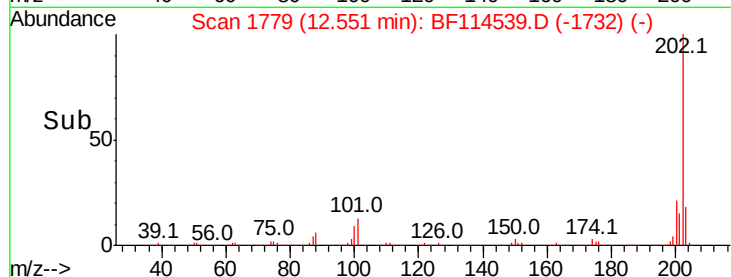
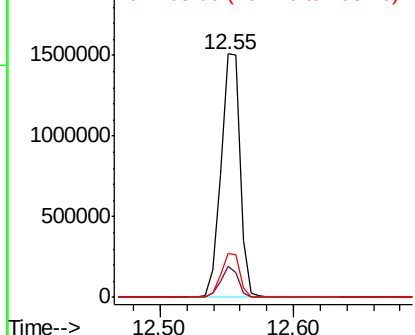
#75
 Fluoranthene
 Concen: 41.861 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:202 Resp: 1534779
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.0
 203 18.3 0.0 38.4

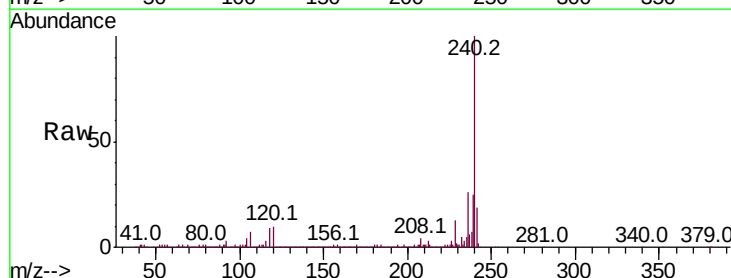


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

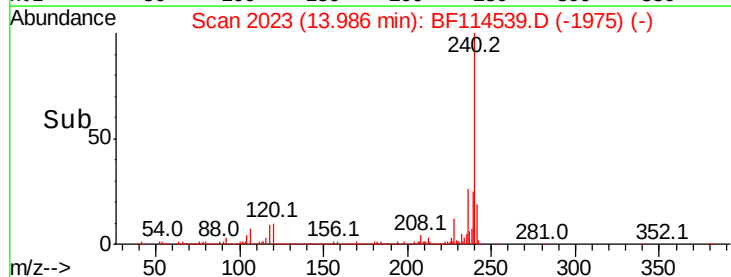
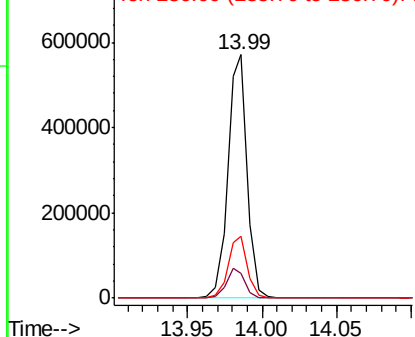


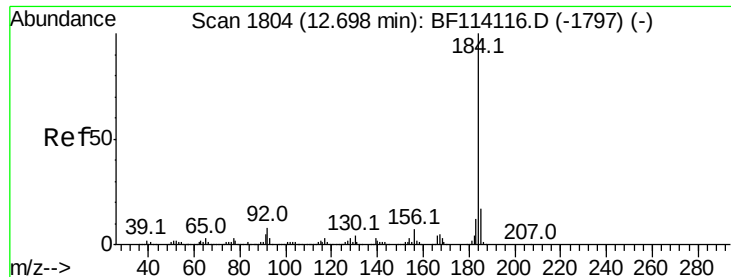
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:240 Resp: 518618
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.5 20.8 31.2



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: 13.107 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

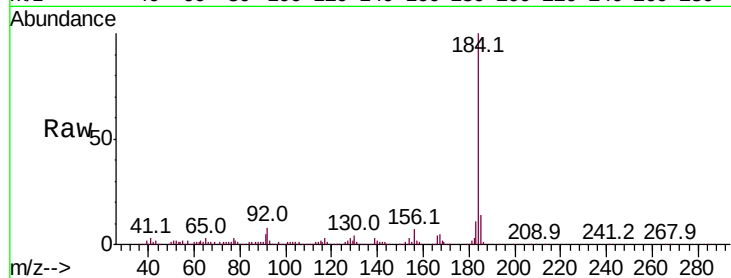
BNA_F

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:184 Resp: 305136

Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.6	20.4
183	10.5	9.2	13.8

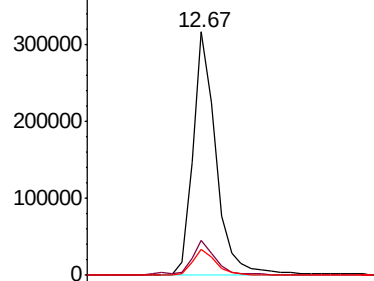


Abundance

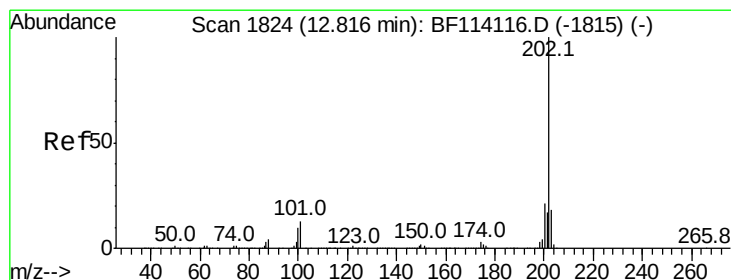
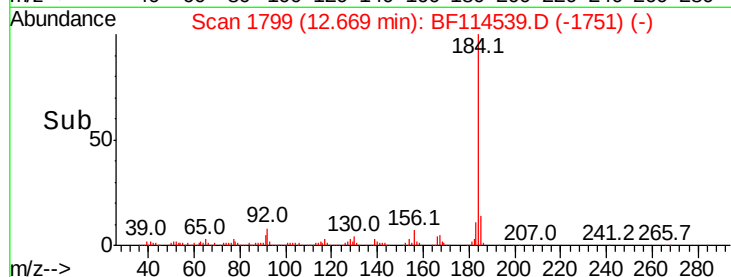
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 37.633 ng

RT: 12.79 min Scan# 1819

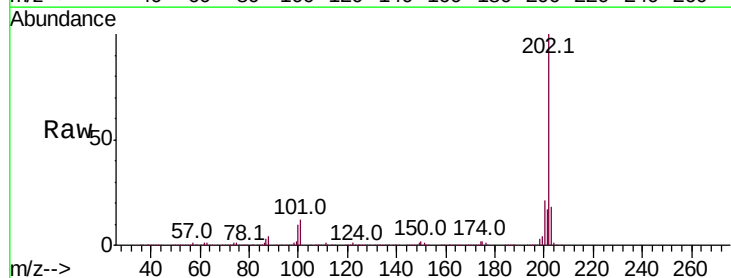
Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Tgt Ion:202 Resp: 1570046

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.0	14.5	21.7

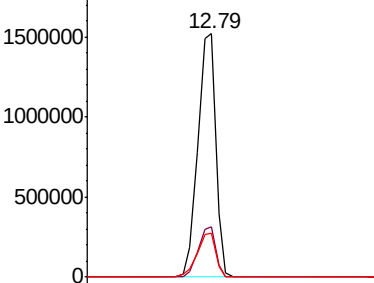


Abundance

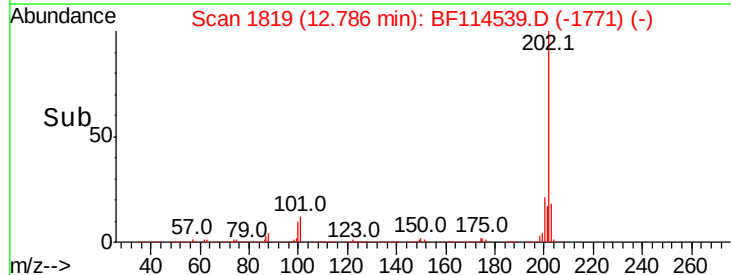
Ion 202.00 (201.70 to 202.70): E

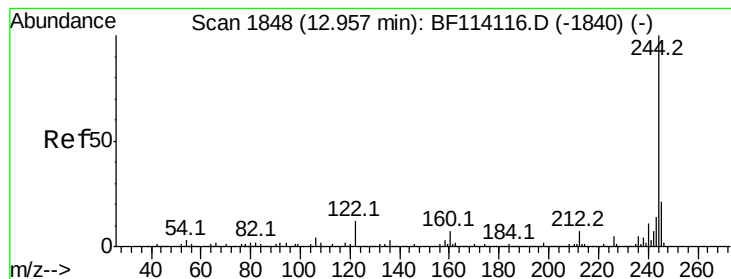
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 71.160 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

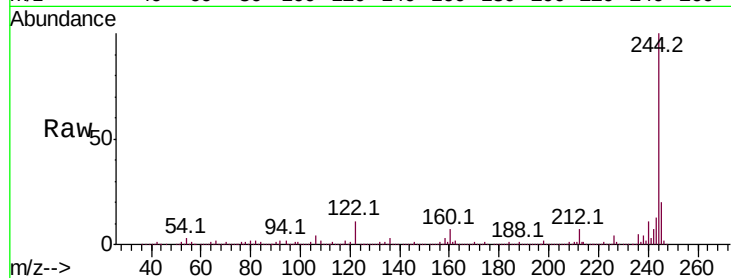
Tot Ion:244 Resp: 1790244

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

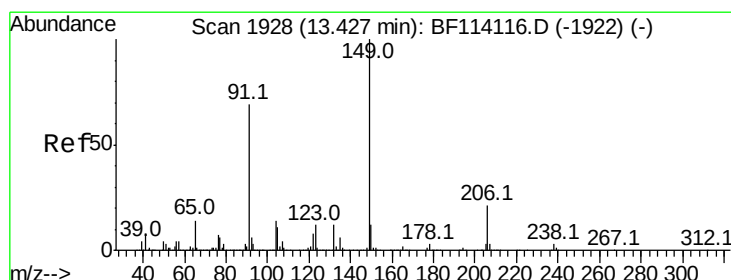
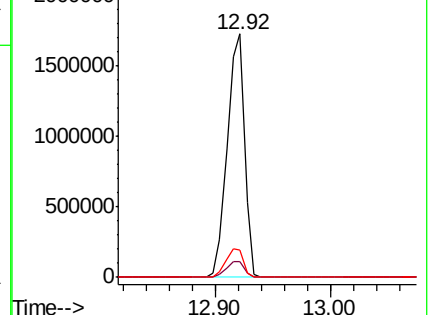
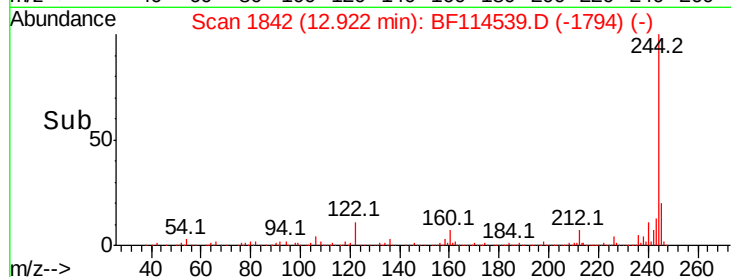
122 11.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.756 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

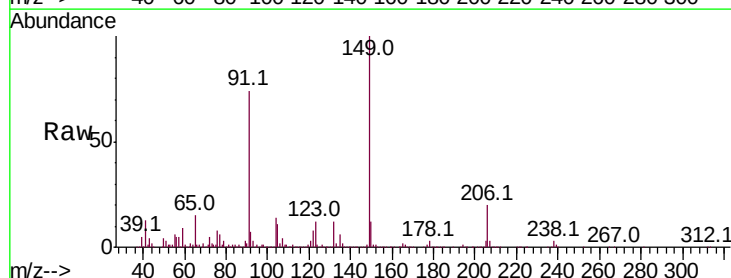
Tgt Ion:149 Resp: 715685

Ion Ratio Lower Upper

149 100

91 73.6 55.0 82.4

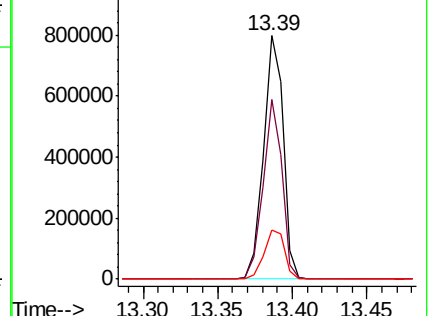
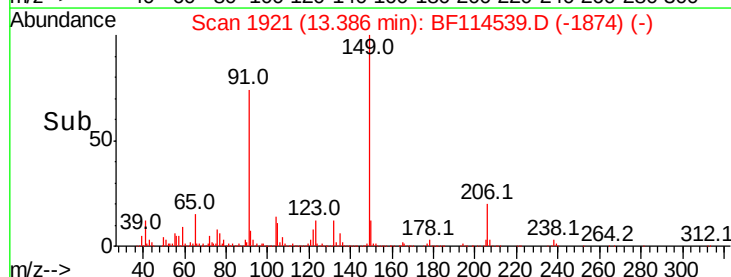
206 20.0 16.9 25.3

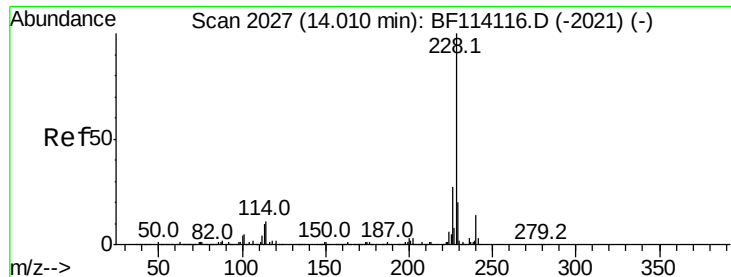


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

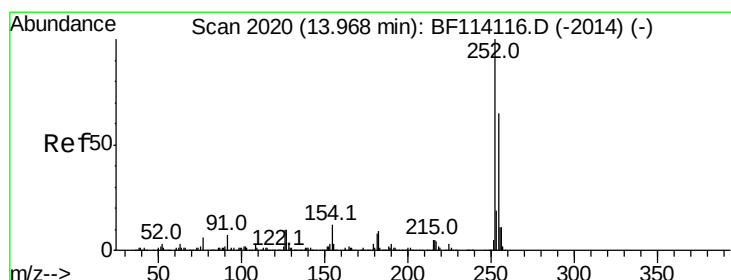
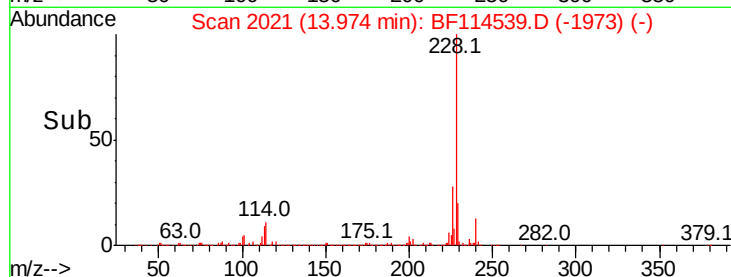
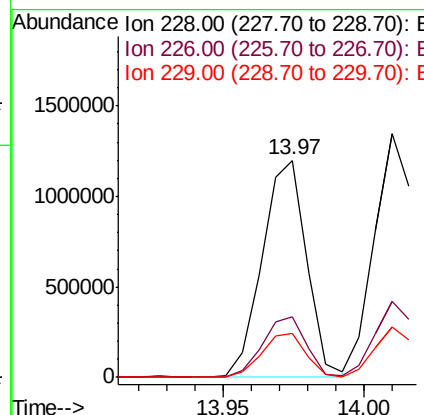
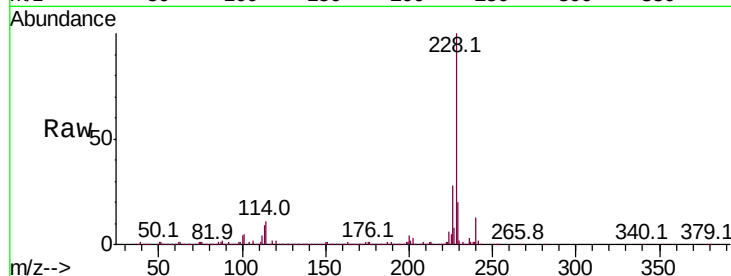




#81
Benzo(a)anthracene
Concen: 38.655 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

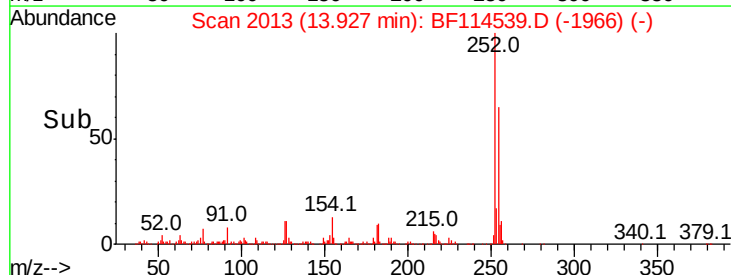
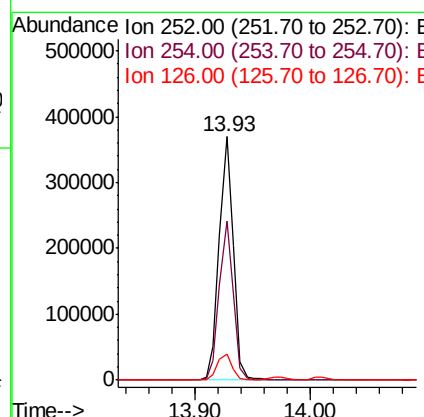
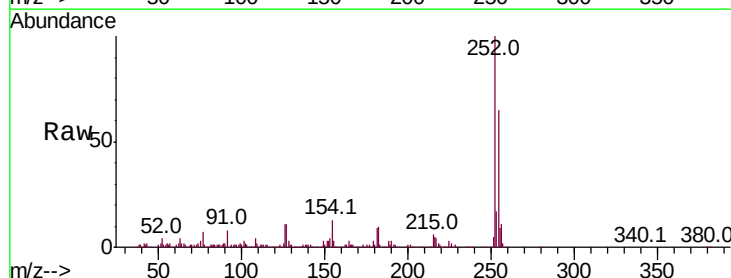
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

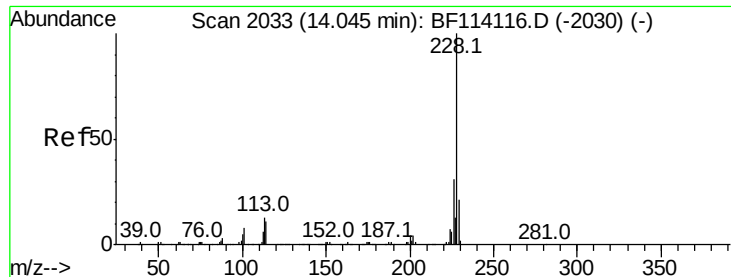
Tot Ion:228 Resp: 1296653
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 20.0 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 24.372 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:252 Resp: 317150
Ion Ratio Lower Upper
252 100
254 65.5 51.9 77.9
126 10.9 7.9 11.9





#83

Chrysene

Concen: 38.572 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

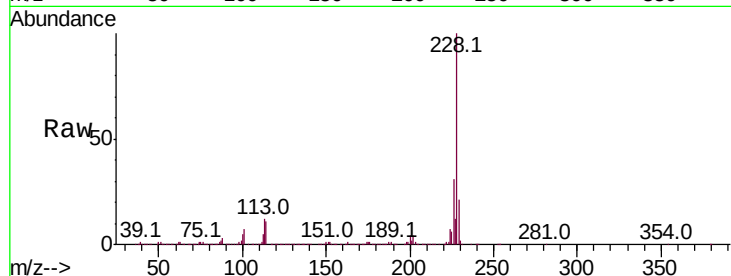
Tot Ion:228 Resp: 1268350

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

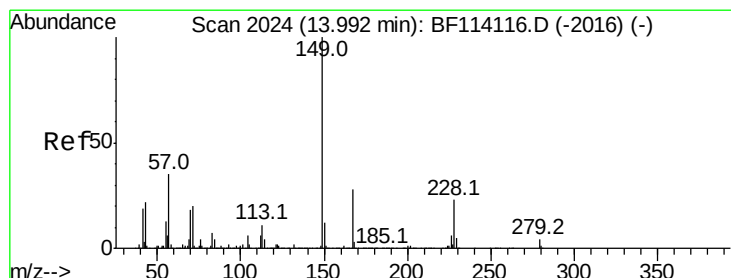
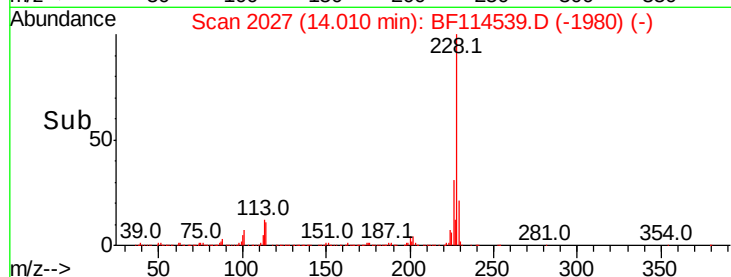
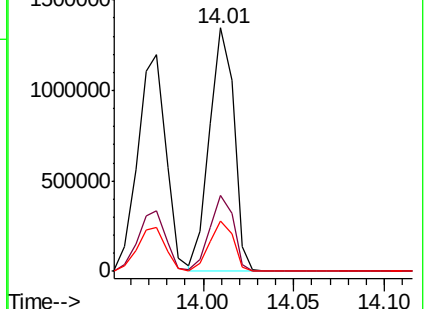
229 20.6 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.145 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

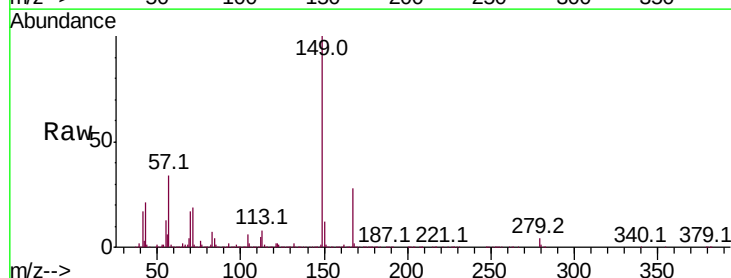
Tgt Ion:149 Resp: 1013873

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

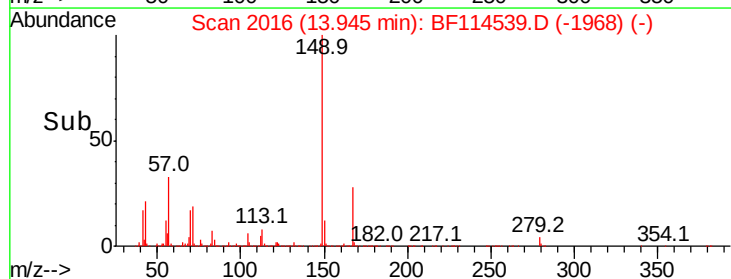
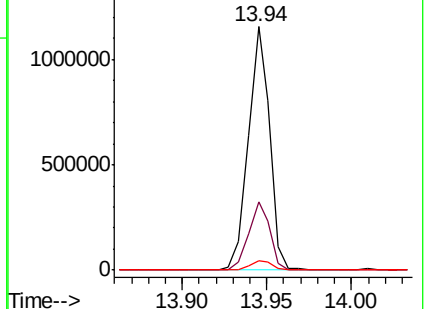
279 3.8 3.0 4.6

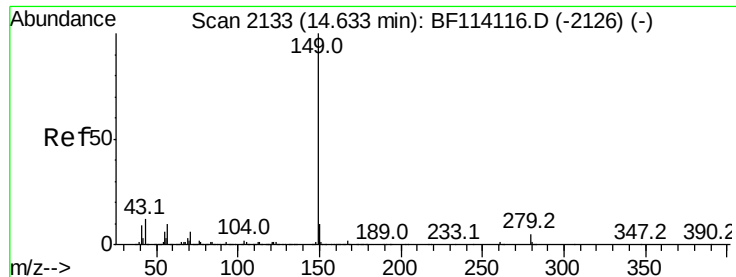


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

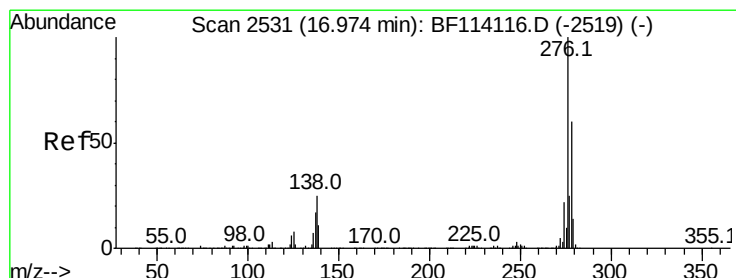
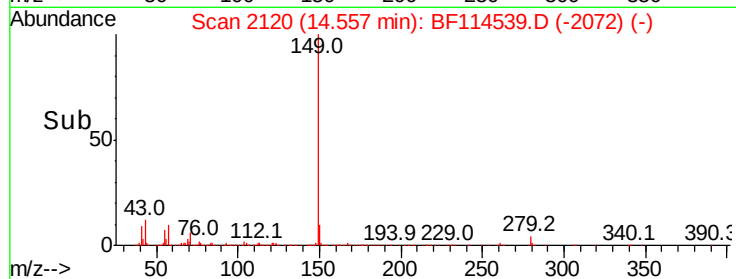
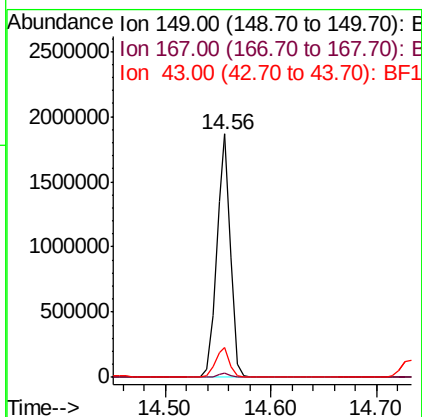
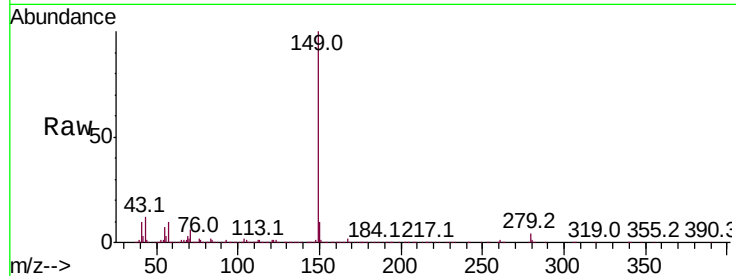




#85
Di-n-octyl phthalate
Concen: 45.532 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

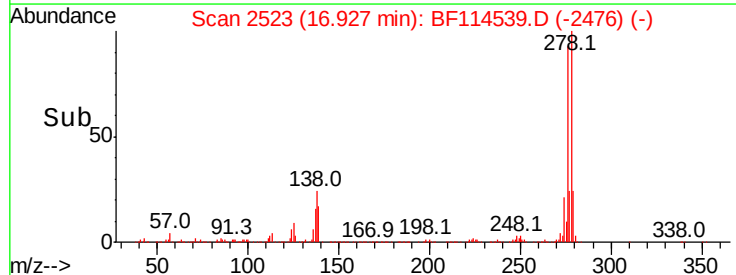
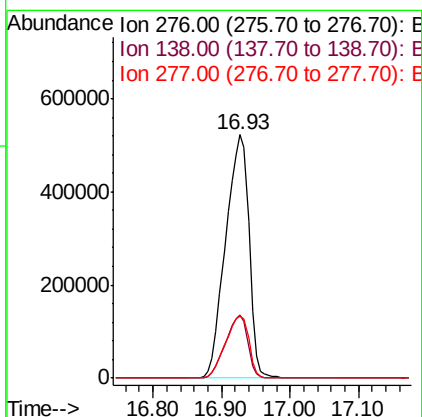
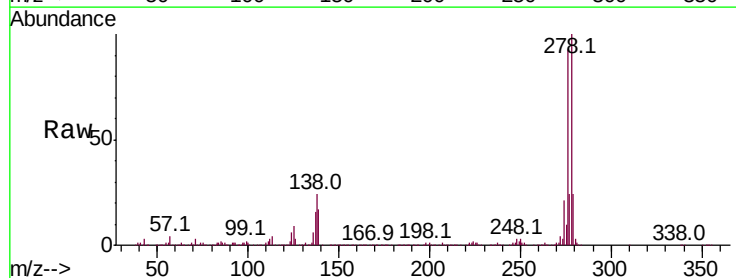
Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

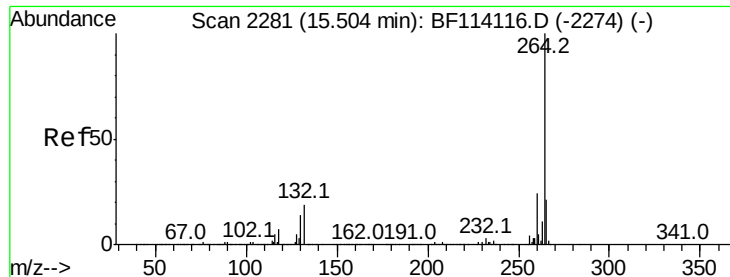
Tot Ion:149 Resp: 1695175
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.1 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.311 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:276 Resp: 1229597
Ion Ratio Lower Upper
276 100
138 24.8 20.2 30.2
277 25.4 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MSD

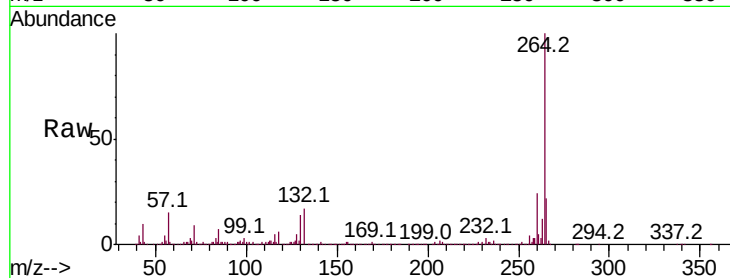
Tot Ion:264 Resp: 471708

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

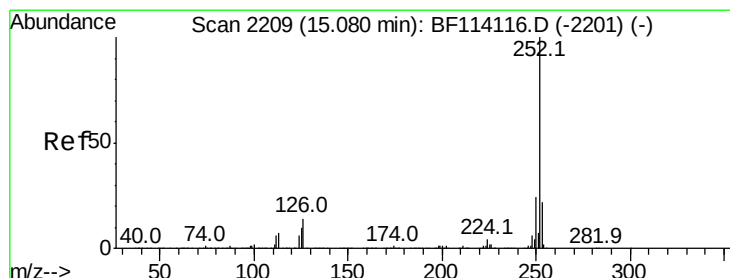
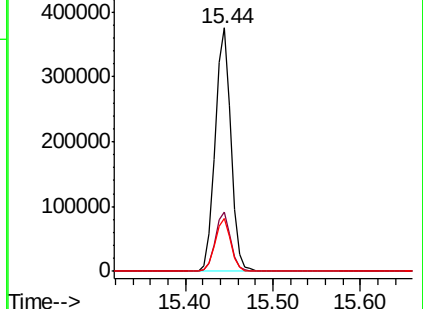
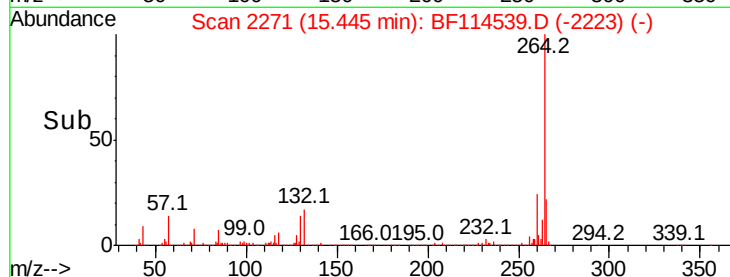
265 21.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.477 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

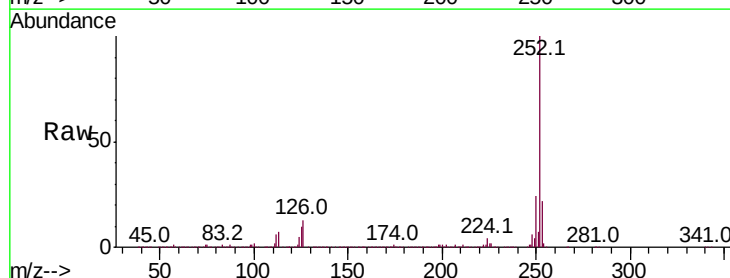
Tgt Ion:252 Resp: 1193001

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

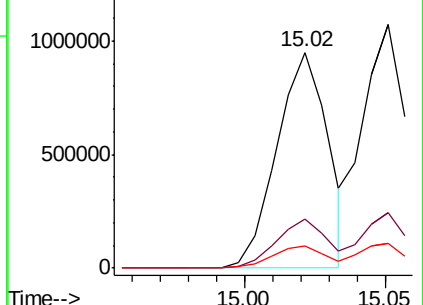
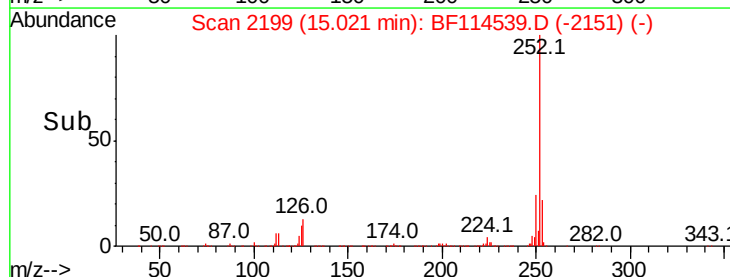
125 10.3 8.3 12.5

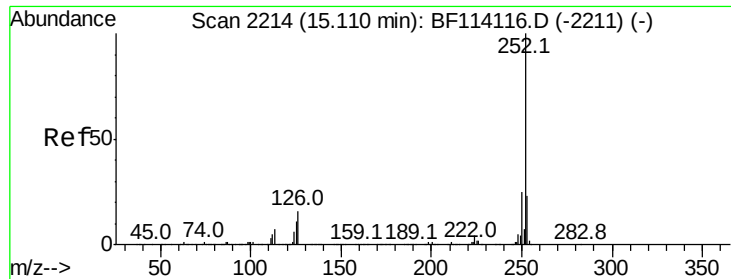


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

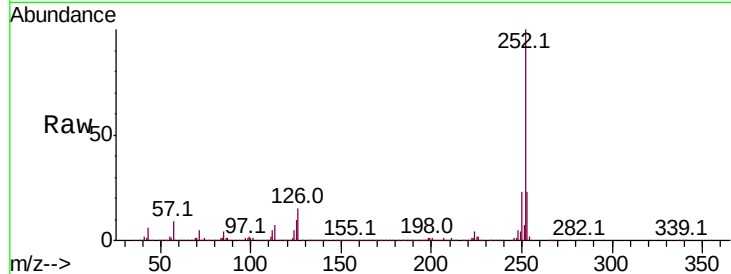




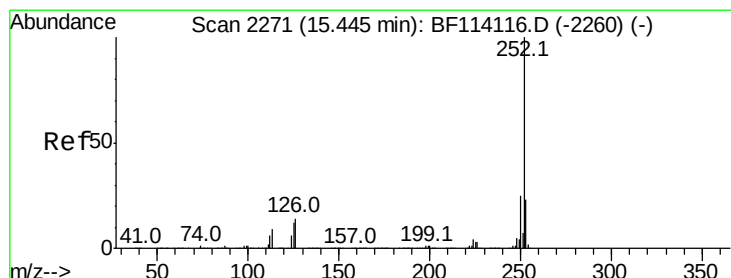
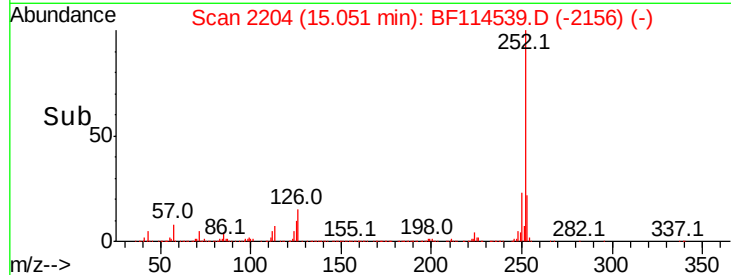
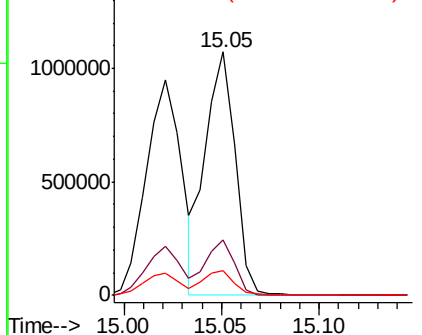
#89
Benzo(k)fluoranthene
Concen: 40.896 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:252 Resp: 1135289
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.2 8.6 13.0

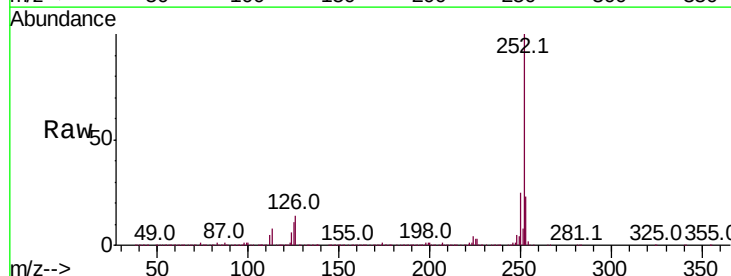


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

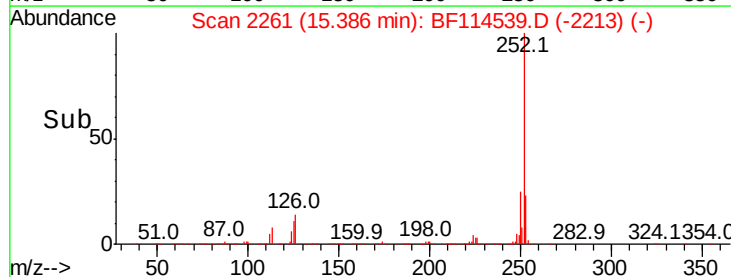
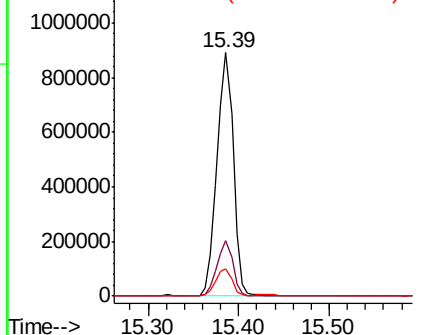


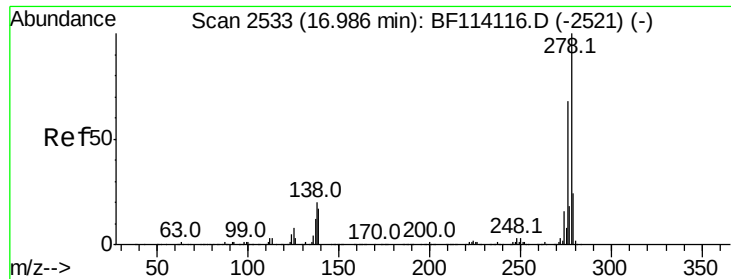
#90
Benzo(a)pyrene
Concen: 41.848 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:252 Resp: 1112998
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.3 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

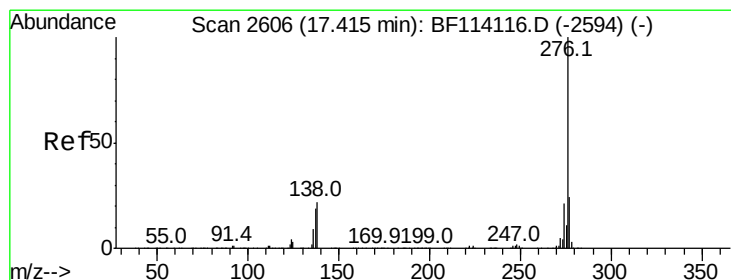
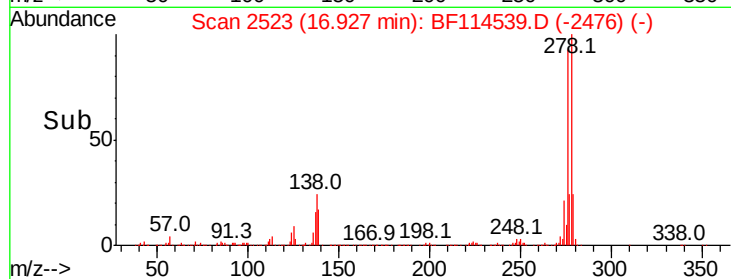
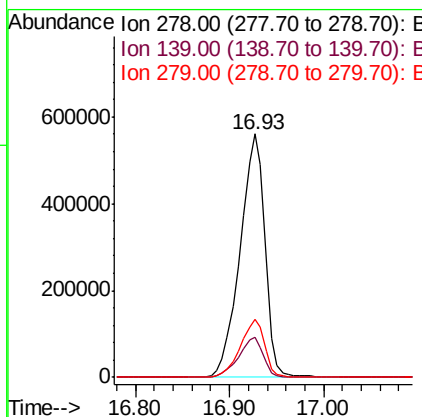
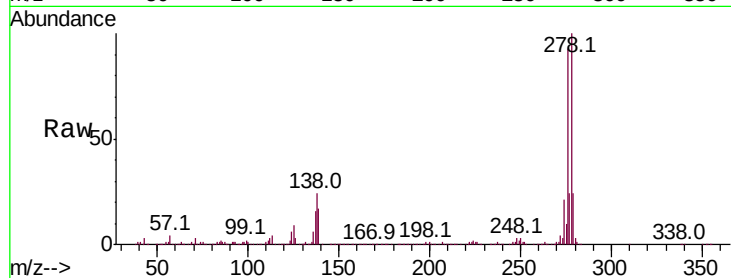




#91
Dibenzo(a,h)anthracene
Concen: 46.359 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:278 Resp: 1024553
Ion Ratio Lower Upper
278 100
139 16.6 13.5 20.3
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.911 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:276 Resp: 1061126
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 21.3 17.8 26.6

