

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116987.D
 Acq On : 12 Sep 2019 12:31
 Operator : HP/JU
 Sample : PB122948BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 14:27:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80313	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	336825	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	171670	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	277902	20.00	ng	0.00
76) Chrysene-d12	13.97	240	170998	20.00	ng	0.00
87) Perylene-d12	15.42	264	143467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	635262	128.14	ng	0.02
7) Phenol-d6	6.47	99	811582	124.67	ng	0.00
23) Nitrobenzene-d5	7.39	82	490838	83.19	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	182449	158.98	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	854895	84.01	ng	0.00
79) Terphenyl-d14	12.92	244	771954	83.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	104374	45.609	ng	98
3) Pyridine	3.40	79	254546	38.416	ng	98
4) n-Nitrosodimethylamine	3.36	42	98178	43.149	ng	99
6) Aniline	6.49	93	312774	34.691	ng	# 84
8) 2-Chlorophenol	6.62	128	272494	50.353	ng	99
9) Benzaldehyde	6.37	77	171231	39.927	ng	99
10) Phenol	6.48	94	347497	48.208	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	255111	45.452	ng	99
12) 1,3-Dichlorobenzene	6.77	146	285890	46.742	ng	99
13) 1,4-Dichlorobenzene	6.85	146	293028	48.122	ng	99
14) 1,2-Dichlorobenzene	7.00	146	273614	48.486	ng	100
15) Benzyl Alcohol	6.97	79	251181	47.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	251532	38.197	ng	99
17) 2-Methylphenol	7.09	107	230051	48.560	ng	97
18) Hexachloroethane	7.34	117	114207	48.274	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	197612	46.105	ng	99
20) 3+4-Methylphenols	7.23	107	280643	50.950	ng	96
22) Acetophenone	7.23	105	401502	49.513	ng	99
24) Nitrobenzene	7.41	77	305504	50.911	ng	99
25) Isophorone	7.65	82	544478	45.541	ng	100
26) 2-Nitrophenol	7.72	139	143284	64.225	ng	99
27) 2,4-Dimethylphenol	7.76	122	238670	52.971	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	331925	45.431	ng	99
29) 2,4-Dichlorophenol	7.97	162	222608	51.410	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	227536	48.448	ng	97
31) Naphthalene	8.13	128	774342	48.347	ng	99
32) Benzoic acid	7.89	122	135797	53.378	ng	95
33) 4-Chloroaniline	8.17	127	181722	24.925	ng	98
34) Hexachlorobutadiene	8.25	225	124028	48.434	ng	98
35) Caprolactam	8.55	113	40702	25.117	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	263423	52.932	ng	95
37) 2-Methylnaphthalene	8.82	142	530850	49.814	ng	98
38) 1-Methylnaphthalene	8.92	142	491054	48.814	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	202306	49.160	ng	99

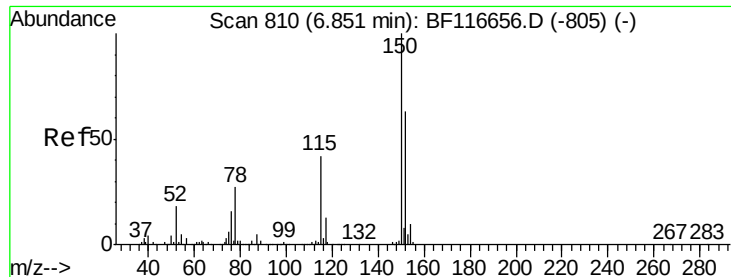
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116987.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	221229	93.093	nq	96
43) 2,4,6-Trichlorophenol	9.10	196	145676	51.640	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	158497	54.119	nq	98
46) 1,1'-Biphenyl	9.28	154	625274	48.000	nq	100
47) 2-Chloronaphthalene	9.30	162	489397	47.434	nq	96
48) 2-Nitroaniline	9.40	65	156533	52.478	nq	96
49) Acenaphthylene	9.72	152	774859	49.682	nq	100
50) Dimethylphthalate	9.58	163	566605	47.807	nq	100
51) 2,6-Dinitrotoluene	9.64	165	127936	56.577	nq #	84
52) Acenaphthene	9.89	154	442692	46.196	nq	99
53) 3-Nitroaniline	9.81	138	92776	32.739	nq	95
54) 2,4-Dinitrophenol	9.92	184	95969	115.131	nq #	87
55) Dibenzofuran	10.06	168	667325	49.398	nq	99
56) 4-Nitrophenol	9.98	139	199238	102.536	nq	92
57) 2,4-Dinitrotoluene	10.05	165	167562	60.601	nq	90
58) Fluorene	10.40	166	532471	51.729	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	120814	57.159	nq	100
60) Diethylphthalate	10.28	149	562819	47.407	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	231153	51.282	nq	98
62) 4-Nitroaniline	10.43	138	138805	50.472	nq	98
63) Azobenzene	10.56	77	588565	47.544	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	68129	63.683	nq	97
66) n-Nitrosodiphenylamine	10.52	169	467696	48.650	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	134348	47.589	nq	97
68) Hexachlorobenzene	10.96	284	140562	47.588	nq	97
69) Atrazine	11.04	200	127112	47.210	nq	96
70) Pentachlorophenol	11.15	266	156755	109.707	nq	99
71) Phenanthrene	11.37	178	741400	47.926	nq	100
72) Anthracene	11.42	178	769536	49.416	nq	100
73) Carbazole	11.57	167	704689	47.506	nq	99
74) Di-n-butylphthalate	11.90	149	869352	45.716	nq	100
75) Fluoranthene	12.55	202	723342	47.579	nq	99
77) Benzidine	12.67	184	330036	49.208	nq	99
78) Pyrene	12.78	202	738169	48.562	nq	100
80) Butylbenzylphthalate	13.39	149	334858	45.300	nq	99
81) Benzo(a)anthracene	13.96	228	526546	48.653	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	128256	35.068	nq	100
83) Chrysene	14.00	228	520196	46.655	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	428618	46.973	nq	99
85) Di-n-octyl phthalate	14.56	149	663744	44.449	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	428188	47.812	nq	99
88) Benzo(b)fluoranthene	15.00	252	432659	49.881	nq	98
89) Benzo(k)fluoranthene	15.03	252	393609	49.770	nq	98
90) Benzo(a)pyrene	15.36	252	388491	51.481	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	352895	53.426	nq	98
92) Benzo(g,h,i)perylene	17.29	276	351126	52.122	nq	99

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

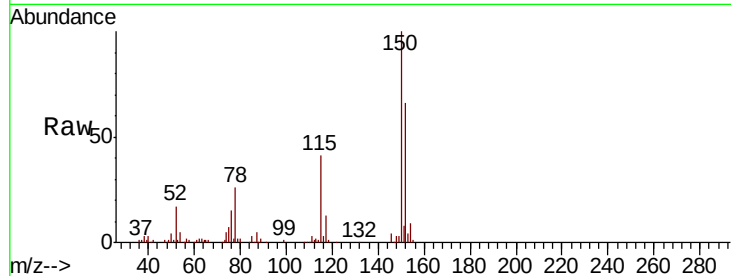


#1

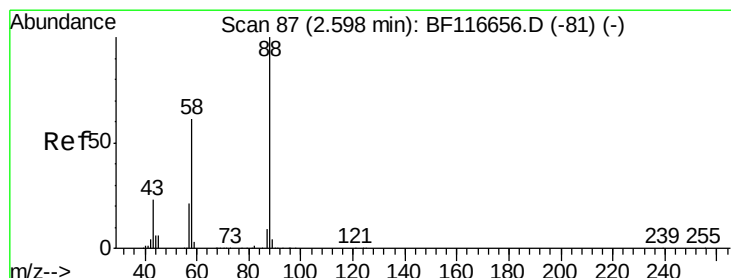
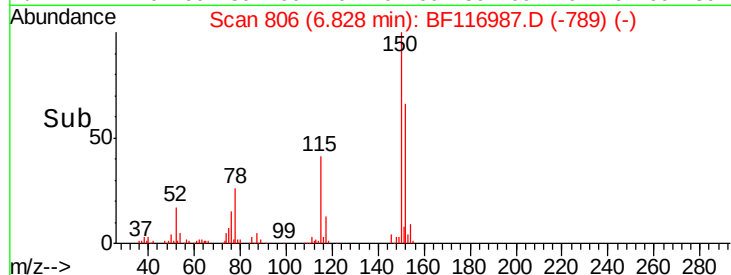
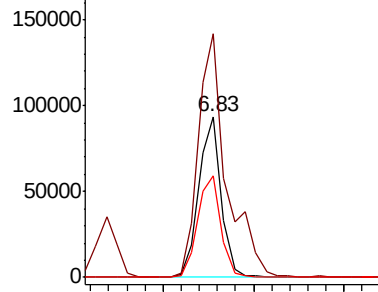
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80313
Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.2
115 62.9 50.2 75.2



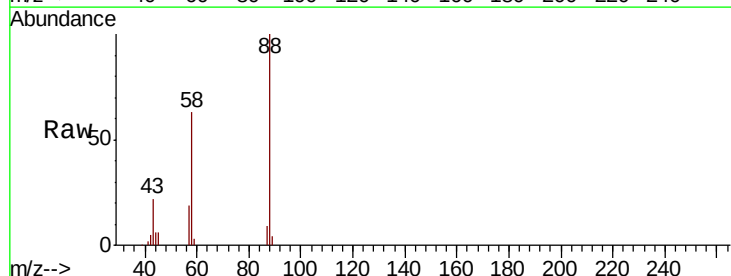
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



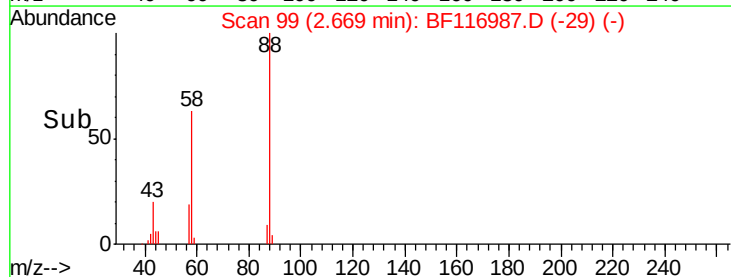
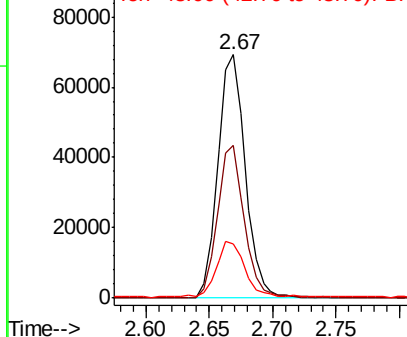
#2

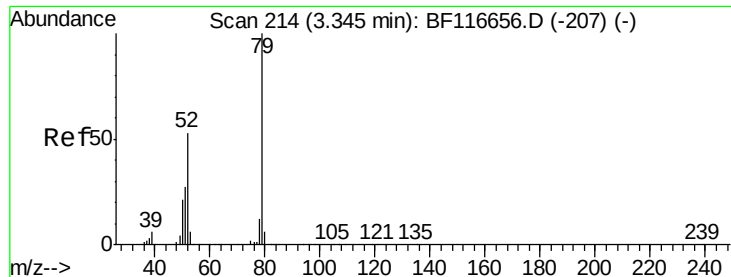
1,4-Dioxane
Concen: 45.609 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.11 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion: 88 Resp: 104374
Ion Ratio Lower Upper
88 100
58 61.1 49.4 74.2
43 25.3 18.6 28.0



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: 38.416 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.11 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

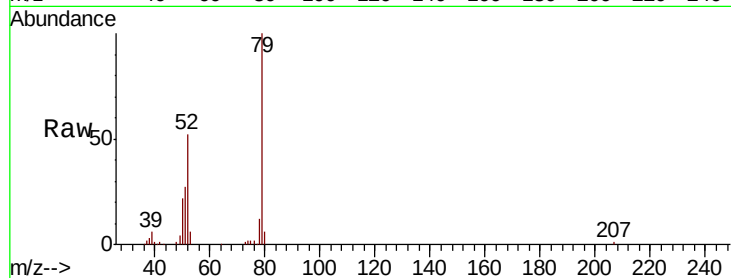
Tot Ion: 79 Resp: 254546

Ion Ratio Lower Upper

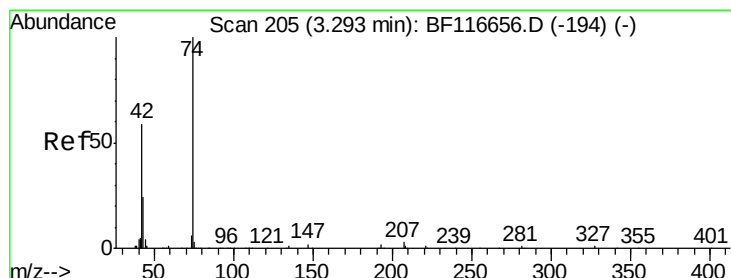
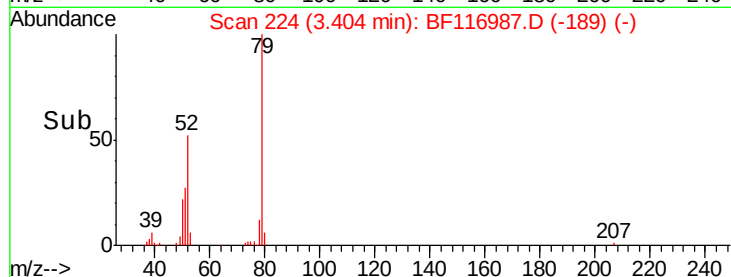
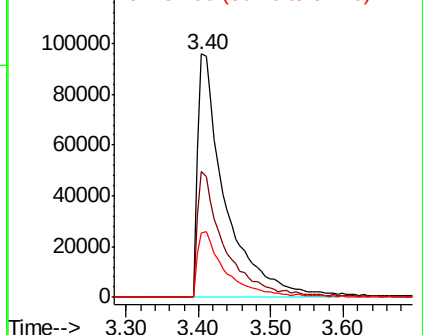
79 100

52 51.6 40.5 60.7

51 26.7 22.3 33.5



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: 43.149 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

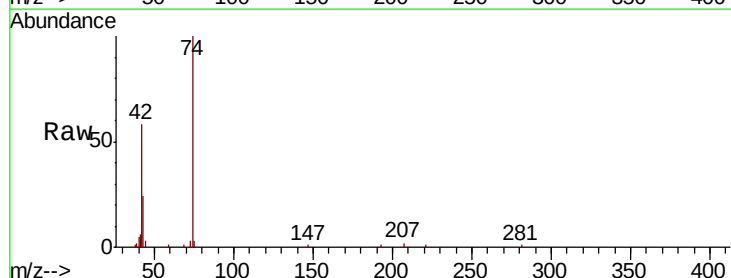
Tgt Ion: 42 Resp: 98178

Ion Ratio Lower Upper

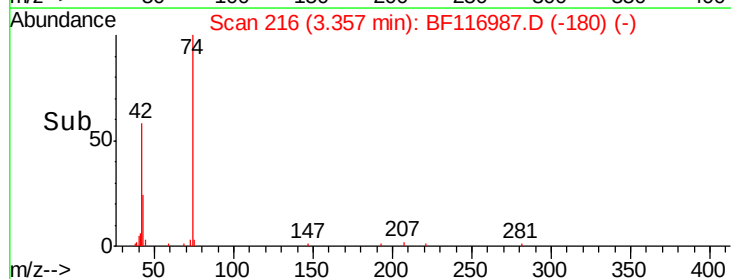
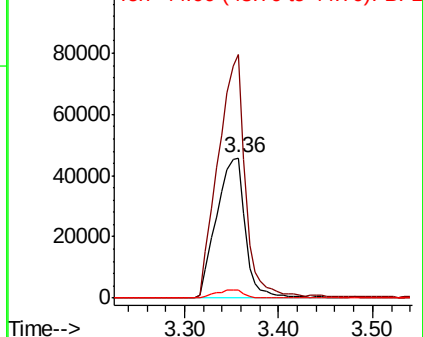
42 100

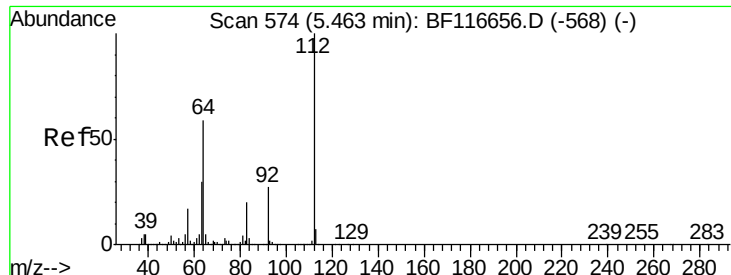
74 173.8 137.6 206.4

44 5.7 4.4 6.6



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: 128.144 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF116987.D

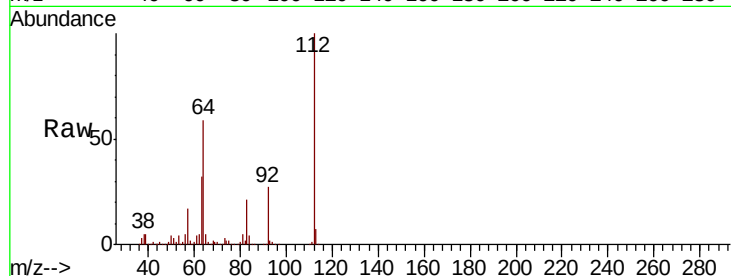
Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

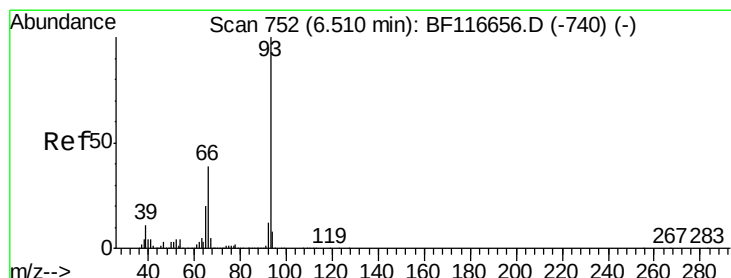
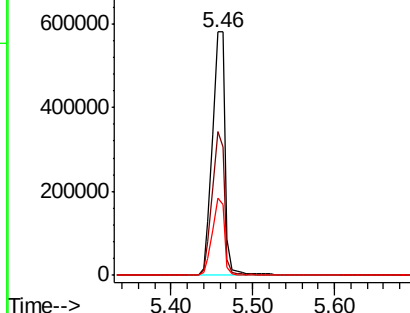
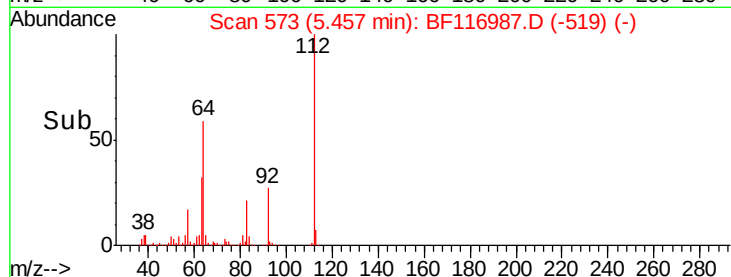
Tot Ion:	112	Resp:	635262
Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.1	70.7
63	31.5	25.4	38.0



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: 34.691 ng

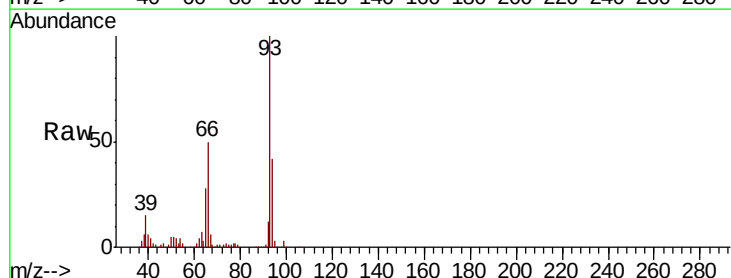
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

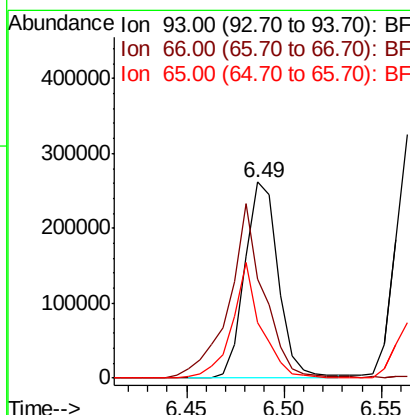
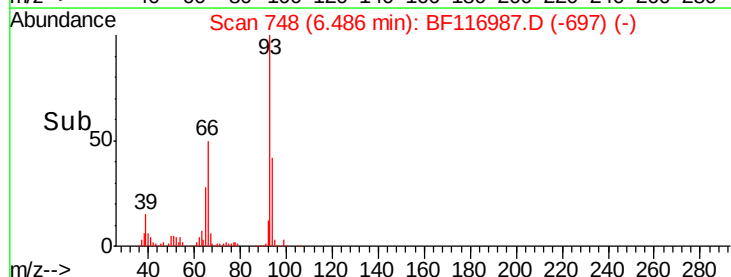
Tgt Ion:	93	Resp:	312774
Ion	Ratio	Lower	Upper
93	100		
66	50.4	32.3	48.5#
65	28.0	16.2	24.2#

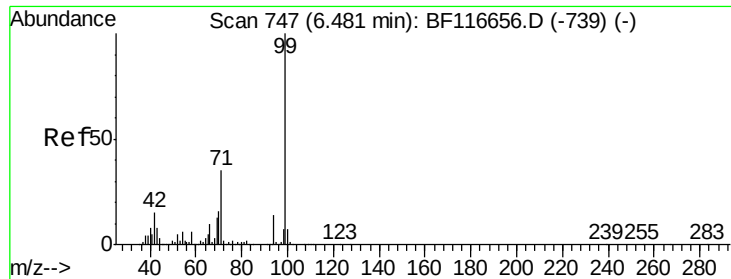


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.674 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

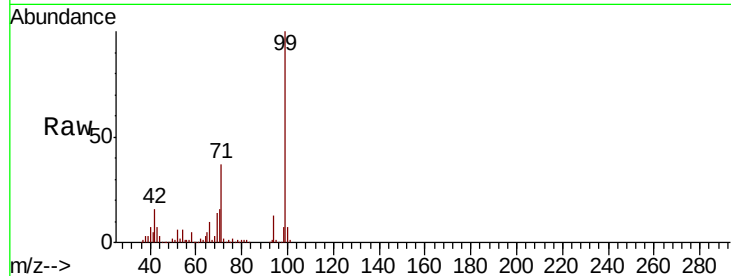
Tot Ion: 99 Resp: 811582

Ion Ratio Lower Upper

99 100

42 15.7 12.0 18.0

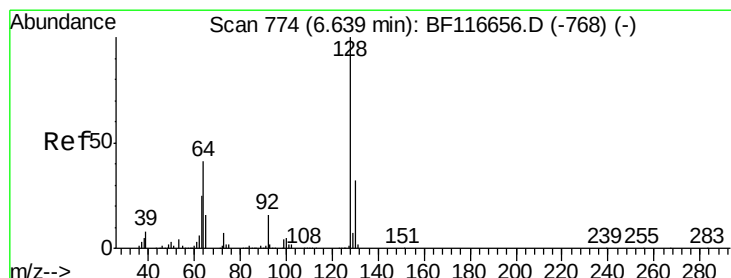
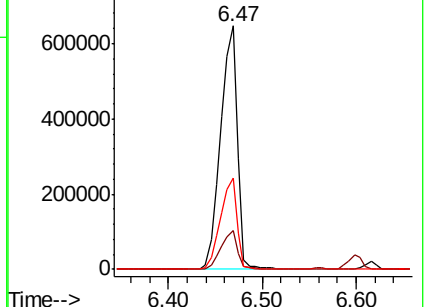
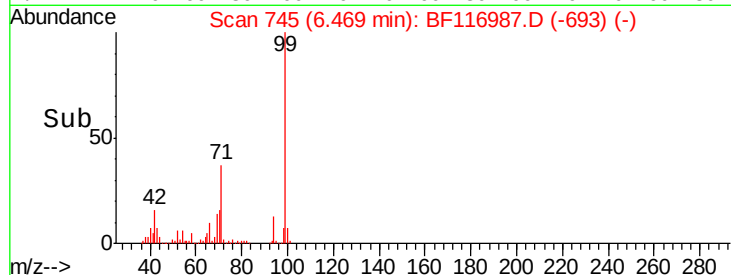
71 37.4 29.7 44.5



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: 50.353 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

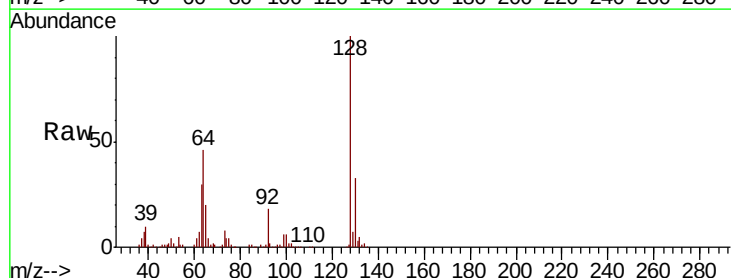
Tgt Ion: 128 Resp: 272494

Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

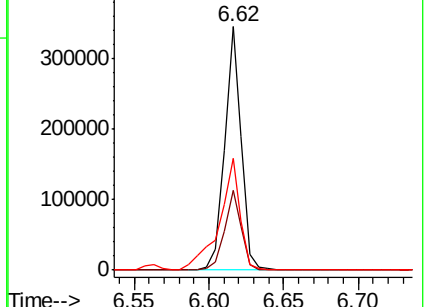
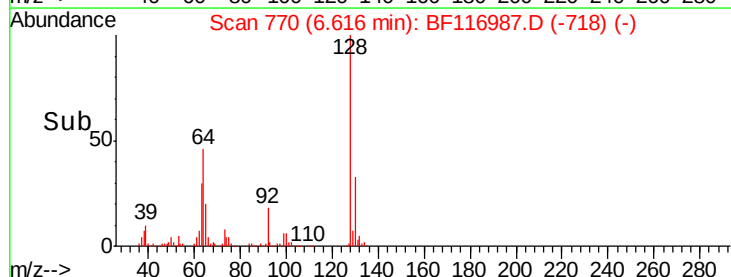
64 45.9 26.5 66.5

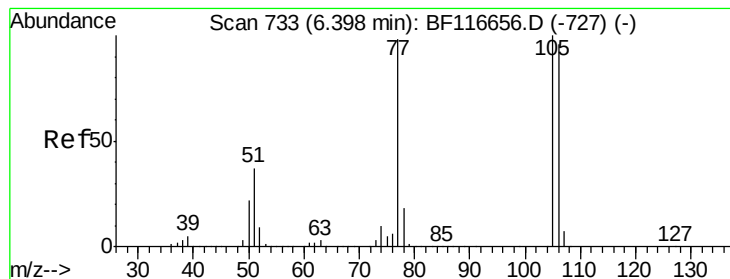


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.927 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampled :

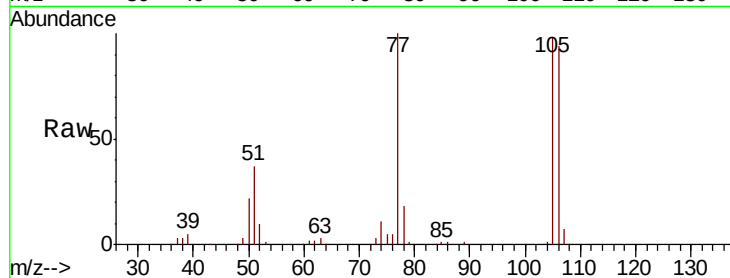
Tot Ion: 77 Resp: 171231

Ion Ratio Lower Upper

77 100

105 98.4 79.3 119.3

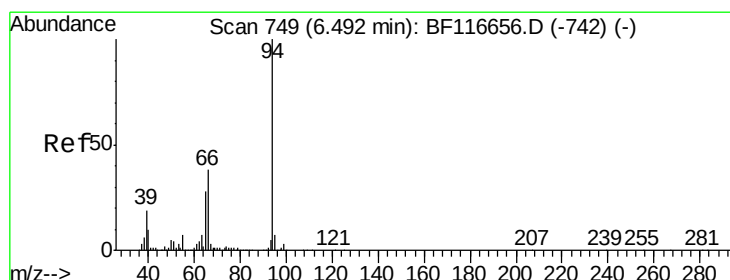
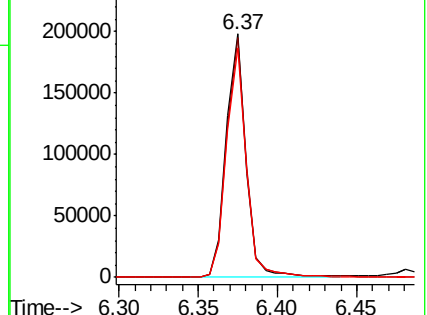
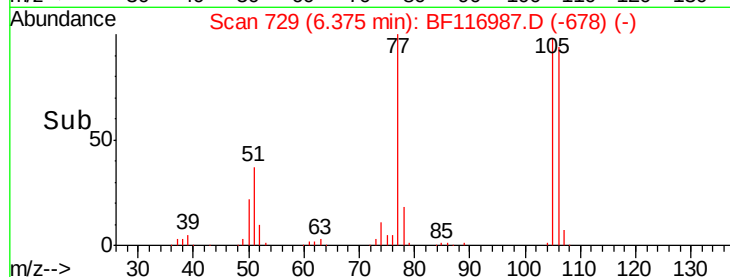
106 94.4 75.1 115.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.208 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

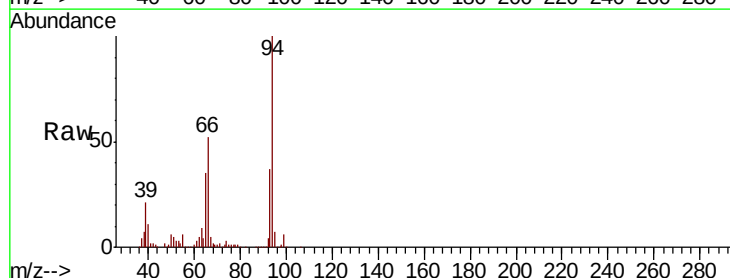
Tgt Ion: 94 Resp: 347497

Ion Ratio Lower Upper

94 100

65 34.8 12.0 52.0

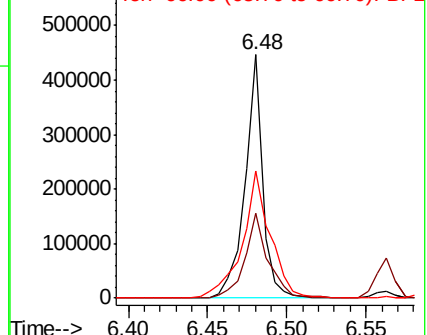
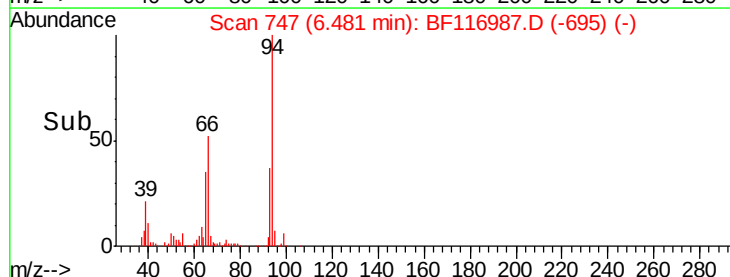
66 52.1 26.5 66.5

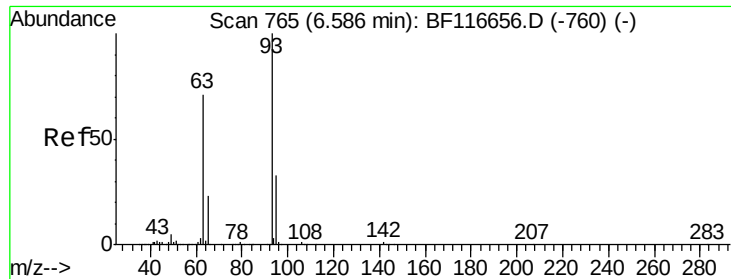


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

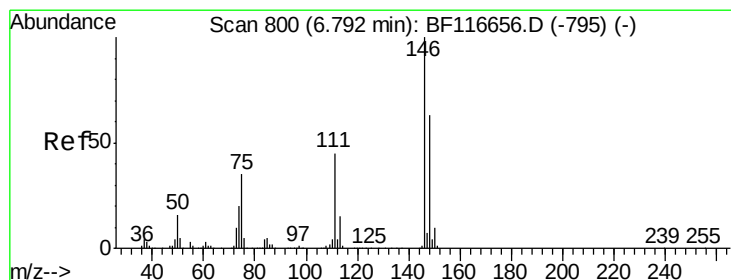
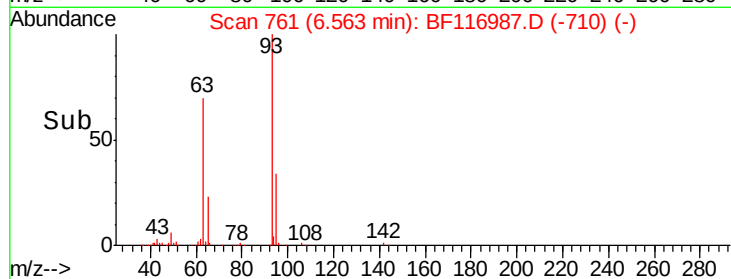
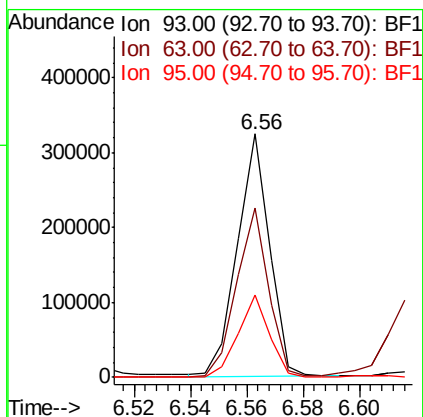
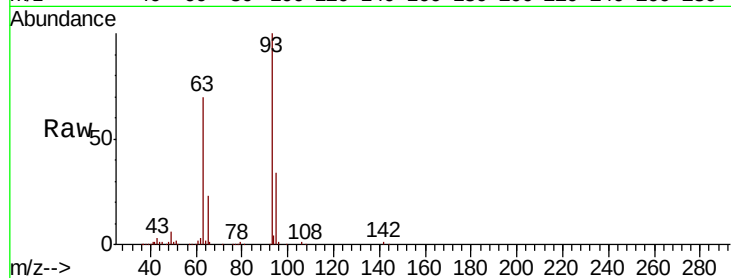




#11
bis(2-Chloroethyl)ether
Concen: 45.452 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

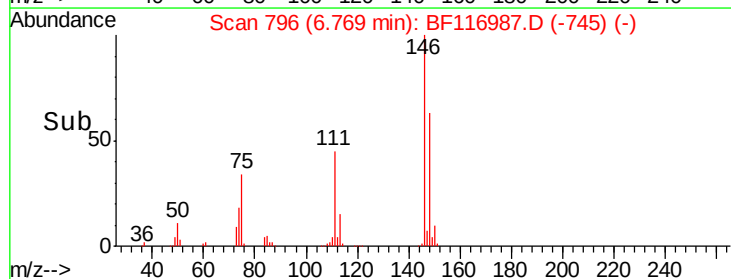
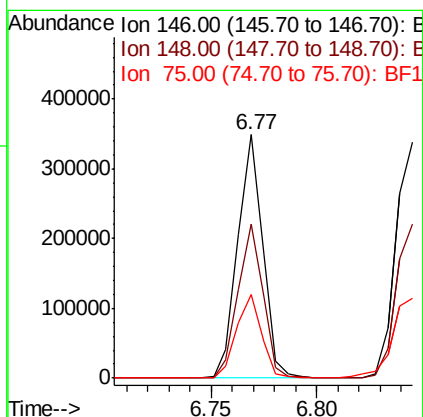
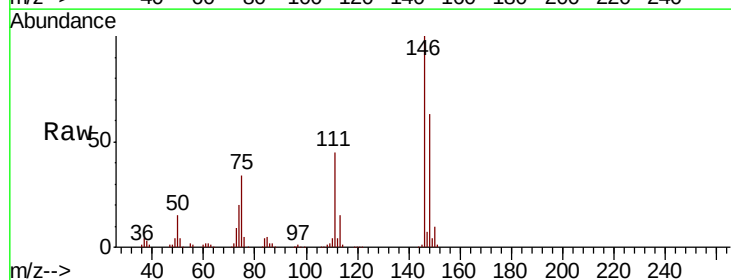
Instrument :
BNA_F
ClientSampleId :

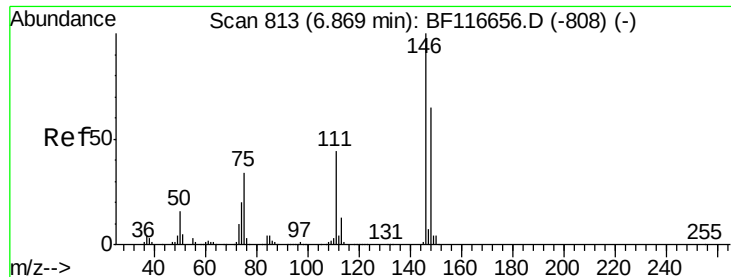
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.7	49.0	89.0
95	33.9	13.7	53.7



#12
1,3-Dichlorobenzene
Concen: 46.742 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.3	76.9
75	34.5	26.6	40.0

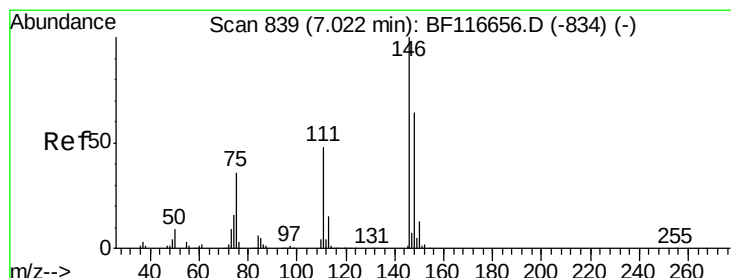
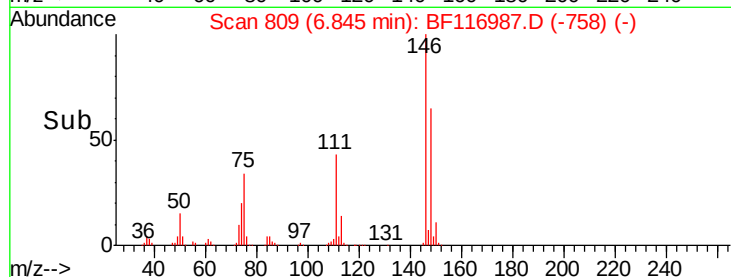
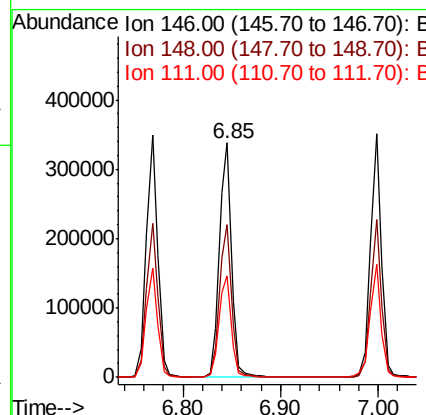
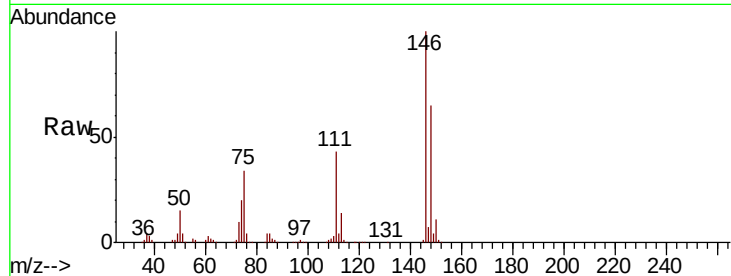




#13
 1,4-Dichlorobenzene
 Concen: 48.122 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

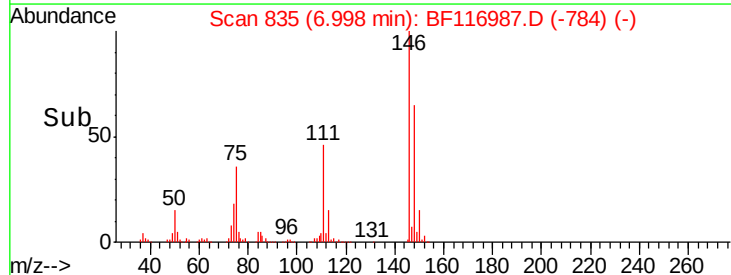
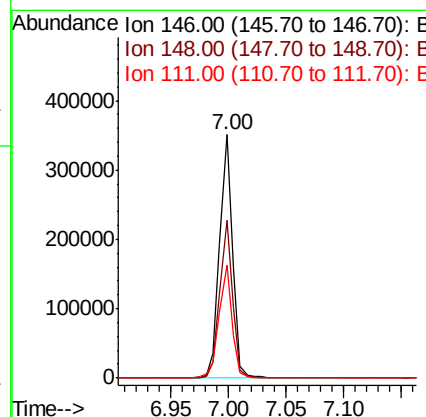
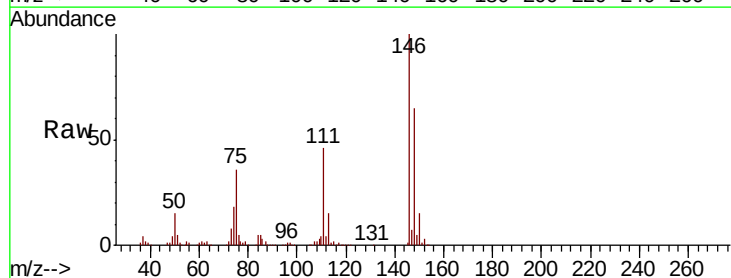
Instrument :
 BNA_F
 ClientSampled :

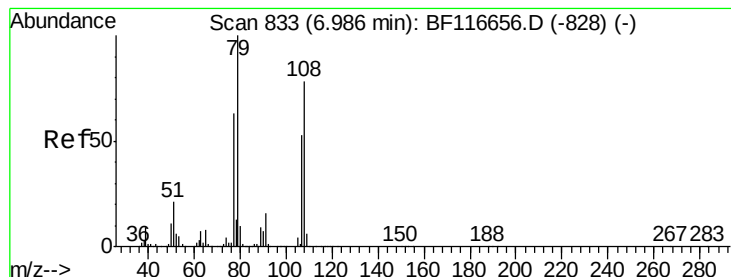
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	43.4	33.4	50.2



#14
 1,2-Dichlorobenzene
 Concen: 48.486 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
111	46.5	37.2	55.8





#15

Benzyl Alcohol

Concen: 47.535 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

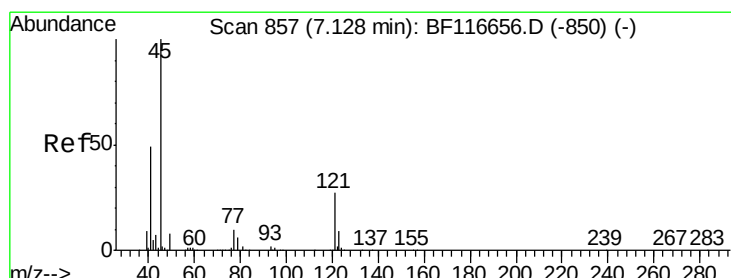
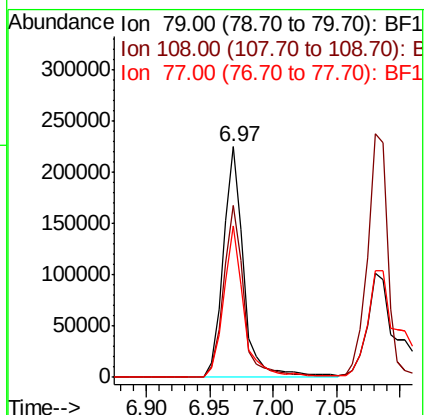
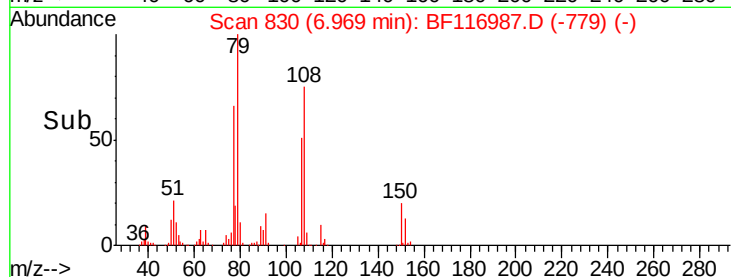
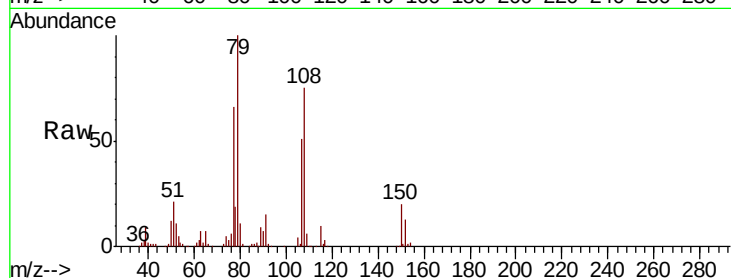
Tot Ion: 79 Resp: 251181

Ion Ratio Lower Upper

79 100

108 74.5 60.2 90.4

77 65.9 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.197 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

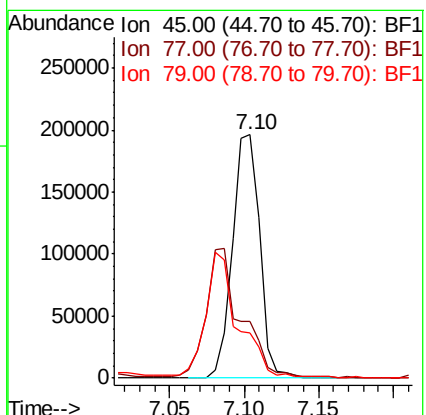
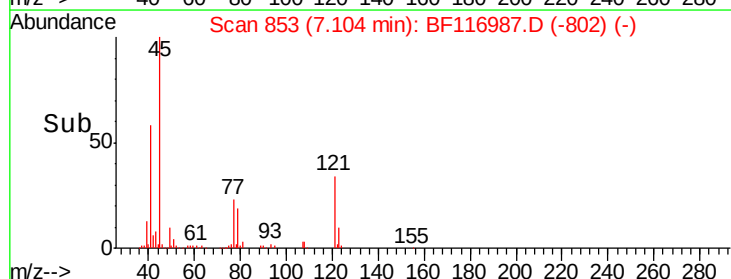
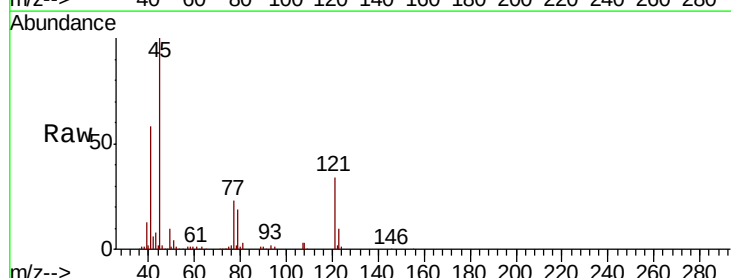
Tgt Ion: 45 Resp: 251532

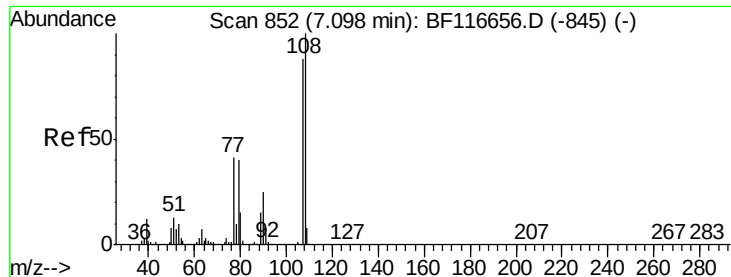
Ion Ratio Lower Upper

45 100

77 23.3 2.7 42.7

79 18.7 0.0 38.5

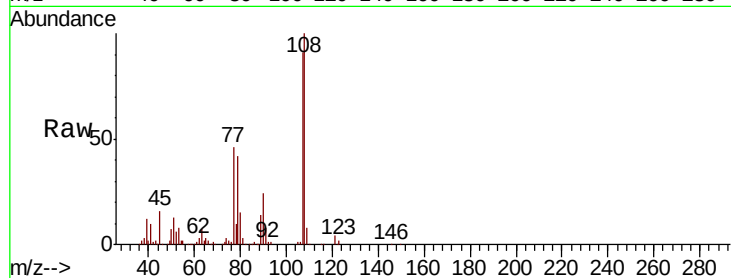




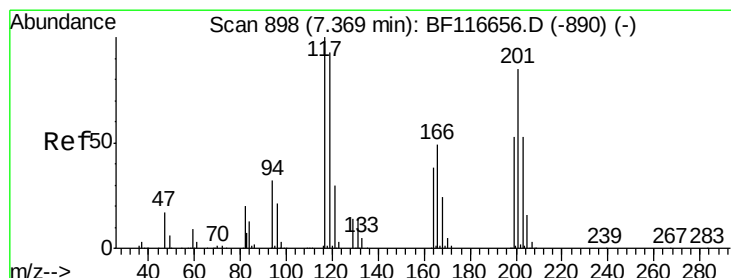
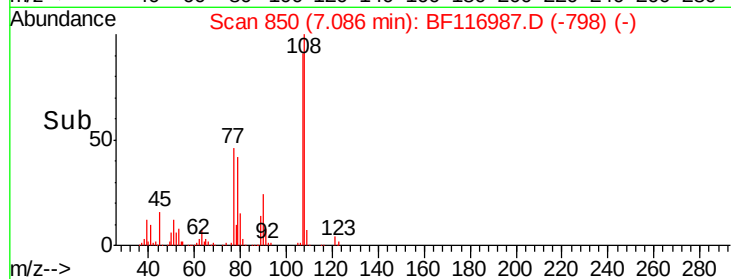
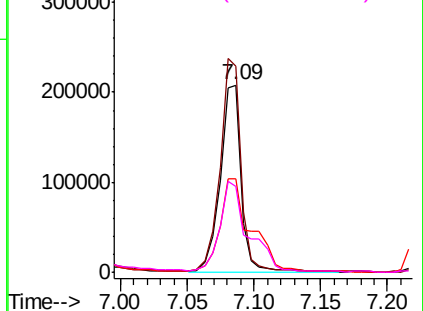
#17
2-Methylphenol
Concen: 48.560 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	230051
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.9	136.3
77	50.2	38.6	58.0
79	45.9	38.6	57.8

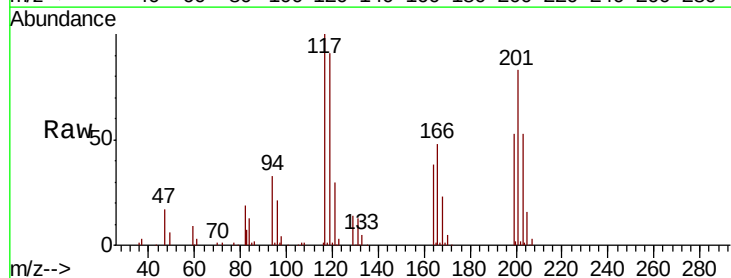


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

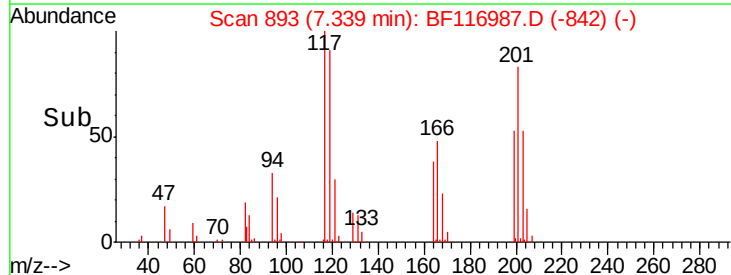
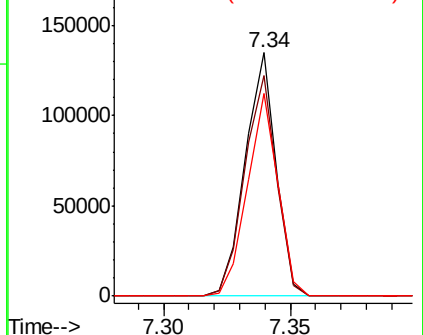


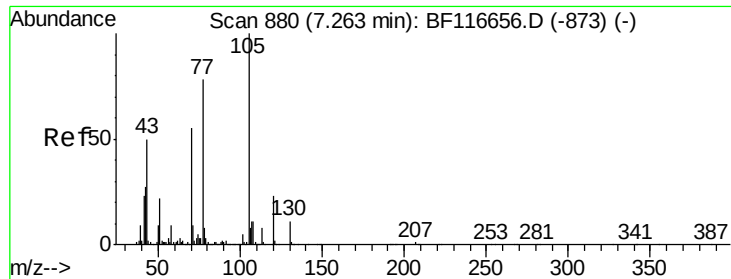
#18
Hexachloroethane
Concen: 48.274 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:	117	Resp:	114207
Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.8	115.2
201	83.0	68.2	102.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

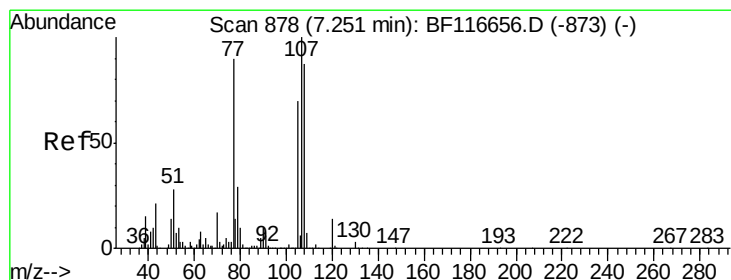
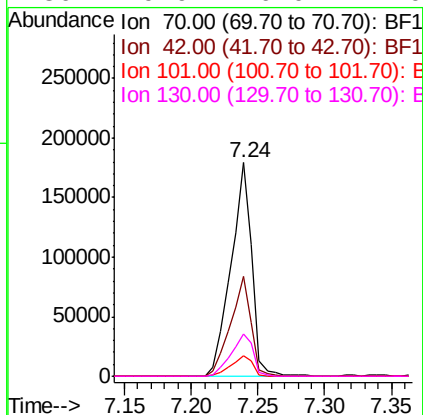
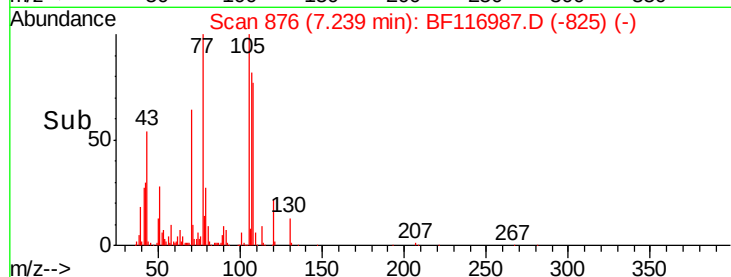
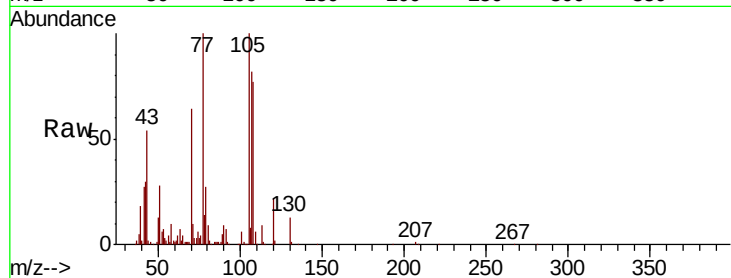




#19
n-Nitroso-di-n-propylamine
Concen: 46.105 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

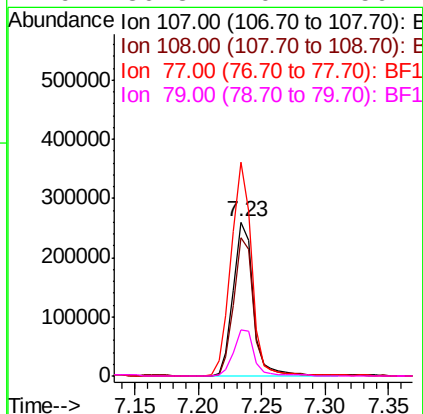
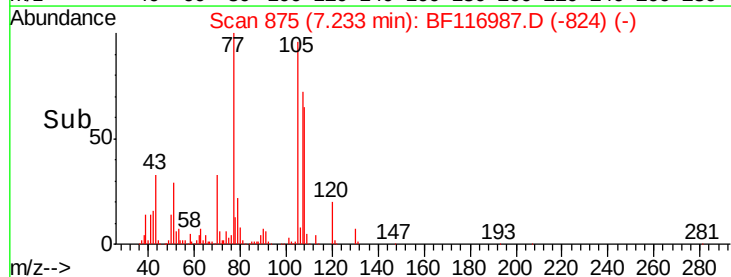
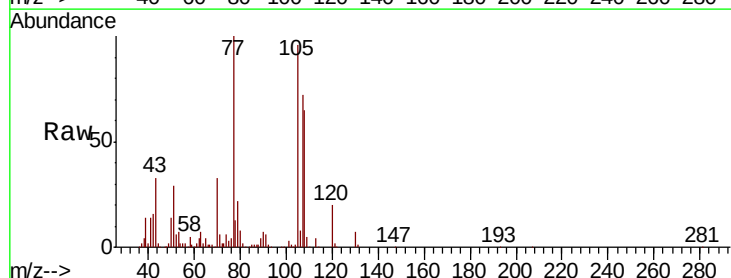
Instrument :
BNA_F
ClientSampled :

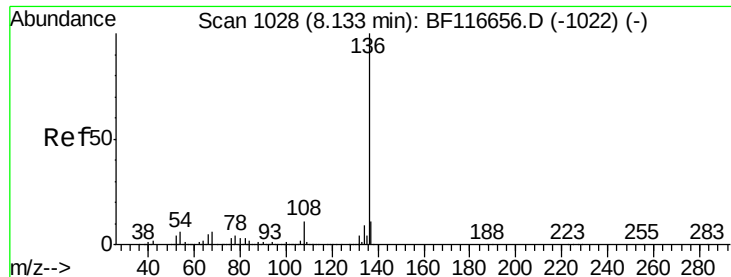
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	37.0	55.4
101	9.7	7.4	11.2
130	19.9	16.0	24.0



#20
3+4-Methylphenols
Concen: 50.950 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.9	111.9
77	139.0	112.6	152.6
79	30.3	10.7	50.7

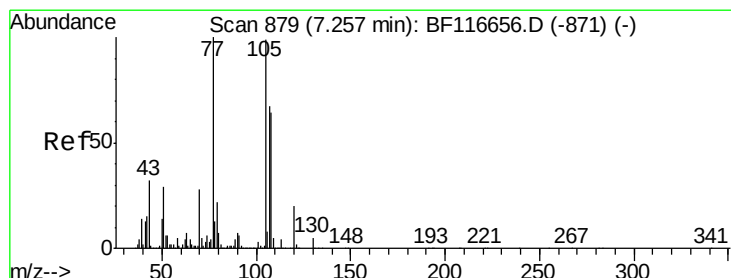
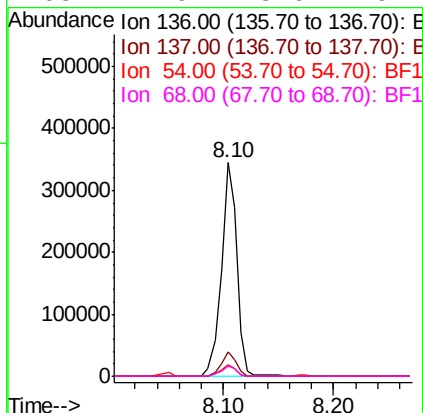
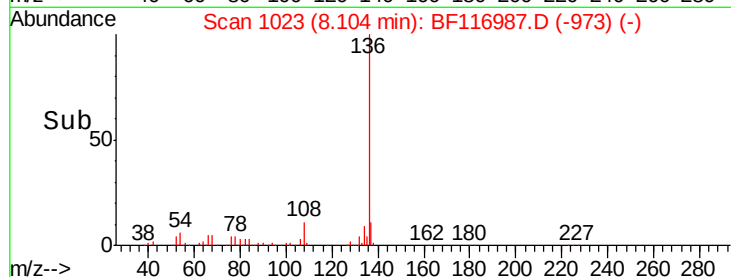
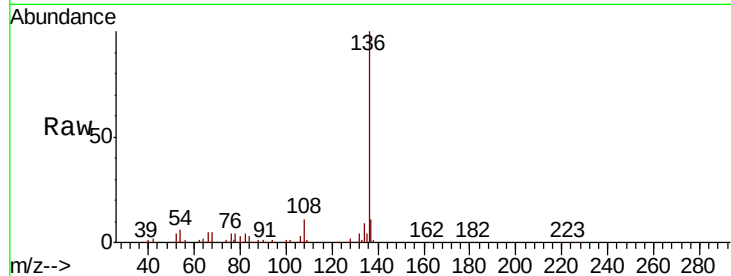




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

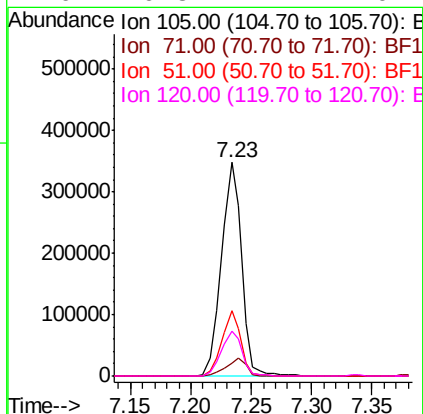
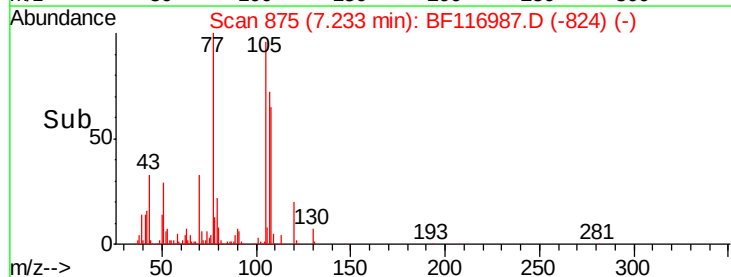
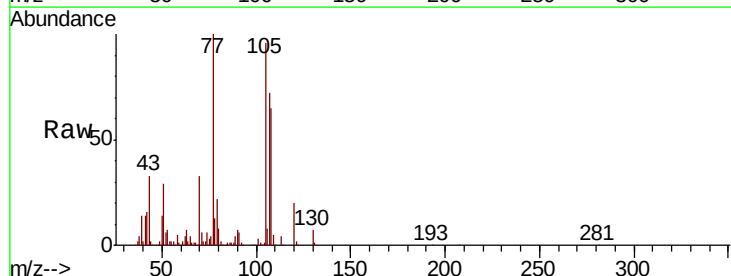
Instrument :
BNA_F
ClientSampled :

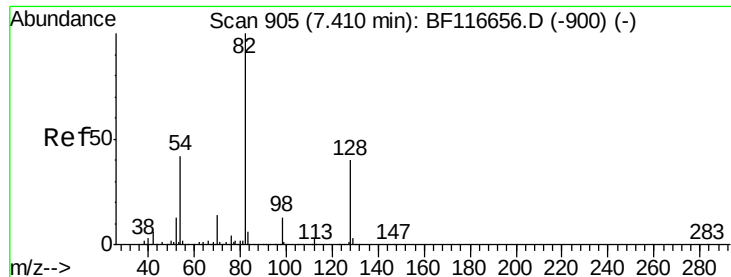
Tot Ion:136	Resp:	336825
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	5.5	3.8 5.8
68	4.9	3.6 5.4



#22
Acetophenone
Concen: 49.513 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:105	Resp:	401502
Ion Ratio	Lower	Upper
105	100	
71	5.8	4.2 6.4
51	30.3	24.6 37.0
120	20.8	17.4 26.2

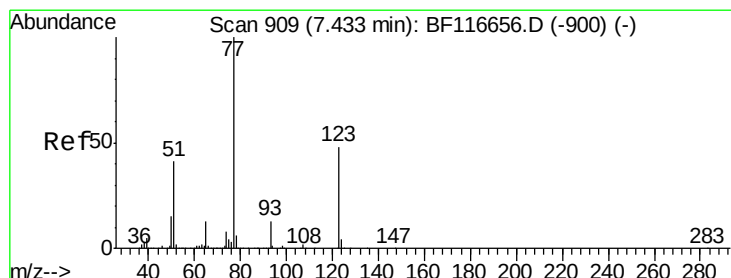
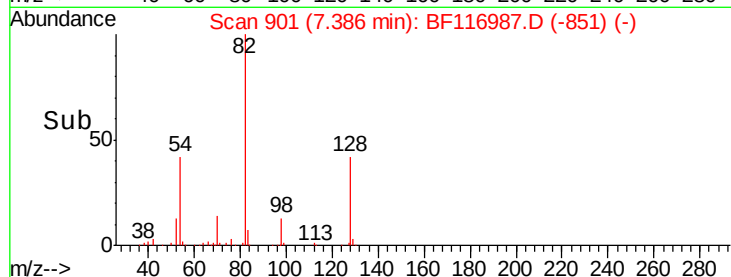
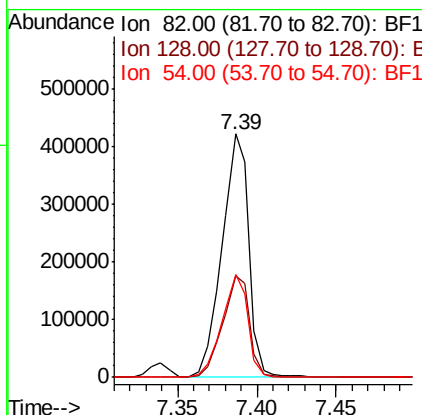
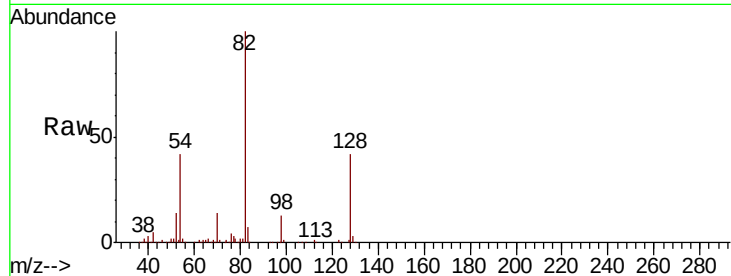




#23
 Nitrobenzene-d5
 Concen: 83.190 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

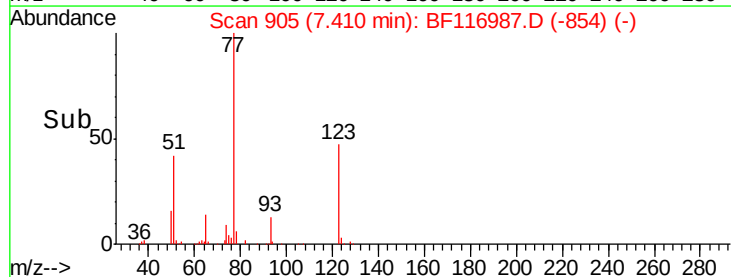
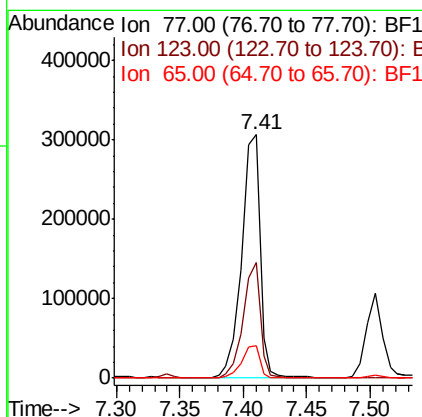
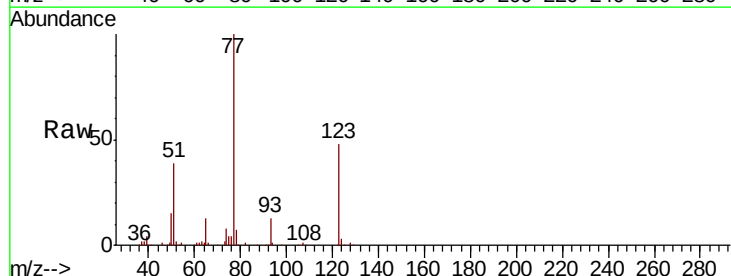
Instrument :
 BNA_F
 ClientSampleId :

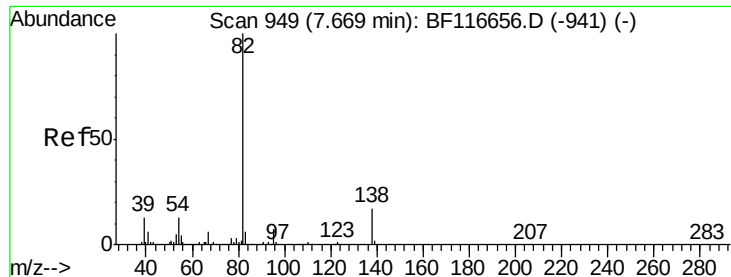
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.0	52.4
54	42.3	32.6	48.8



#24
 Nitrobenzene
 Concen: 50.911 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.7	56.5
65	13.1	10.3	15.5





#25

Isophorone

Concen: 45.541 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

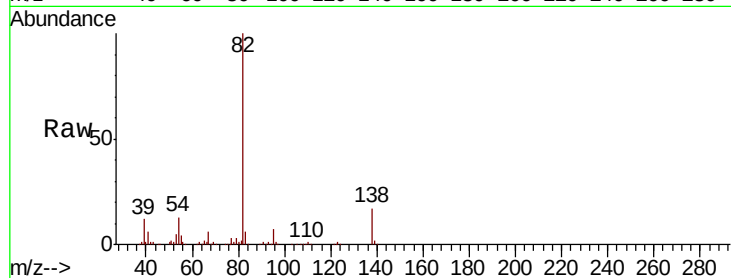
Tot Ion: 82 Resp: 544478

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 16.8 13.4 20.2



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

600000

500000

400000

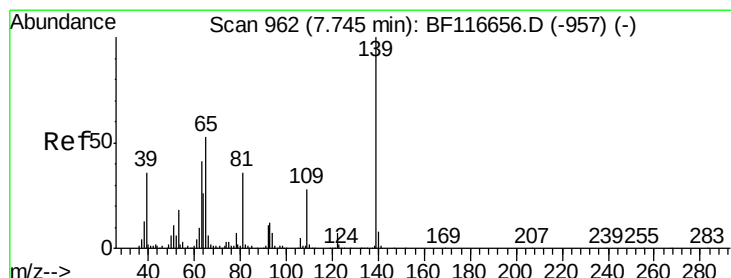
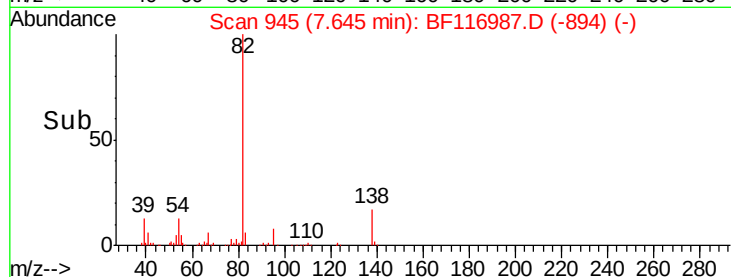
300000

200000

100000

0

Time-->



#26

2-Nitrophenol

Concen: 64.225 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

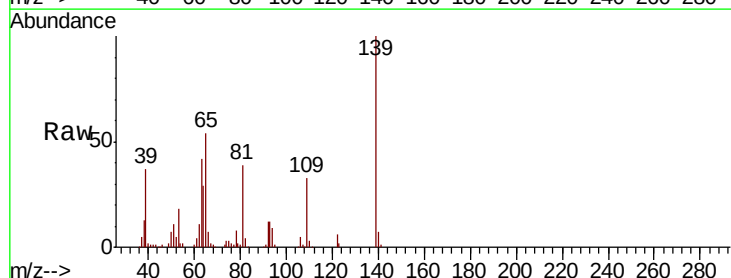
Tgt Ion: 139 Resp: 143284

Ion Ratio Lower Upper

139 100

109 32.9 26.2 39.4

65 54.2 42.5 63.7



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

200000

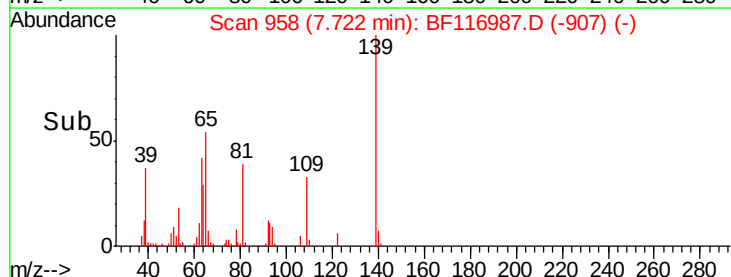
150000

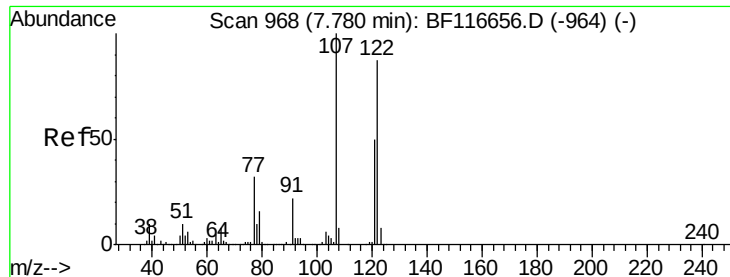
100000

50000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 52.971 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

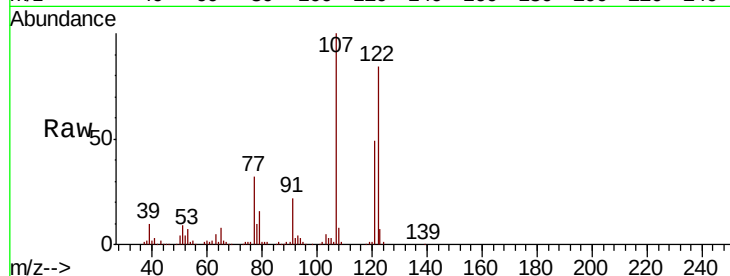
Tot Ion:122 Resp: 238670

Ion Ratio Lower Upper

122 100

107 119.5 98.8 148.2

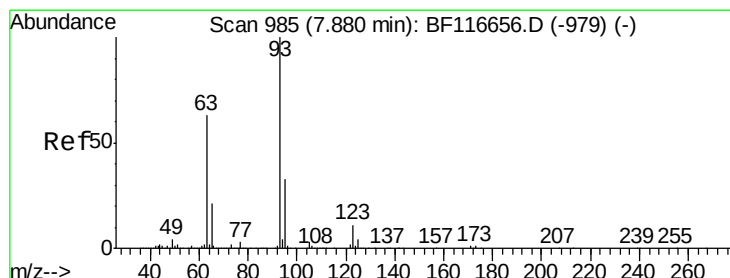
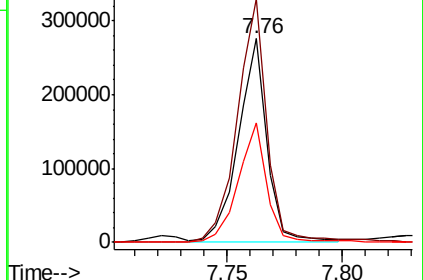
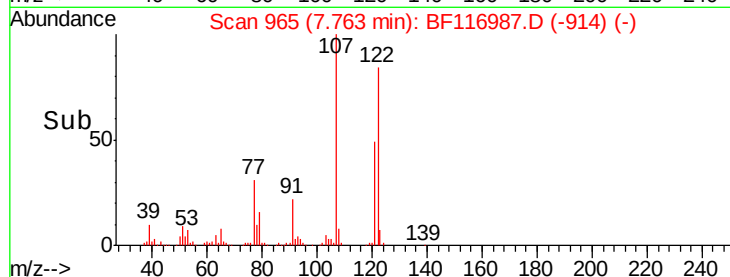
121 58.3 44.8 67.2



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: 45.431 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

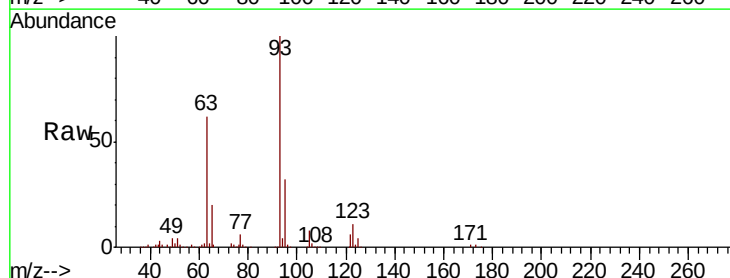
Tgt Ion: 93 Resp: 331925

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

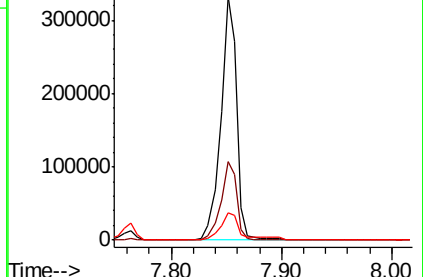
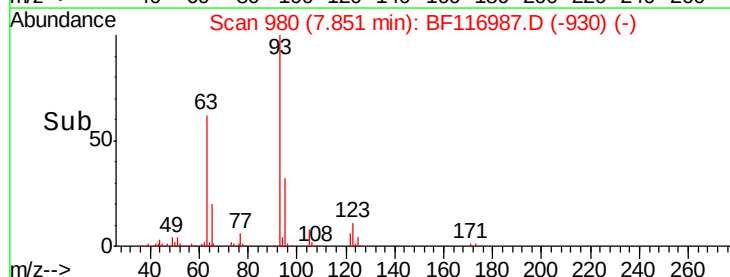
123 11.0 9.7 14.5

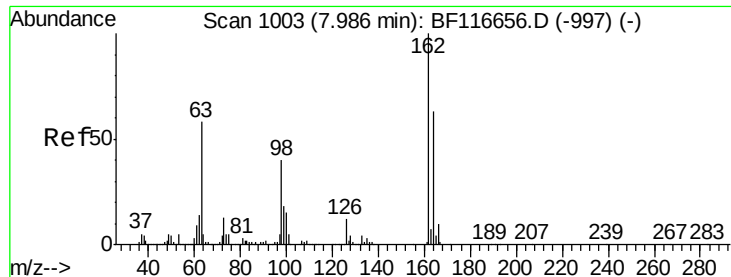


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

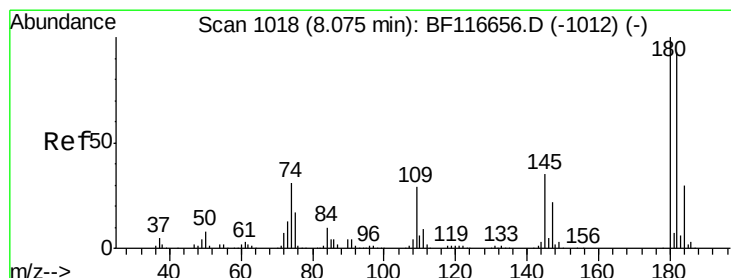
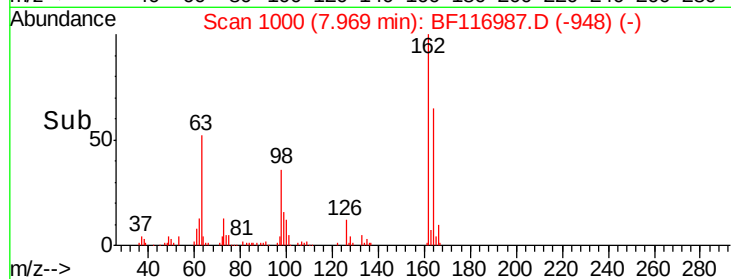
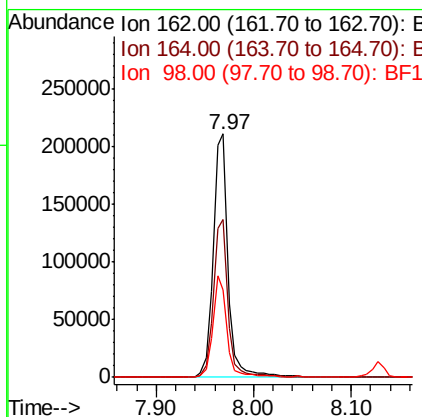
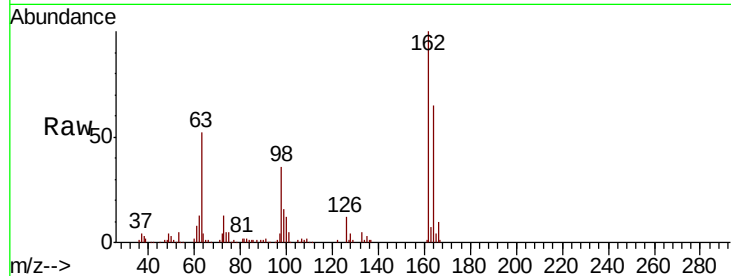




#29
2,4-Dichlorophenol
Concen: 51.410 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

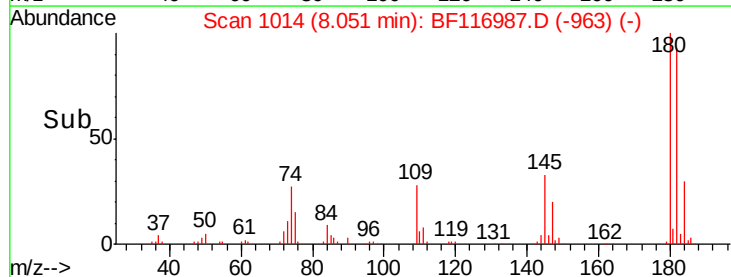
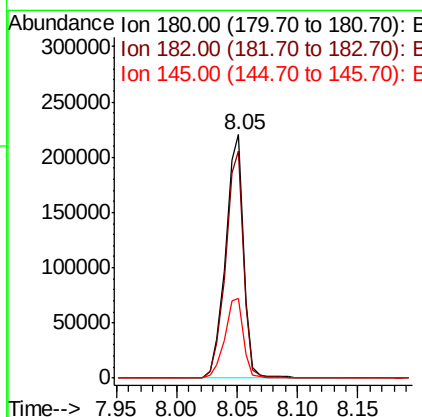
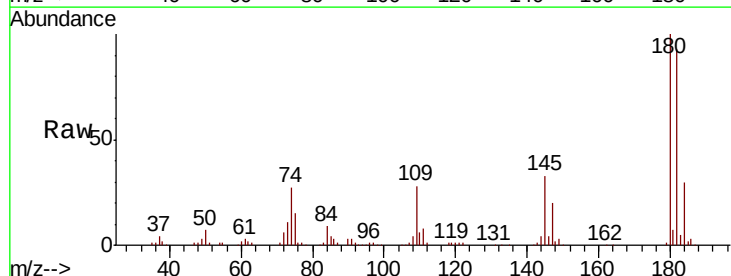
Instrument :
BNA_F
ClientSampled :

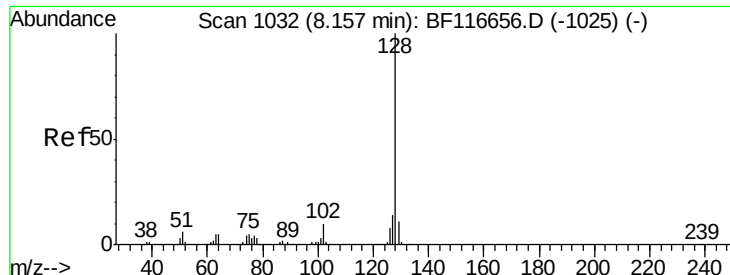
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	35.9	22.8	62.8



#30
1,2,4-Trichlorobenzene
Concen: 48.448 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.3	115.9
145	32.6	27.4	41.2

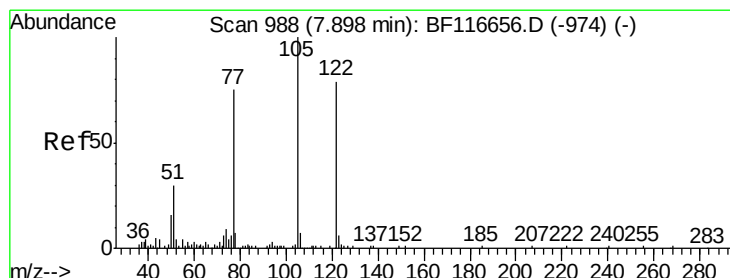
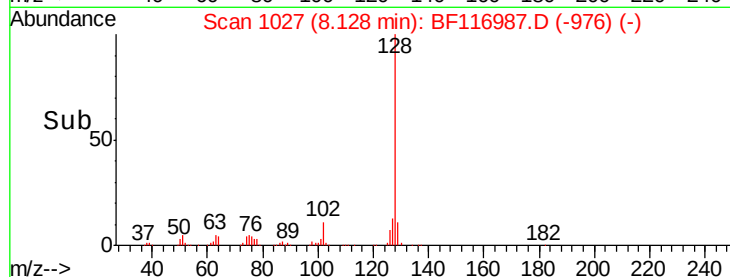
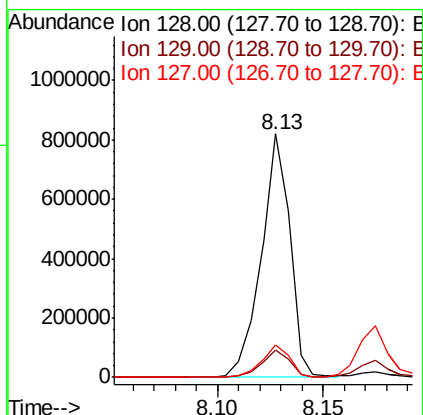
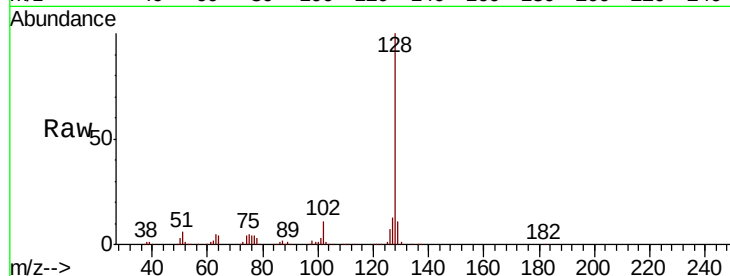




#31
Naphthalene
Concen: 48.347 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

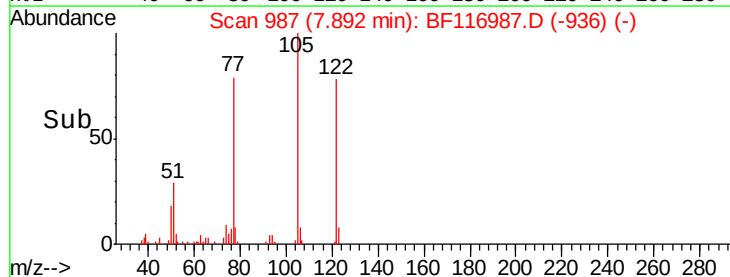
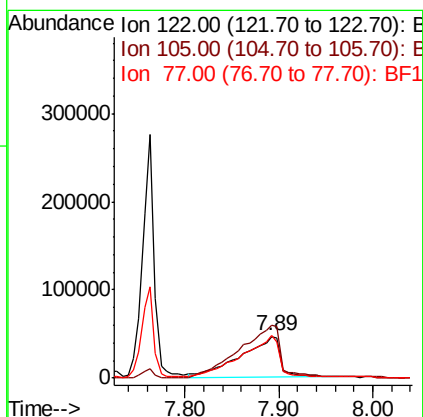
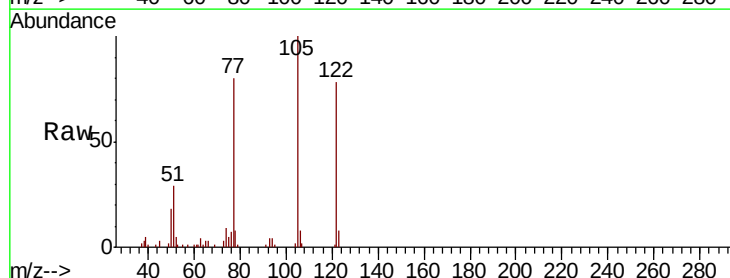
Instrument :
BNA_F
ClientSampleId :

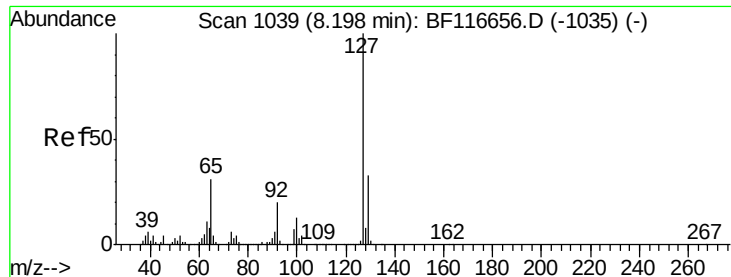
Tot Ion:128 Resp: 774342
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 53.378 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:122 Resp: 135797
Ion Ratio Lower Upper
122 100
105 128.5 105.8 145.8
77 102.9 74.3 114.3

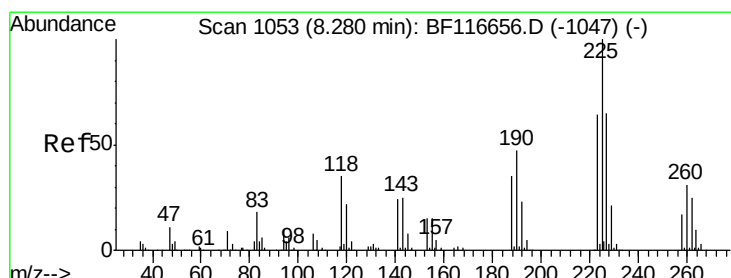
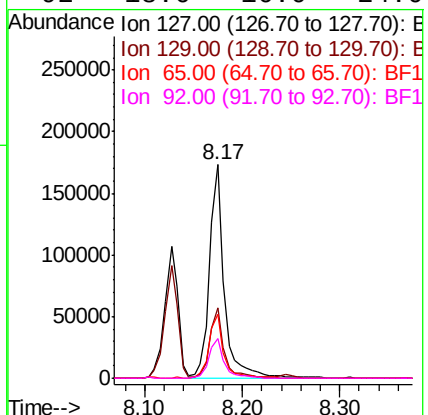
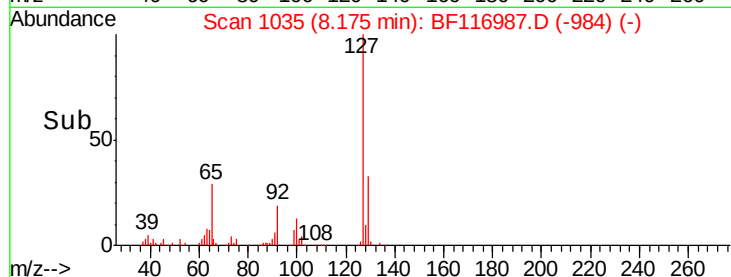
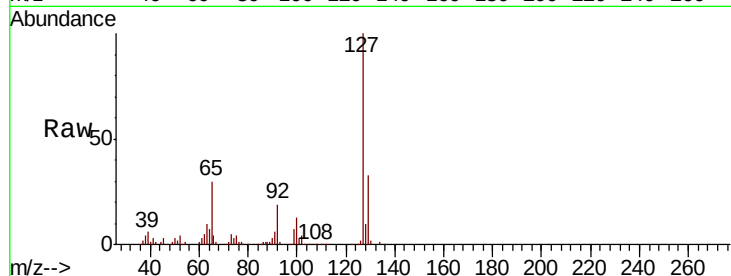




#33
4-Chloroaniline
Concen: 24.925 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

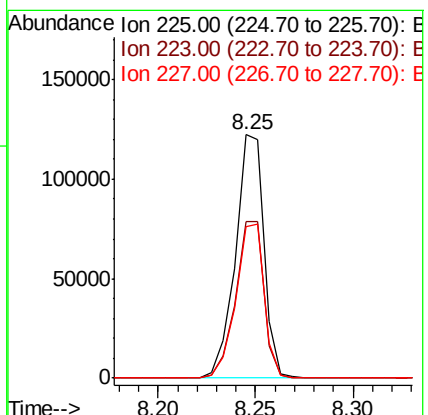
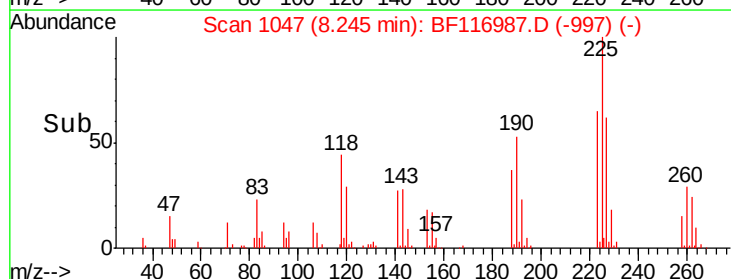
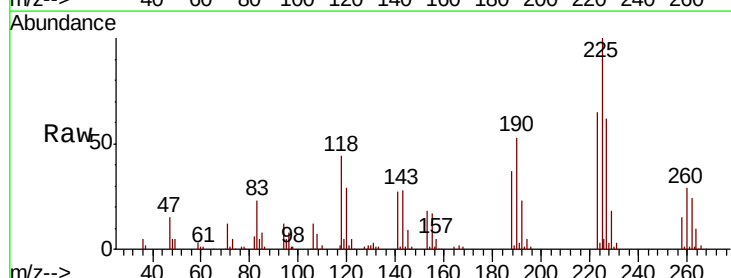
Instrument :
BNA_F
ClientSampled :

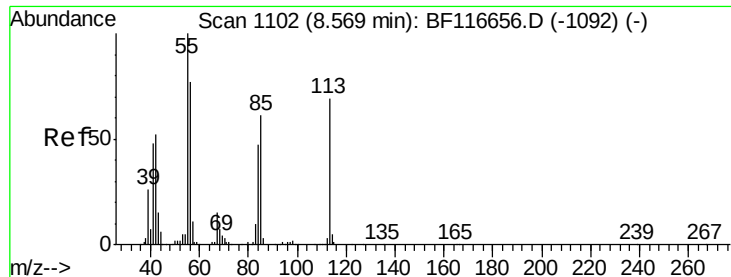
Tot Ion:	127	Resp:	181722
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	30.0	25.3	37.9
92	18.6	16.0	24.0



#34
Hexachlorobutadiene
Concen: 48.434 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:	225	Resp:	124028
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.8	74.6
227	62.2	50.6	75.8

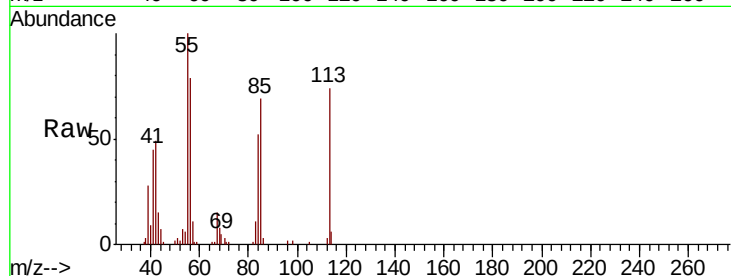




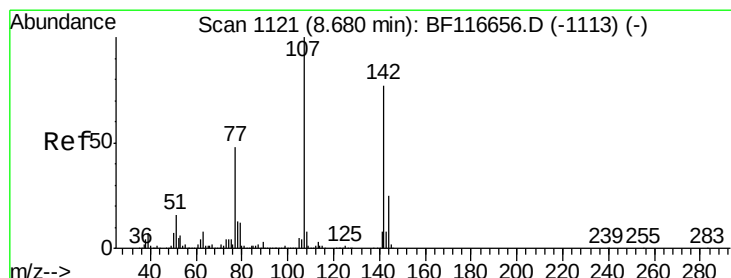
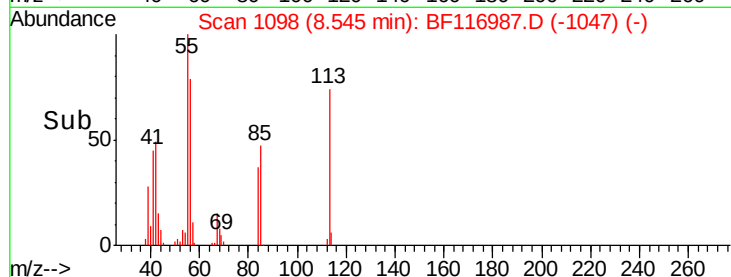
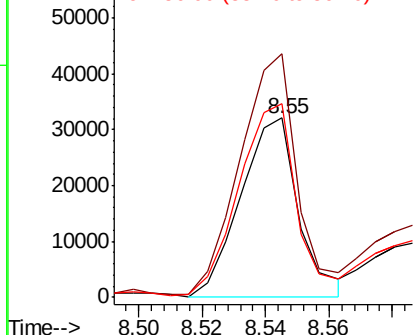
#35
 Caprolactam
 Concen: 25.117 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 40702
 Ion Ratio Lower Upper
 113 100
 55 135.8 116.6 156.6
 56 107.8 91.3 131.3

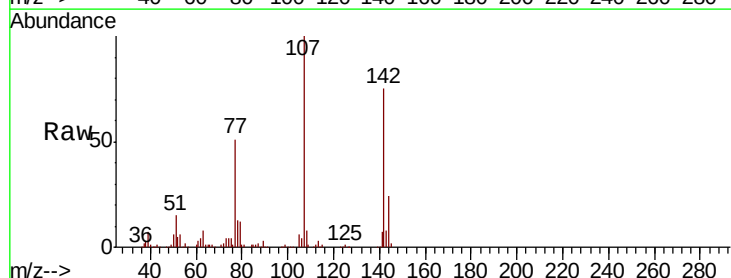


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

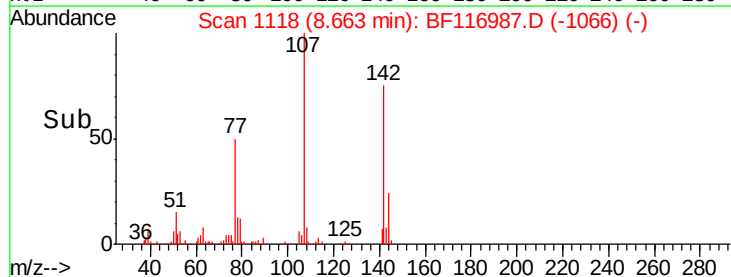
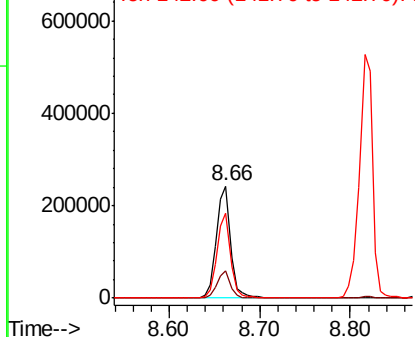


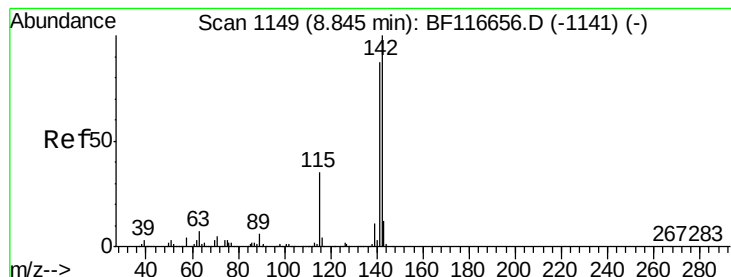
#36
 4-Chloro-3-methylphenol
 Concen: 52.932 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion:107 Resp: 263423
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.6 28.0
 142 75.5 55.9 83.9



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: 49.814 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

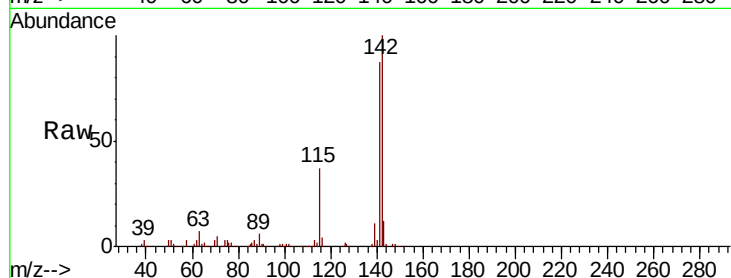
Tot Ion:142 Resp: 530850

Ion Ratio Lower Upper

142 100

141 87.3 70.5 105.7

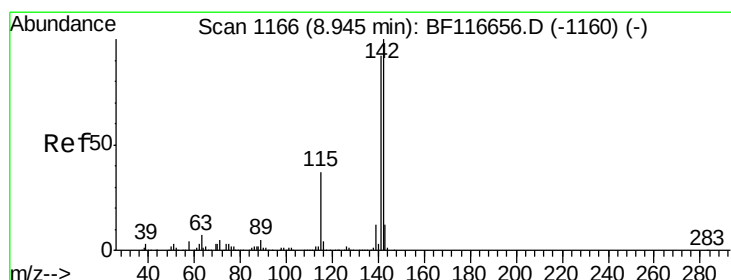
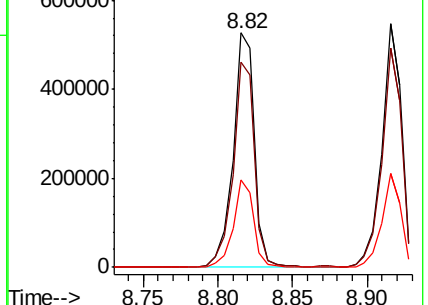
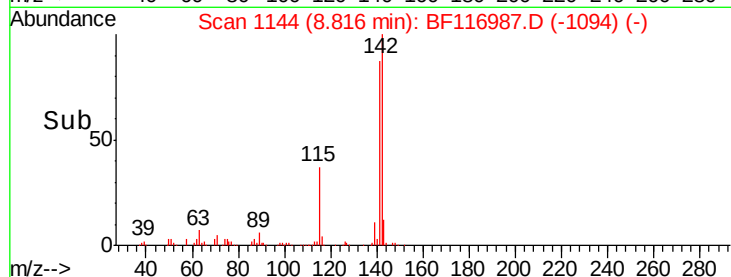
115 37.2 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.814 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

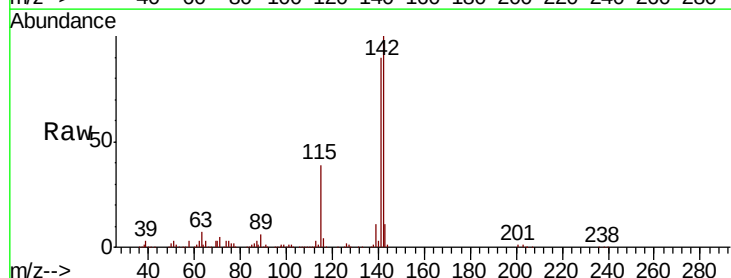
Tgt Ion:142 Resp: 491054

Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9

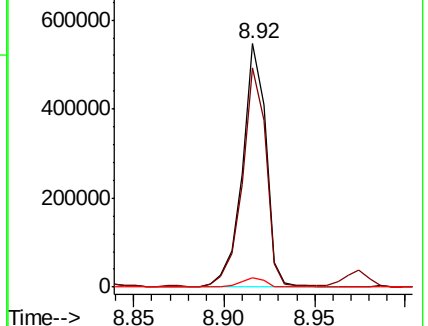
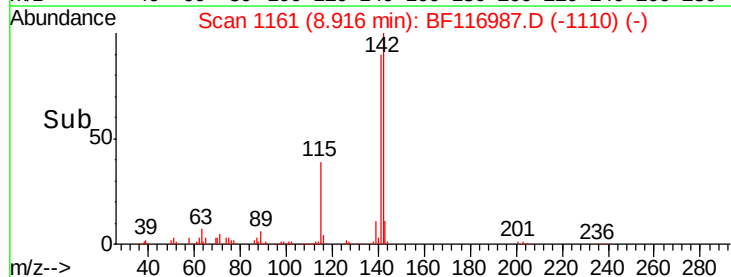
116 3.9 3.2 4.8

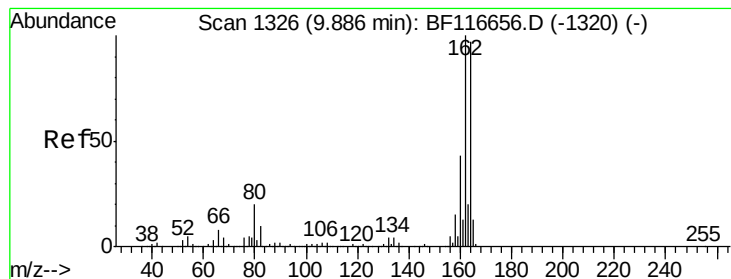


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampled :

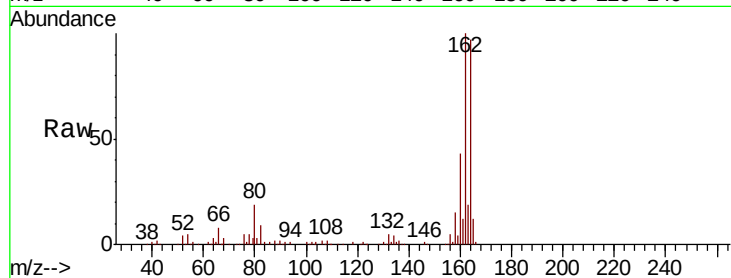
Tot Ion:164 Resp: 171670

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 44.1 35.7 53.5

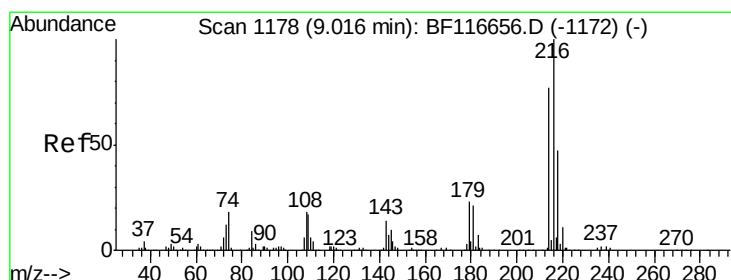
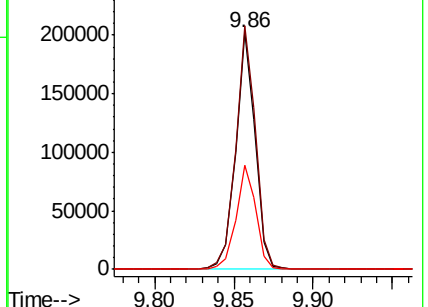
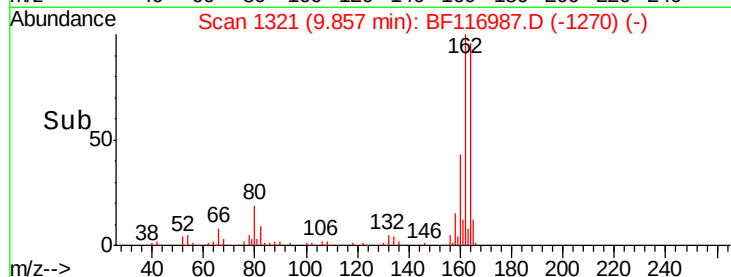


Abundance

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: 49.160 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:216 Resp: 202306

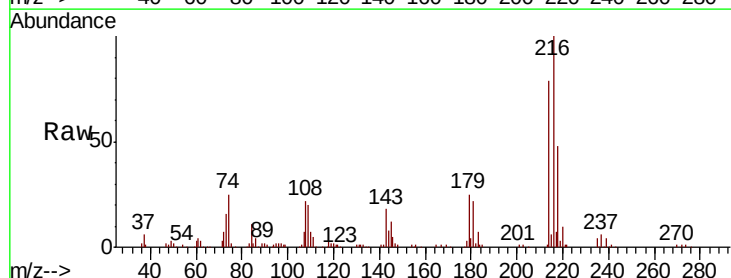
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 24.0 19.3 28.9

108 25.1 18.7 28.1



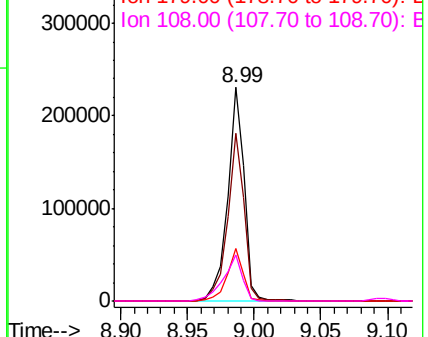
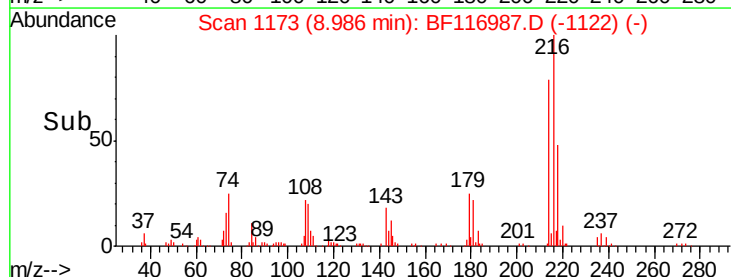
Abundance

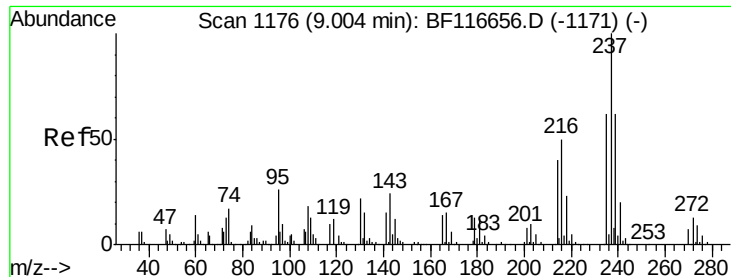
Ion 216.00 (215.70 to 216.70): E

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

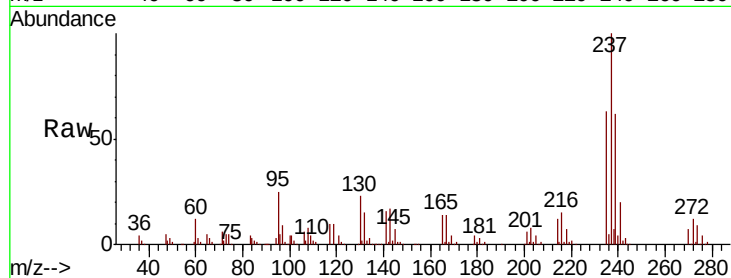




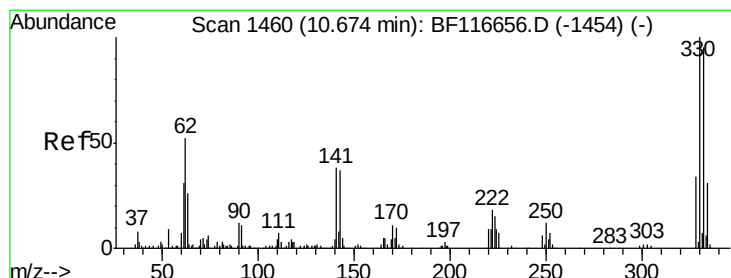
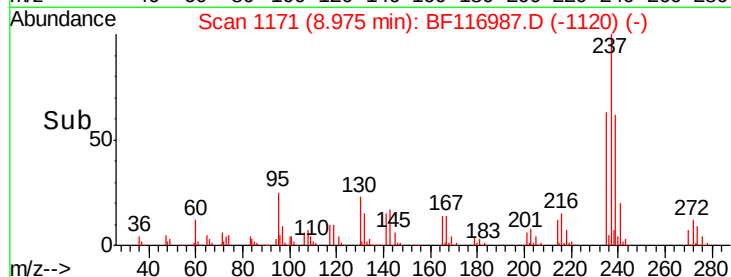
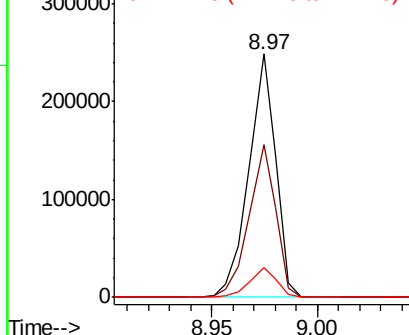
#41
Hexachlorocyclopentadiene
Concen: 93.093 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	45.8	85.8
272	12.4	0.0	33.4

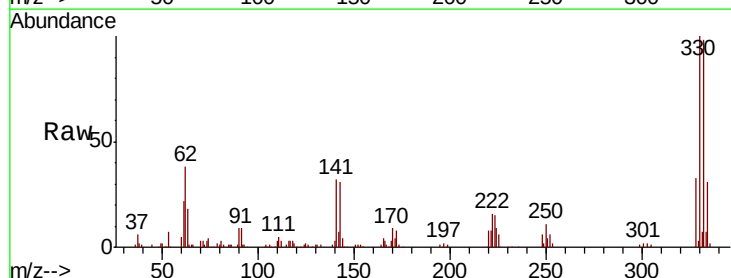


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

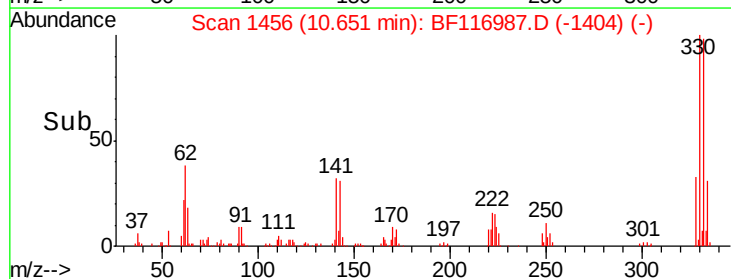
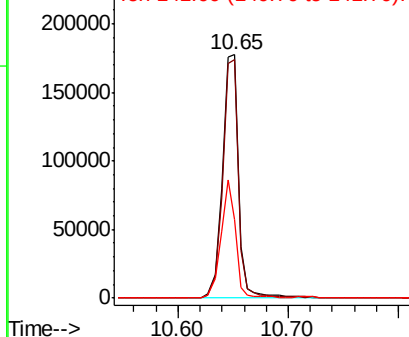


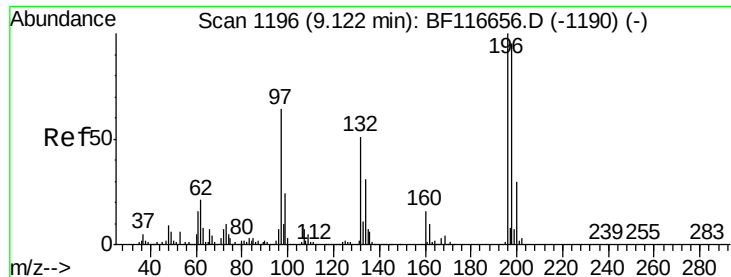
#42
2,4,6-Tribromophenol
Concen: 158.976 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.9	113.9
141	43.2	35.6	53.4



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

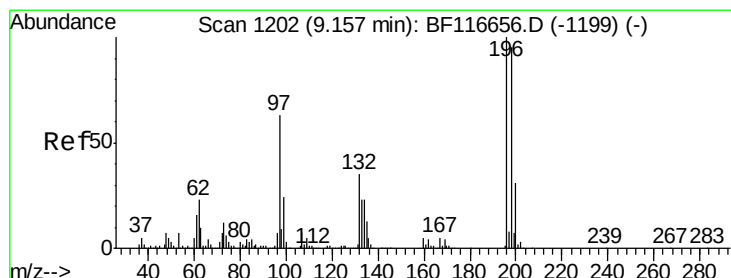
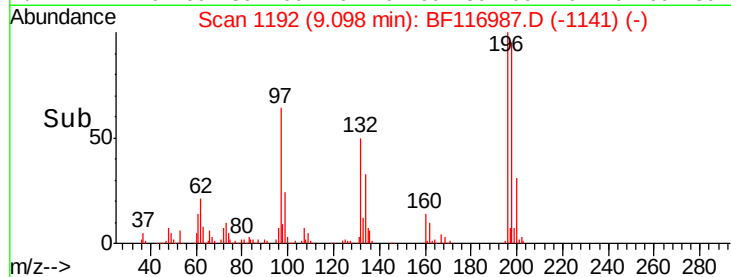
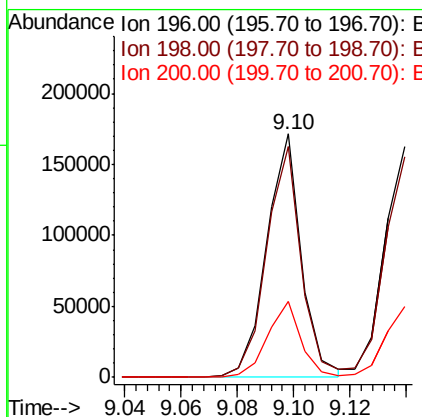
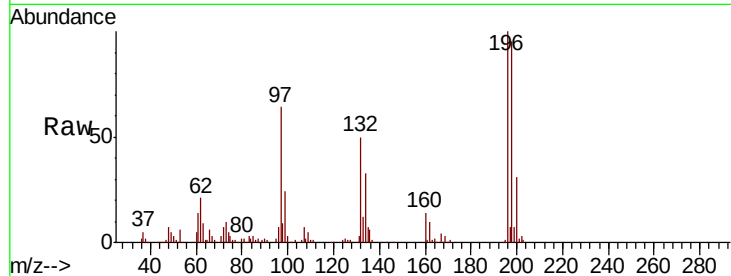




#43
 2,4,6-Trichlorophenol
 Concen: 51.640 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

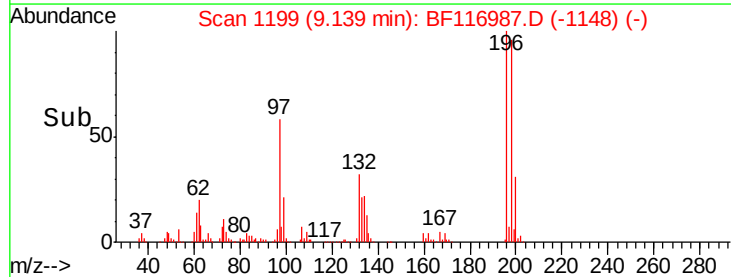
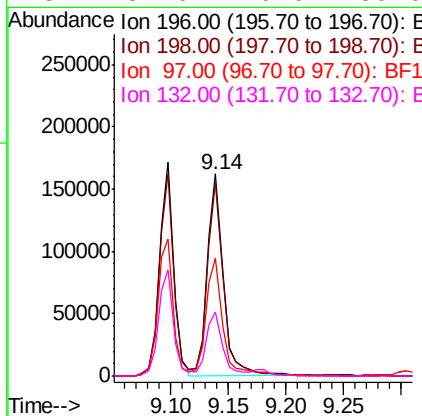
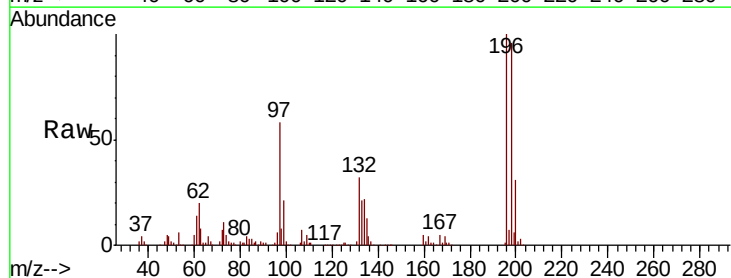
Instrument :
 BNA_F
 ClientSampleId :

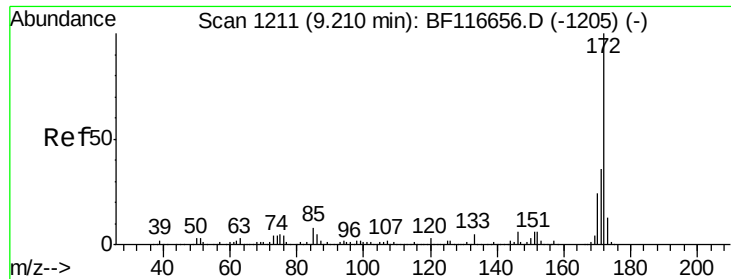
Tot Ion:196 Resp: 145676
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.4 116.0
 200 31.1 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 54.119 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion:196 Resp: 158497
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.7 112.1
 97 58.0 45.4 68.0
 132 31.6 26.0 39.0

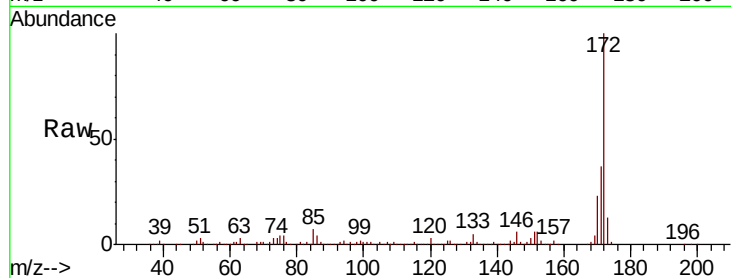




#45
 2-Fluorobiphenyl
 Concen: 84.005 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	23.1	19.2	28.8

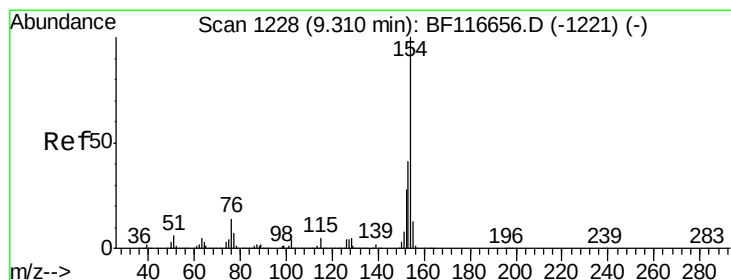
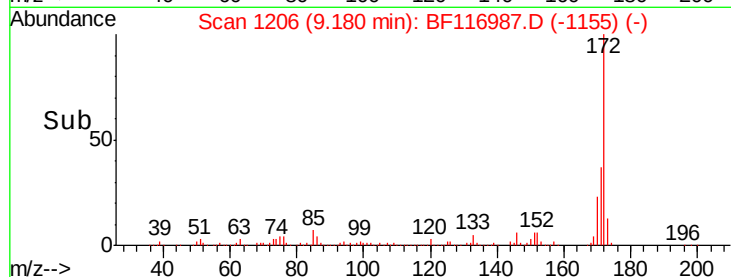
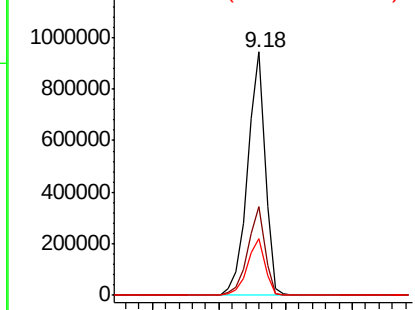


Abundance

Ion 172.00 (171.70 to 172.70): E

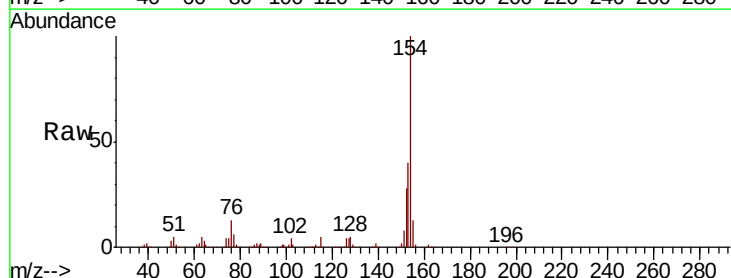
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 48.000 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.8	59.8
76	12.6	0.0	32.8

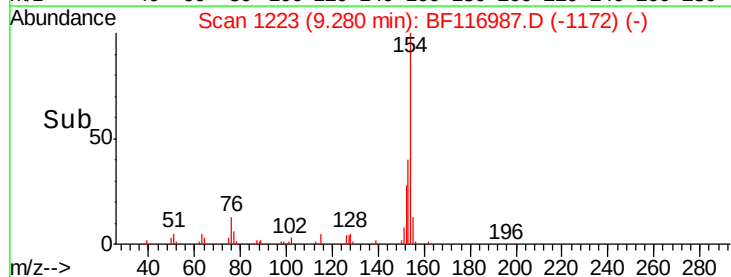
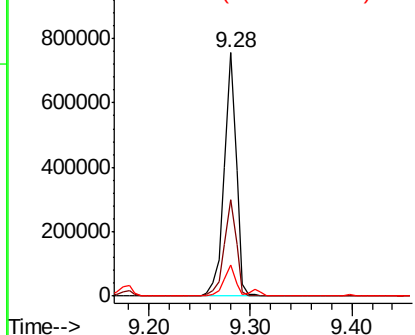


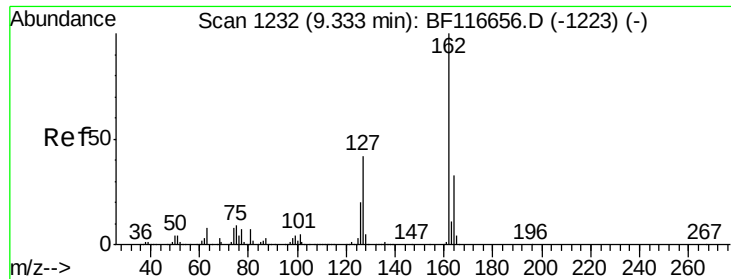
Abundance

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

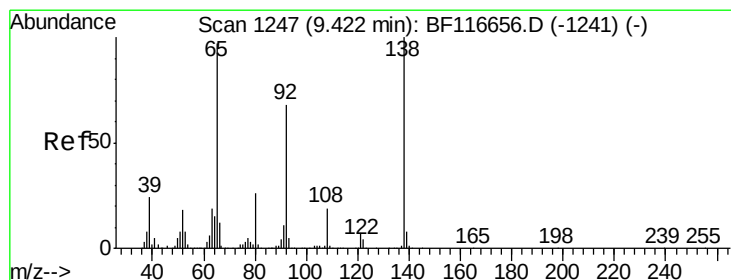
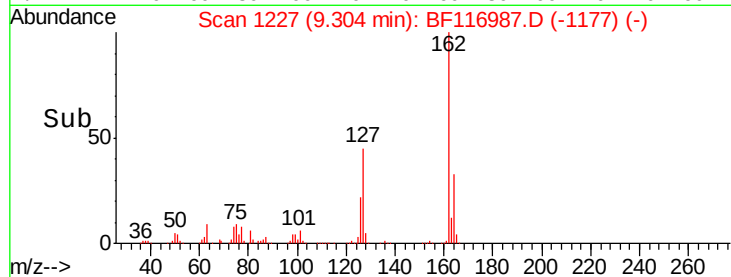
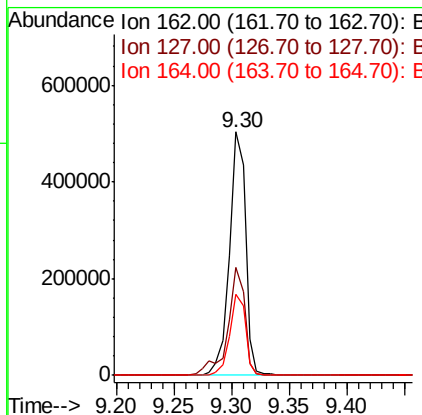
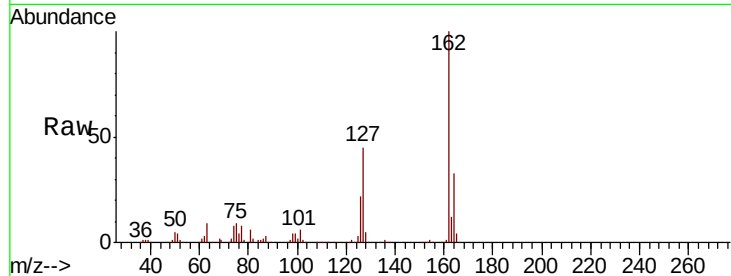




#47
 2-Chloronaphthalene
 Concen: 47.434 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

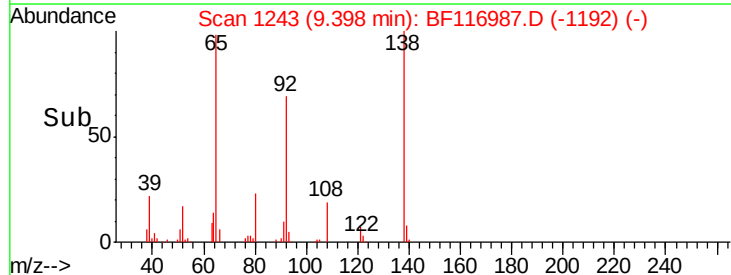
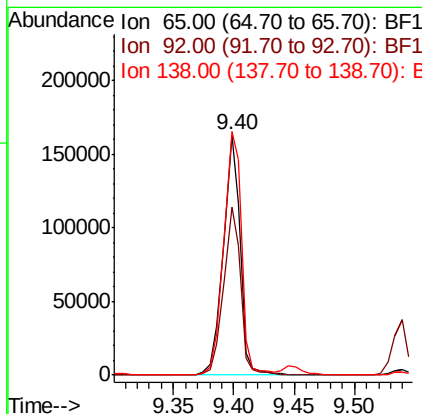
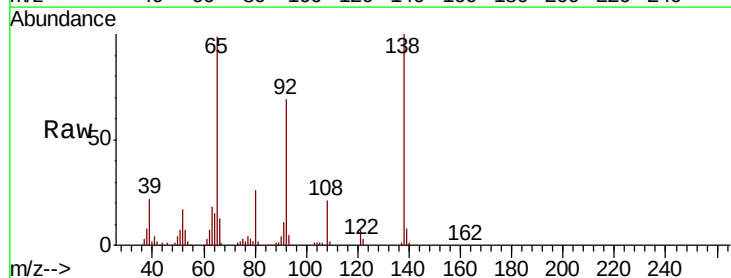
Instrument :
 BNA_F
 ClientSampleId :

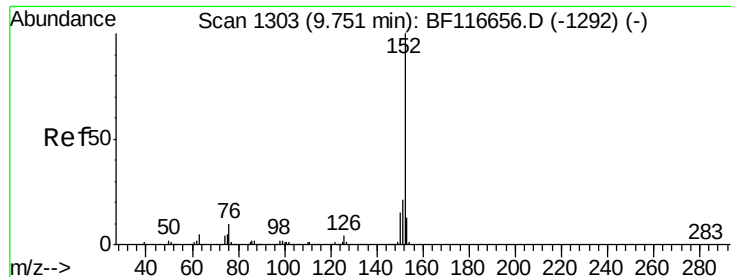
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.6	32.7	49.1
164	33.3	27.0	40.4



#48
 2-Nitroaniline
 Concen: 52.478 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	59.0	88.6
138	101.5	84.2	126.2





#49

Acenaphthylene

Concen: 49.682 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampled :

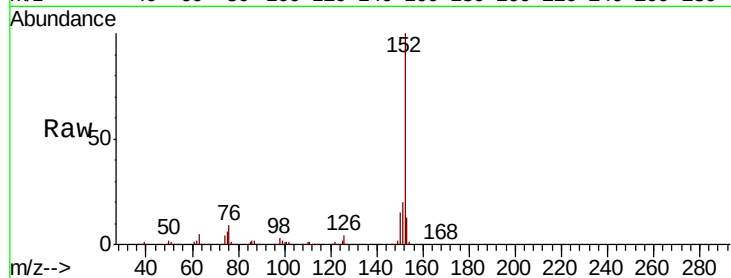
Tot Ion:152 Resp: 774859

Ion Ratio Lower Upper

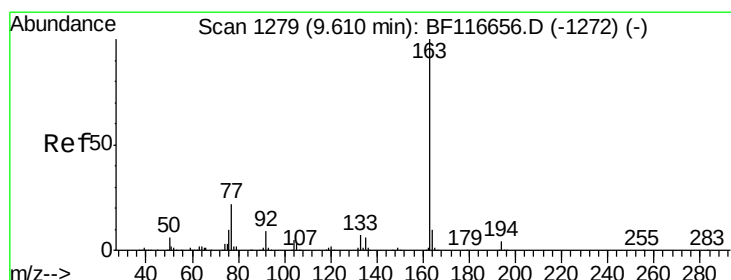
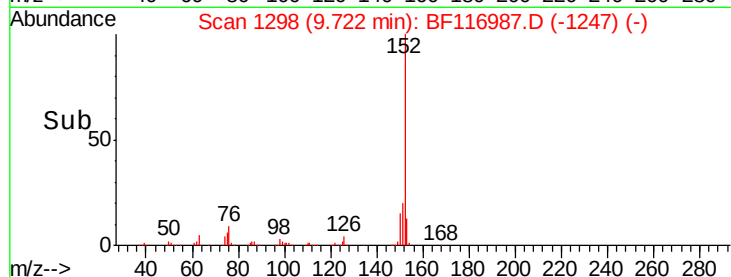
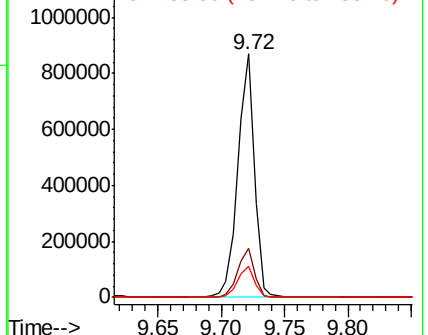
152 100

151 20.2 16.1 24.1

153 12.8 10.3 15.5



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: 47.807 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

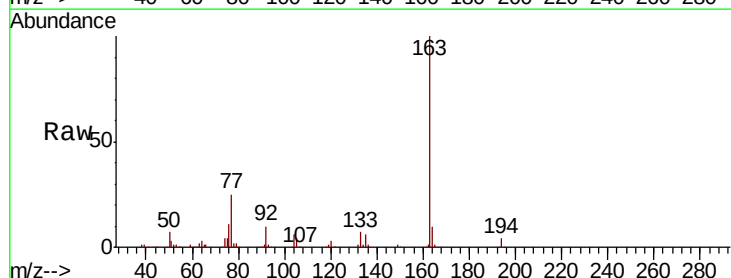
Tgt Ion:163 Resp: 566605

Ion Ratio Lower Upper

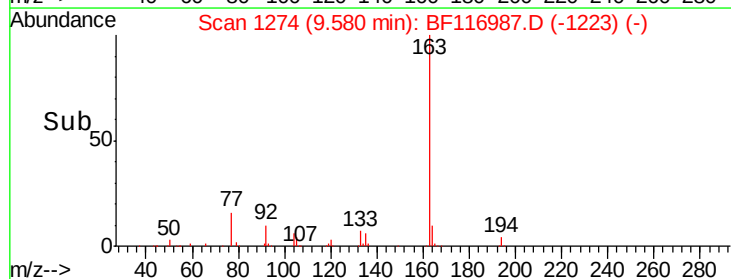
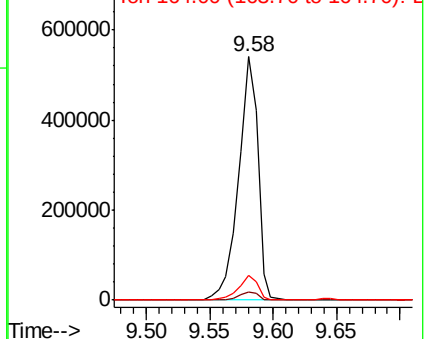
163 100

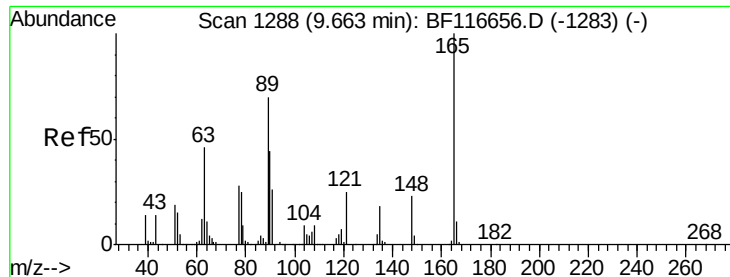
194 3.6 2.7 4.1

164 10.2 8.2 12.4



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

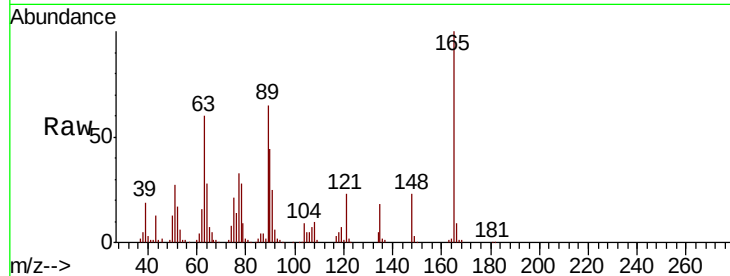




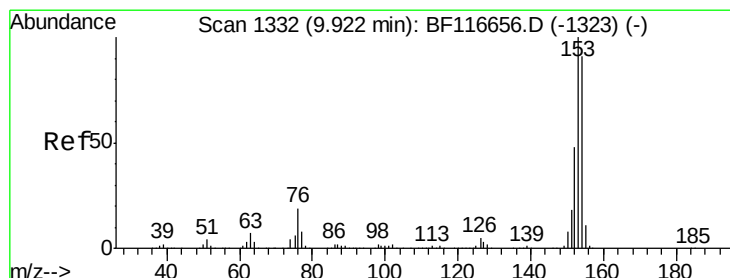
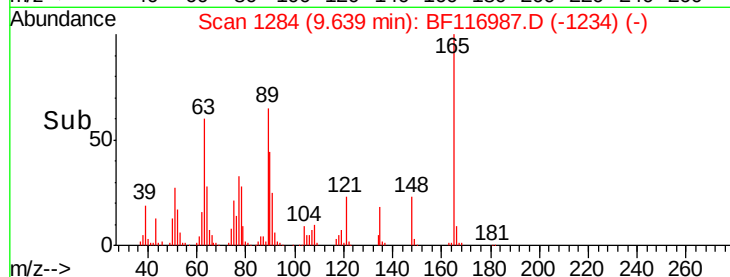
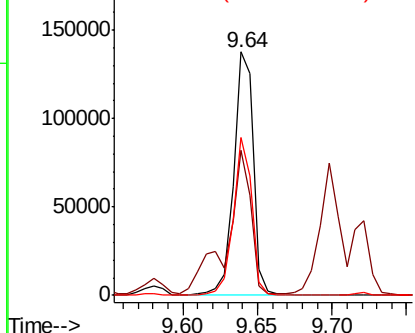
#51
 2,6-Dinitrotoluene
 Concen: 56.577 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 127936
 Ion Ratio Lower Upper
 165 100
 63 59.6 38.0 57.0#
 89 65.0 44.1 66.1

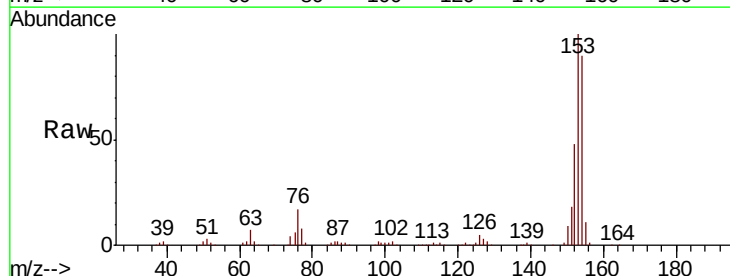


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

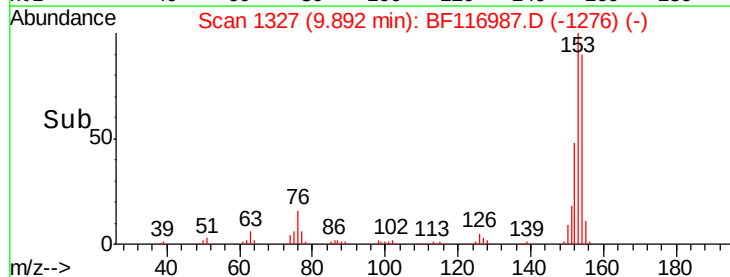
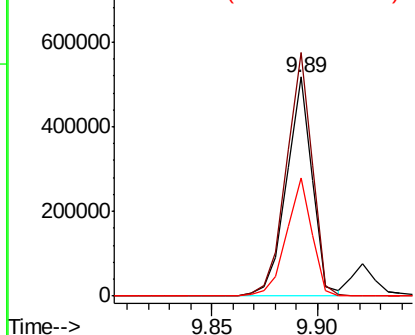


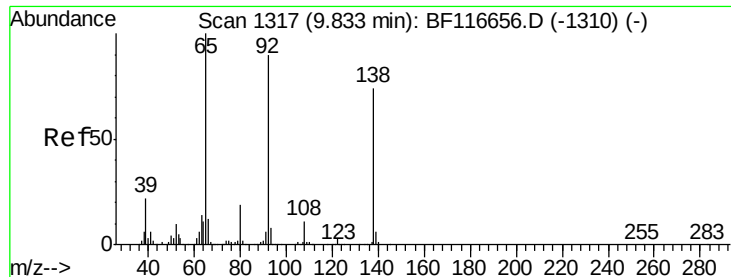
#52
 Acenaphthene
 Concen: 46.196 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion:154 Resp: 442692
 Ion Ratio Lower Upper
 154 100
 153 111.3 89.9 134.9
 152 53.8 42.6 63.8



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

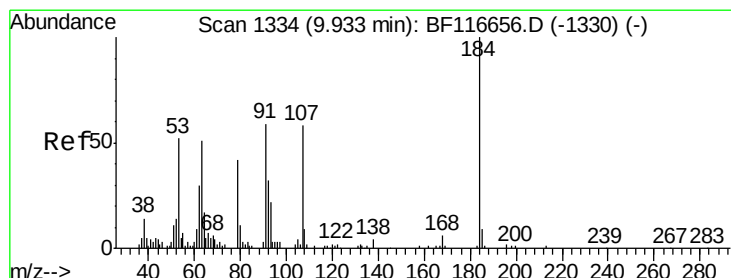
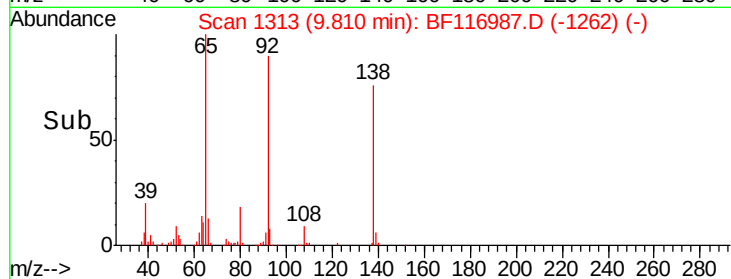
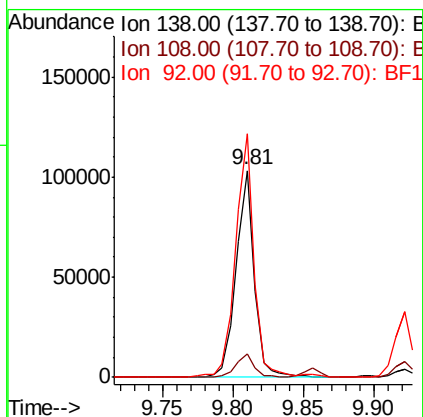
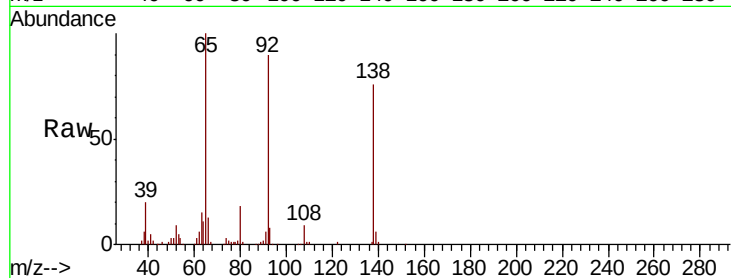




#53
3-Nitroaniline
Concen: 32.739 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

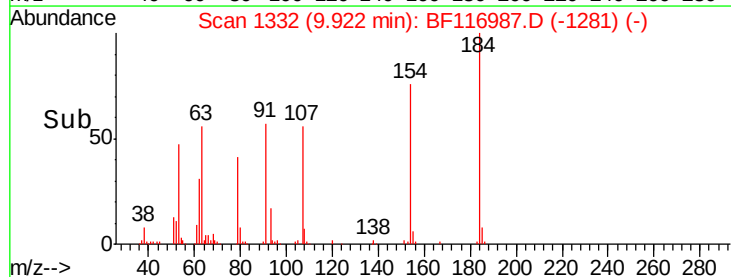
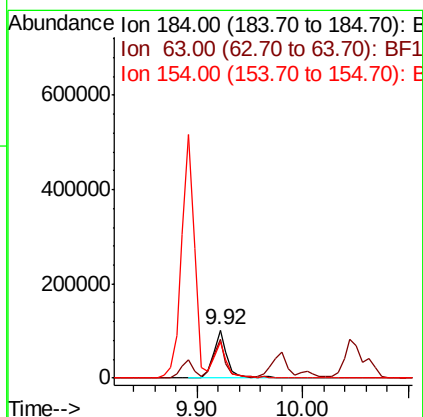
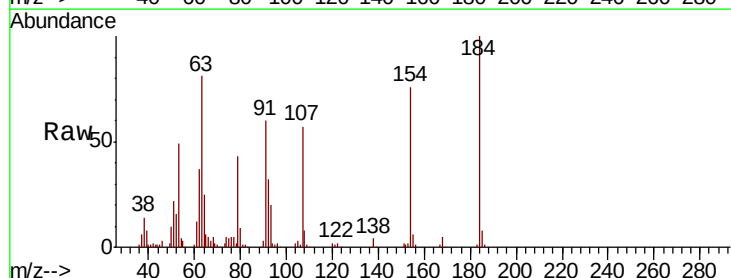
Instrument :
BNA_F
ClientSampleId :

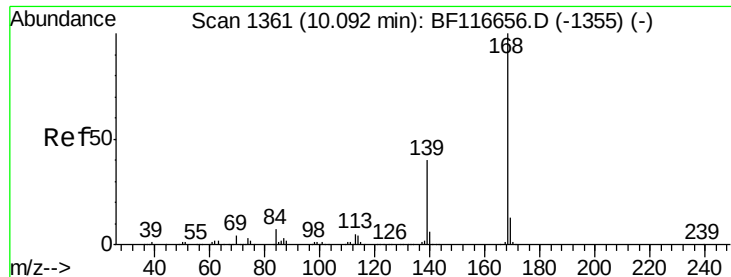
Tot Ion:138 Resp: 92776
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 117.9 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 115.131 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:184 Resp: 95969
Ion Ratio Lower Upper
184 100
63 80.7 49.0 73.4#
154 75.7 58.3 87.5

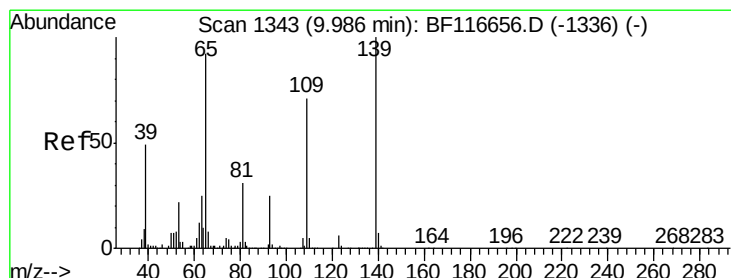
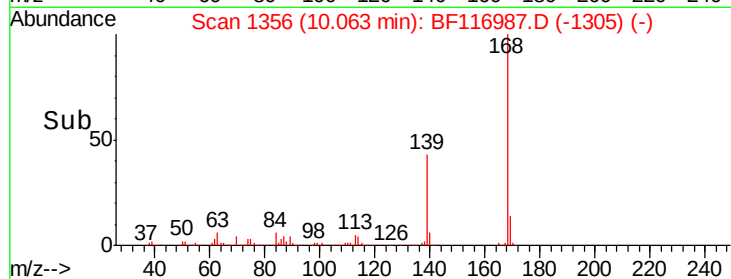
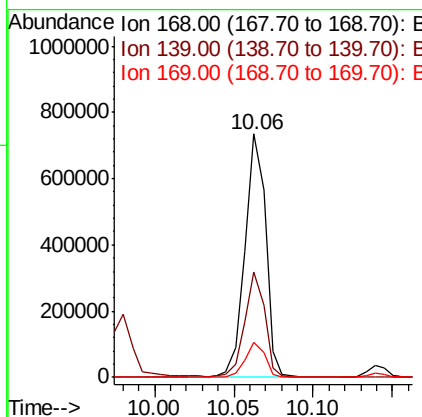
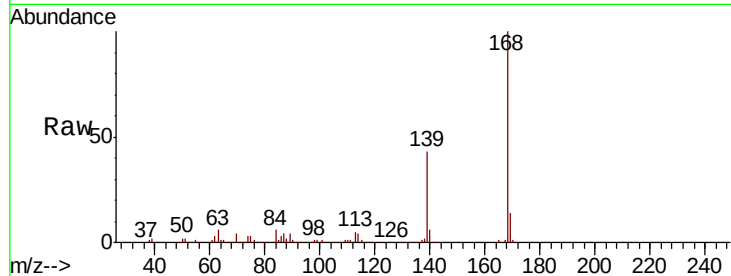




#55
Dibenzofuran
Concen: 49.398 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

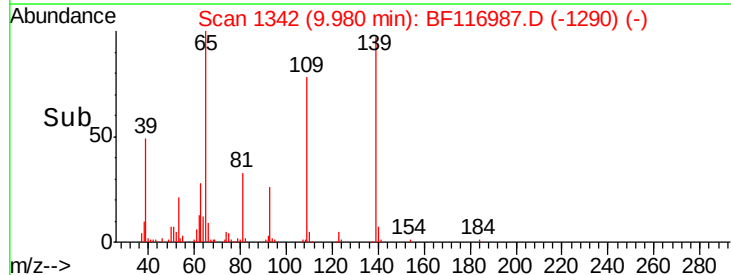
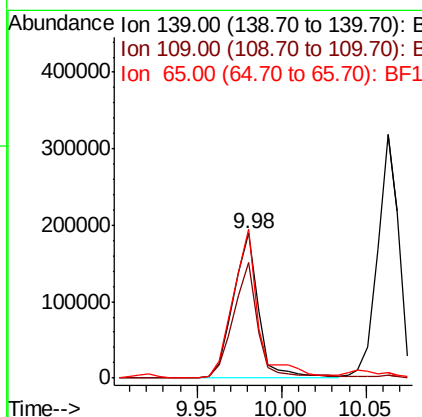
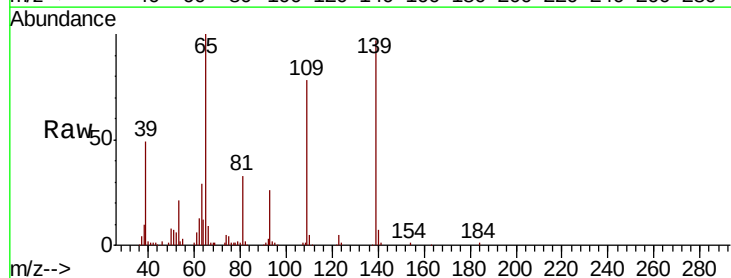
Instrument :
BNA_F
ClientSampled :

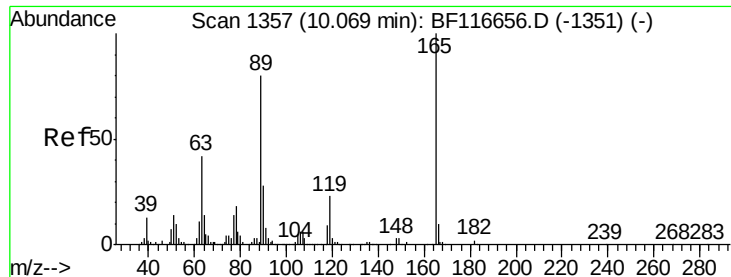
Tot Ion:168 Resp: 667325
Ion Ratio Lower Upper
168 100
139 43.3 34.2 51.4
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 102.536 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:139 Resp: 199238
Ion Ratio Lower Upper
139 100
109 80.0 54.0 94.0
65 102.7 74.0 114.0





#57

2,4-Dinitrotoluene

Concen: 60.601 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF116987.D

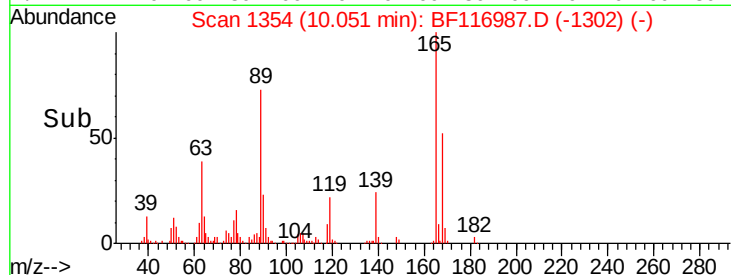
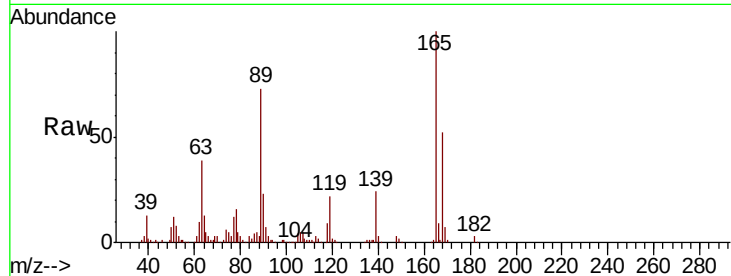
Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:	165	Resp:	167562
Ion	Ratio	Lower	Upper
165	100		
63	39.4	36.2	54.2
89	73.1	66.1	99.1
182	2.7	1.8	2.8

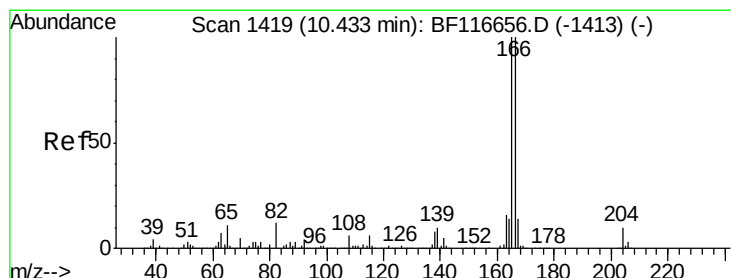
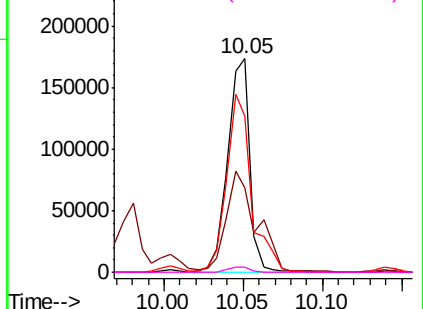


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.729 ng

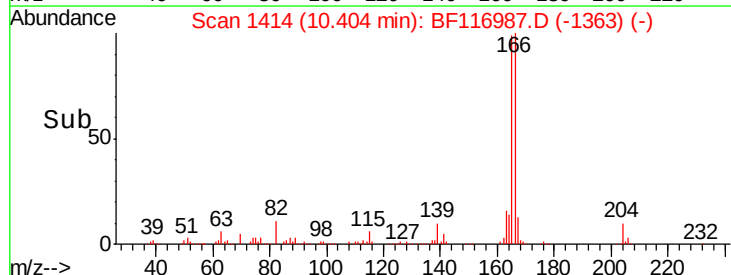
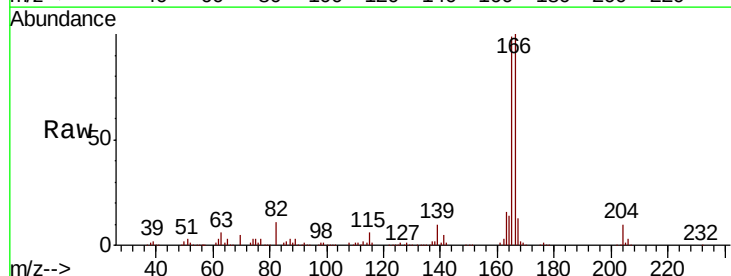
RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

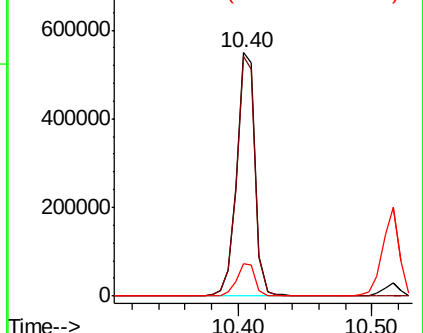
Tgt Ion:	166	Resp:	532471
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.0	115.6
167	13.2	10.7	16.1

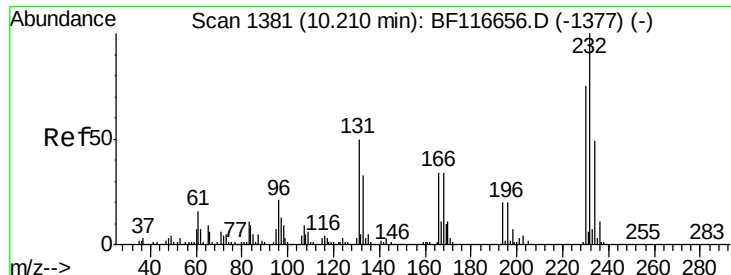


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

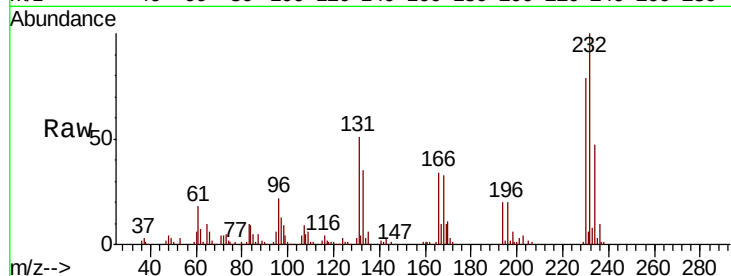




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.159 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	120814
Ion	Ratio	Lower	Upper
232	100		
131	57.4	46.1	69.1
130	2.5	2.2	3.4
166	36.9	29.1	43.7



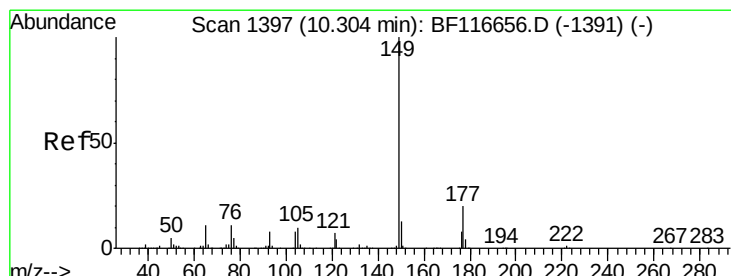
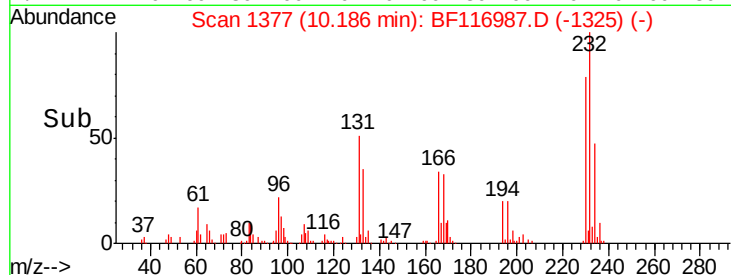
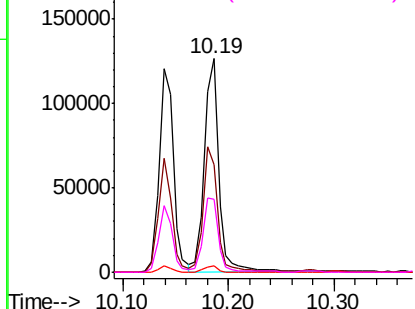
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

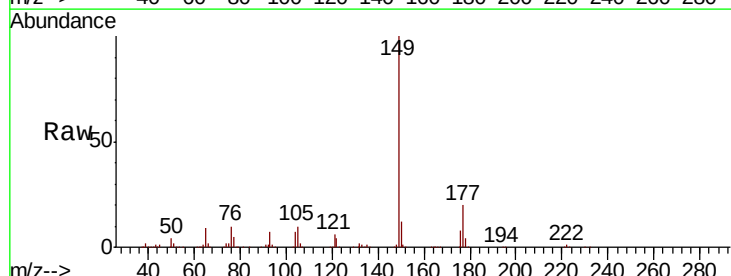
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.407 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion:	149	Resp:	562819
Ion	Ratio	Lower	Upper
149	100		
177	20.2	15.9	23.9
150	12.4	10.0	15.0

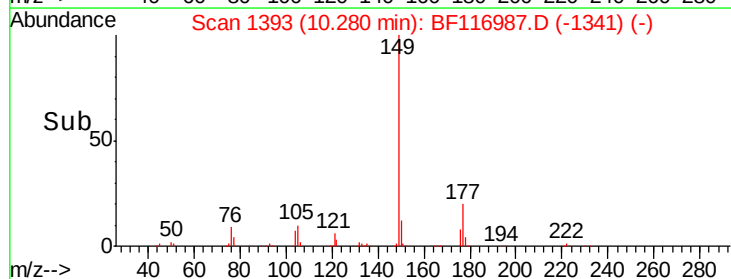
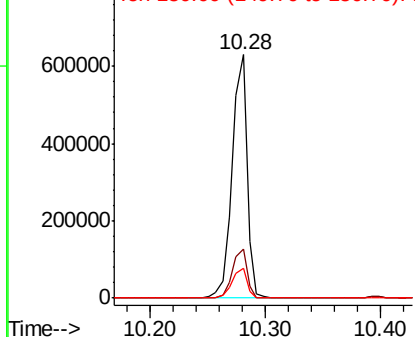


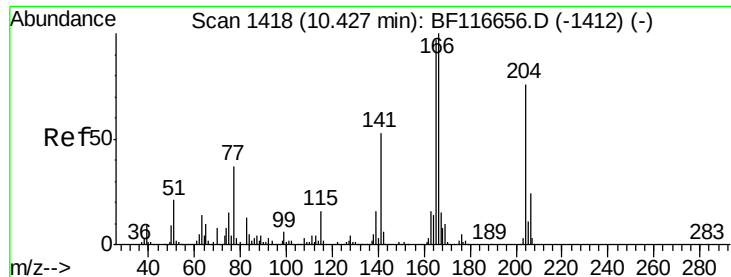
Abundance

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

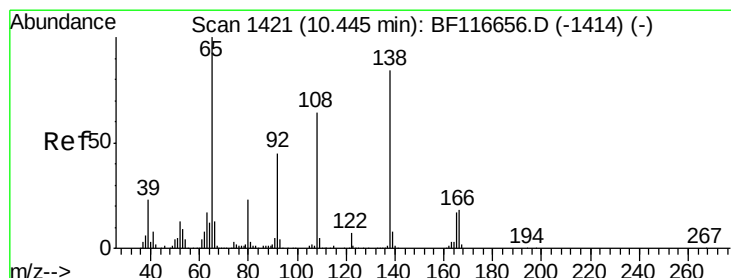
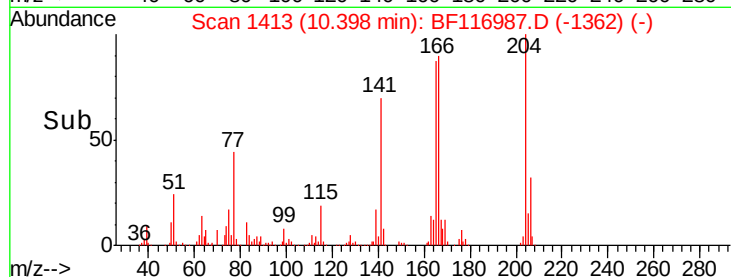
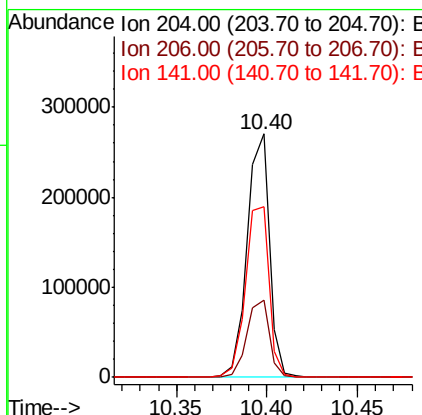
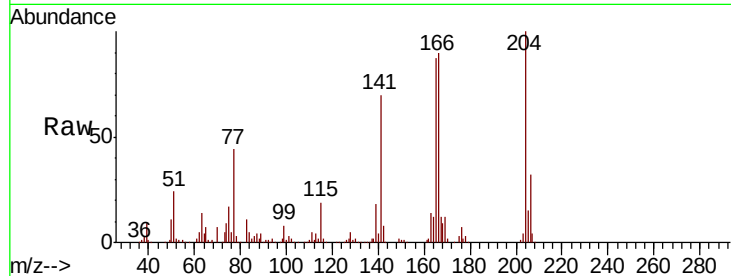




#61
 4-Chlorophenyl-phenylether
 Concen: 51.282 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

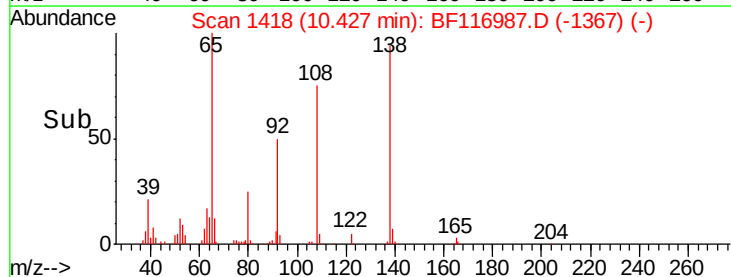
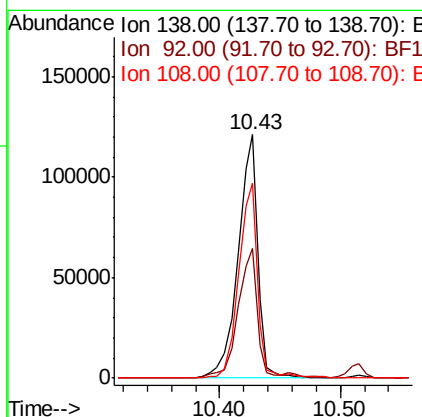
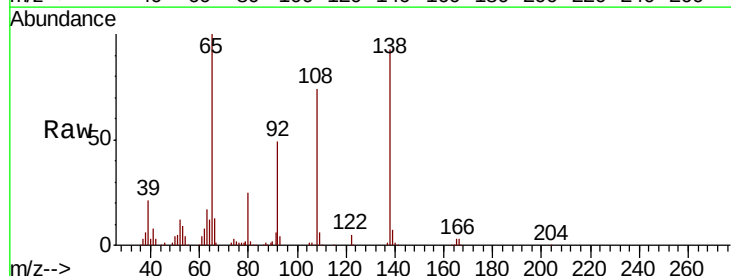
Instrument :
 BNA_F
 ClientSampleId :

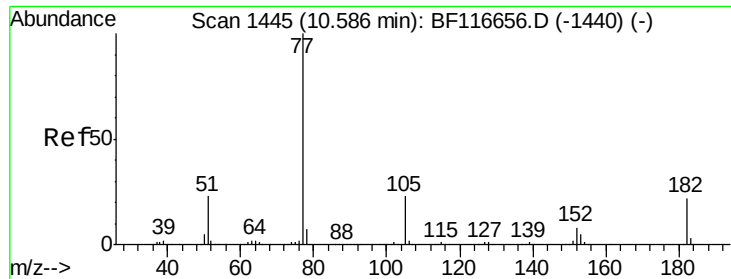
Tot Ion:204 Resp: 231153
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.2 39.2
 141 70.1 58.0 87.0



#62
 4-Nitroaniline
 Concen: 50.472 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion:138 Resp: 138805
 Ion Ratio Lower Upper
 138 100
 92 53.3 31.0 71.0
 108 79.8 59.1 99.1

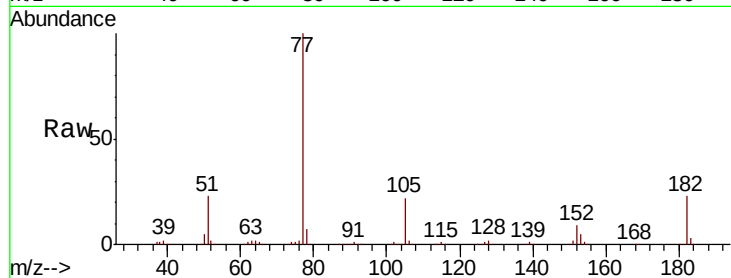




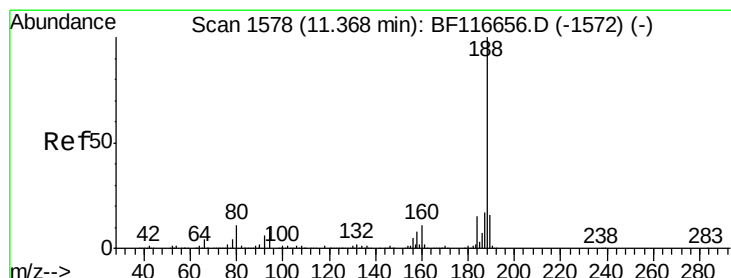
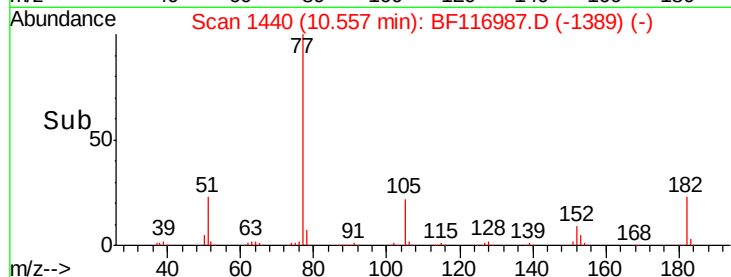
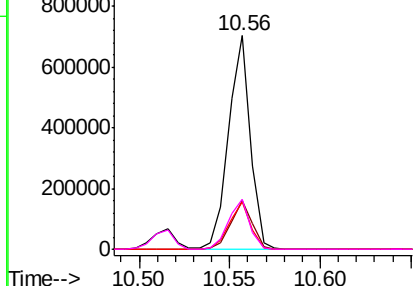
#63
Azobenzene
Concen: 47.544 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	588565
Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.9	41.9
105	22.1	1.5	41.5
51	23.4	3.6	43.6

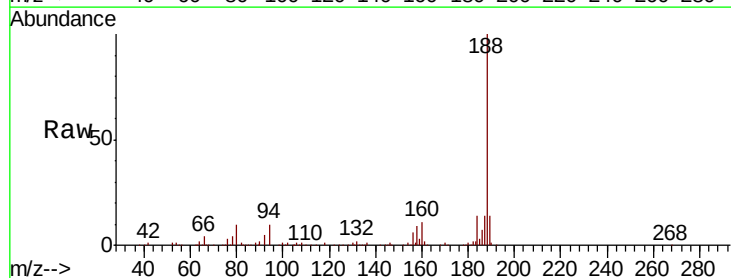


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

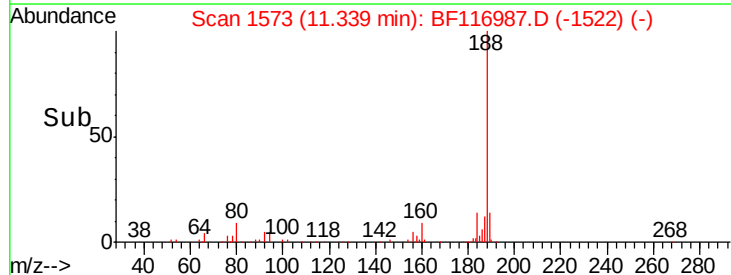
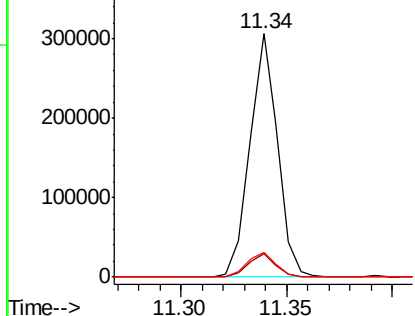


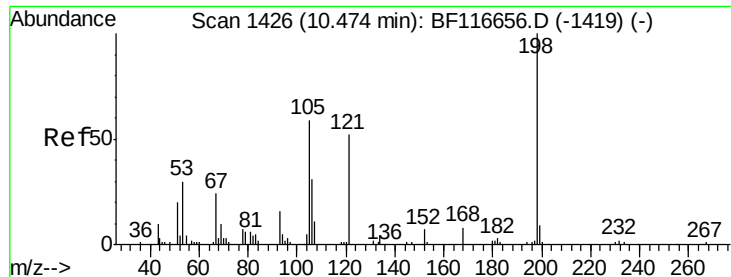
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:	188	Resp:	277902
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.0	8.5	12.7



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





#65

4,6-Dinitro-2-methylphenol

Concen: 63.683 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampled :

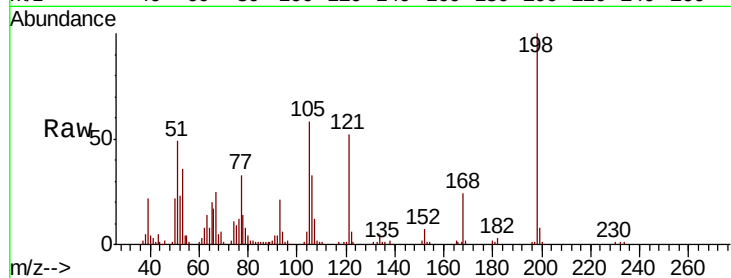
Tot Ion:198 Resp: 68129

Ion Ratio Lower Upper

198 100

51 49.3 26.3 66.3

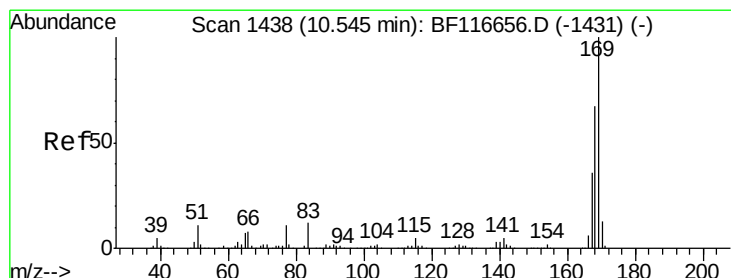
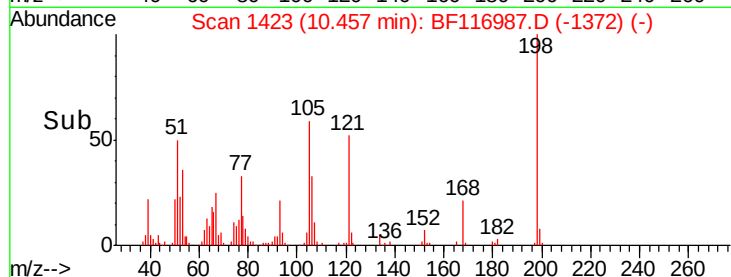
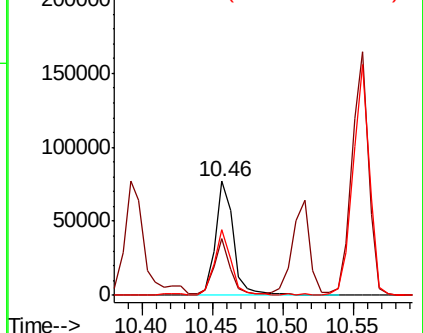
105 58.1 40.0 80.0



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: 48.650 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

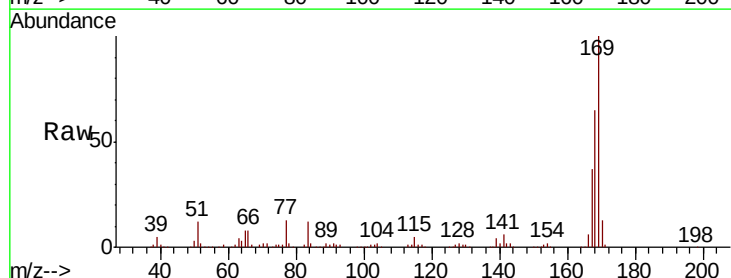
Tgt Ion:169 Resp: 467696

Ion Ratio Lower Upper

169 100

168 65.4 53.5 80.3

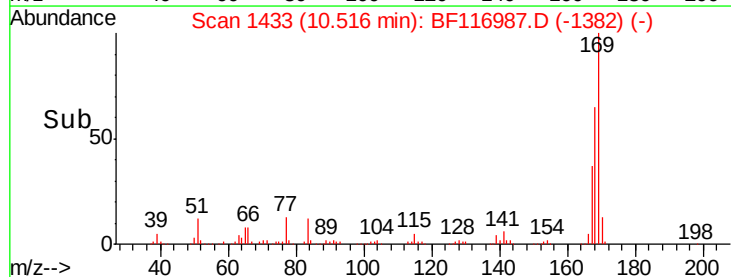
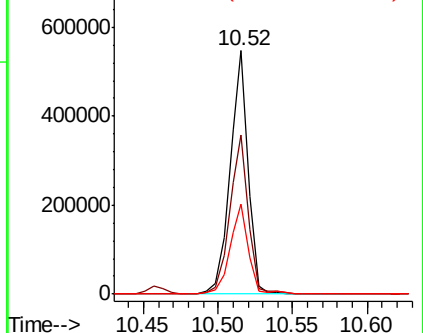
167 36.7 28.7 43.1

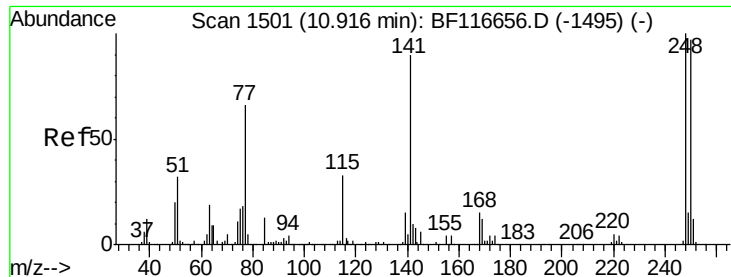


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

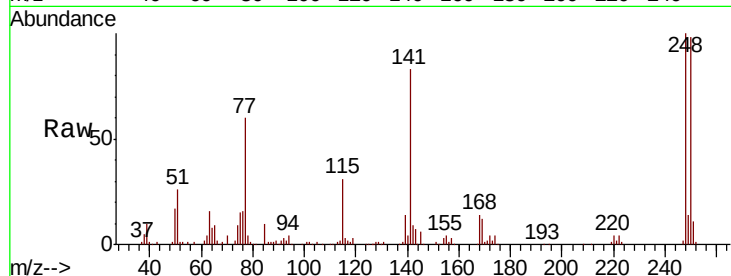




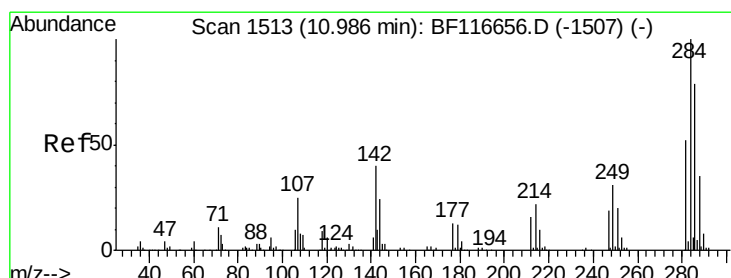
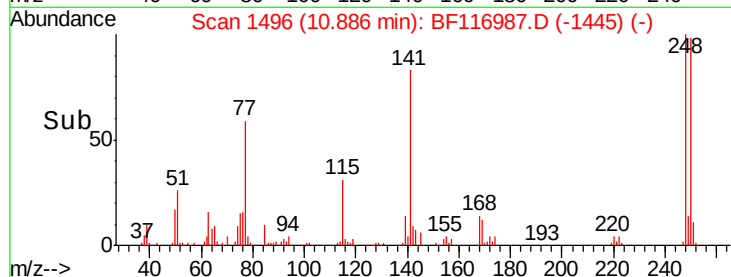
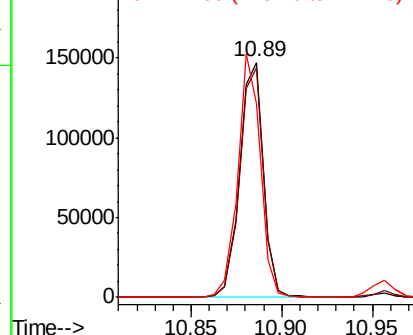
#67
4-Bromophenyl-phenylether
Concen: 47.589 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 134348
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.4
141 82.5 70.2 105.2

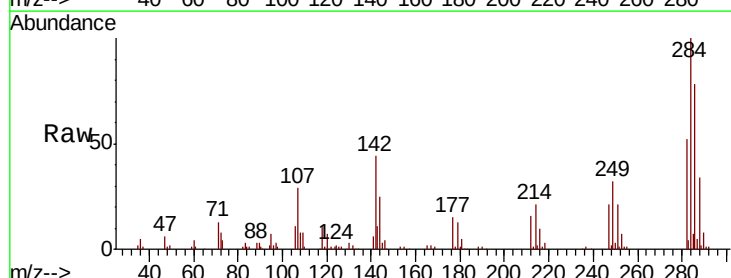


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

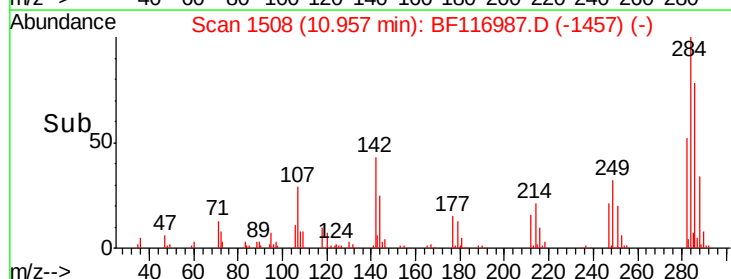
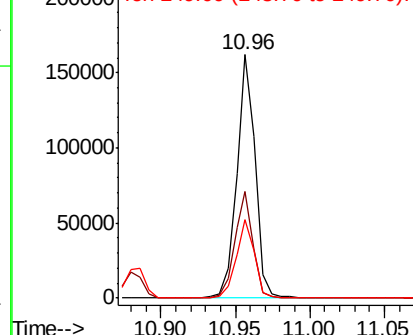


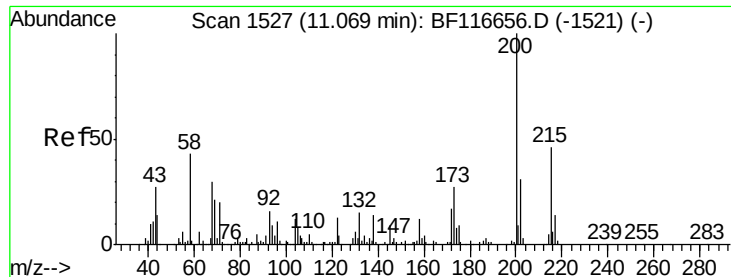
#68
Hexachlorobenzene
Concen: 47.588 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:284 Resp: 140562
Ion Ratio Lower Upper
284 100
142 43.6 37.2 55.8
249 32.3 25.9 38.9



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





#69

Atrazine

Concen: 47.210 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

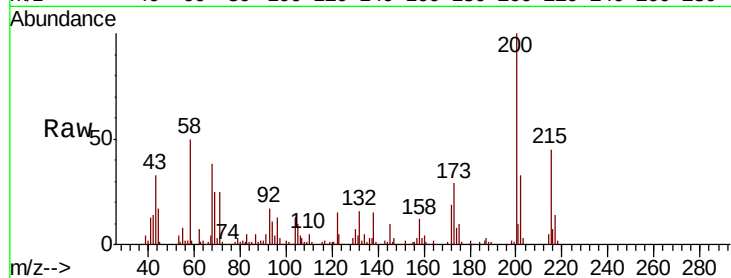
Tot Ion:200 Resp: 127112

Ion Ratio Lower Upper

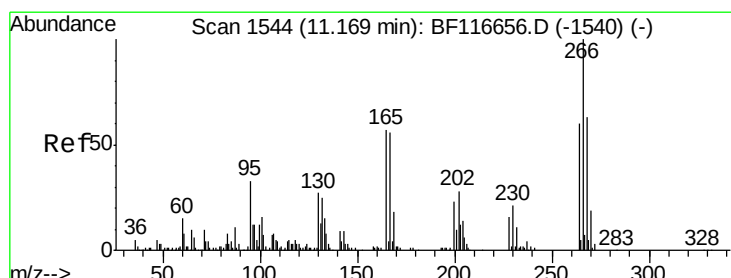
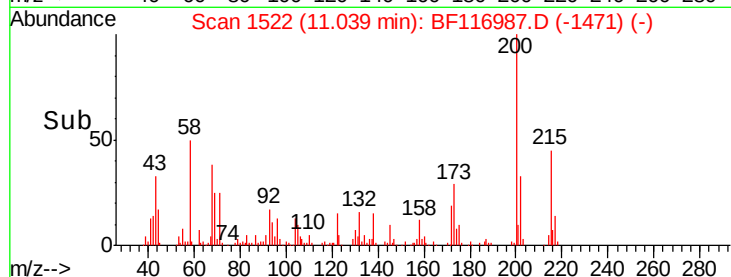
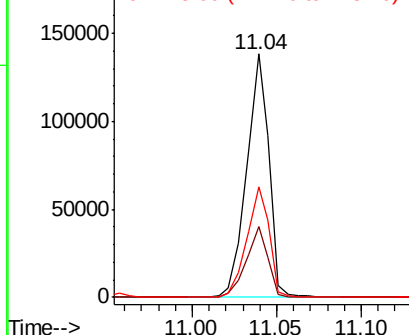
200 100

173 29.0 7.0 47.0

215 45.5 22.9 62.9



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: 109.707 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

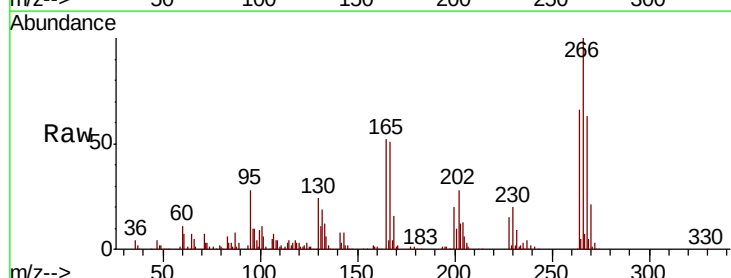
Tgt Ion:266 Resp: 156755

Ion Ratio Lower Upper

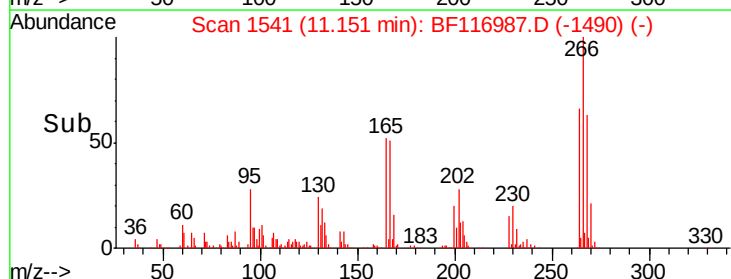
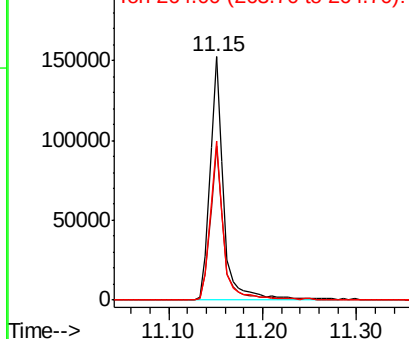
266 100

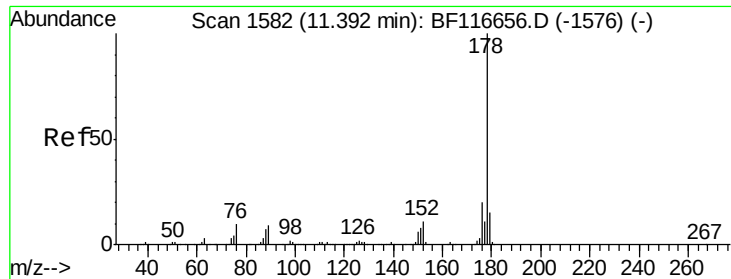
268 63.1 51.4 77.2

264 65.6 52.1 78.1



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

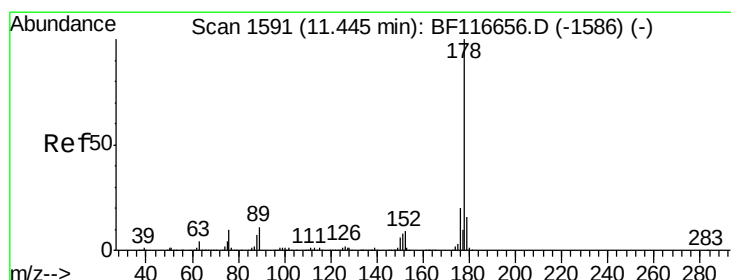
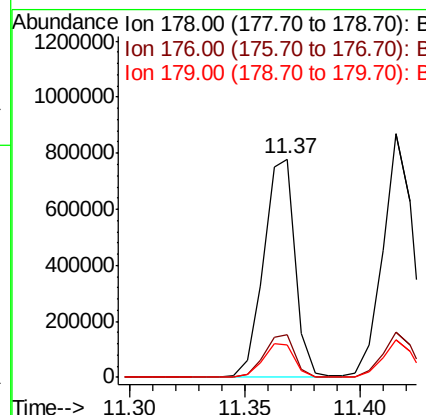
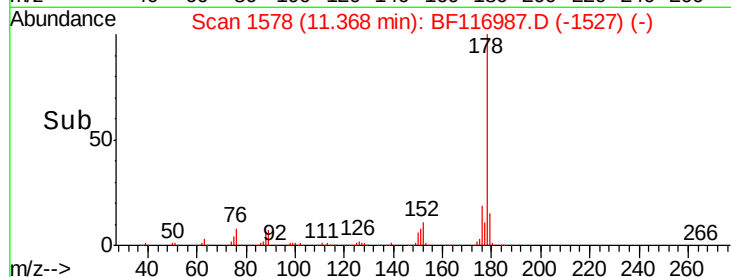
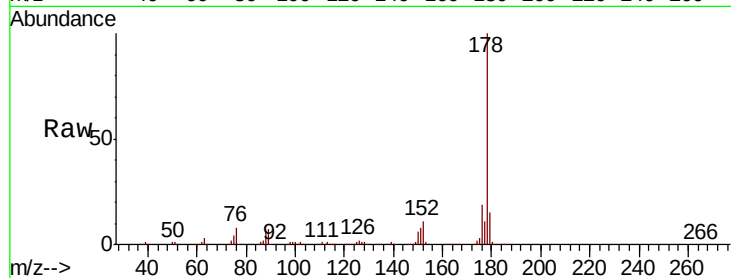




#71
Phenanthrene
Concen: 47.926 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

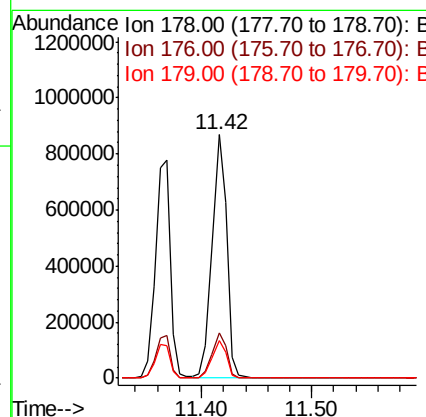
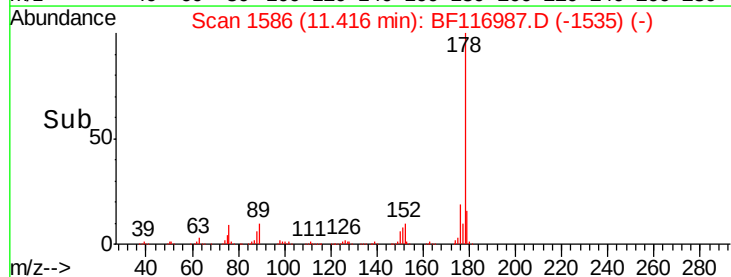
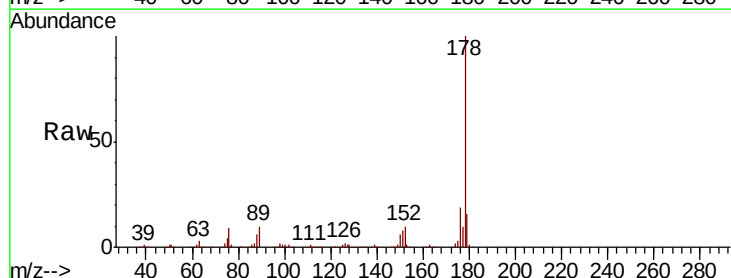
Instrument :
BNA_F
ClientSampled :

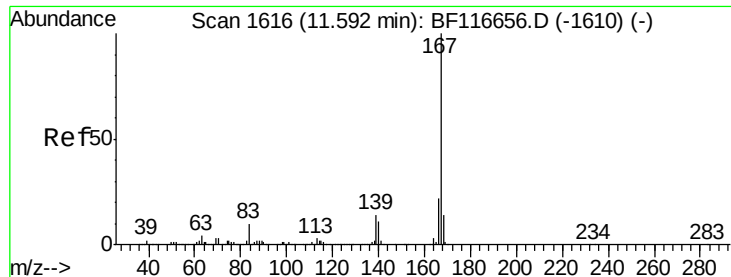
Tot Ion:178 Resp: 741400
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.1 12.0 18.0



#72
Anthracene
Concen: 49.416 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:178 Resp: 769536
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.7 12.3 18.5





#73

Carbazole

Concen: 47.506 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

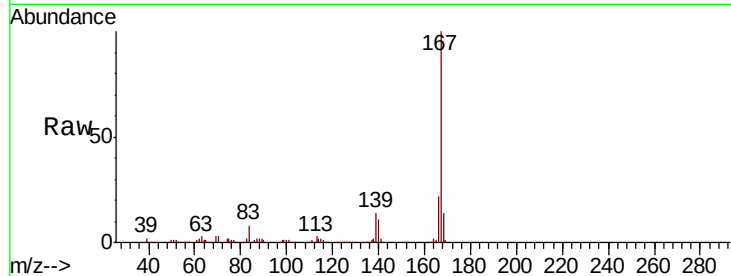
Tot Ion:167 Resp: 704689

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

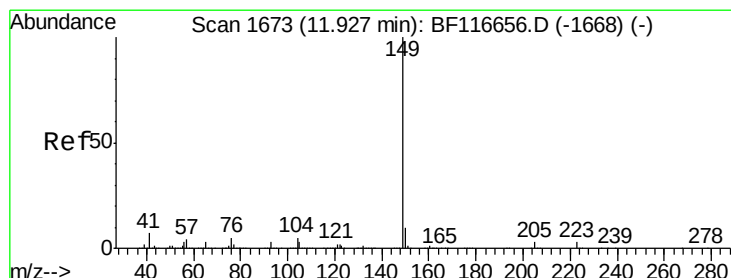
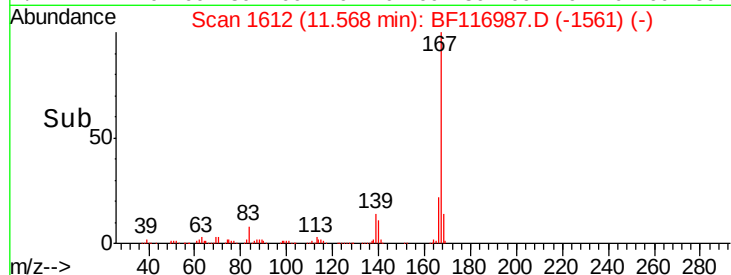
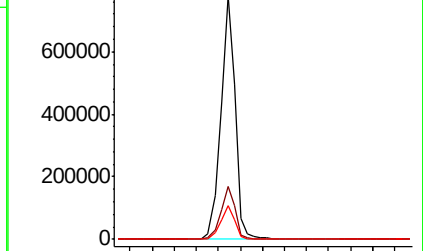
139 13.9 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.716 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

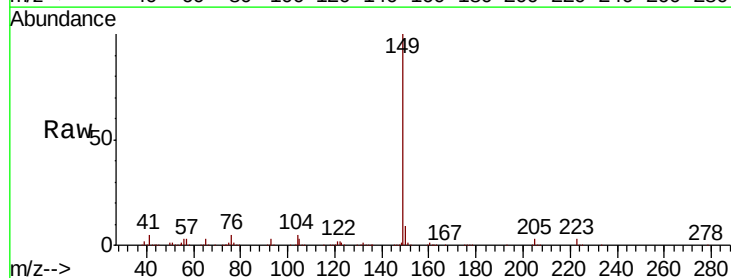
Tgt Ion:149 Resp: 869352

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

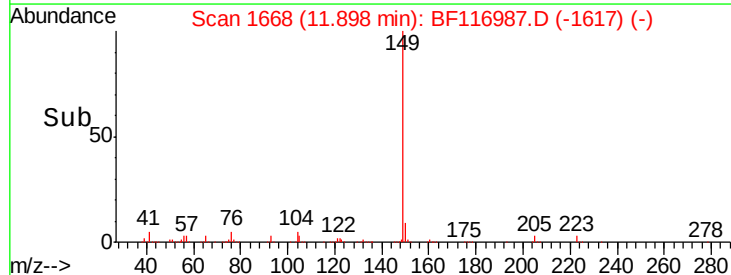
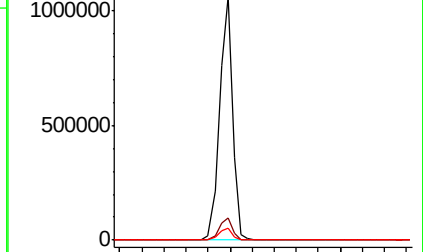
104 5.0 4.3 6.5

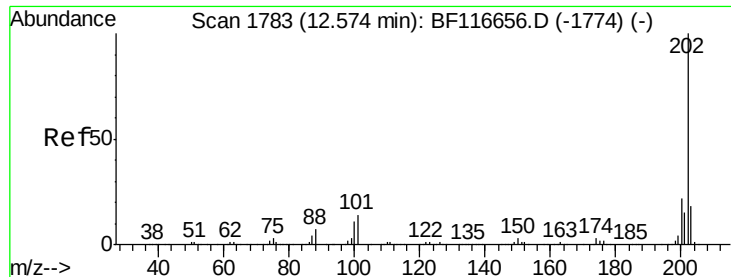


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

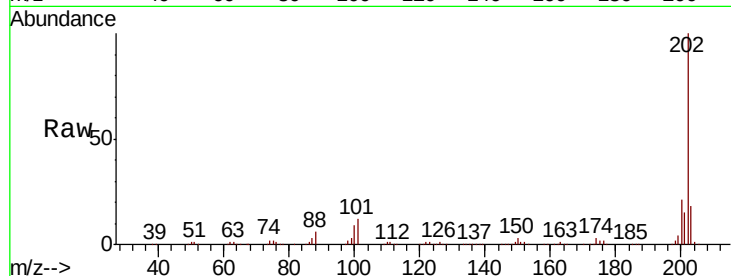




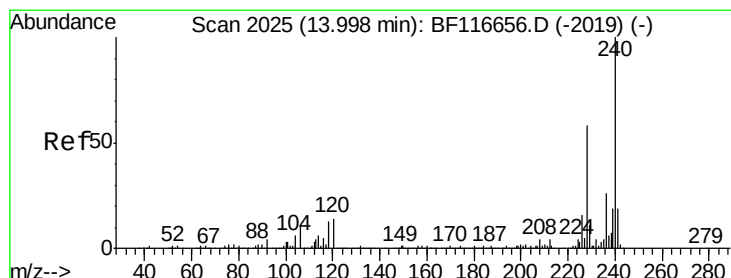
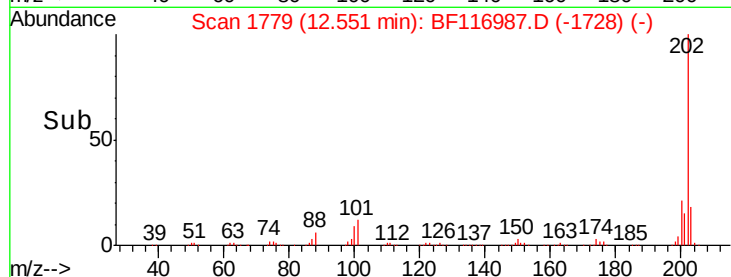
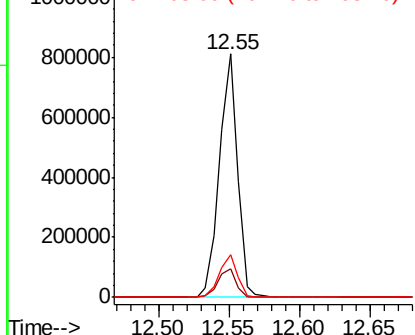
#75
Fluoranthene
Concen: 47.579 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.0
203	17.8	0.0	37.5

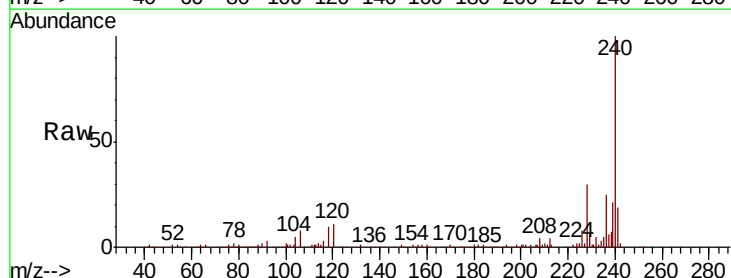


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

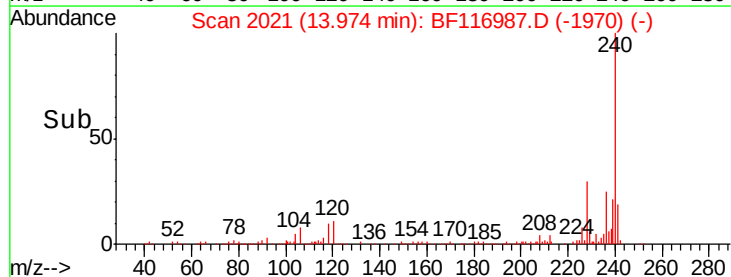
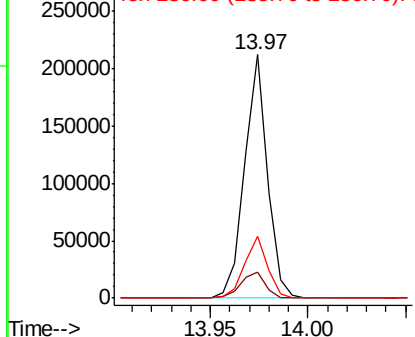


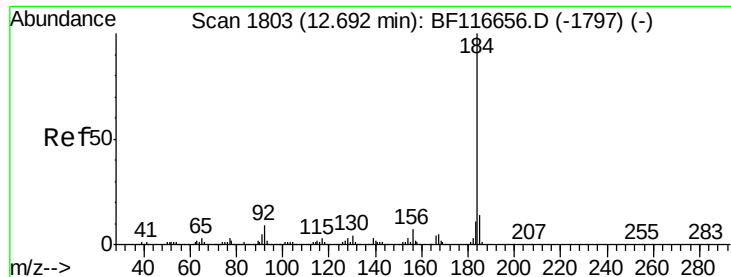
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.1	13.7
236	25.3	20.9	31.3



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: 49.208 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

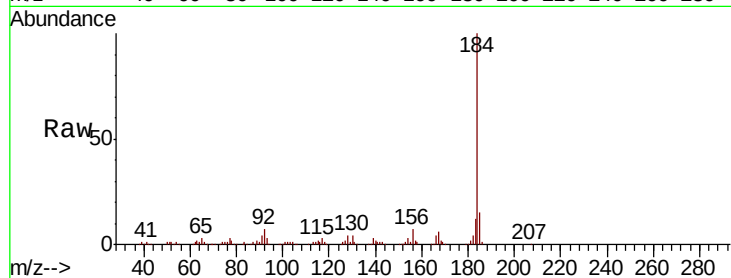
Tot Ion:184 Resp: 330036

Ion Ratio Lower Upper

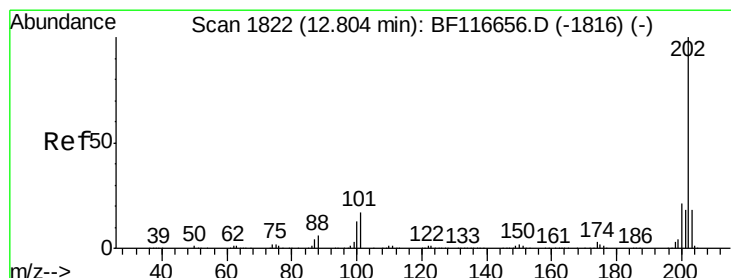
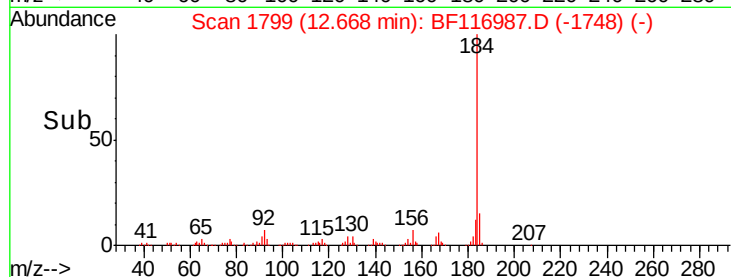
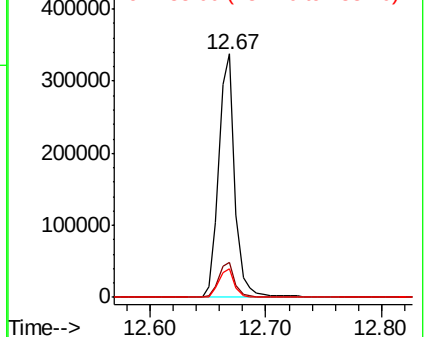
184 100

185 14.6 12.0 18.0

183 11.6 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



#78

Pyrene

Concen: 48.562 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

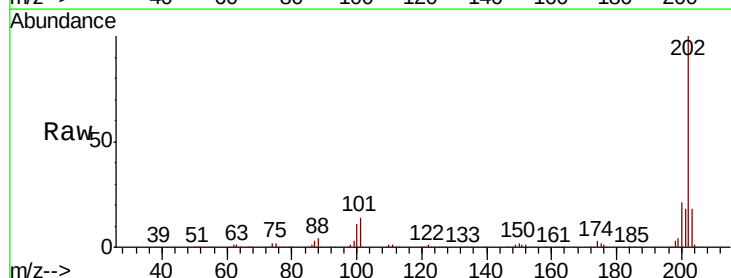
Tgt Ion:202 Resp: 738169

Ion Ratio Lower Upper

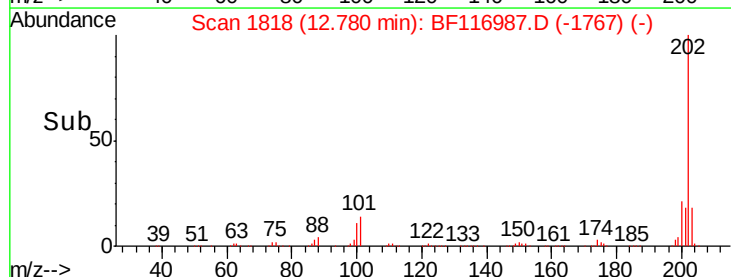
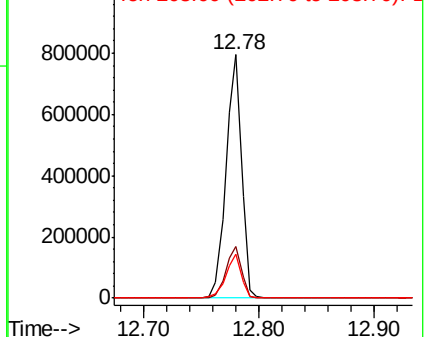
202 100

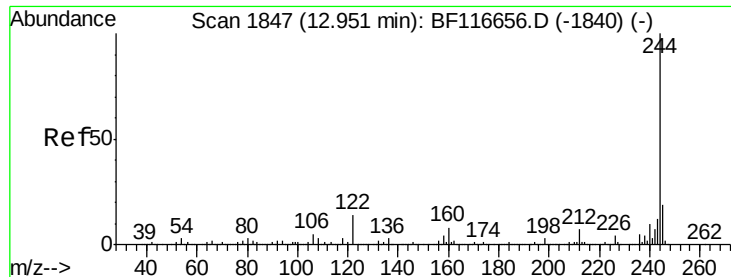
200 21.4 17.2 25.8

203 18.1 14.2 21.2



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

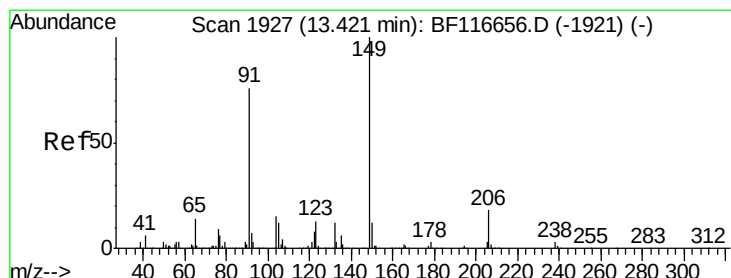
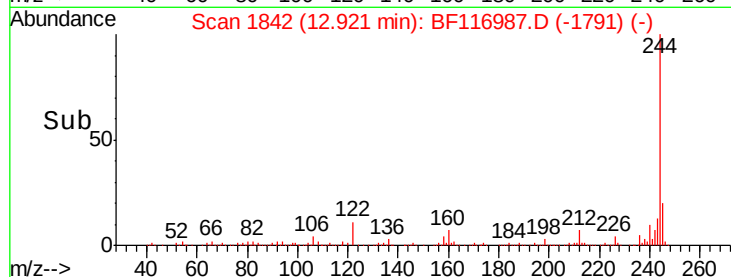
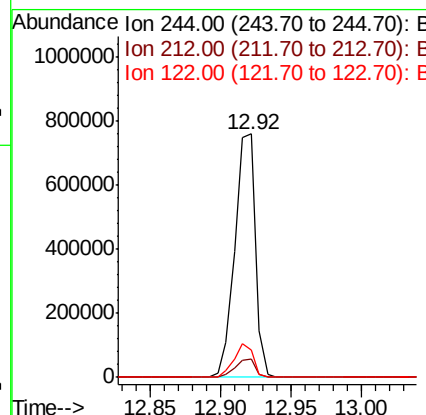
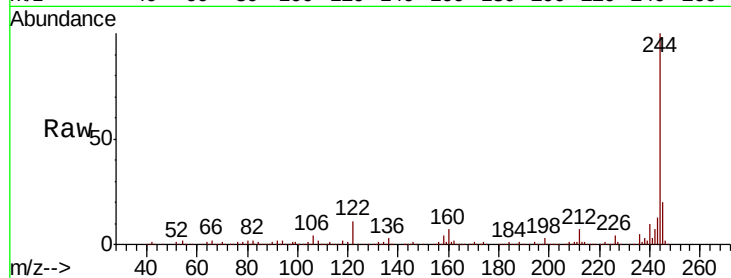




#79
 Terphenyl-d14
 Concen: 83.514 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

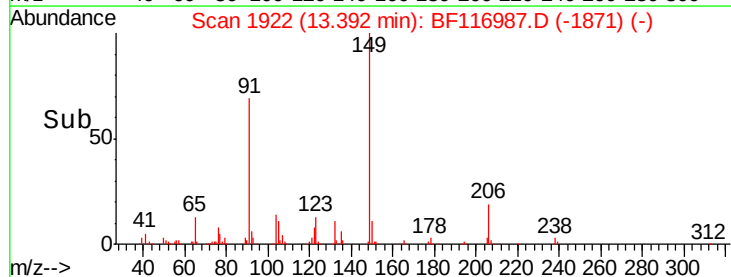
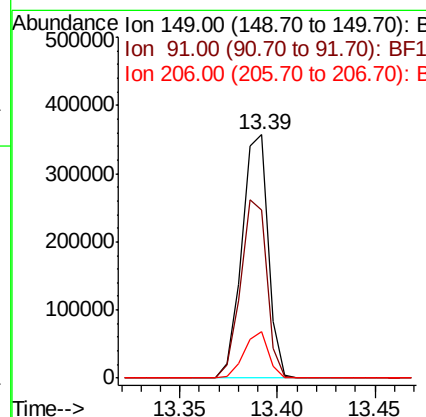
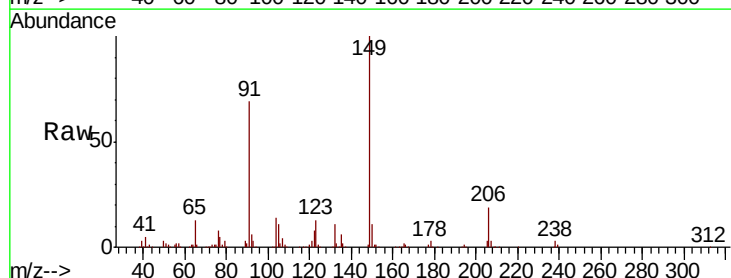
Instrument :
 BNA_F
 ClientSampled :

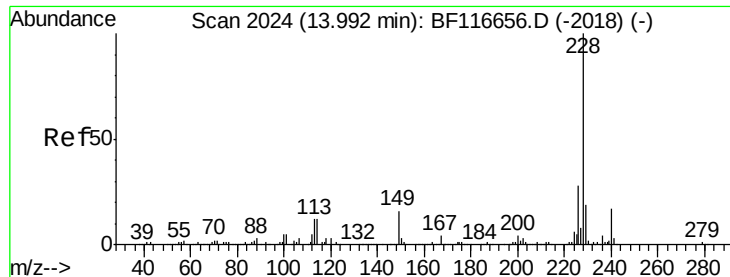
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.4	11.5	17.3



#80
 Butylbenzylphthalate
 Concen: 45.300 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	55.8	83.8
206	19.0	15.0	22.6





#81

Benzo(a)anthracene

Concen: 48.653 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampleId :

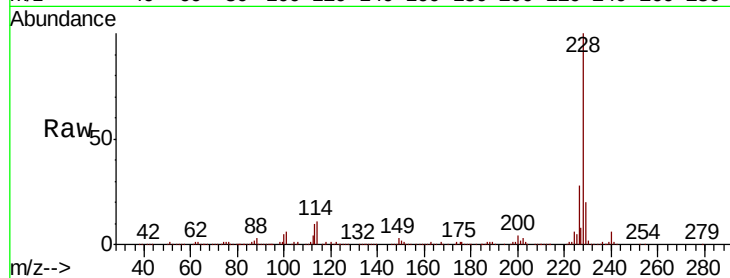
Tot Ion:228 Resp: 526546

Ion Ratio Lower Upper

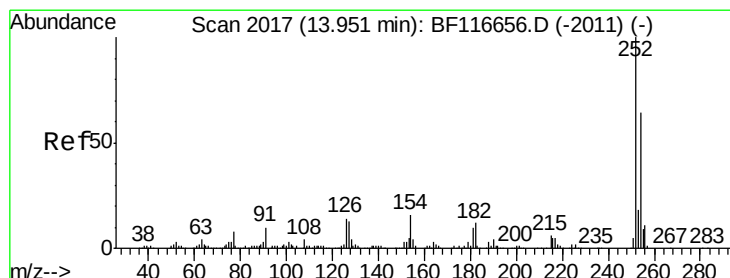
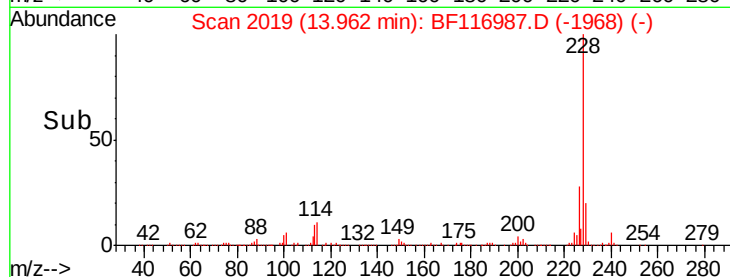
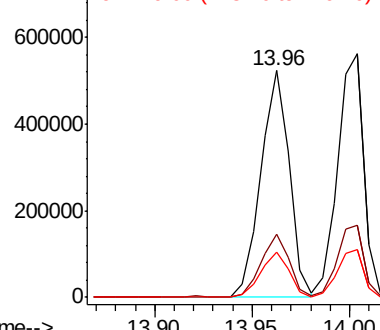
228 100

226 27.6 22.3 33.5

229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.068 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

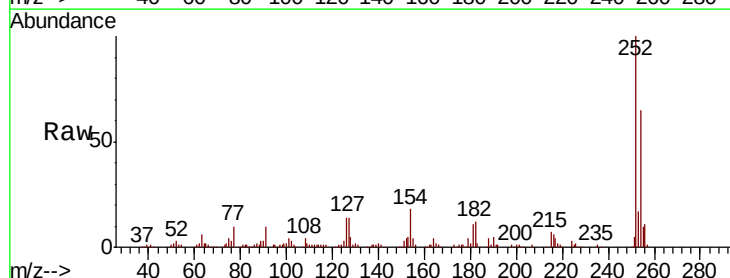
Tgt Ion:252 Resp: 128256

Ion Ratio Lower Upper

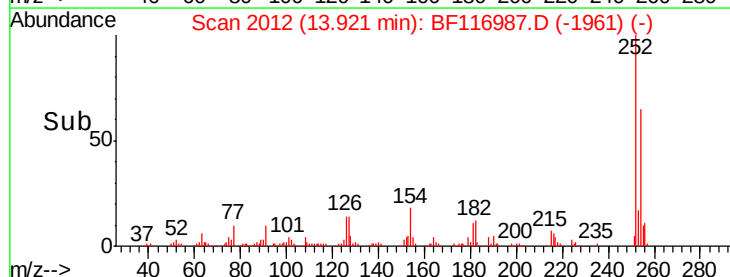
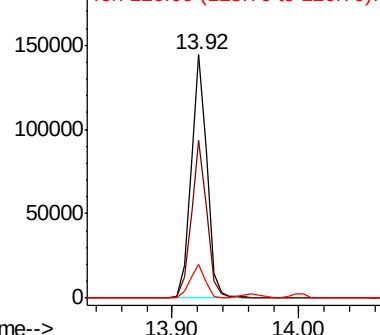
252 100

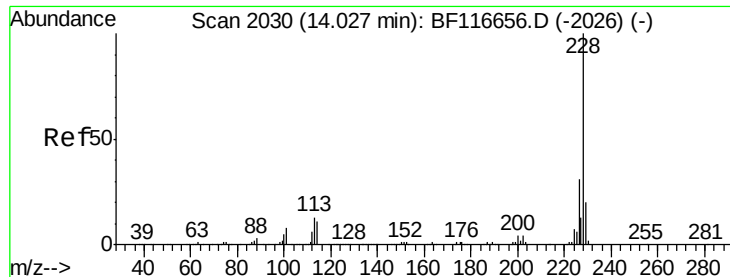
254 64.9 51.8 77.8

126 13.8 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

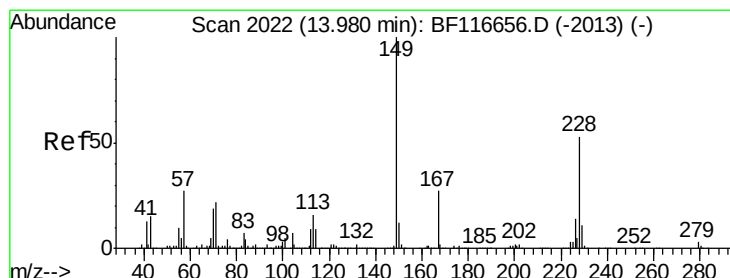
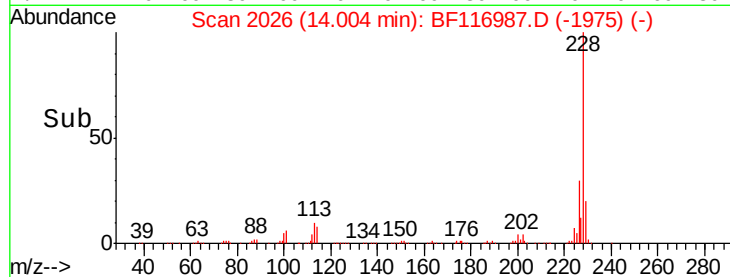
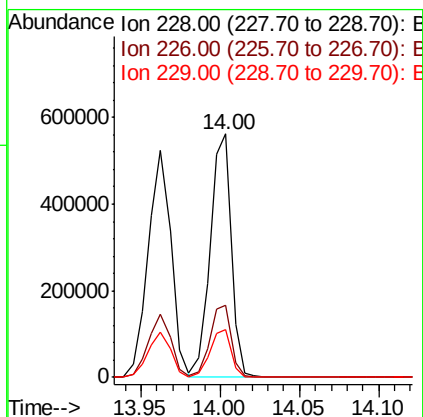
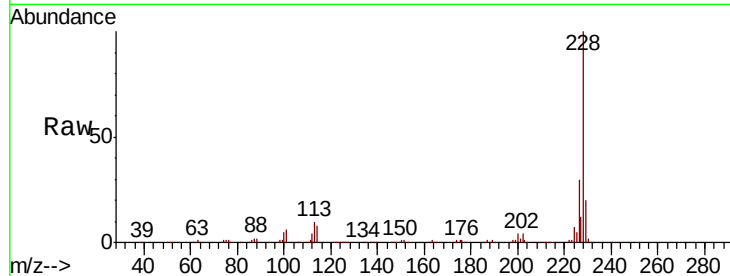




#83
 Chrysene
 Concen: 46.655 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

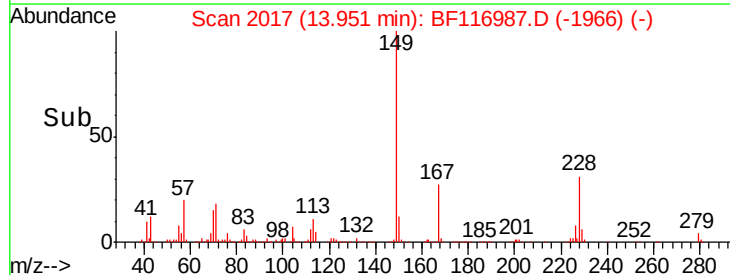
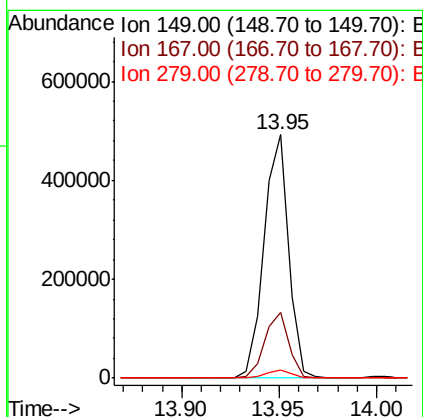
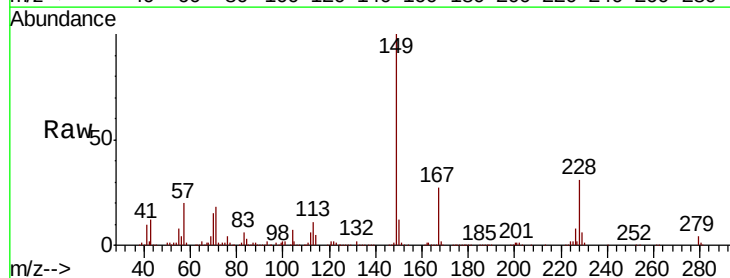
Instrument :
 BNA_F
 ClientSampleId :

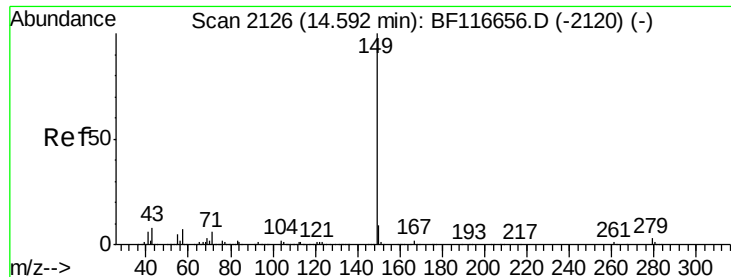
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	19.7	15.7	23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.973 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.6	2.6	3.8





#85

Di-n-octyl phthalate

Concen: 44.449 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

ClientSampled :

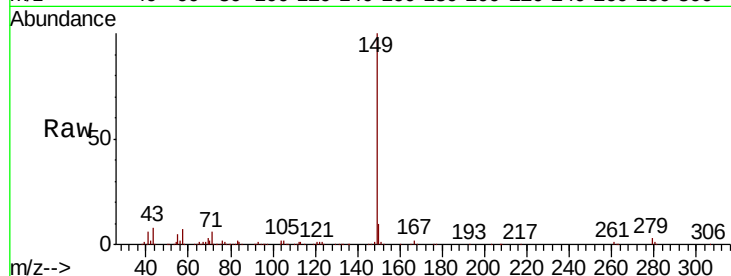
Tot Ion:149 Resp: 663744

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

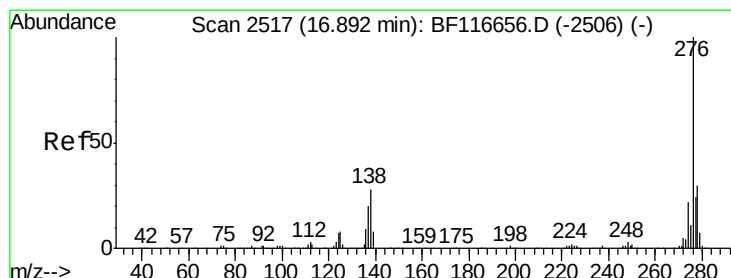
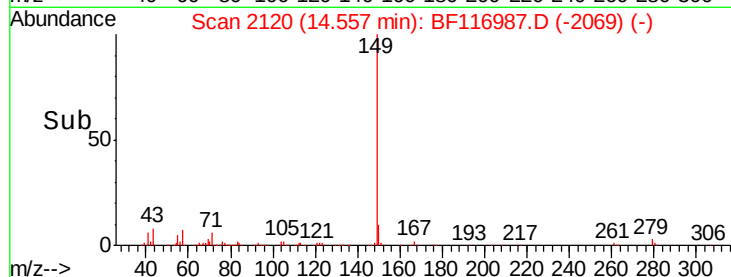
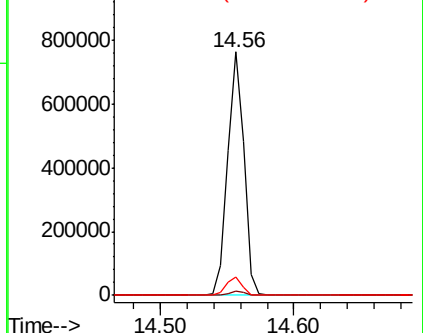
43 7.6 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.812 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

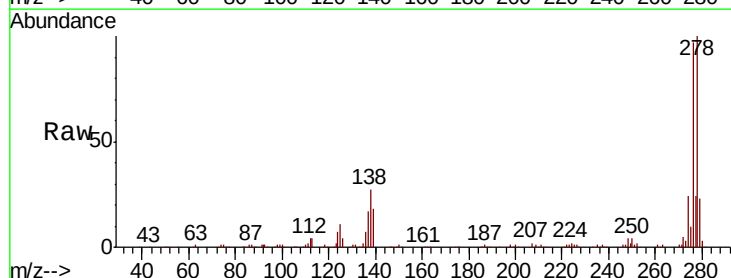
Tgt Ion:276 Resp: 428188

Ion Ratio Lower Upper

276 100

138 25.5 20.6 31.0

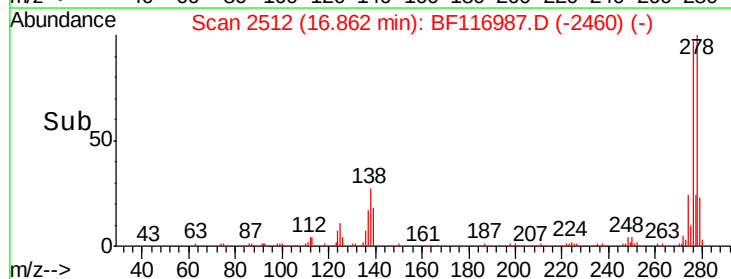
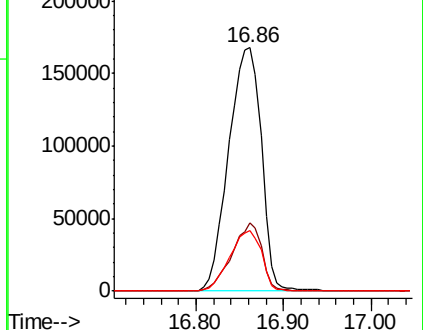
277 24.3 19.9 29.9

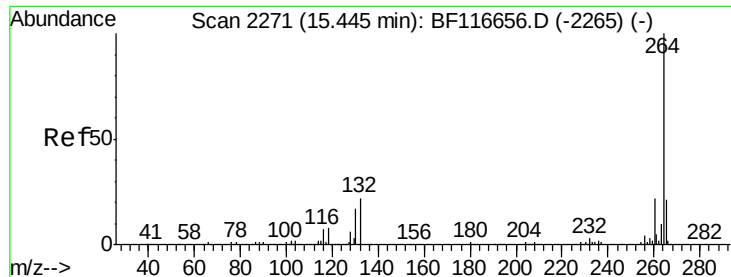


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

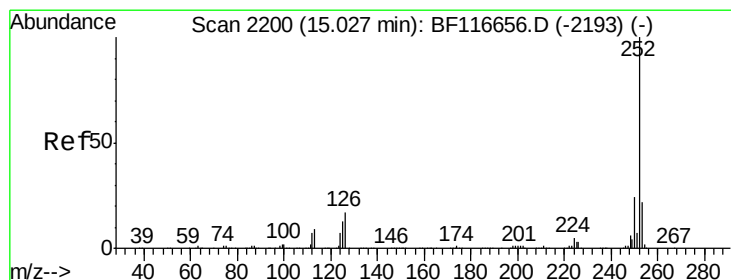
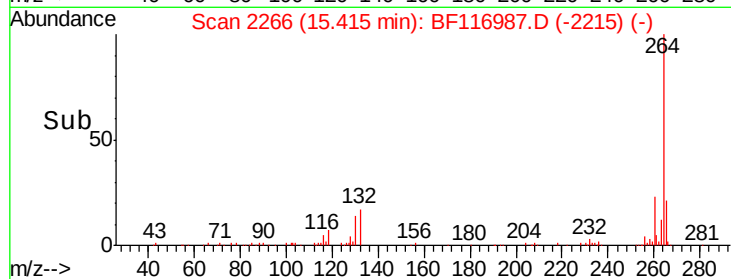
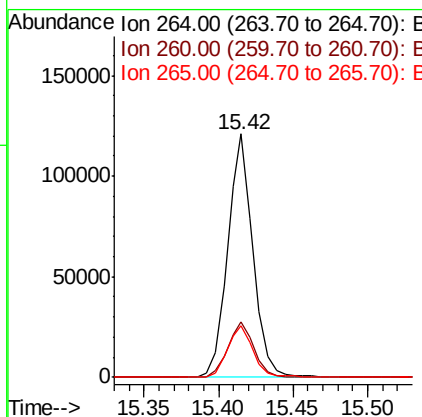
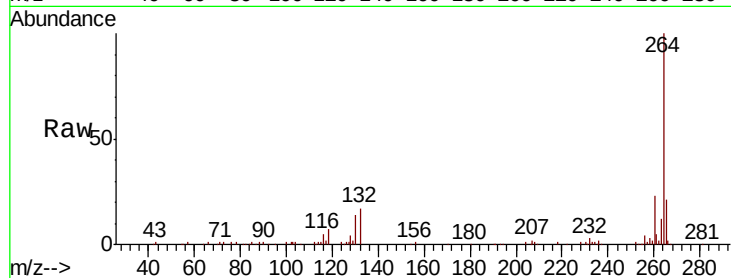




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

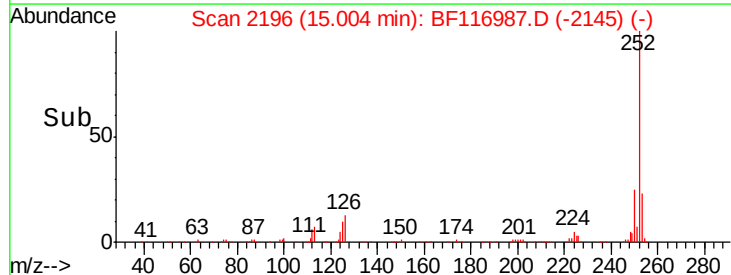
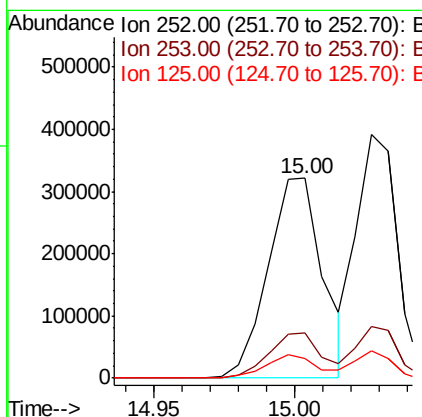
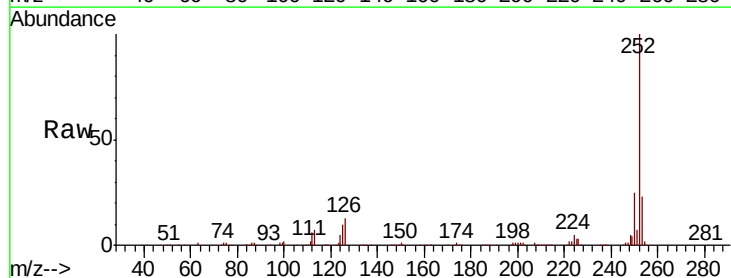
Instrument :
BNA_F
ClientSampleId :

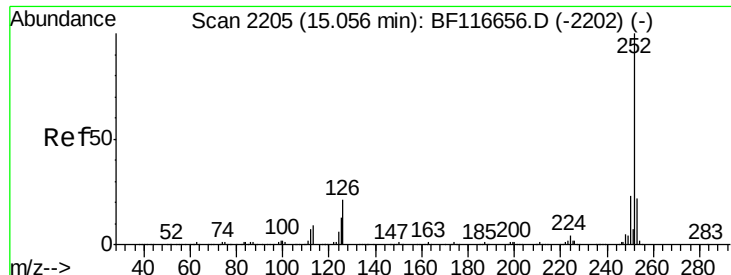
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	21.0	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 49.881 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.6	8.3	12.5

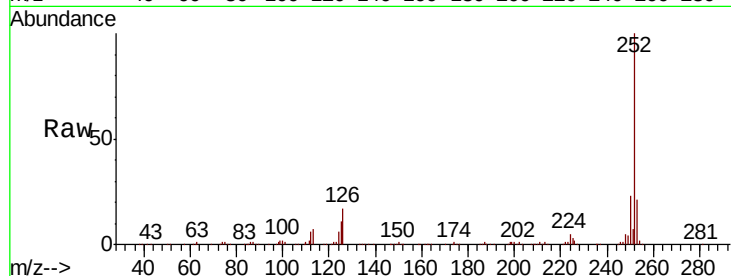




#89
Benzo(k)fluoranthene
Concen: 49.770 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	11.1	7.6	11.4

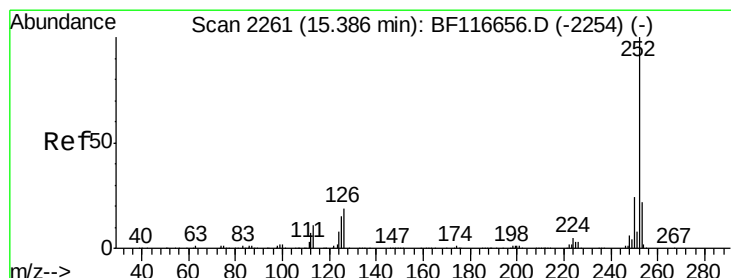
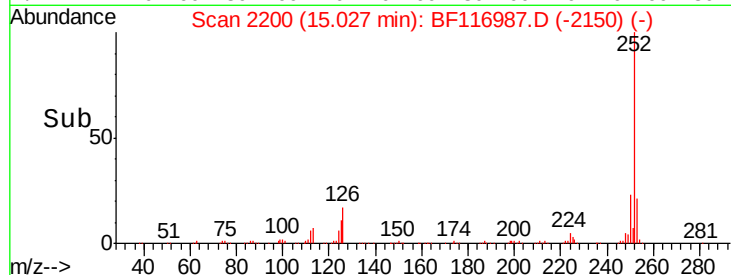
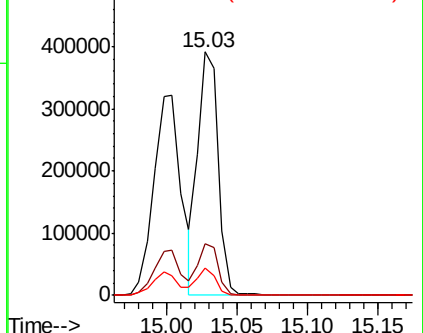


Abundance

Ion 252.00 (251.70 to 252.70): E

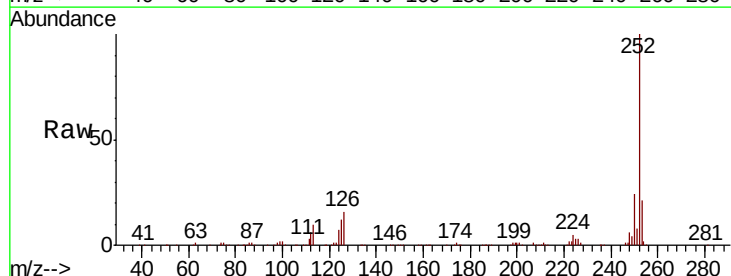
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 51.481 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	12.4	10.2	15.2

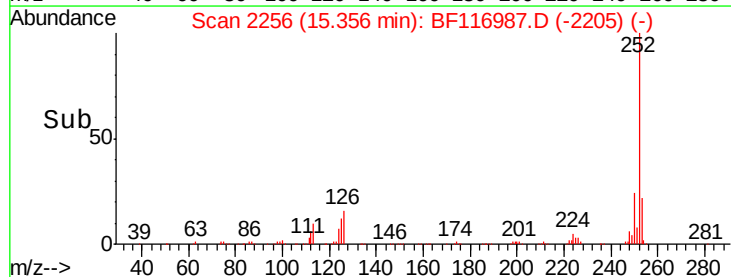
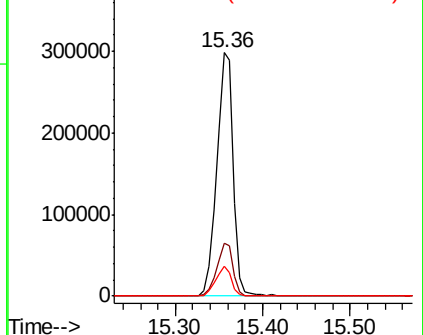


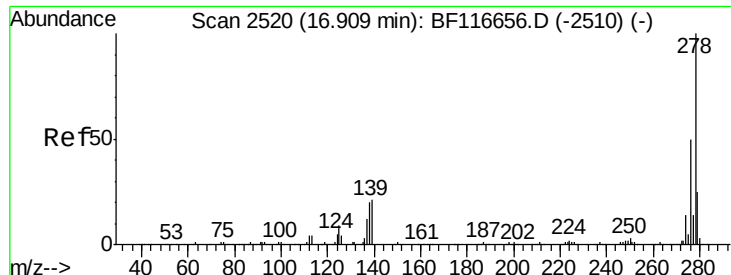
Abundance

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

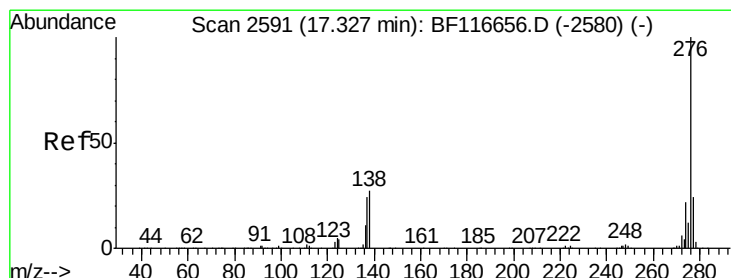
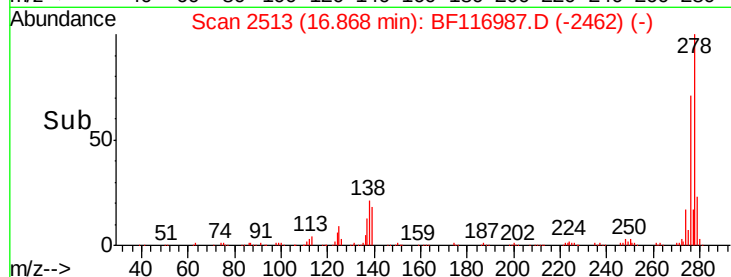
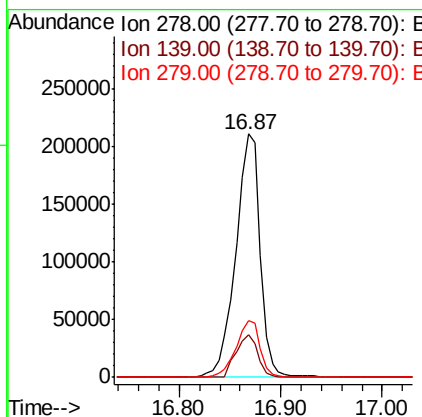
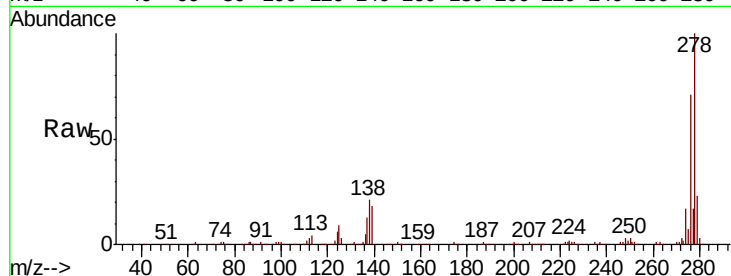




#91
Dibenzo(a,h)anthracene
Concen: 53.426 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.1	19.7
279	23.4	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 52.122 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.6
138	23.1	18.7	28.1

