

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116656.D
 Acq On : 30 Aug 2019 17:23
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 18:15:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131429	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	551395	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	275115	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	429312	20.00	ng	0.00
76) Chrysene-d12	14.00	240	250753	20.00	ng	0.00
87) Perylene-d12	15.44	264	221718	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	649301	62.15	ng	0.00
7) Phenol-d6	6.48	99	865045	71.61	ng	0.00
23) Nitrobenzene-d5	7.41	82	773315	73.81	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	146113	46.06	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1295630	59.12	ng	0.00
79) Terphenyl-d14	12.95	244	1130618	73.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	151229	29.213	ng	100
3) Pyridine	3.35	79	441051	30.460	ng	92
4) n-Nitrosodimethylamine	3.29	42	150890	27.301	ng	# 81
6) Aniline	6.51	93	608496	37.276	ng	98
8) 2-Chlorophenol	6.64	128	360403	35.353	ng	100
9) Benzaldehyde	6.40	77	268015	38.199	ng	94
10) Phenol	6.49	94	482325	35.991	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	371724	36.789	ng	99
12) 1,3-Dichlorobenzene	6.79	146	402126	38.104	ng	98
13) 1,4-Dichlorobenzene	6.87	146	405512	39.878	ng	99
14) 1,2-Dichlorobenzene	7.02	146	375037	41.715	ng	95
15) Benzyl Alcohol	6.99	79	352708	43.528	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	442487	45.028	ng	98
17) 2-Methylphenol	7.10	107	311556	43.742	ng	96
18) Hexachloroethane	7.37	117	158369	43.929	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	282792	44.868	ng	94
20) 3+4-Methylphenols	7.25	107	371495	41.448	ng	99
22) Acetophenone	7.26	105	533535	34.290	ng	97
24) Nitrobenzene	7.43	77	401534	38.287	ng	92
25) Isophorone	7.67	82	779062	41.091	ng	100
26) 2-Nitrophenol	7.75	139	145415	31.196	ng	96
27) 2,4-Dimethylphenol	7.78	122	298442	40.405	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	483357	41.248	ng	99
29) 2,4-Dichlorophenol	7.99	162	287339	36.828	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	312560	34.806	ng	95
31) Naphthalene	8.16	128	1066397	38.143	ng	99
32) Benzoic acid	7.90	122	142928	23.997	ng	96
33) 4-Chloroaniline	8.20	127	478480	40.359	ng	99
34) Hexachlorobutadiene	8.28	225	167828	32.627	ng	98
35) Caprolactam	8.57	113	105638	42.737	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	328910	38.139	ng	96
37) 2-Methylnaphthalene	8.85	142	711721	38.537	ng	96
38) 1-Methylnaphthalene	8.95	142	662954	38.143	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	265960	28.497	ng	98

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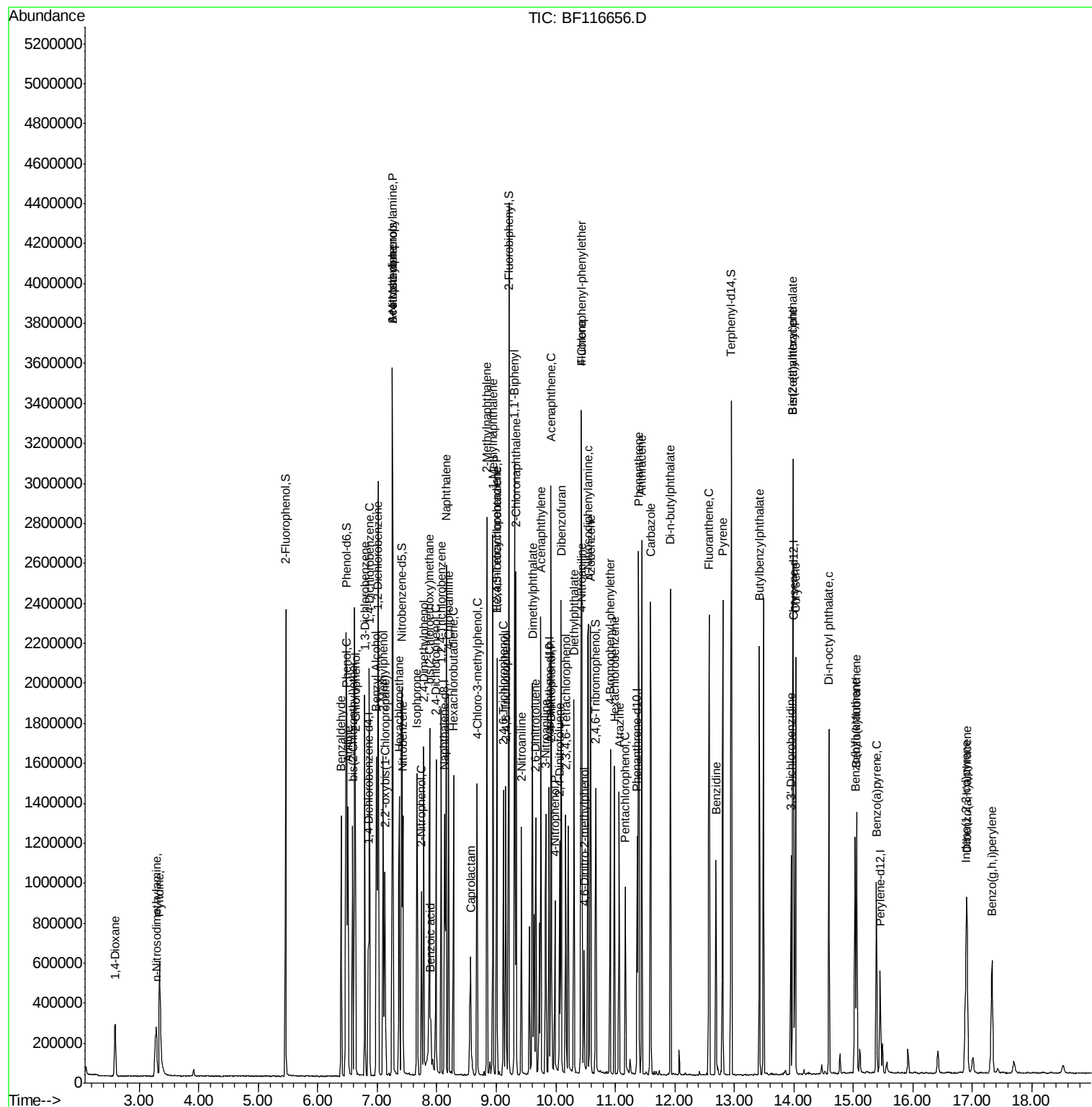
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	154896	28.316	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	184489	29.317	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	186321	29.145	nq	# 92
46) 1,1'-Biphenyl	9.31	154	844932	31.717	nq	98
47) 2-Chloronaphthalene	9.33	162	677227	32.911	nq	99
48) 2-Nitroaniline	9.42	65	191767	30.405	nq	95
49) Acenaphthylene	9.75	152	1012684	36.199	nq	99
50) Dimethylphthalate	9.61	163	764320	32.619	nq	98
51) 2,6-Dinitrotoluene	9.66	165	148351	30.780	nq	94
52) Acenaphthene	9.92	154	619130	36.413	nq	99
53) 3-Nitroaniline	9.83	138	185946	35.407	nq	# 89
54) 2,4-Dinitrophenol	9.93	184	41030	20.418	nq	# 80
55) Dibenzofuran	10.09	168	881032	34.210	nq	98
56) 4-Nitrophenol	9.99	139	126813	35.135	nq	86
57) 2,4-Dinitrotoluene	10.07	165	180711	30.336	nq	97
58) Fluorene	10.43	166	655045	31.535	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	130602	26.446	nq	96
60) Diethylphthalate	10.30	149	769419	34.706	nq	97
61) 4-Chlorophenyl-phenylether	10.43	204	288820	28.164	nq	98
62) 4-Nitroaniline	10.45	138	176069	30.843	nq	94
63) Azobenzene	10.59	77	798680	36.241	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	56735	24.483	nq	71
66) n-Nitrosodiphenylamine	10.55	169	602290	42.205	nq	97
67) 4-Bromophenyl-phenylether	10.92	248	177630	36.363	nq	97
68) Hexachlorobenzene	10.99	284	184166	34.232	nq	96
69) Atrazine	11.07	200	166606	38.373	nq	98
70) Pentachlorophenol	11.17	266	89549	28.442	nq	96
71) Phenanthrene	11.39	178	971359	40.270	nq	99
72) Anthracene	11.44	178	969455	39.358	nq	99
73) Carbazole	11.59	167	918489	42.113	nq	100
74) Di-n-butylphthalate	11.93	149	1186091	41.380	nq	98
75) Fluoranthene	12.57	202	940273	38.212	nq	96
77) Benzidine	12.69	184	384168	45.026	nq	99
78) Pyrene	12.80	202	947673	38.809	nq	98
80) Butylbenzylphthalate	13.42	149	443418	44.946	nq	100
81) Benzo(a)anthracene	13.99	228	639588	37.655	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	222934	39.887	nq	98
83) Chrysene	14.03	228	659423	39.839	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	533964	42.275	nq	99
85) Di-n-octyl phthalate	14.59	149	856424	44.933	nq	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	525521	36.640	nq	# 92
88) Benzo(b)fluoranthene	15.03	252	519328	36.991	nq	# 98
89) Benzo(k)fluoranthene	15.06	252	523632	38.839	nq	98
90) Benzo(a)pyrene	15.39	252	471336	38.418	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	421251	32.736	nq	# 92
92) Benzo(g,h,i)perylene	17.33	276	431166	34.979	nq	# 92

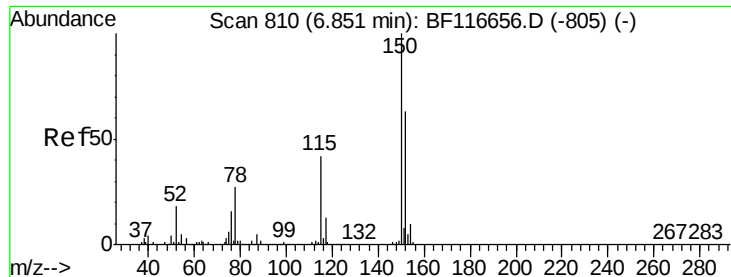
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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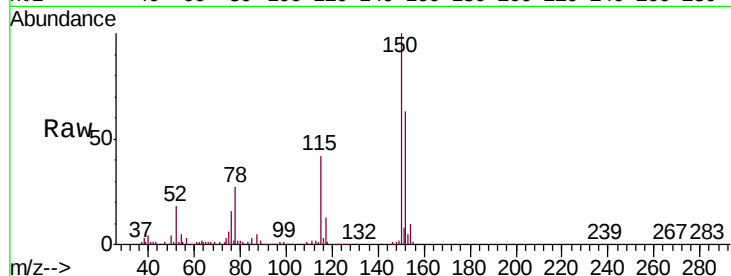


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	65.9	49.9	74.9

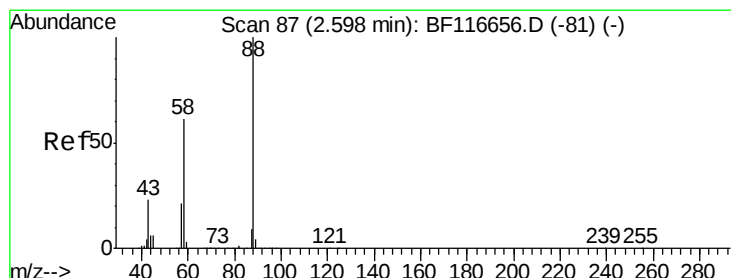
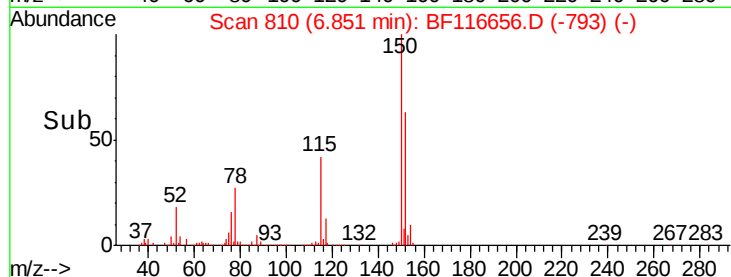
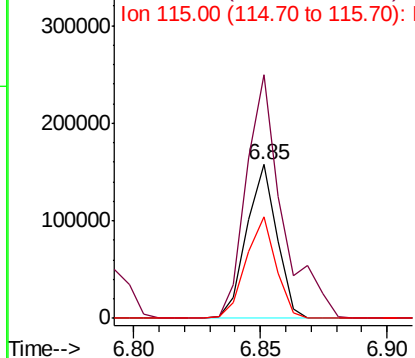


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

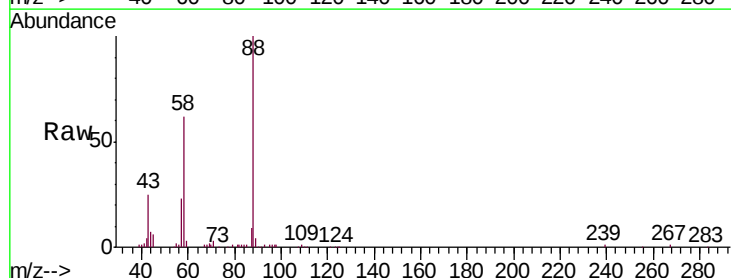
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.213 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	51.7	77.5
43	24.1	19.8	29.8

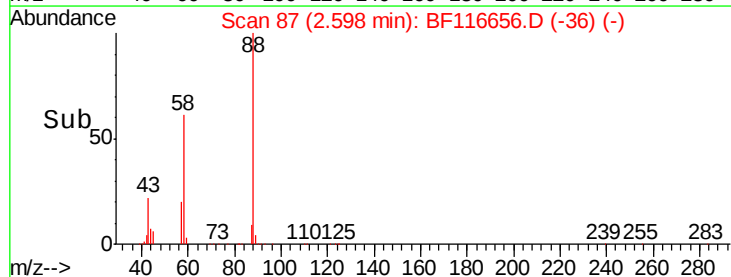
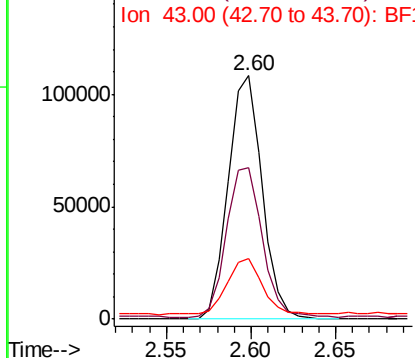


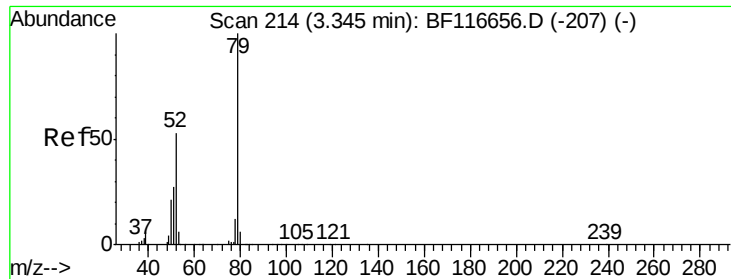
Abundance

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: 30.460 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

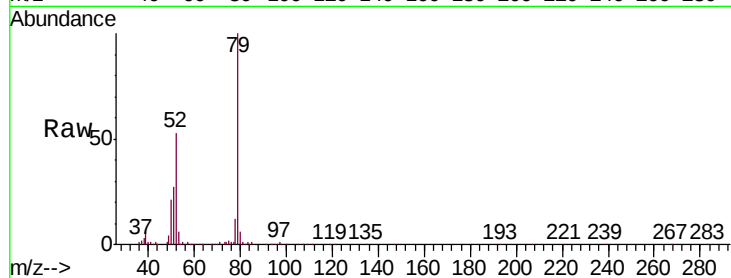
Tot Ion: 79 Resp: 441051

Ion Ratio Lower Upper

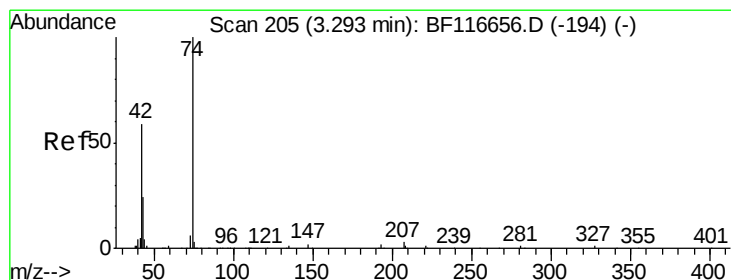
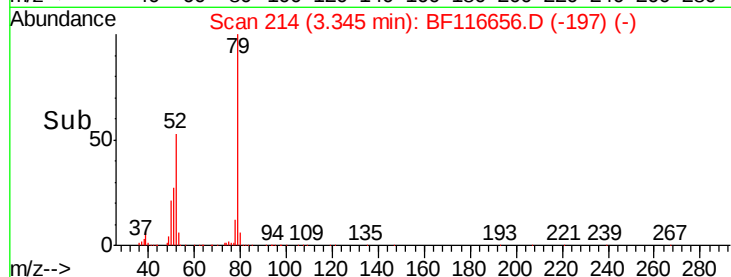
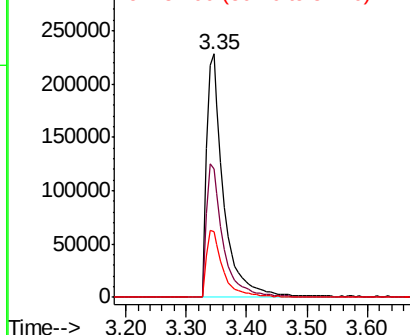
79 100

52 53.0 47.4 71.0

51 26.7 24.1 36.1



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: 27.301 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

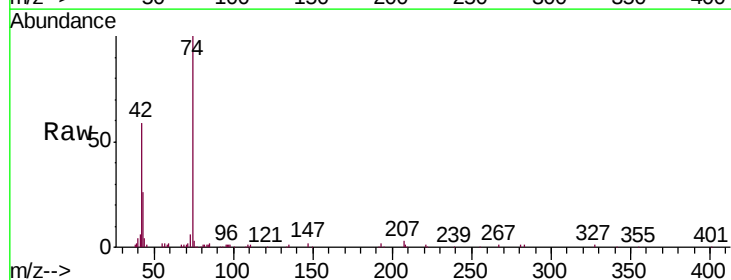
Tgt Ion: 42 Resp: 150890

Ion Ratio Lower Upper

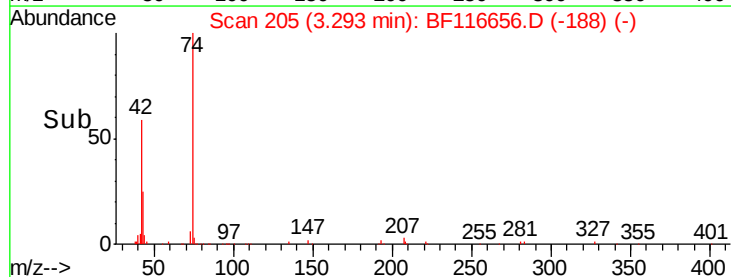
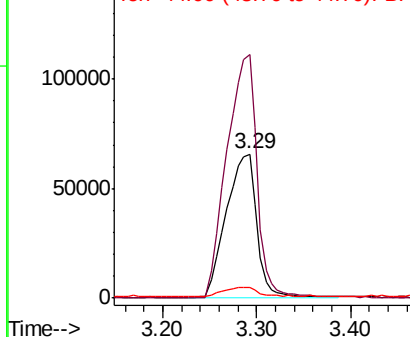
42 100

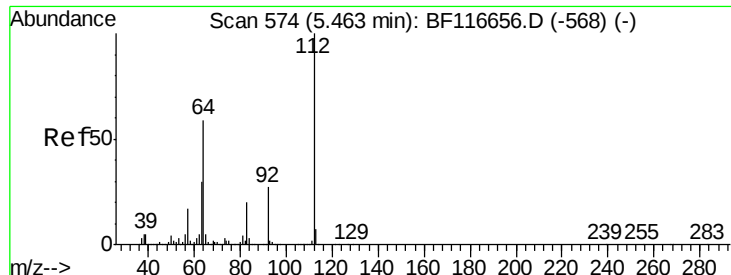
74 169.3 115.6 173.4

44 7.5 4.6 7.0#



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





#5

2-Fluorophenol

Concen: 62.154 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116656.D

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Instrument :

BNA_F

ClientSampleId :

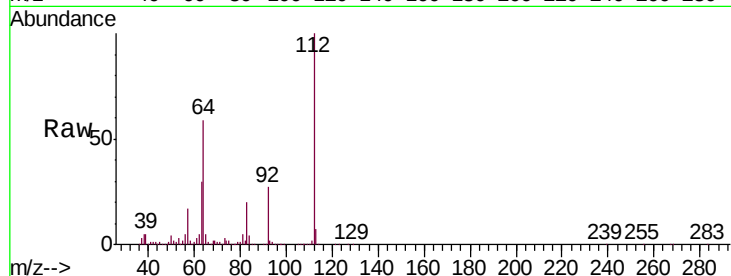
Tot Ion:112 Resp: 649301

Ion Ratio Lower Upper

112 100

64 59.0 47.1 70.7

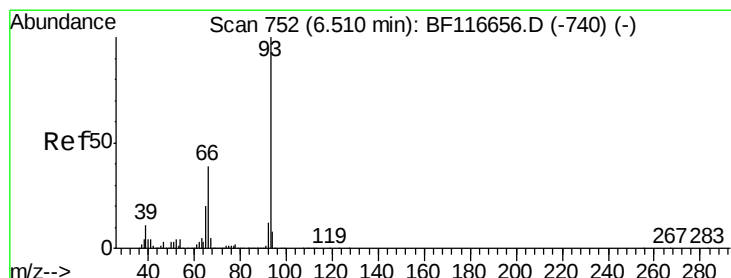
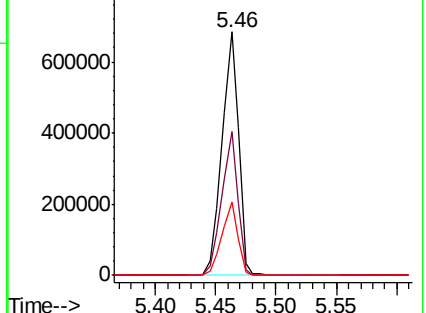
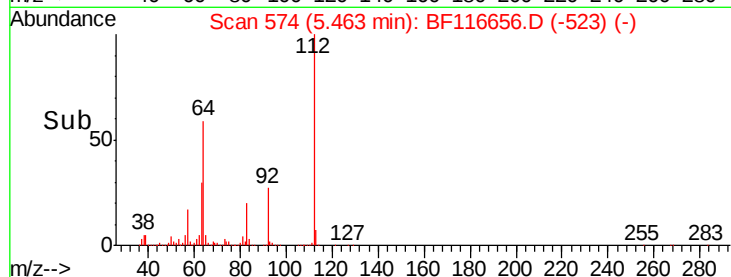
63 30.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.276 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

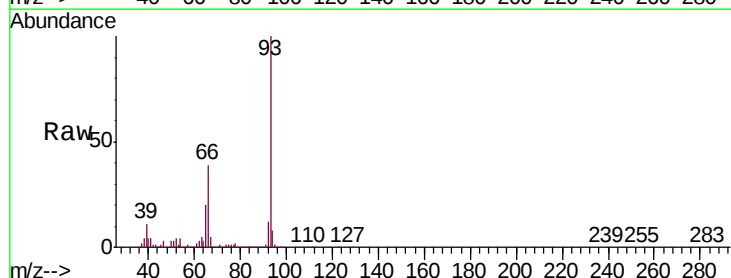
Tgt Ion: 93 Resp: 608496

Ion Ratio Lower Upper

93 100

66 39.1 32.7 49.1

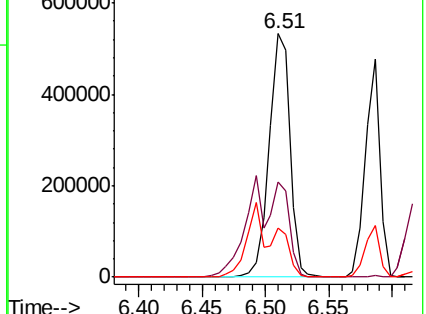
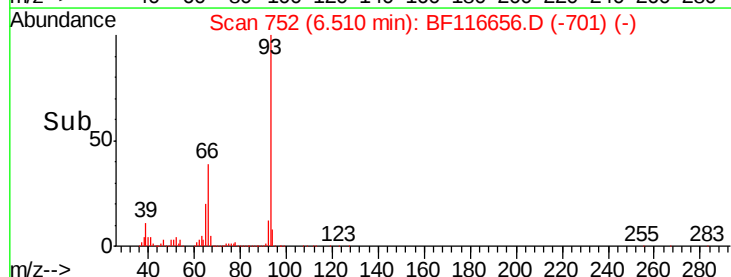
65 20.0 16.3 24.5

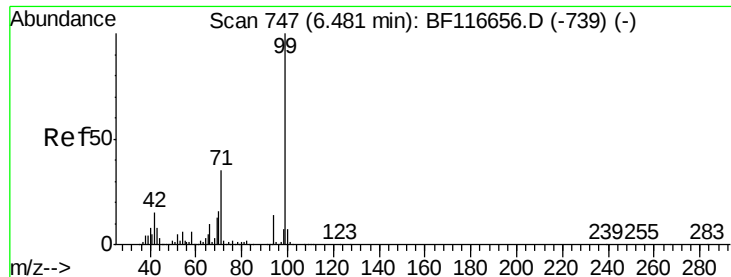


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.615 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116656.D

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Instrument :

BNA_F

ClientSampled :

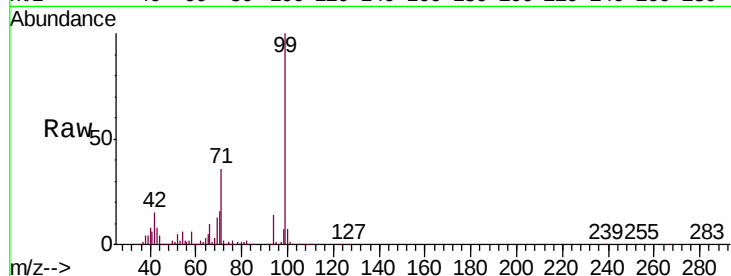
Tot Ion: 99 Resp: 865045

Ion Ratio Lower Upper

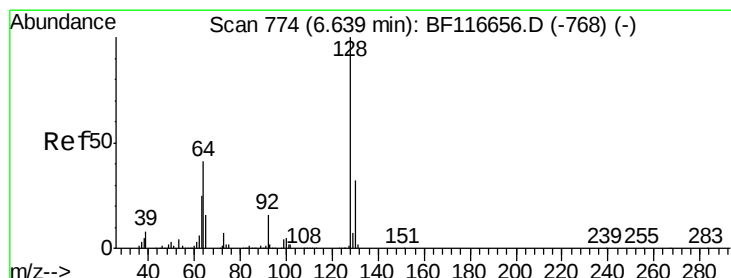
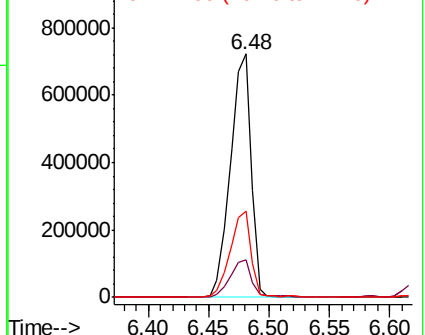
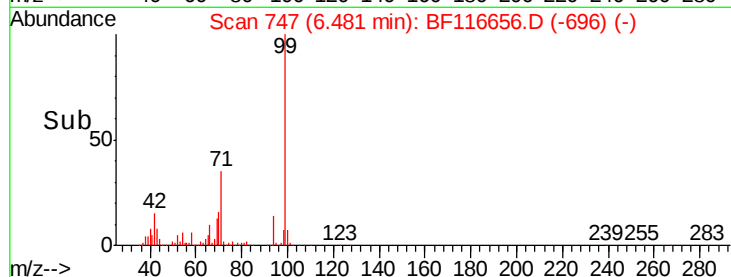
99 100

42 15.2 13.7 20.5

71 35.7 30.8 46.2



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



#8

2-Chlorophenol

Concen: 35.353 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

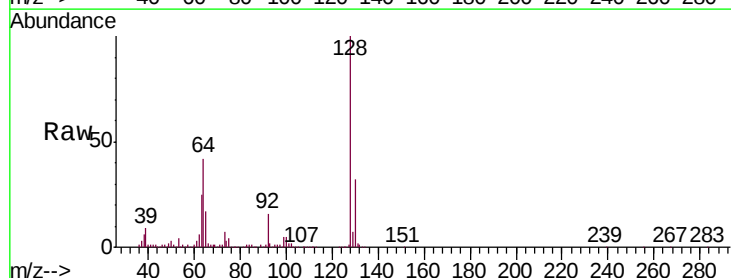
Tgt Ion: 128 Resp: 360403

Ion Ratio Lower Upper

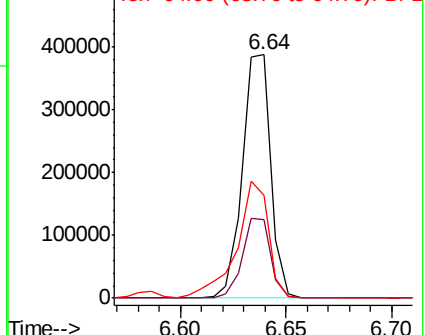
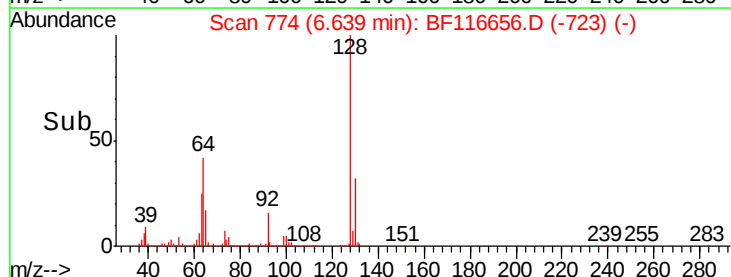
128 100

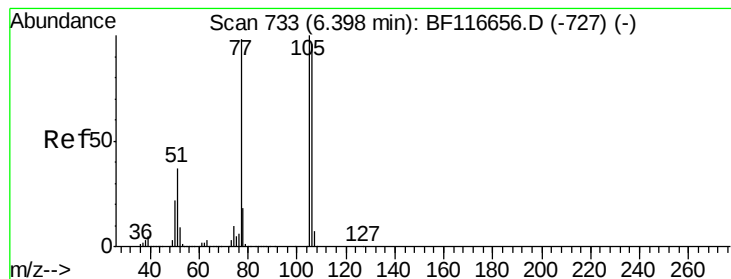
130 32.1 12.3 52.3

64 42.3 22.5 62.5



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: 38.199 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

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ClientSampleId :

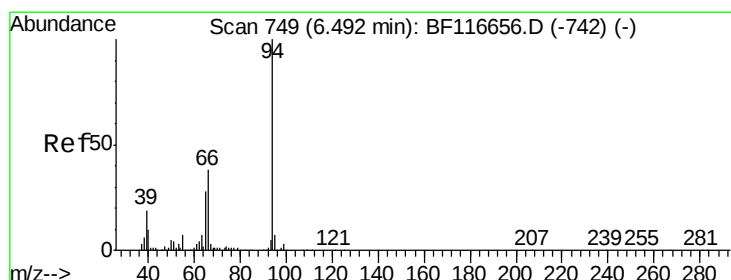
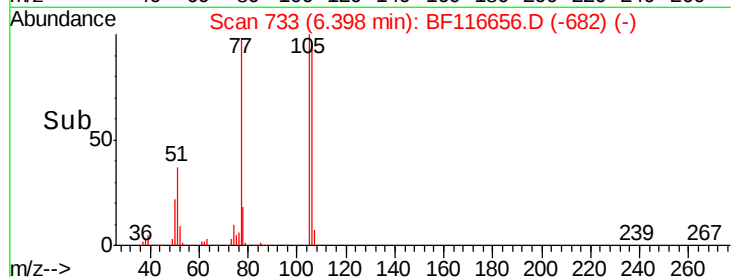
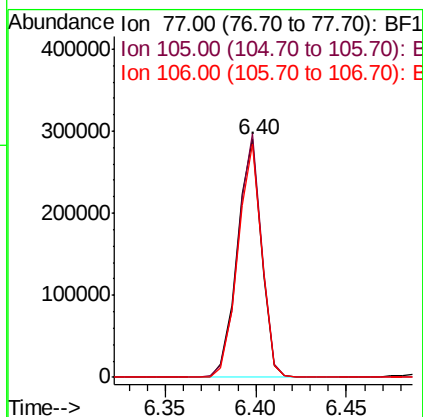
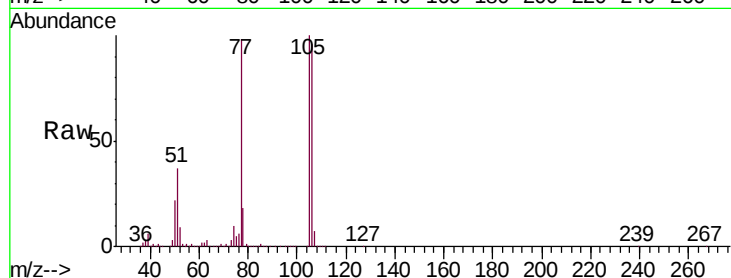
Tot Ion: 77 Resp: 268015

Ion Ratio Lower Upper

77 100

105 102.3 76.7 116.7

106 98.2 73.1 113.1



#10

Phenol

Concen: 35.991 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

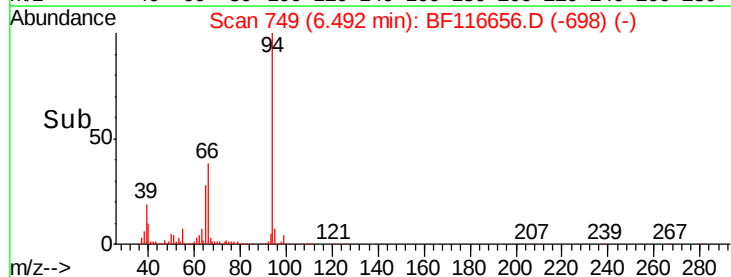
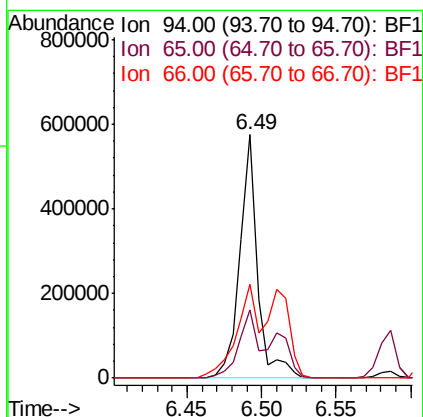
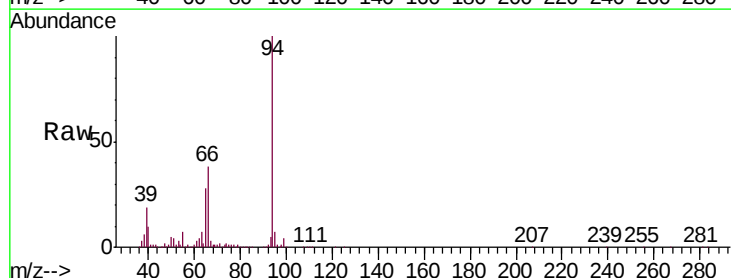
Tgt Ion: 94 Resp: 482325

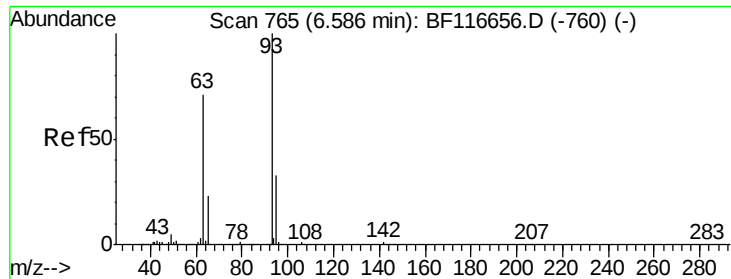
Ion Ratio Lower Upper

94 100

65 28.2 10.8 50.8

66 38.4 21.1 61.1

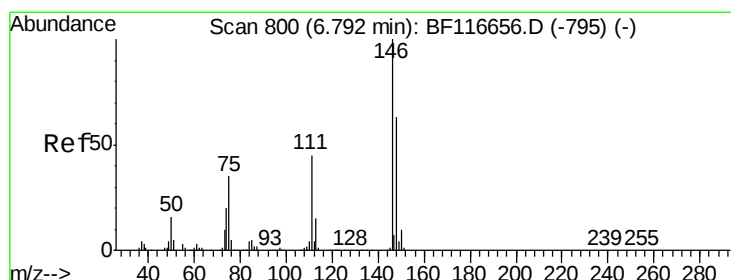
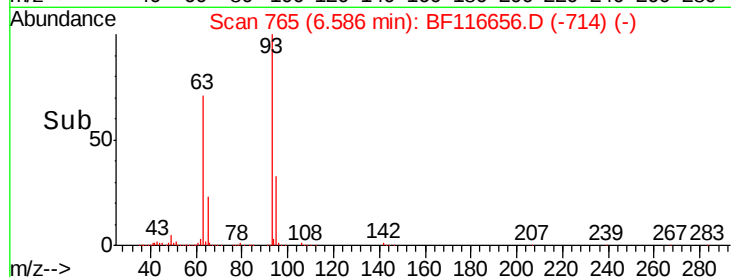
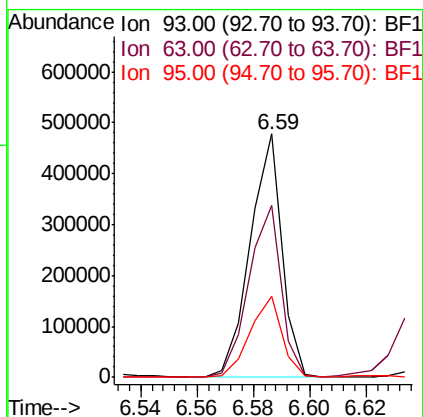
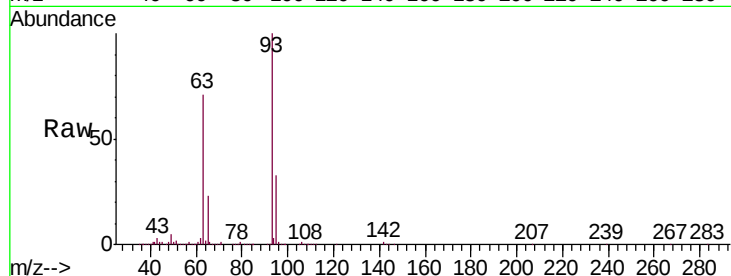




#11
bis(2-Chloroethyl)ether
Concen: 36.789 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

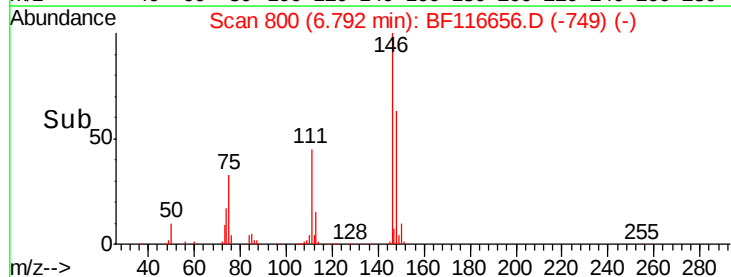
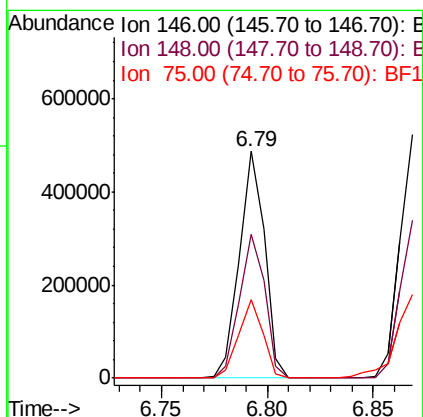
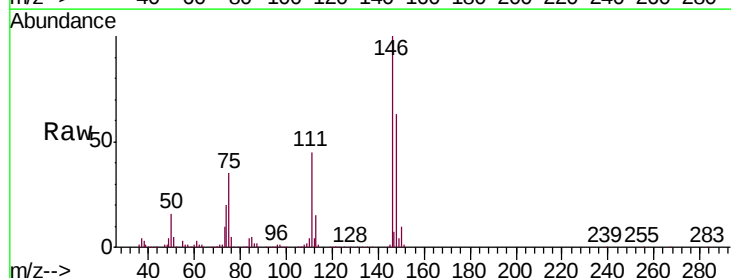
Instrument :
BNA_F
ClientSampleId :

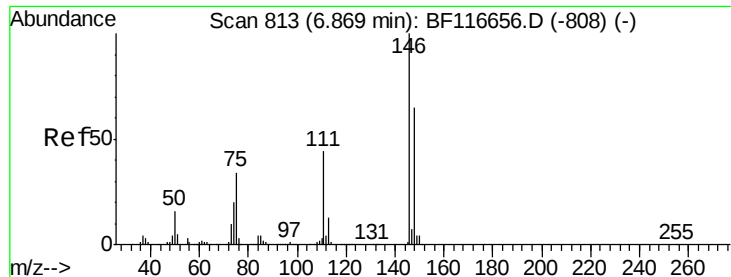
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	49.9	89.9
95	33.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 38.104 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
75	34.8	29.6	44.4

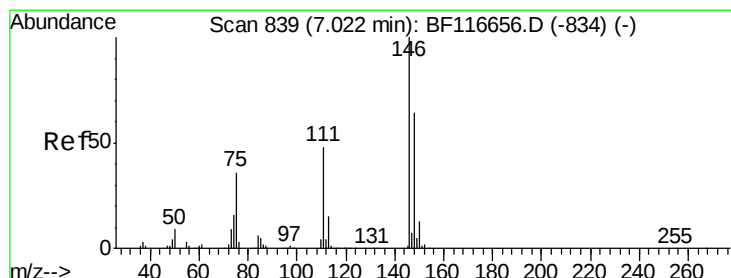
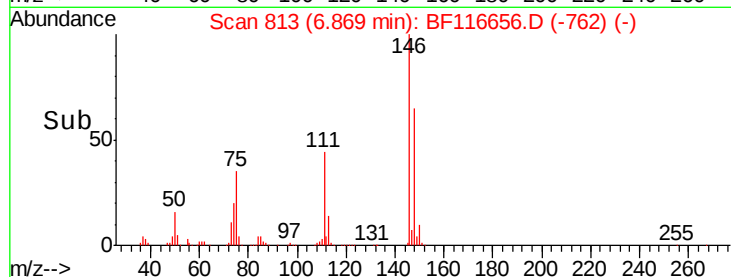
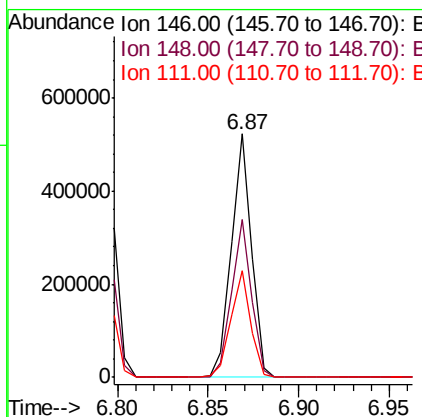
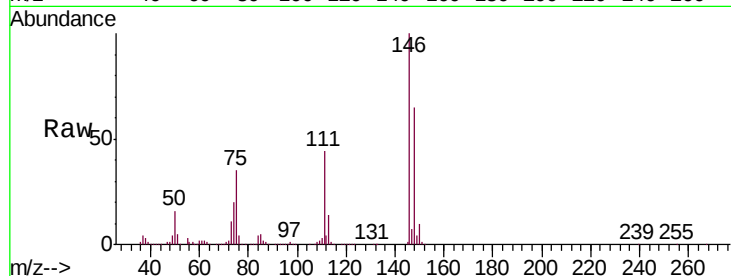




#13
 1,4-Dichlorobenzene
 Concen: 39.878 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

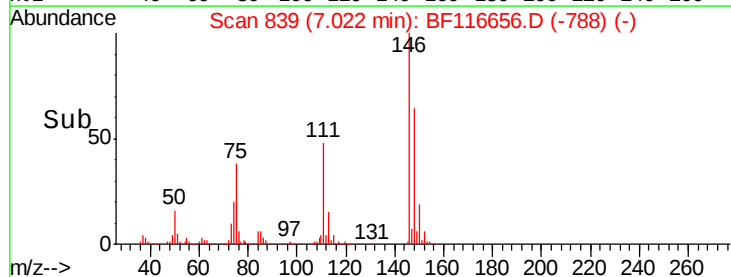
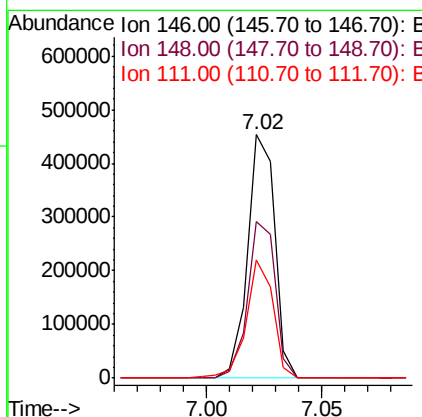
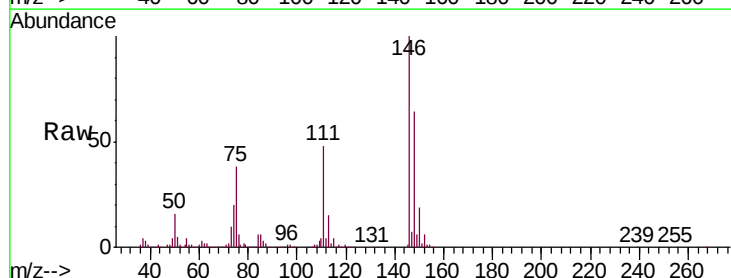
Instrument :
 BNA_F
 ClientSampleId :

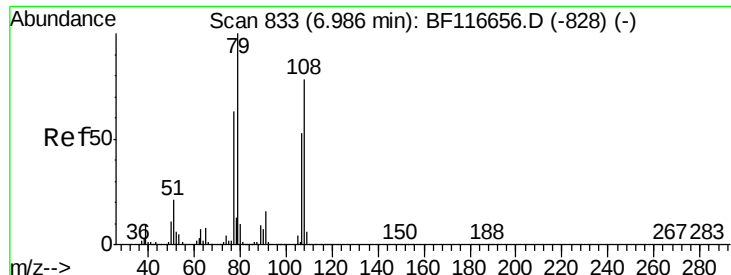
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
111	43.7	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 41.715 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	78.8
111	48.5	34.2	51.4





#15

Benzyl Alcohol

Concen: 43.528 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampled :

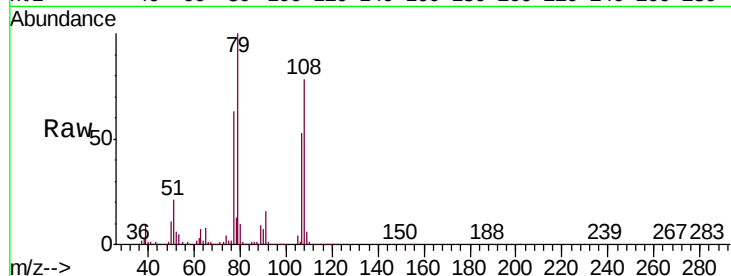
Tot Ion: 79 Resp: 352708

Ion Ratio Lower Upper

79 100

108 78.4 59.2 88.8

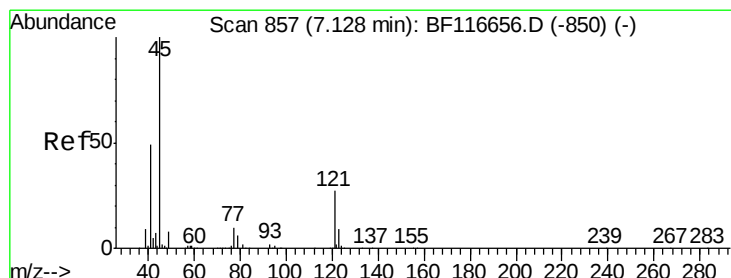
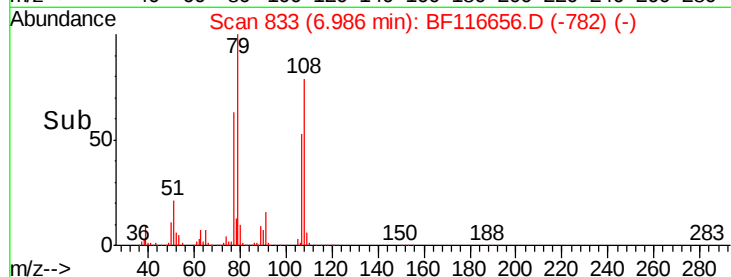
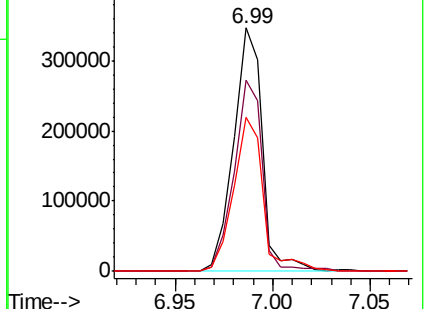
77 63.2 53.0 79.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.028 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

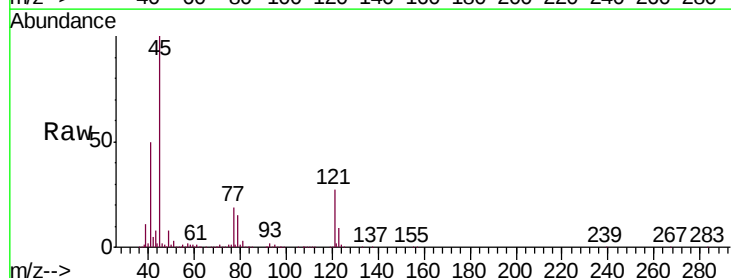
Tgt Ion: 45 Resp: 442487

Ion Ratio Lower Upper

45 100

77 19.1 0.0 38.2

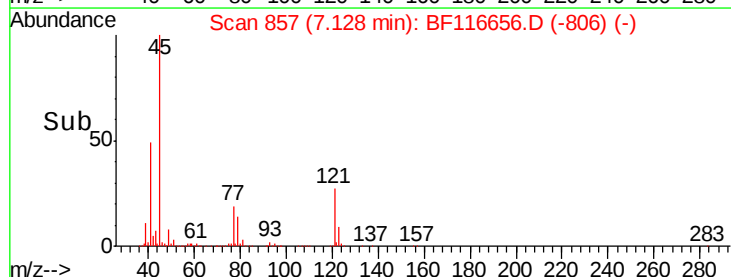
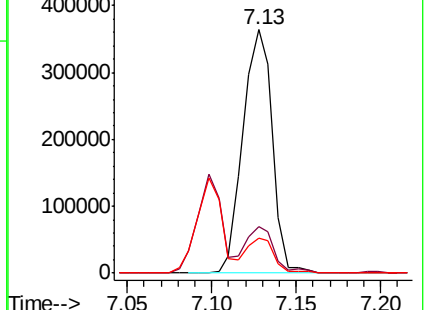
79 14.5 0.0 33.9

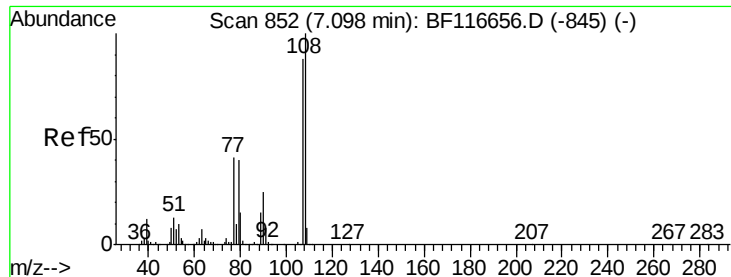


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

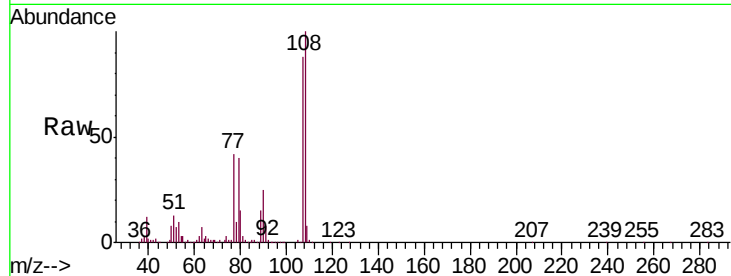




#17
2-Methylphenol
Concen: 43.742 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	311556
Ion	Ratio	Lower	Upper
107	100		
108	113.8	88.3	132.5
77	47.3	39.9	59.9
79	45.9	39.8	59.8



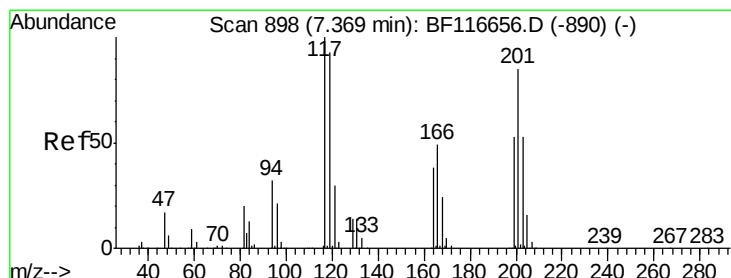
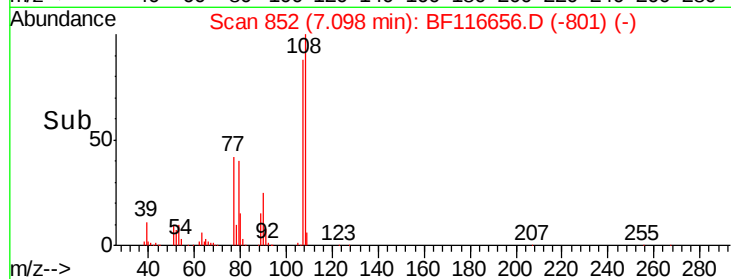
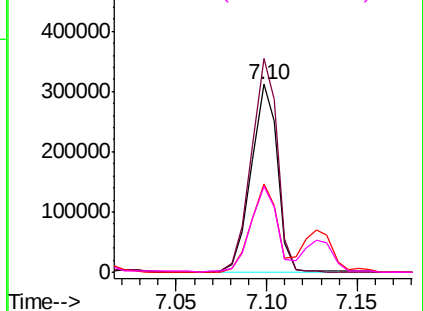
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

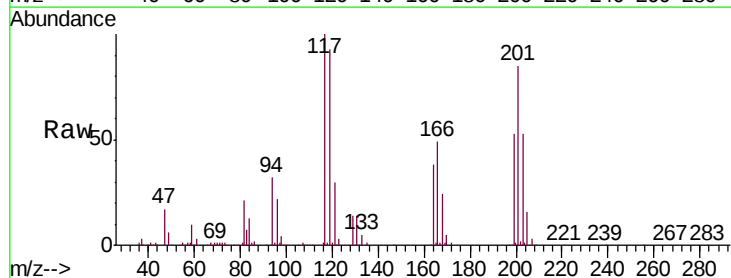
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.929 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion:	117	Resp:	158369
Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.9	115.3
201	84.5	79.4	119.0

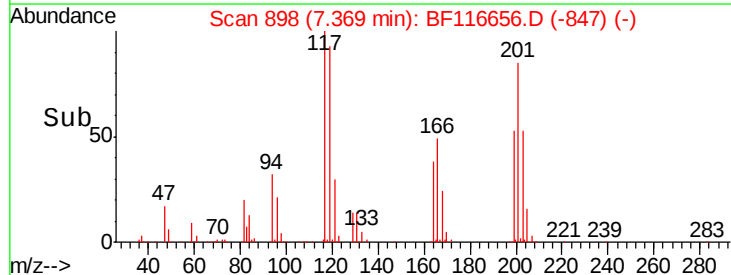
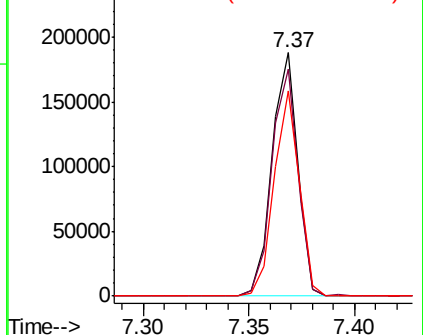


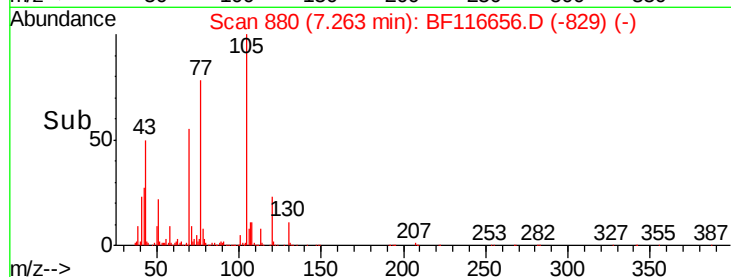
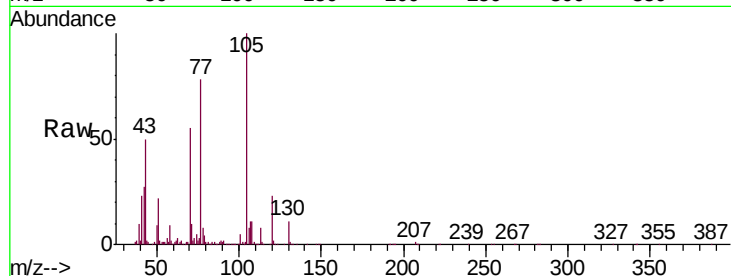
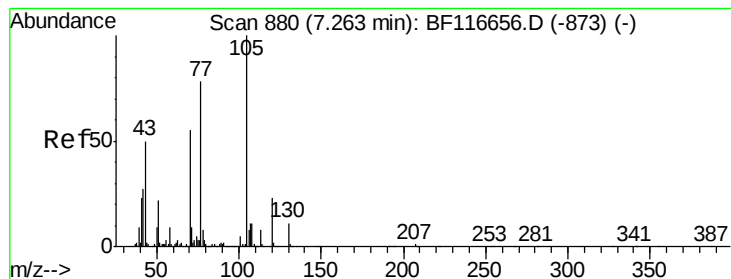
Abundance

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: 44.868 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 282792

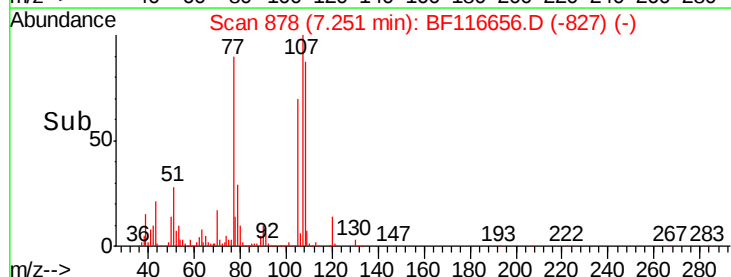
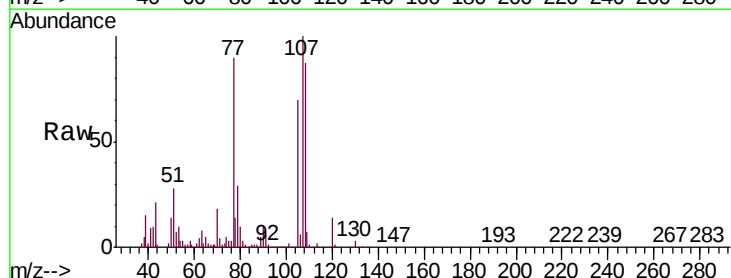
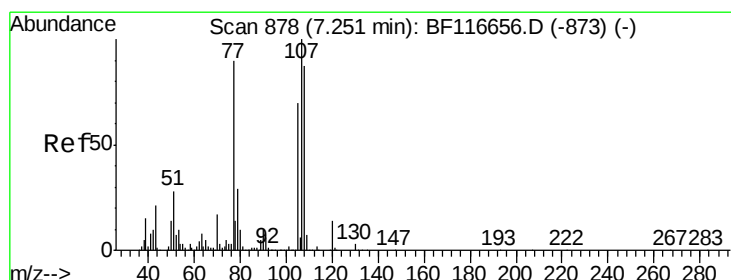
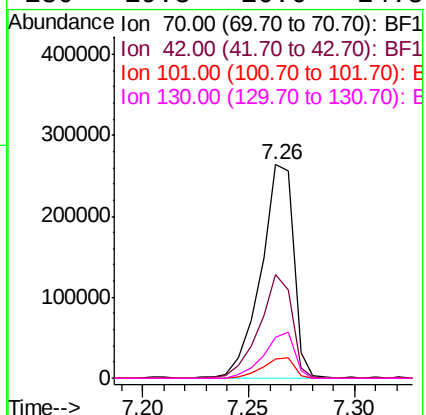
Ion Ratio Lower Upper

70 100

42 48.5 43.5 65.3

101 9.2 7.8 11.6

130 19.3 16.6 24.8



#20

3+4-Methylphenols

Concen: 41.448 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion: 107 Resp: 371495

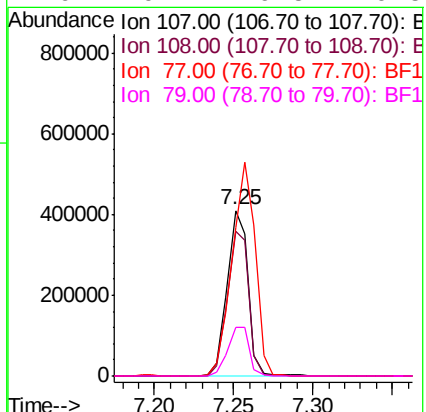
Ion Ratio Lower Upper

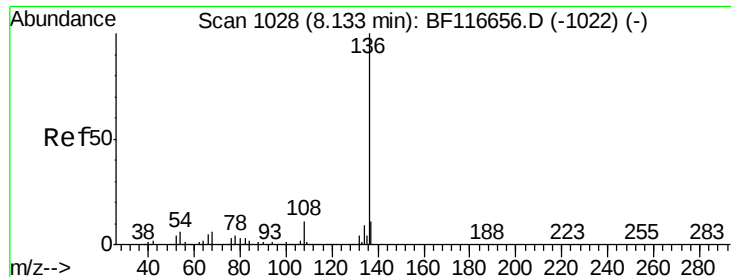
107 100

108 87.1 65.5 105.5

77 89.7 69.4 109.4

79 29.2 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 551395

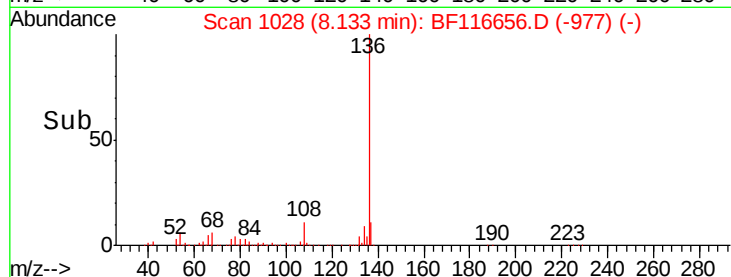
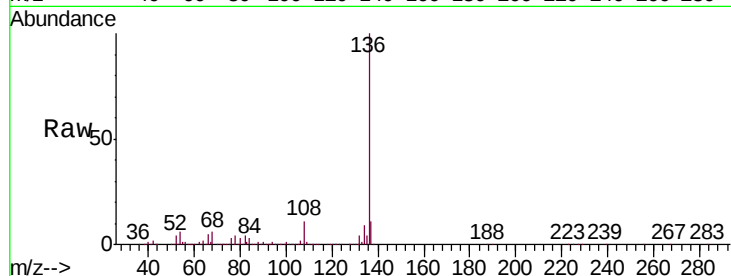
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.8 4.8 7.2

68 5.6 4.0 6.0

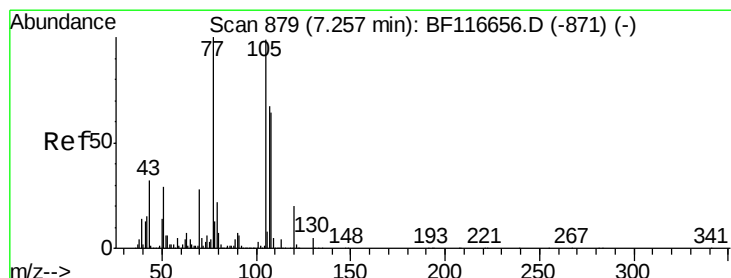
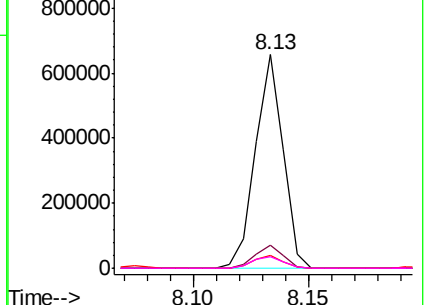


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.290 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:105 Resp: 533535

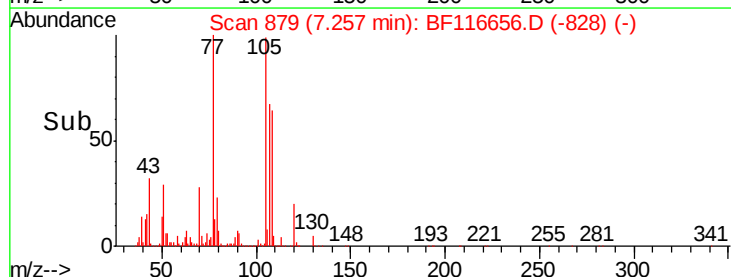
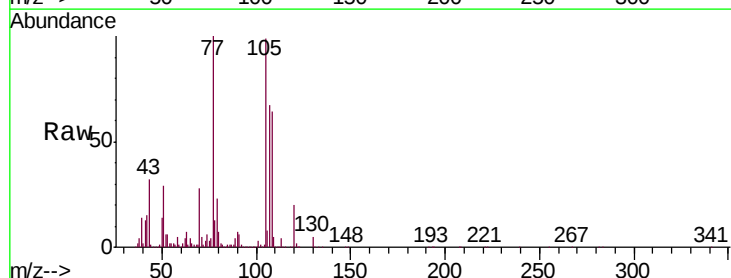
Ion Ratio Lower Upper

105 100

71 5.3 4.2 6.4

51 29.9 25.8 38.8

120 20.6 16.4 24.6

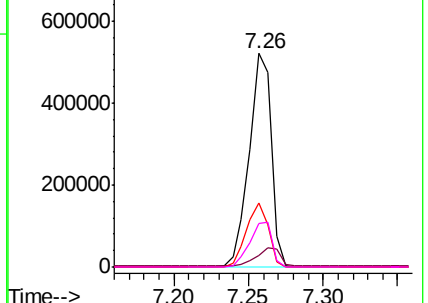


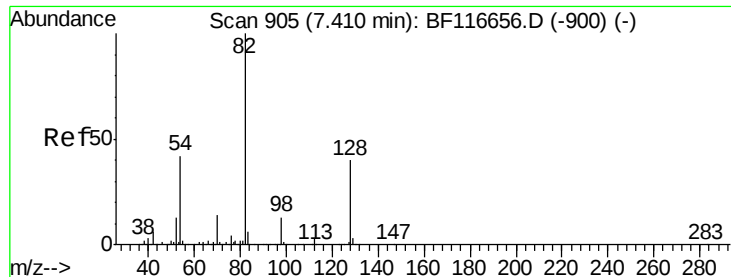
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

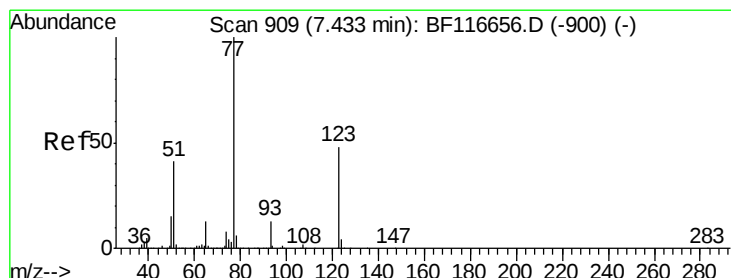
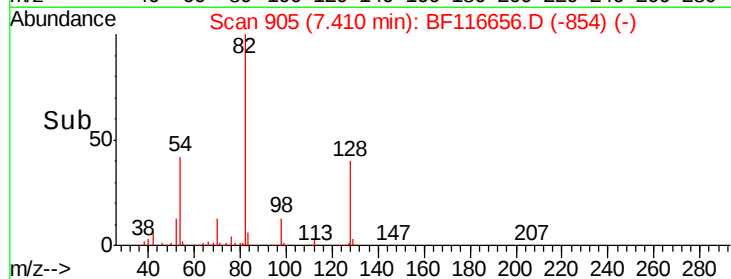
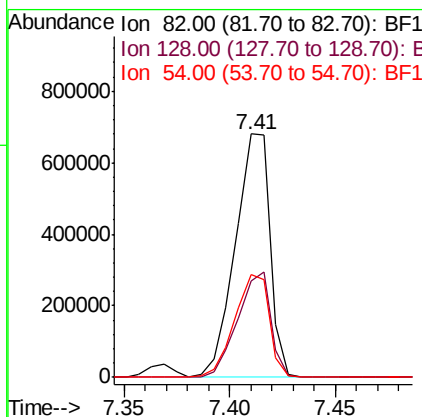
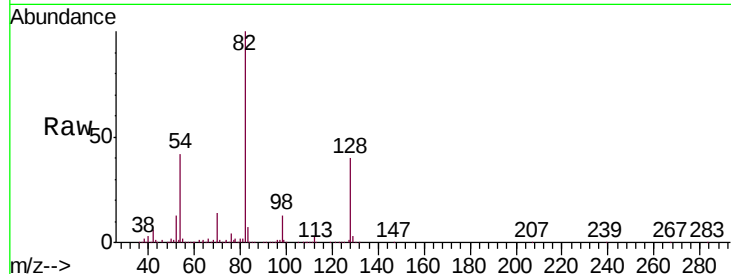




#23
 Nitrobenzene-d5
 Concen: 73.806 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

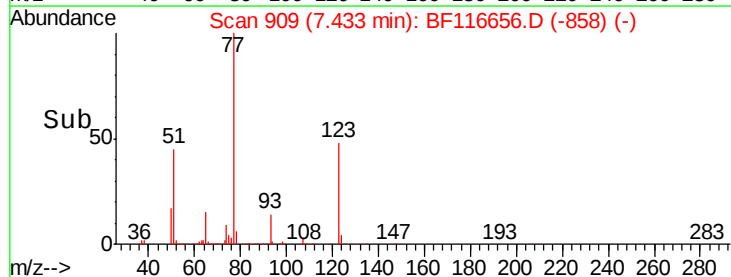
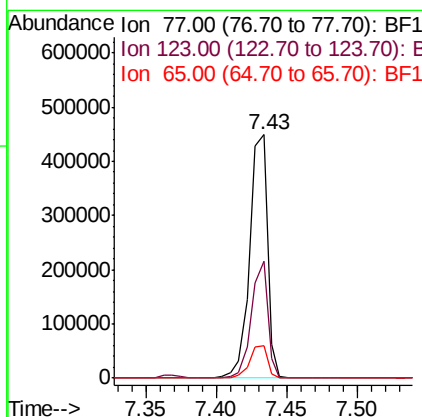
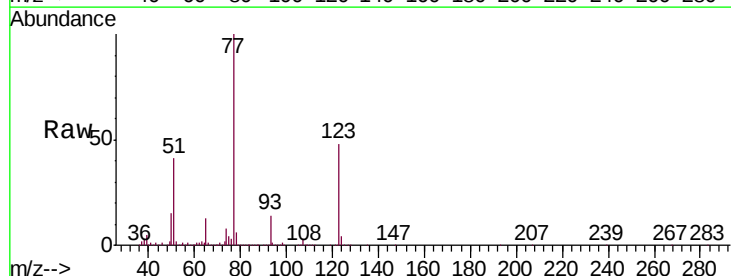
Instrument :
 BNA_F
 ClientSampled :

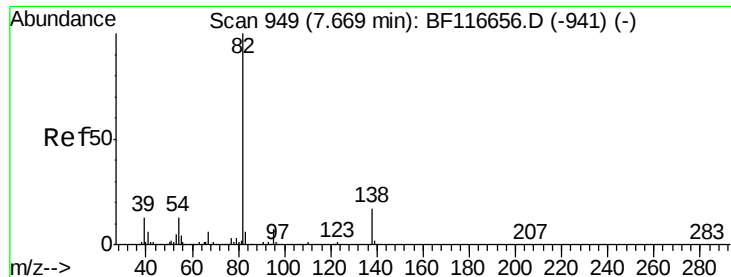
Tot Ion	82	Resp	773315
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.8	49.2
54	42.1	36.9	55.3



#24
 Nitrobenzene
 Concen: 38.287 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	77	Resp	401534
Ion Ratio	Lower	Upper	
77	100		
123	48.1	33.1	49.7
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.091 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

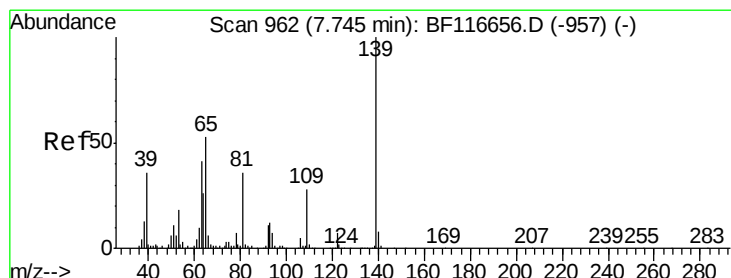
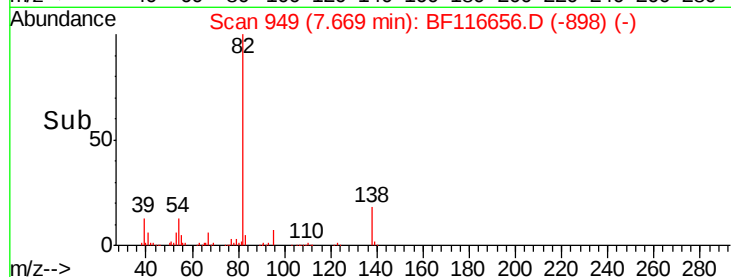
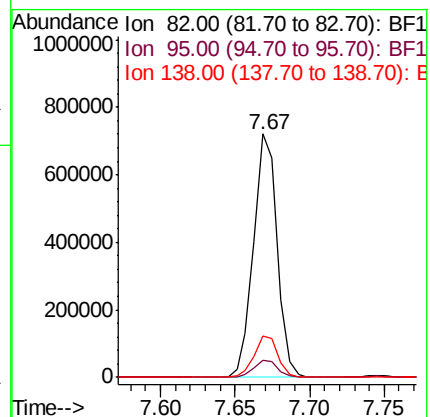
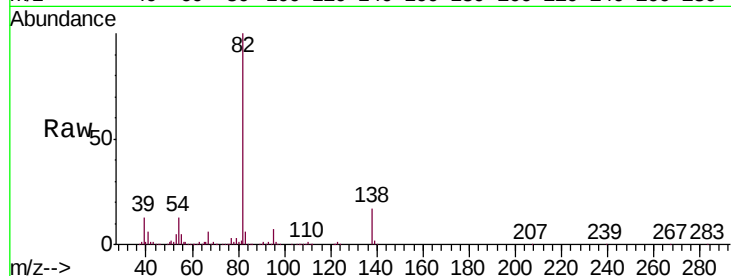
Tot Ion: 82 Resp: 779062

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 16.9 13.5 20.3



#26

2-Nitrophenol

Concen: 31.196 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

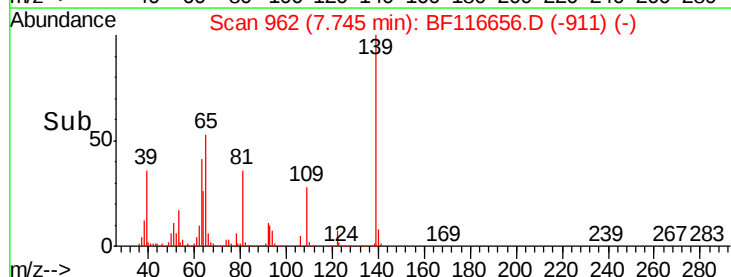
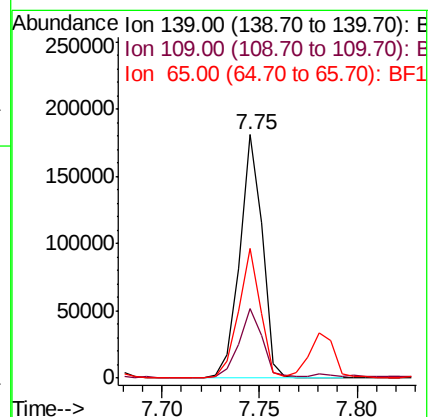
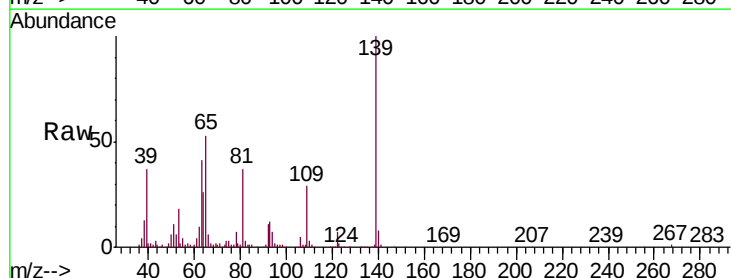
Tgt Ion: 139 Resp: 145415

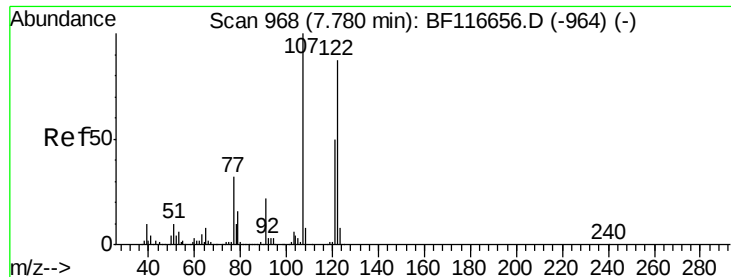
Ion Ratio Lower Upper

139 100

109 28.7 27.1 40.7

65 53.3 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 40.405 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

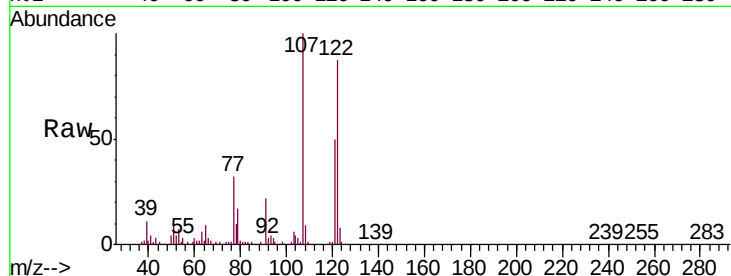
Tot Ion:122 Resp: 298442

Ion Ratio Lower Upper

122 100

107 115.0 98.1 147.1

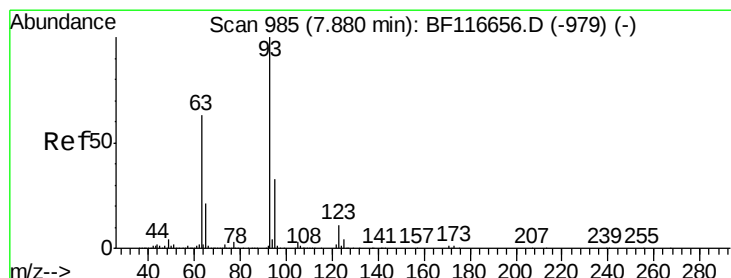
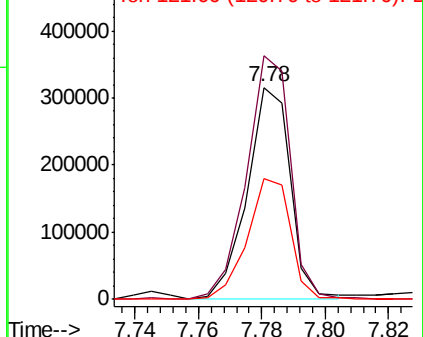
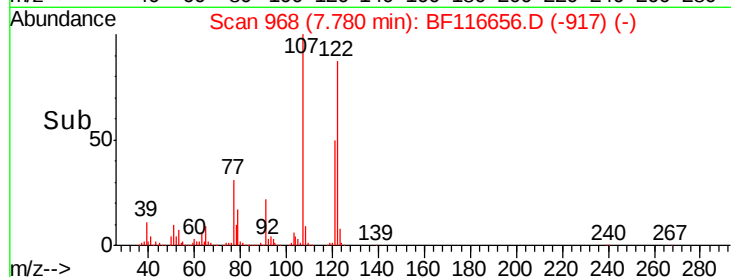
121 57.2 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.248 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

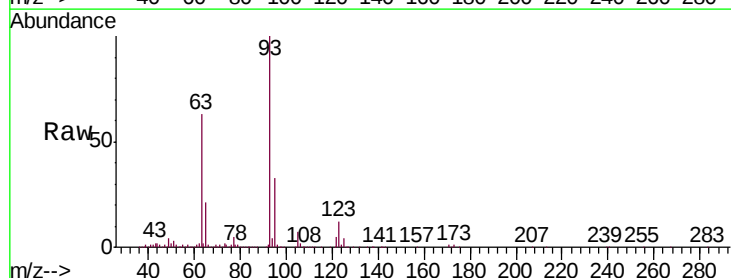
Tgt Ion: 93 Resp: 483357

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

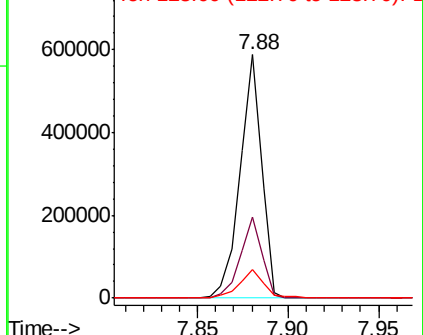
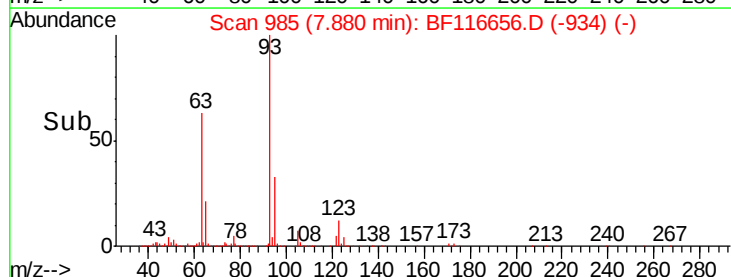
123 11.5 9.8 14.8

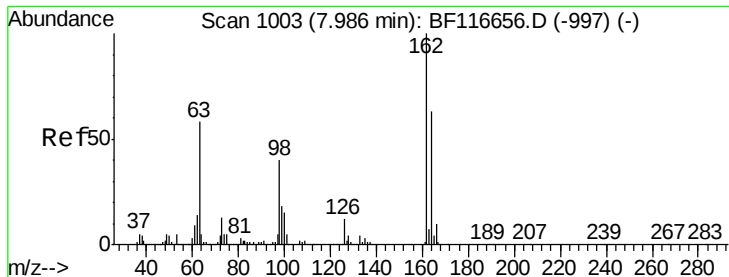


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

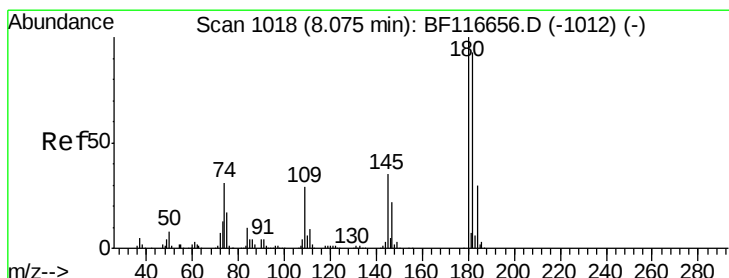
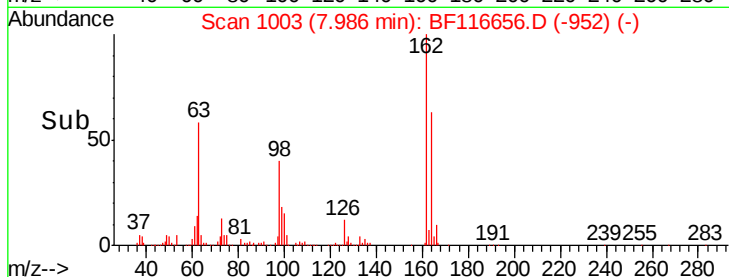
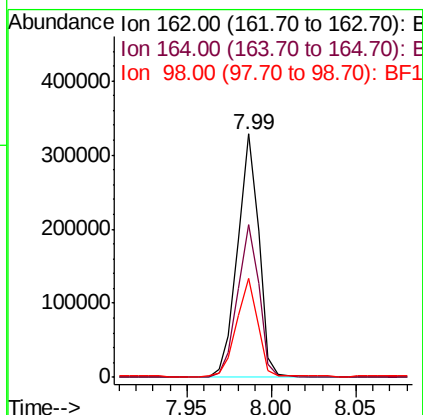
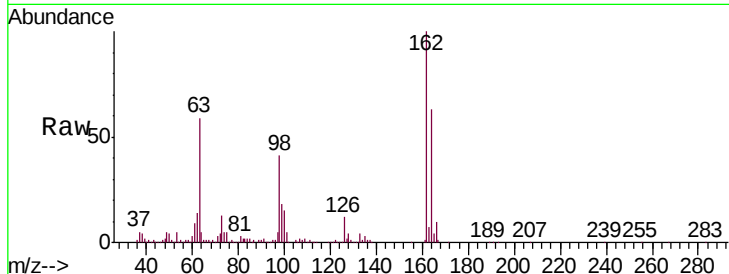




#29
2,4-Dichlorophenol
Concen: 36.828 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

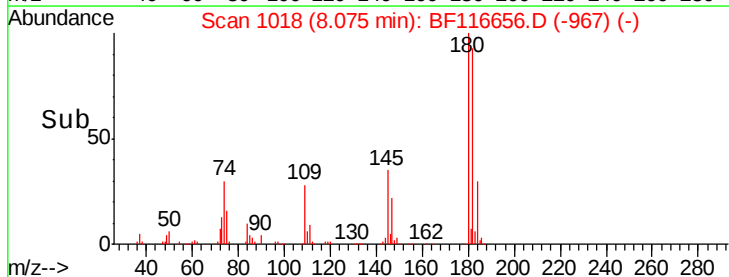
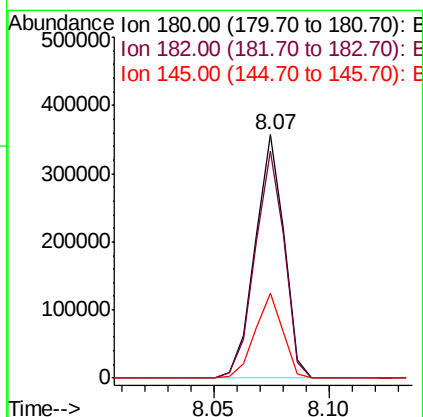
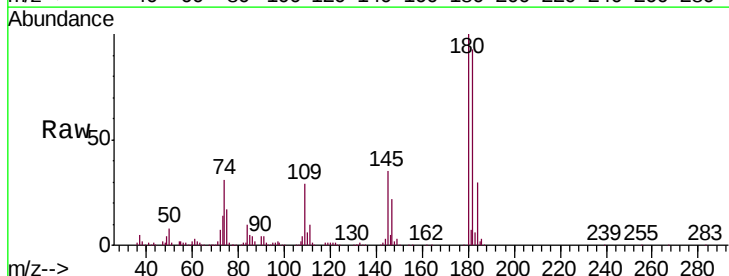
Instrument :
BNA_F
ClientSampleId :

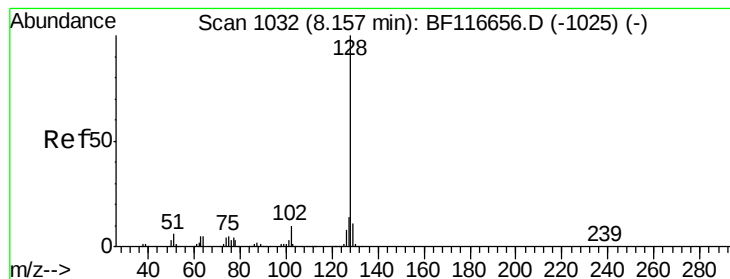
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.4	83.4
98	40.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 34.806 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	78.6	118.0
145	34.9	25.7	38.5





#31

Naphthalene

Concen: 38.143 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

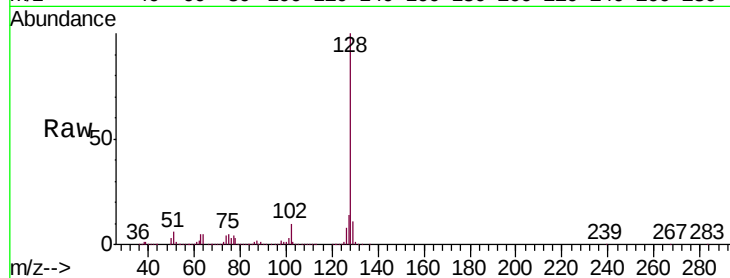
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1066397

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.4	15.6

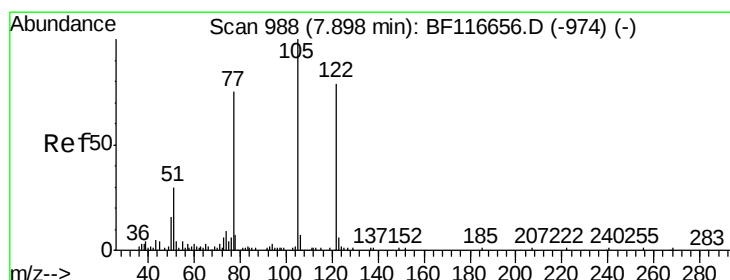
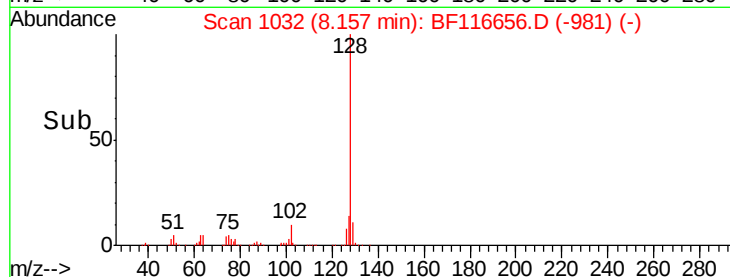
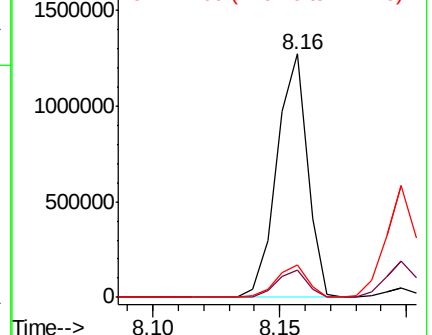


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.997 ng

RT: 7.90 min Scan# 988

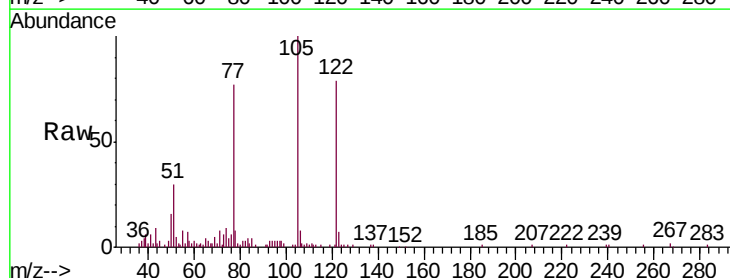
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:122 Resp: 142928

Ion	Ratio	Lower	Upper
122	100		
105	126.0	110.0	150.0
77	96.6	81.7	121.7

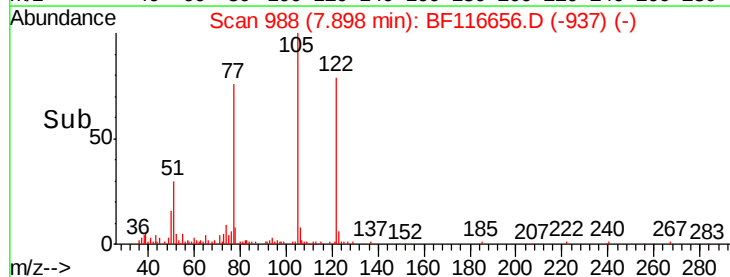
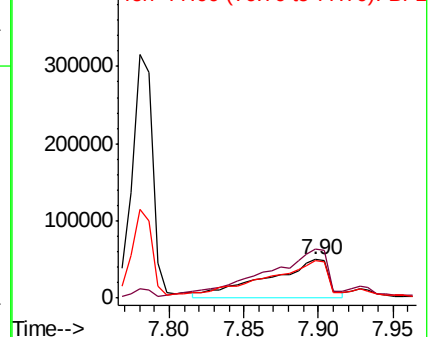


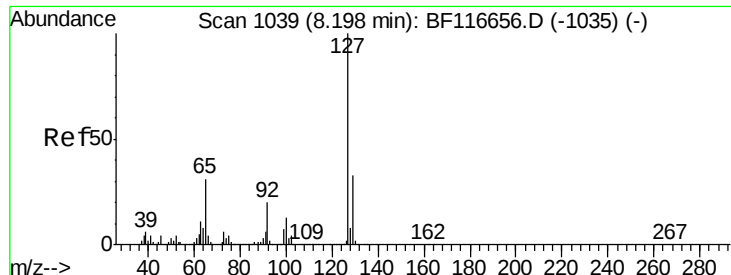
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

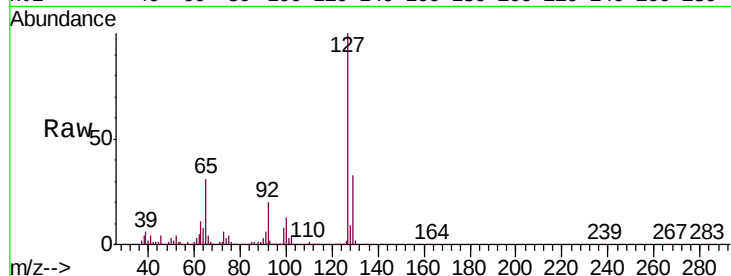




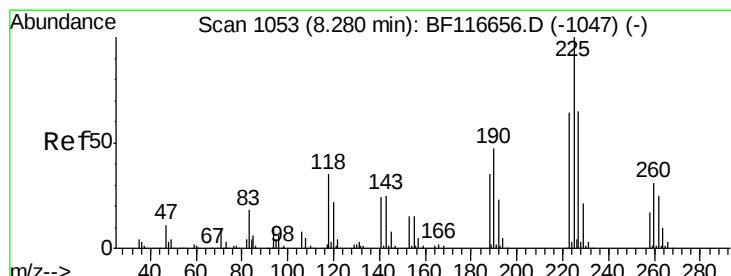
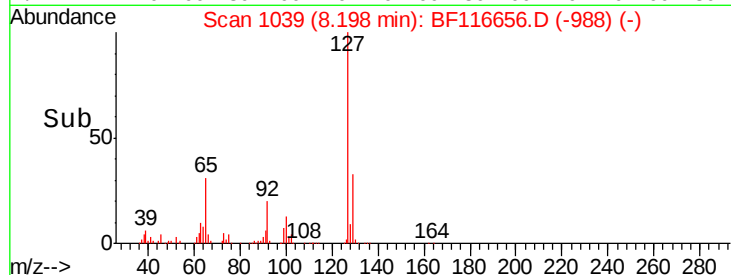
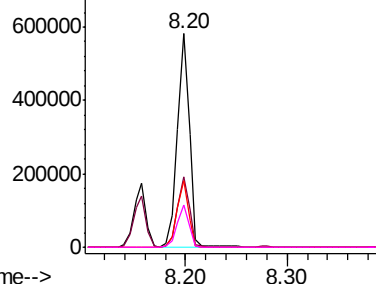
#33
 4-Chloroaniline
 Concen: 40.359 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	478480
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	31.1	26.0	39.0
92	19.7	16.1	24.1

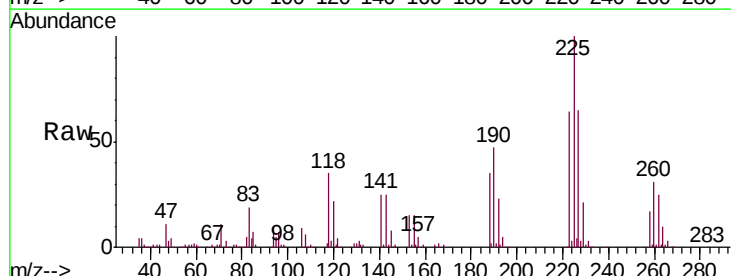


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

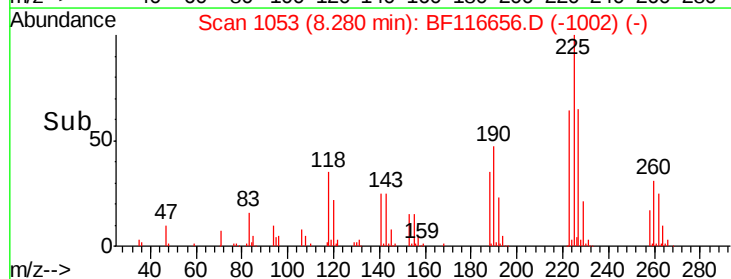
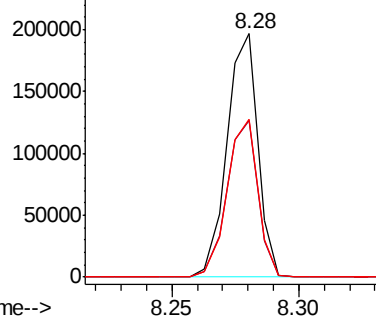


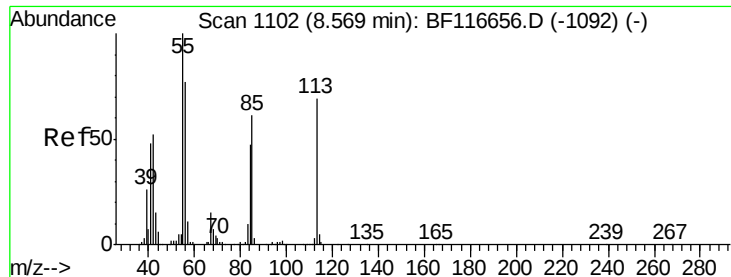
#34
 Hexachlorobutadiene
 Concen: 32.627 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion:	225	Resp:	167828
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.4	74.2
227	64.6	51.0	76.4



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





#35

Caprolactam

Concen: 42.737 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

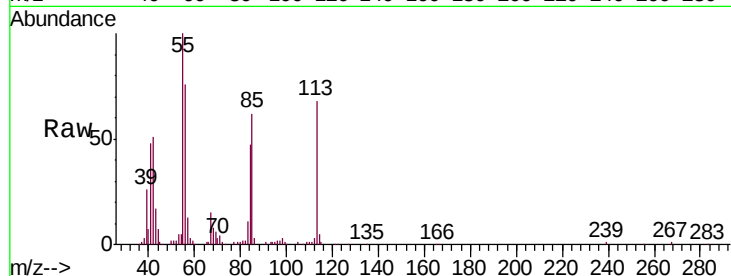
Tot Ion:113 Resp: 105638

Ion Ratio Lower Upper

113 100

55 147.4 124.3 164.3

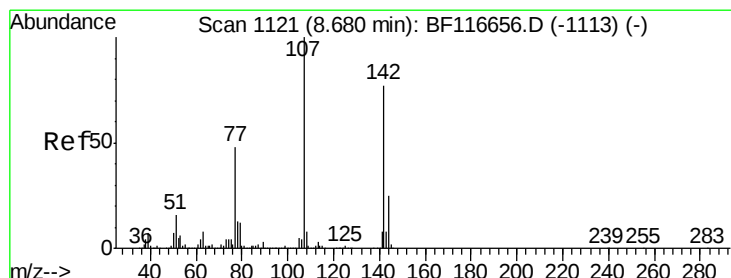
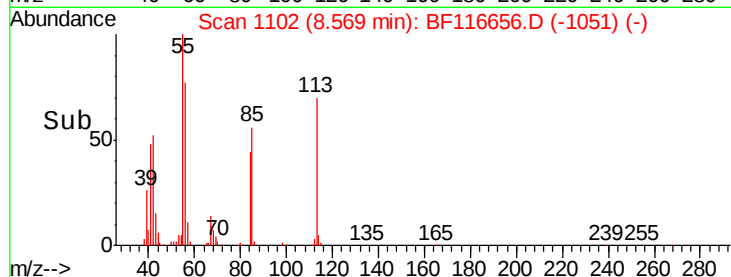
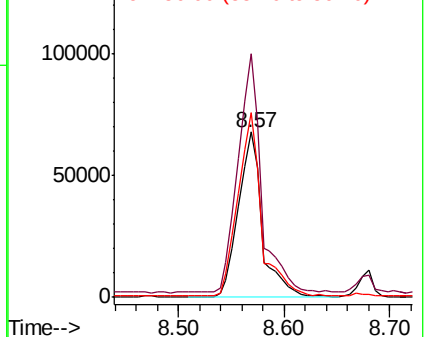
56 111.8 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.139 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

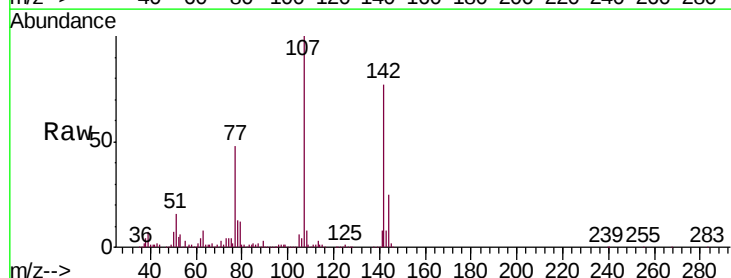
Tgt Ion:107 Resp: 328910

Ion Ratio Lower Upper

107 100

144 24.8 18.6 27.8

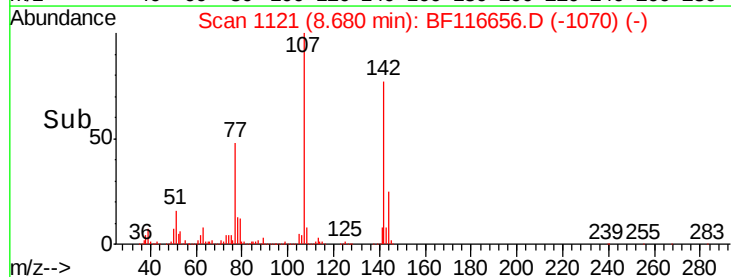
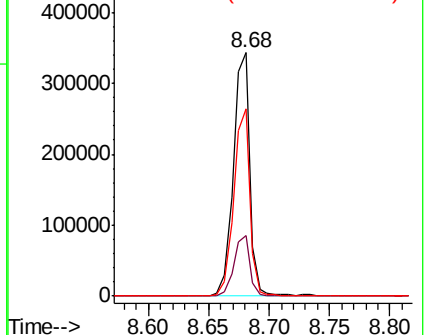
142 76.7 58.5 87.7

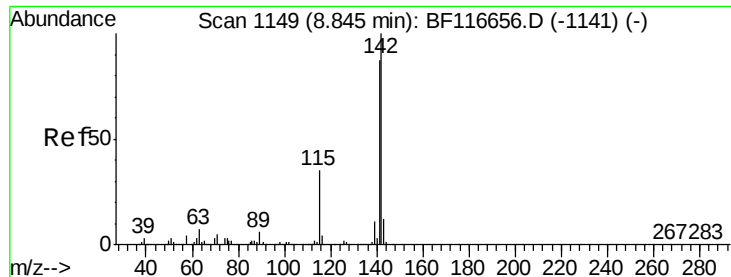


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

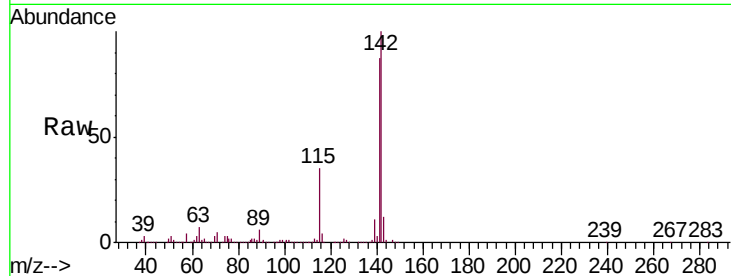




#37
2-Methylnaphthalene
Concen: 38.537 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.6	109.0
115	35.0	29.8	44.6

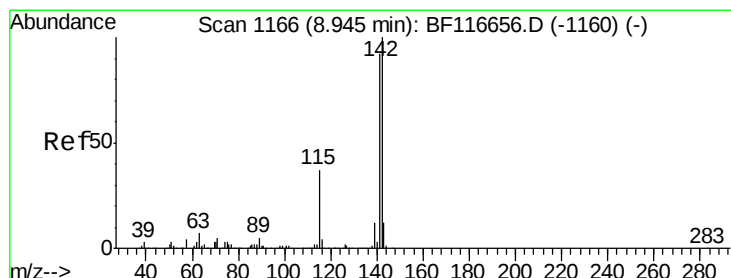
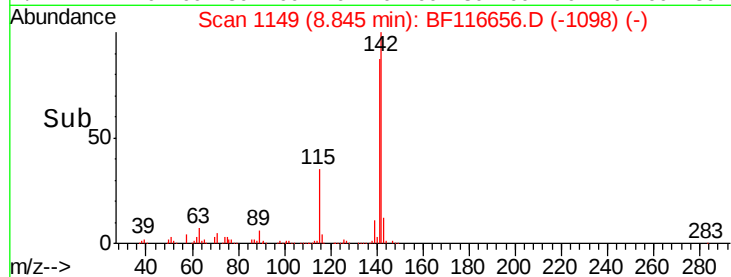
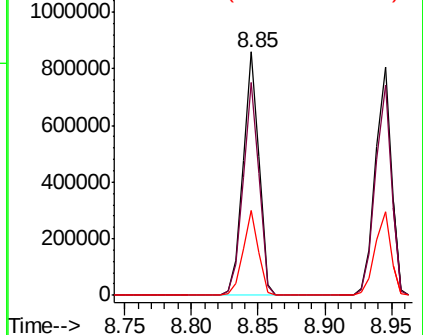


Abundance

Ion 142.00 (141.70 to 142.70): E

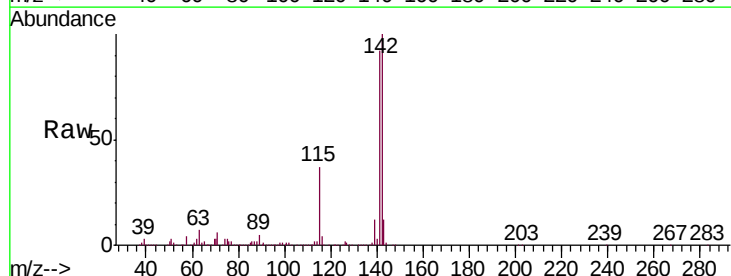
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.143 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9
116	3.7	3.0	4.6

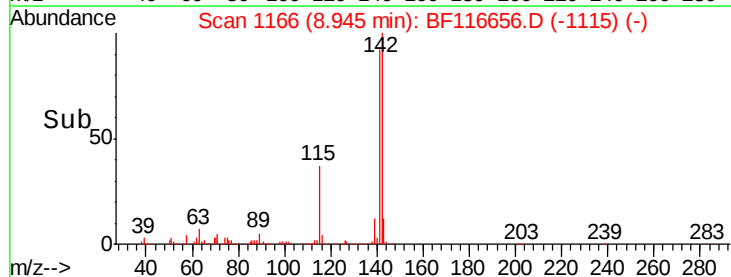
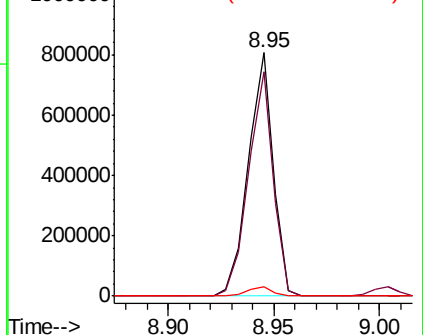


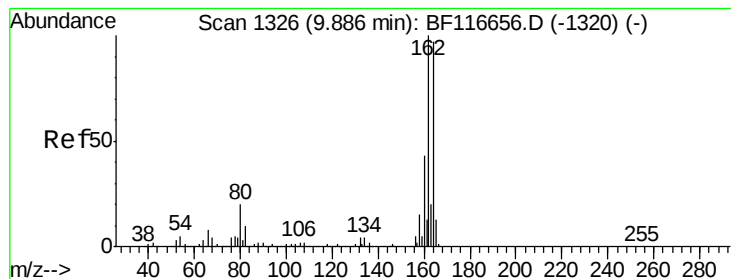
Abundance

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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

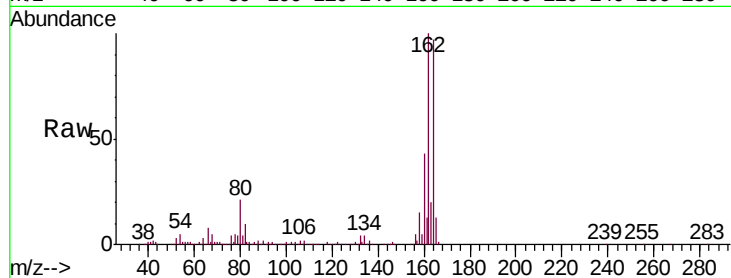
Tot Ion:164 Resp: 275115

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

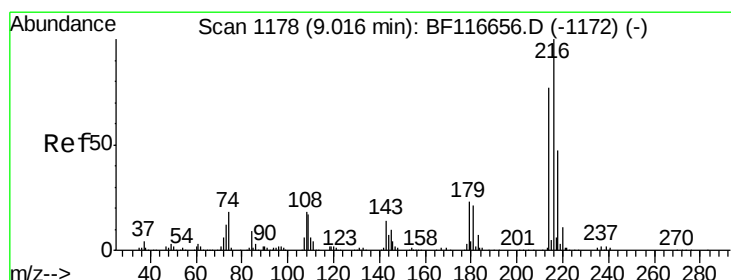
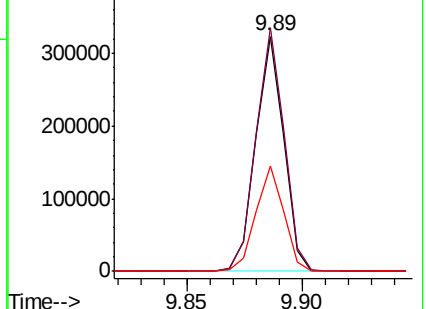
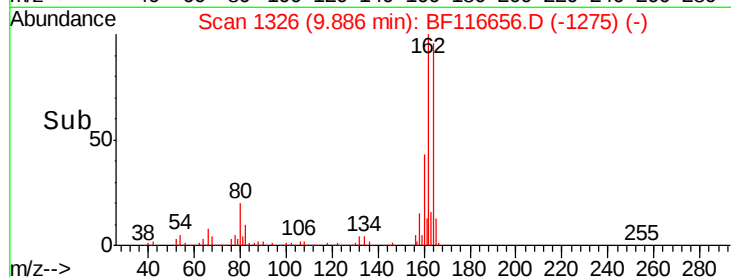
160 45.0 35.4 53.2



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: 28.497 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:216 Resp: 265960

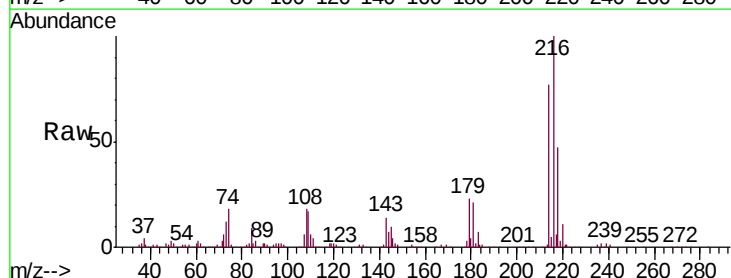
Ion Ratio Lower Upper

216 100

214 78.2 62.7 94.1

179 23.6 19.3 28.9

108 24.1 16.6 25.0

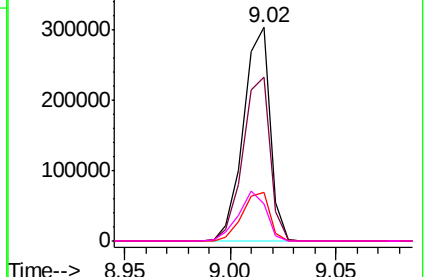
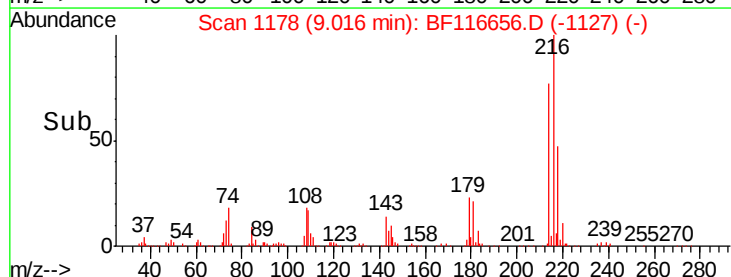


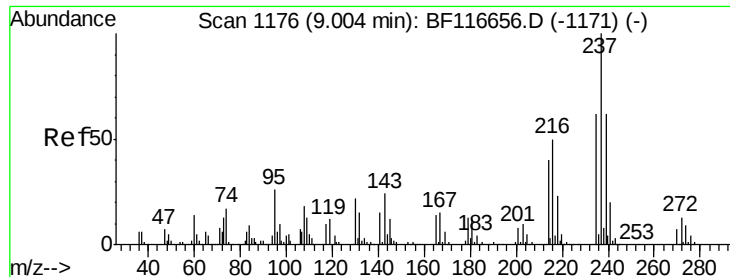
Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.316 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampled :

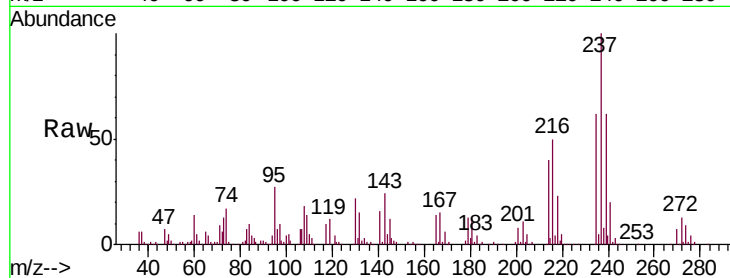
Tot Ion:237 Resp: 154896

Ion Ratio Lower Upper

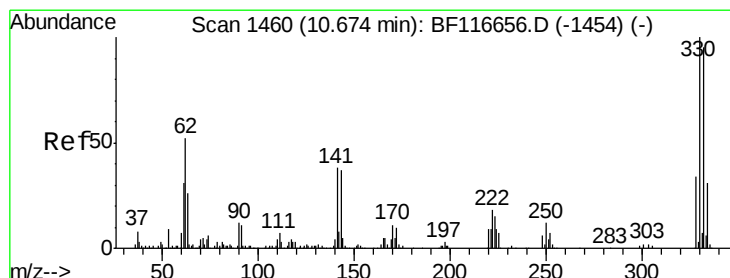
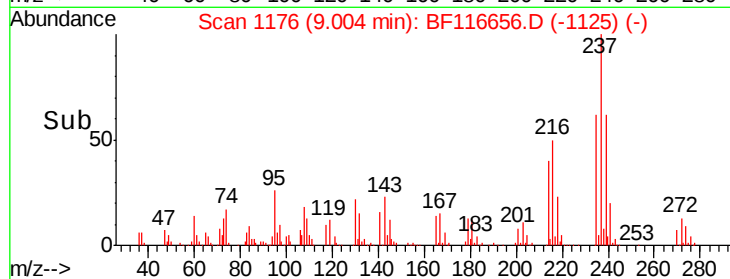
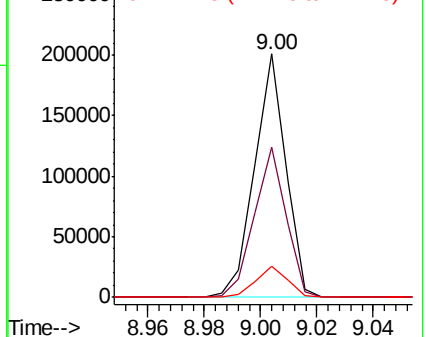
237 100

235 61.9 41.4 81.4

272 12.6 0.0 32.8



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



#42

2,4,6-Tribromophenol

Concen: 46.056 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

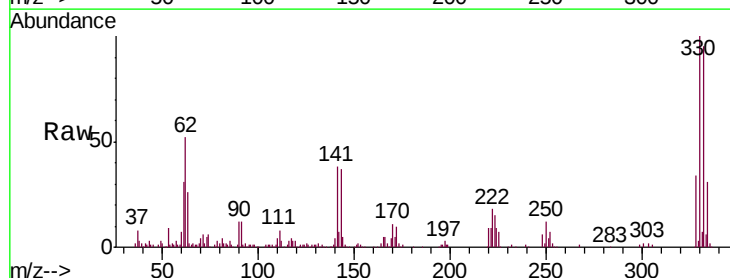
Tgt Ion:330 Resp: 146113

Ion Ratio Lower Upper

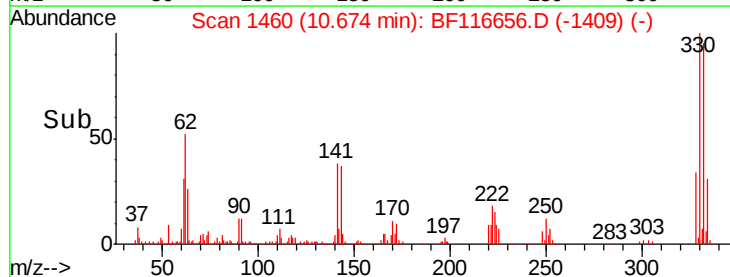
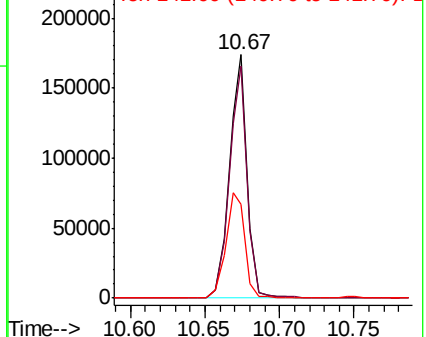
330 100

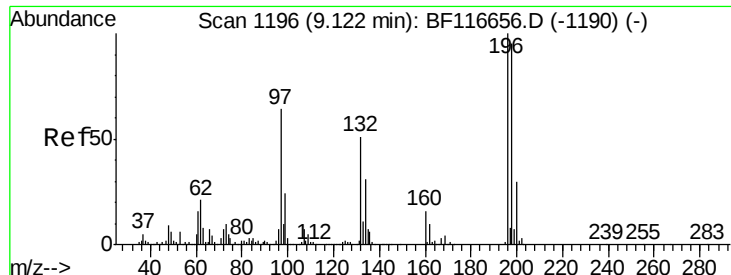
332 95.5 76.9 115.3

141 47.0 31.4 47.2



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

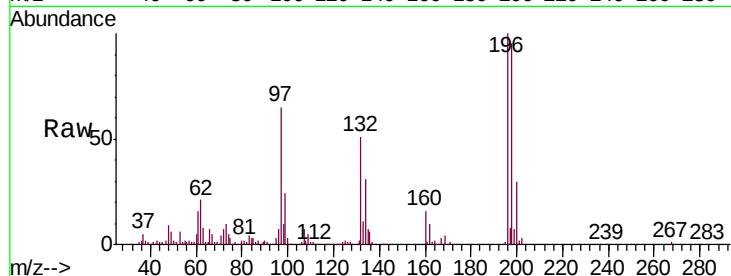




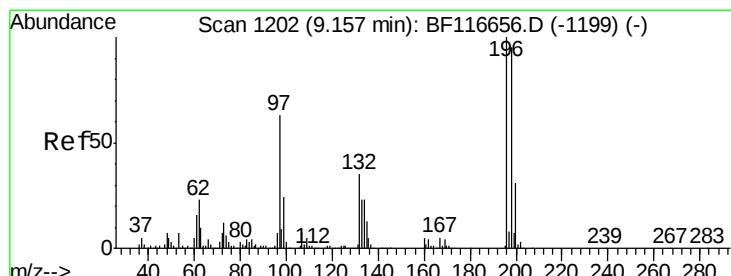
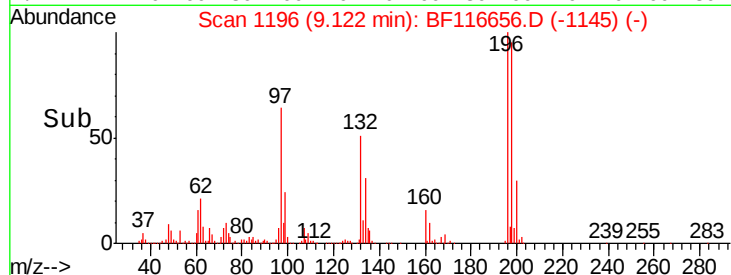
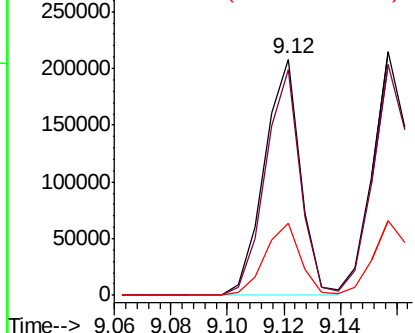
#43
 2,4,6-Trichlorophenol
 Concen: 29.317 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 184489
 Ion Ratio Lower Upper
 196 100
 198 95.5 79.1 118.7
 200 30.4 24.0 36.0

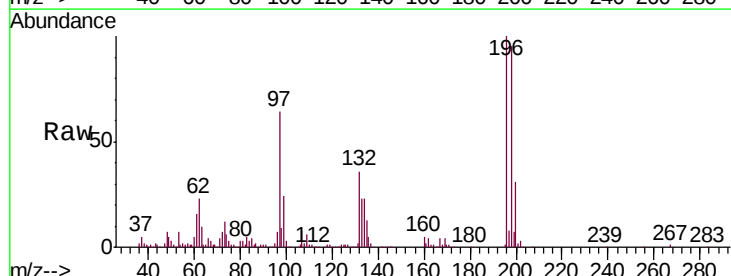


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

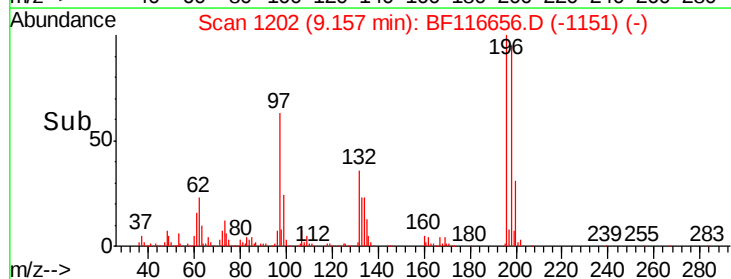
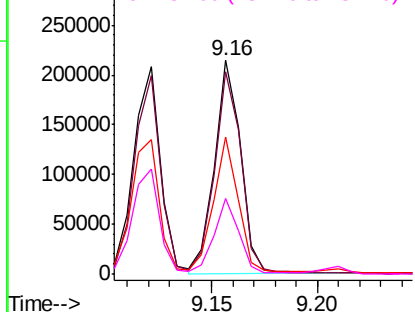


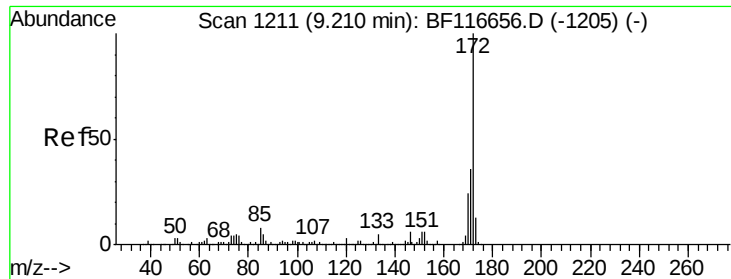
#44
 2,4,5-Trichlorophenol
 Concen: 29.145 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion:196 Resp: 186321
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.1 117.1
 97 63.9 41.6 62.4#
 132 35.6 23.5 35.3#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

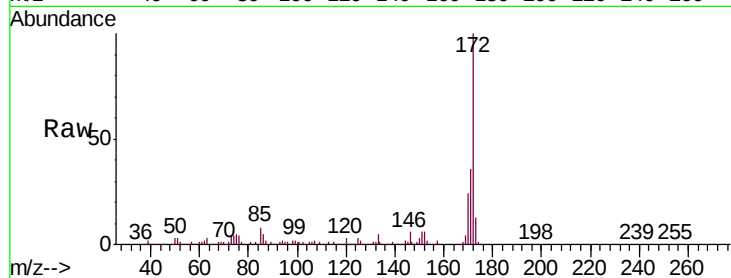




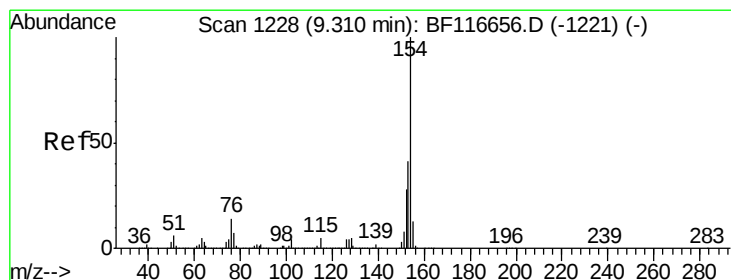
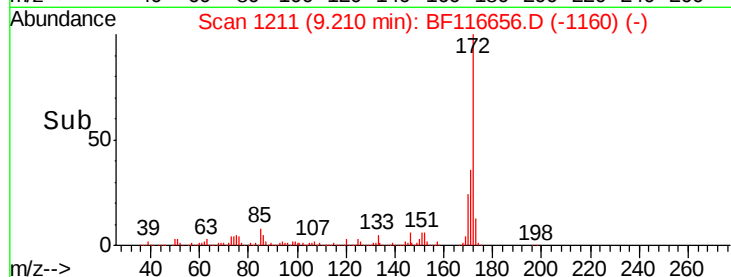
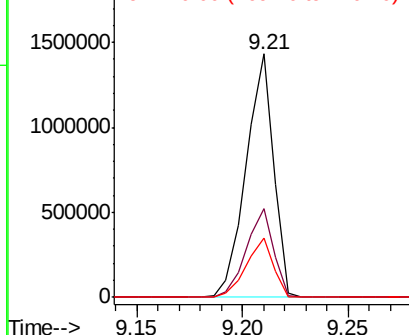
#45
2-Fluorobiphenyl
Concen: 59.120 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1295630
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.6
170 24.5 18.9 28.3

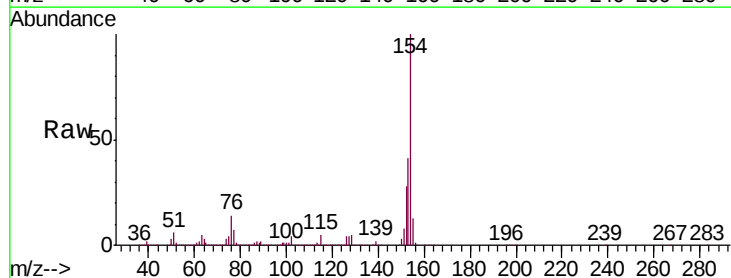


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

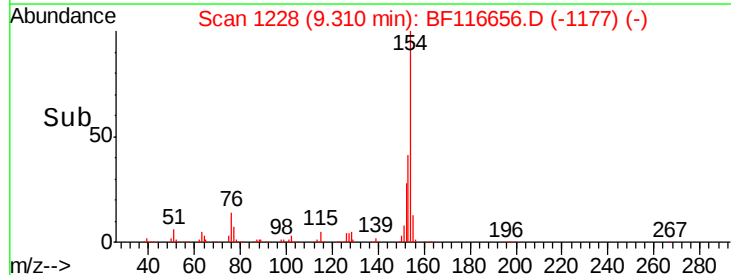
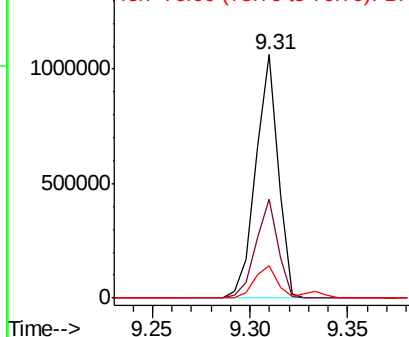


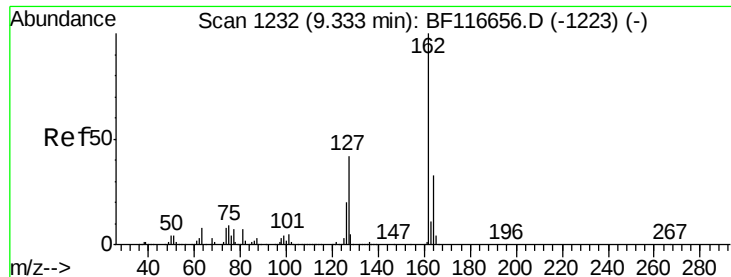
#46
1,1'-Biphenyl
Concen: 31.717 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion:154 Resp: 844932
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 13.5 0.0 30.9



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

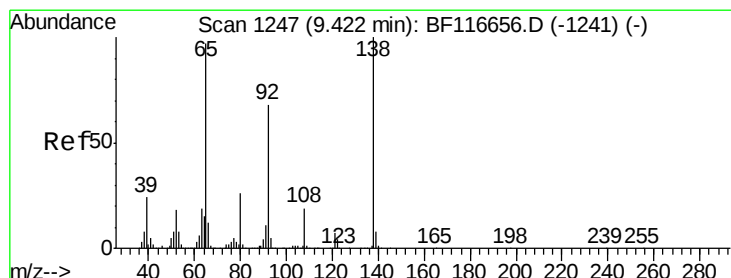
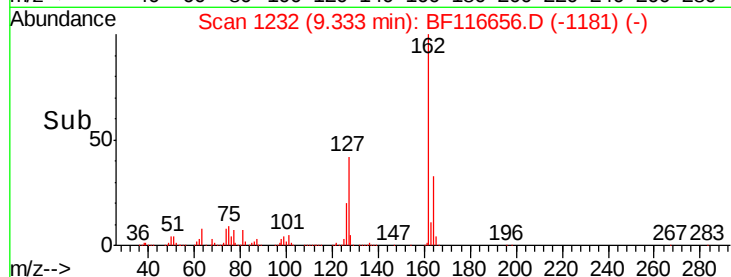
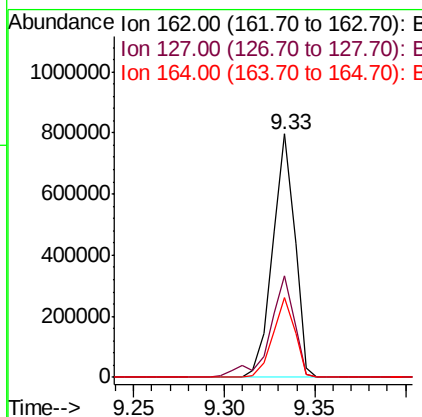
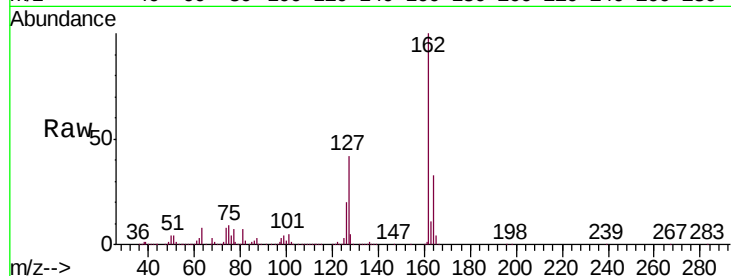




#47
2-Chloronaphthalene
Concen: 32.911 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

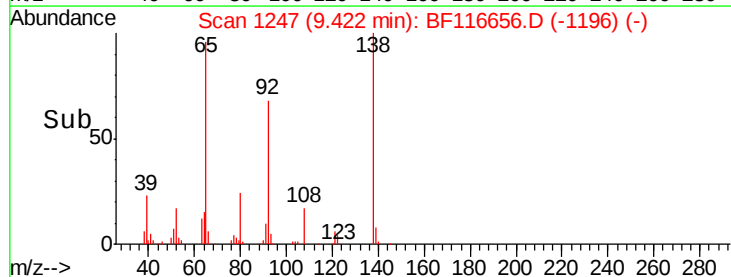
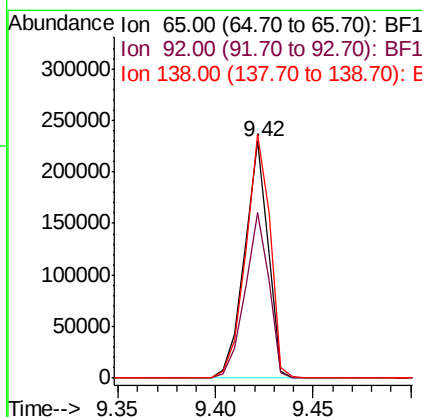
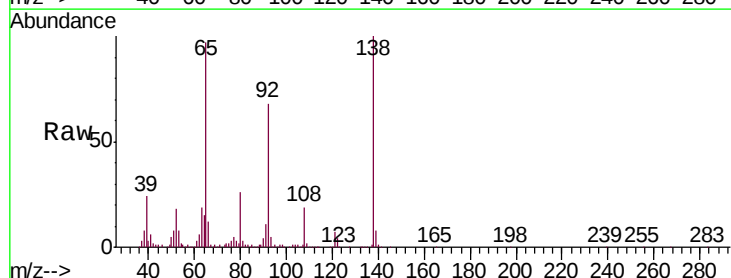
Instrument :
BNA_F
ClientSampleId :

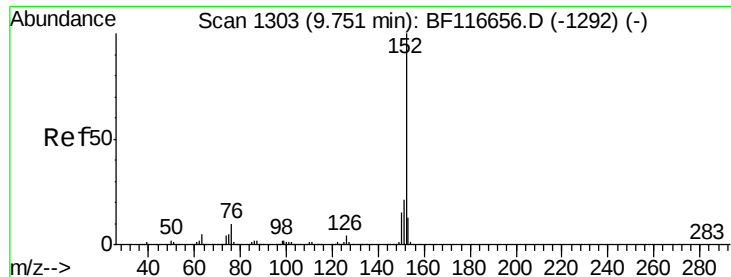
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	32.5	26.6	39.8



#48
2-Nitroaniline
Concen: 30.405 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.1	85.7
138	102.7	88.2	132.2





#49

Acenaphthylene

Concen: 36.199 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampled :

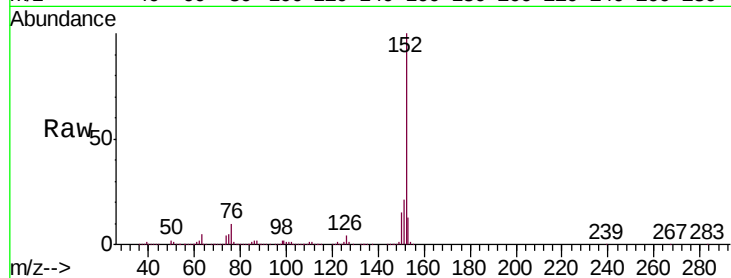
Tot Ion:152 Resp: 1012684

Ion Ratio Lower Upper

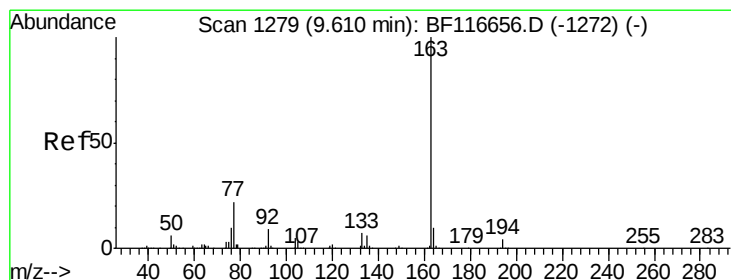
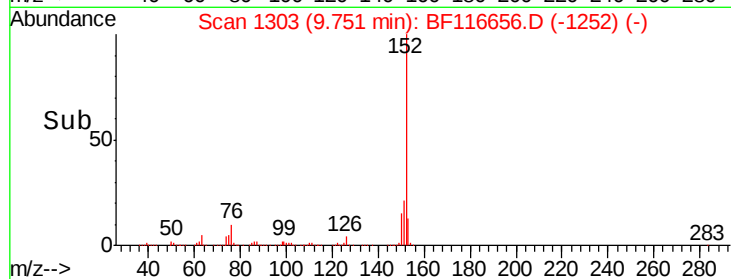
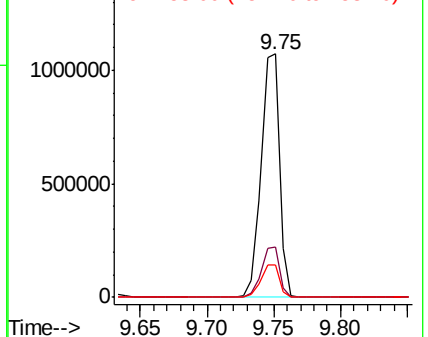
152 100

151 20.6 15.9 23.9

153 13.2 10.9 16.3



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: 32.619 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

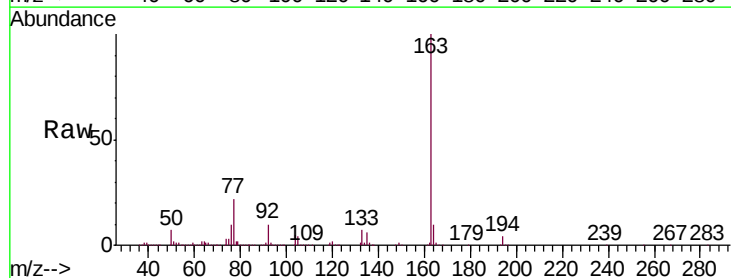
Tgt Ion:163 Resp: 764320

Ion Ratio Lower Upper

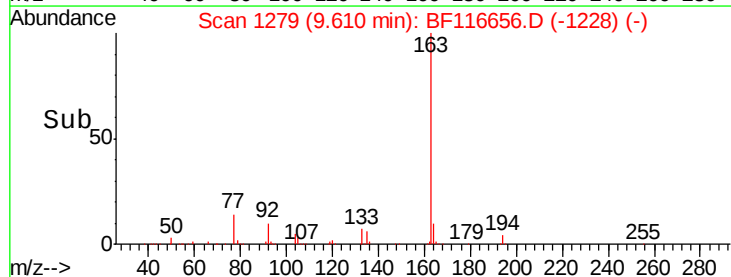
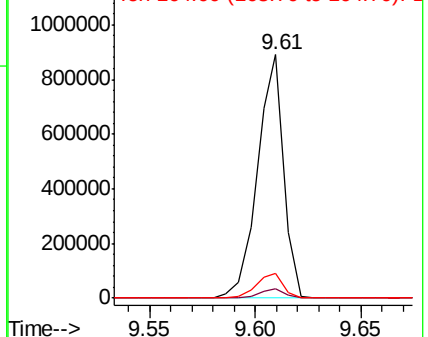
163 100

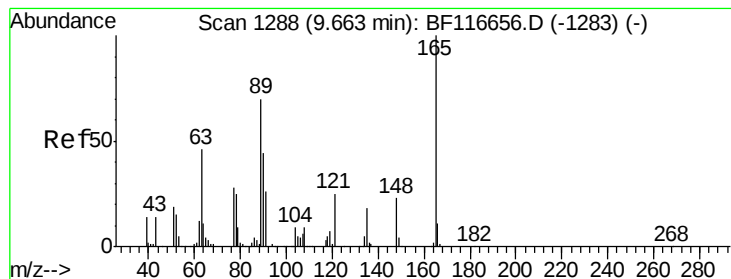
194 3.8 2.8 4.2

164 10.0 8.6 12.8



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: 30.780 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

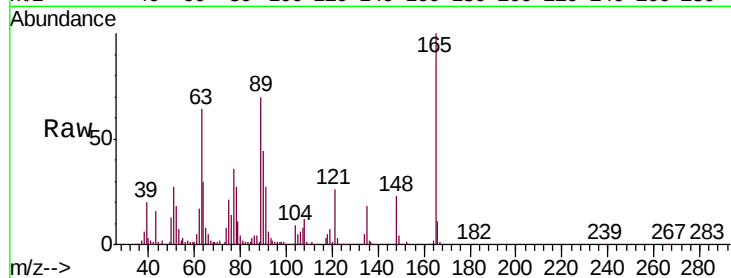
Tot Ion:165 Resp: 148351

Ion Ratio Lower Upper

165 100

63 63.8 47.3 70.9

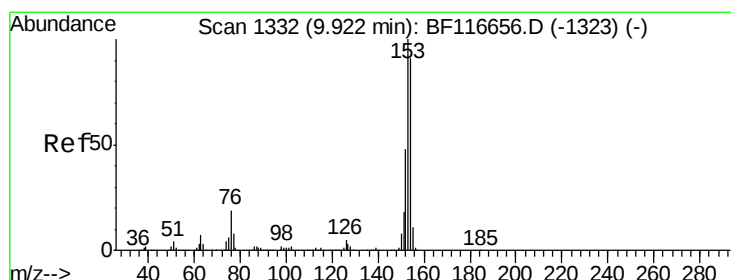
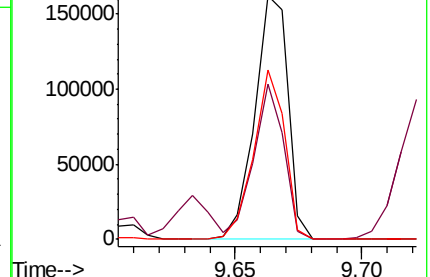
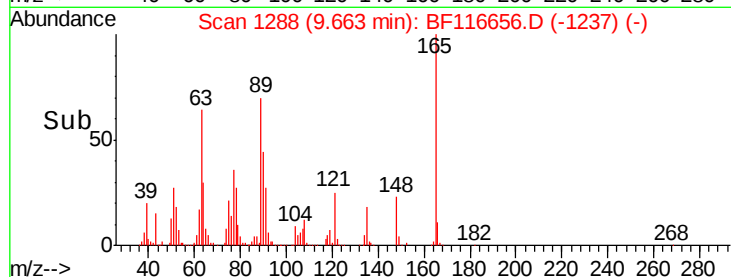
89 69.6 52.5 78.7



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: 36.413 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

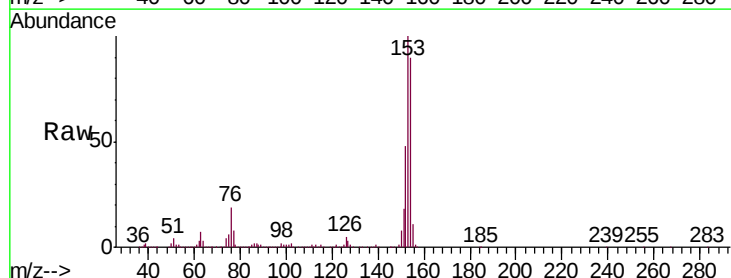
Tgt Ion:154 Resp: 619130

Ion Ratio Lower Upper

154 100

153 110.5 89.5 134.3

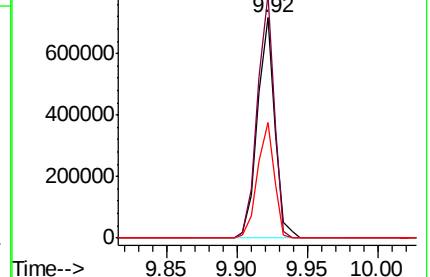
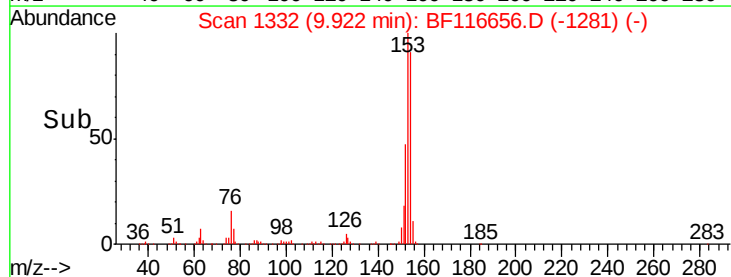
152 52.7 41.9 62.9

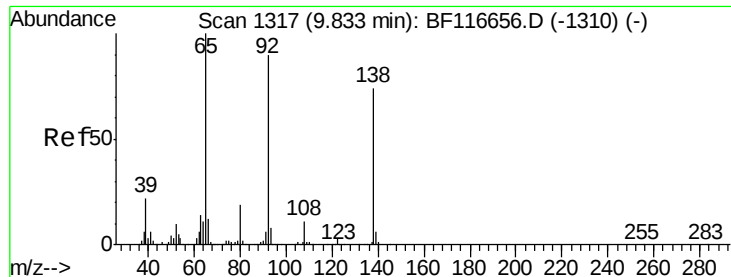


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

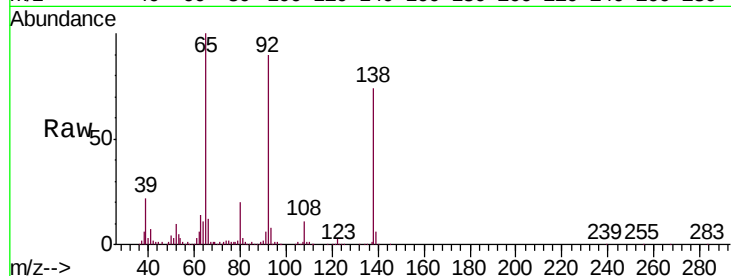




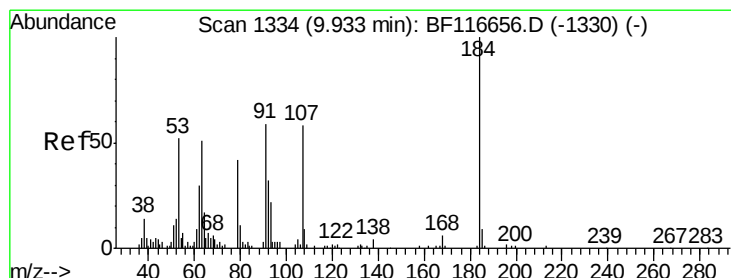
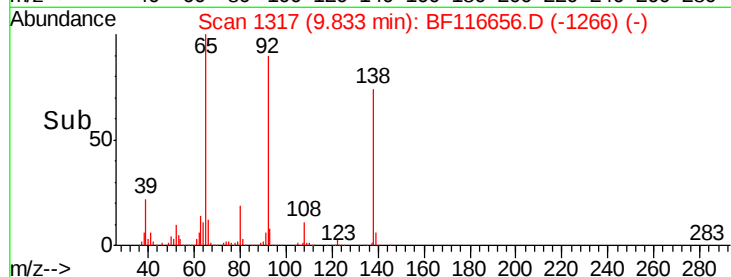
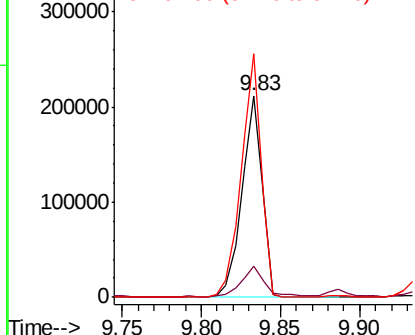
#53
 3-Nitroaniline
 Concen: 35.407 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 185946
 Ion Ratio Lower Upper
 138 100
 108 15.4 8.5 12.7#
 92 120.8 87.2 130.8

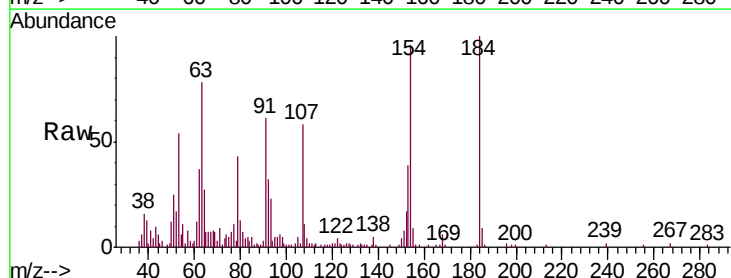


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

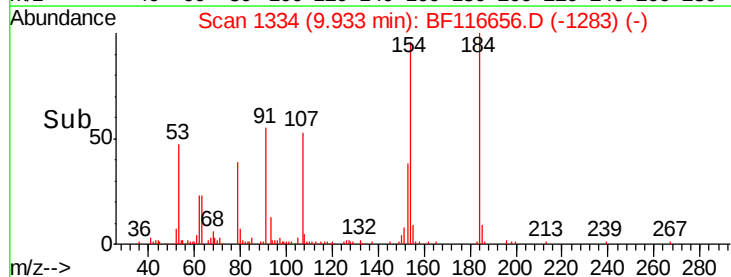
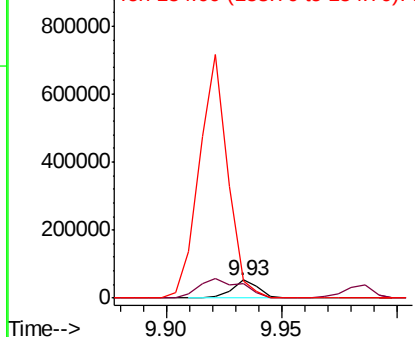


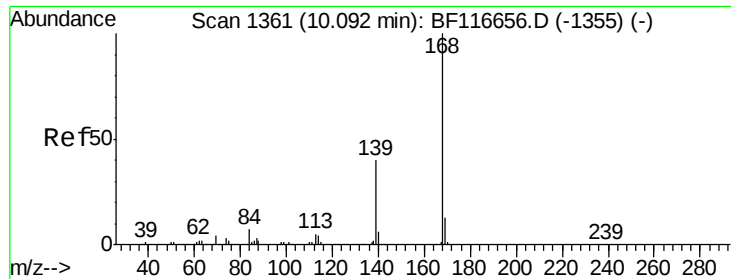
#54
 2,4-Dinitrophenol
 Concen: 20.418 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion:184 Resp: 41030
 Ion Ratio Lower Upper
 184 100
 63 78.1 52.2 78.2
 154 96.1 60.8 91.2#



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

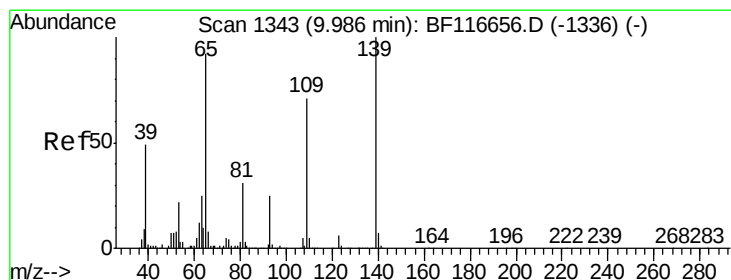
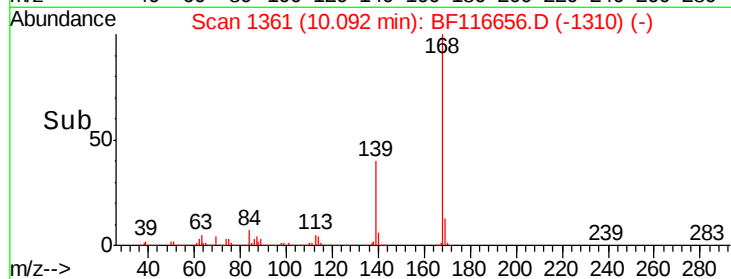
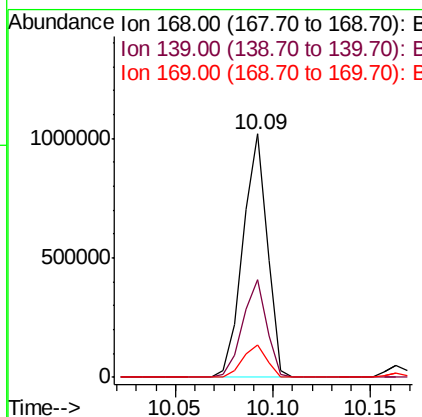
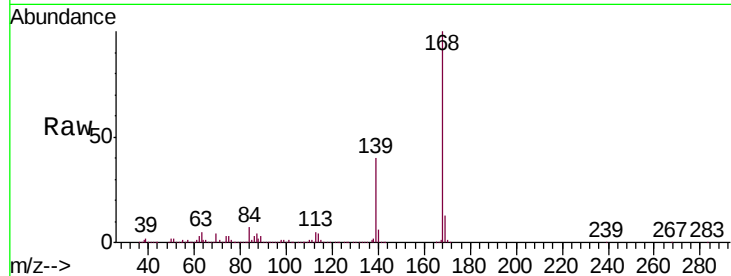




#55
Dibenzofuran
Concen: 34.210 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

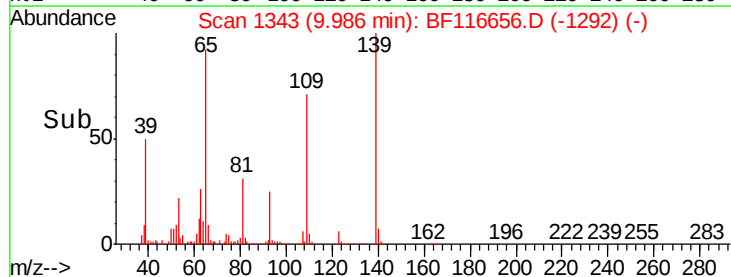
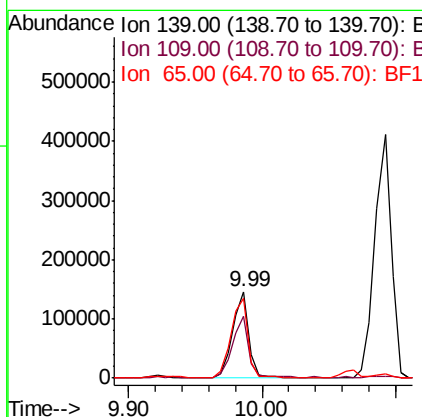
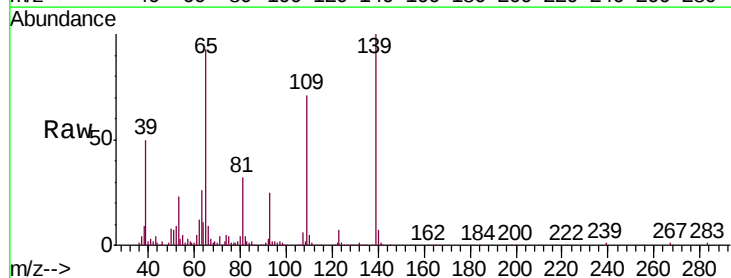
Instrument :
BNA_F
ClientSampleId :

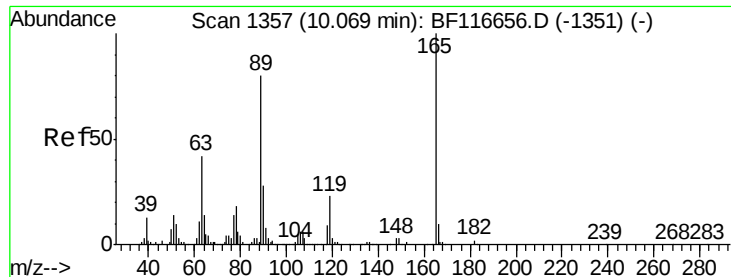
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.5	47.3
169	13.5	10.3	15.5



#56
4-Nitrophenol
Concen: 35.135 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.4	61.7	101.7
65	92.8	89.1	129.1

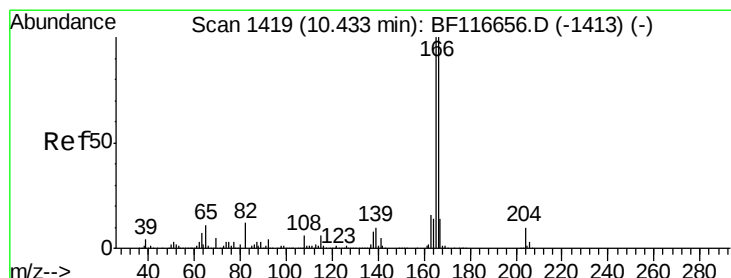
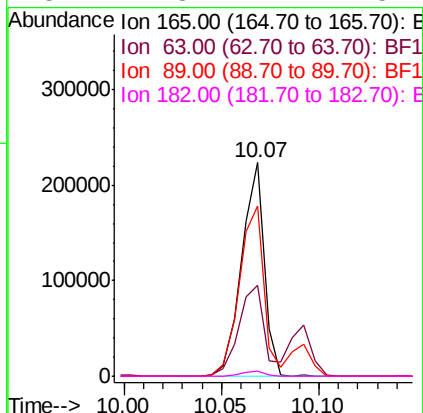
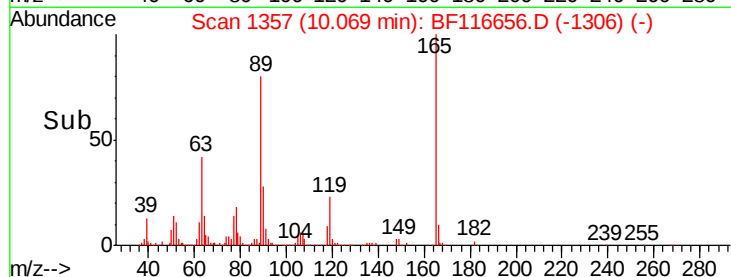
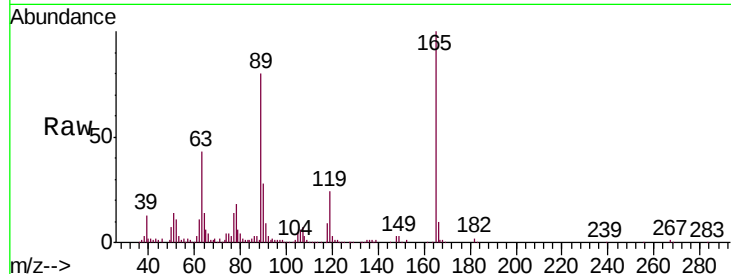




#57
2,4-Dinitrotoluene
Concen: 30.336 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

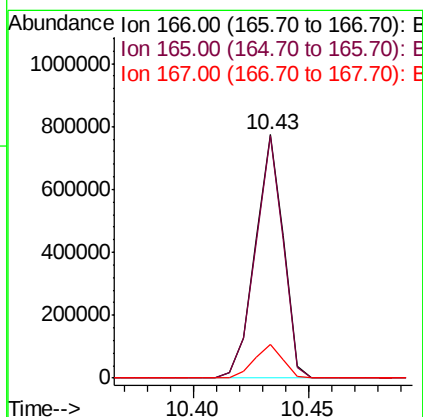
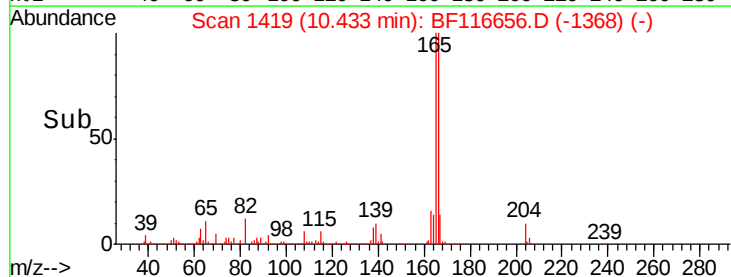
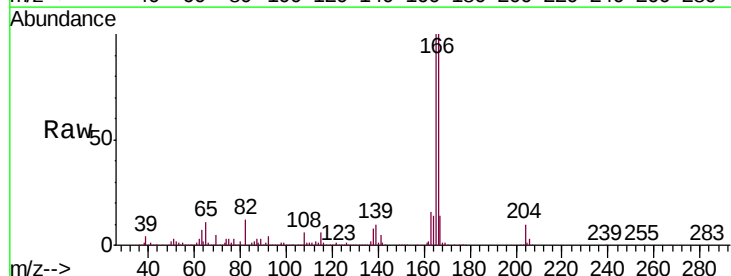
Instrument :
BNA_F
ClientSampleId :

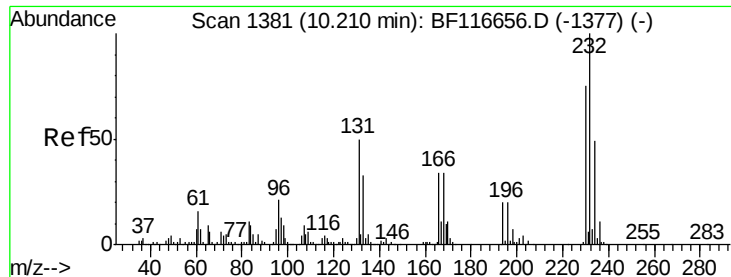
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	36.4	54.6
89	80.0	62.6	94.0
182	2.3	2.1	3.1



#58
Fluorene
Concen: 31.535 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.8	118.2
167	13.6	10.0	15.0

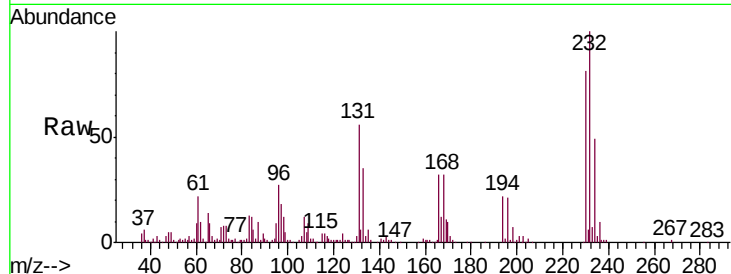




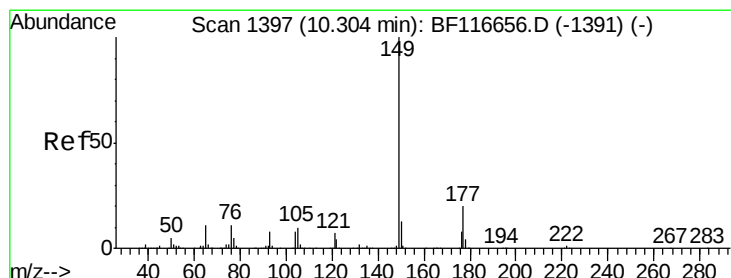
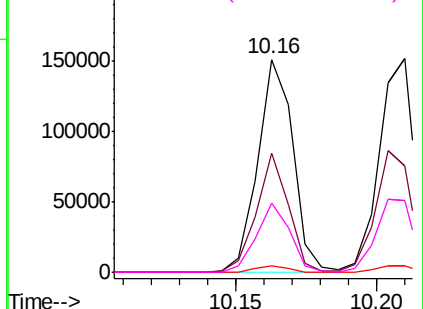
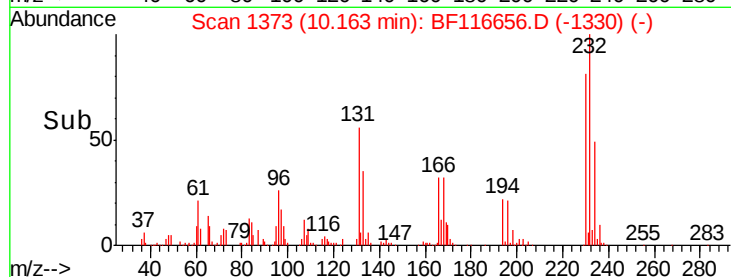
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 26.446 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.05 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.3	42.7	64.1
130	2.6	1.9	2.9
166	30.9	27.4	41.2

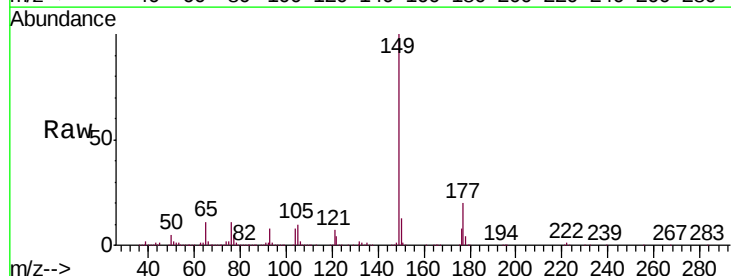


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

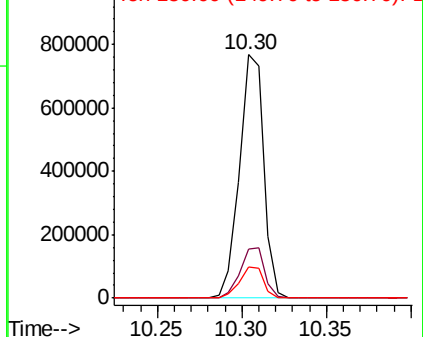
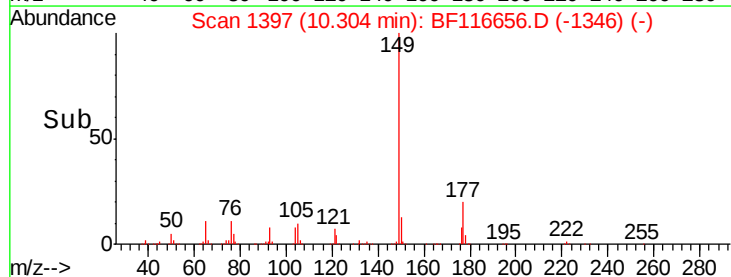


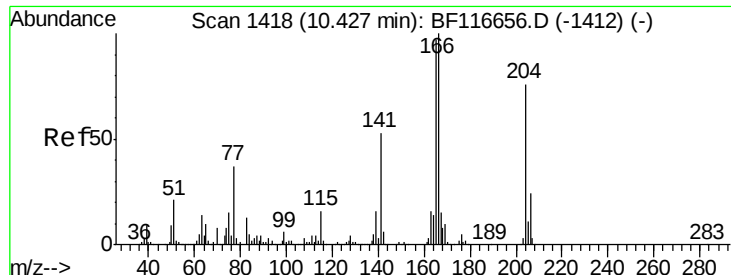
#60
 Diethylphthalate
 Concen: 34.706 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.2	25.8
150	12.7	9.7	14.5



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

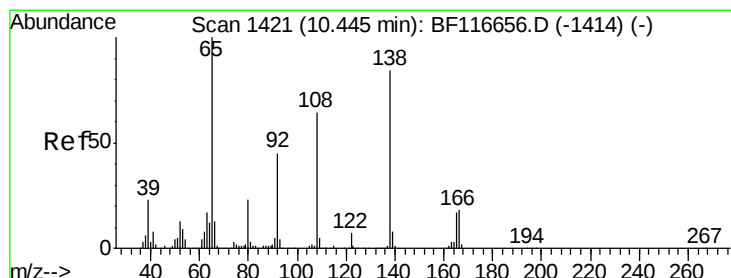
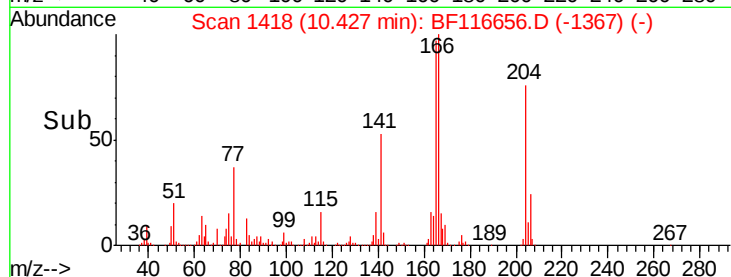
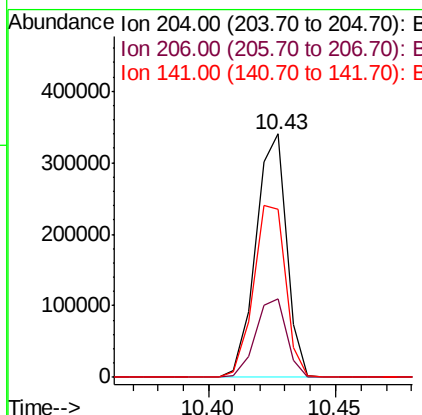
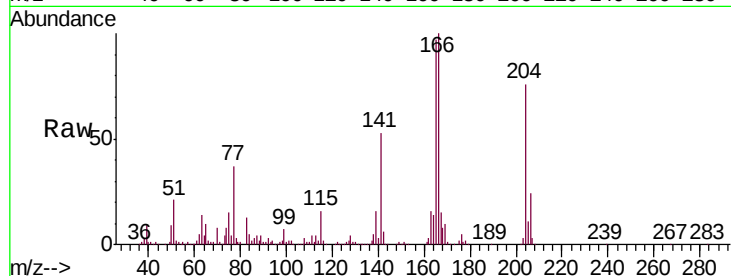




#61
4-Chlorophenyl-phenylether
Concen: 28.164 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

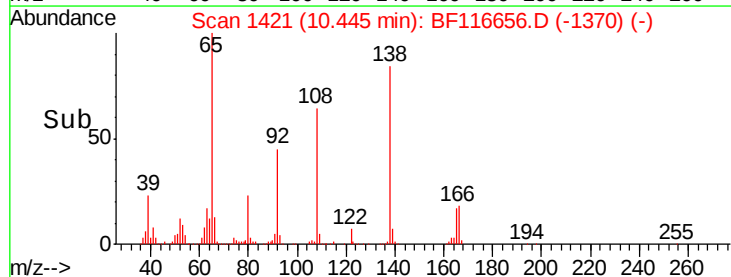
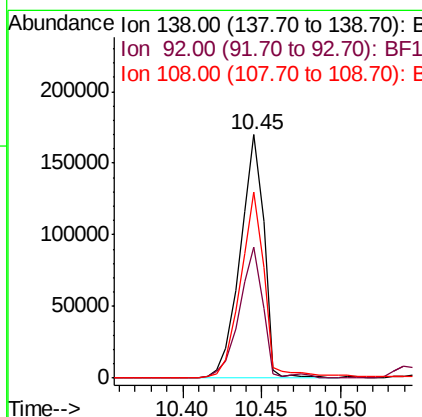
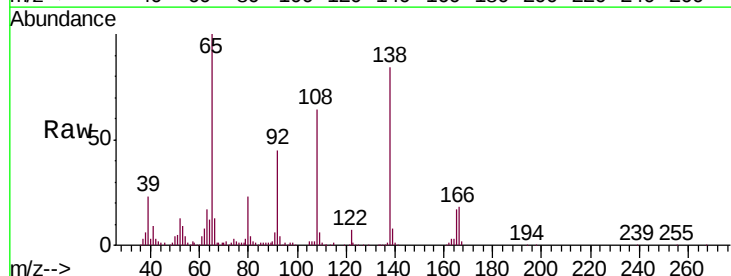
Instrument :
BNA_F
ClientSampleId :

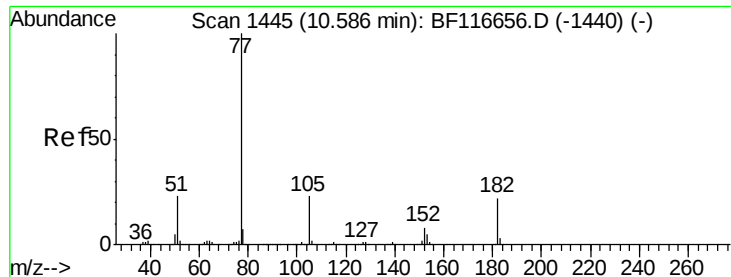
Tot Ion:204 Resp: 288820
Ion Ratio Lower Upper
204 100
206 32.0 25.4 38.2
141 69.2 53.8 80.8



#62
4-Nitroaniline
Concen: 30.843 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion:138 Resp: 176069
Ion Ratio Lower Upper
138 100
92 53.9 28.7 68.7
108 76.3 60.4 100.4

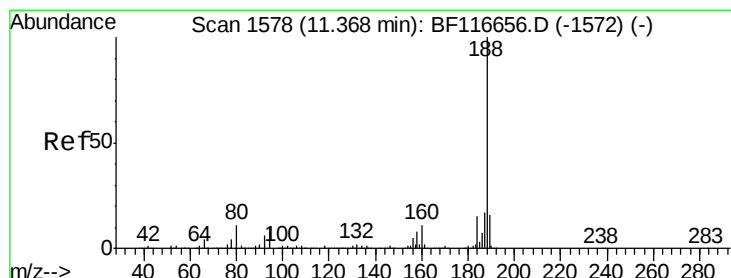
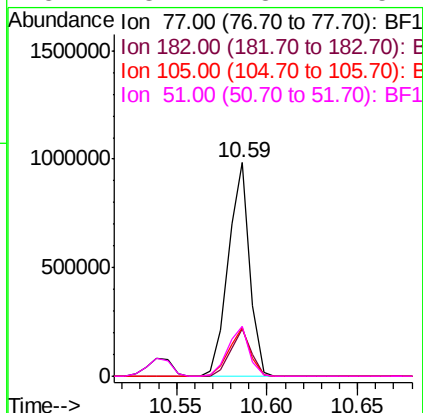
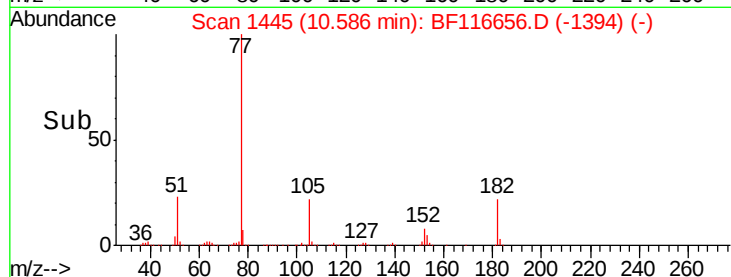
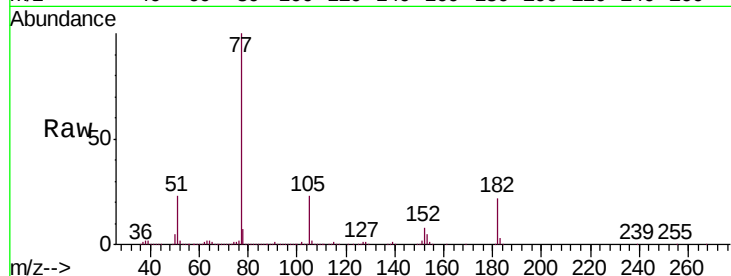




#63
Azobenzene
Concen: 36.241 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

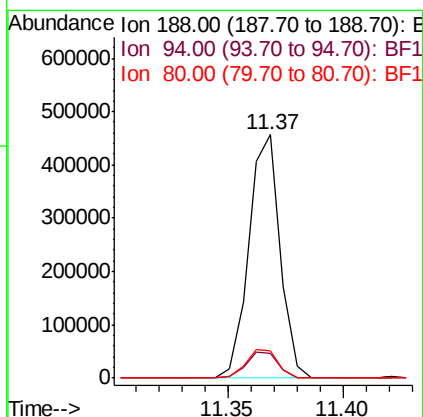
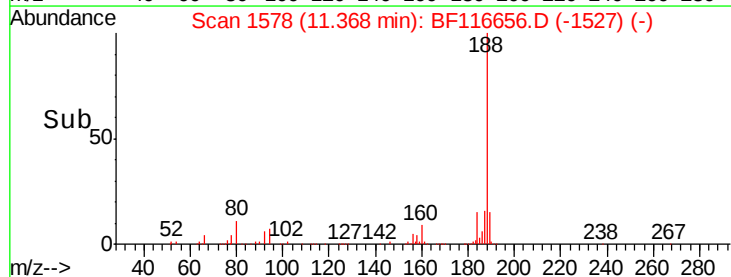
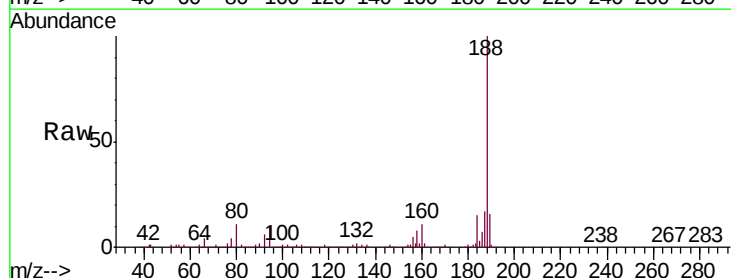
Instrument :
BNA_F
ClientSampleId :

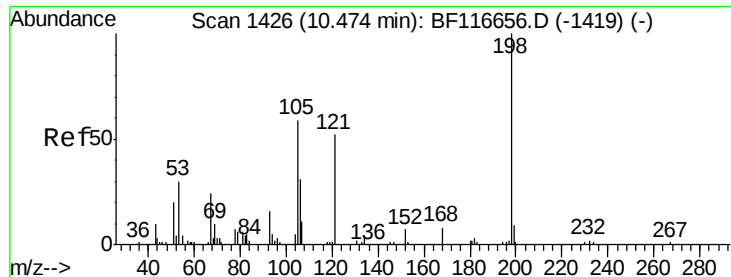
Tot Ion:	77	Resp:	798680
Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.2	41.2
105	22.5	0.6	40.6
51	23.4	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion:	188	Resp:	429312
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.3	10.9
80	11.3	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 24.483 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampled :

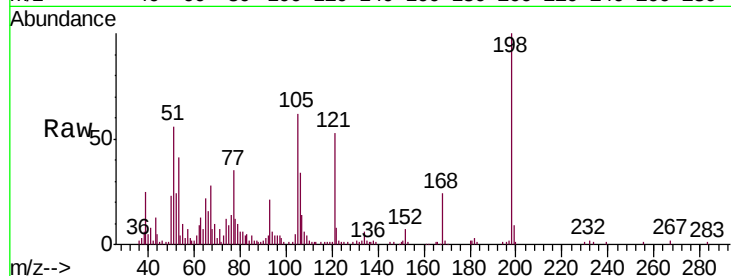
Tot Ion:198 Resp: 56735

Ion Ratio Lower Upper

198 100

51 55.9 18.4 58.4

105 61.7 22.9 62.9



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

150000

100000

50000

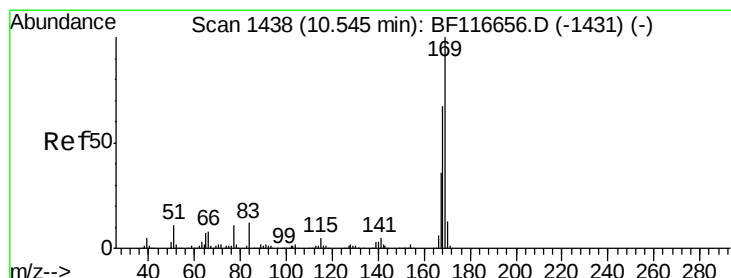
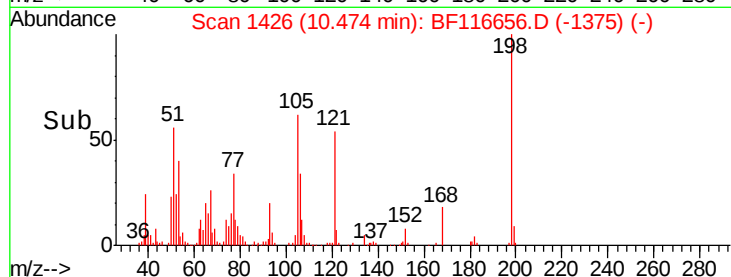
0

10.47

10.45

10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.205 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

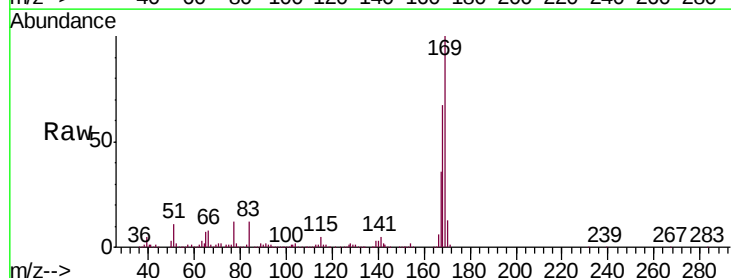
Tgt Ion:169 Resp: 602290

Ion Ratio Lower Upper

169 100

168 66.6 55.8 83.6

167 36.4 29.4 44.2



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

800000

600000

400000

200000

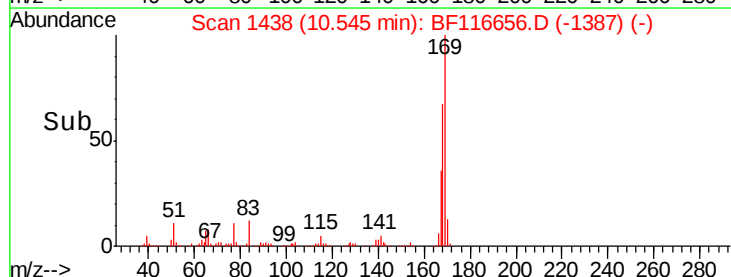
0

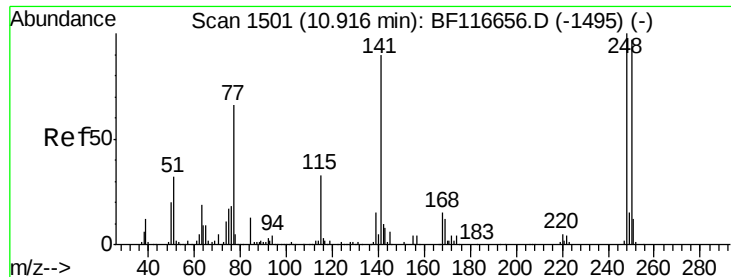
10.55

10.50

10.60

Time-->

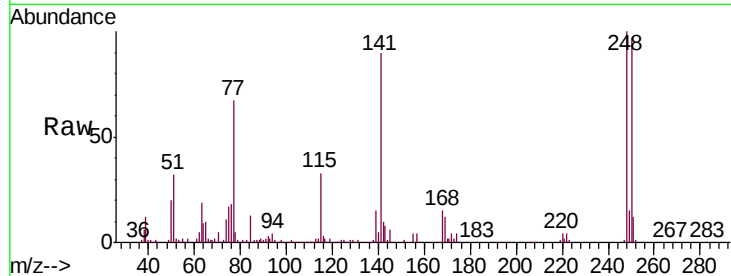




#67
4-Bromophenyl-phenylether
Concen: 36.363 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.8
141	89.7	75.9	113.9

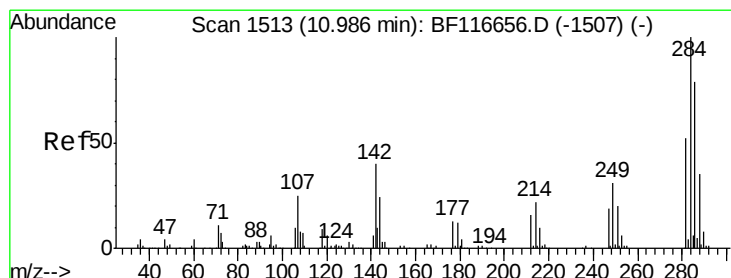
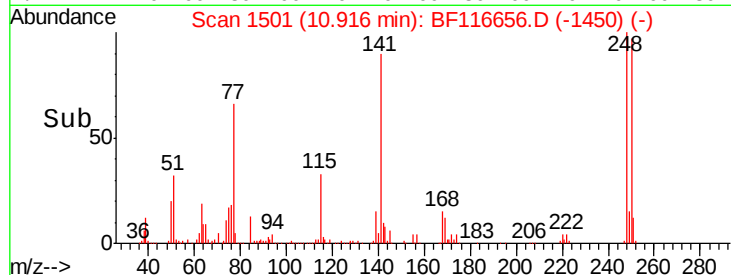
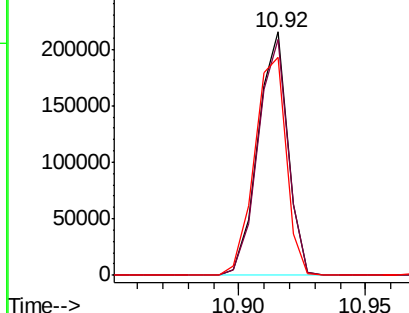


Abundance

Ion 248.00 (247.70 to 248.70): E

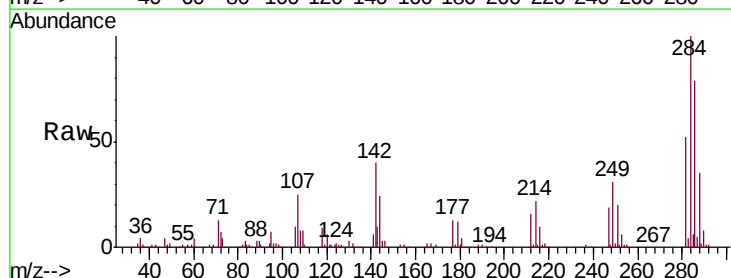
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.232 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.0	34.0	51.0
249	31.0	26.4	39.6

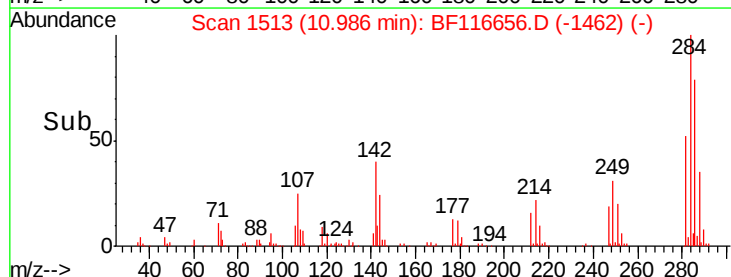
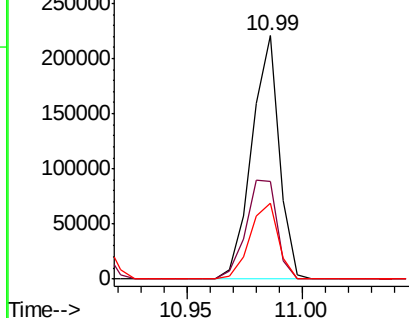


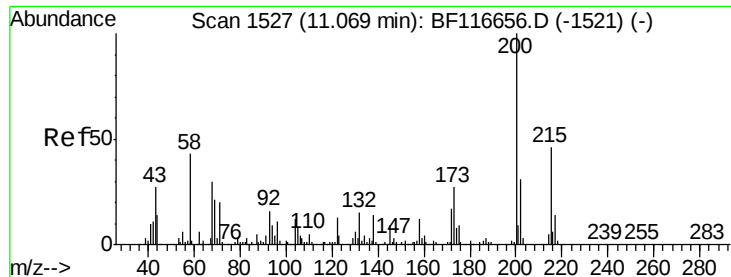
Abundance

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: 38.373 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

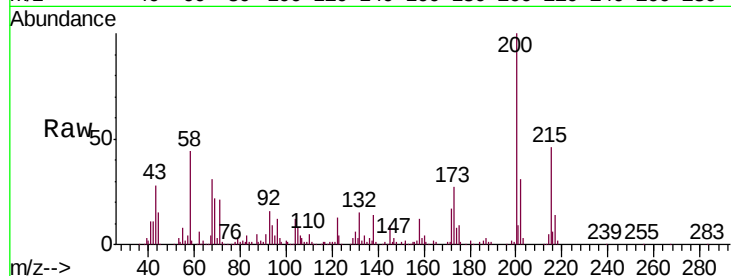
Tot Ion:200 Resp: 166606

Ion Ratio Lower Upper

200 100

173 26.8 6.2 46.2

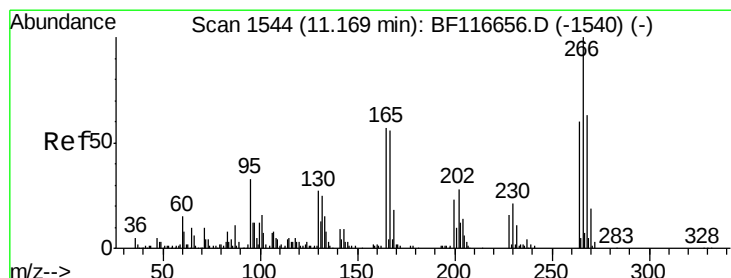
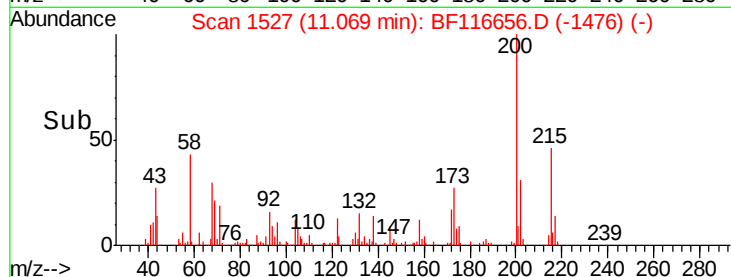
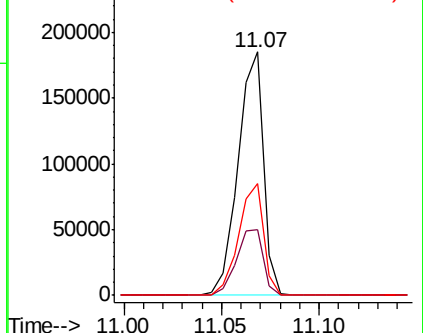
215 45.9 24.3 64.3



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: 28.442 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

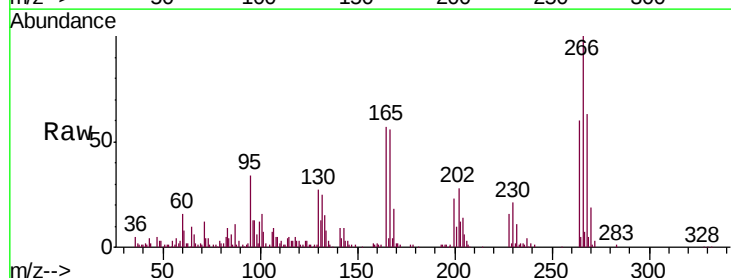
Tgt Ion:266 Resp: 89549

Ion Ratio Lower Upper

266 100

268 62.6 51.2 76.8

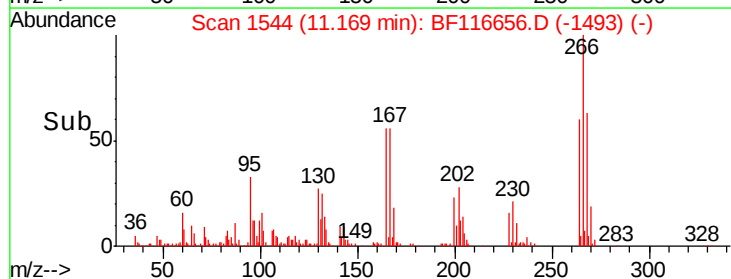
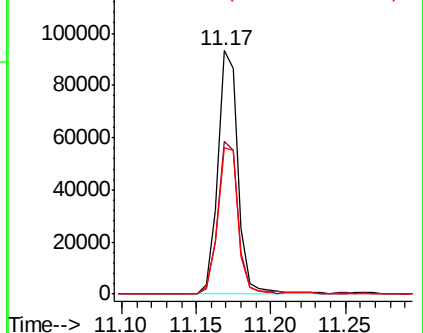
264 60.1 51.9 77.9

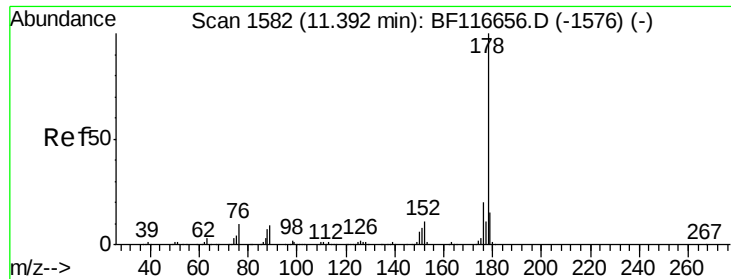


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

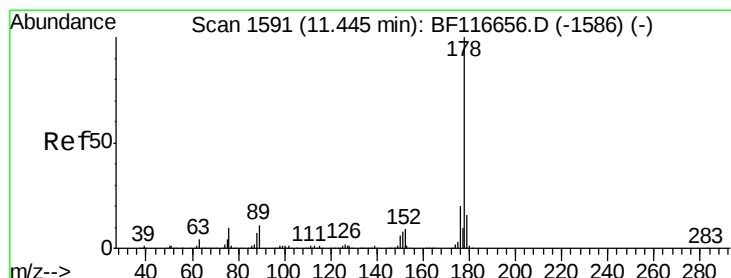
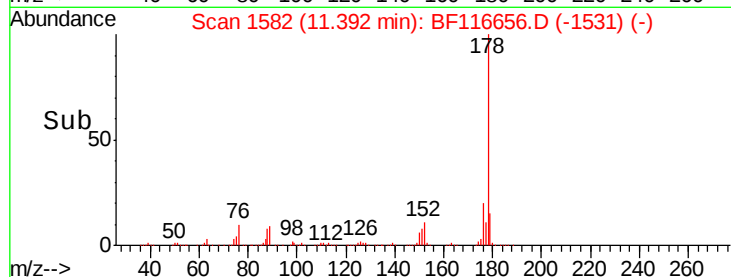
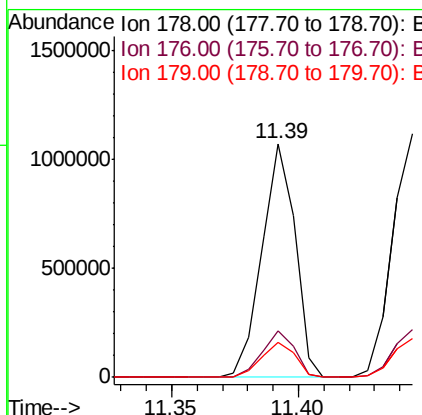
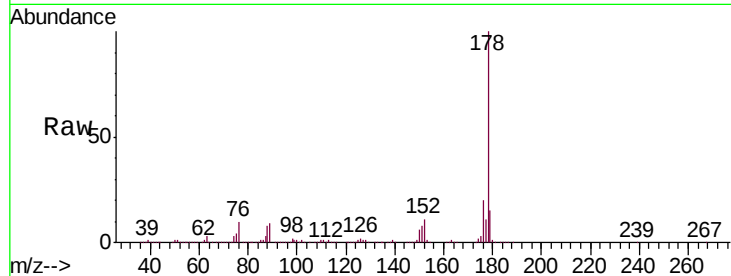




#71
Phenanthrene
Concen: 40.270 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

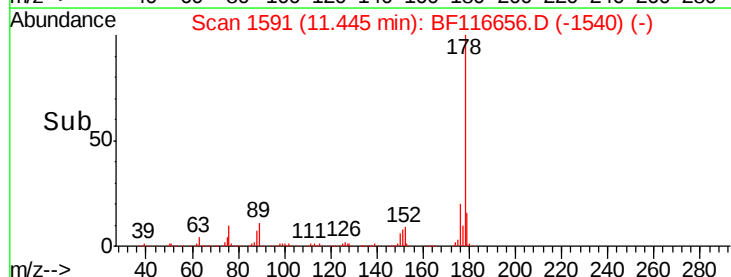
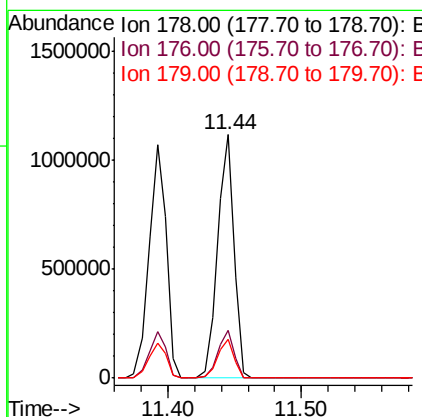
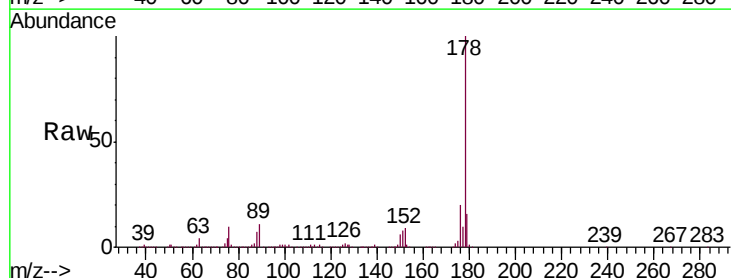
Instrument :
BNA_F
ClientSampleId :

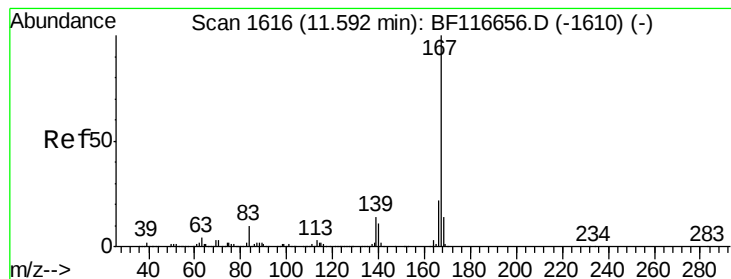
Tot Ion:178 Resp: 971359
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.2 12.2 18.2



#72
Anthracene
Concen: 39.358 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion:178 Resp: 969455
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.1 12.5 18.7





#73

Carbazole

Concen: 42.113 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

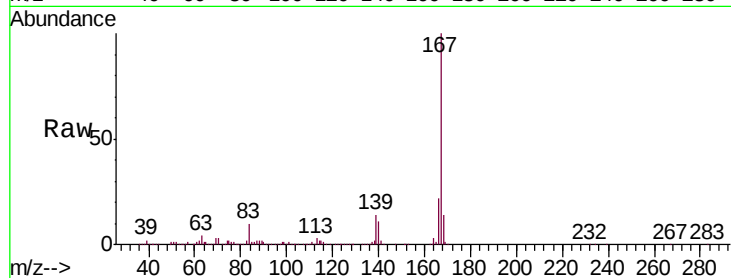
Tot Ion:167 Resp: 918489

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

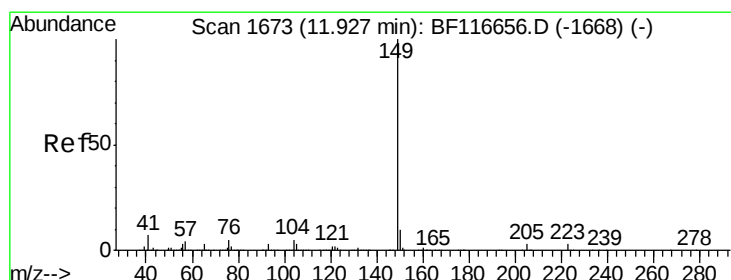
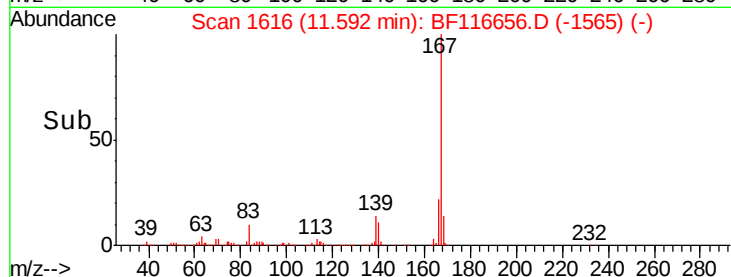
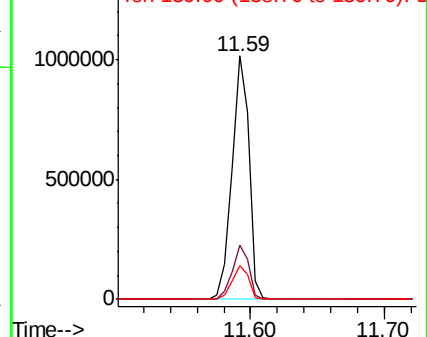
139 14.1 11.1 16.7



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: 41.380 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

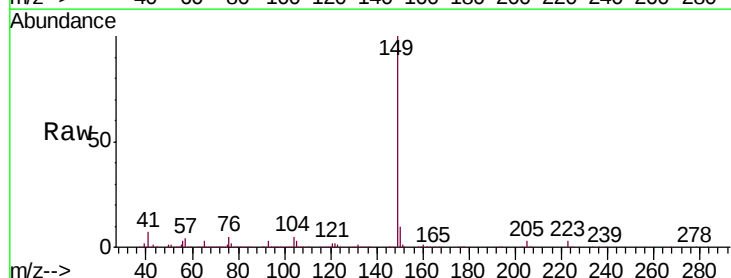
Tgt Ion:149 Resp: 1186091

Ion Ratio Lower Upper

149 100

150 9.9 7.2 10.8

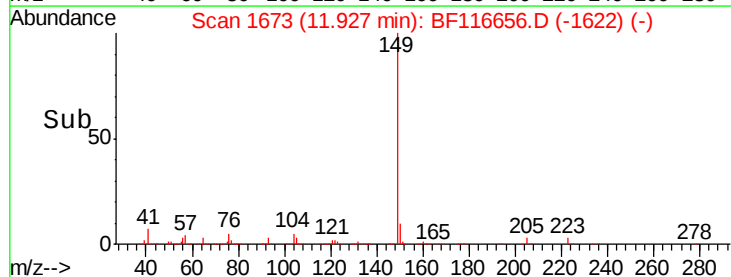
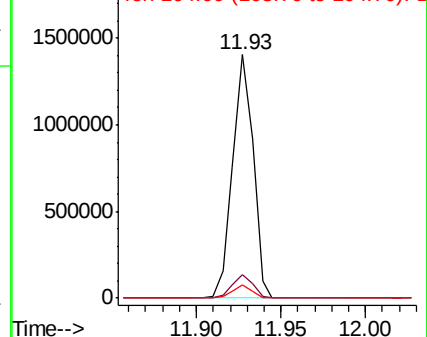
104 5.2 4.2 6.2

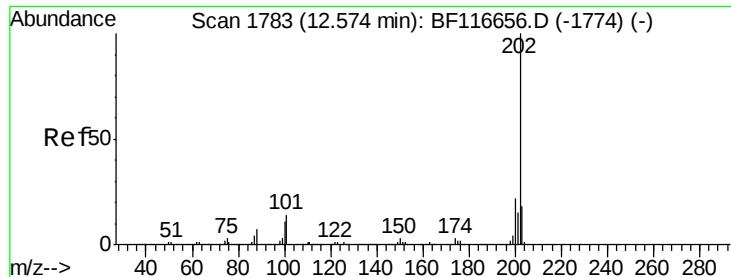


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.212 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

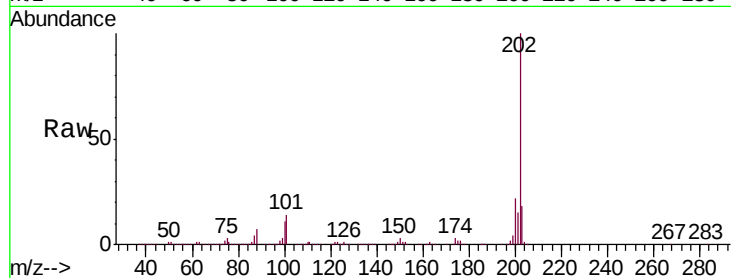
Tot Ion:202 Resp: 940273

Ion Ratio Lower Upper

202 100

101 14.3 0.0 31.3

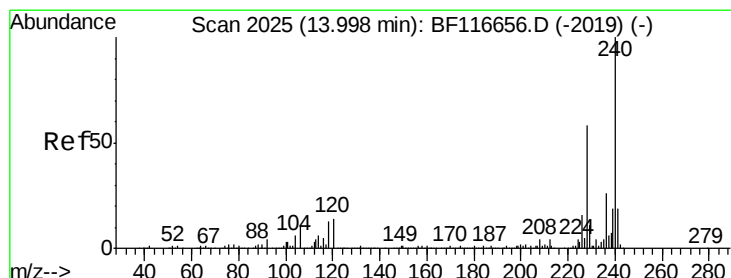
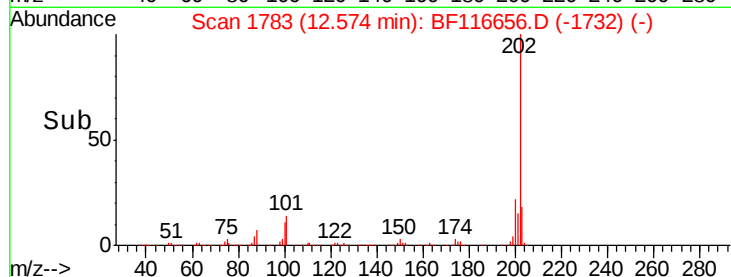
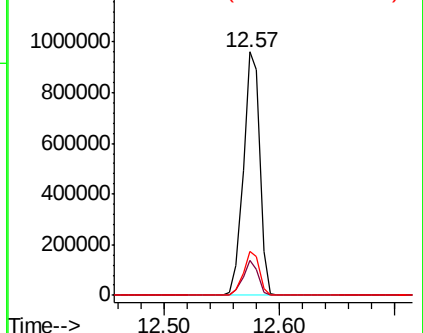
203 18.0 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

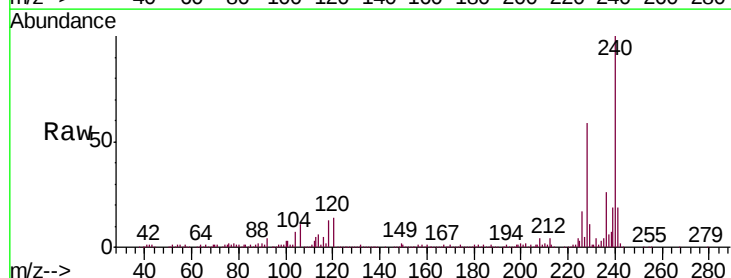
Tgt Ion:240 Resp: 250753

Ion Ratio Lower Upper

240 100

120 14.3 9.1 13.7#

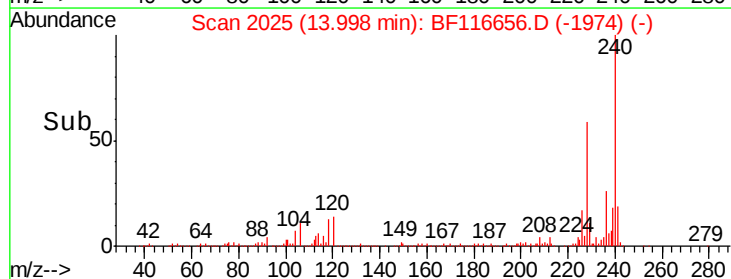
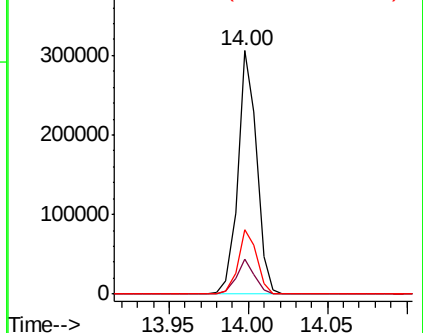
236 26.5 21.1 31.7

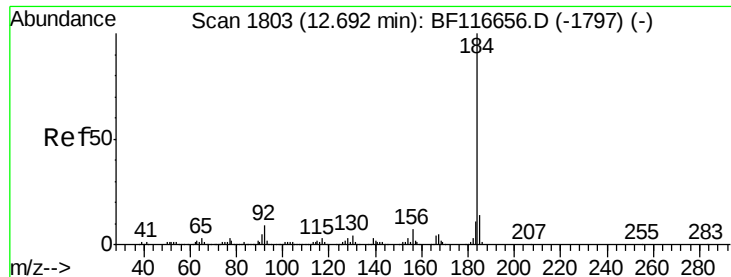


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.026 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampled :

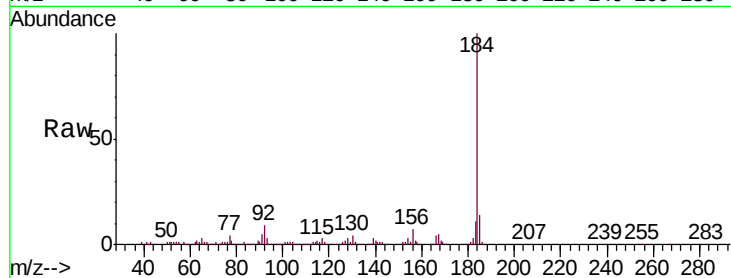
Tot Ion:184 Resp: 384168

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

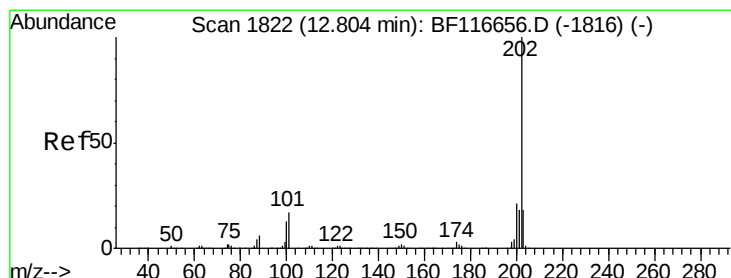
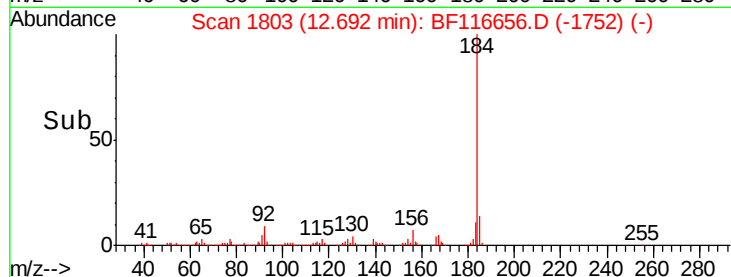
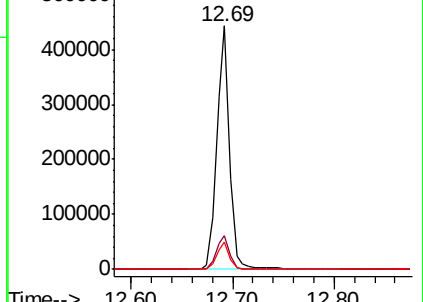
183 11.2 9.2 13.8



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: 38.809 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

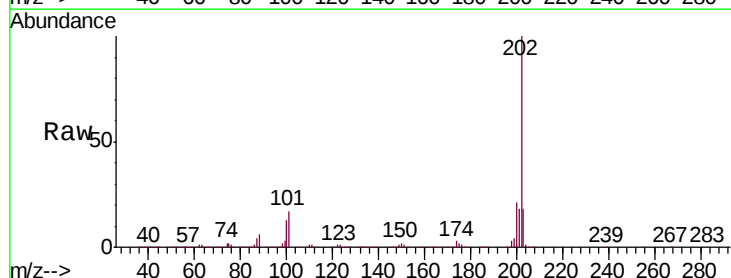
Tgt Ion:202 Resp: 947673

Ion Ratio Lower Upper

202 100

200 21.4 16.5 24.7

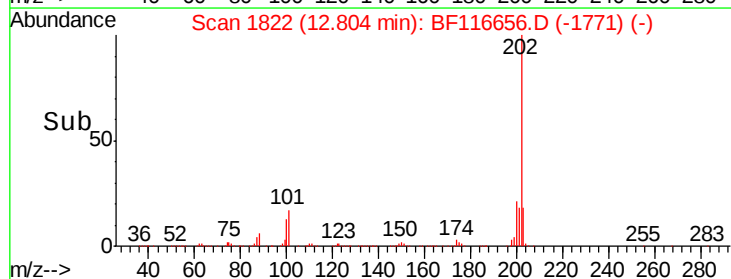
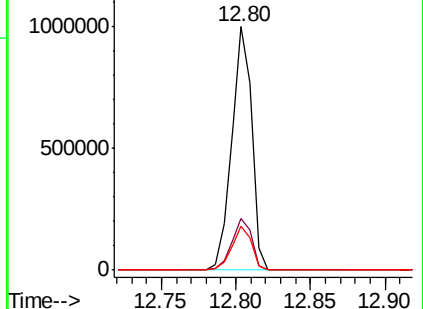
203 17.8 13.7 20.5

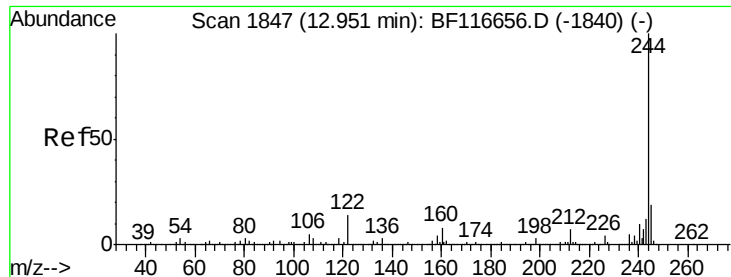


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

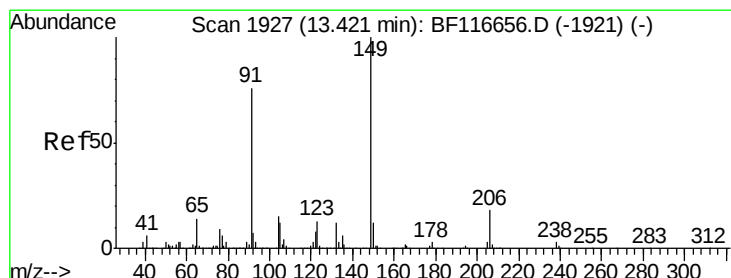
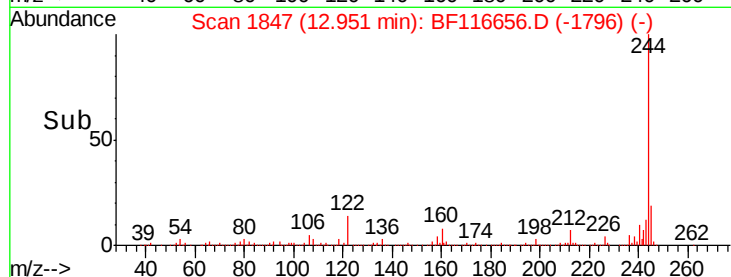
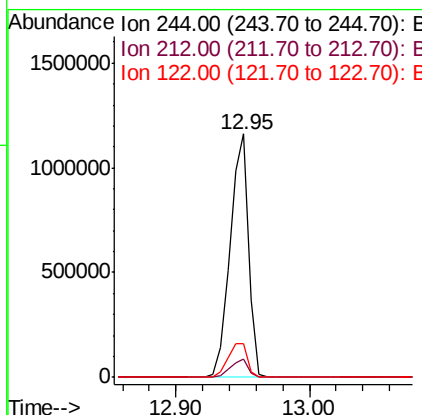
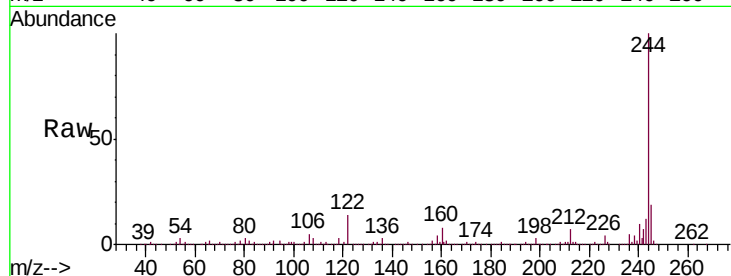




#79
 Terphenyl-d14
 Concen: 73.037 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

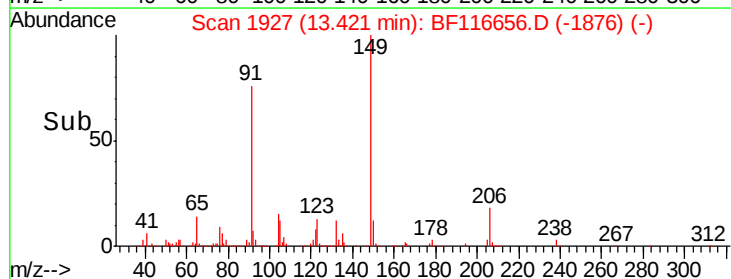
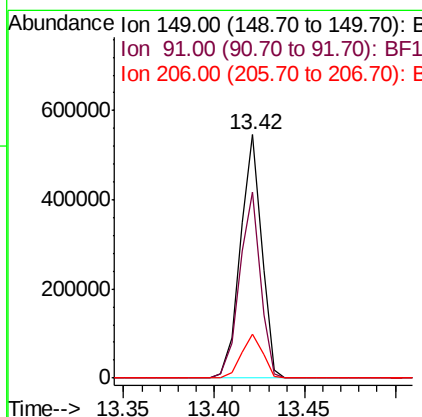
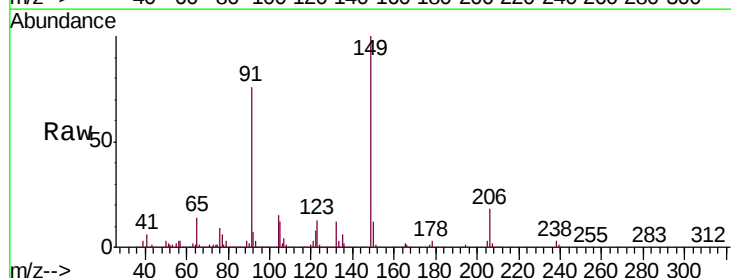
Instrument :
 BNA_F
 ClientSampleId :

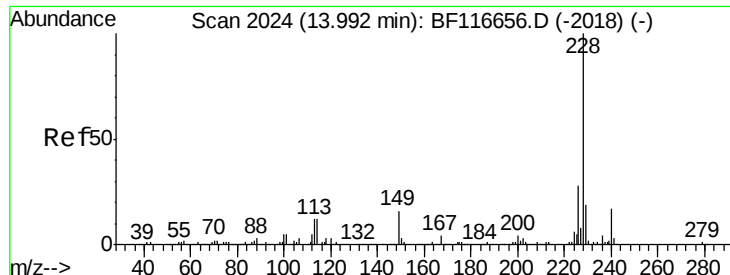
Tot Ion:244 Resp: 1130618
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.6 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 44.946 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion:149 Resp: 443418
 Ion Ratio Lower Upper
 149 100
 91 76.4 61.0 91.4
 206 18.3 14.8 22.2





#81

Benzo(a)anthracene

Concen: 37.655 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

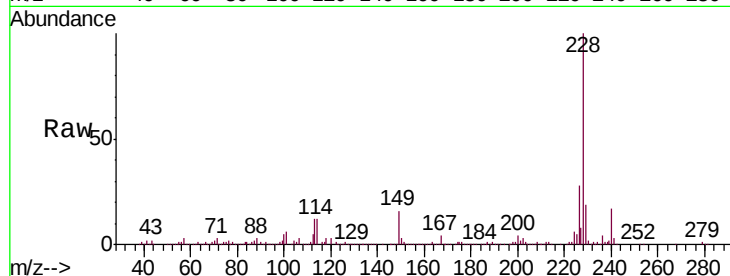
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 639588

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.1	16.4	24.6

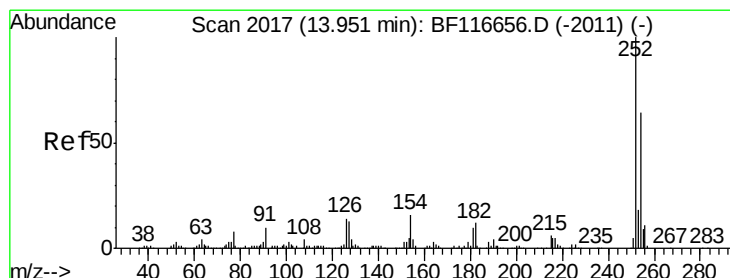
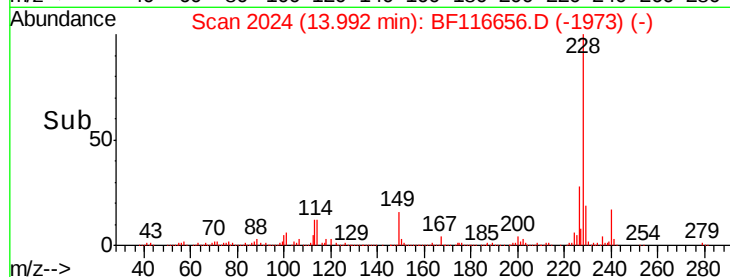
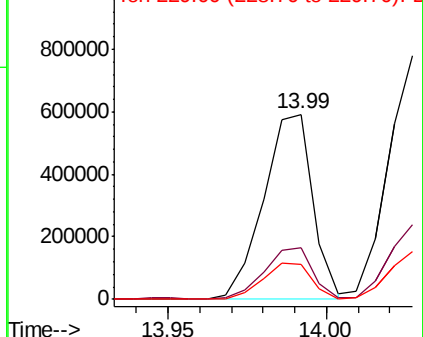


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.887 ng

RT: 13.95 min Scan# 2017

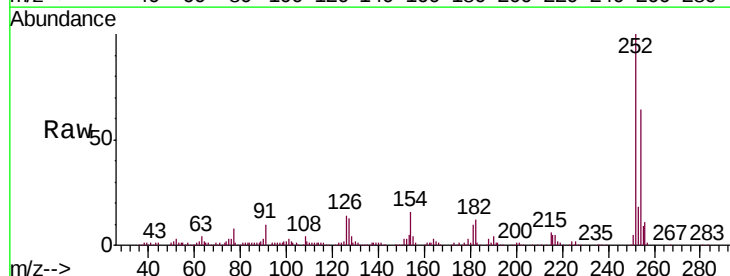
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:252 Resp: 222934

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.1	75.1
126	13.9	10.6	16.0

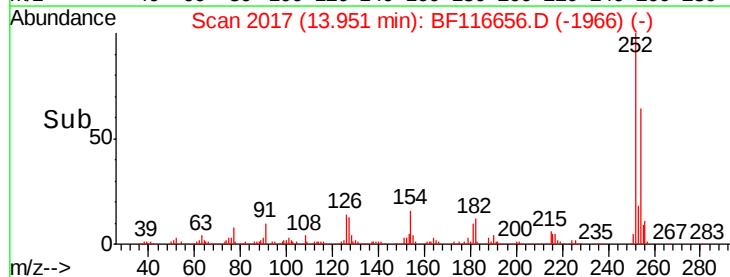
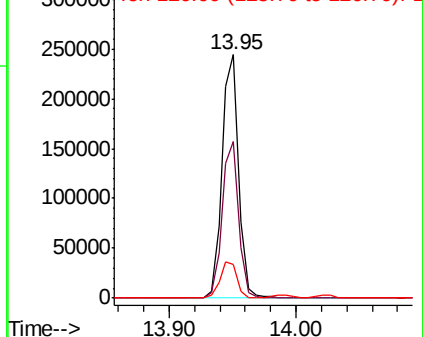


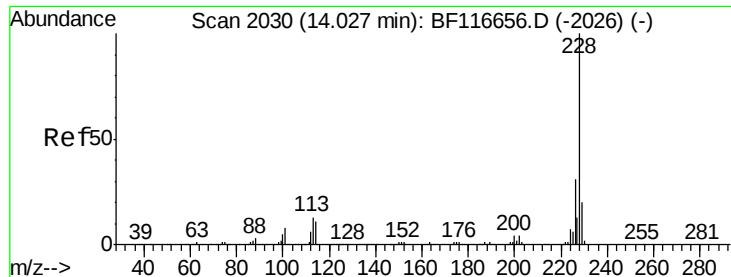
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

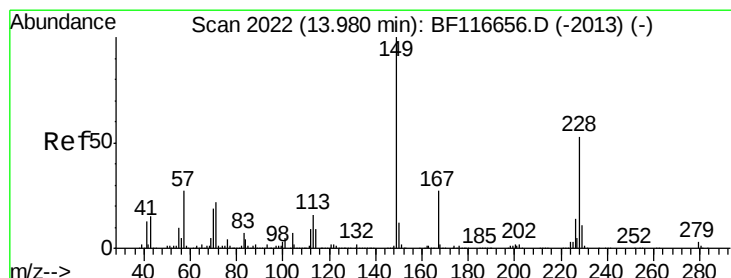
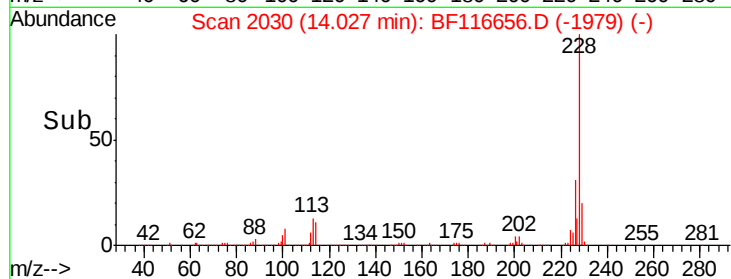
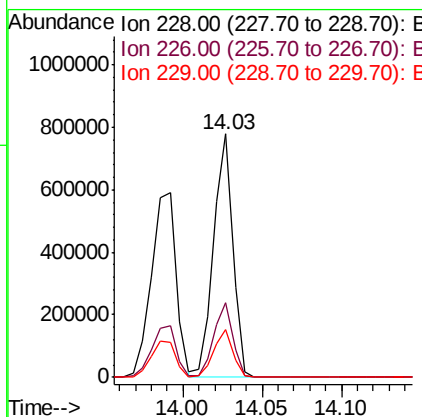
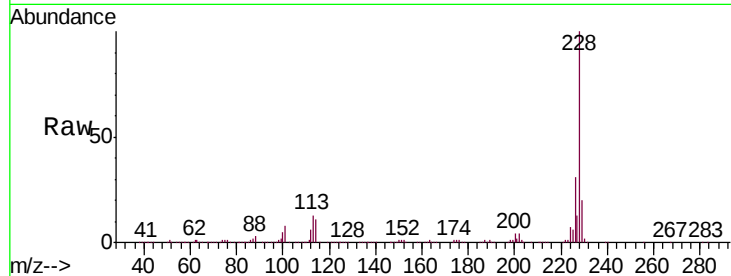




#83
 Chrvsene
 Concen: 39.839 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

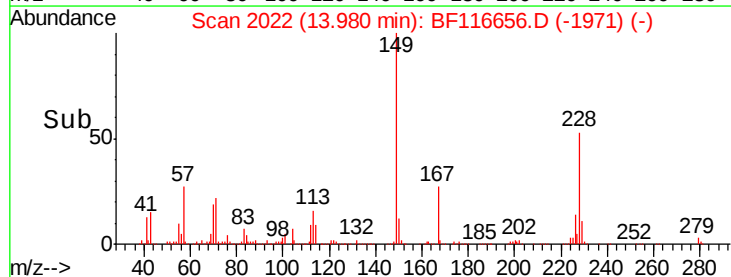
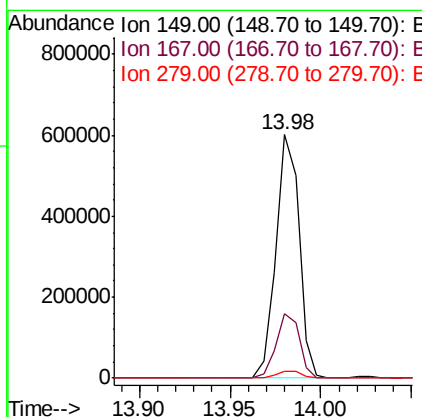
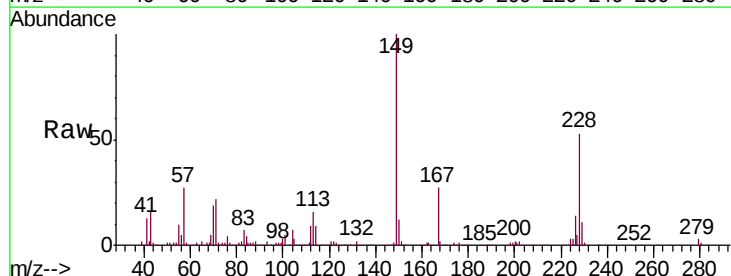
Instrument :
 BNA_F
 ClientSampleId :

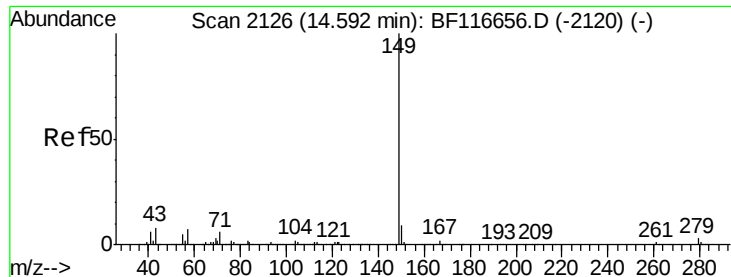
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.6	15.4	23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.275 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	2.9	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 44.933 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

ClientSampleId :

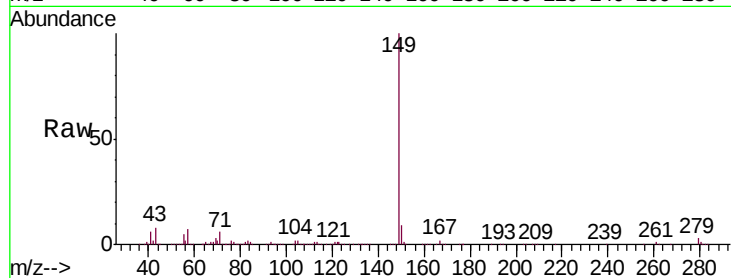
Tot Ion:149 Resp: 856424

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

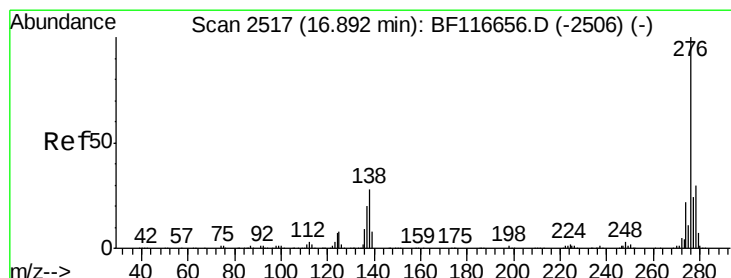
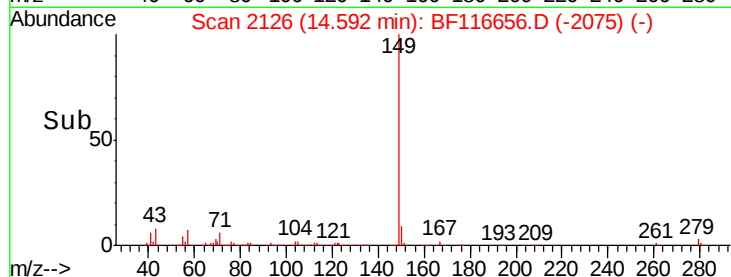
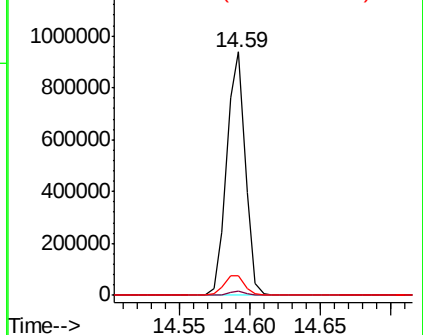
43 8.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.640 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

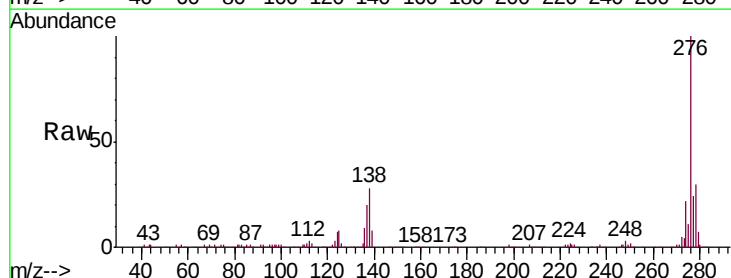
Tgt Ion:276 Resp: 525521

Ion Ratio Lower Upper

276 100

138 31.6 19.4 29.2#

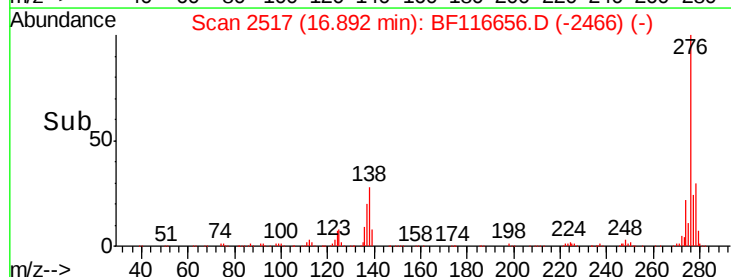
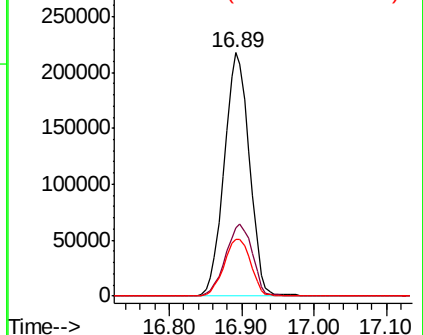
277 24.8 20.5 30.7

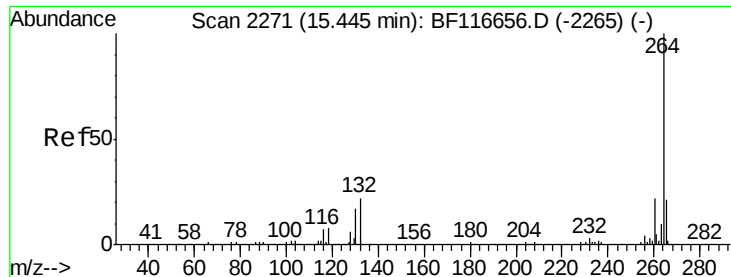


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

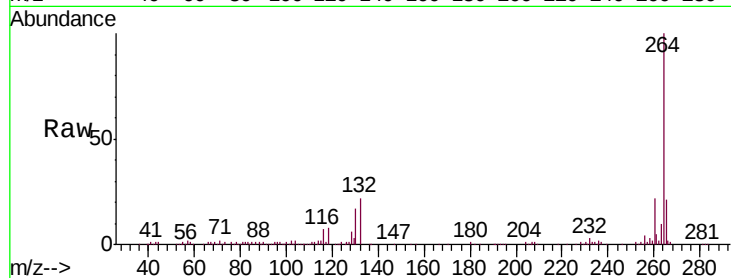




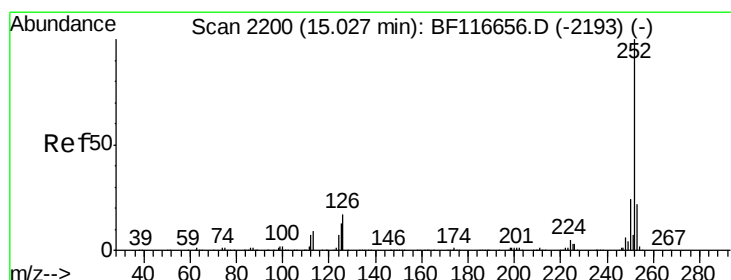
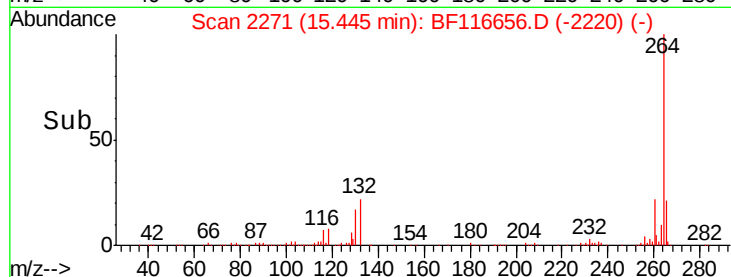
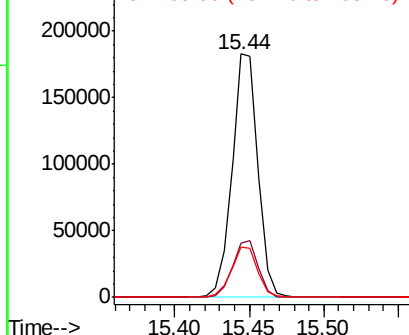
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	20.6	16.5	24.7

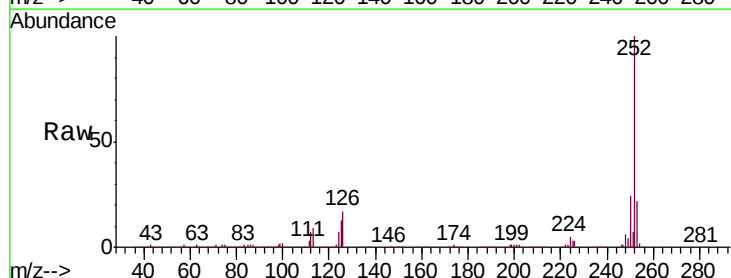


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

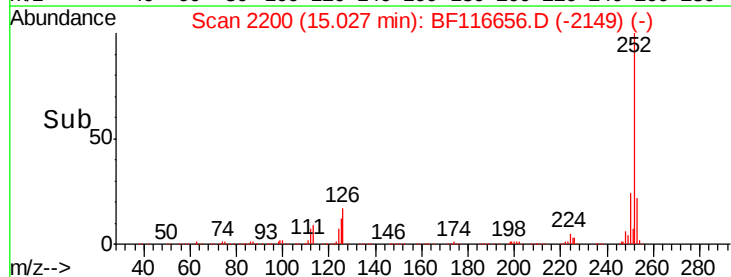
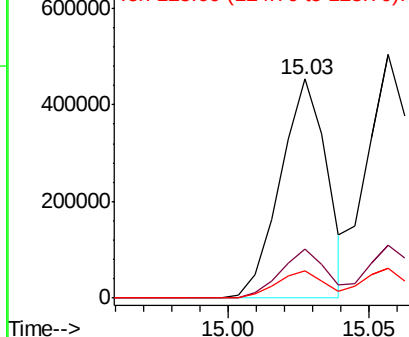


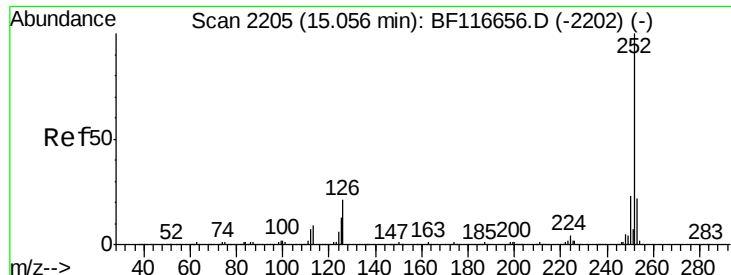
#88
Benzo(b)fluoranthene
Concen: 36.991 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.5	8.2	12.2#



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

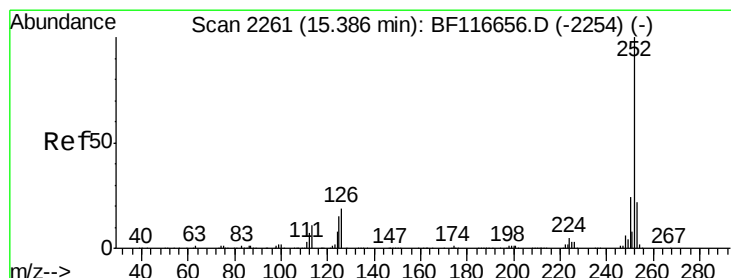
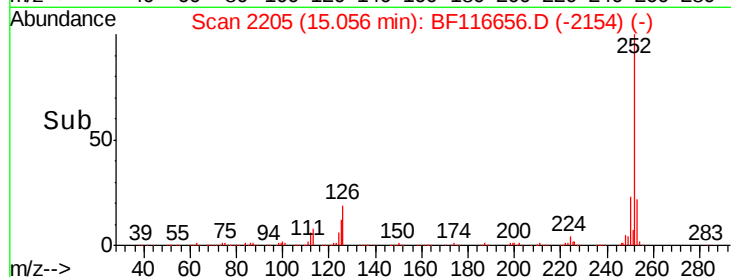
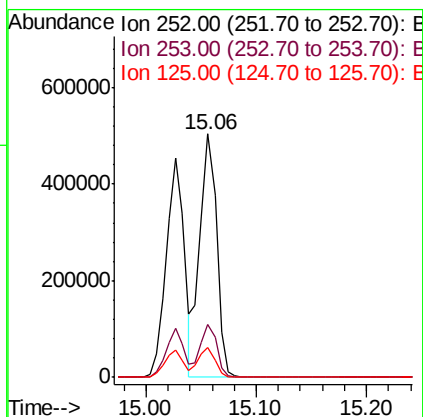
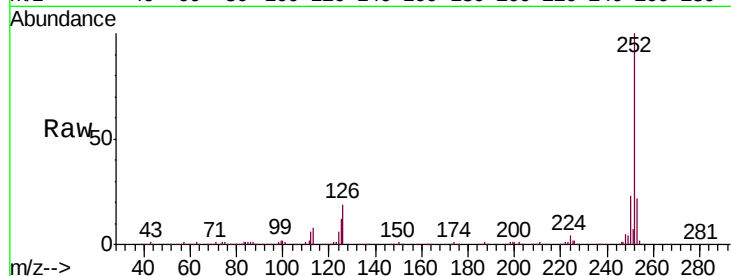




#89
Benzo(k)fluoranthene
Concen: 38.839 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

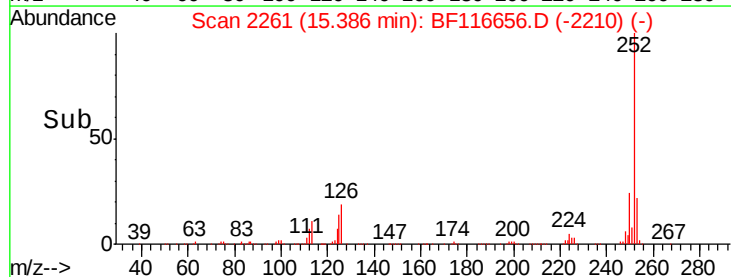
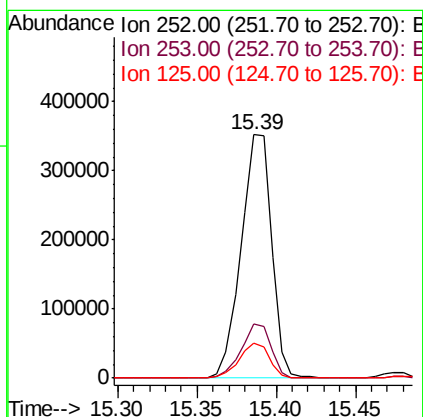
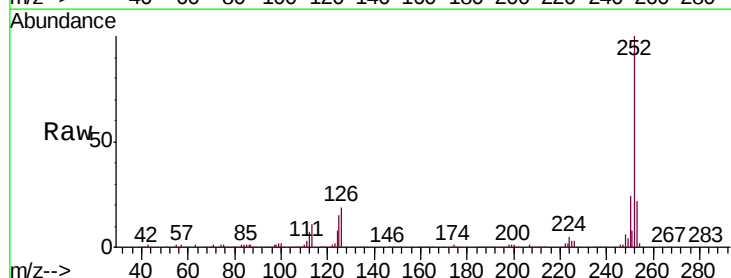
Instrument :
BNA_F
ClientSampleId :

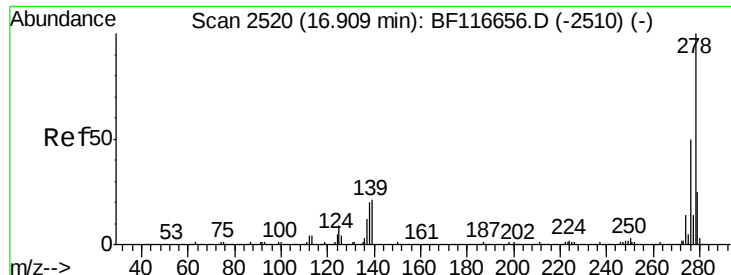
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	12.4	8.6	13.0



#90
Benzo(a)pyrene
Concen: 38.418 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.6	9.8	14.8

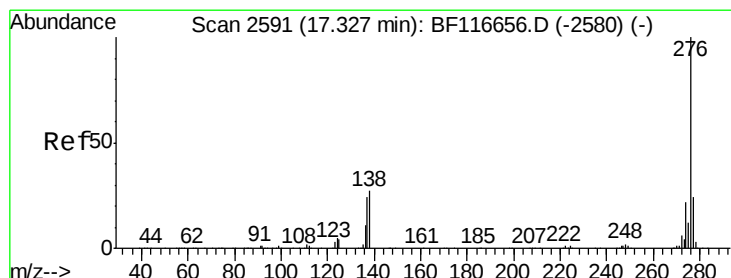
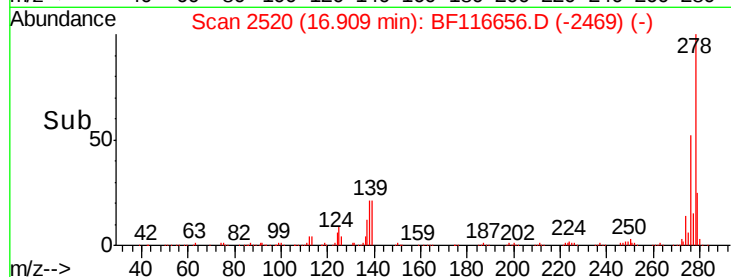
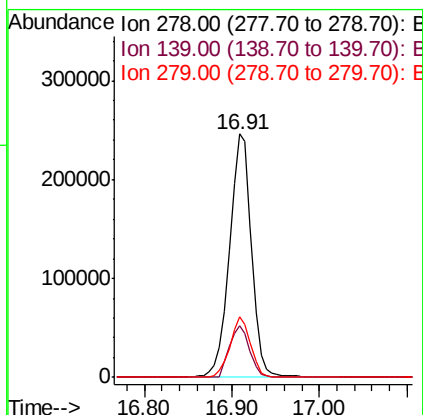
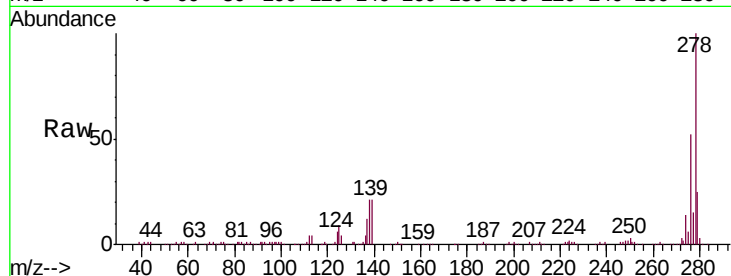




#91
Dibenzo(a,h)anthracene
Concen: 32.736 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.3	12.4	18.6#
279	24.7	18.2	27.4



#92
Benzo(g,h,i)perylene
Concen: 34.979 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	27.3	16.2	24.2#

