

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114695.D
 Acq On : 31 May 2019 9:21
 Operator : HP/JU
 Sample : PB119779BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 12:13:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	441885	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1802349	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	909508	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1697997	20.00	ng	0.00
76) Chrysene-d12	13.83	240	869131	20.00	ng	0.00
87) Perylene-d12	15.22	264	870024	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	2617493	104.00	ng	0.02
7) Phenol-d6	6.35	99	3213814	105.97	ng	0.00
23) Nitrobenzene-d5	7.26	82	2320283	80.32	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	962502	111.06	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4092426	84.41	ng	0.00
79) Terphenyl-d14	12.79	244	3998376	86.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	389621	32.259	ng	99
3) Pyridine	3.17	79	1096032	31.181	ng	99
4) n-Nitrosodimethylamine	3.10	42	439438	30.893	ng	97
6) Aniline	6.36	93	1064112	23.228	ng	98
8) 2-Chlorophenol	6.49	128	1068583	36.764	ng	100
9) Benzaldehyde	6.24	77	597430	33.420	ng	98
10) Phenol	6.36	94	1218731	33.264	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	971344	34.661	ng	99
12) 1,3-Dichlorobenzene	6.64	146	1125030	33.973	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1139423	34.298	ng	98
14) 1,2-Dichlorobenzene	6.87	146	1052201	34.789	ng	98
15) Benzyl Alcohol	6.85	79	875904	36.715	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1390477	32.349	ng	99
17) 2-Methylphenol	6.96	107	910831	37.050	ng	99
18) Hexachloroethane	7.22	117	425295	33.812	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	710941	33.960	ng	98
20) 3+4-Methylphenols	7.12	107	1033037	35.728	ng	# 85
22) Acetophenone	7.11	105	1406465	36.624	ng	# 99
24) Nitrobenzene	7.28	77	1085145	35.361	ng	98
25) Isophorone	7.53	82	2043090	35.240	ng	99
26) 2-Nitrophenol	7.60	139	611325	40.925	ng	97
27) 2,4-Dimethylphenol	7.64	122	1027529	41.361	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	1307818	35.436	ng	99
29) 2,4-Dichlorophenol	7.84	162	970272	38.371	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	1039093	36.068	ng	99
31) Naphthalene	8.00	128	2982319	35.923	ng	98
32) Benzoic acid	7.78	122	711055	44.066	ng	96
33) 4-Chloroaniline	8.05	127	851058	21.517	ng	98
34) Hexachlorobutadiene	8.13	225	557362	34.826	ng	99
35) Caprolactam	8.43	113	184583	21.630	ng	97
36) 4-Chloro-3-methylphenol	8.54	107	981886	38.720	ng	99
37) 2-Methylnaphthalene	8.69	142	2118131	38.400	ng	99
38) 1-Methylnaphthalene	8.79	142	2007386	38.410	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	890743	36.776	ng	99

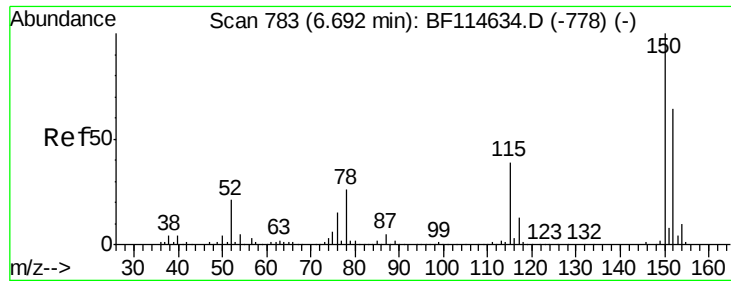
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1126044	70.353	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	726197	38.105	ng	99
44) 2,4,5-Trichlorophenol	9.01	196	730551	38.414	ng	99
46) 1,1'-Biphenyl	9.16	154	2465207	36.514	ng	99
47) 2-Chloronaphthalene	9.18	162	1986799	35.875	ng	97
48) 2-Nitroaniline	9.27	65	586963	34.345	ng	93
49) Acenaphthylene	9.59	152	3031859	35.437	ng	99
50) Dimethylphthalate	9.46	163	2282410	36.014	ng	99
51) 2,6-Dinitrotoluene	9.52	165	554560	37.658	ng	94
52) Acenaphthene	9.76	154	1869007	35.620	ng	100
53) 3-Nitroaniline	9.67	138	398714	22.122	ng	99
54) 2,4-Dinitrophenol	9.79	184	516673	88.949	ng	98
55) Dibenzofuran	9.93	168	2622364	35.110	ng	98
56) 4-Nitrophenol	9.85	139	955189	71.516	ng	97
57) 2,4-Dinitrotoluene	9.92	165	725917	38.409	ng	99
58) Fluorene	10.27	166	1860078	35.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	609354	39.145	ng	99
60) Diethylphthalate	10.16	149	2283579	35.279	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	938969	35.520	ng	99
62) 4-Nitroaniline	10.29	138	564374	32.135	ng	98
63) Azobenzene	10.43	77	2046620	34.438	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	315425	41.894	ng	92
66) n-Nitrosodiphenylamine	10.39	169	1870490	37.285	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	651256	35.766	ng	99
68) Hexachlorobenzene	10.83	284	692213	35.098	ng	96
69) Atrazine	10.92	200	606034	36.948	ng	99
70) Pentachlorophenol	11.02	266	777105	68.354	ng	98
71) Phenanthrene	11.23	178	2860141	33.020	ng	99
72) Anthracene	11.28	178	2927480	33.394	ng	100
73) Carbazole	11.43	167	2620718	34.015	ng	100
74) Di-n-butylphthalate	11.77	149	3249791	32.466	ng	99
75) Fluoranthene	12.41	202	2825180	31.499	ng	99
77) Benzidine	12.53	184	1707320	47.705	ng	99
78) Pyrene	12.63	202	2832312	38.523	ng	100
80) Butylbenzylphthalate	13.26	149	1402628	37.961	ng	99
81) Benzo(a)anthracene	13.82	228	2249496	33.680	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	722005	27.992	ng	98
83) Chrysene	13.86	228	2274405	35.642	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1629428	35.670	ng	99
85) Di-n-octyl phthalate	14.43	149	2757268	34.741	ng	100
86) Indeno(1,2,3-cd)pyrene	16.54	276	1968196	30.796	ng	100
88) Benzo(b)fluoranthene	14.83	252	2015670	36.784	ng	99
89) Benzo(k)fluoranthene	14.86	252	1913742	40.181	ng	99
90) Benzo(a)pyrene	15.16	252	1836406	38.148	ng	99
91) Dibenzo(a,h)anthracene	16.57	278	1642688	38.616	ng	100
92) Benzo(g,h,i)perylene	16.95	276	1668710	40.418	ng	100

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

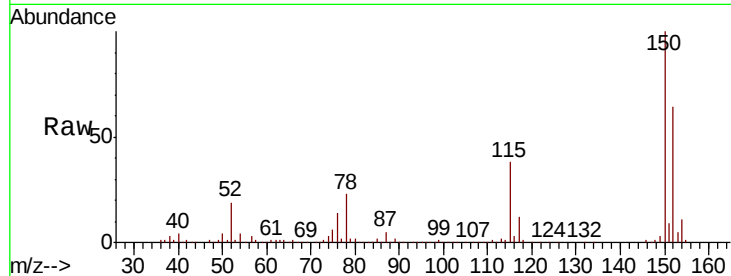


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	58.8	48.8	73.2

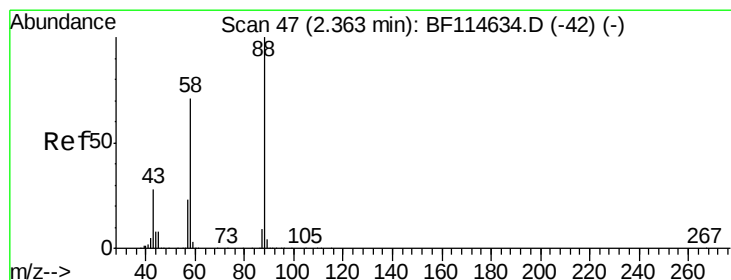
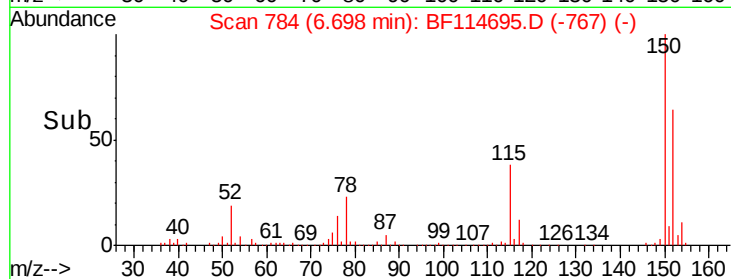
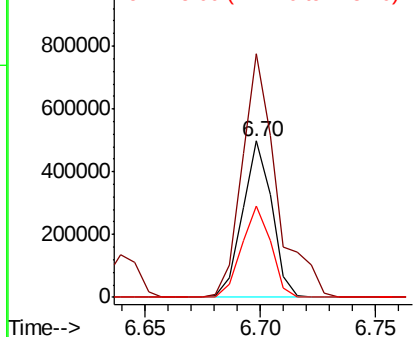


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

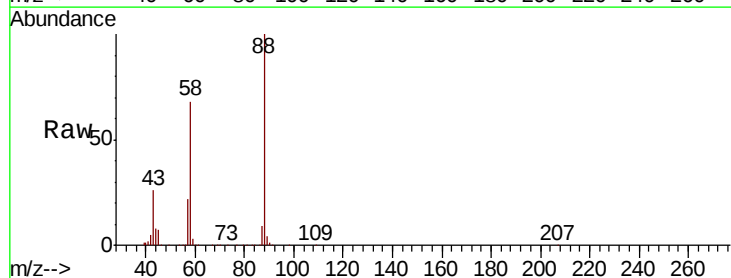
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.259 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.12 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.0	82.4
43	26.7	21.0	31.4

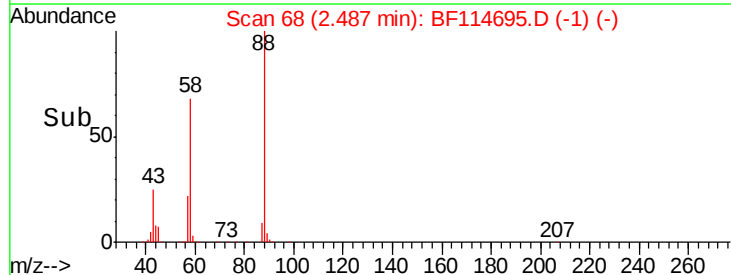
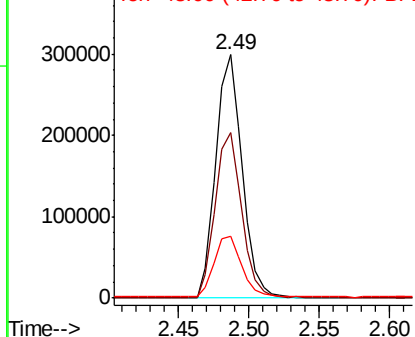


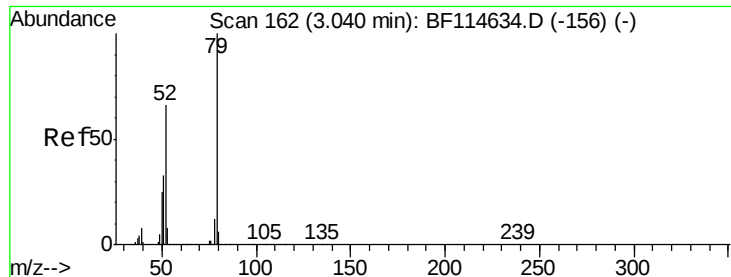
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.181 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.11 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

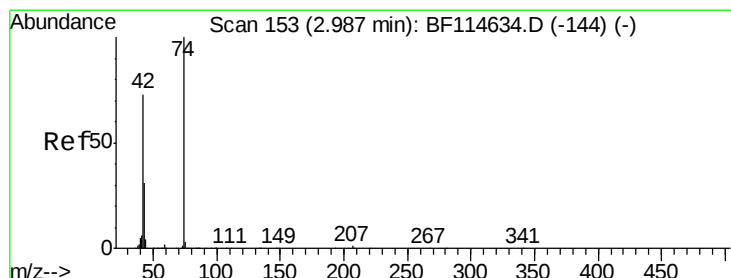
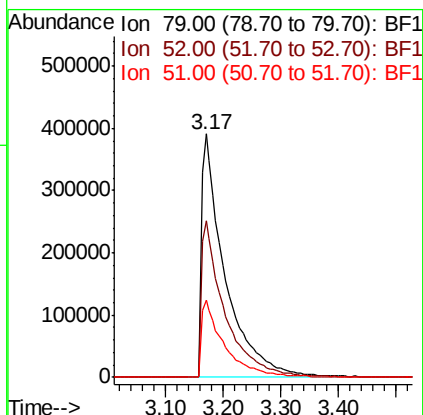
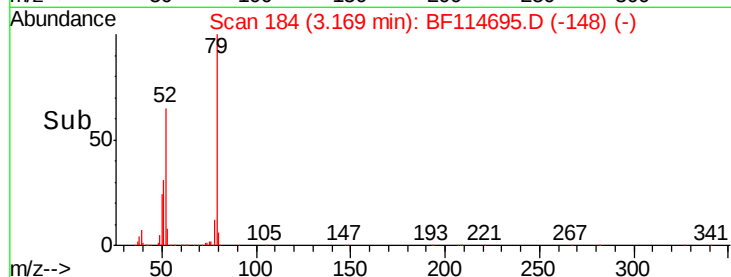
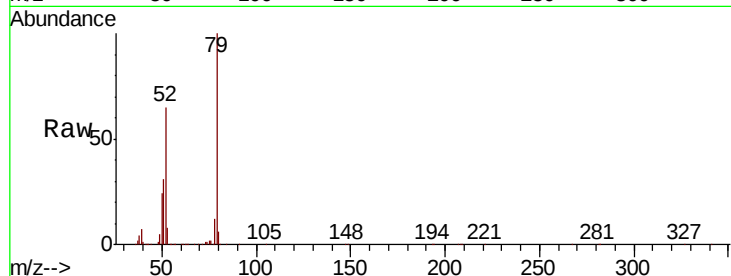
Tot Ion: 79 Resp: 1096032

Ion Ratio Lower Upper

79 100

52 64.5 51.9 77.9

51 31.5 25.9 38.9



#4

n-Nitrosodimethylamine

Concen: 30.893 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.09 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

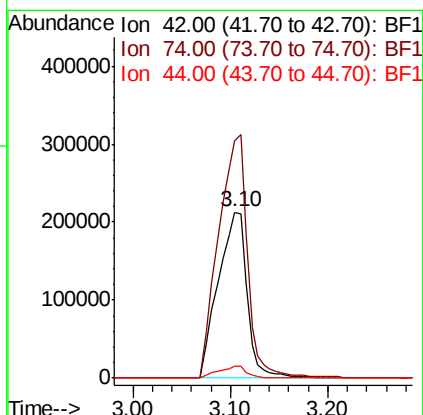
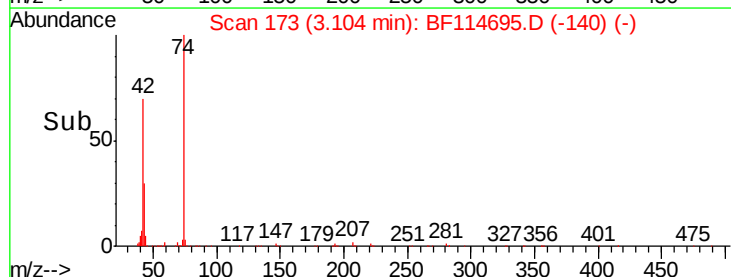
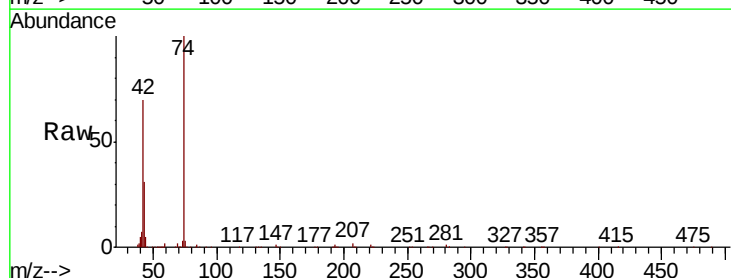
Tgt Ion: 42 Resp: 439438

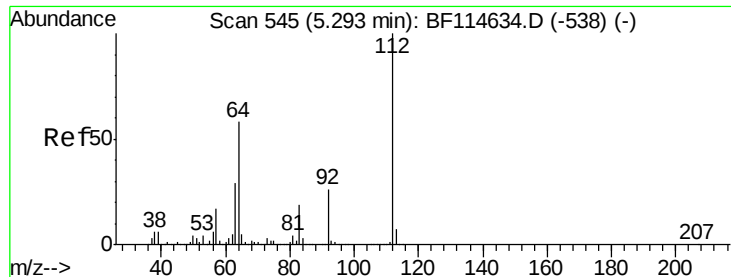
Ion Ratio Lower Upper

42 100

74 142.8 116.8 175.2

44 6.8 5.3 7.9





#5

2-Fluorophenol

Concen: 103.999 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

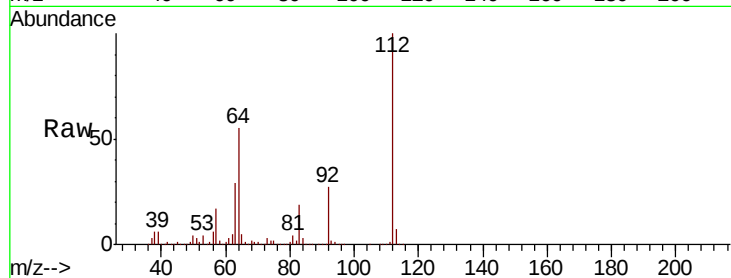
Tot Ion:112 Resp: 2617493

Ion Ratio Lower Upper

112 100

64 55.5 44.8 67.2

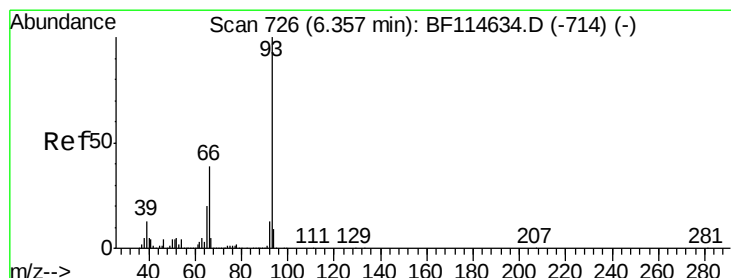
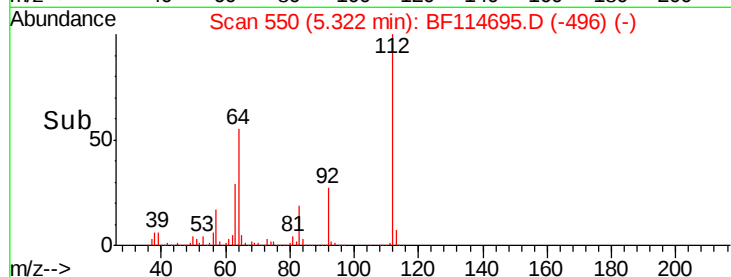
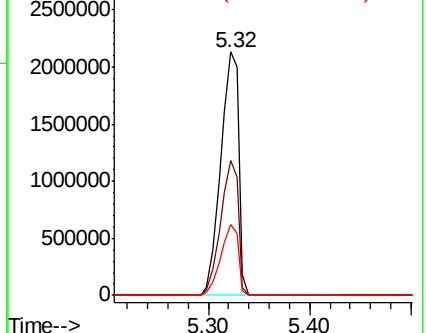
63 29.3 23.0 34.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.228 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

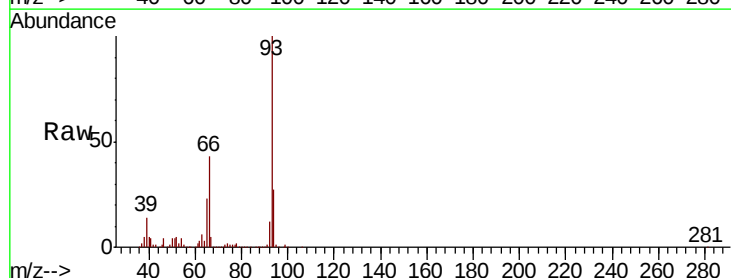
Tgt Ion: 93 Resp: 1064112

Ion Ratio Lower Upper

93 100

66 42.6 33.1 49.7

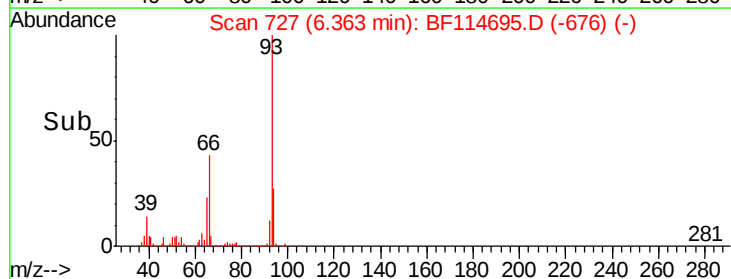
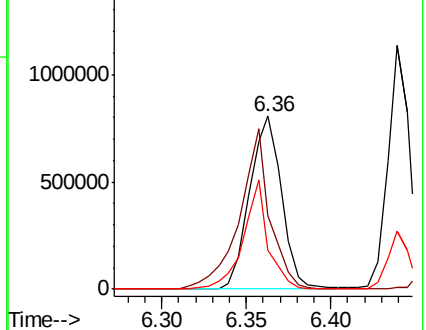
65 22.7 17.0 25.4

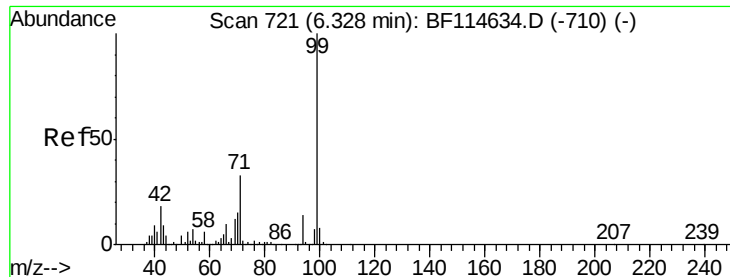


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.965 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

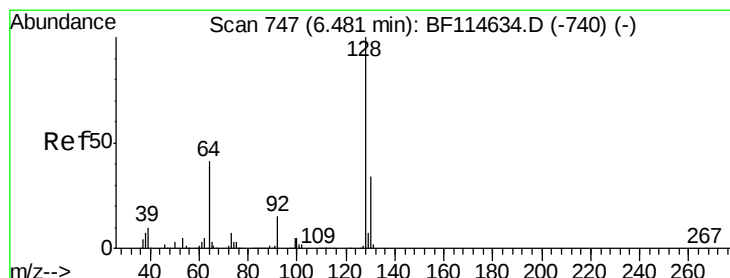
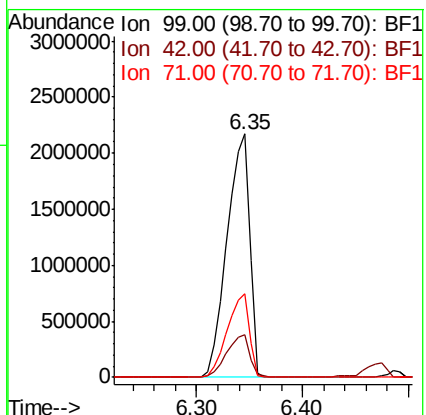
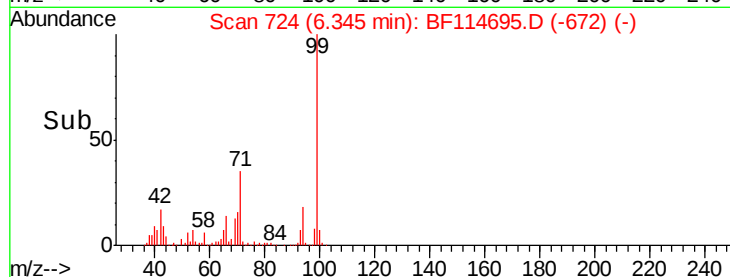
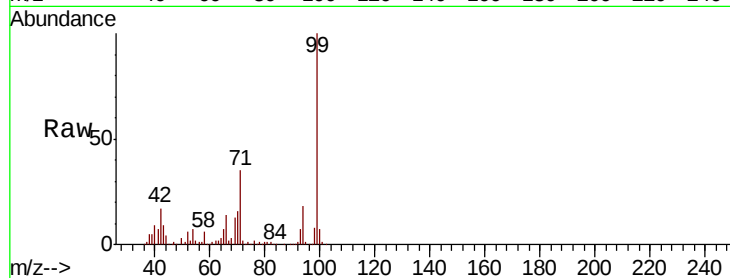
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 3213814

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	34.6	27.3	40.9



#8

2-Chlorophenol

Concen: 36.764 ng

RT: 6.49 min Scan# 748

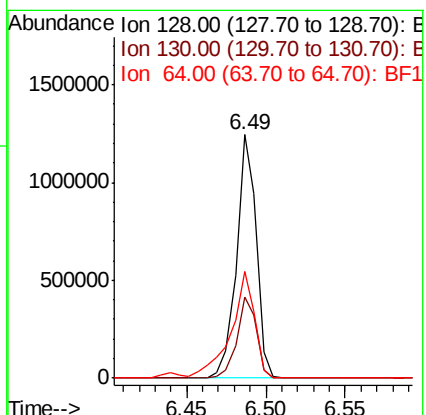
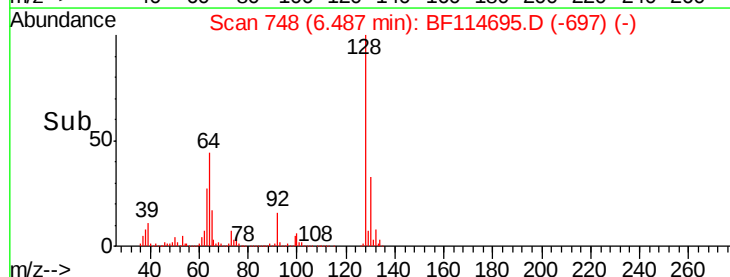
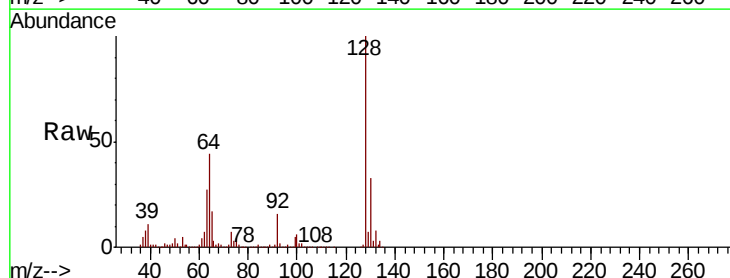
Delta R.T. -0.00 min

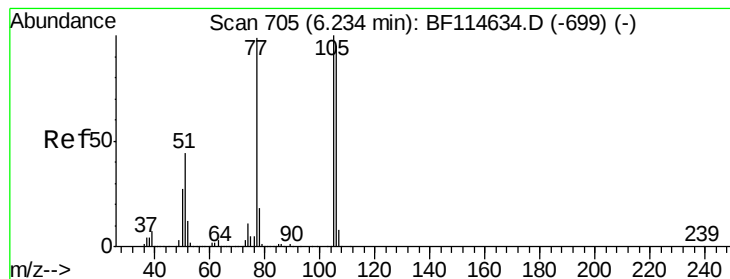
Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion: 128 Resp: 1068583

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.6	53.6
64	43.9	24.0	64.0





#9

Benzaldehyde

Concen: 33.420 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

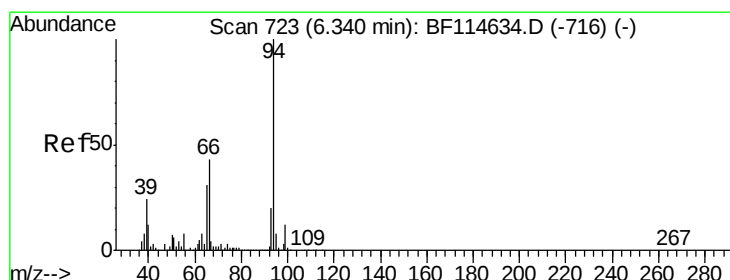
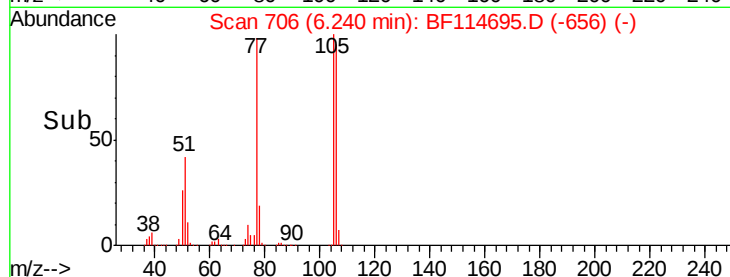
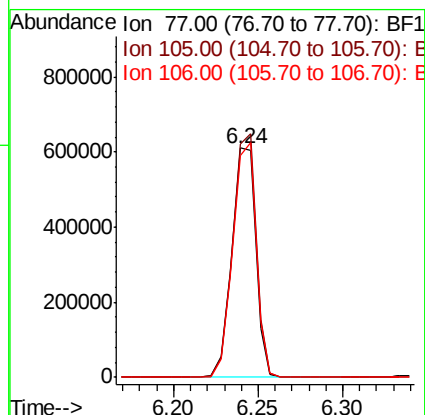
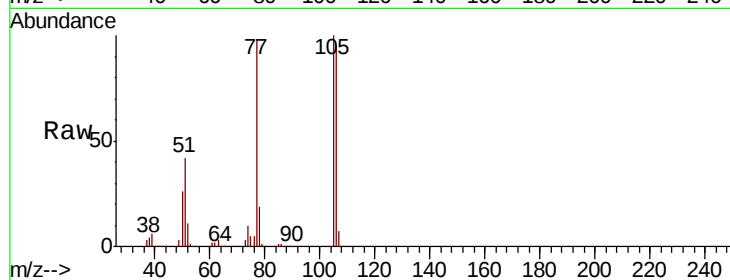
Tot Ion: 77 Resp: 597430

Ion Ratio Lower Upper

77 100

105 101.7 83.0 123.0

106 96.8 79.2 119.2



#10

Phenol

Concen: 33.264 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

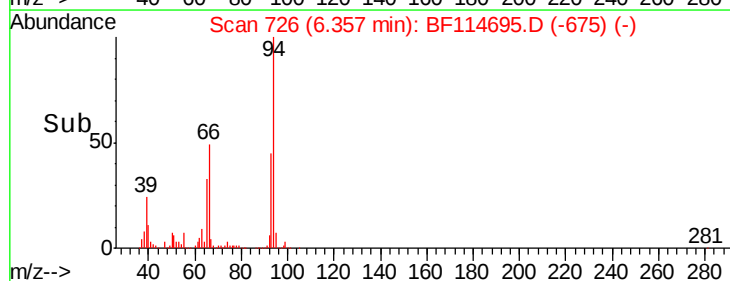
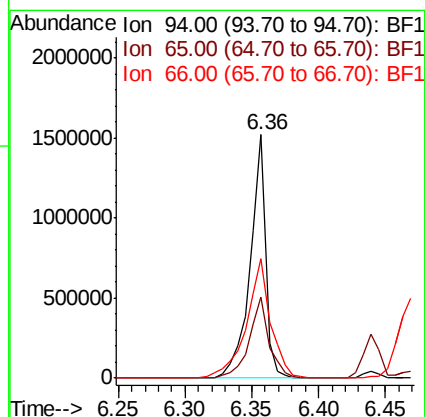
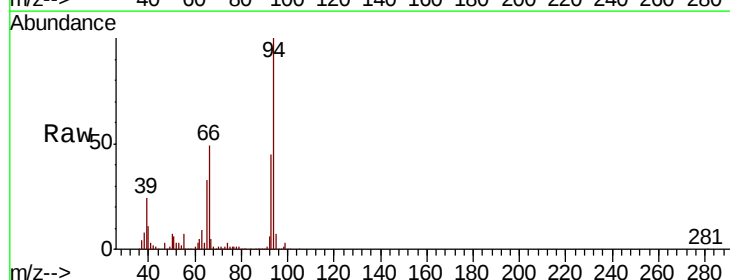
Tgt Ion: 94 Resp: 1218731

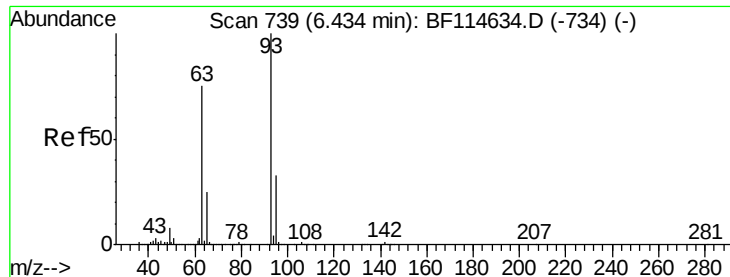
Ion Ratio Lower Upper

94 100

65 33.3 16.5 56.5

66 49.1 36.3 76.3

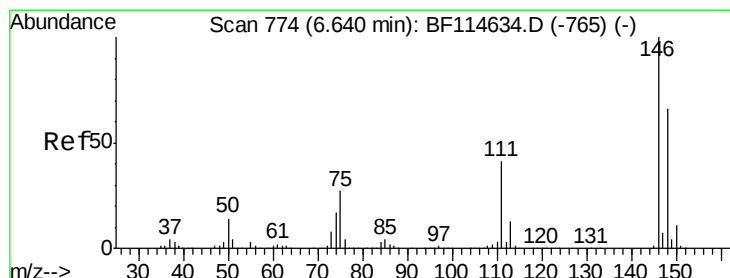
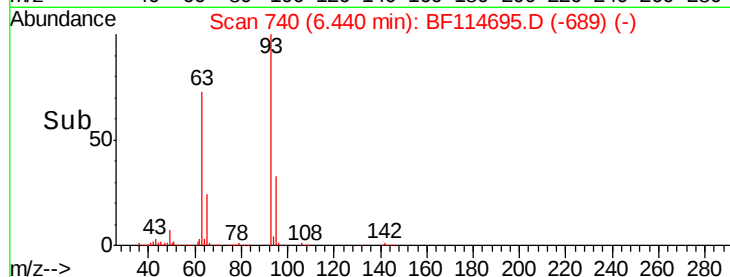
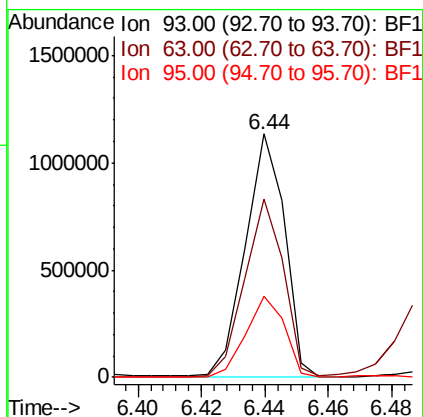
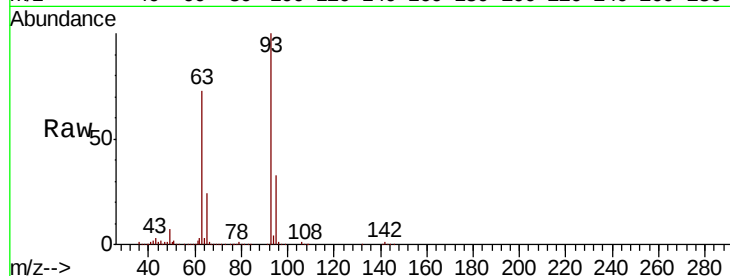




#11
bis(2-Chloroethyl)ether
Concen: 34.661 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

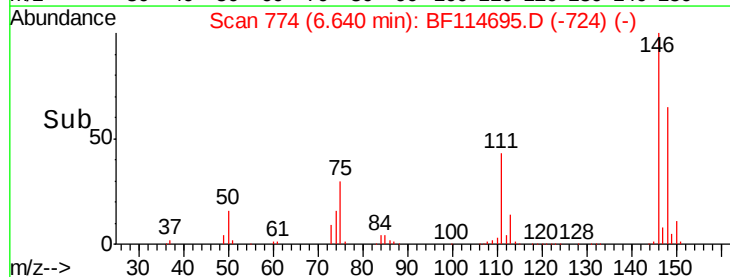
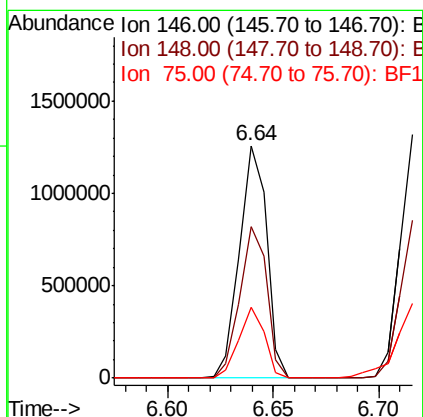
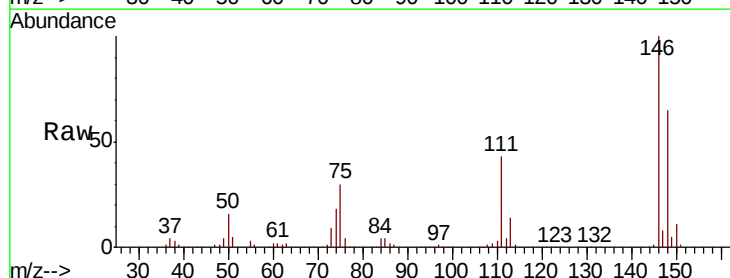
Instrument :
BNA_F
ClientSampleId :

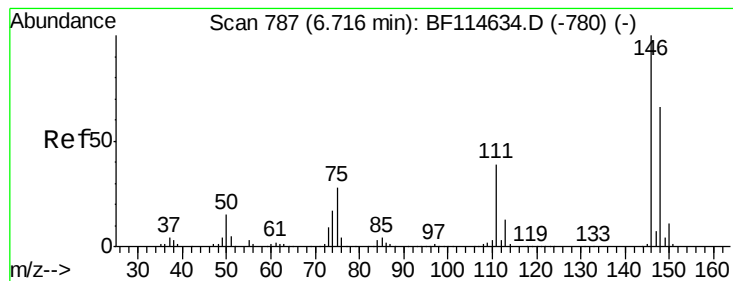
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	53.5	93.5
95	33.1	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 33.973 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.4	78.6
75	30.2	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 34.298 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

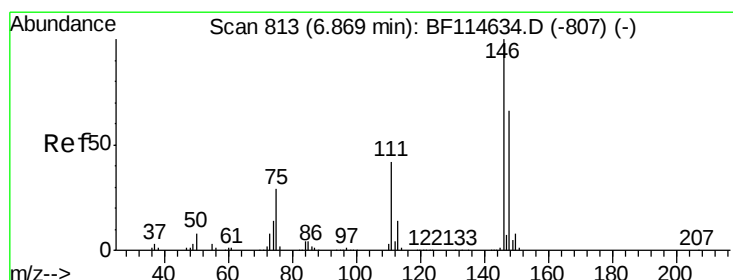
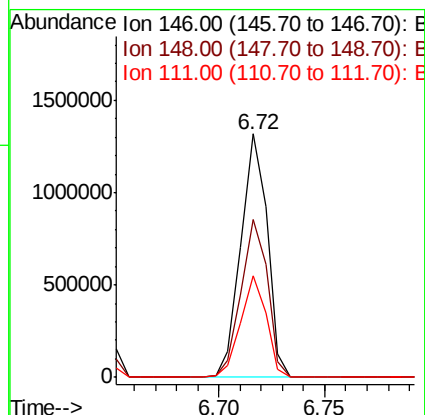
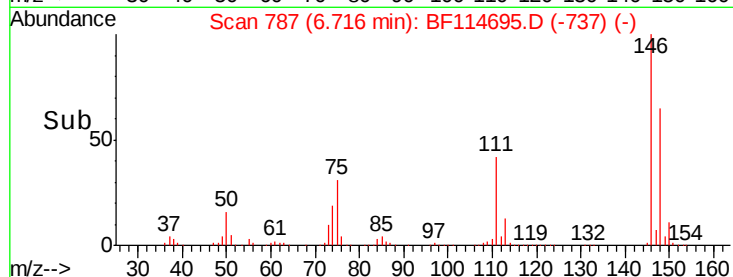
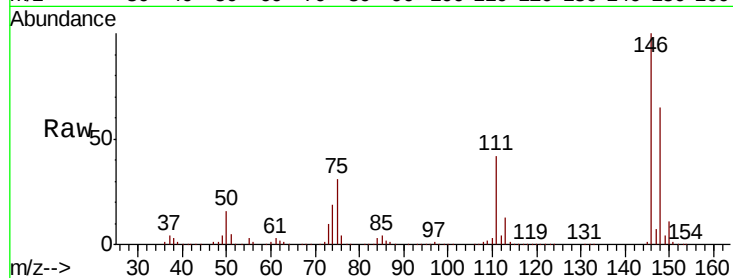
Tot Ion:146 Resp: 1139423

Ion Ratio Lower Upper

146 100

148 64.8 53.2 79.8

111 41.5 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 34.789 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

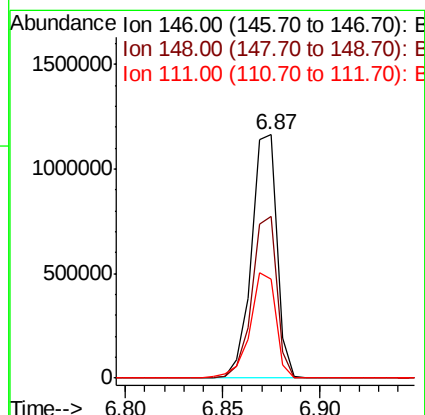
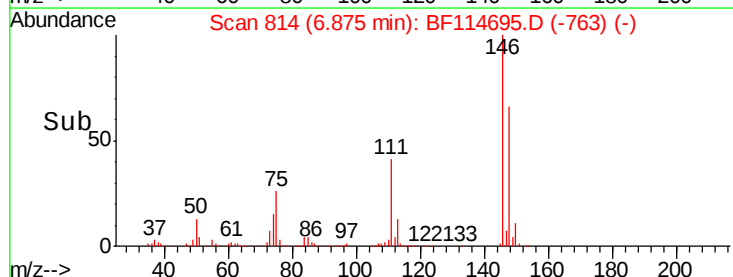
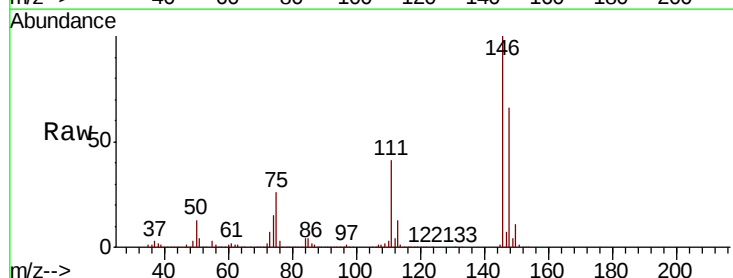
Tgt Ion:146 Resp: 1052201

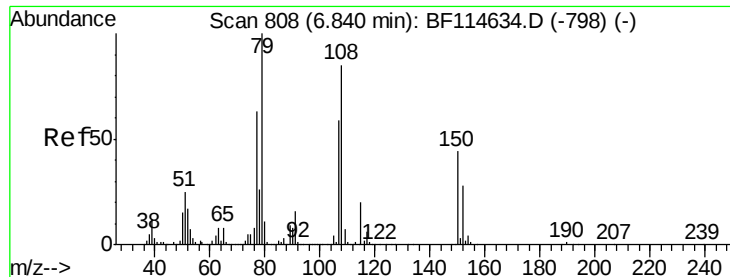
Ion Ratio Lower Upper

146 100

148 66.3 52.9 79.3

111 40.8 35.5 53.3





#15

Benzyl Alcohol

Concen: 36.715 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampled :

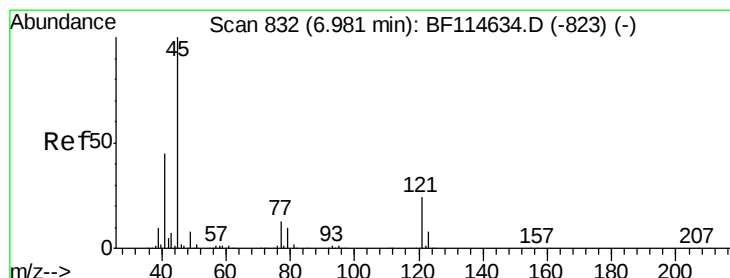
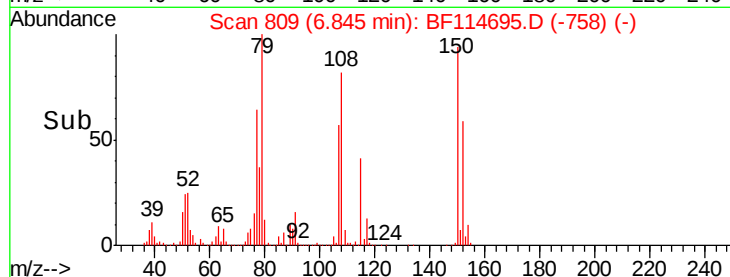
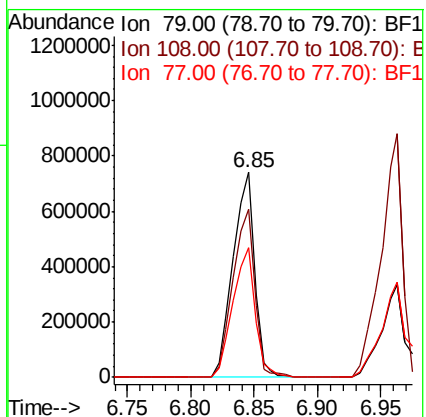
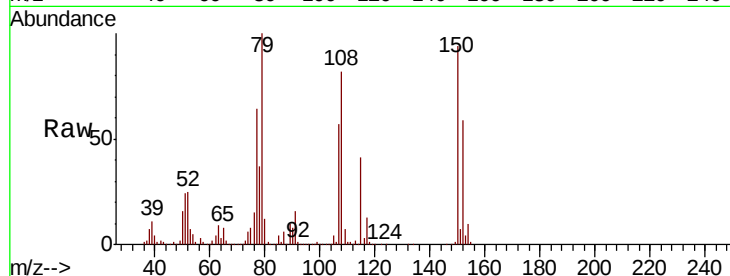
Tot Ion: 79 Resp: 875904

Ion Ratio Lower Upper

79 100

108 81.9 66.4 99.6

77 63.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.349 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

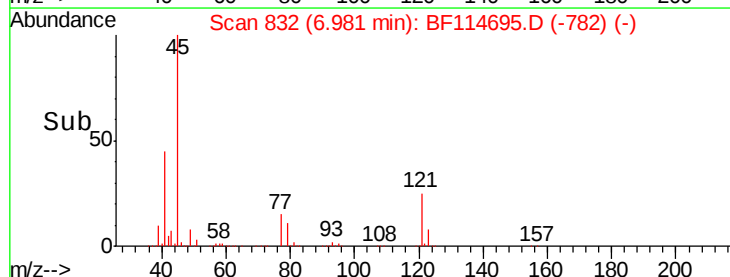
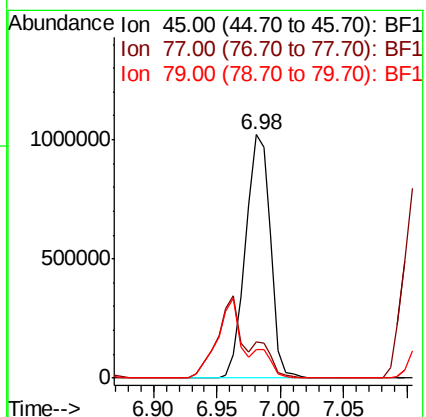
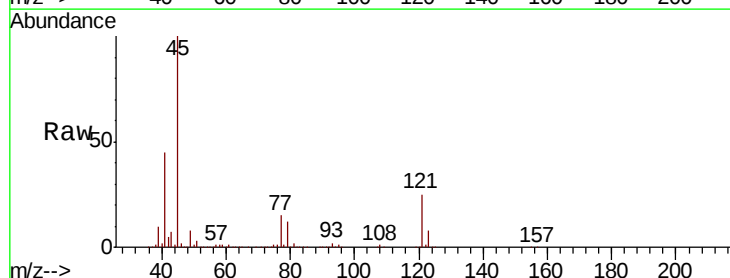
Tgt Ion: 45 Resp: 1390477

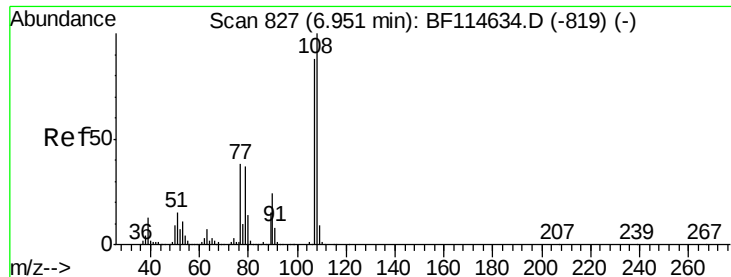
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.3

79 11.6 0.0 32.0

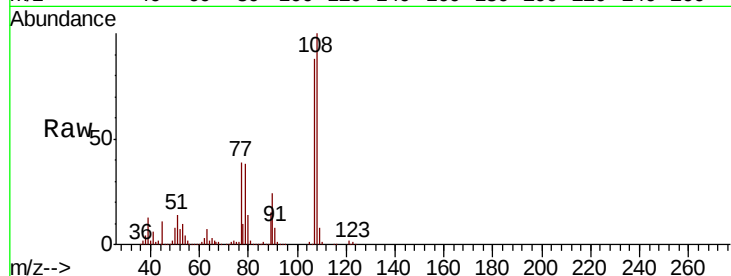




#17
2-Methylphenol
Concen: 37.050 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	89.7	134.5
77	44.4	34.9	52.3
79	43.3	34.2	51.2



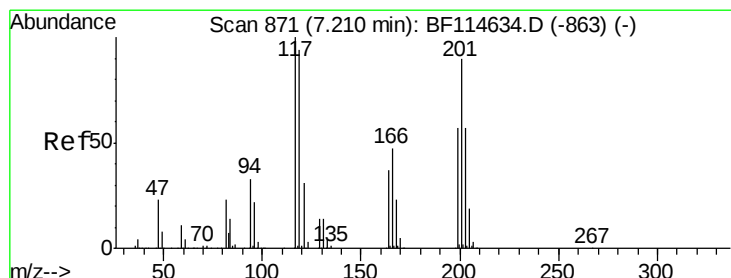
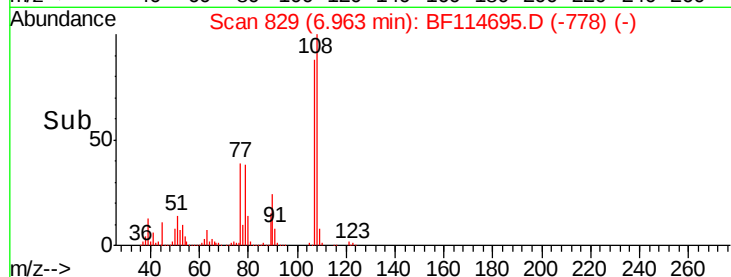
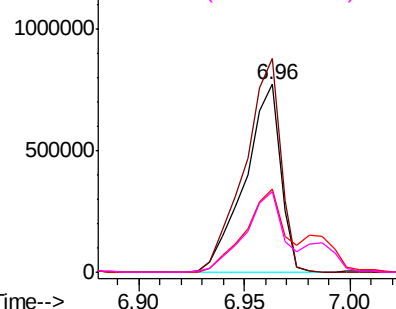
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

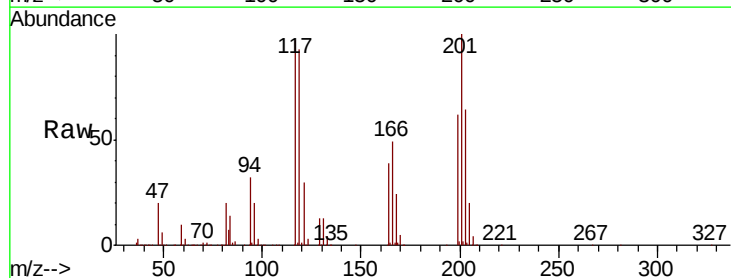
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.812 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.9	116.9
201	102.9	77.9	116.9

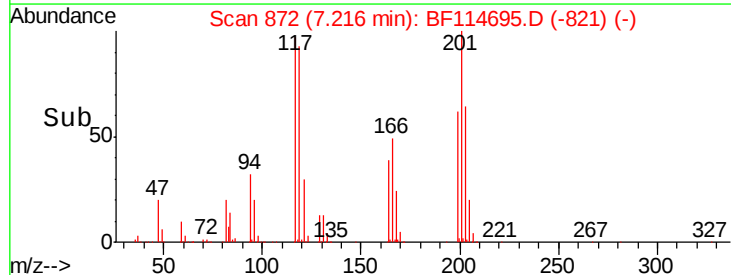
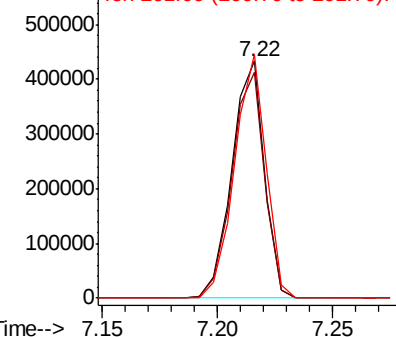


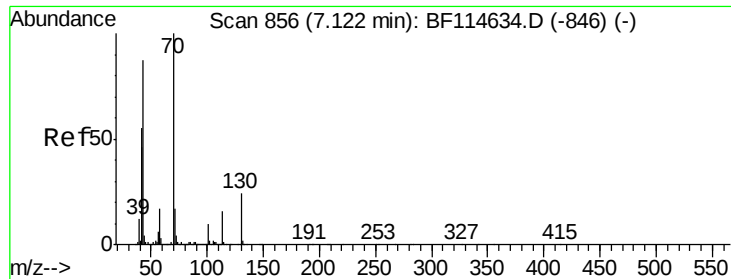
Abundance

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

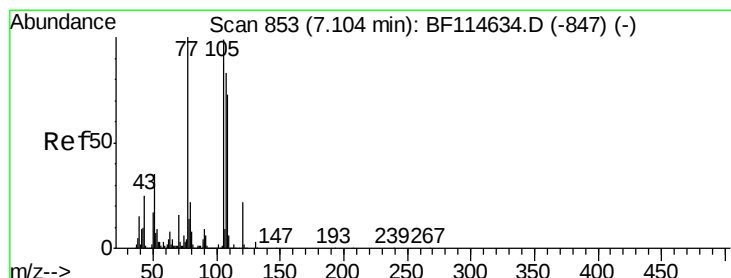
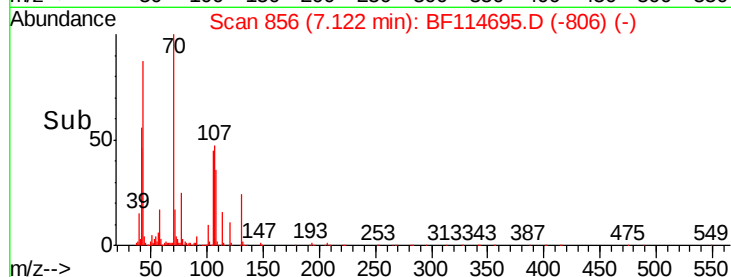
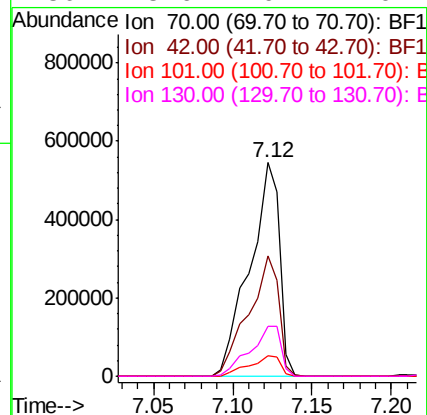
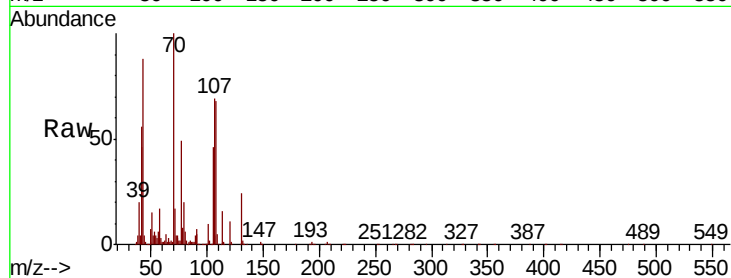




#19
n-Nitroso-di-n-propylamine
Concen: 33.960 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

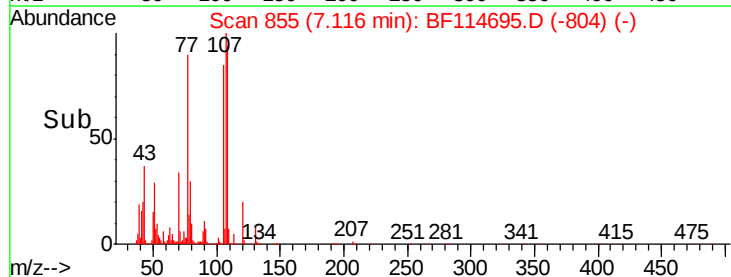
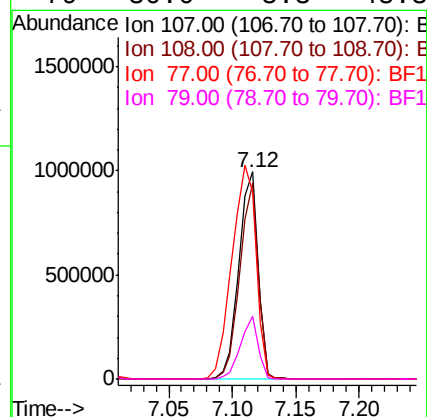
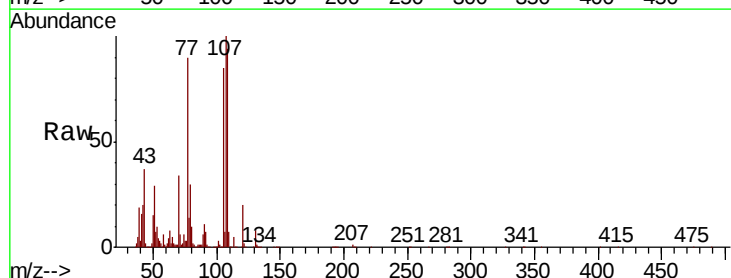
Instrument :
BNA_F
ClientSampleId :

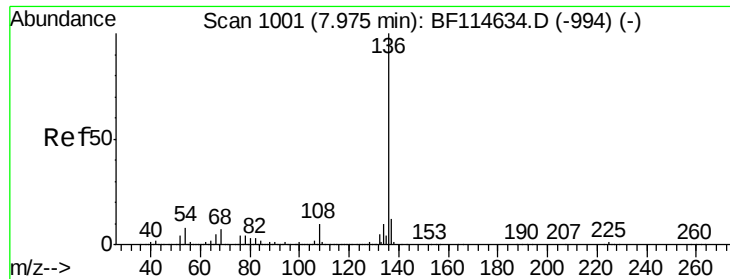
Tot Ion:	70	Resp:	710941
Ion	Ratio	Lower	Upper
70	100		
42	56.3	43.9	65.9
101	9.9	8.3	12.5
130	23.6	19.4	29.2



#20
3+4-Methylphenols
Concen: 35.728 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:	107	Resp:	1033037
Ion	Ratio	Lower	Upper
107	100		
108	94.2	69.7	109.7
77	90.5	99.5	139.5#
79	30.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1802349

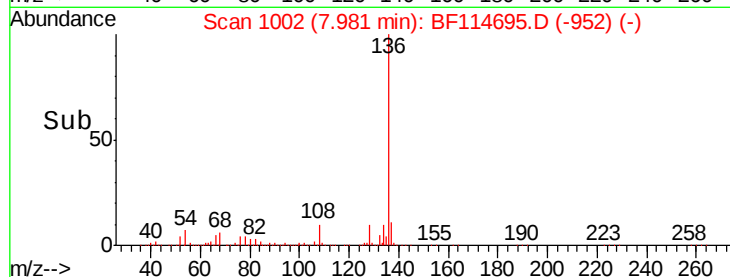
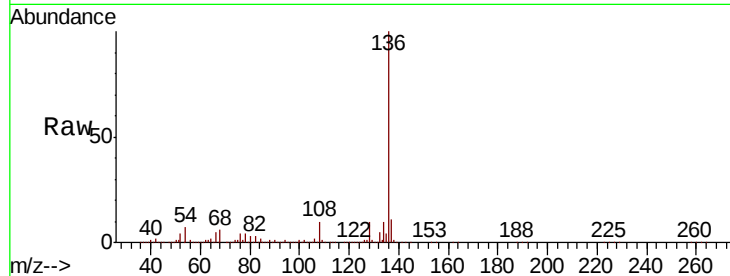
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.2 5.2 7.8

68 6.0 4.6 6.8

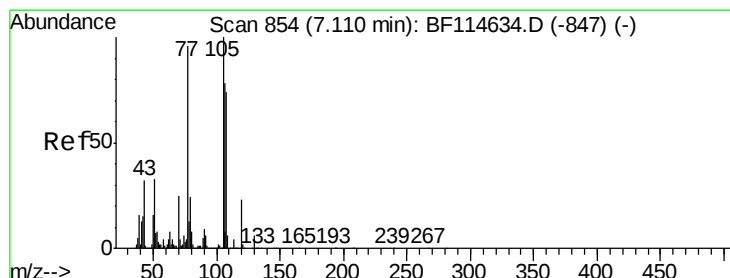
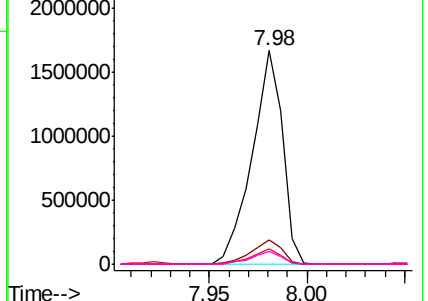


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.624 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion:105 Resp: 1406465

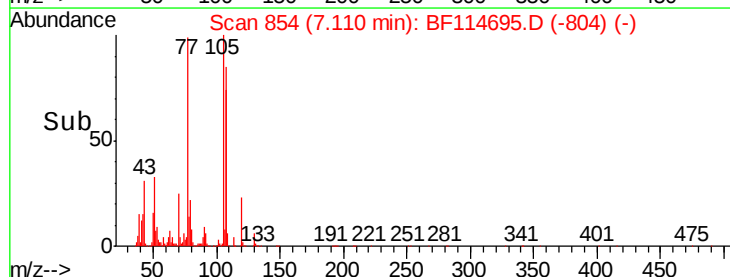
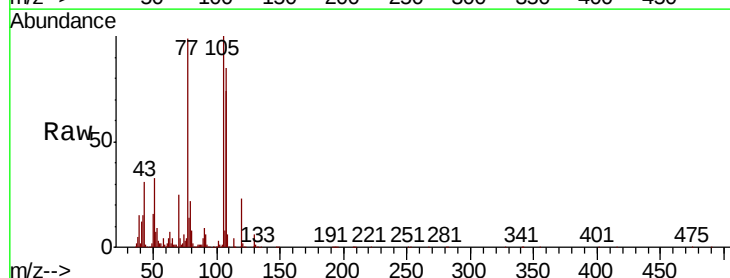
Ion Ratio Lower Upper

105 100

71 4.1 2.5 3.7#

51 32.9 27.4 41.0

120 23.4 18.8 28.2

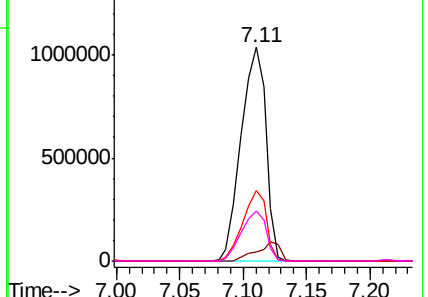


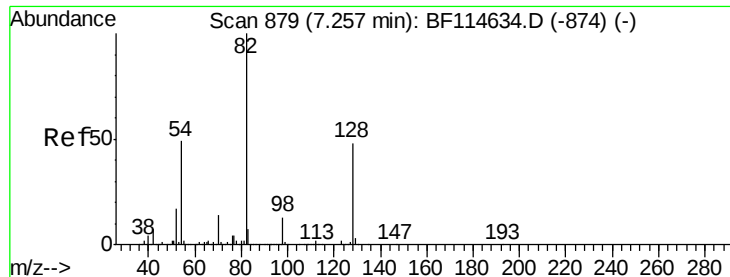
Abundance Ion 105.00 (104.70 to 105.70): E

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

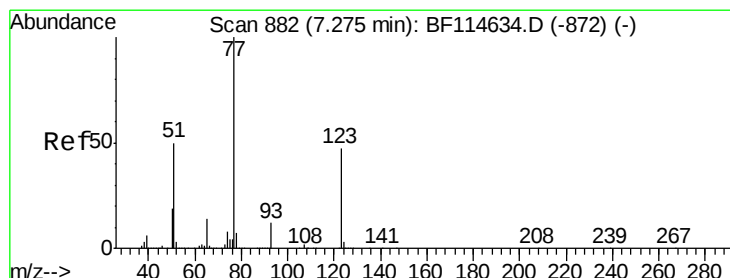
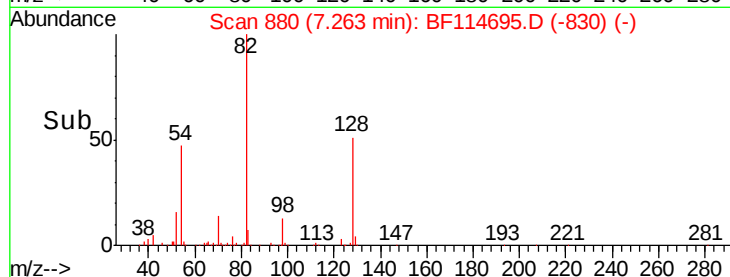
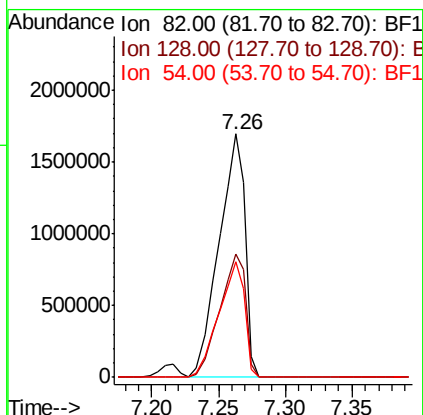
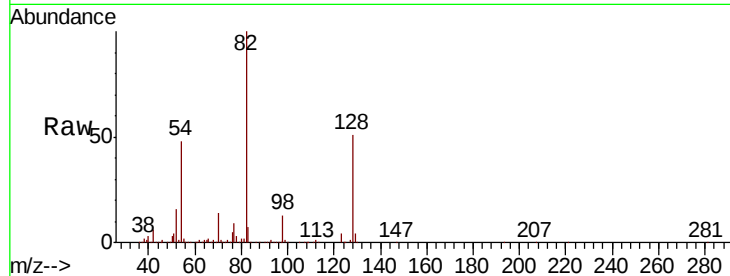




#23
 Nitrobenzene-d5
 Concen: 80.318 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

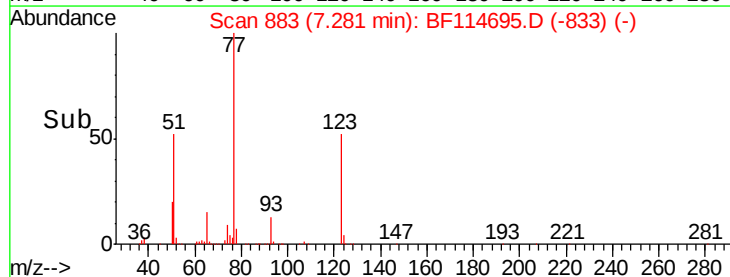
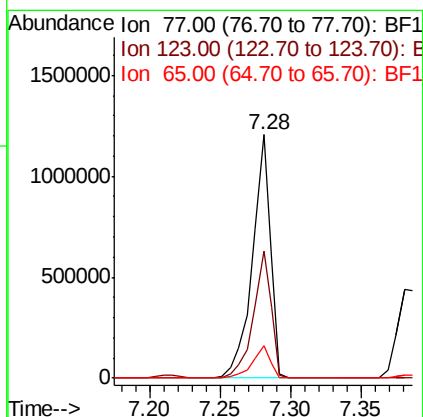
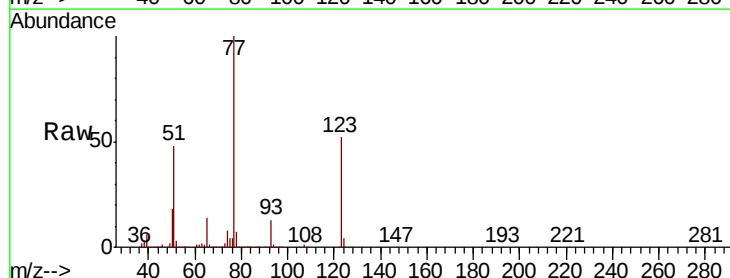
Instrument :
 BNA_F
 ClientSampled :

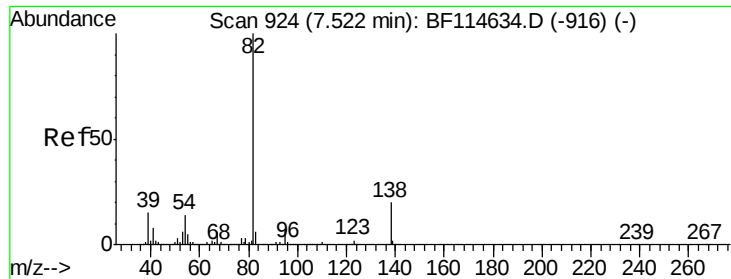
Tot Ion: 82 Resp: 2320283
 Ion Ratio Lower Upper
 82 100
 128 50.5 41.7 62.5
 54 47.7 37.5 56.3



#24
 Nitrobenzene
 Concen: 35.361 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion: 77 Resp: 1085145
 Ion Ratio Lower Upper
 77 100
 123 52.0 42.8 64.2
 65 13.6 10.8 16.2

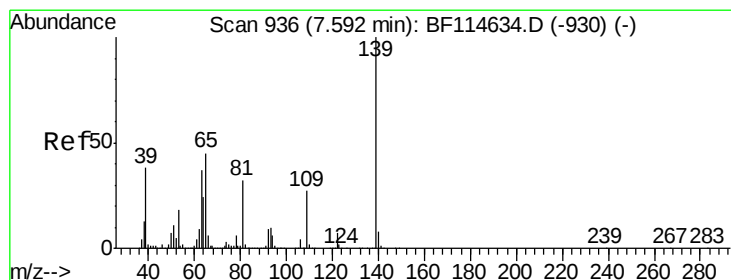
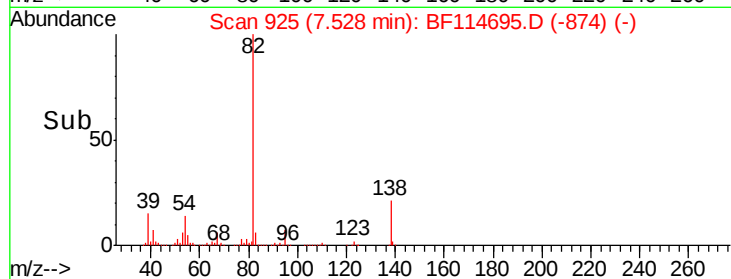
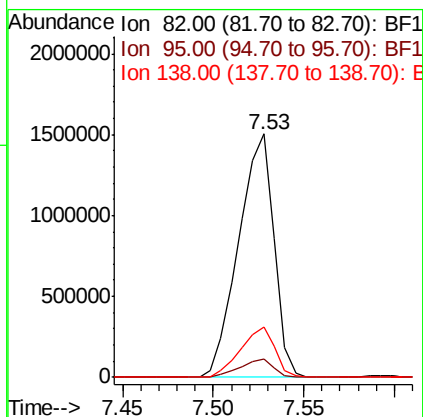
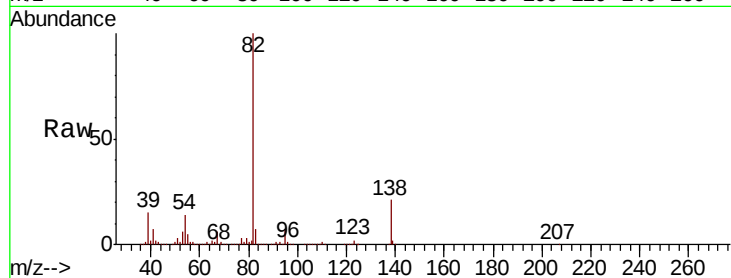




#25
Isophorone
Concen: 35.240 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

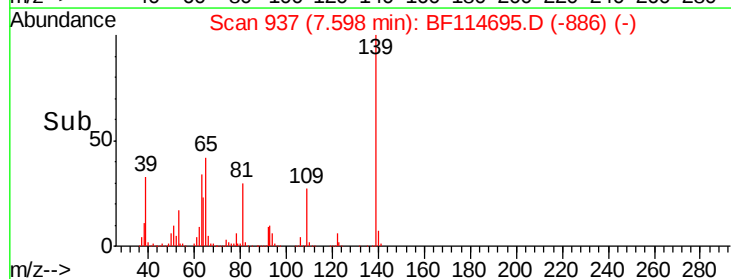
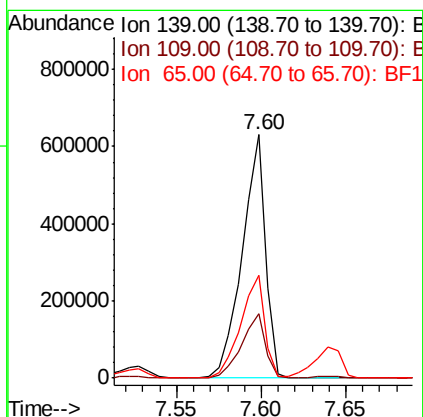
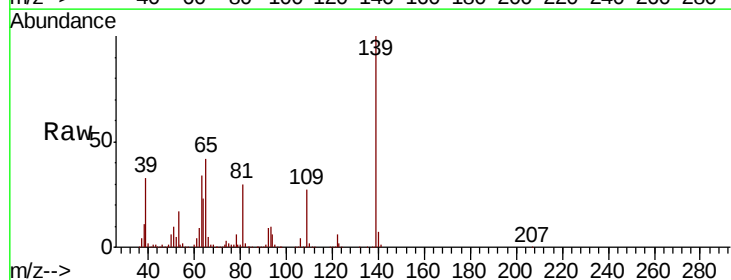
Instrument :
BNA_F
ClientSampleId :

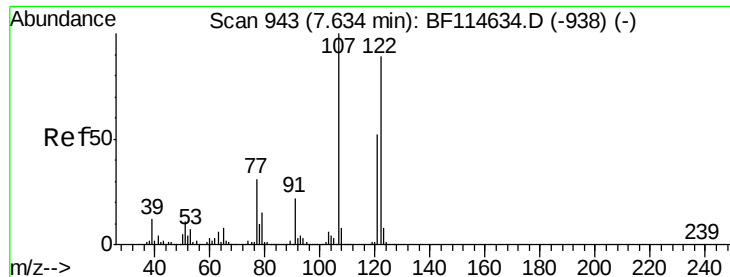
Tot Ion: 82 Resp: 2043090
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 20.8 16.1 24.1



#26
2-Nitrophenol
Concen: 40.925 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion: 139 Resp: 611325
Ion Ratio Lower Upper
139 100
109 26.7 21.7 32.5
65 42.1 36.2 54.2



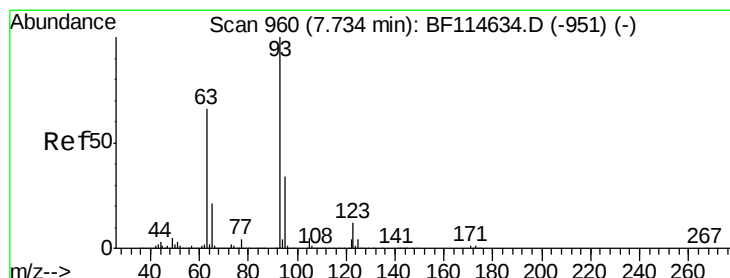
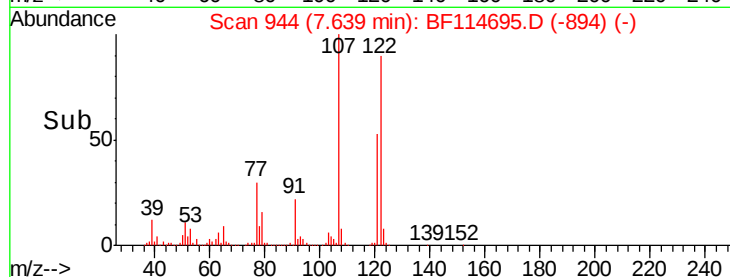
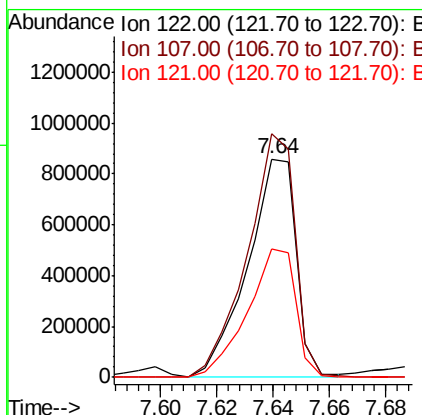
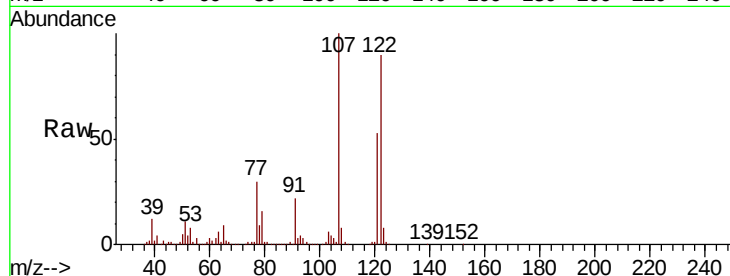


#27
 2,4-Dimethylphenol
 Concen: 41.361 ng
 RT: 7.64 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1027529

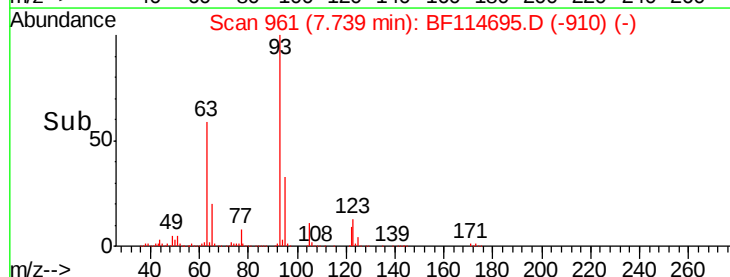
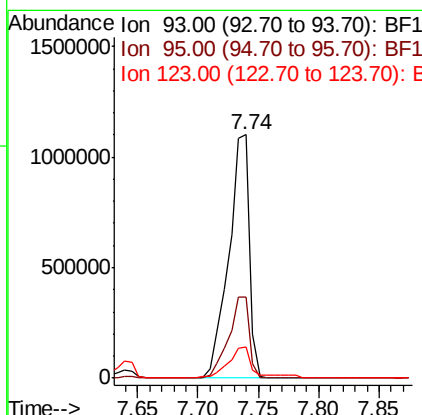
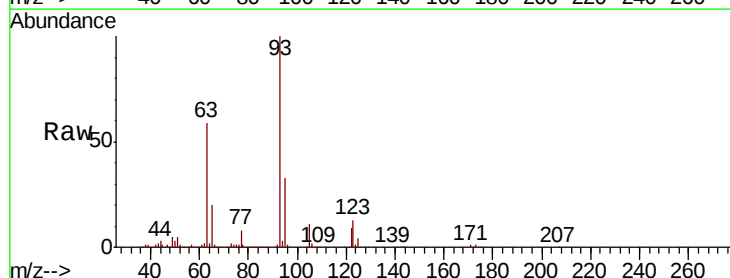
Ion	Ratio	Lower	Upper
122	100		
107	111.5	87.7	131.5
121	58.9	46.4	69.6

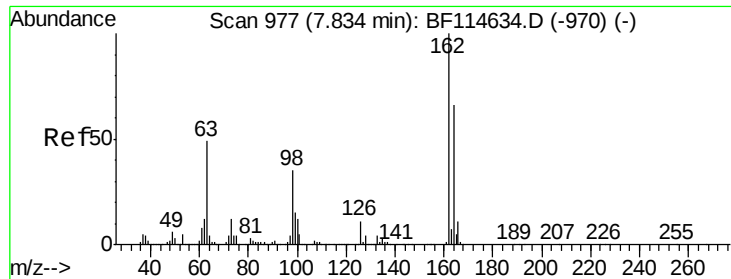


#28
 bis(2-Chloroethoxy)methane
 Concen: 35.436 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion: 93 Resp: 1307818

Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	13.0	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 38.371 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampled :

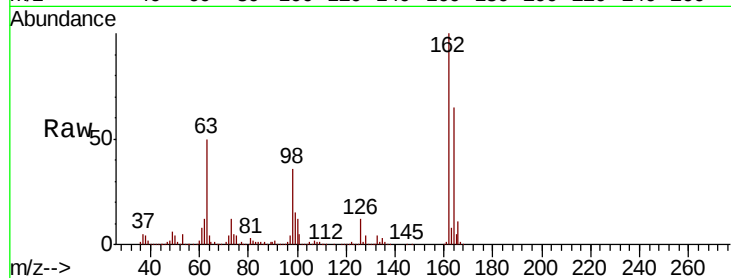
Tot Ion:162 Resp: 970272

Ion Ratio Lower Upper

162 100

164 64.5 45.9 85.9

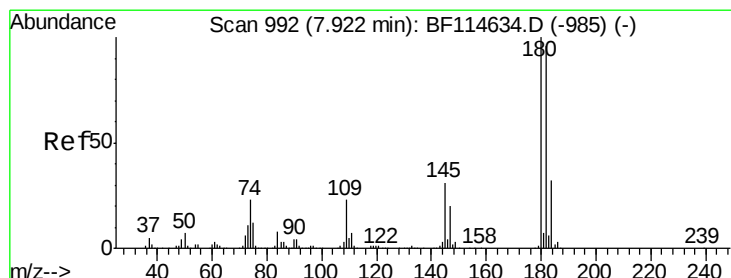
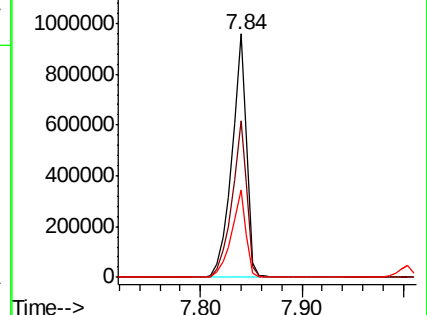
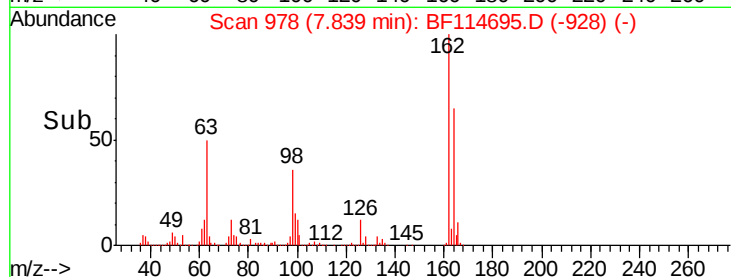
98 35.9 13.0 53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.068 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

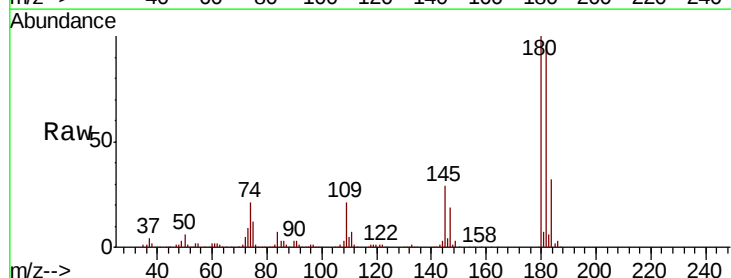
Tgt Ion:180 Resp: 1039093

Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.8

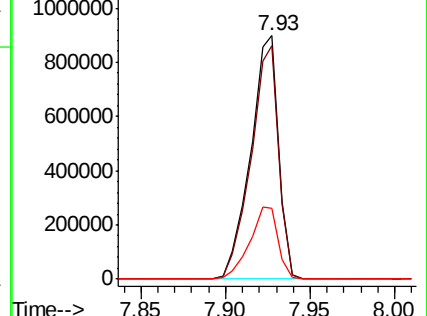
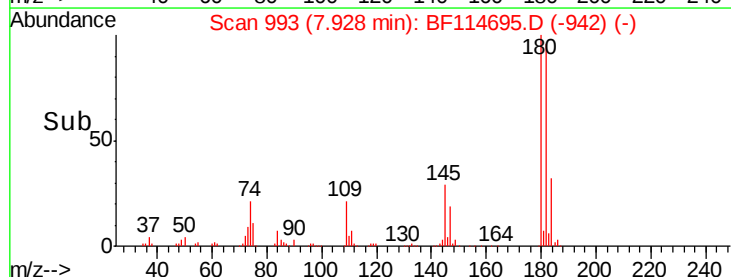
145 29.3 24.7 37.1

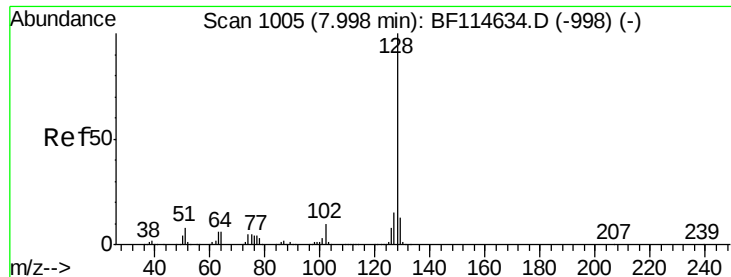


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

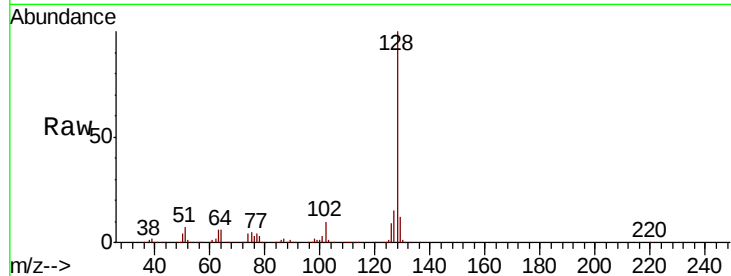




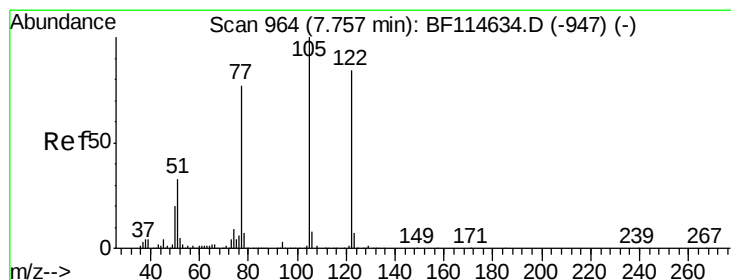
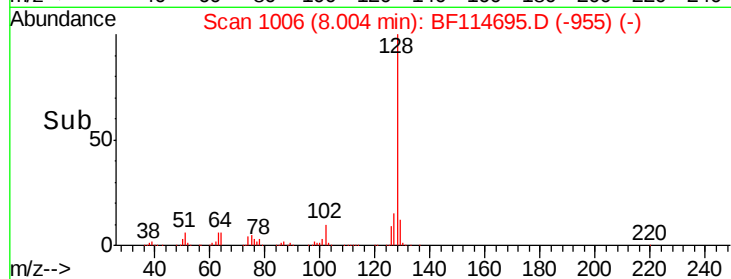
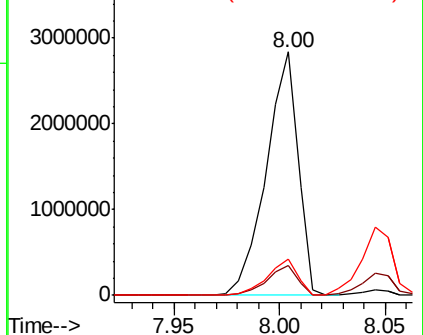
#31
Naphthalene
Concen: 35.923 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2982319
Ion Ratio Lower Upper
128 100
129 12.5 10.7 16.1
127 14.8 12.3 18.5

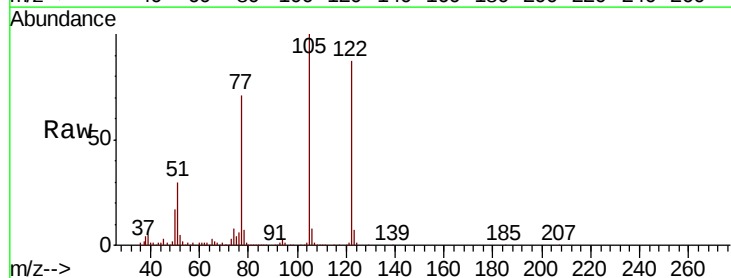


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

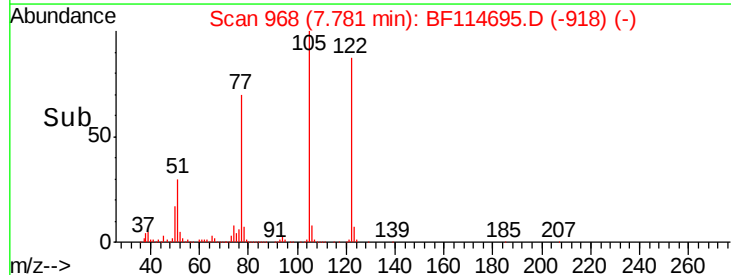
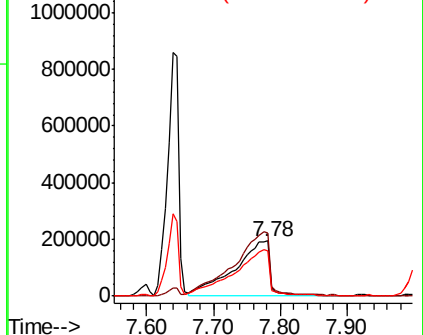


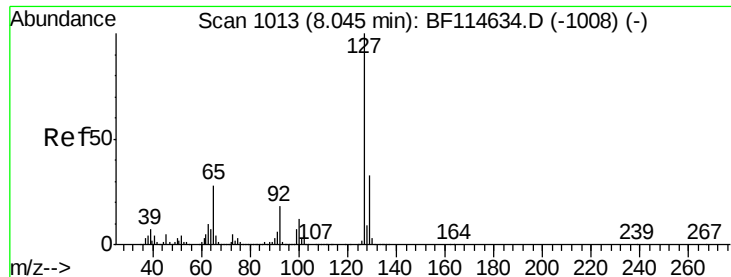
#32
Benzoic acid
Concen: 44.066 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:122 Resp: 711055
Ion Ratio Lower Upper
122 100
105 114.9 99.1 139.1
77 81.0 65.3 105.3



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

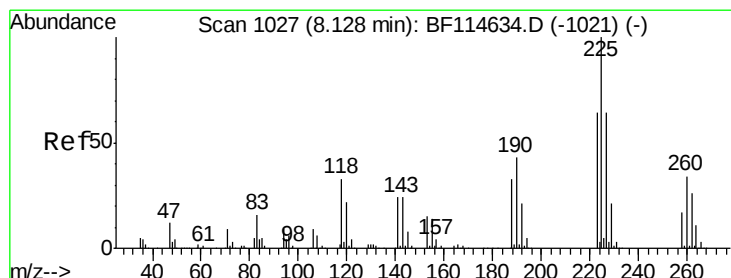
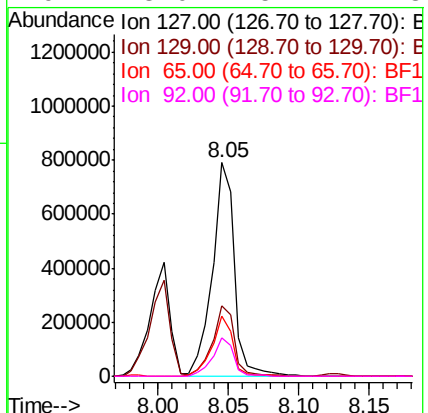
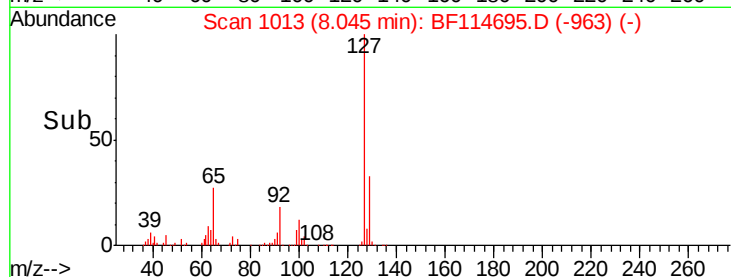
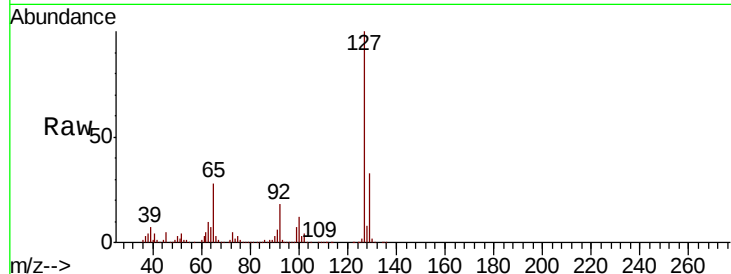




#33
4-Chloroaniline
Concen: 21.517 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

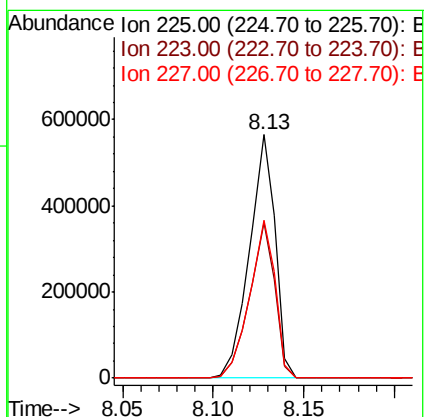
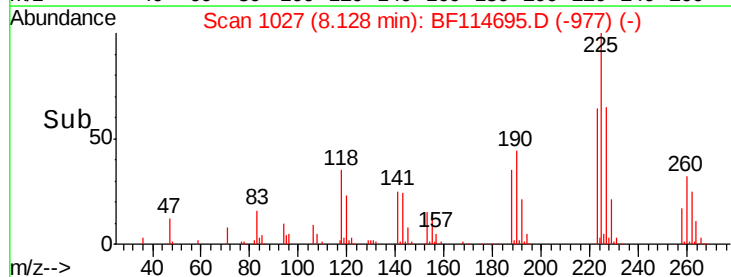
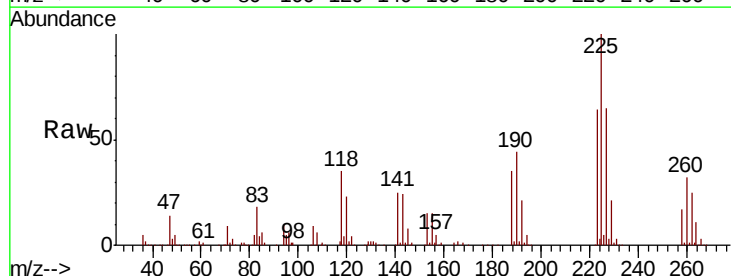
Instrument :
BNA_F
ClientSampleId :

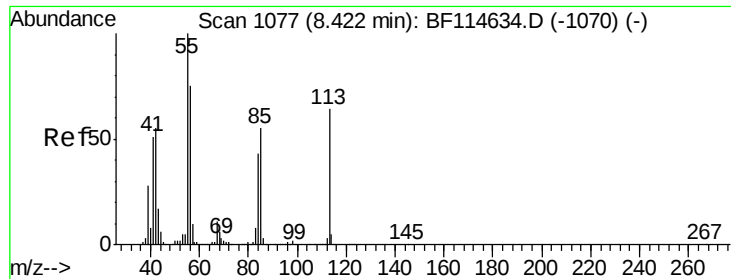
Tot Ion:	127	Resp:	851058
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	27.9	22.9	34.3
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 34.826 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:	225	Resp:	557362
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	65.0	52.4	78.6

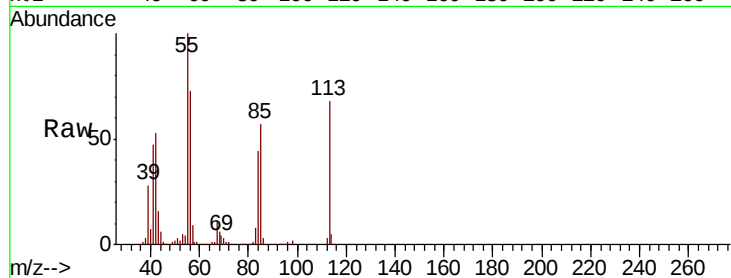




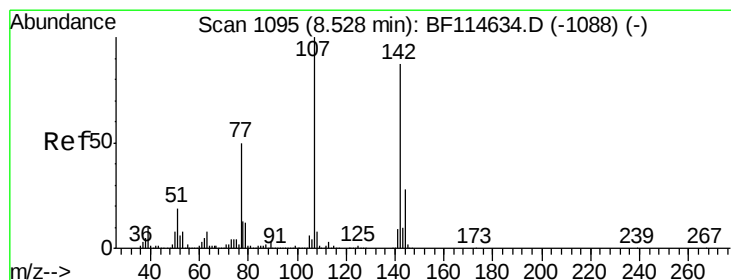
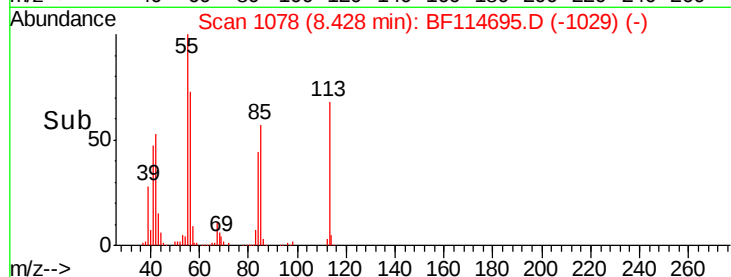
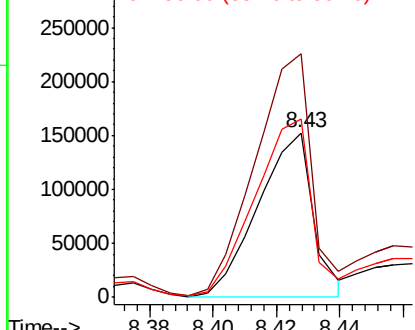
#35
 Caprolactam
 Concen: 21.630 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 184583
 Ion Ratio Lower Upper
 113 100
 55 147.7 130.4 170.4
 56 107.9 91.4 131.4

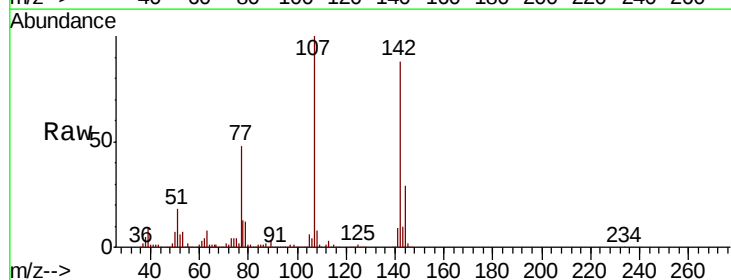


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

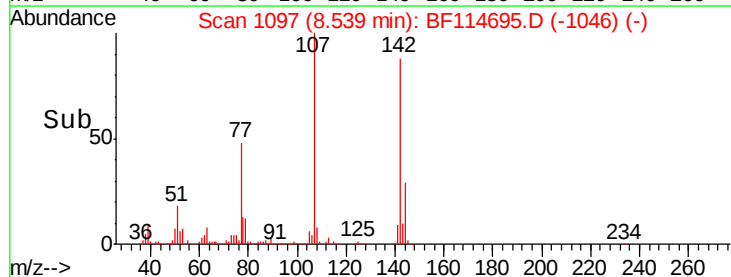
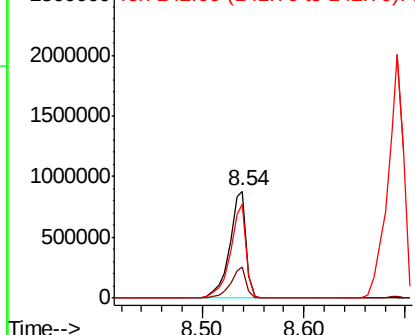


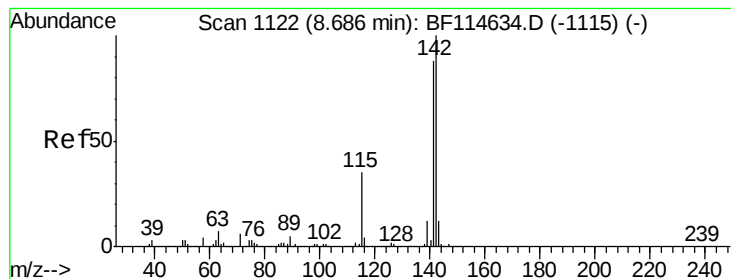
#36
 4-Chloro-3-methylphenol
 Concen: 38.720 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion:107 Resp: 981886
 Ion Ratio Lower Upper
 107 100
 144 28.8 22.6 33.8
 142 87.7 69.4 104.2



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: 38.400 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

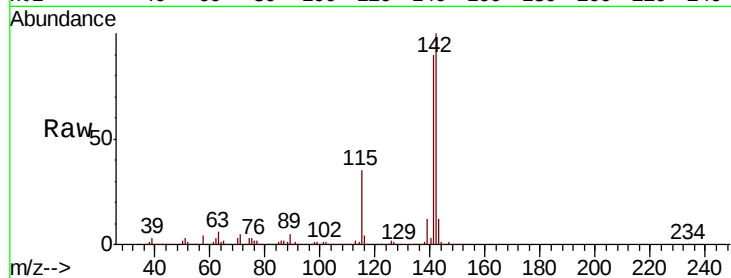
Tot Ion:142 Resp: 2118131

Ion Ratio Lower Upper

142 100

141 89.9 70.5 105.7

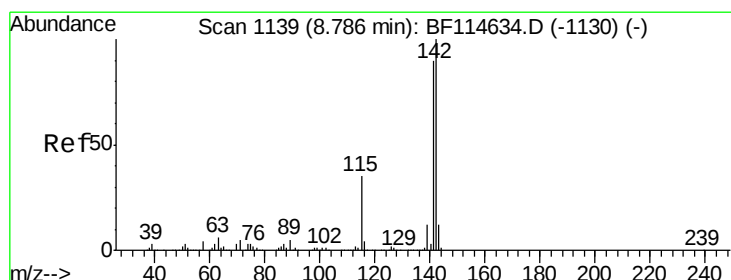
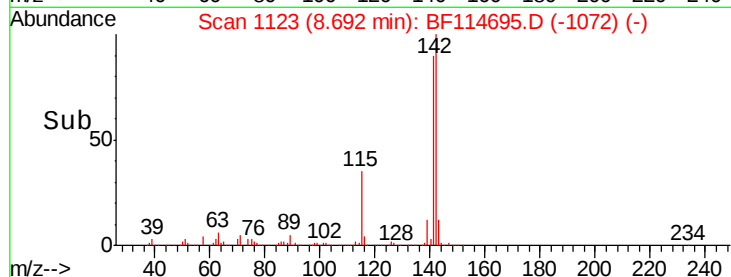
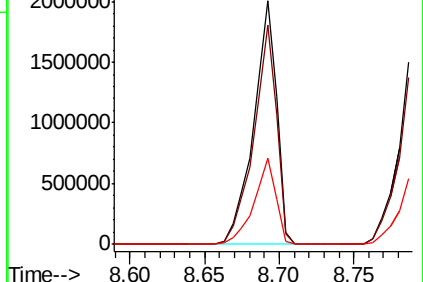
115 35.2 28.4 42.6



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: 38.410 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

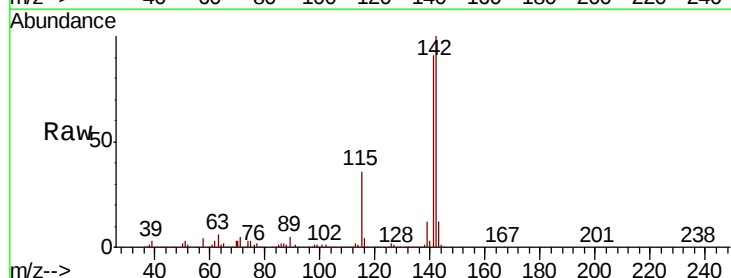
Tgt Ion:142 Resp: 2007386

Ion Ratio Lower Upper

142 100

141 91.3 73.8 110.6

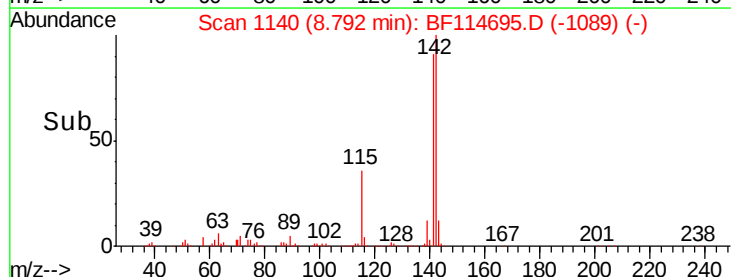
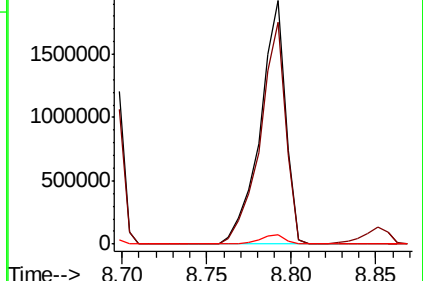
116 3.7 3.2 4.8

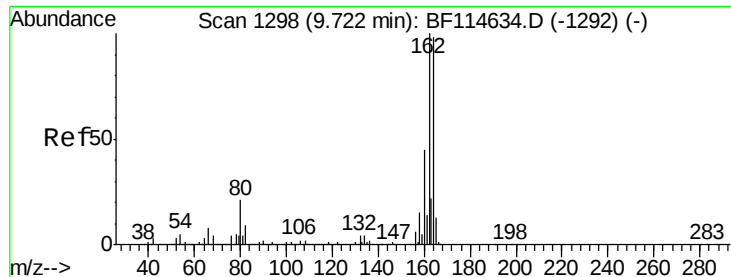


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

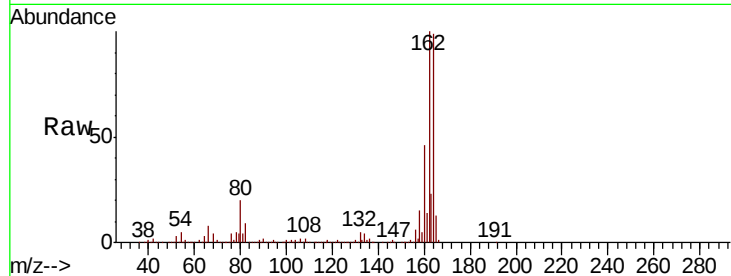
Tot Ion:164 Resp: 909508

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.4

160 46.5 38.2 57.2

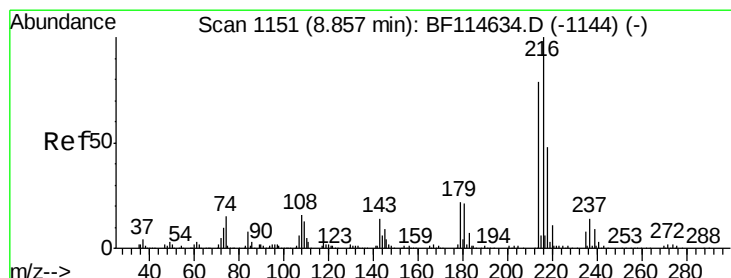
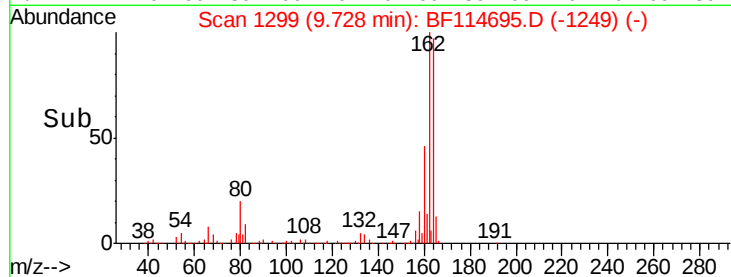
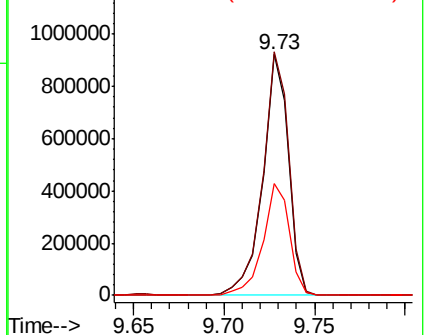


Abundance

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: 36.776 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion:216 Resp: 890743

Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 22.4 18.1 27.1

108 21.0 15.4 23.2

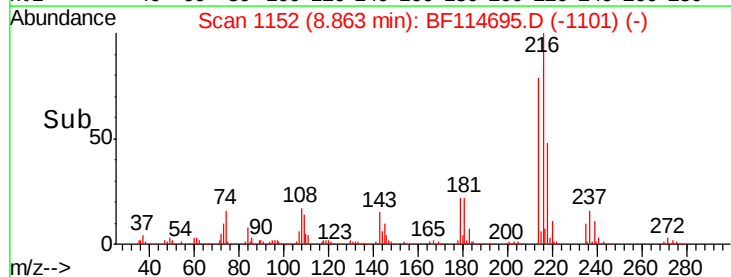
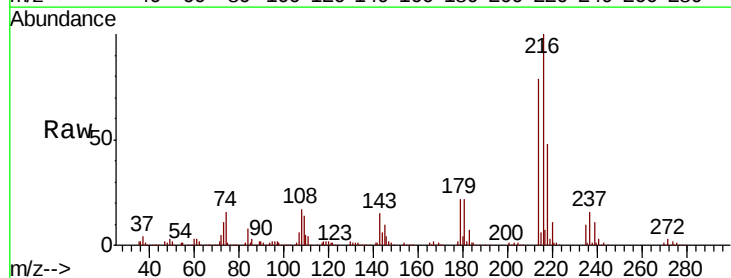
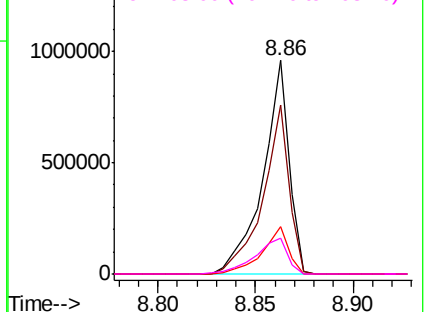
Abundance

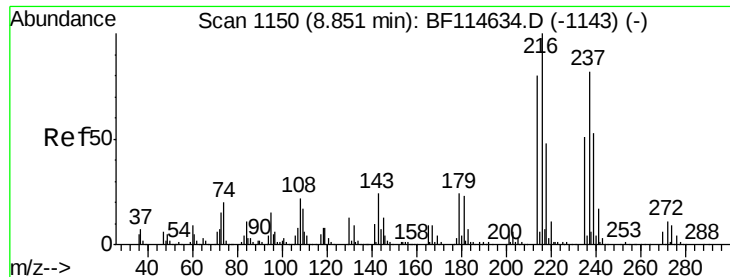
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.353 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampled :

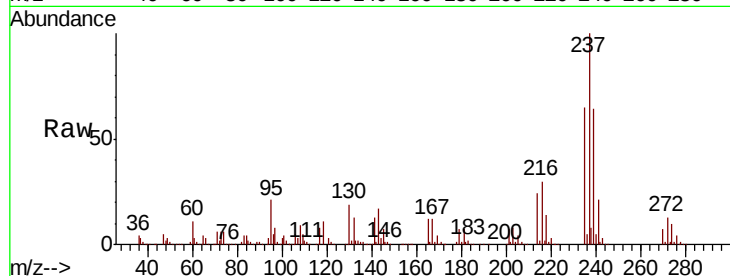
Tot Ion:237 Resp: 1126044

Ion Ratio Lower Upper

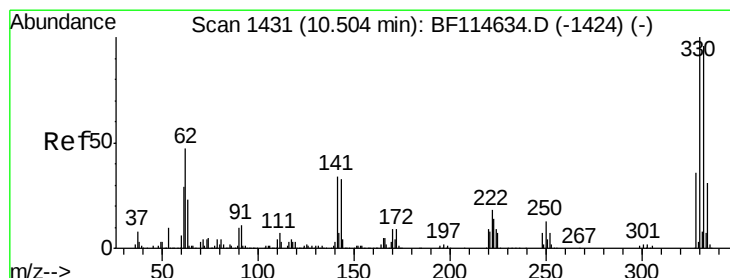
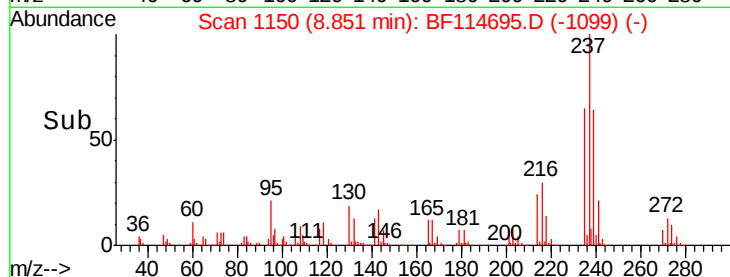
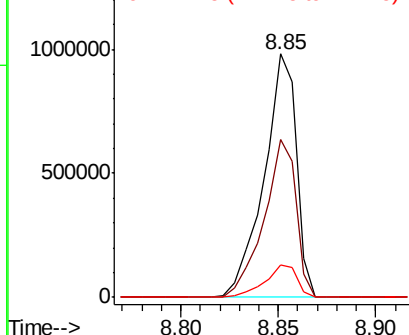
237 100

235 64.9 44.1 84.1

272 13.3 0.0 33.0



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: 111.064 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

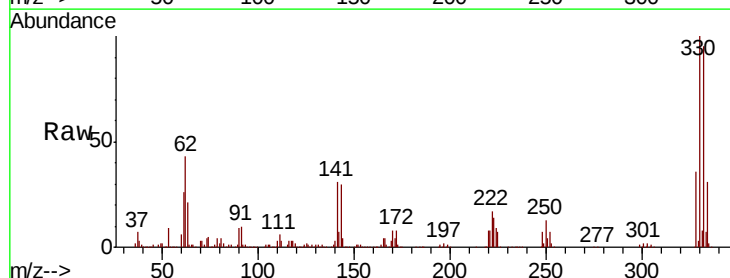
Tgt Ion:330 Resp: 962502

Ion Ratio Lower Upper

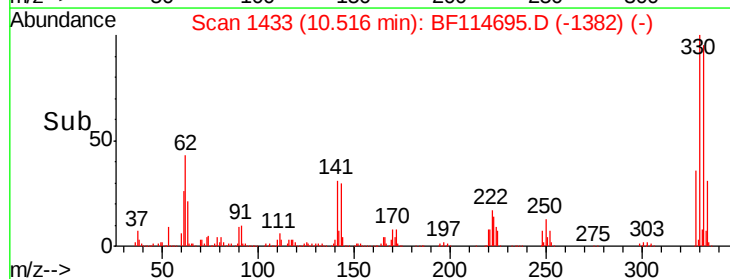
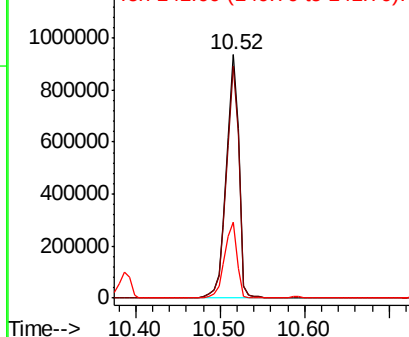
330 100

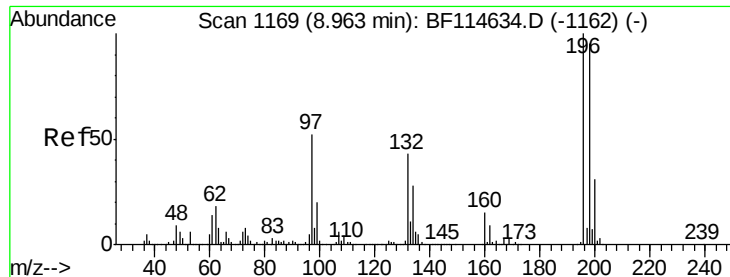
332 95.8 77.1 115.7

141 31.8 26.2 39.2



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

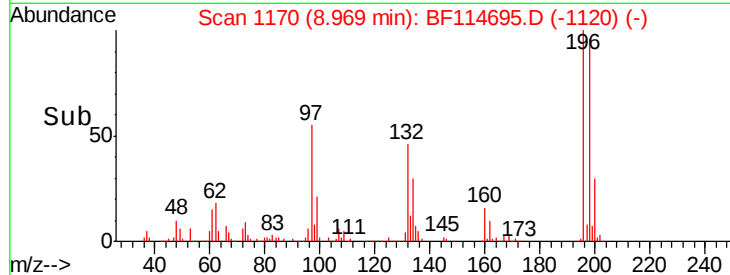
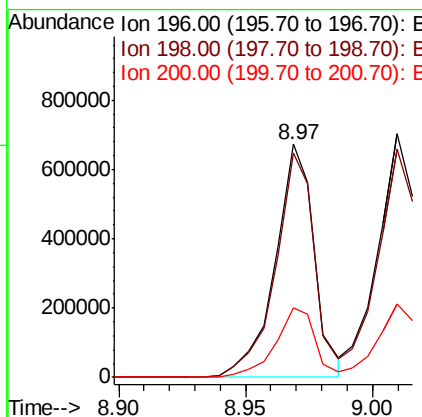
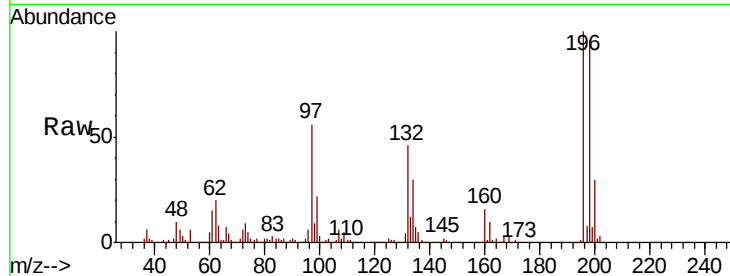




#43
 2,4,6-Trichlorophenol
 Concen: 38.105 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

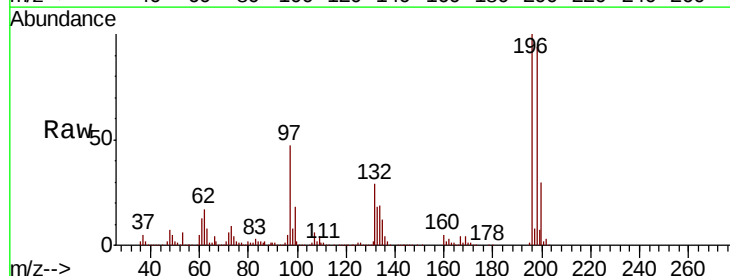
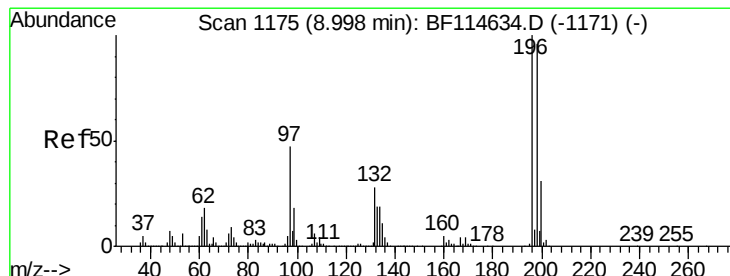
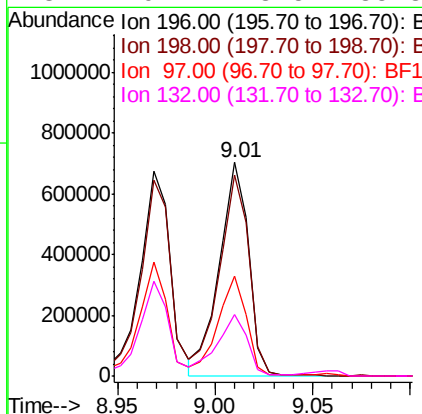
Instrument :
 BNA_F
 ClientSampleId :

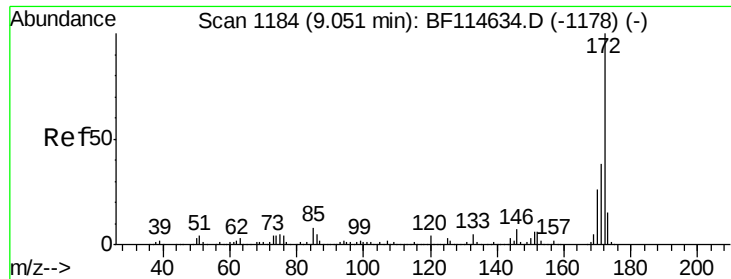
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.0	115.6
200	30.0	25.4	38.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.414 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.3	114.5
97	46.8	37.8	56.8
132	29.1	23.5	35.3

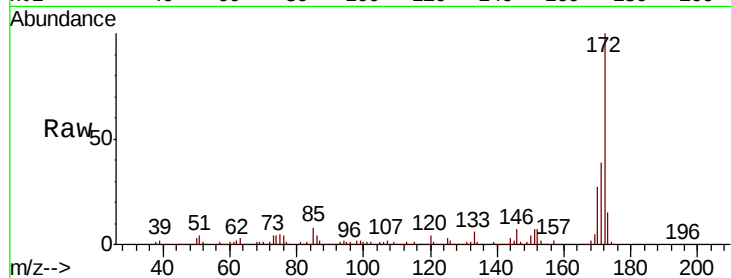




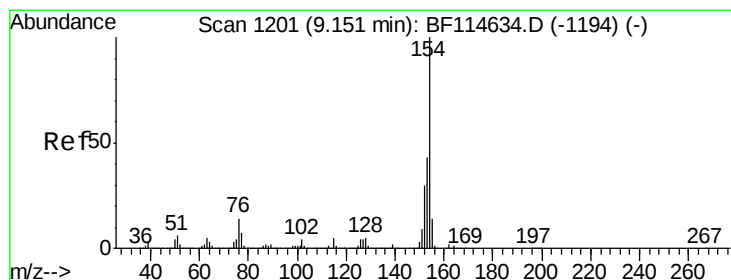
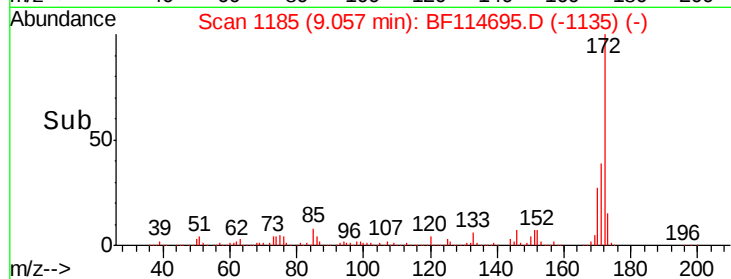
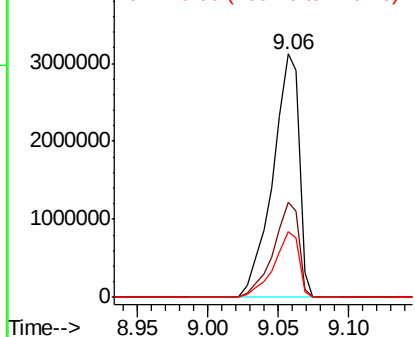
#45
 2-Fluorobiphenyl
 Concen: 84.414 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 4092426
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.6 47.4
 170 26.8 21.5 32.3

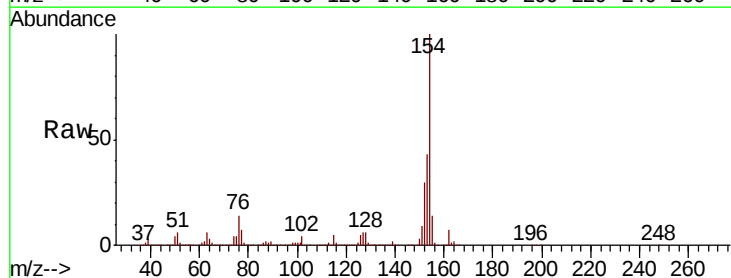


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

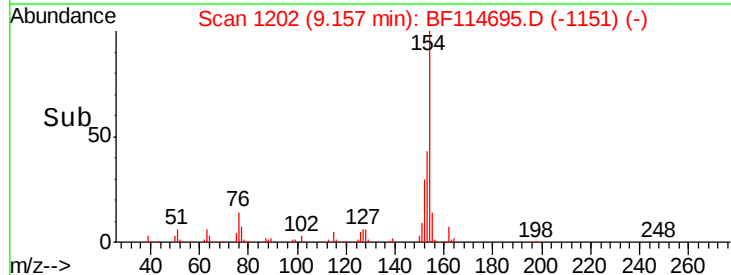
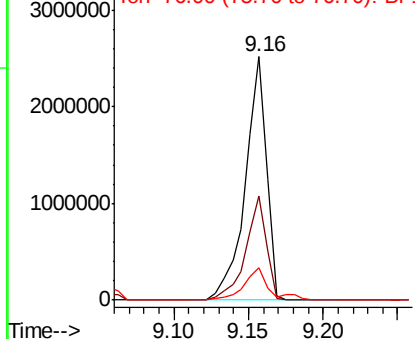


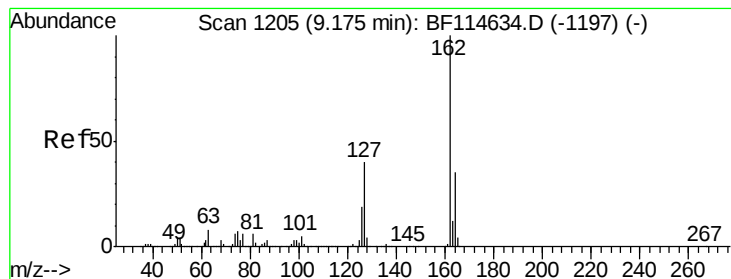
#46
 1,1'-Biphenyl
 Concen: 36.514 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion:154 Resp: 2465207
 Ion Ratio Lower Upper
 154 100
 153 42.9 23.3 63.3
 76 13.5 0.0 34.4



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: 35.875 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

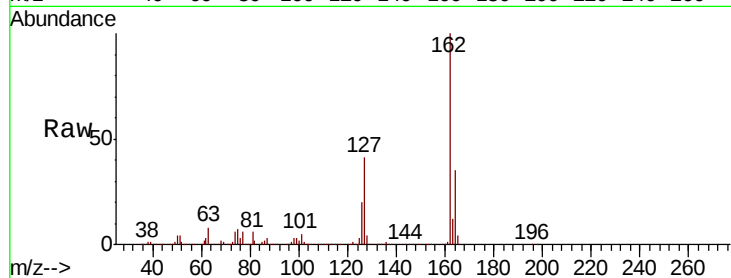
Tot Ion:162 Resp: 1986799

Ion Ratio Lower Upper

162 100

127 41.2 34.8 52.2

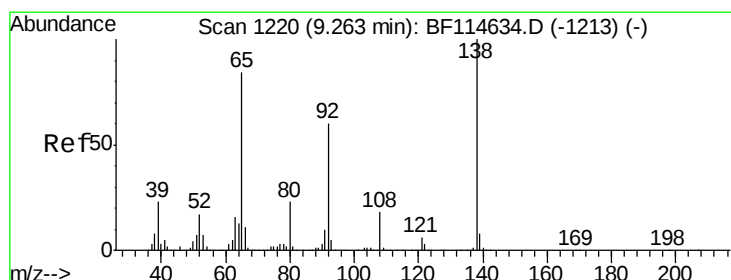
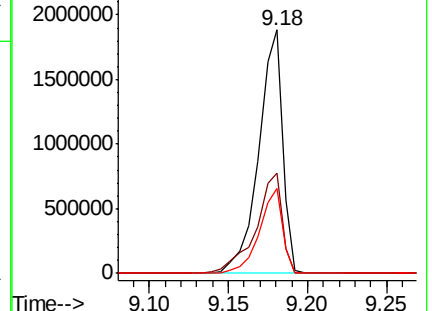
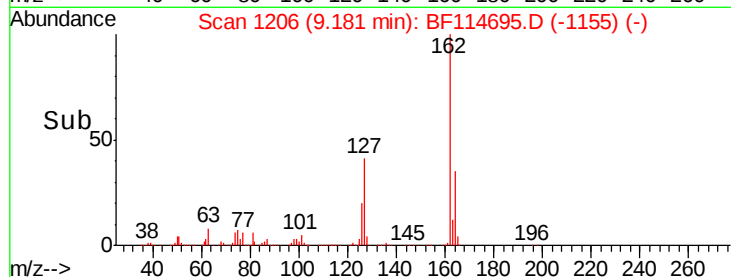
164 34.6 28.5 42.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 34.345 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

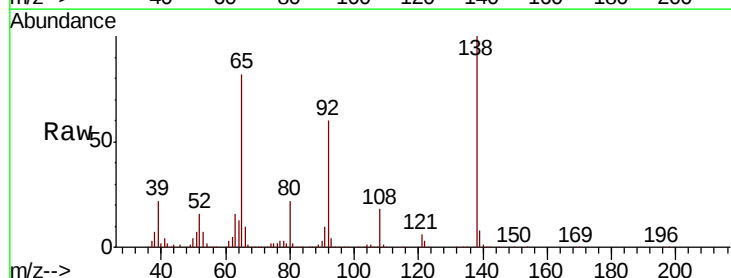
Tgt Ion: 65 Resp: 586963

Ion Ratio Lower Upper

65 100

92 73.4 60.2 90.4

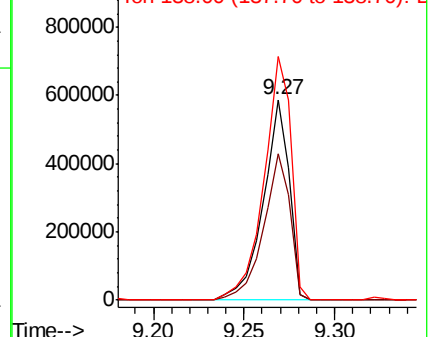
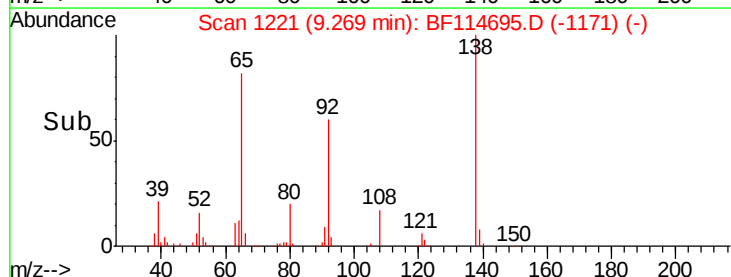
138 121.6 107.2 160.8

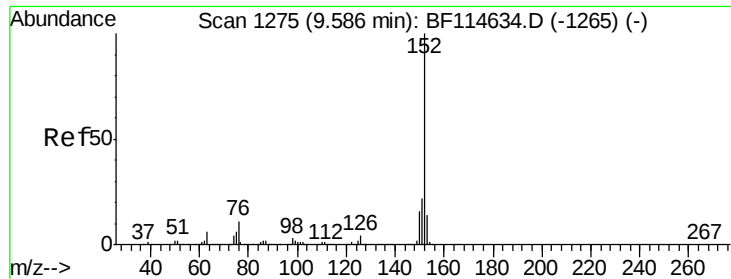


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.437 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

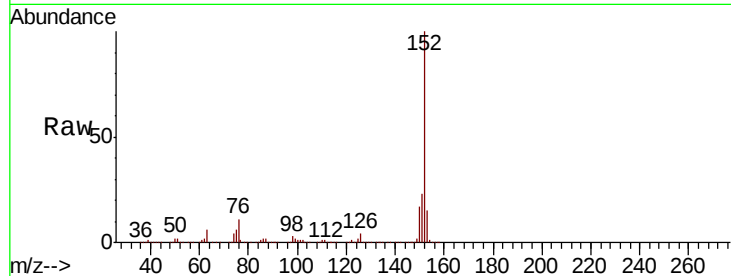
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3031859

Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.3	27.5
153	14.9	12.2	18.4

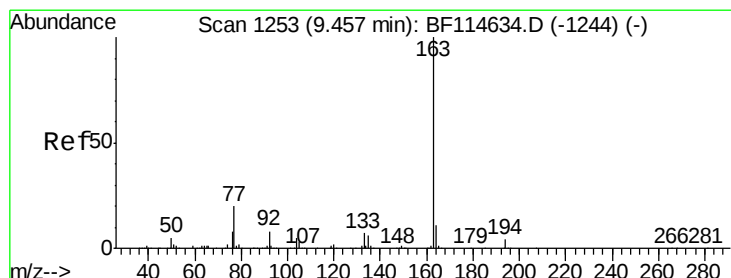
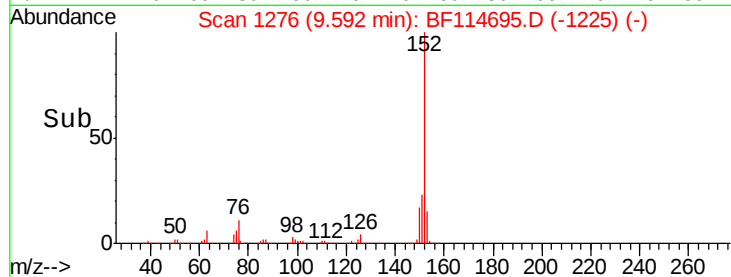
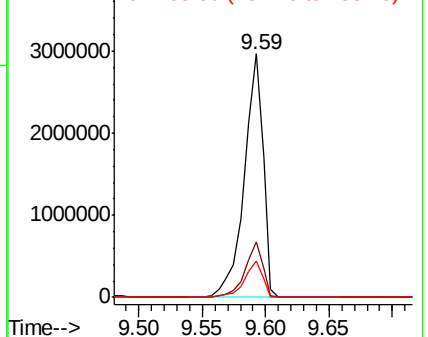


Abundance

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: 36.014 ng

RT: 9.46 min Scan# 1254

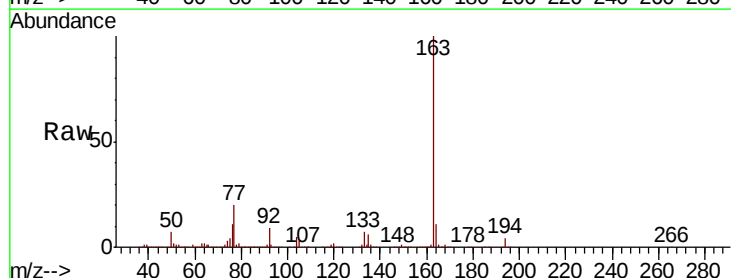
Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion:163 Resp: 2282410

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.8	9.1	13.7

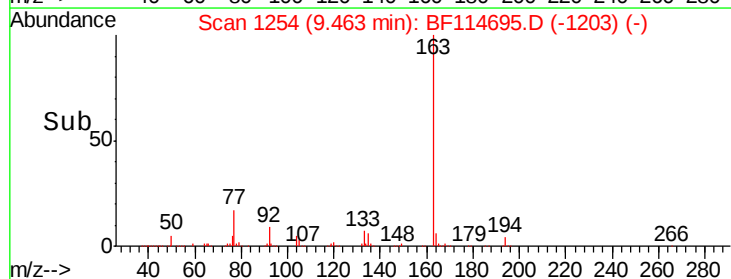
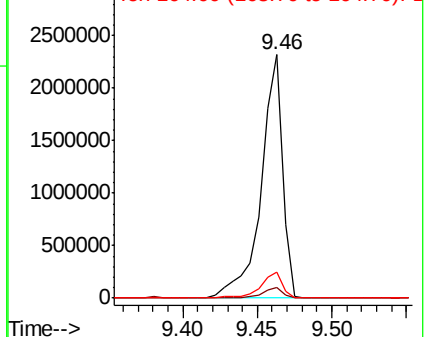


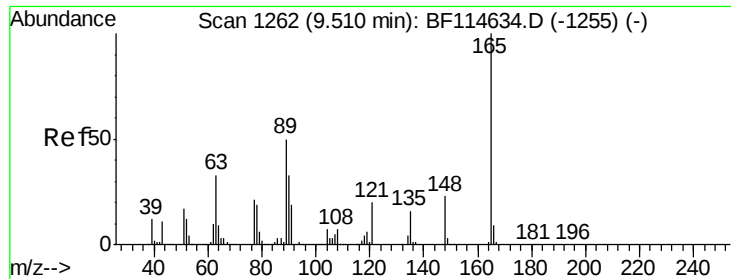
Abundance

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

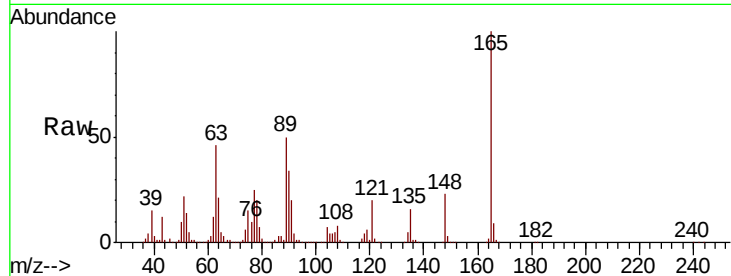




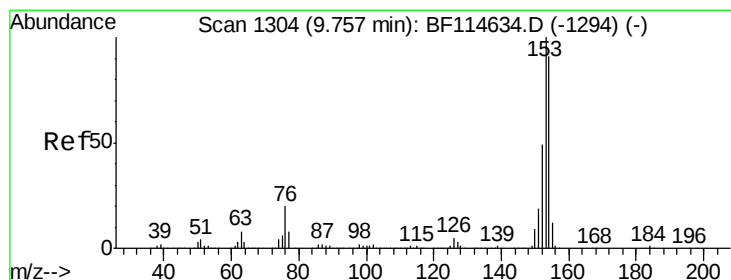
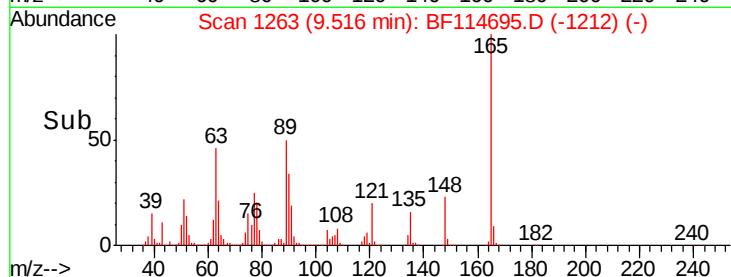
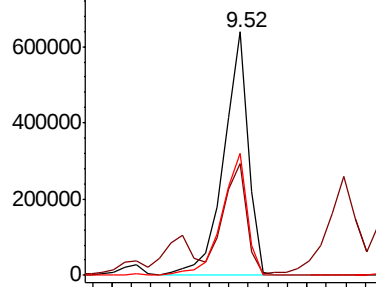
#51
 2,6-Dinitrotoluene
 Concen: 37.658 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	40.7	61.1
89	50.2	42.6	63.8

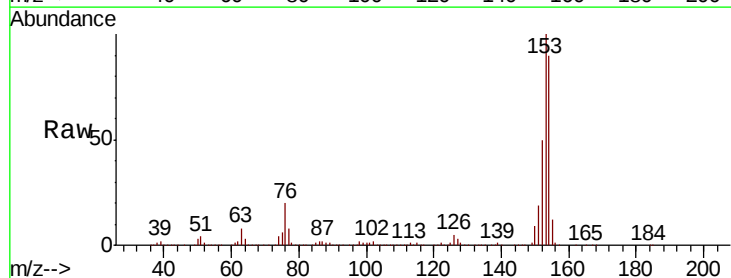


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

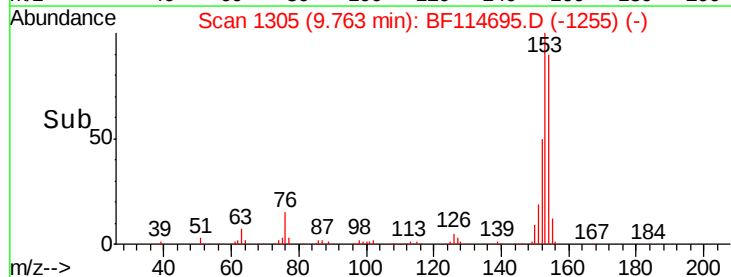
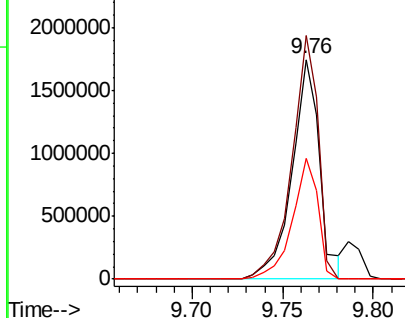


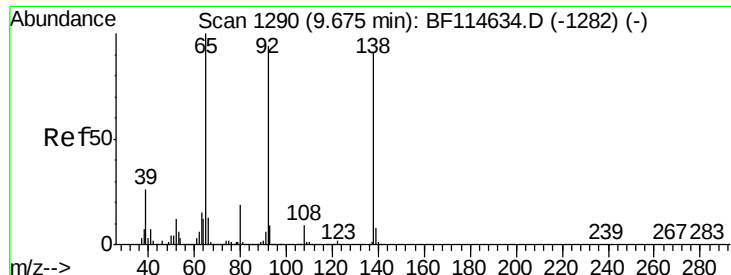
#52
 Acenaphthene
 Concen: 35.620 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.0	133.6
152	55.0	43.8	65.6



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

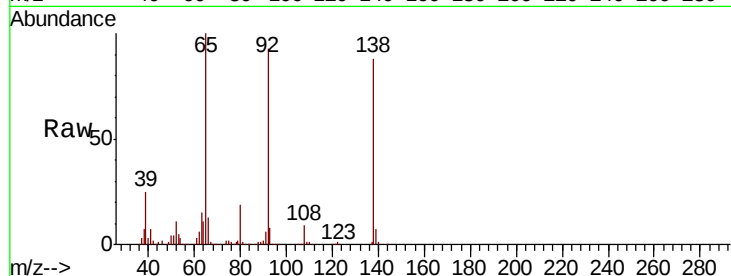




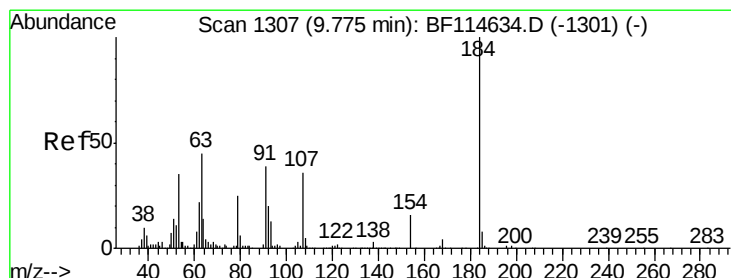
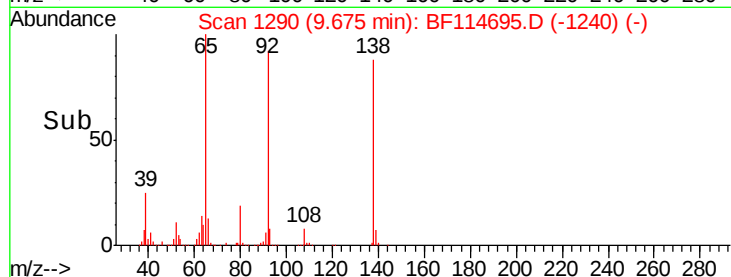
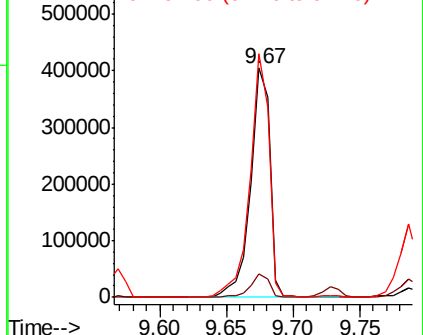
#53
3-Nitroaniline
Concen: 22.122 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 398714
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.1 84.2 126.4

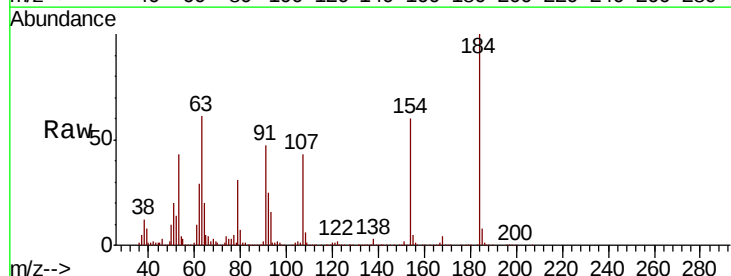


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

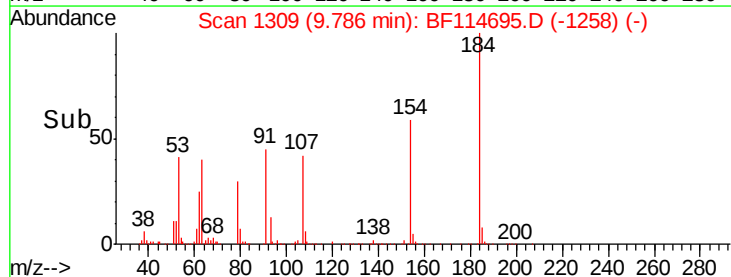
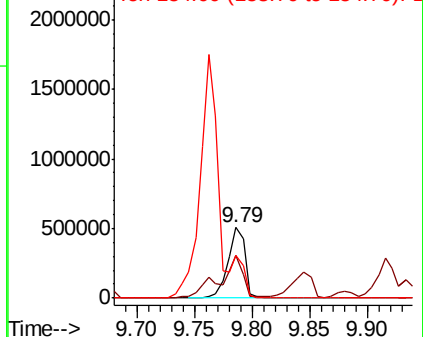


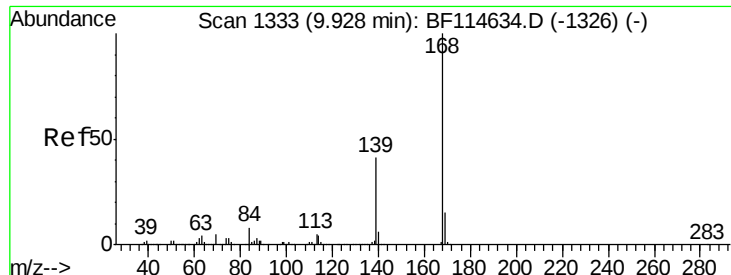
#54
2,4-Dinitrophenol
Concen: 88.949 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:184 Resp: 516673
Ion Ratio Lower Upper
184 100
63 60.8 47.2 70.8
154 59.6 46.7 70.1



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

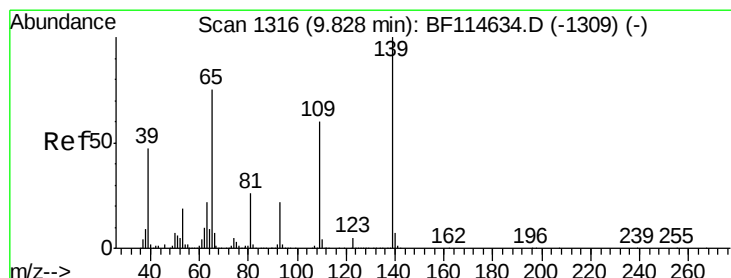
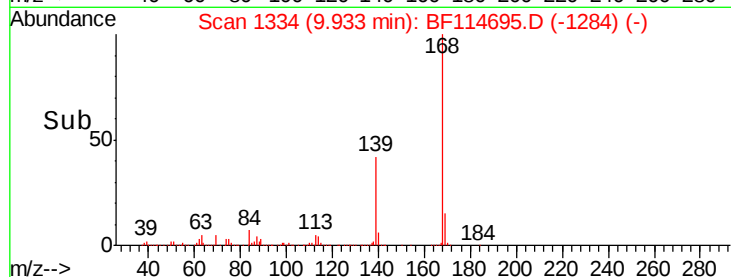
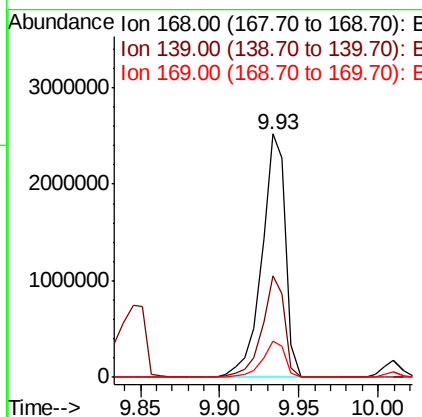
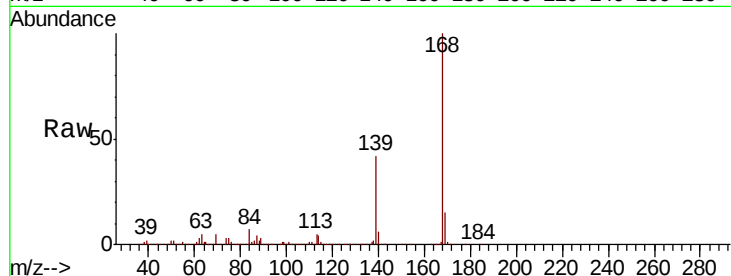




#55
Dibenzofuran
Concen: 35.110 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

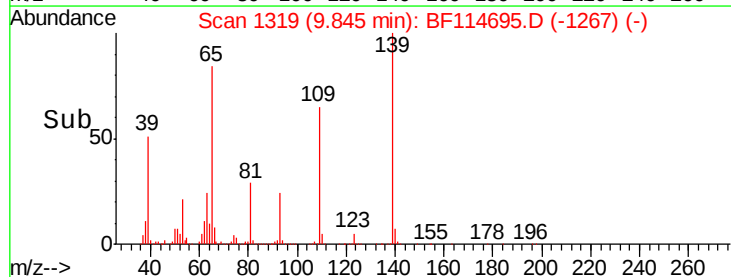
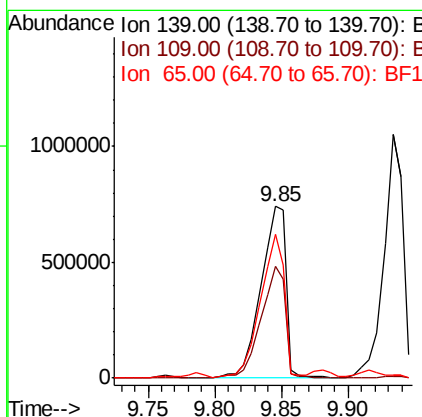
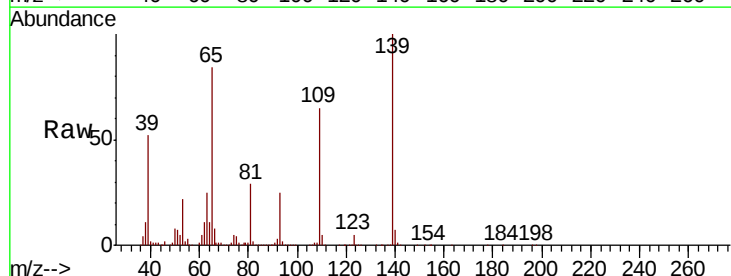
Instrument :
BNA_F
ClientSampleId :

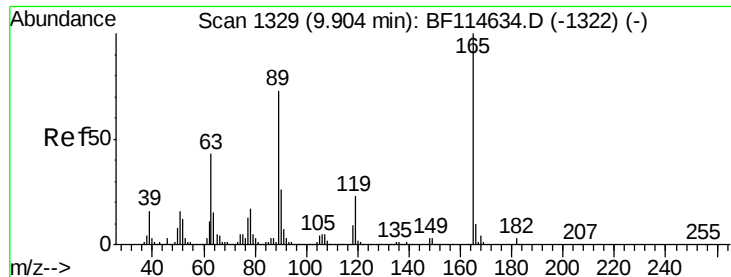
Tot Ion:168 Resp: 2622364
Ion Ratio Lower Upper
168 100
139 41.7 32.2 48.4
169 15.0 11.8 17.6



#56
4-Nitrophenol
Concen: 71.516 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:139 Resp: 955189
Ion Ratio Lower Upper
139 100
109 65.4 41.9 81.9
65 84.1 62.7 102.7

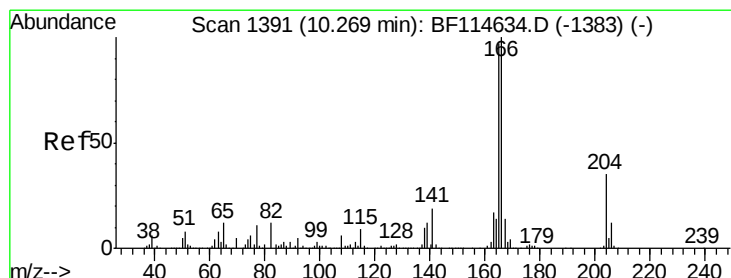
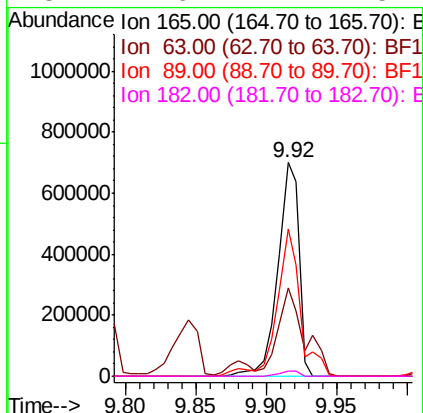
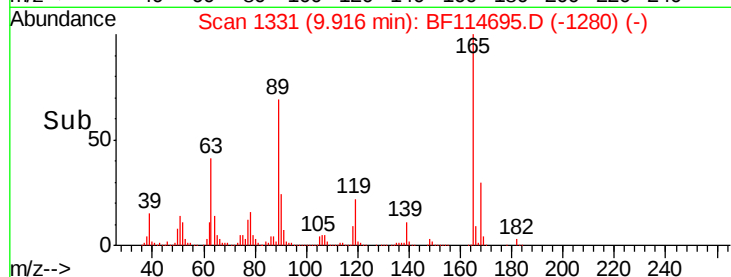
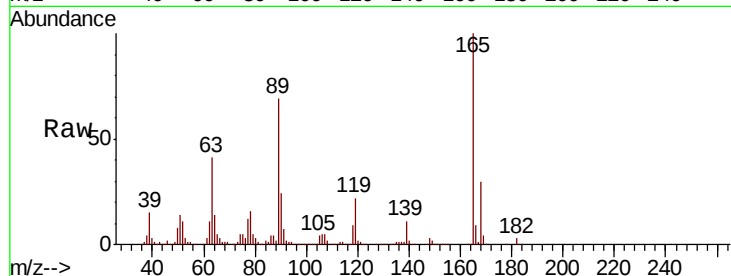




#57
 2,4-Dinitrotoluene
 Concen: 38.409 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

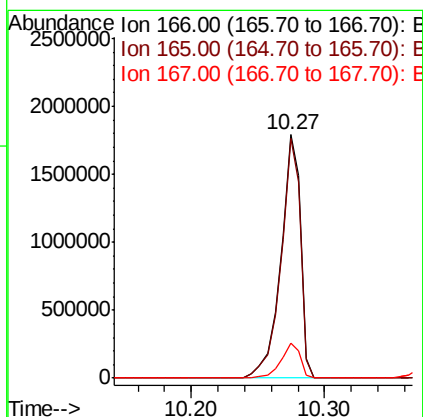
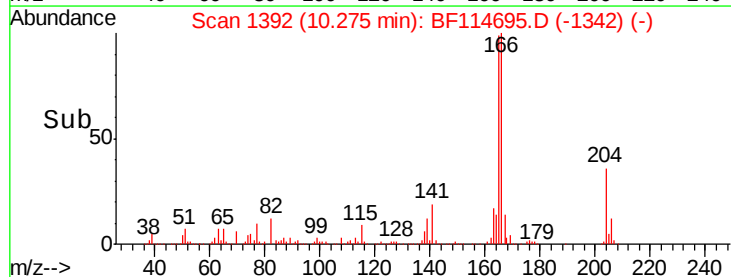
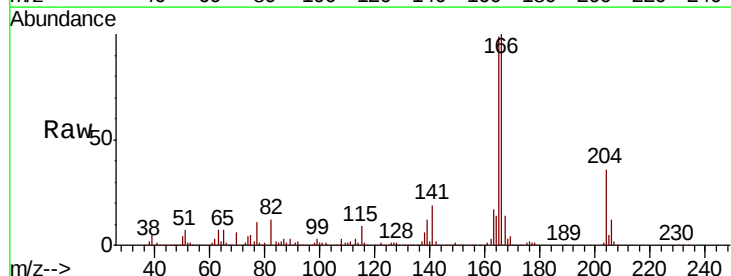
Instrument :
 BNA_F
 ClientSampleId :

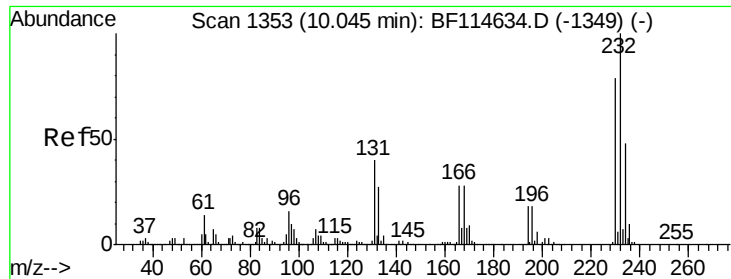
Tot Ion:	165	Resp:	725917
Ion	Ratio	Lower	Upper
165	100		
63	41.3	32.5	48.7
89	68.9	54.9	82.3
182	2.6	2.2	3.2



#58
 Fluorene
 Concen: 35.463 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion:	166	Resp:	1860078
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	118.0
167	14.3	10.7	16.1

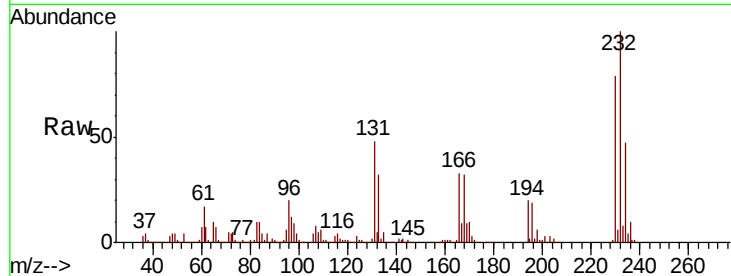




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.145 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.2	54.2
130	2.1	1.8	2.6
166	30.9	24.1	36.1



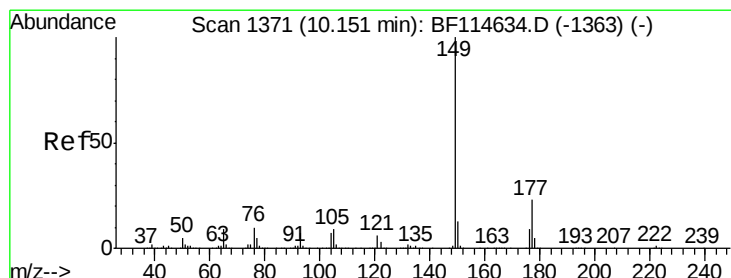
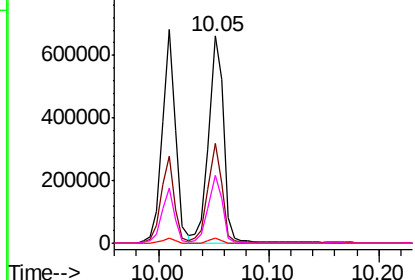
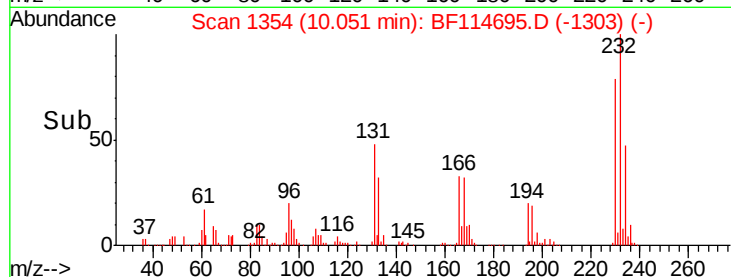
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

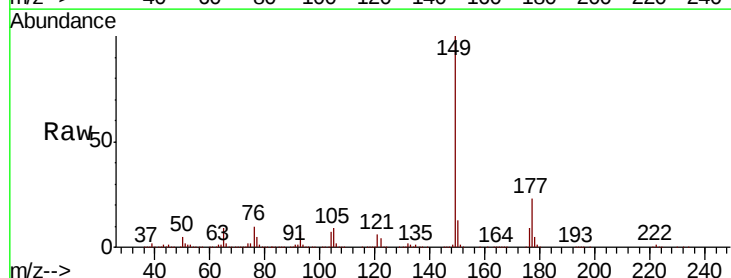
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 35.279 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.0	28.6
150	13.4	10.9	16.3

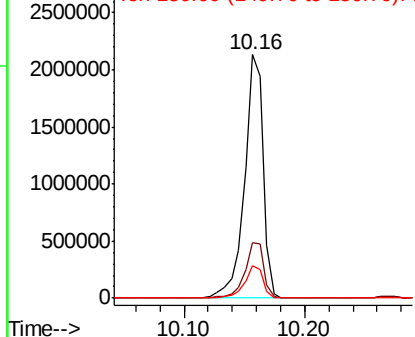
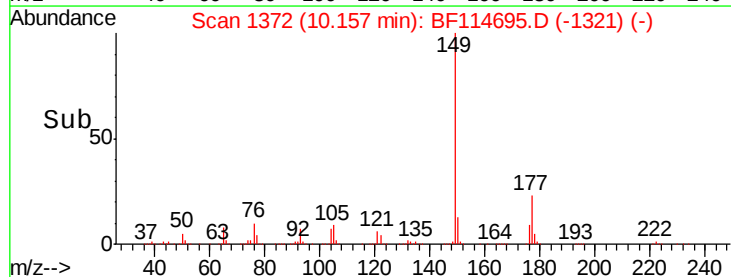


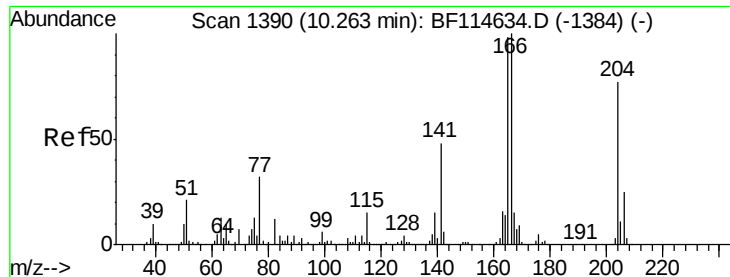
Abundance

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

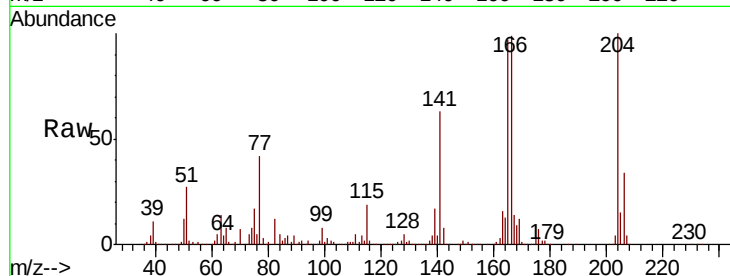




#61
4-Chlorophenyl-phenylether
Concen: 35.520 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	63.3	50.2	75.4

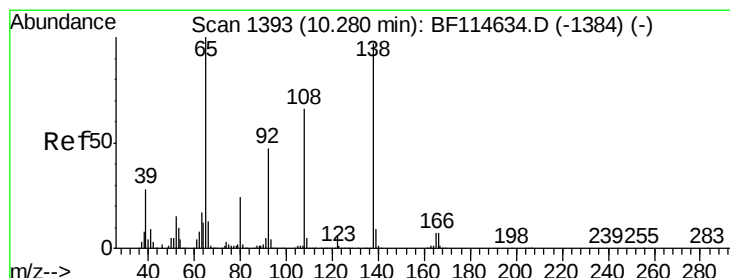
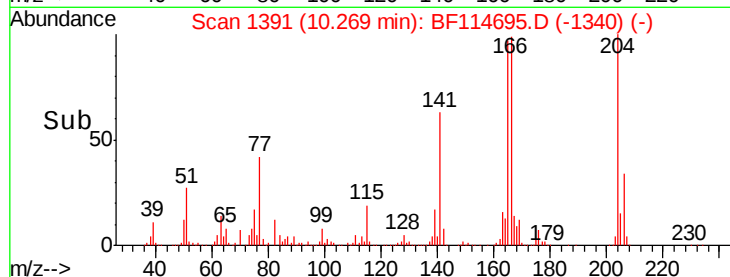
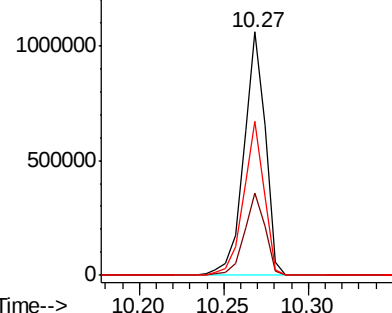


Abundance

Ion 204.00 (203.70 to 204.70): E

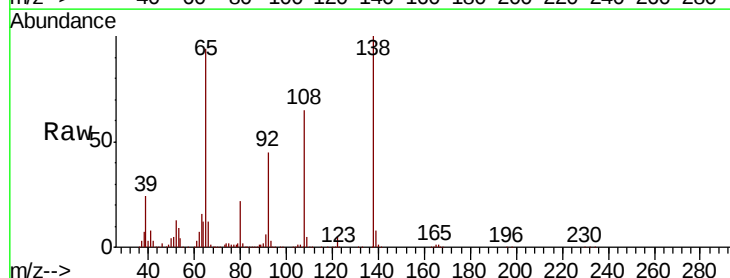
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.135 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	27.1	67.1
108	64.7	45.4	85.4

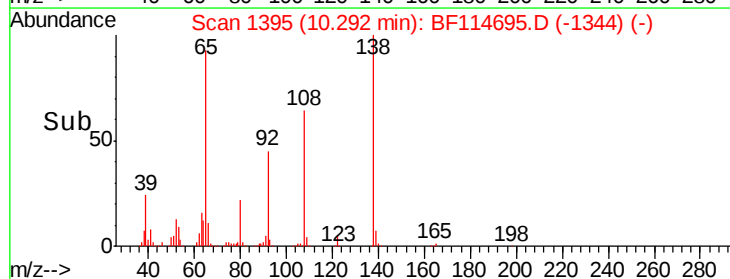
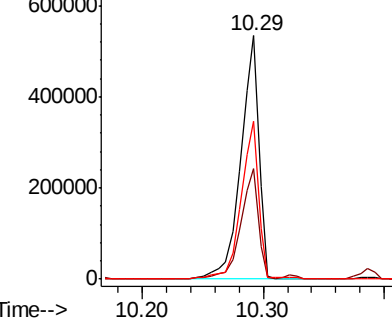


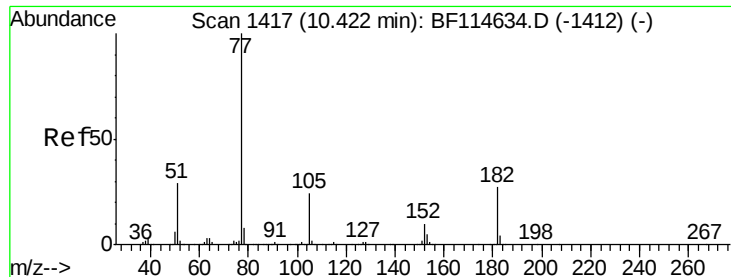
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.438 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2046620

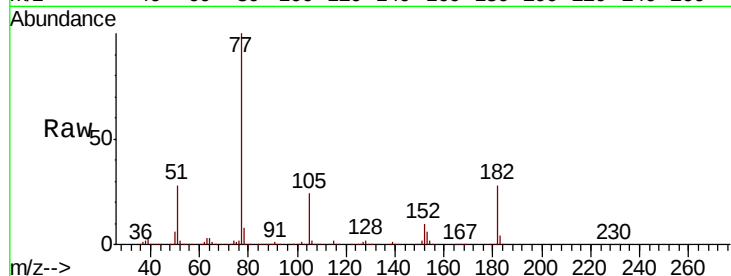
Ion Ratio Lower Upper

77 100

182 28.3 8.1 48.1

105 24.4 4.7 44.7

51 28.1 8.6 48.6

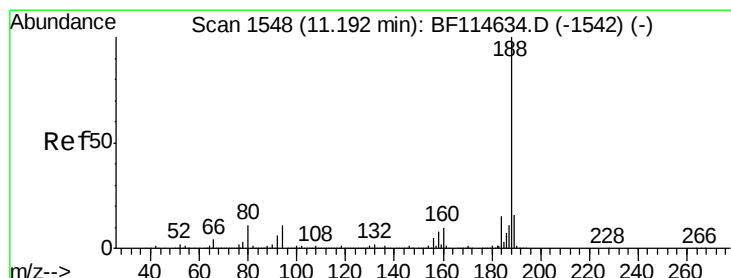
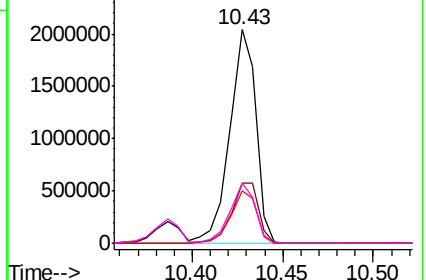
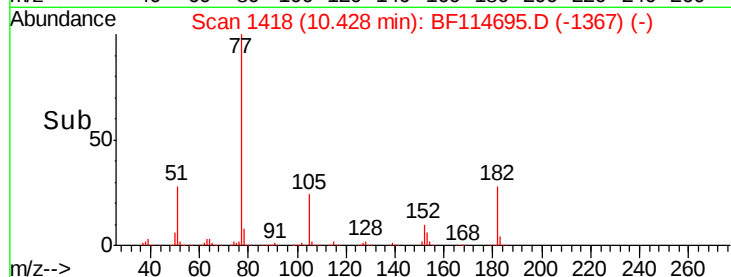


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

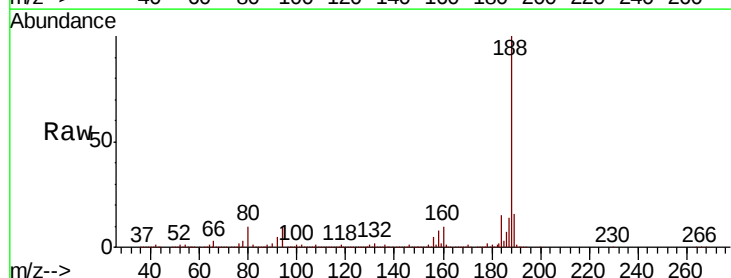
Tgt Ion: 188 Resp: 1697997

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

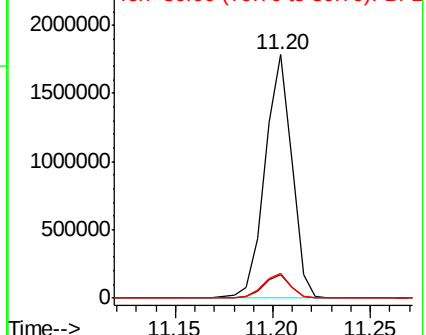
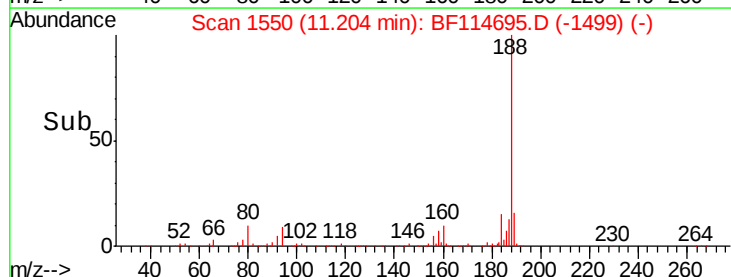
80 10.0 8.2 12.2

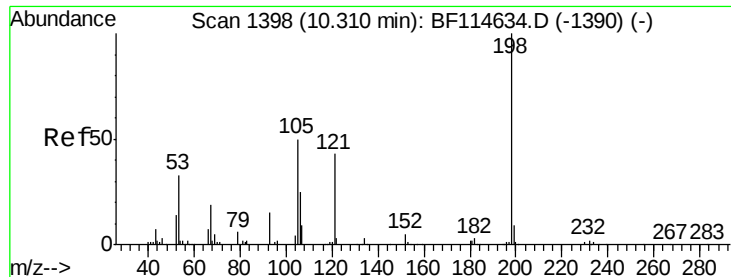


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.894 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

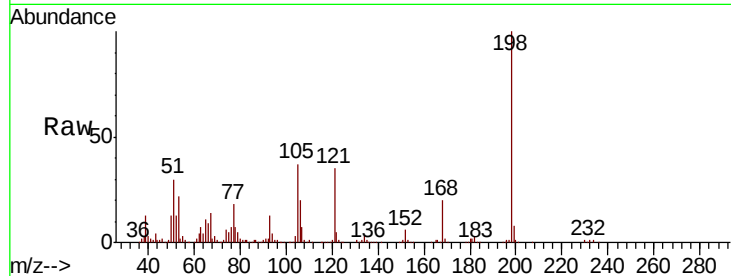
Tot Ion:198 Resp: 315425

Ion Ratio Lower Upper

198 100

51 30.2 16.4 56.4

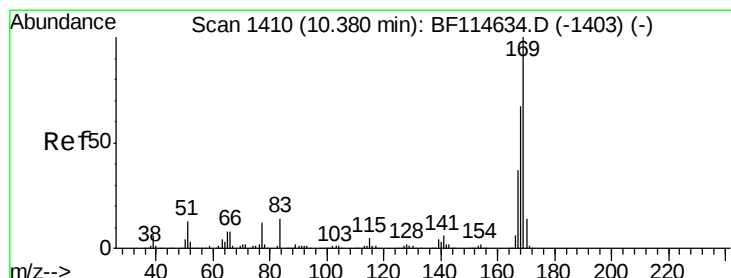
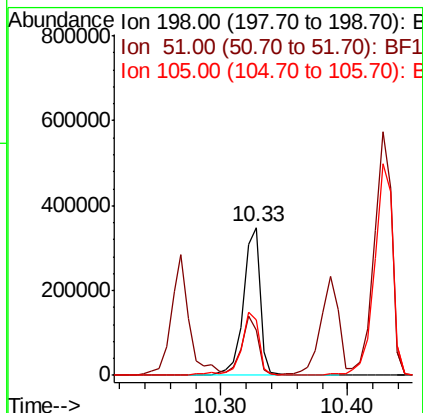
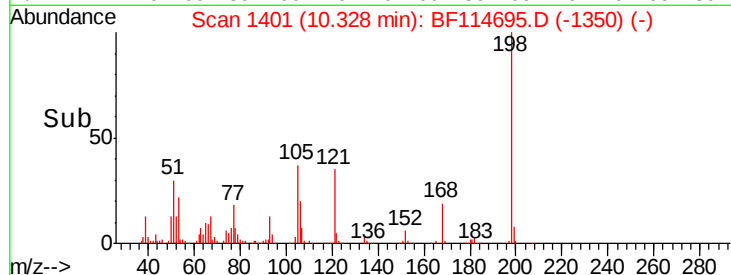
105 37.4 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.285 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

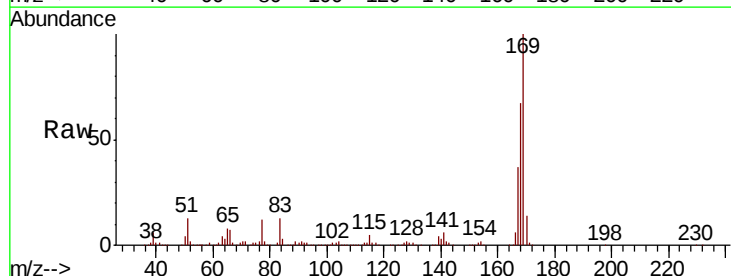
Tgt Ion:169 Resp: 1870490

Ion Ratio Lower Upper

169 100

168 67.4 54.0 81.0

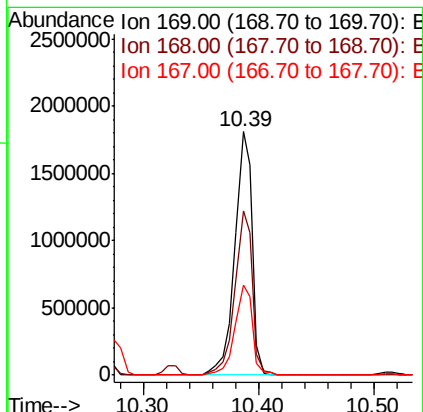
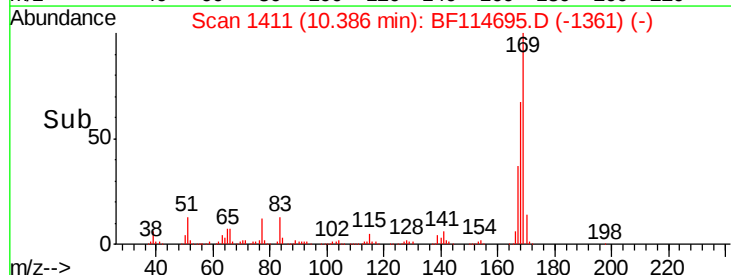
167 37.1 29.9 44.9

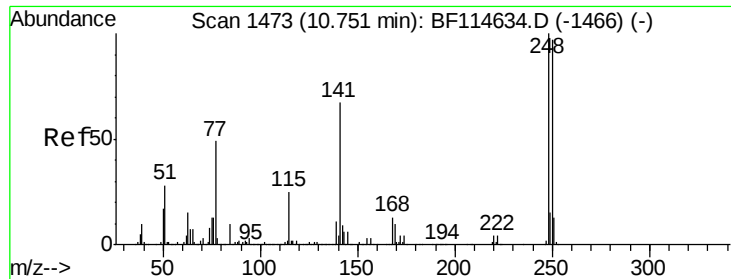


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

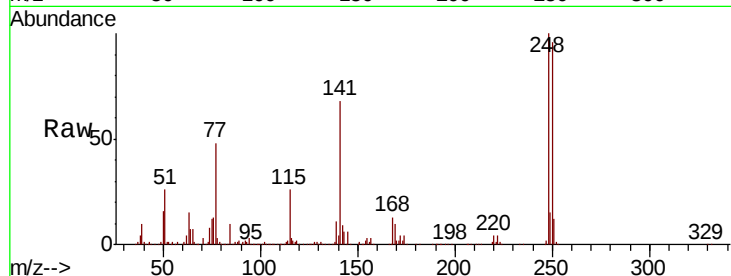




#67
4-Bromophenyl-phenylether
Concen: 35.766 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.8	115.2
141	68.3	56.6	84.8

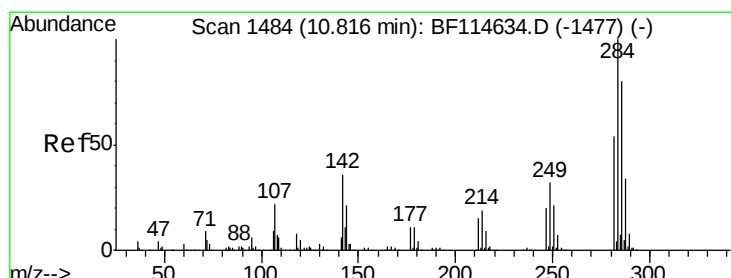
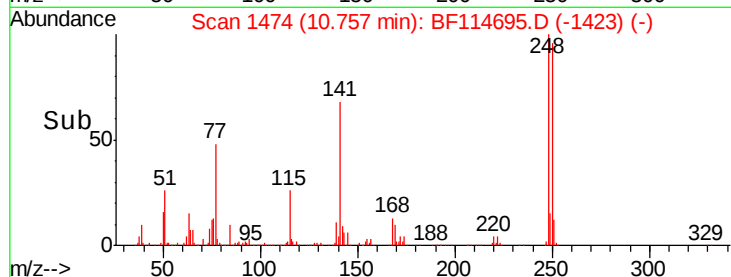
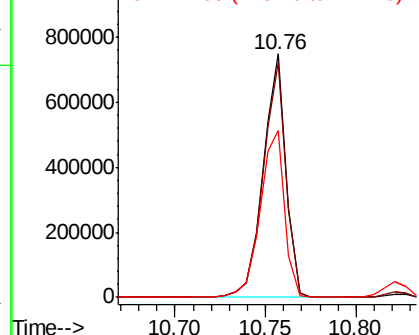


Abundance

Ion 248.00 (247.70 to 248.70): E

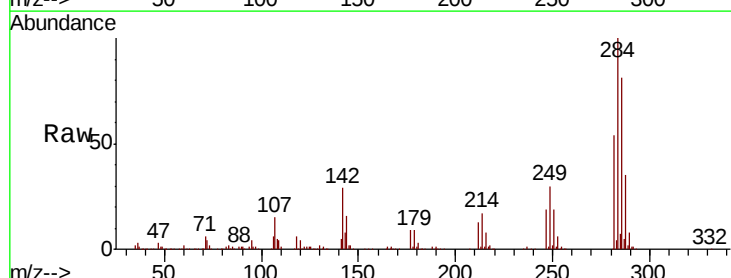
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.098 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.0	37.6
249	30.1	25.1	37.7

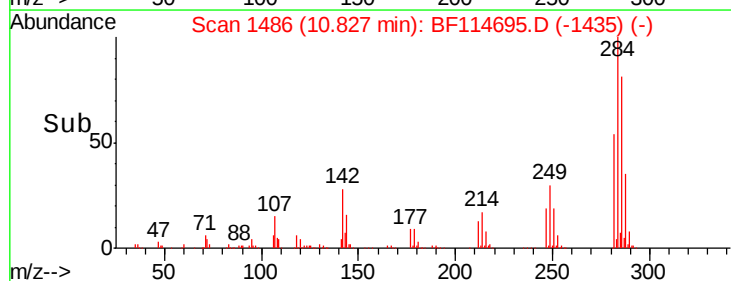
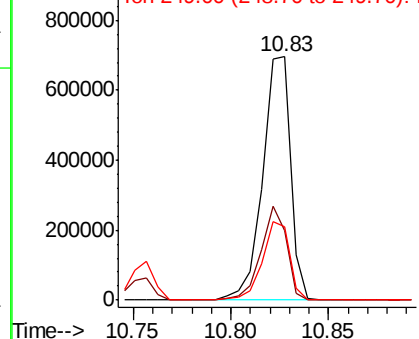


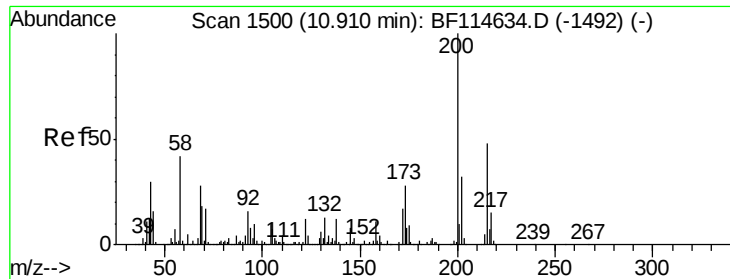
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

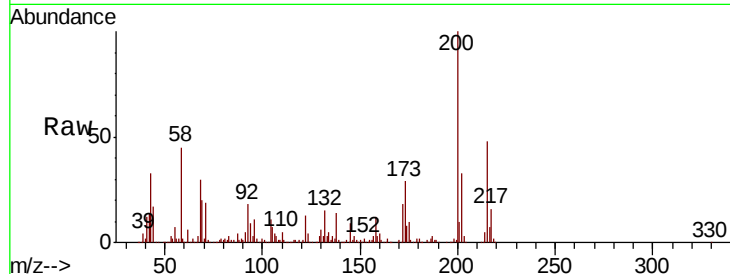




#69
 Atrazine
 Concen: 36.948 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.5	48.5
215	47.7	27.2	67.2

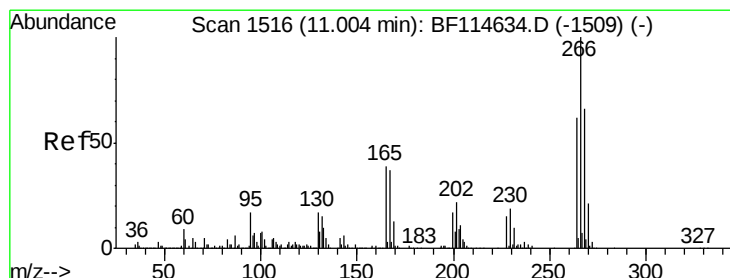
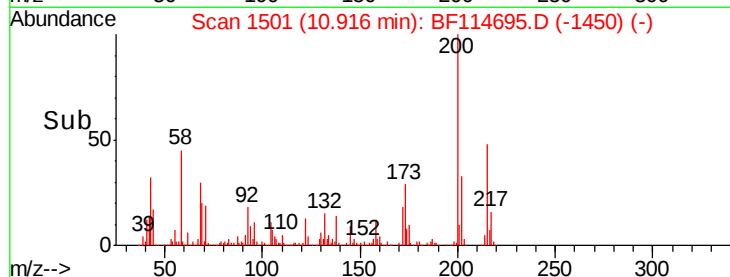
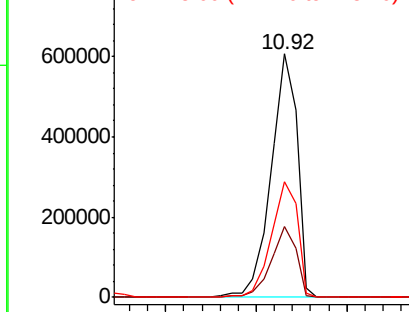


Abundance

Ion 200.00 (199.70 to 200.70): E

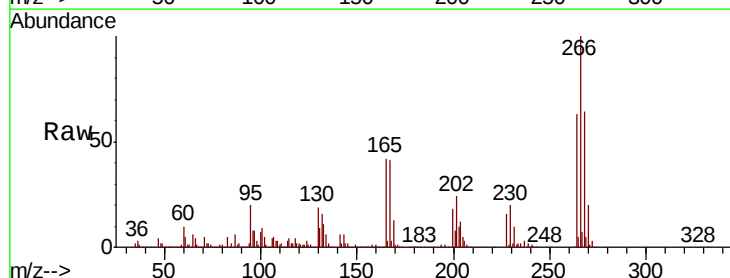
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 68.354 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF114695.D
 Acq: 31 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.6	78.8
264	63.4	49.6	74.4

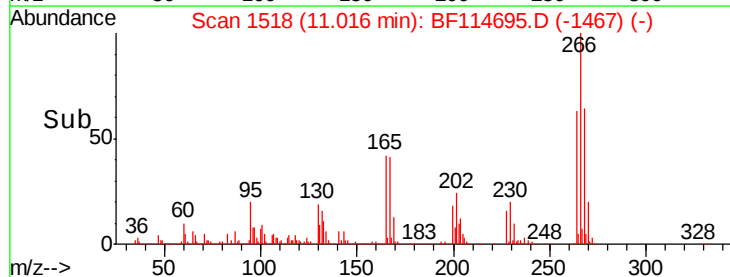
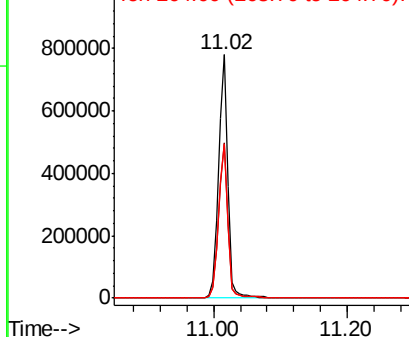


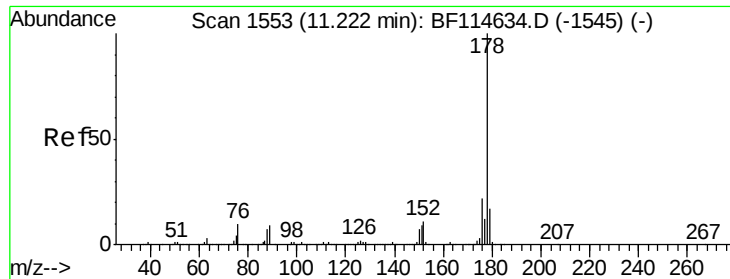
Abundance

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

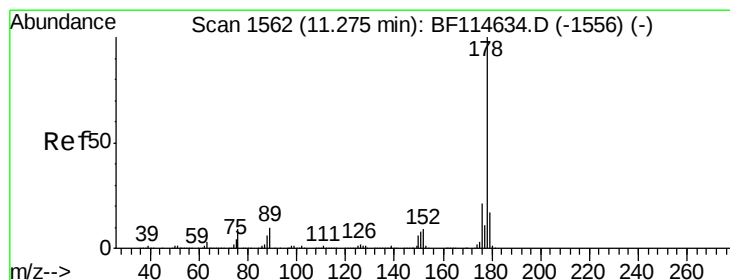
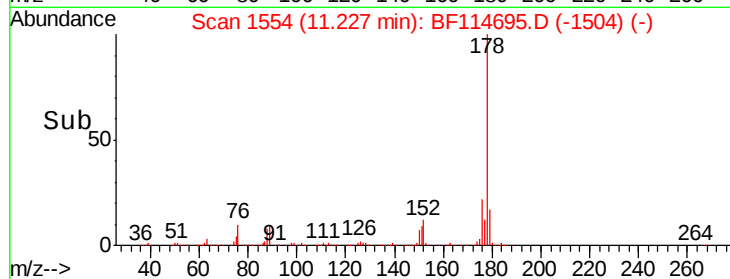
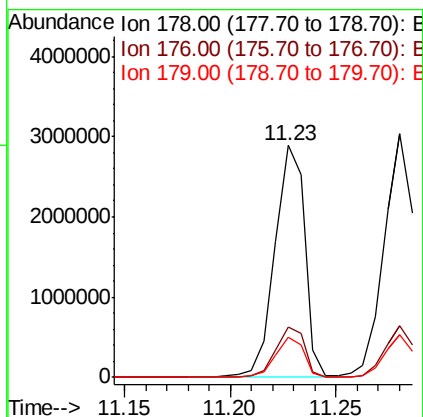
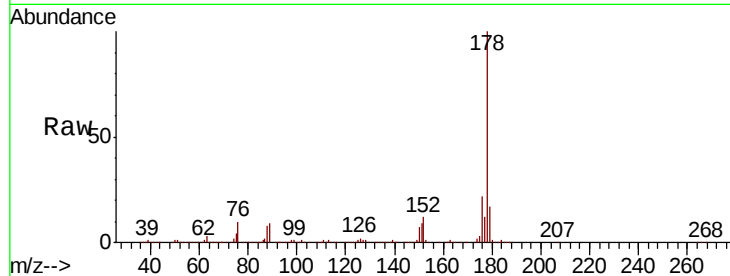




#71
Phenanthrene
Concen: 33.020 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

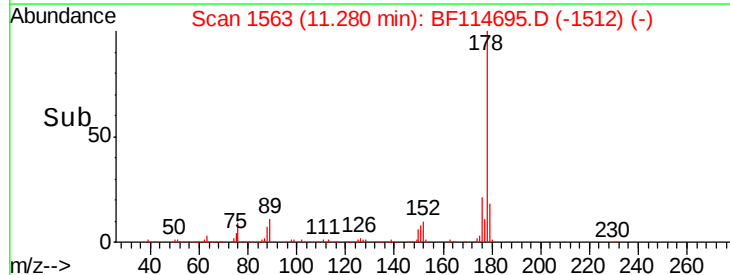
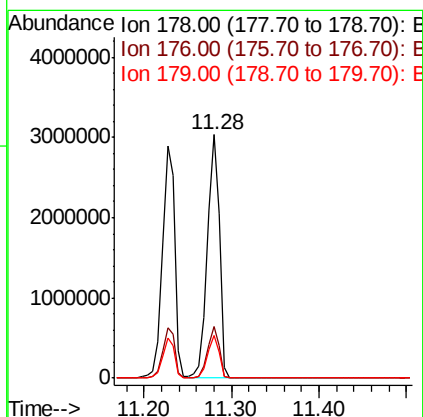
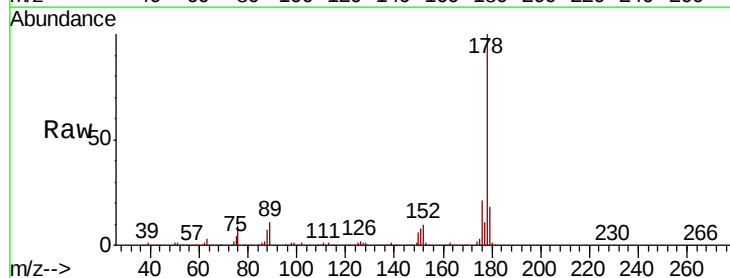
Instrument :
BNA_F
ClientSampleId :

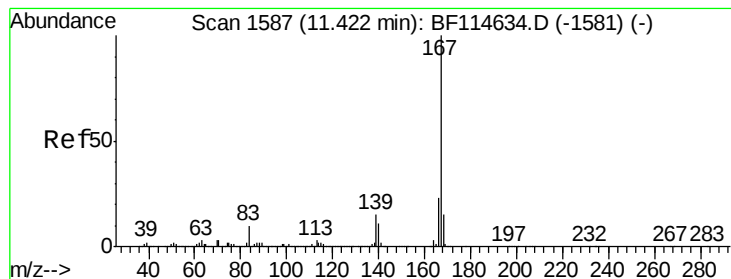
Tot Ion:178 Resp: 2860141
Ion Ratio Lower Upper
178 100
176 21.6 17.4 26.2
179 17.4 13.6 20.4



#72
Anthracene
Concen: 33.394 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:178 Resp: 2927480
Ion Ratio Lower Upper
178 100
176 21.2 17.1 25.7
179 17.7 14.2 21.2





#73

Carbazole

Concen: 34.015 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

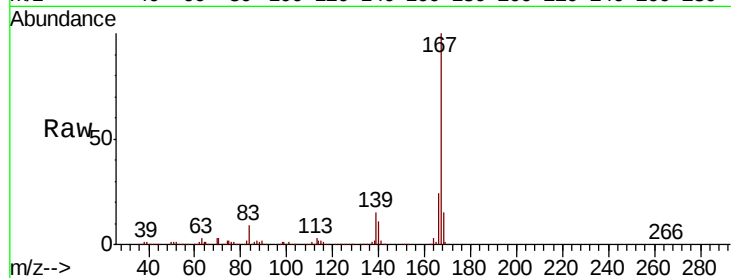
Tot Ion:167 Resp: 2620718

Ion Ratio Lower Upper

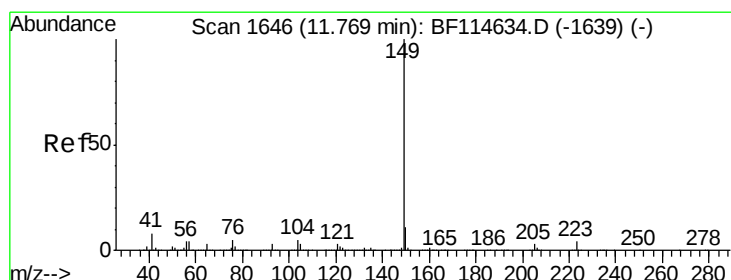
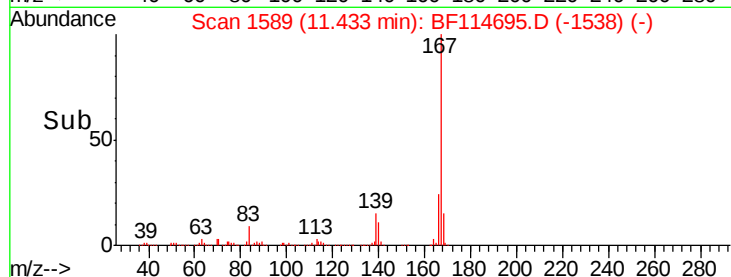
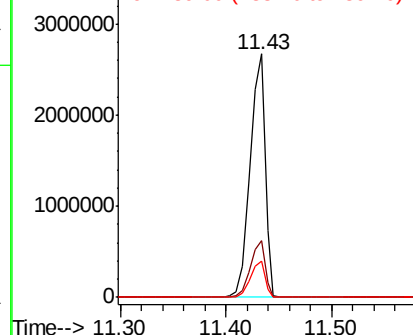
167 100

166 23.5 19.0 28.4

139 14.7 11.9 17.9



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: 32.466 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

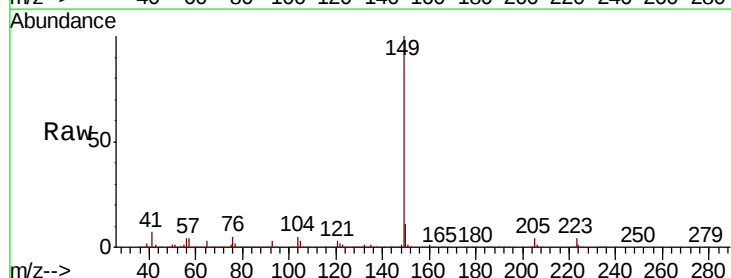
Tgt Ion:149 Resp: 3249791

Ion Ratio Lower Upper

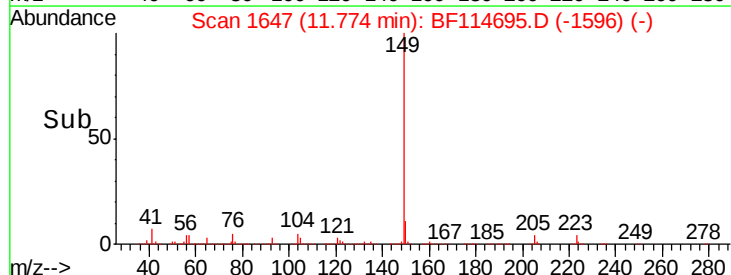
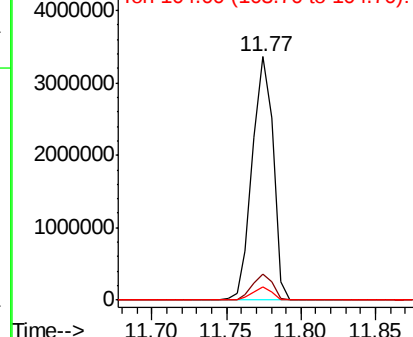
149 100

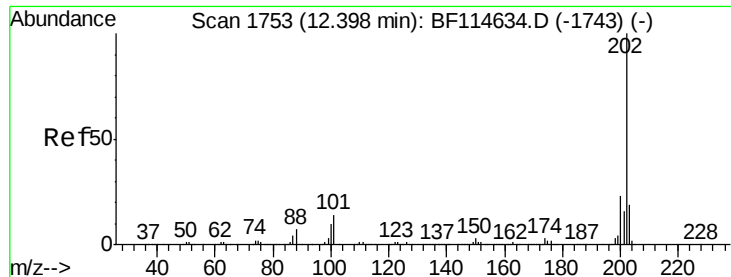
150 10.8 9.0 13.6

104 5.3 4.6 6.8



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: 31.499 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

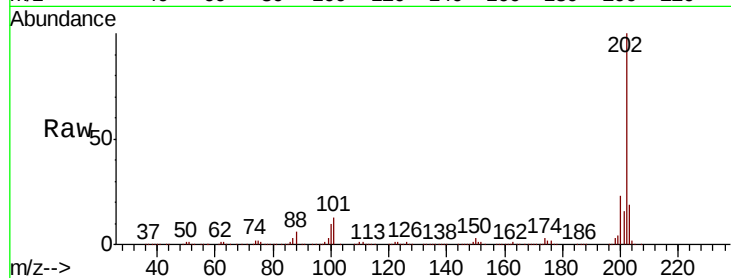
Tot Ion:202 Resp: 2825180

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.5

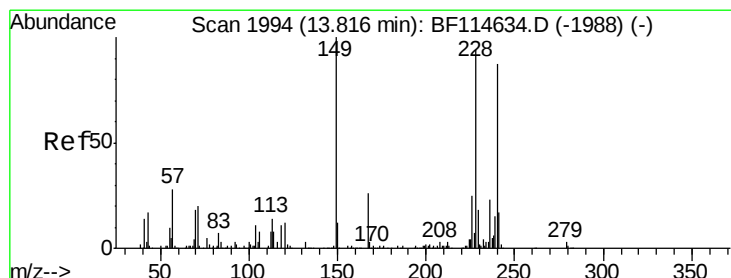
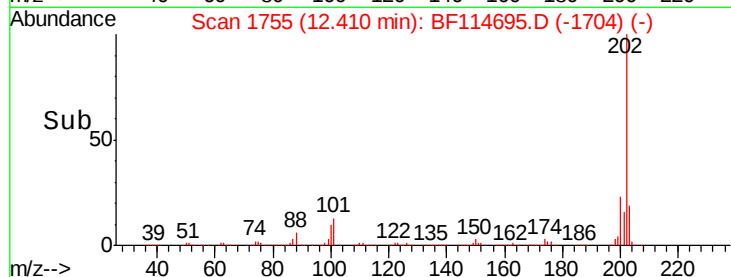
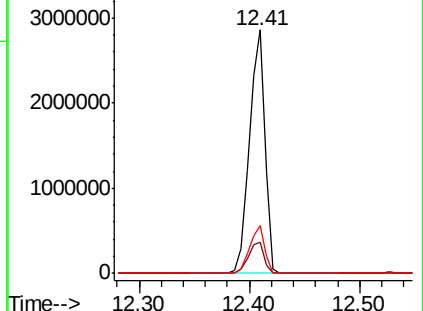
203 19.4 0.1 40.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

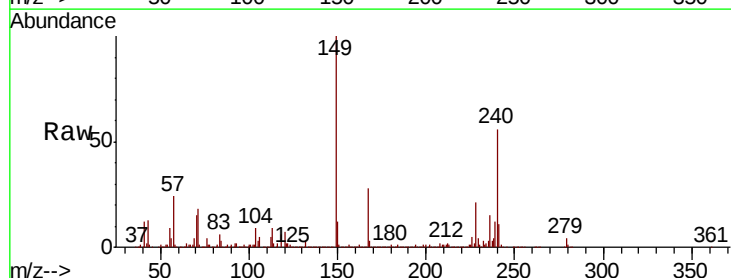
Tgt Ion:240 Resp: 869131

Ion Ratio Lower Upper

240 100

120 12.5 10.8 16.2

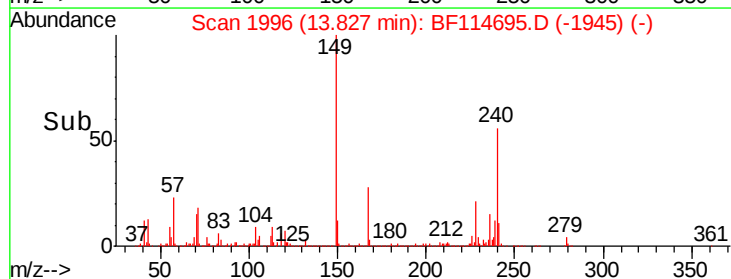
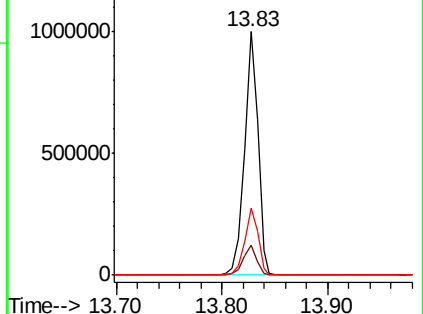
236 27.4 21.9 32.9

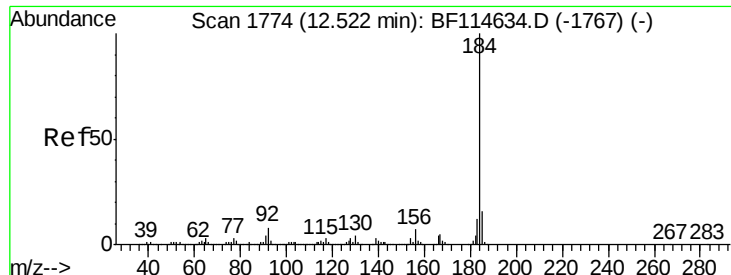


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.705 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

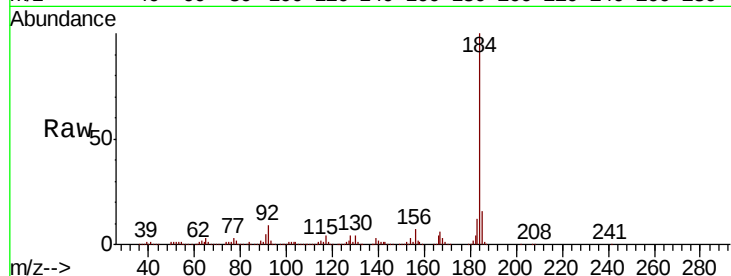
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1707320

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.7	19.1
183	12.4	9.8	14.6

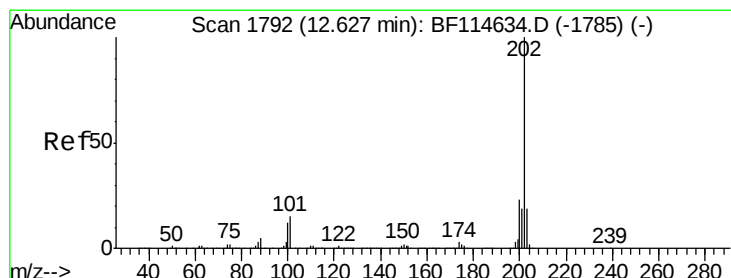
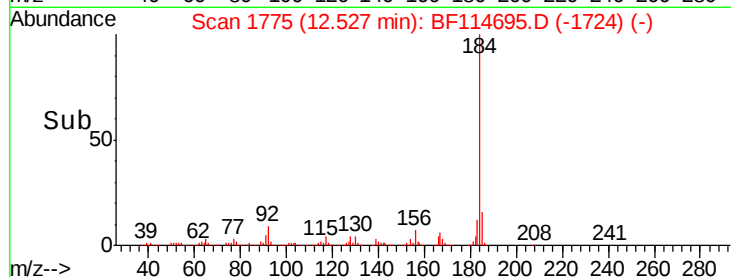
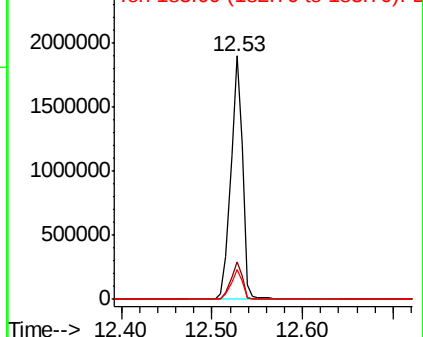


Abundance

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: 38.523 ng

RT: 12.63 min Scan# 1793

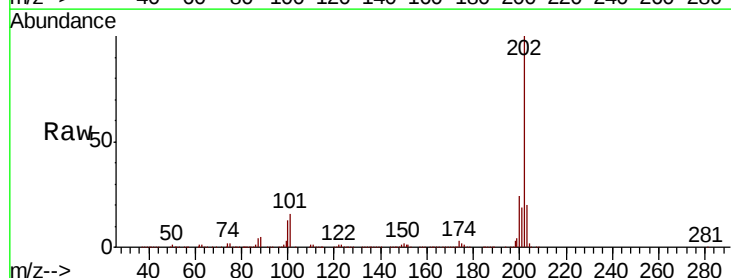
Delta R.T. -0.01 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion:202 Resp: 2832312

Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.0	28.4
203	19.7	15.5	23.3

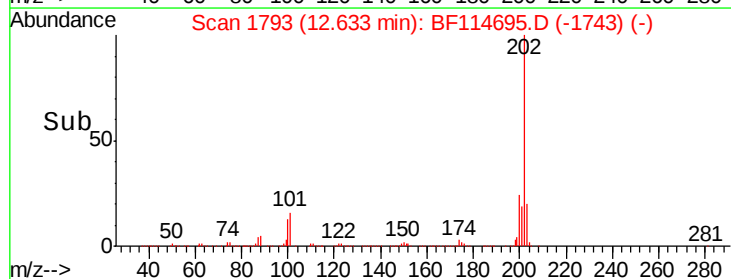
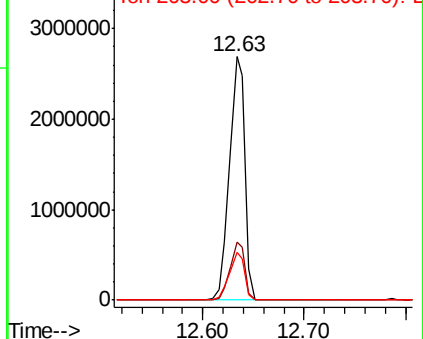


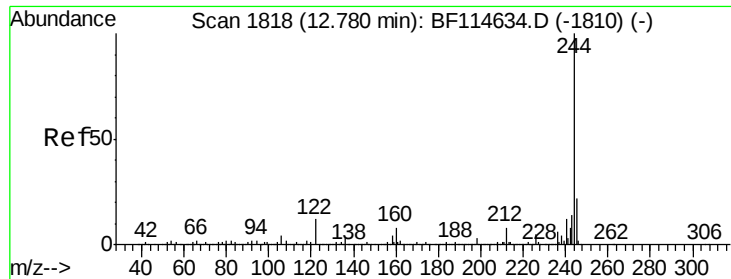
Abundance

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: 86.495 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

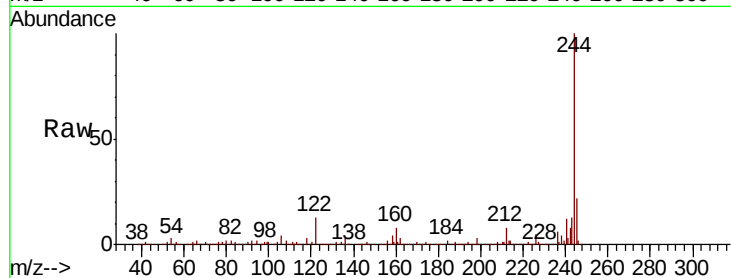
Tot Ion:244 Resp: 3998376

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

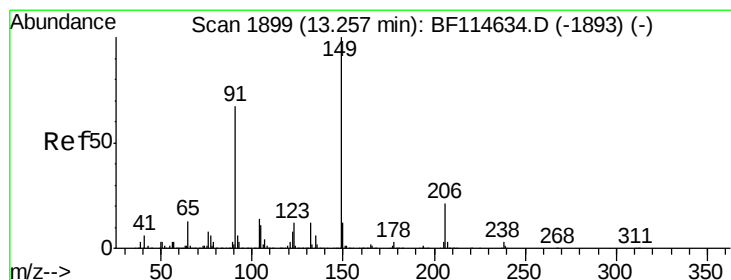
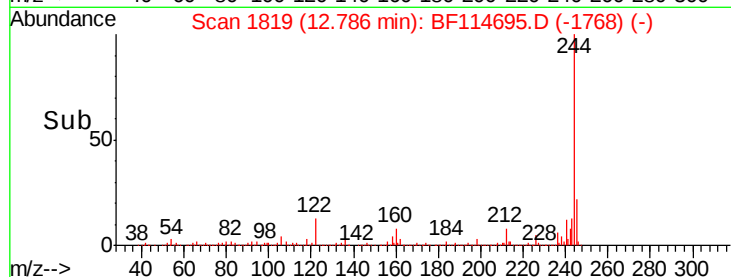
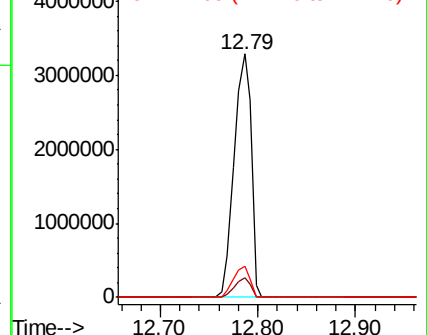
122 12.7 10.2 15.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.961 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

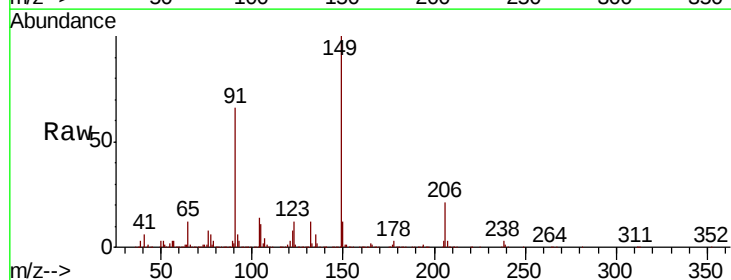
Tgt Ion:149 Resp: 1402628

Ion Ratio Lower Upper

149 100

91 66.2 53.6 80.4

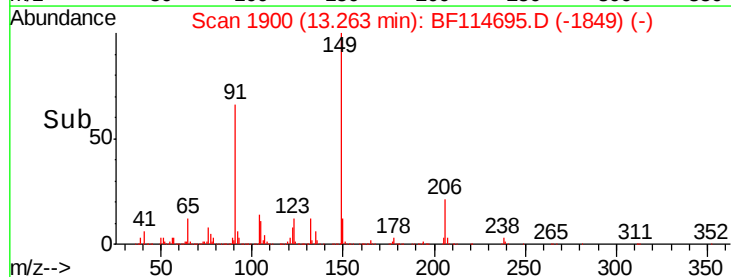
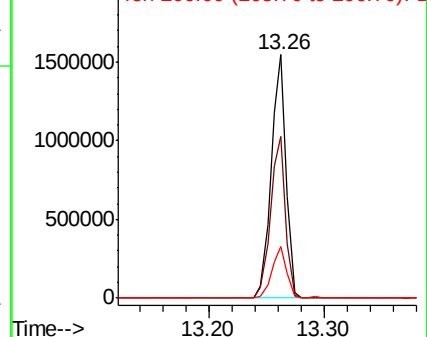
206 21.2 17.1 25.7

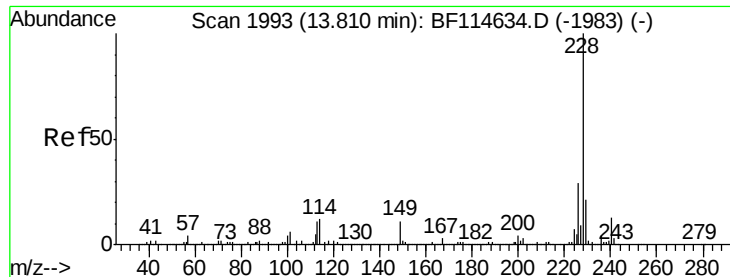


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.680 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

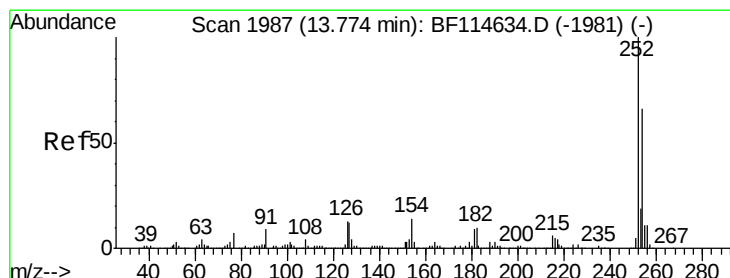
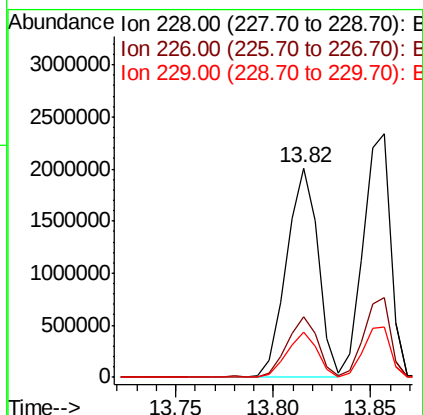
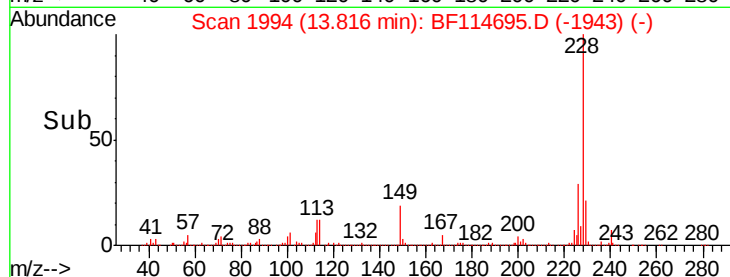
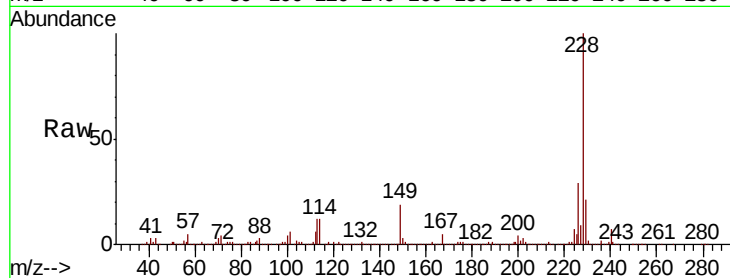
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2249496

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	21.3	17.0	25.6



#82

3,3'-Dichlorobenzidine

Concen: 27.992 ng

RT: 13.78 min Scan# 1988

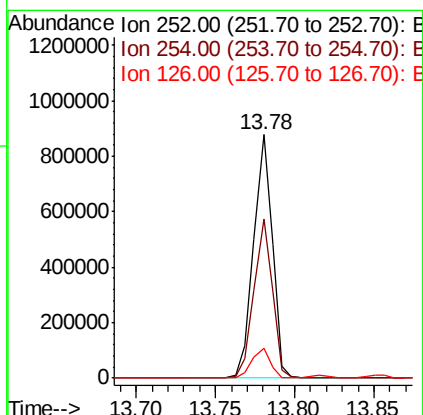
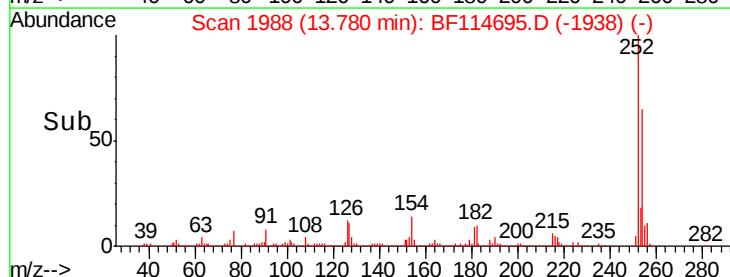
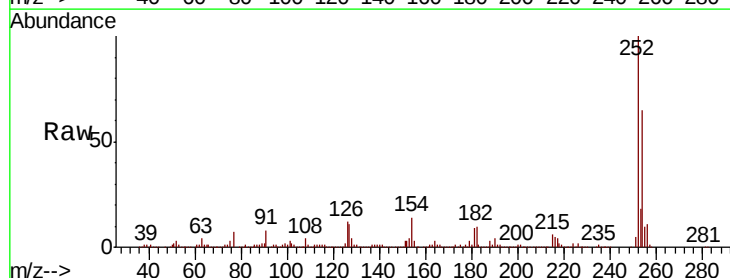
Delta R.T. -0.01 min

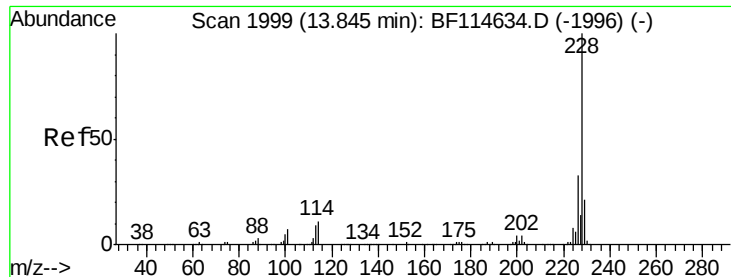
Lab File: BF114695.D

Acq: 31 May 2019 9:21

Tgt Ion:252 Resp: 722005

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.7	77.5
126	12.2	8.2	12.2





#83

Chrvsene

Concen: 35.642 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

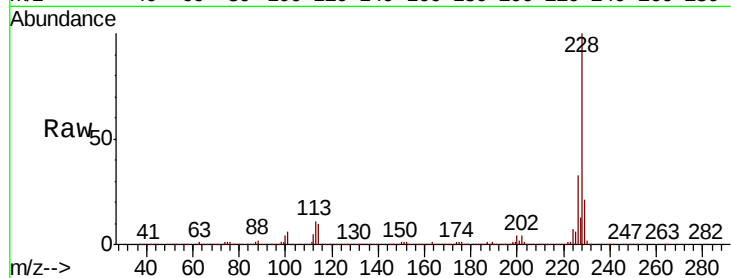
Tot Ion:228 Resp: 2274405

Ion Ratio Lower Upper

228 100

226 32.5 26.6 39.8

229 20.9 17.4 26.2

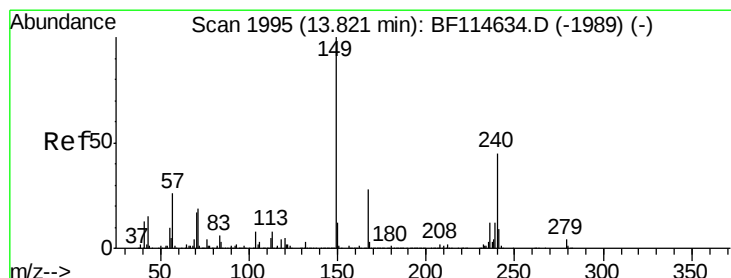
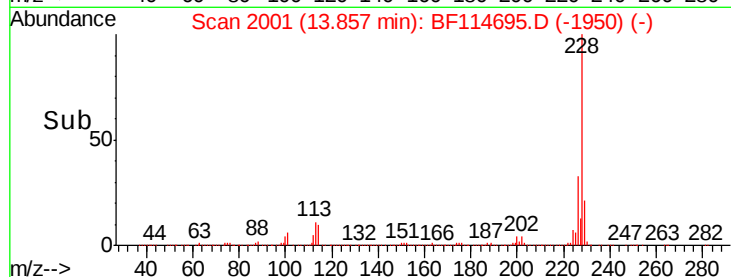
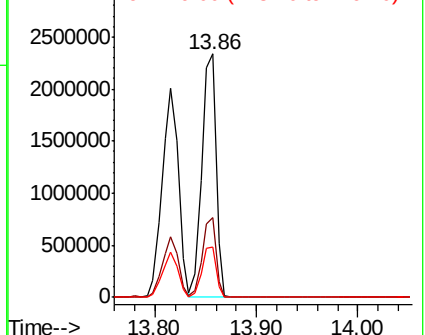


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.670 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

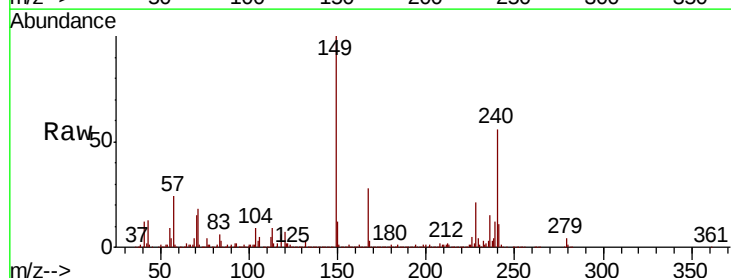
Tgt Ion:149 Resp: 1629428

Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

279 4.1 3.4 5.0

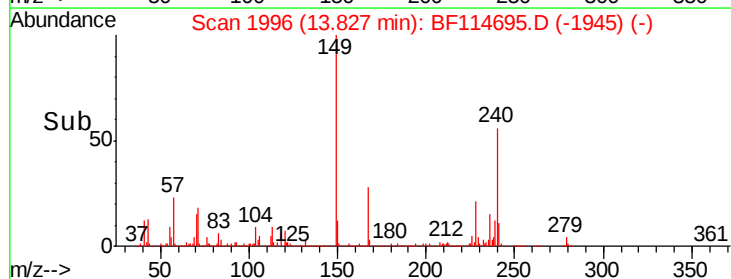
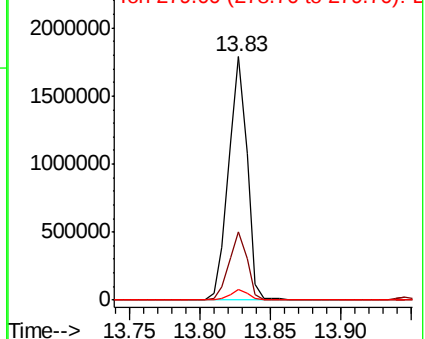


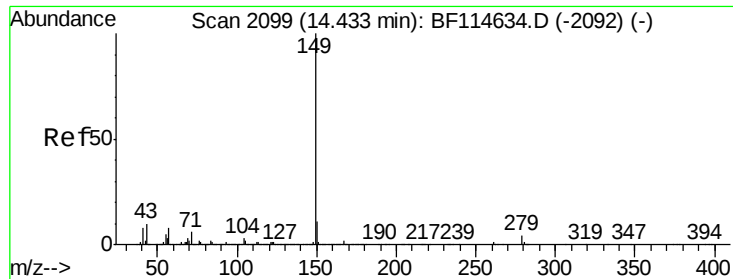
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

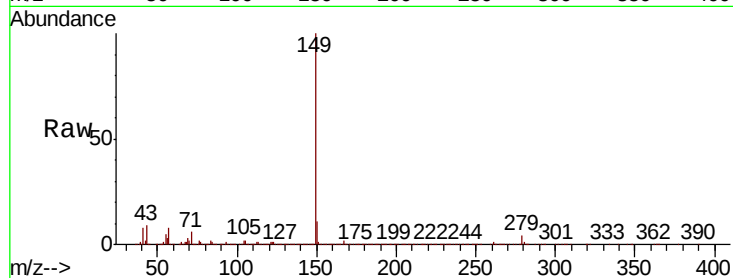




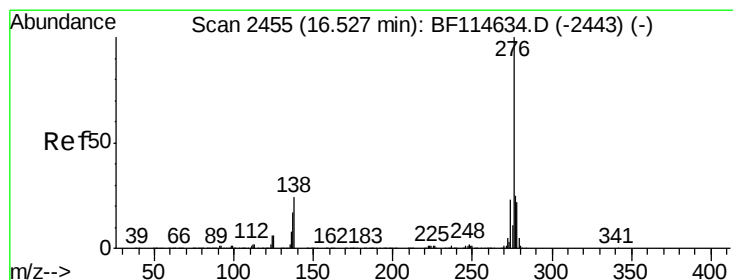
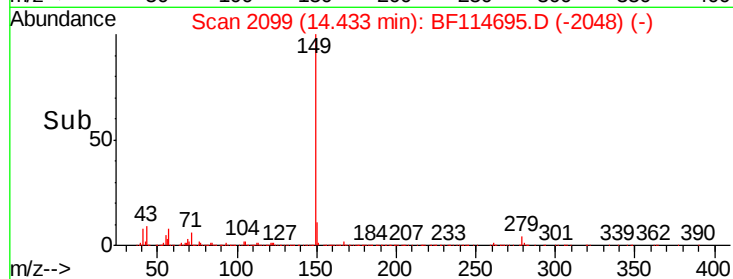
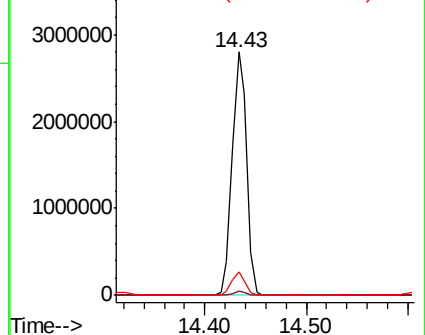
#85
Di-n-octyl phthalate
Concen: 34.741 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2757268
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.0 7.2 10.8

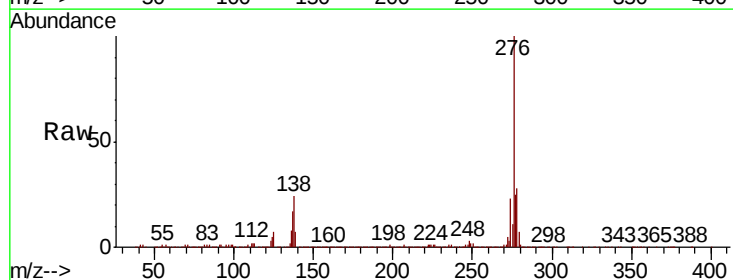


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

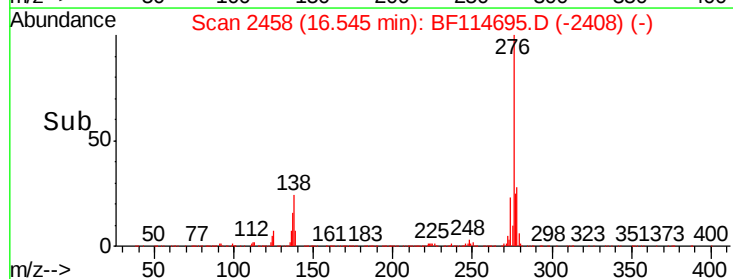
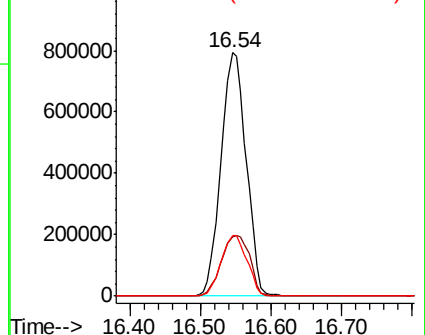


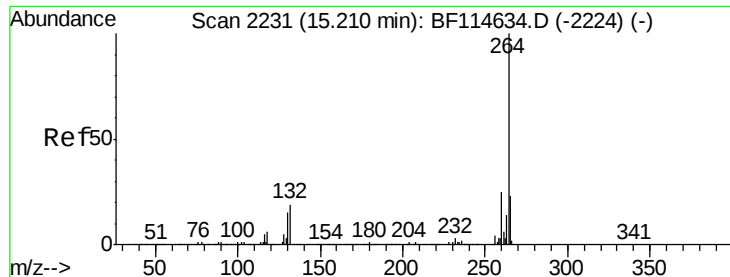
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.796 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:276 Resp: 1968196
Ion Ratio Lower Upper
276 100
138 27.6 22.1 33.1
277 25.6 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: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

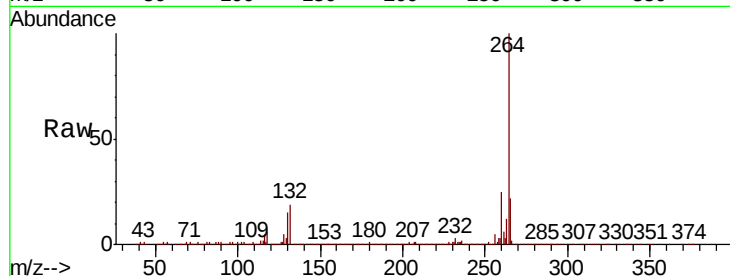
Tot Ion:264 Resp: 870024

Ion Ratio Lower Upper

264 100

260 24.9 20.3 30.5

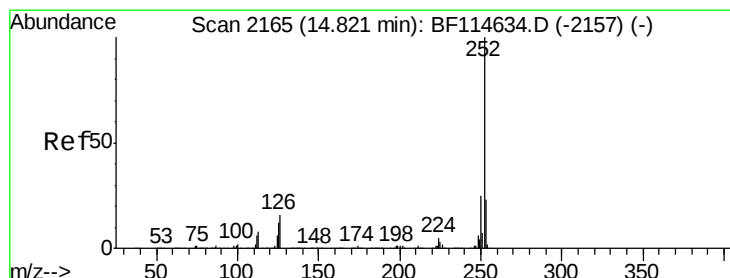
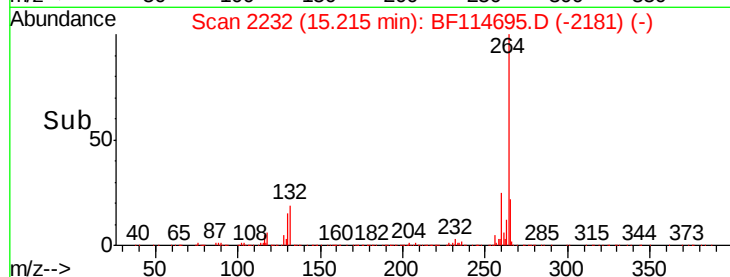
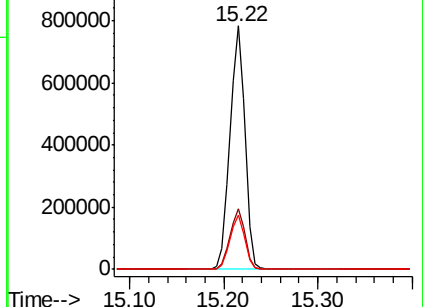
265 22.5 18.0 27.0



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: 36.784 ng

RT: 14.83 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

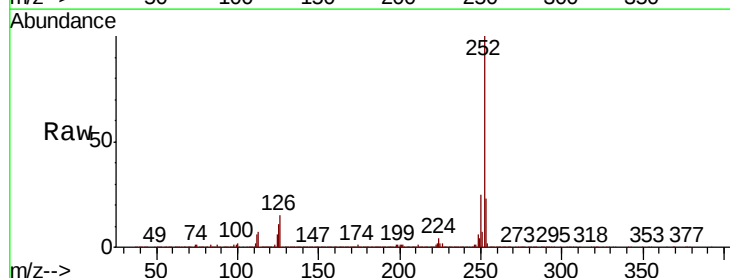
Tgt Ion:252 Resp: 2015670

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

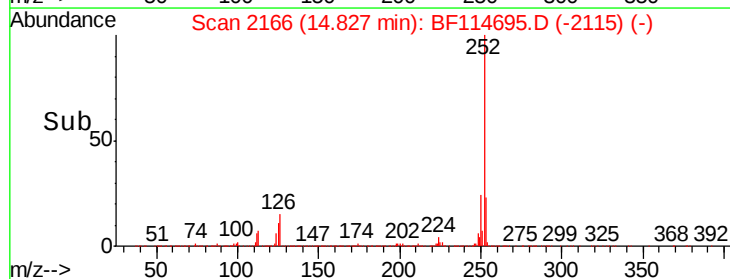
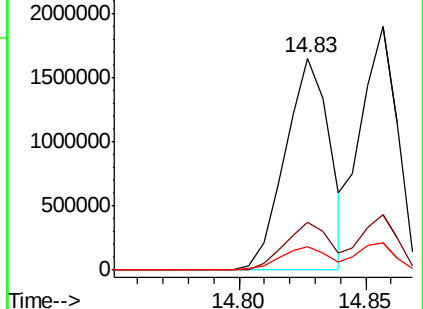
125 11.2 9.4 14.0

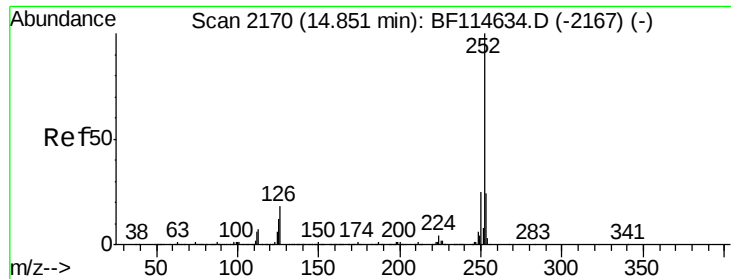


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

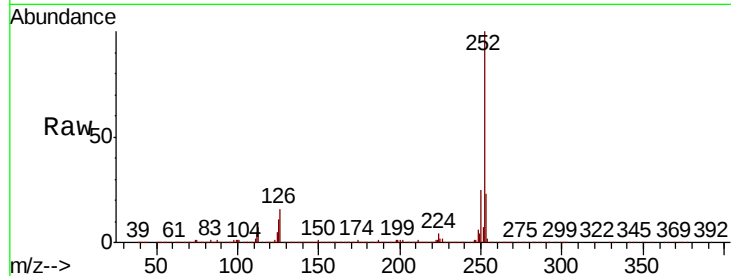




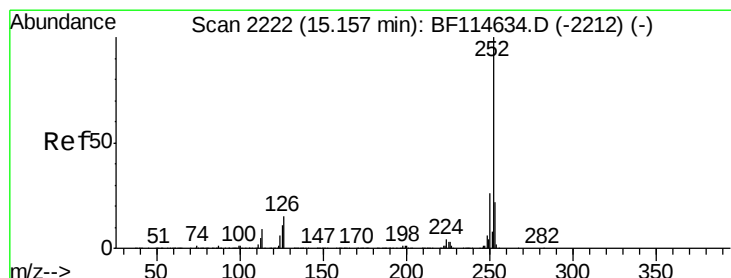
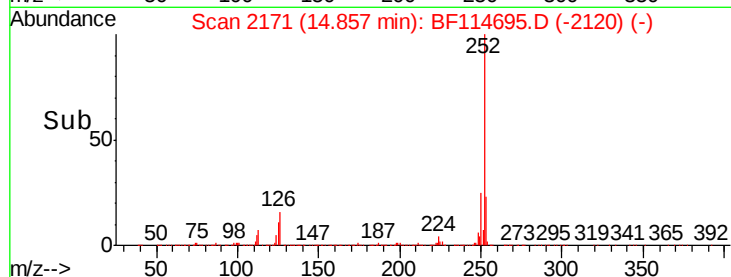
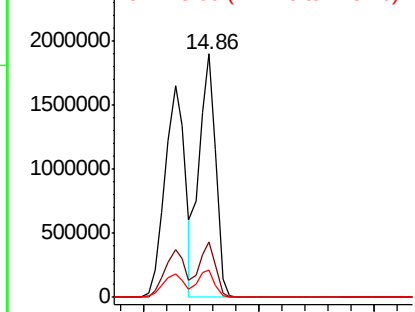
#89
Benzo(k)fluoranthene
Concen: 40.181 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1913742
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 11.3 9.1 13.7

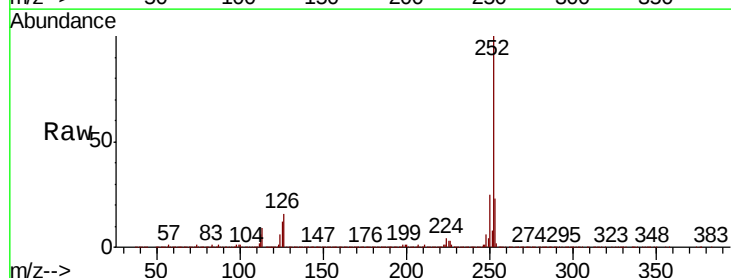


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

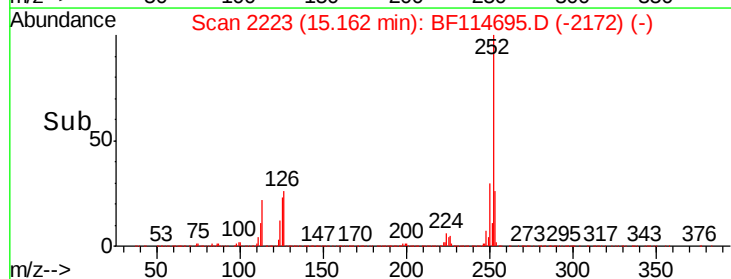
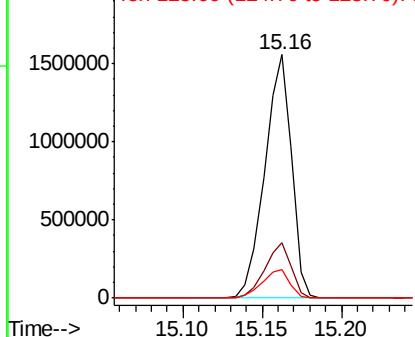


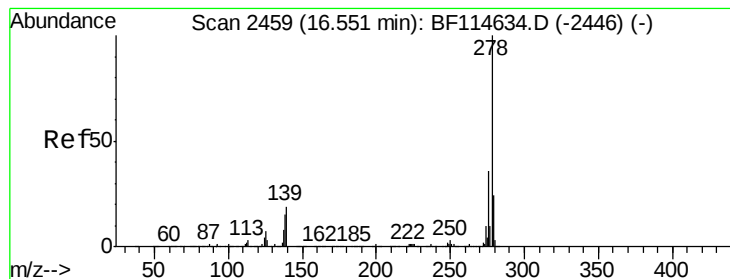
#90
Benzo(a)pyrene
Concen: 38.148 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF114695.D
Acq: 31 May 2019 9:21

Tgt Ion:252 Resp: 1836406
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 11.8 9.9 14.9



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





#91

Dibenzo(a,h)anthracene

Concen: 38.616 ng

RT: 16.57 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

Instrument :

BNA_F

ClientSampleId :

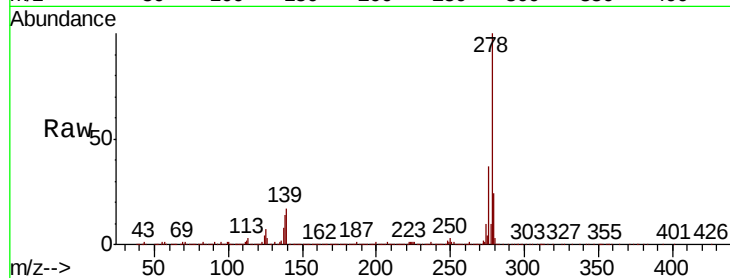
Tot Ion:278 Resp: 1642688

Ion Ratio Lower Upper

278 100

139 17.3 13.8 20.6

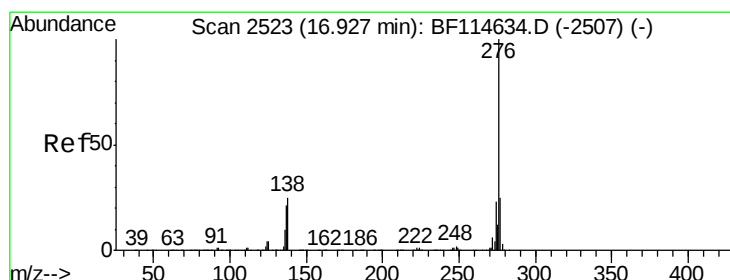
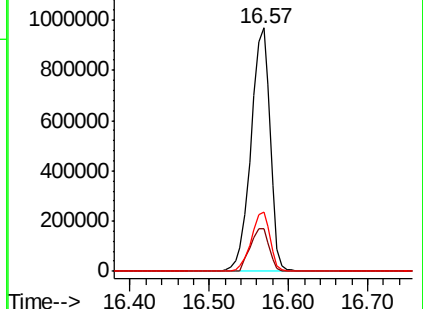
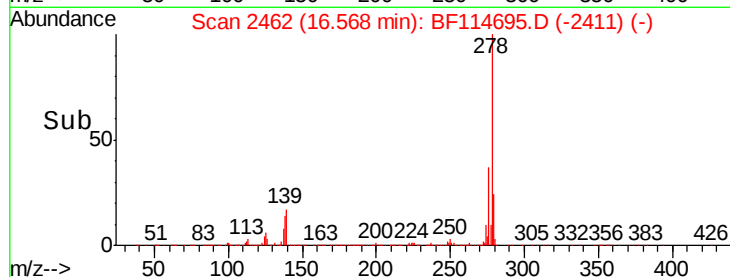
279 24.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.418 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BF114695.D

Acq: 31 May 2019 9:21

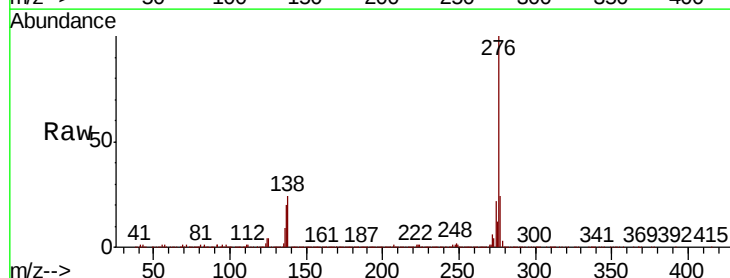
Tgt Ion:276 Resp: 1668710

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 24.3 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

