

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114122.D
 Acq On : 10 May 2019 15:56
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Quant Time: May 10 18:31:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	307467	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1194273	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	568145	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1121483	20.00	ng	0.00
76) Chrysene-d12	14.03	240	811970	20.00	ng	0.00
87) Perylene-d12	15.53	264	863958	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1434438	75.08	ng	0.00
7) Phenol-d6	6.49	99	1844285	81.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	1739132	81.72	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	465937	79.33	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2970672	79.09	ng	0.00
79) Terphenyl-d14	12.96	244	2971143	75.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	402709	38.347	ng	99
3) Pyridine	3.38	79	1108091	38.296	ng	99
4) n-Nitrosodimethylamine	3.33	42	546375	39.158	ng	100
6) Aniline	6.52	93	1400243	42.896	ng	100
8) 2-Chlorophenol	6.64	128	838037	41.087	ng	99
9) Benzaldehyde	6.40	77	639216	40.406	ng	98
10) Phenol	6.50	94	1130333	42.521	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	838441	41.545	ng	99
12) 1,3-Dichlorobenzene	6.80	146	954797	41.702	ng	99
13) 1,4-Dichlorobenzene	6.87	146	939416	40.718	ng	100
14) 1,2-Dichlorobenzene	7.03	146	867909	41.176	ng	99
15) Benzyl Alcohol	6.99	79	725907	41.187	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1593942	40.734	ng	100
17) 2-Methylphenol	7.11	107	682127	40.712	ng	100
18) Hexachloroethane	7.37	117	352009	40.647	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	570028	39.797	ng	100
20) 3+4-Methylphenols	7.26	107	796690	41.155	ng	99
22) Acetophenone	7.26	105	1080991	40.858	ng	99
24) Nitrobenzene	7.43	77	903922	41.704	ng	98
25) Isophorone	7.67	82	1579021	40.008	ng	99
26) 2-Nitrophenol	7.75	139	437745	41.628	ng	99
27) 2,4-Dimethylphenol	7.79	122	667084	40.391	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1039545	40.595	ng	99
29) 2,4-Dichlorophenol	7.99	162	675753	41.090	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	775318	41.459	ng	98
31) Naphthalene	8.16	128	2318367	41.558	ng	100
32) Benzoic acid	7.92	122	413298	36.983	ng	98
33) 4-Chloroaniline	8.20	127	1060786	41.728	ng	99
34) Hexachlorobutadiene	8.28	225	436639	41.035	ng	99
35) Caprolactam	8.57	113	235645	43.943	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	706730	42.692	ng	99
37) 2-Methylnaphthalene	8.85	142	1533220	42.598	ng	99
38) 1-Methylnaphthalene	8.95	142	1458222	43.021	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	698246	40.571	ng	99

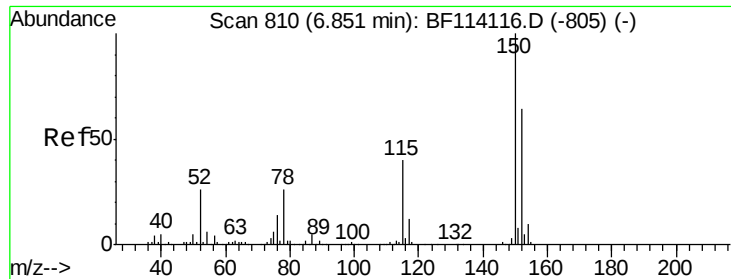
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	302748	40.042	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	485781	41.037	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	494157	40.704	ng	98
46) 1,1'-Biphenyl	9.31	154	1872638	40.800	ng	100
47) 2-Chloronaphthalene	9.33	162	1505211	40.749	ng	99
48) 2-Nitroaniline	9.43	65	533784	40.746	ng	99
49) Acenaphthylene	9.75	152	2320957	41.312	ng	100
50) Dimethylphthalate	9.61	163	1680596	40.295	ng	99
51) 2,6-Dinitrotoluene	9.67	165	385158	41.636	ng	99
52) Acenaphthene	9.92	154	1496927	43.420	ng	99
53) 3-Nitroaniline	9.84	138	478393	41.660	ng	98
54) 2,4-Dinitrophenol	9.95	184	179596	42.100	ng	98
55) Dibenzofuran	10.09	168	2066569	40.879	ng	99
56) 4-Nitrophenol	10.00	139	334454	41.185	ng	97
57) 2,4-Dinitrotoluene	10.07	165	514986	41.016	ng	97
58) Fluorene	10.44	166	1553368	39.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	419684	40.065	ng	99
60) Diethylphthalate	10.31	149	1700475	40.127	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	766803	39.983	ng	98
62) 4-Nitroaniline	10.45	138	489305	40.550	ng	99
63) Azobenzene	10.59	77	1643819	40.075	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	237292	44.034	ng	96
66) n-Nitrosodiphenylamine	10.55	169	1406301	41.317	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	502654	40.707	ng	100
68) Hexachlorobenzene	10.99	284	563502	41.251	ng	99
69) Atrazine	11.07	200	434640	41.034	ng	98
70) Pentachlorophenol	11.18	266	276841	42.752	ng	98
71) Phenanthrene	11.40	178	2277052	41.734	ng	99
72) Anthracene	11.45	178	2348199	42.848	ng	100
73) Carbazole	11.60	167	2172874	41.579	ng	99
74) Di-n-butylphthalate	11.93	149	2568268	42.657	ng	100
75) Fluoranthene	12.59	202	2406314	40.954	ng	98
77) Benzidine	12.70	184	1390165	38.141	ng	99
78) Pyrene	12.82	202	2464547	37.731	ng	100
80) Butylbenzylphthalate	13.43	149	1155878	42.042	ng	95
81) Benzo(a)anthracene	14.02	228	2107209	40.124	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	864179	42.418	ng	# 99
83) Chrysene	14.06	228	2107968	40.946	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1447147	40.246	ng	99
85) Di-n-octyl phthalate	14.65	149	2500605	42.900	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2072055	45.541	ng	99
88) Benzo(b)fluoranthene	15.10	252	2222927	40.161	ng	100
89) Benzo(k)fluoranthene	15.13	252	2057436	40.465	ng	99
90) Benzo(a)pyrene	15.47	252	1979599	40.638	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	1716361	42.402	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1617887	39.884	ng	99

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

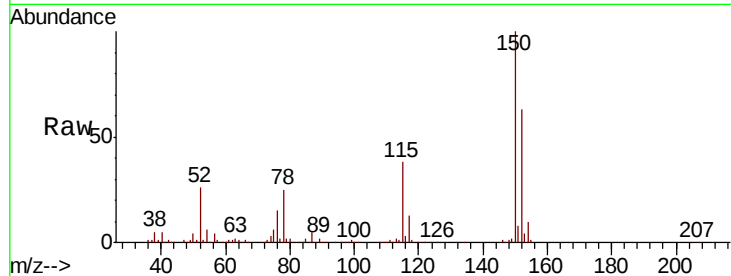


#1

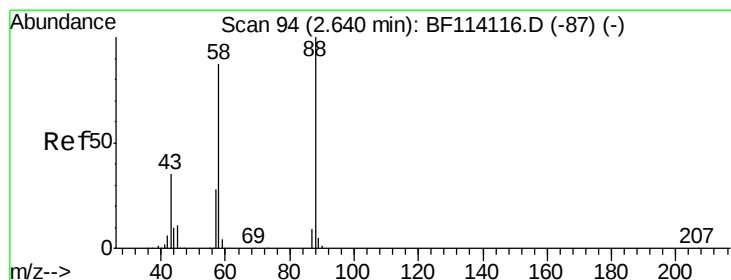
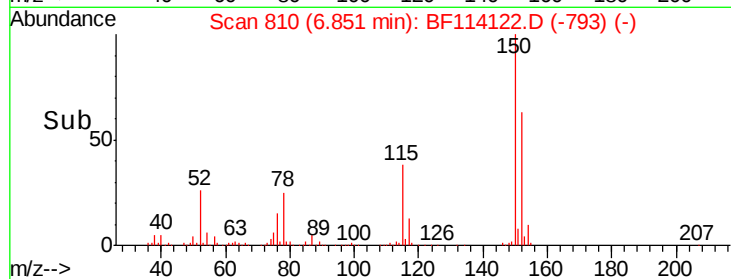
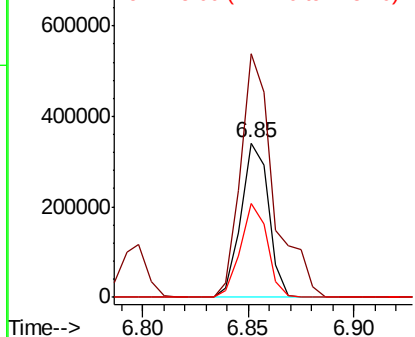
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	60.8	49.1	73.7



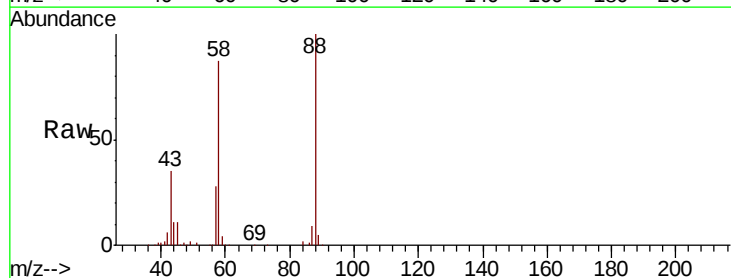
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



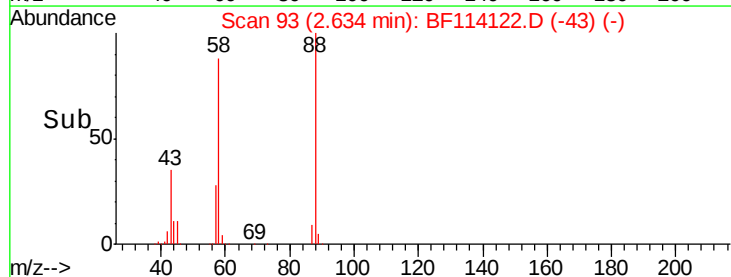
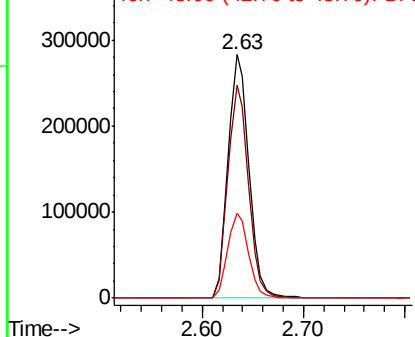
#2

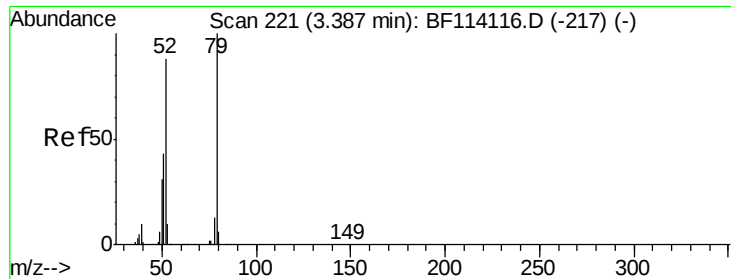
1,4-Dioxane
Concen: 38.347 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	68.7	103.1
43	35.0	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.296 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

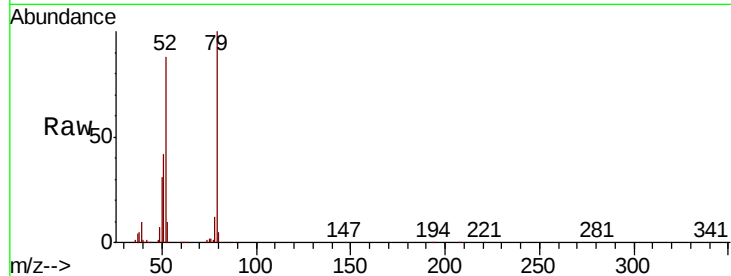
Tot Ion: 79 Resp: 1108091

Ion Ratio Lower Upper

79 100

52 87.7 70.6 105.8

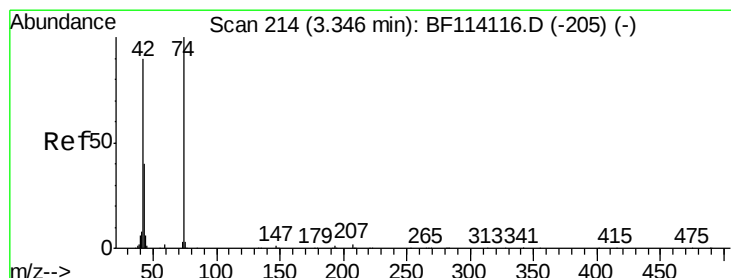
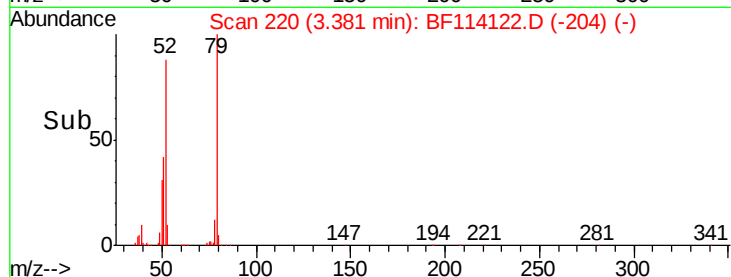
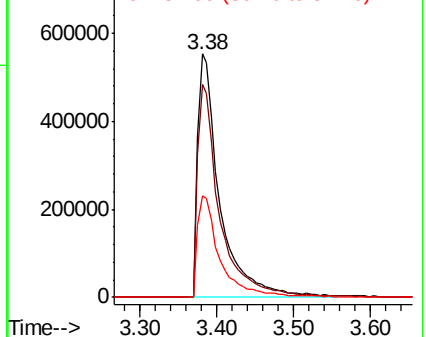
51 41.8 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.158 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

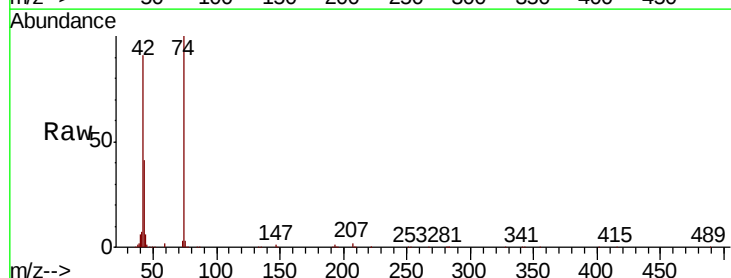
Tgt Ion: 42 Resp: 546375

Ion Ratio Lower Upper

42 100

74 110.3 88.6 132.8

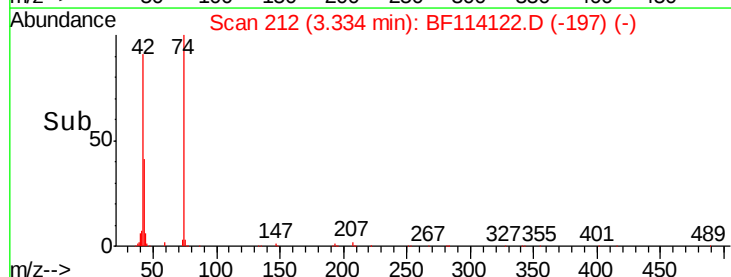
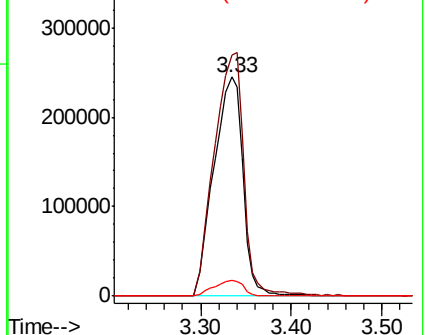
44 7.0 5.5 8.3

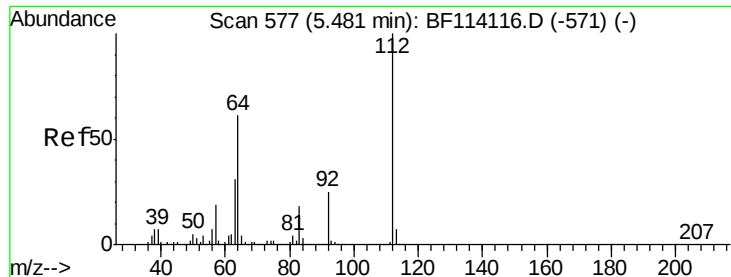


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.078 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

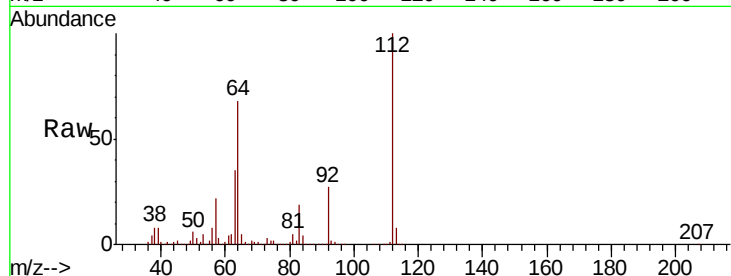
Tot Ion:112 Resp: 1434438

Ion Ratio Lower Upper

112 100

64 67.5 49.0 73.6

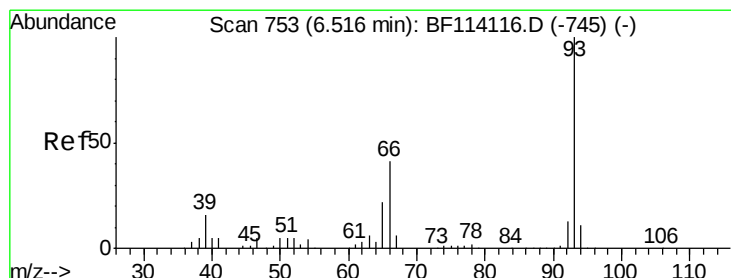
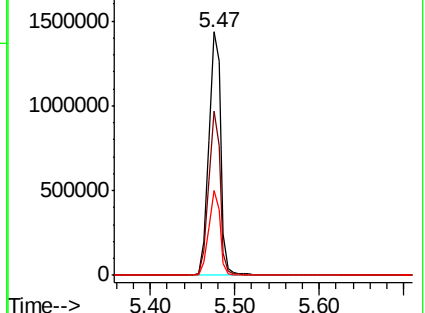
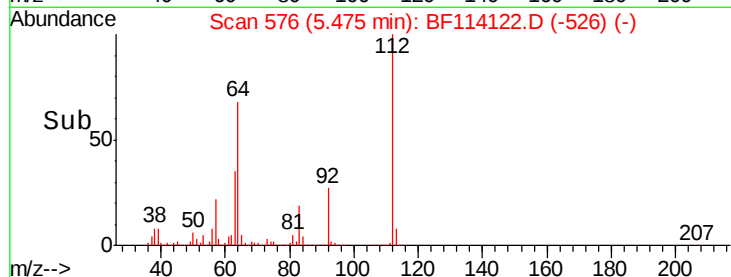
63 34.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.896 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

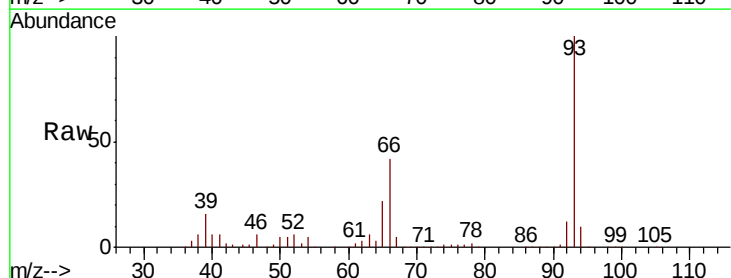
Tgt Ion: 93 Resp: 1400243

Ion Ratio Lower Upper

93 100

66 41.6 33.2 49.8

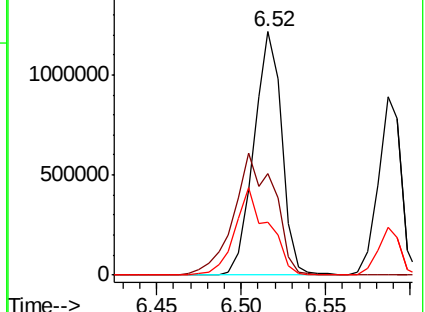
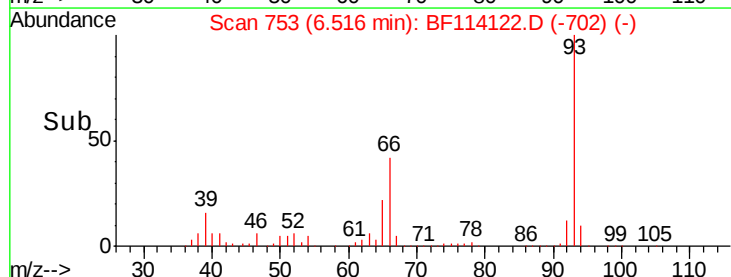
65 21.8 17.6 26.4

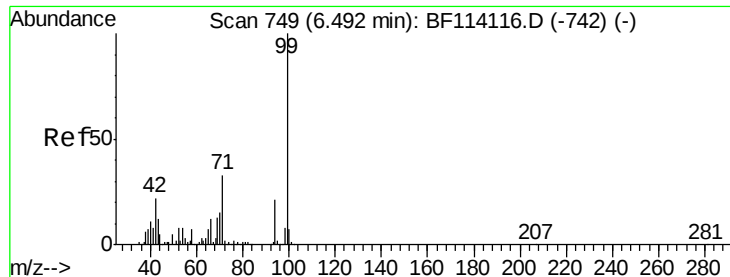


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.615 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

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ClientSampleId :

ICVBF051019

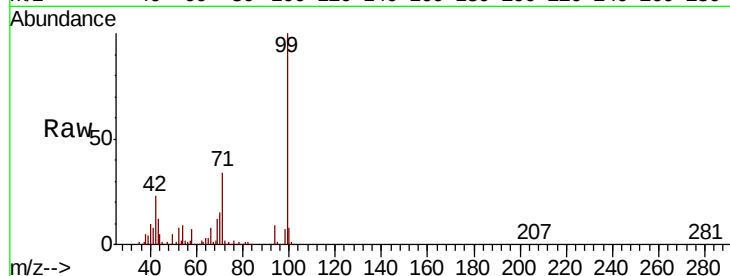
Tot Ion: 99 Resp: 1844285

Ion Ratio Lower Upper

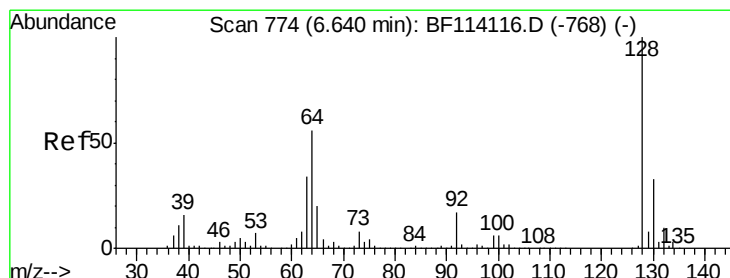
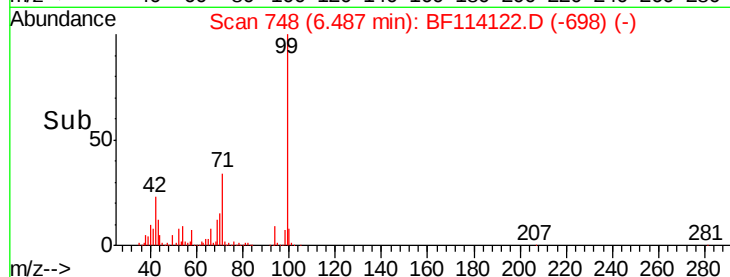
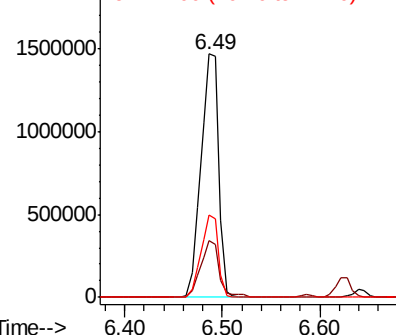
99 100

42 23.3 17.9 26.9

71 33.8 26.2 39.2



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



#8

2-Chlorophenol

Concen: 41.087 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

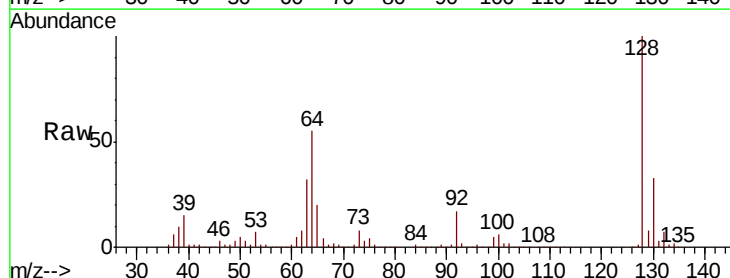
Tgt Ion: 128 Resp: 838037

Ion Ratio Lower Upper

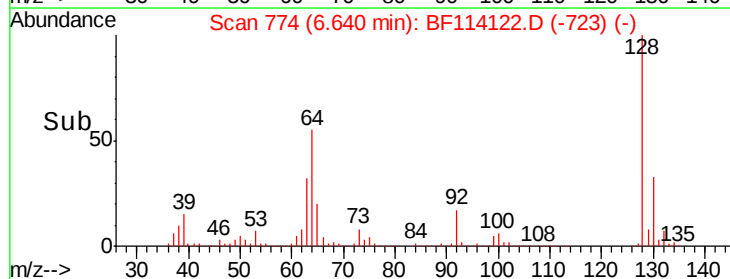
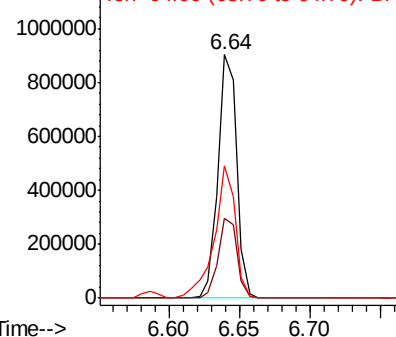
128 100

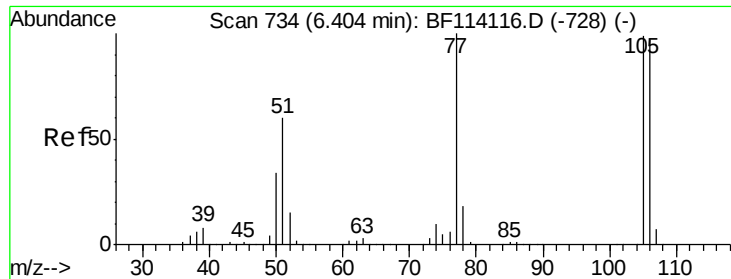
130 32.8 12.6 52.6

64 54.5 35.9 75.9



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





#9

Benzaldehyde

Concen: 40.406 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

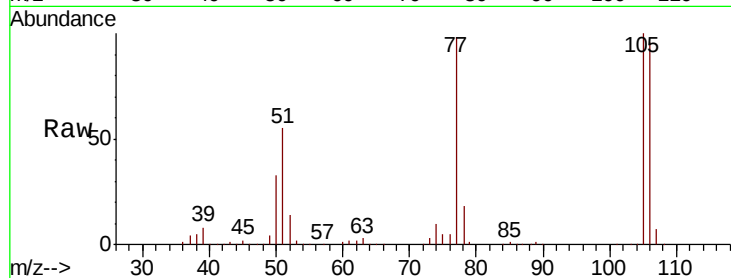
Tot Ion: 77 Resp: 639216

Ion Ratio Lower Upper

77 100

105 102.2 79.3 119.3

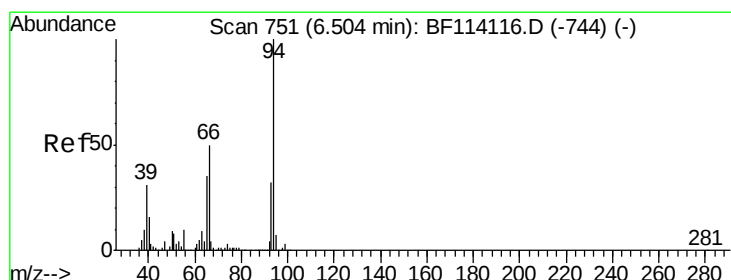
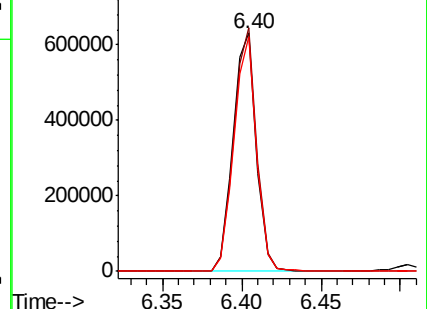
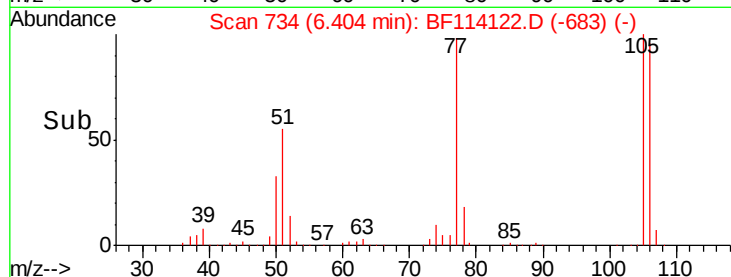
106 98.4 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.521 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

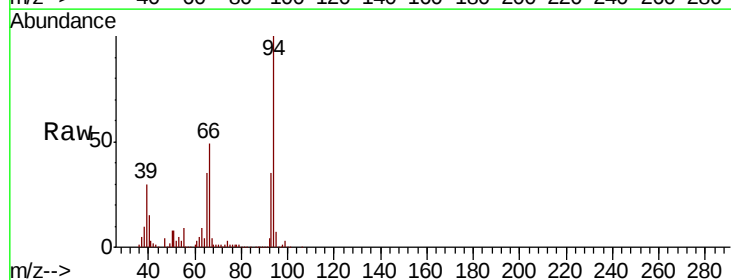
Tgt Ion: 94 Resp: 1130333

Ion Ratio Lower Upper

94 100

65 35.3 14.7 54.7

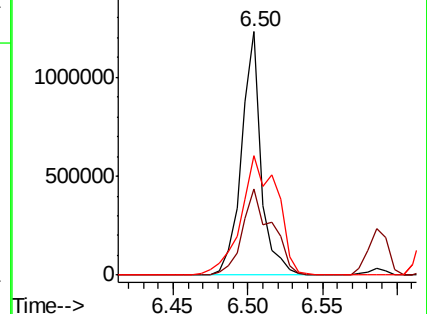
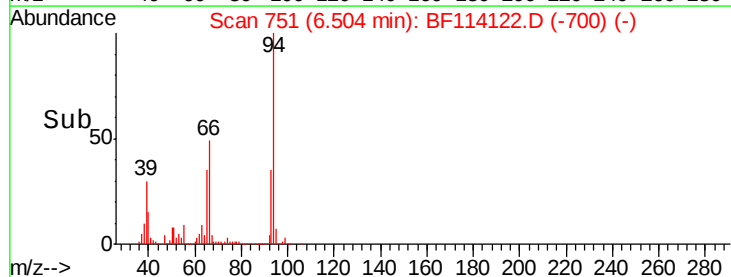
66 49.3 29.6 69.6

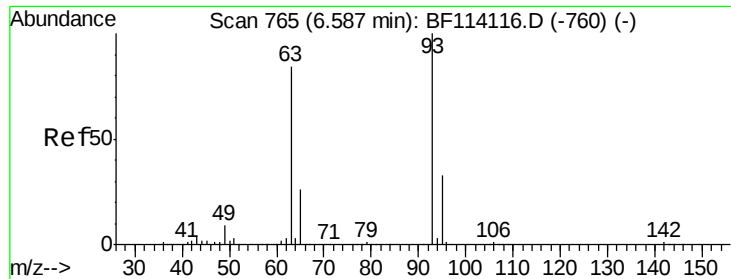


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.545 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

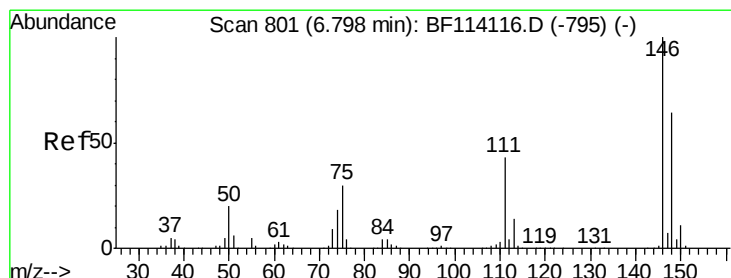
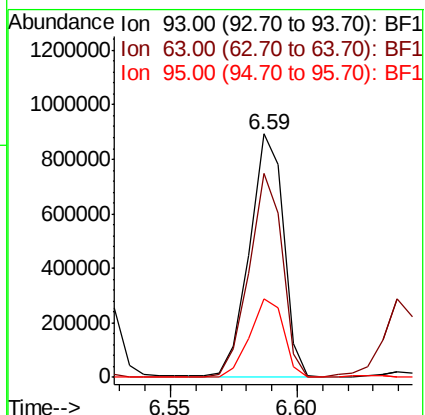
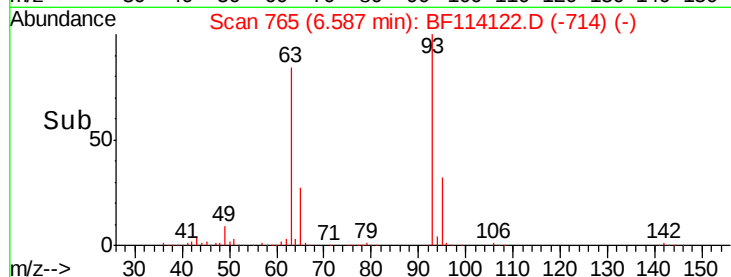
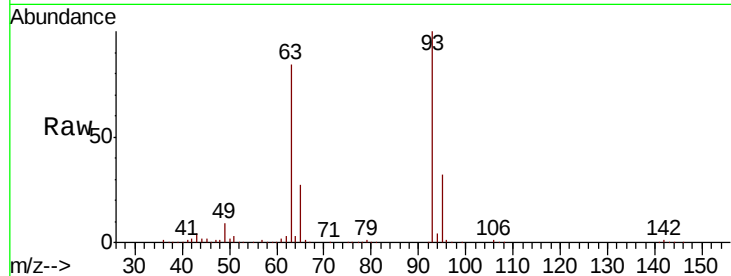
Tot Ion: 93 Resp: 838441

Ion Ratio Lower Upper

93 100

63 83.8 63.6 103.6

95 32.3 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 41.702 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

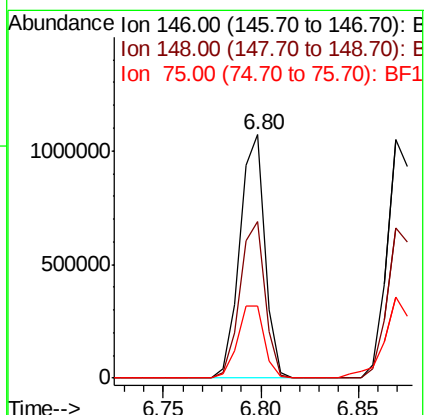
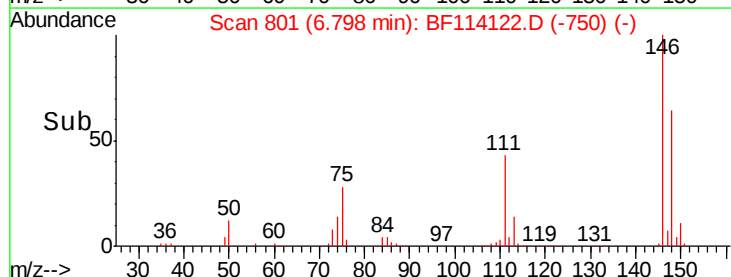
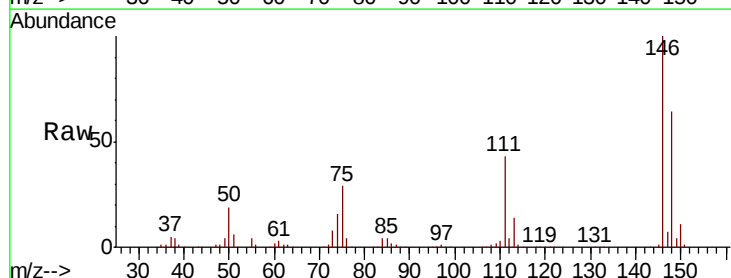
Tgt Ion: 146 Resp: 954797

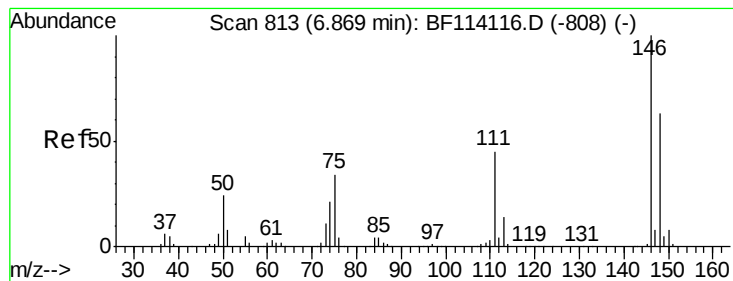
Ion Ratio Lower Upper

146 100

148 64.4 51.6 77.4

75 29.5 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 40.718 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

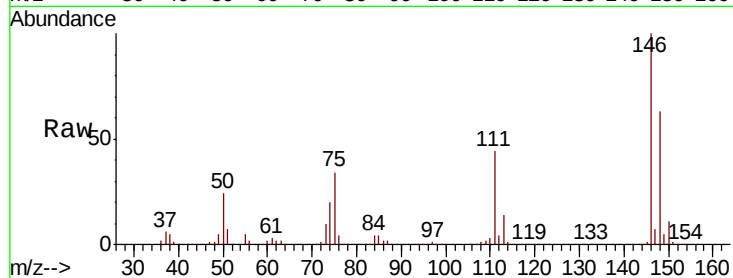
Tot Ion:146 Resp: 939416

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

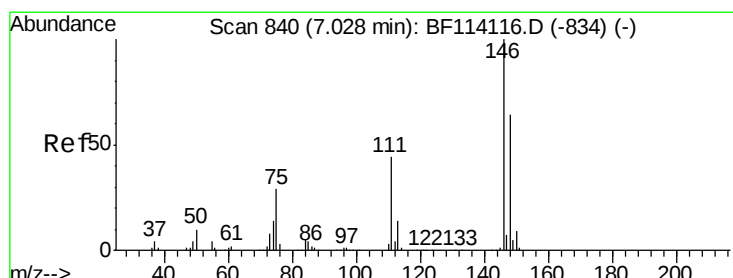
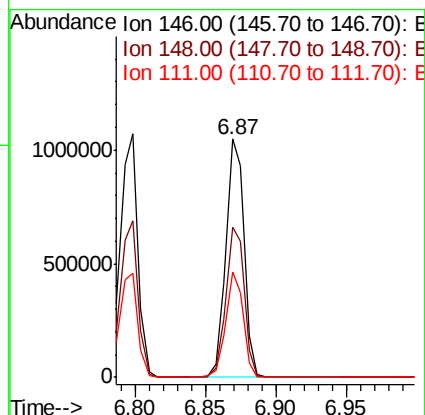
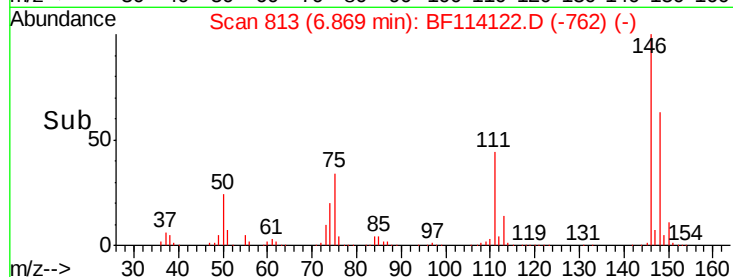
111 44.1 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.176 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

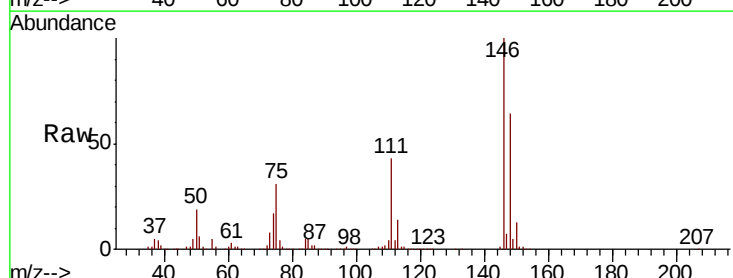
Tgt Ion:146 Resp: 867909

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

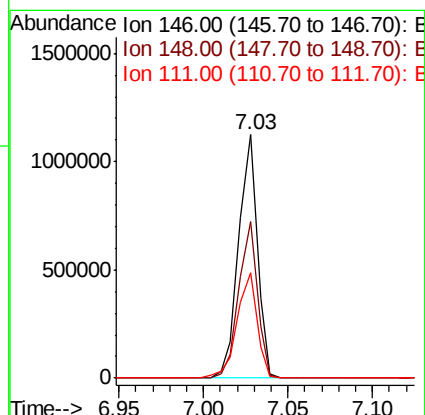
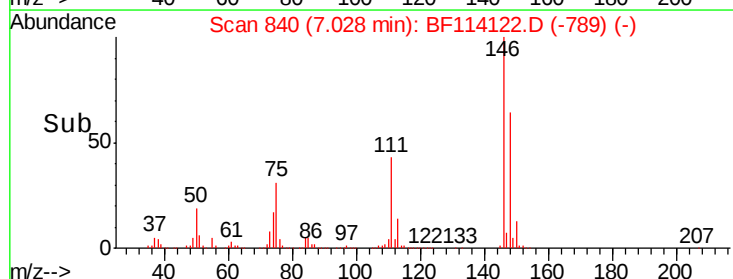
111 43.5 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.187 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

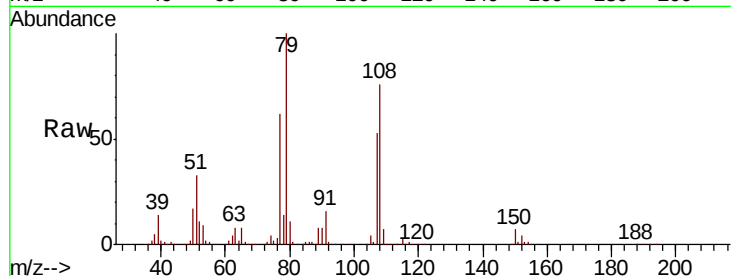
Tot Ion: 79 Resp: 725907

Ion Ratio Lower Upper

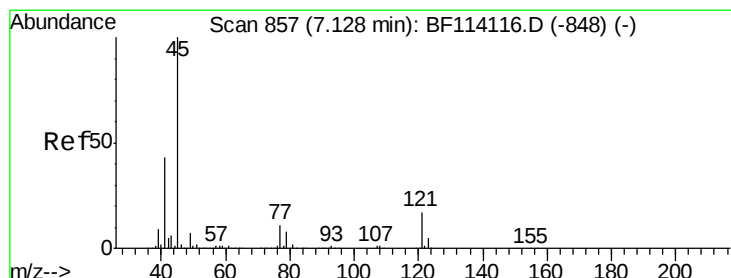
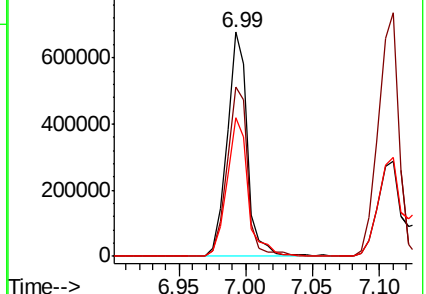
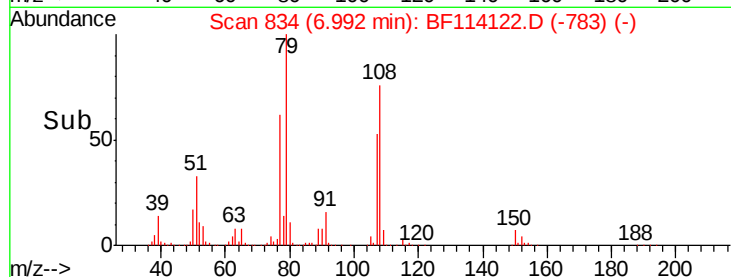
79 100

108 75.7 62.1 93.1

77 61.9 51.0 76.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.734 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

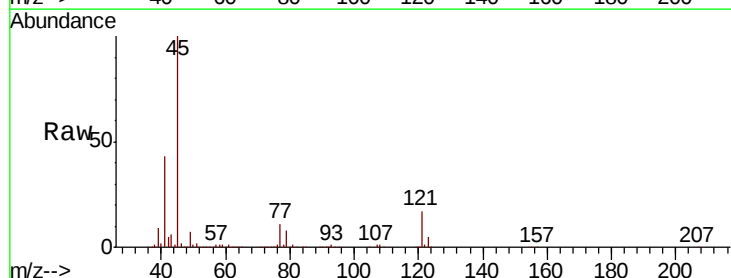
Tgt Ion: 45 Resp: 1593942

Ion Ratio Lower Upper

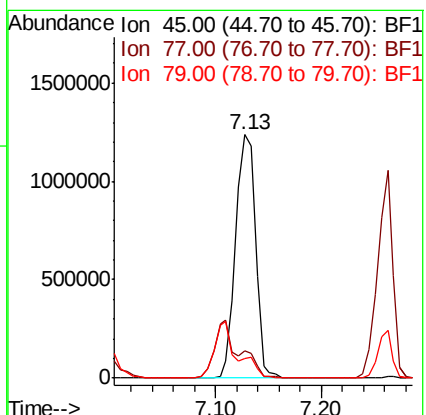
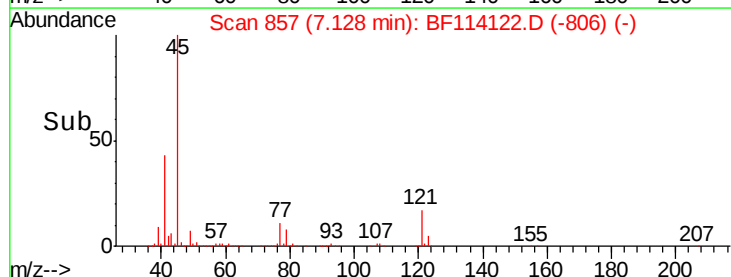
45 100

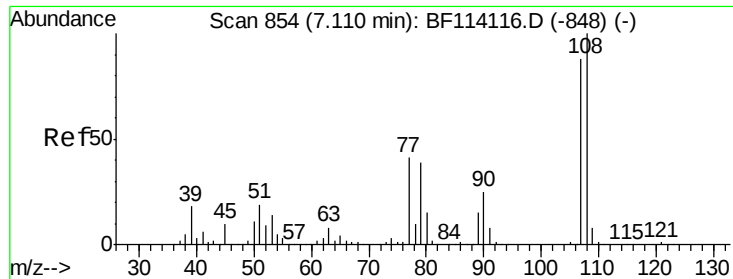
77 11.0 0.0 31.1

79 8.2 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

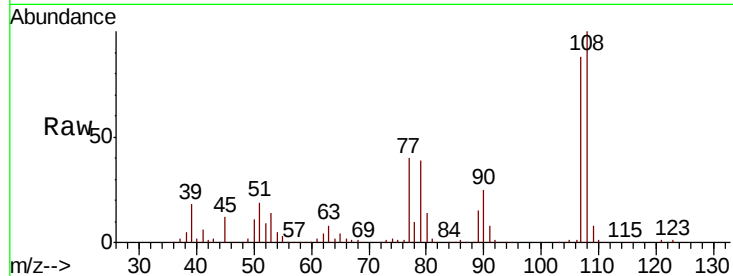




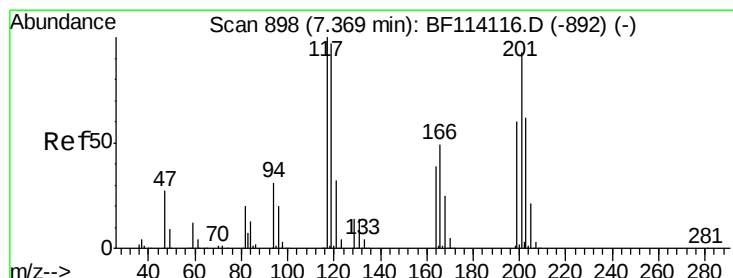
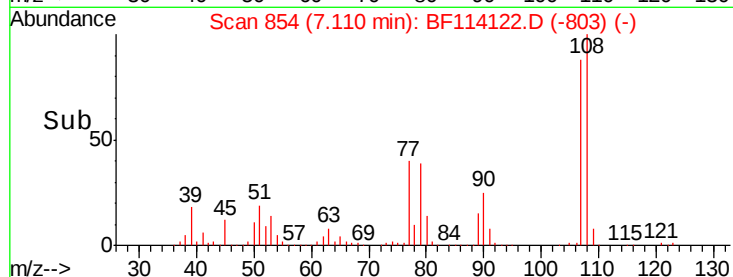
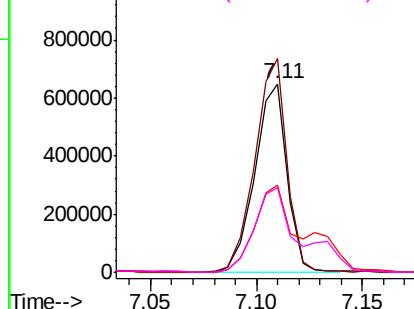
#17
2-Methylphenol
Concen: 40.712 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:	107	Resp:	682127
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.5	135.7
77	45.9	37.0	55.4
79	44.6	35.8	53.8

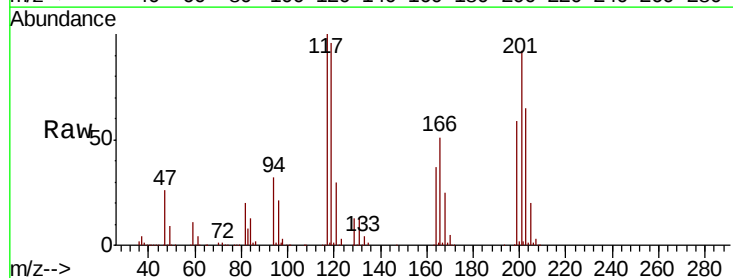


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

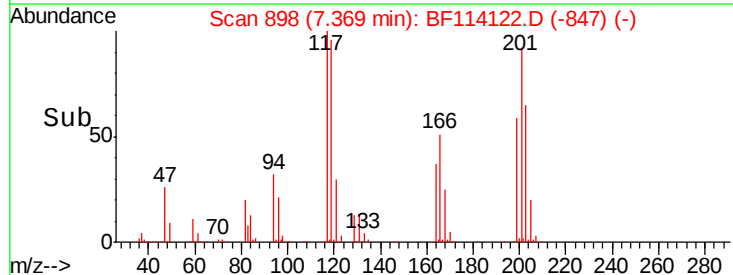
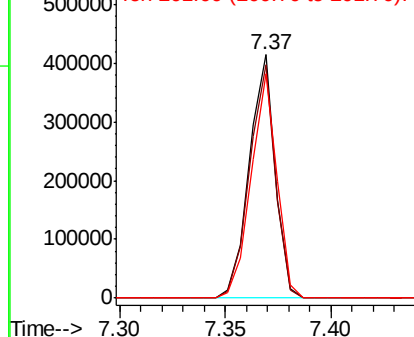


#18
Hexachloroethane
Concen: 40.647 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:	117	Resp:	352009
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.2
201	92.3	74.5	111.7



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

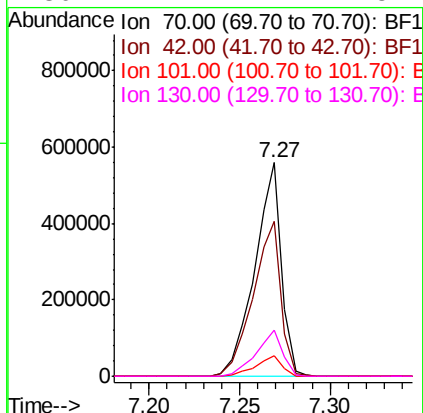
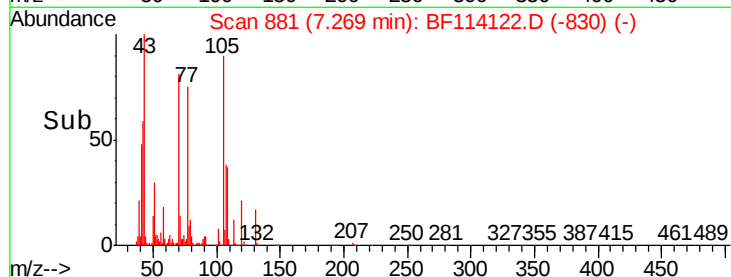
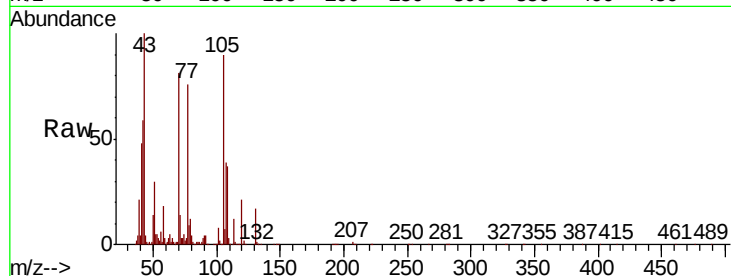




#19
n-Nitroso-di-n-propylamine
Concen: 39.797 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

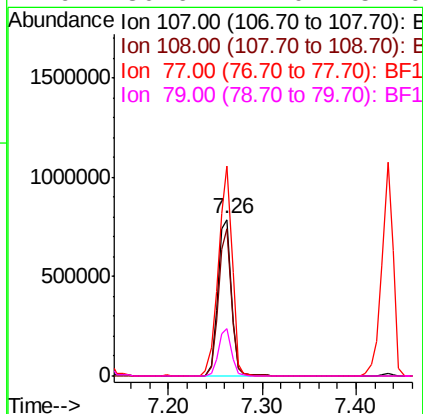
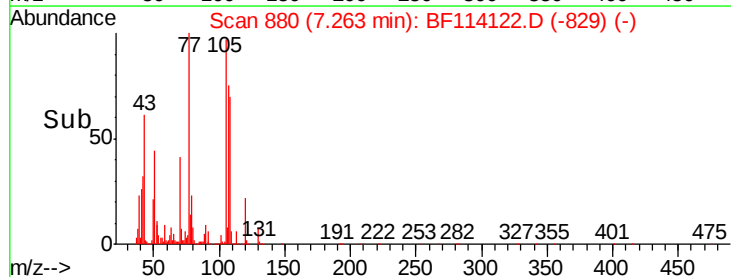
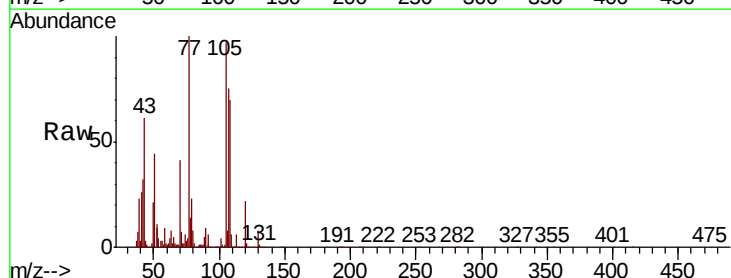
Instrument :
BNA_F
ClientSampleId :
ICVBF051019

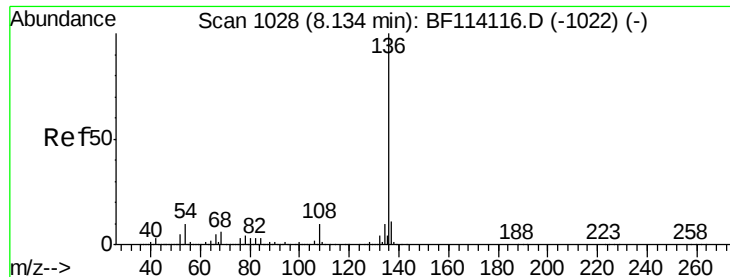
Tot Ion: 70 Resp: 570028
Ion Ratio Lower Upper
70 100
42 72.8 58.6 87.8
101 9.5 7.8 11.8
130 21.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 41.155 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:107 Resp: 796690
Ion Ratio Lower Upper
107 100
108 94.0 73.8 113.8
77 133.8 111.5 151.5
79 30.6 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tot Ion:136 Resp: 1194273

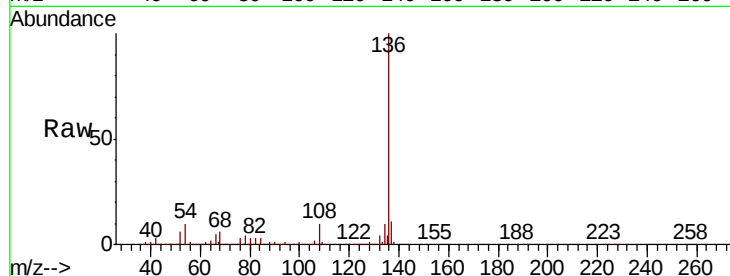
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.0 7.8 11.8

68 6.2 5.1 7.7

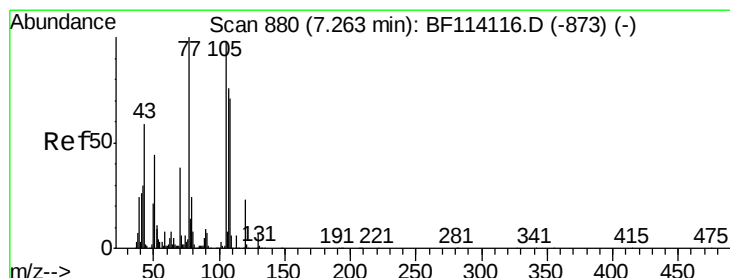
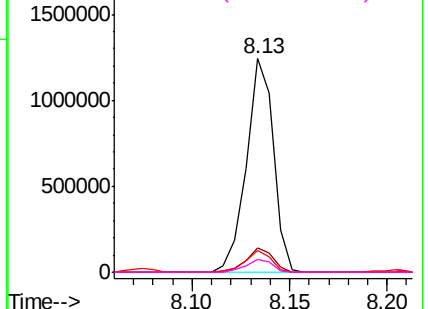
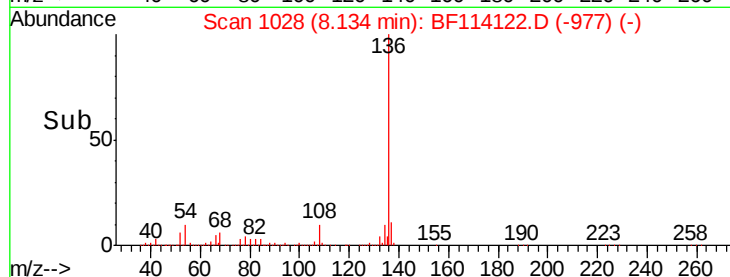


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.858 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:105 Resp: 1080991

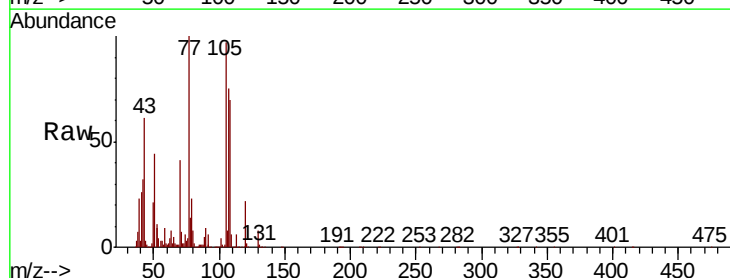
Ion Ratio Lower Upper

105 100

71 7.1 5.3 7.9

51 45.2 36.2 54.4

120 22.6 18.6 28.0

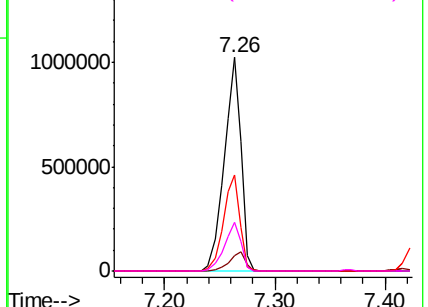
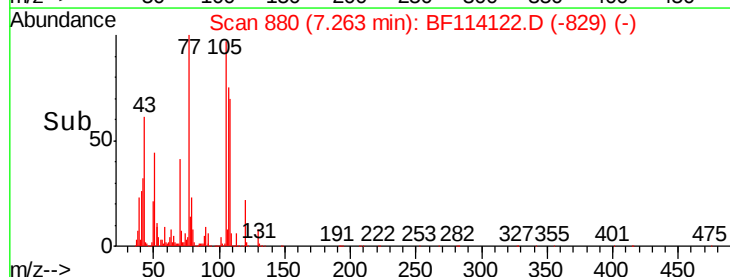


Abundance Ion 105.00 (104.70 to 105.70): E

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

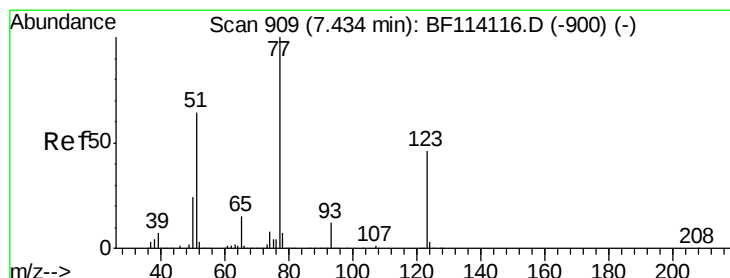
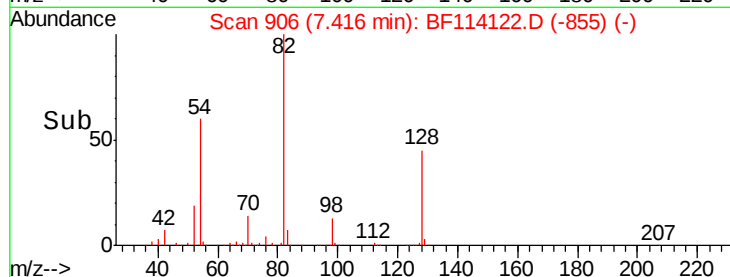
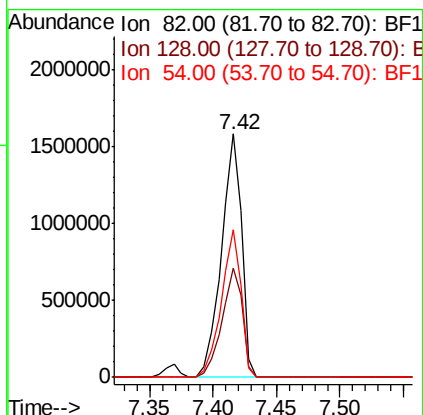
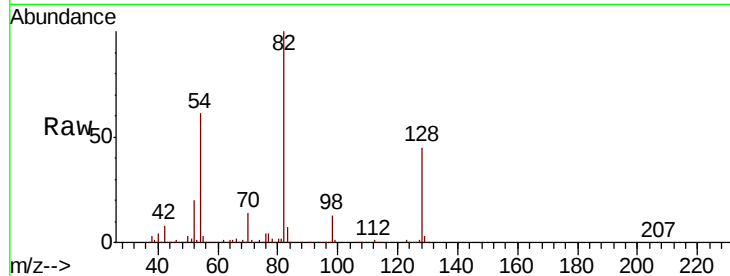




#23
Nitrobenzene-d5
Concen: 81.724 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

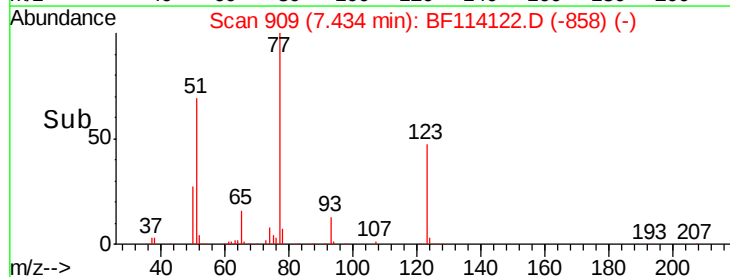
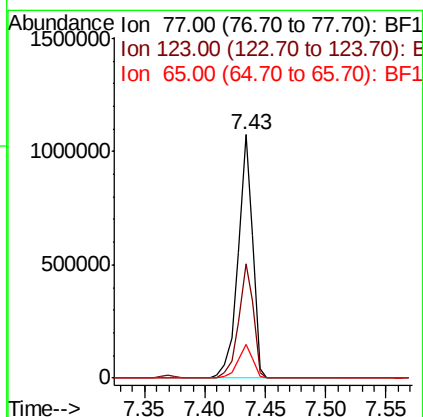
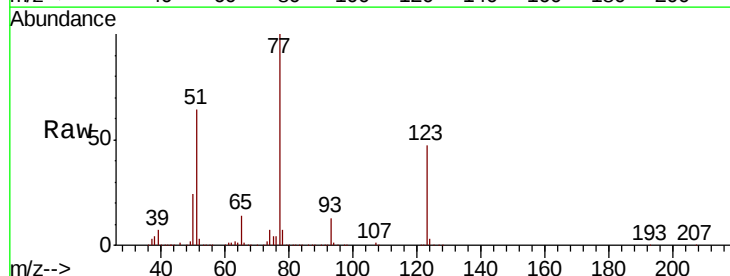
Instrument :
BNA_F
ClientSampleId :
ICVBF051019

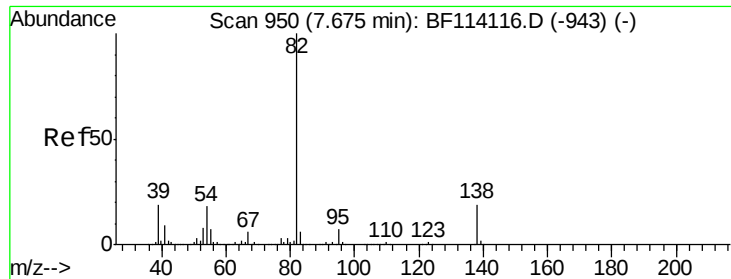
Tot Ion: 82 Resp: 1739132
Ion Ratio Lower Upper
82 100
128 44.7 35.5 53.3
54 60.5 48.5 72.7



#24
Nitrobenzene
Concen: 41.704 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion: 77 Resp: 903922
Ion Ratio Lower Upper
77 100
123 47.2 36.9 55.3
65 14.1 11.8 17.6





#25

Isophorone

Concen: 40.008 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

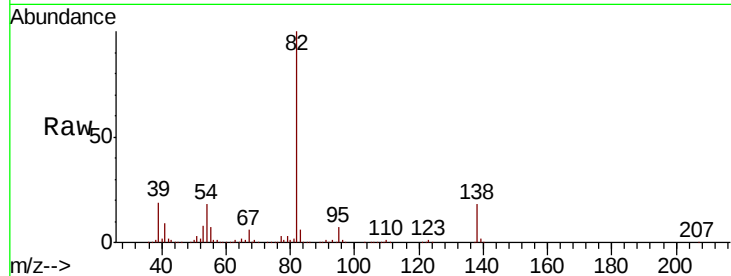
Tot Ion: 82 Resp: 1579021

Ion Ratio Lower Upper

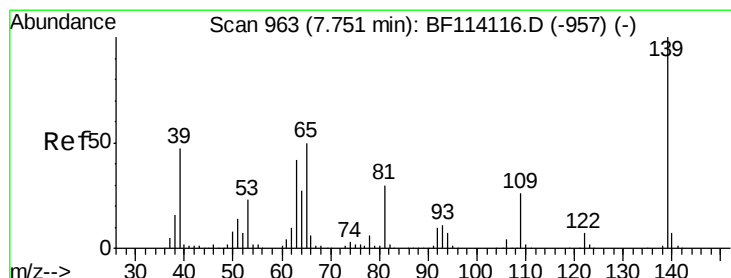
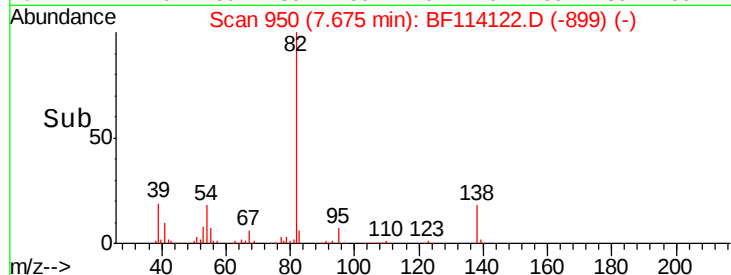
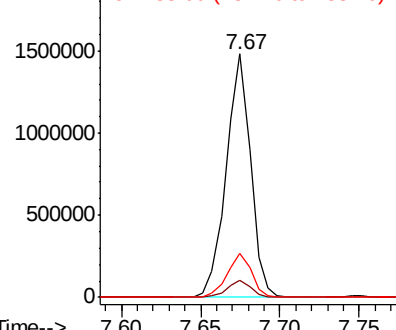
82 100

95 7.1 5.6 8.4

138 18.0 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.628 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

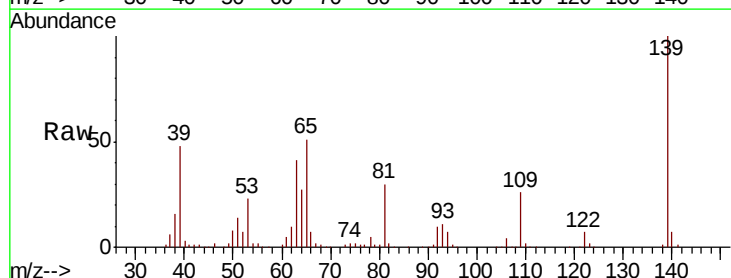
Tgt Ion: 139 Resp: 437745

Ion Ratio Lower Upper

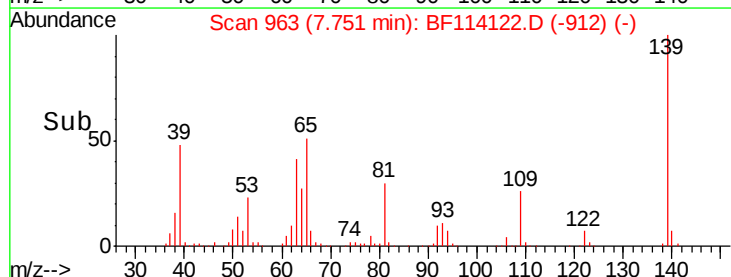
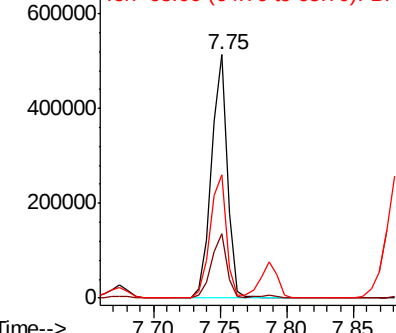
139 100

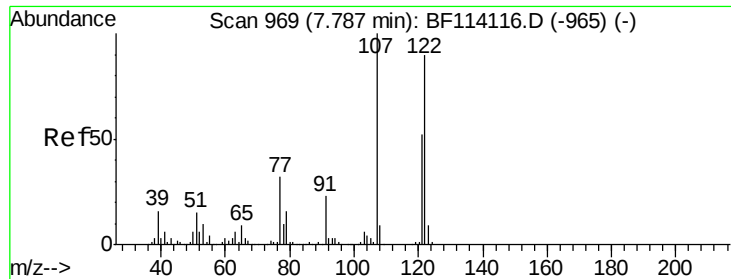
109 26.4 20.7 31.1

65 50.8 40.2 60.2



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

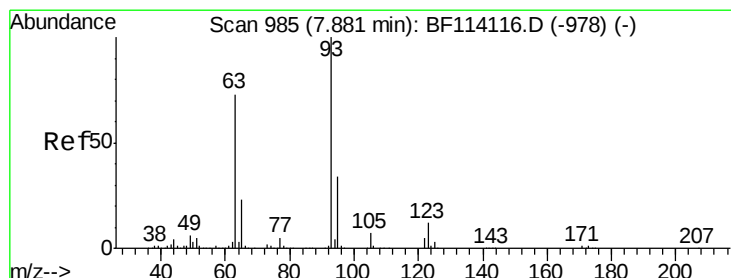
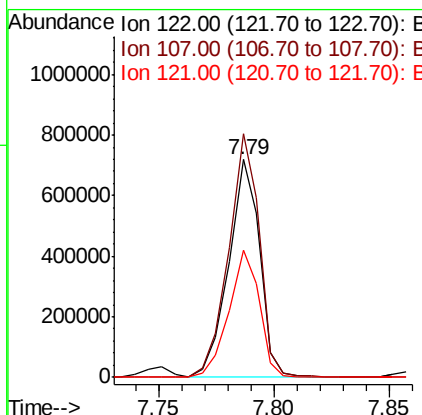
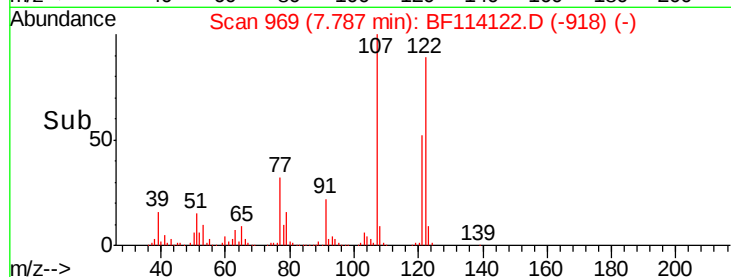
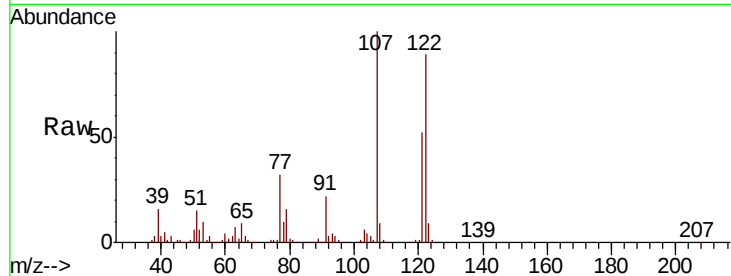




#27
 2,4-Dimethylphenol
 Concen: 40.391 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

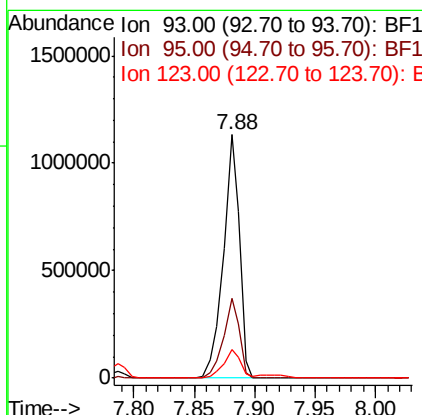
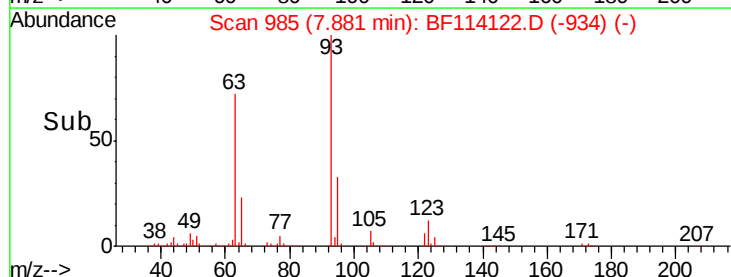
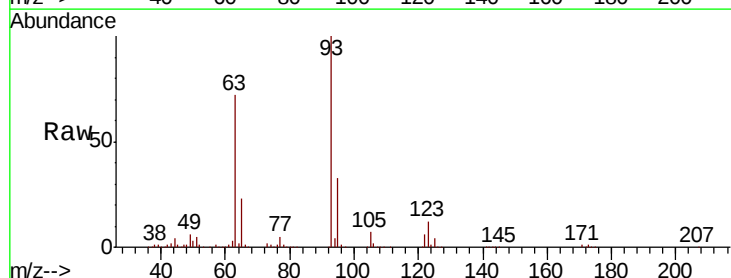
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

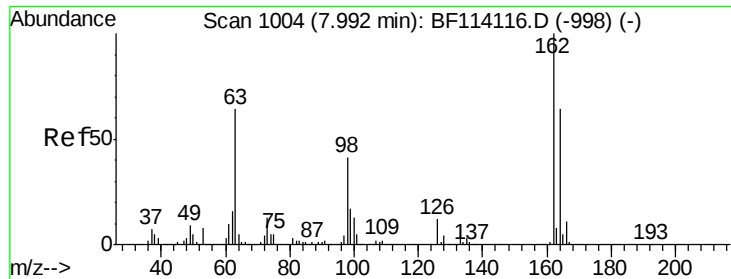
Tot Ion:122 Resp: 667084
 Ion Ratio Lower Upper
 122 100
 107 111.9 88.4 132.6
 121 58.2 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.595 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion: 93 Resp: 1039545
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.8 40.2
 123 11.9 9.5 14.3

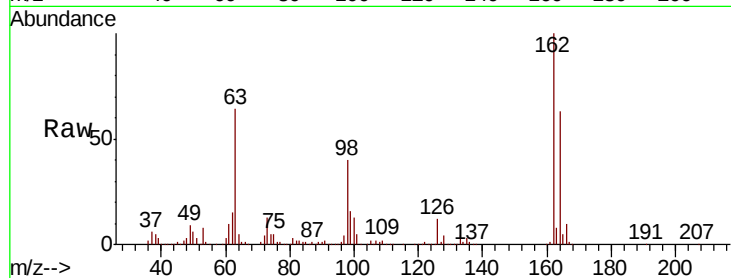




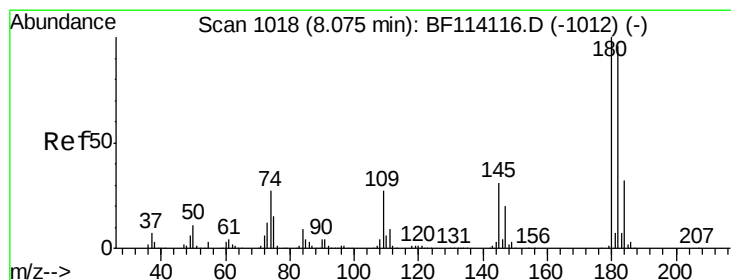
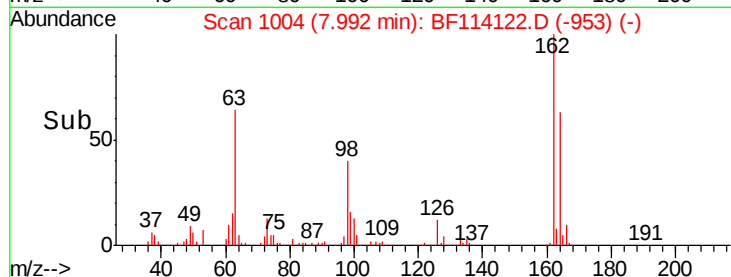
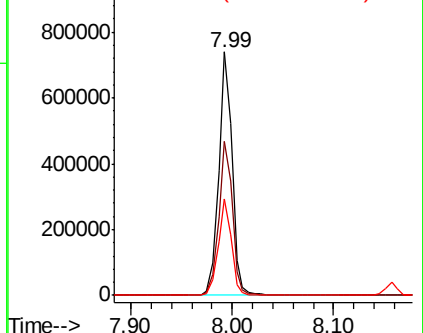
#29
2,4-Dichlorophenol
Concen: 41.090 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	39.7	20.6	60.6

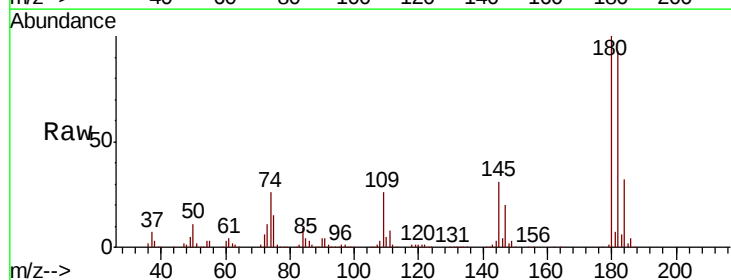


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

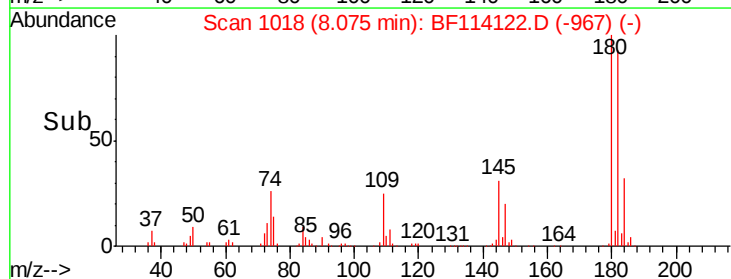
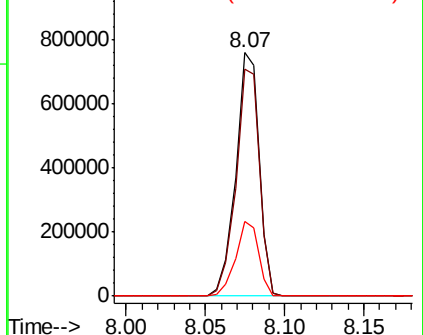


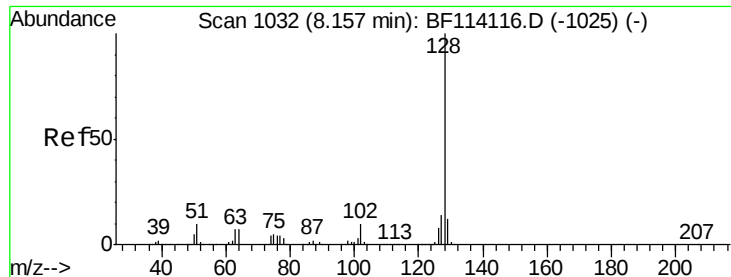
#30
1,2,4-Trichlorobenzene
Concen: 41.459 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.6	114.8
145	30.6	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

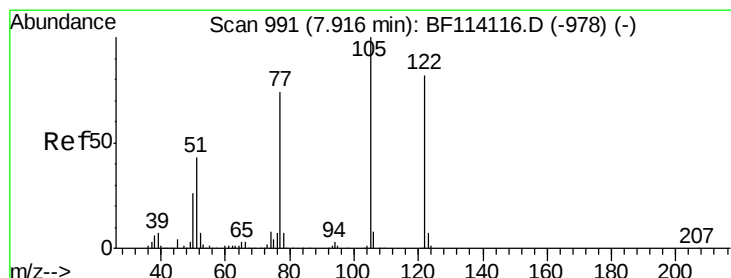
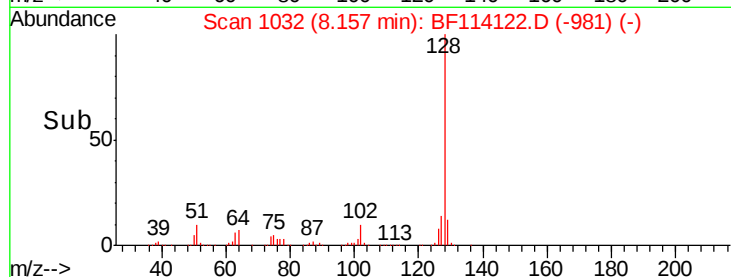
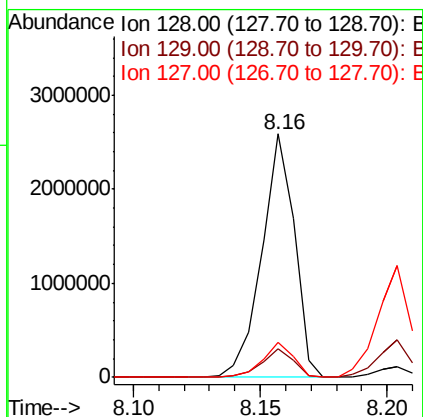
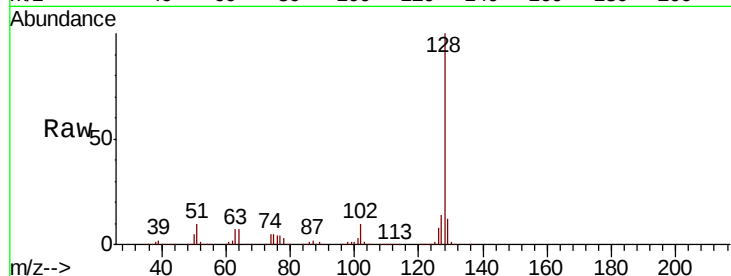




#31
Naphthalene
Concen: 41.558 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

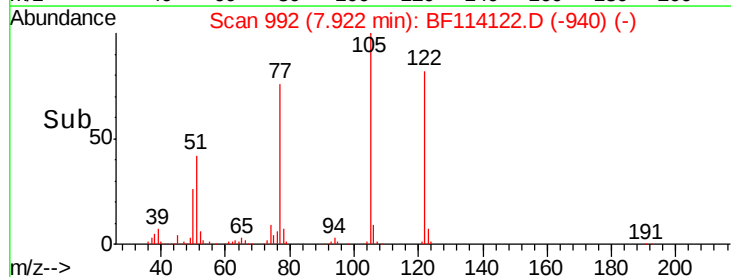
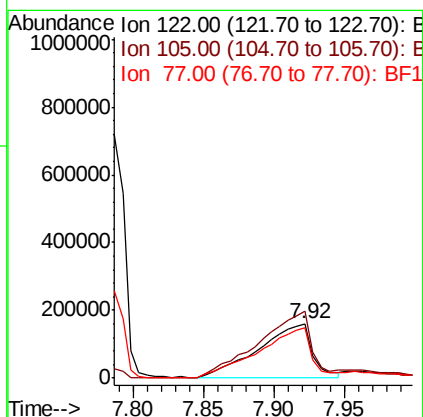
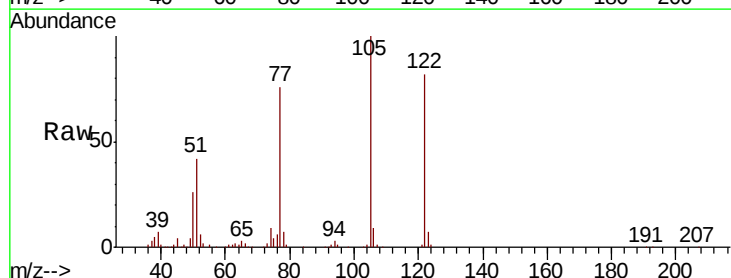
Instrument :
BNA_F
ClientSampleId :
ICVBF051019

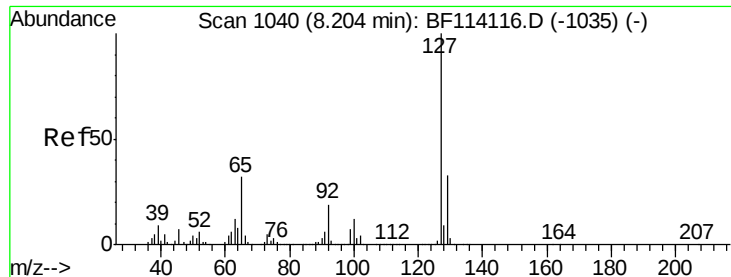
Tot Ion:128 Resp: 2318367
Ion Ratio Lower Upper
128 100
129 12.0 9.6 14.4
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 36.983 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:122 Resp: 413298
Ion Ratio Lower Upper
122 100
105 121.4 99.9 139.9
77 92.1 69.4 109.4

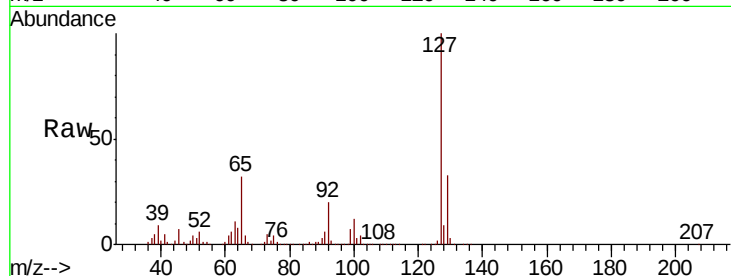




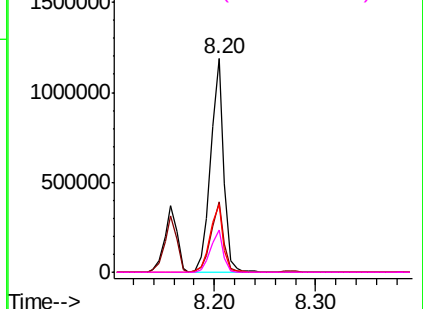
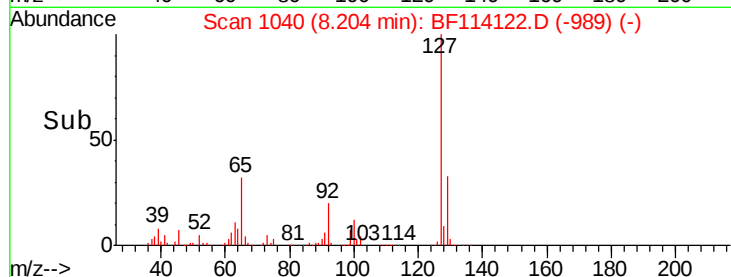
#33
4-Chloroaniline
Concen: 41.728 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:	127	Resp:	1060786
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	31.9	25.4	38.0
92	19.8	15.4	23.2

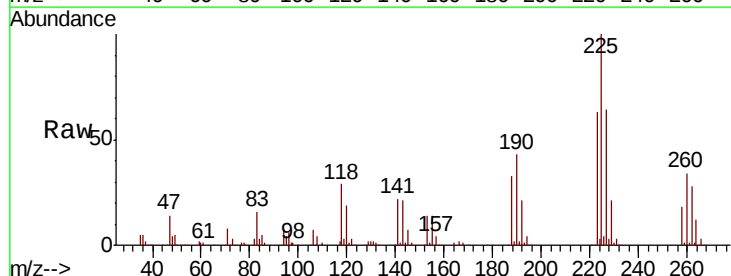


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

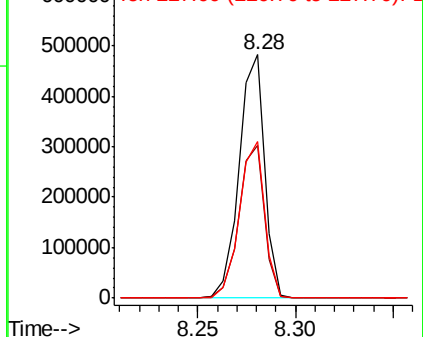
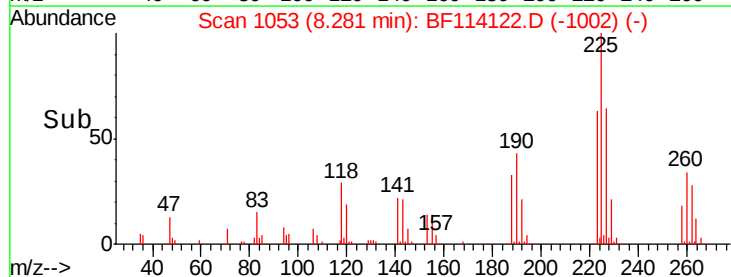


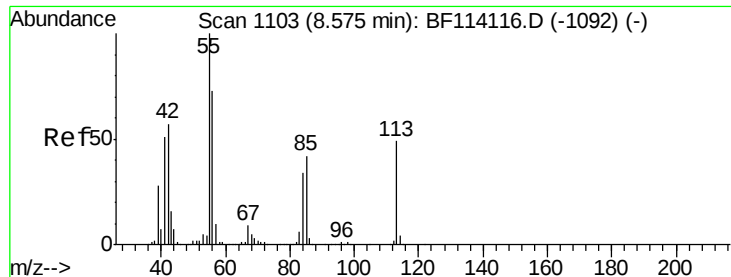
#34
Hexachlorobutadiene
Concen: 41.035 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:	225	Resp:	436639
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	64.4	52.6	79.0



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





#35

Caprolactam

Concen: 43.943 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

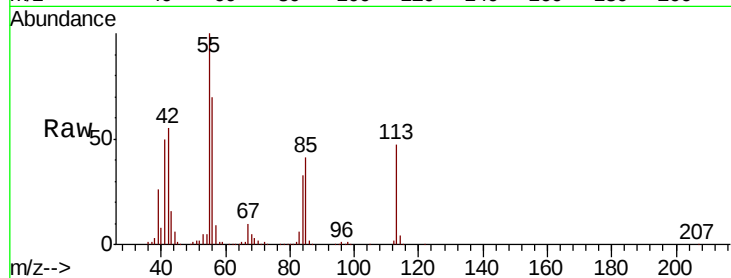
Tot Ion:113 Resp: 235645

Ion Ratio Lower Upper

113 100

55 211.0 183.5 223.5

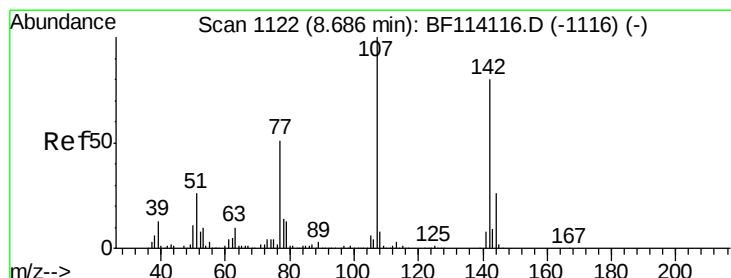
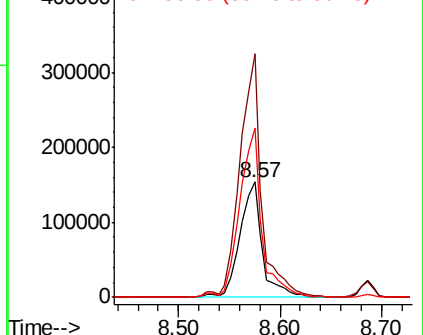
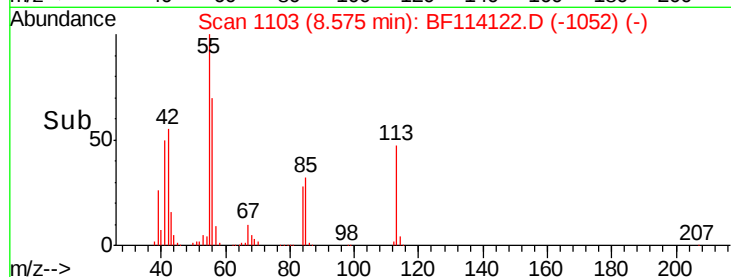
56 146.8 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.692 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

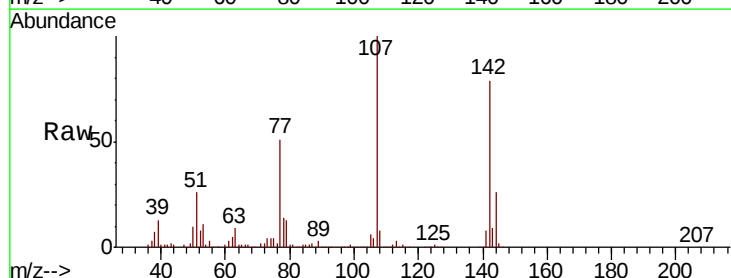
Tgt Ion:107 Resp: 706730

Ion Ratio Lower Upper

107 100

144 25.8 20.4 30.6

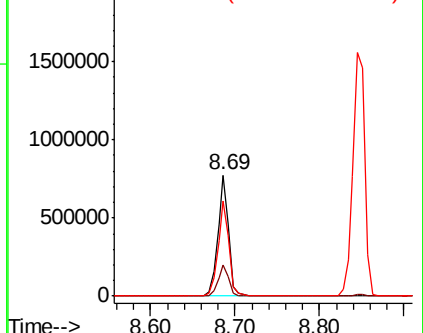
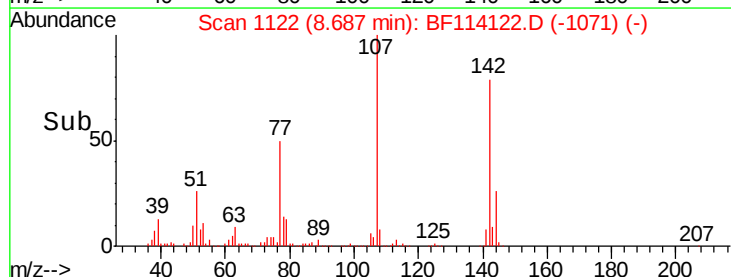
142 79.2 64.2 96.4

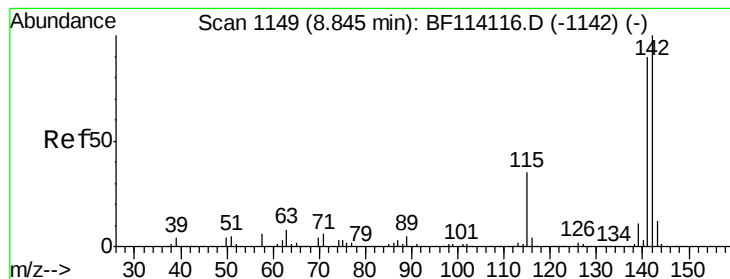


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.598 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

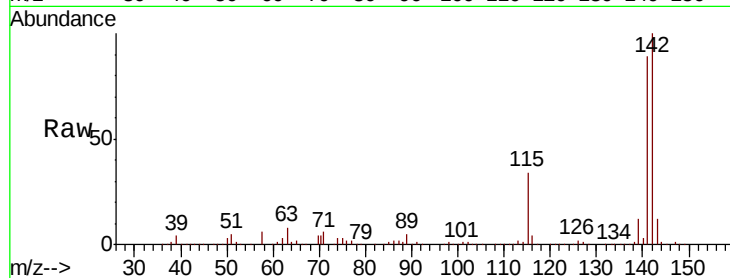
Tot Ion:142 Resp: 1533220

Ion Ratio Lower Upper

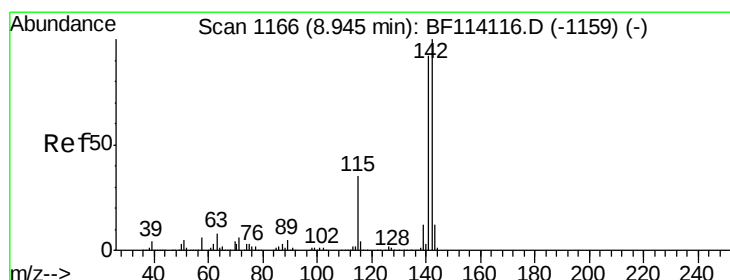
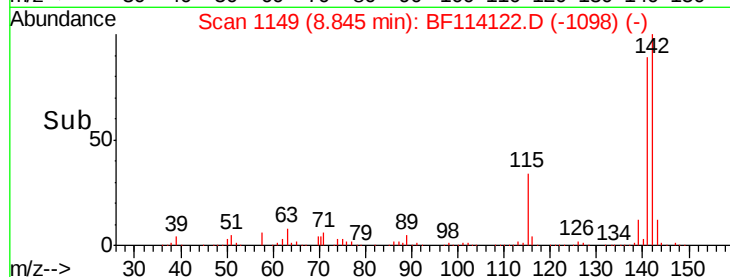
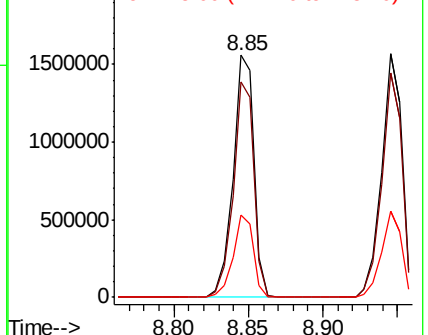
142 100

141 89.0 72.1 108.1

115 34.2 28.0 42.0



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: 43.021 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

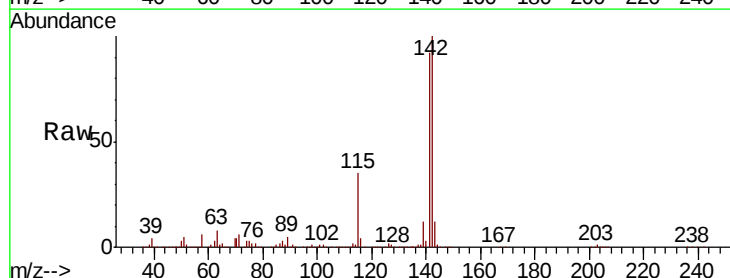
Tgt Ion:142 Resp: 1458222

Ion Ratio Lower Upper

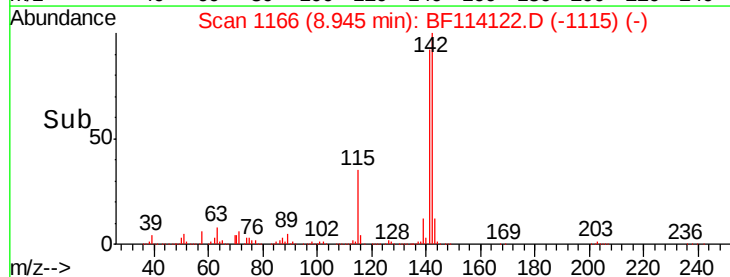
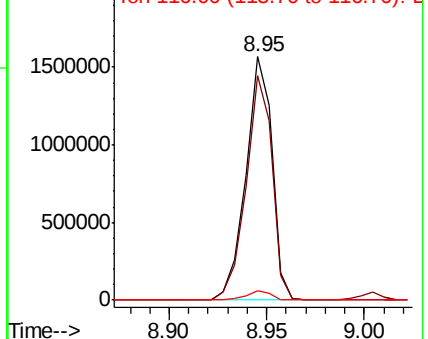
142 100

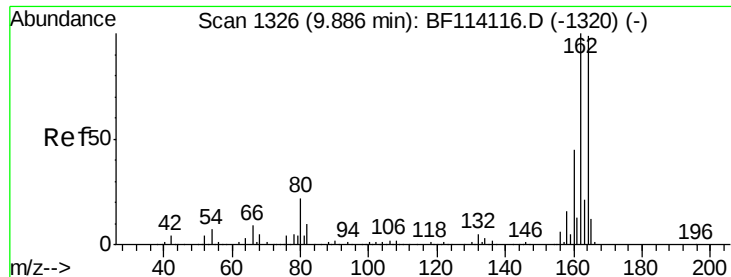
141 92.3 73.4 110.0

116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

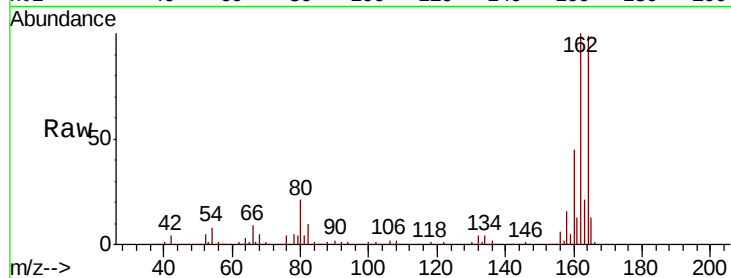
Tot Ion:164 Resp: 568145

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 45.6 36.5 54.7

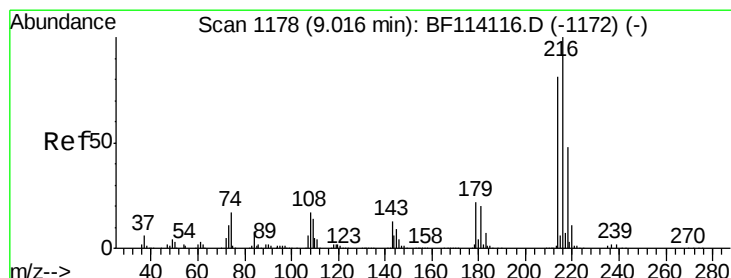
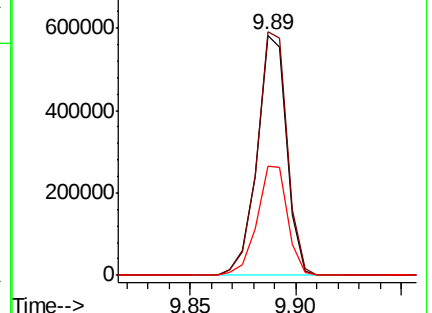
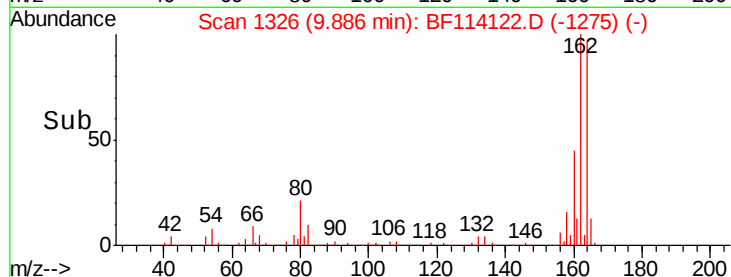


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.571 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:216 Resp: 698246

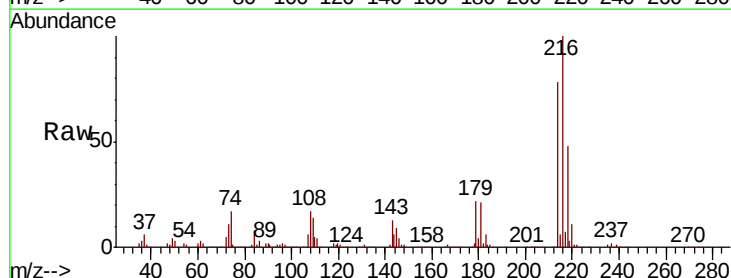
Ion Ratio Lower Upper

216 100

214 78.8 63.9 95.9

179 21.4 17.0 25.6

108 18.6 14.8 22.2



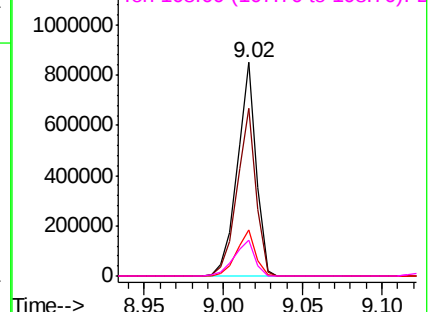
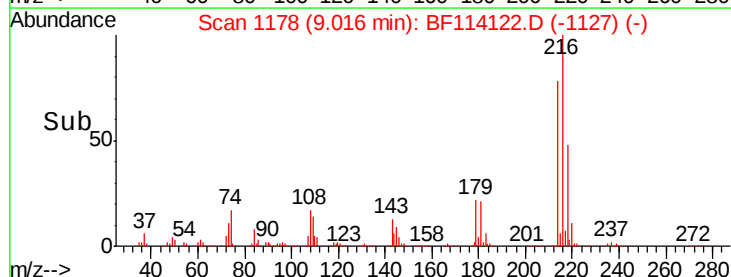
Abundance

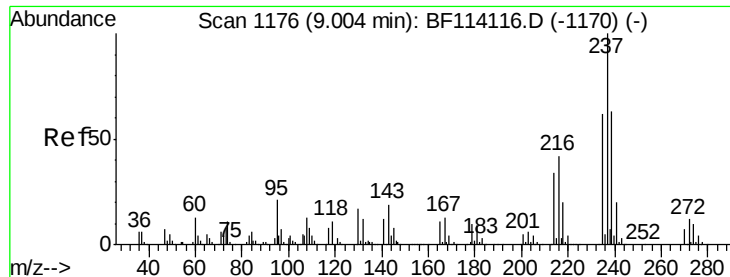
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.042 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

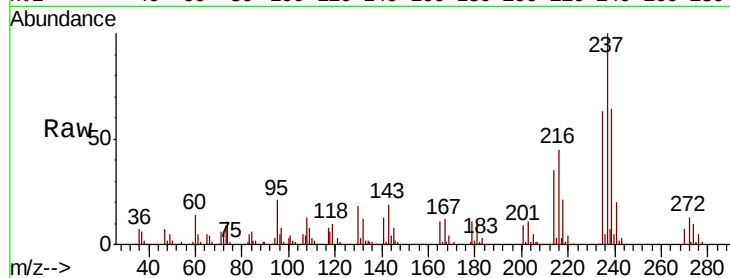
Tot Ion:237 Resp: 302748

Ion Ratio Lower Upper

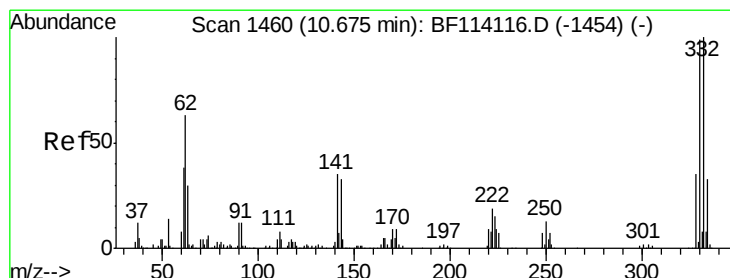
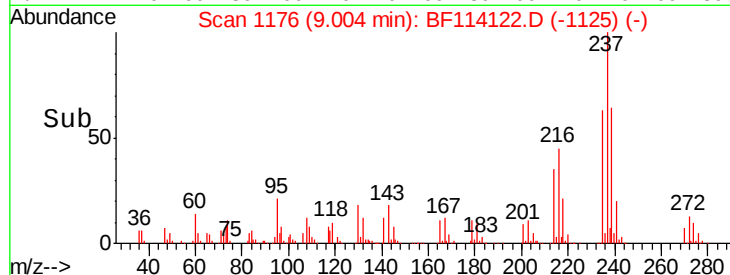
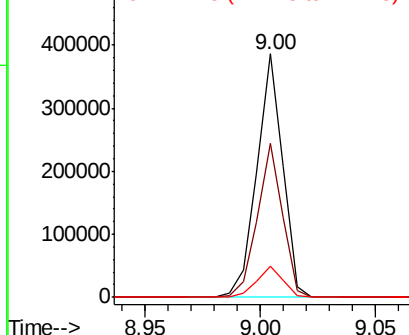
237 100

235 63.2 42.0 82.0

272 12.8 0.0 32.4



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



#42

2,4,6-Tribromophenol

Concen: 79.326 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

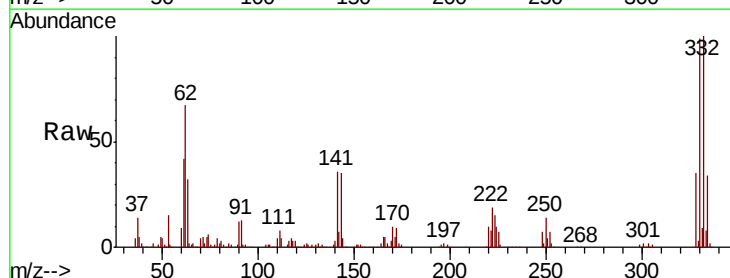
Tgt Ion:330 Resp: 465937

Ion Ratio Lower Upper

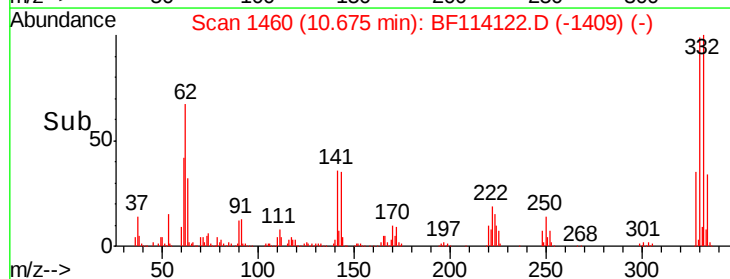
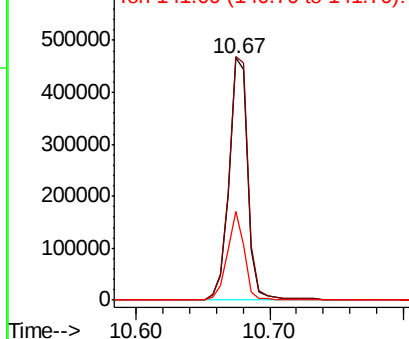
330 100

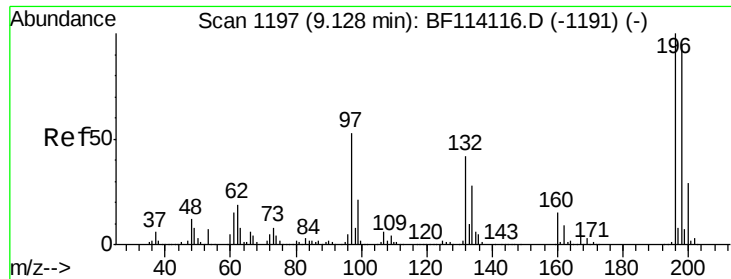
332 102.6 81.4 122.2

141 33.1 26.6 40.0



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

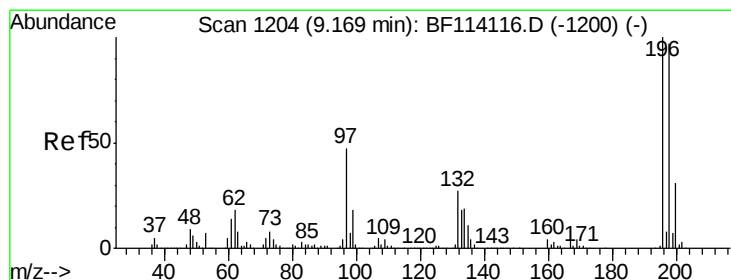
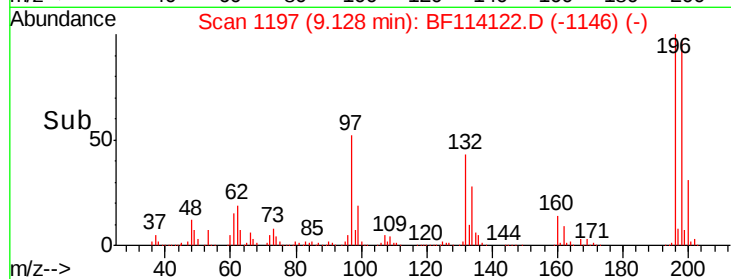
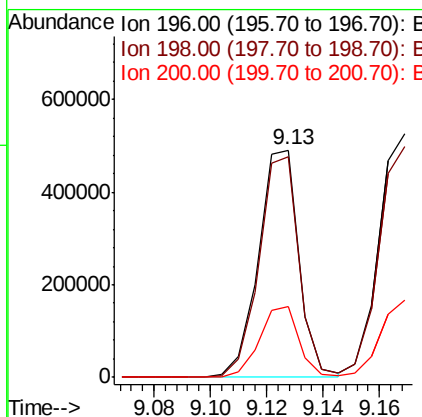
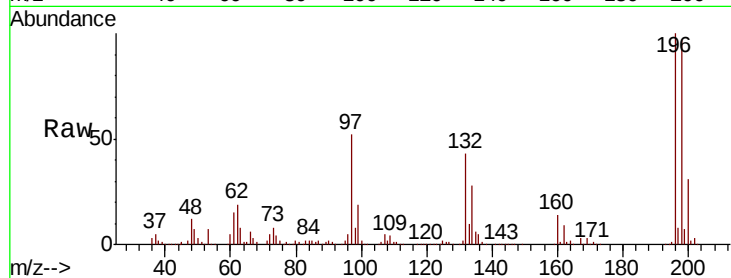




#43
 2,4,6-Trichlorophenol
 Concen: 41.037 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

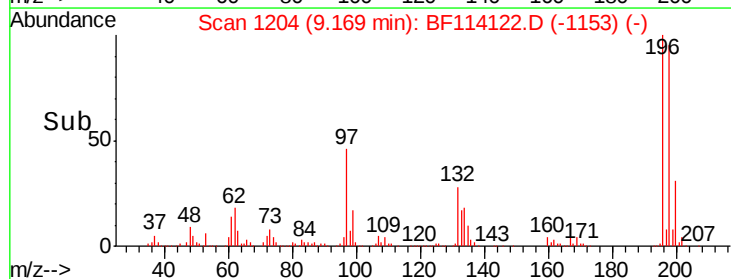
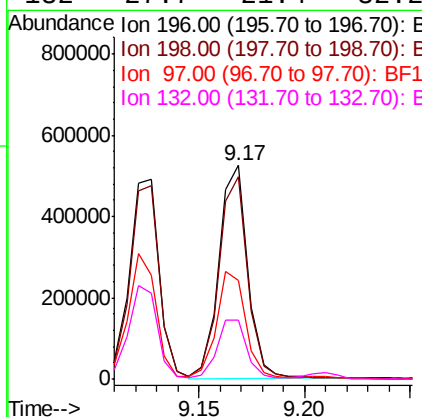
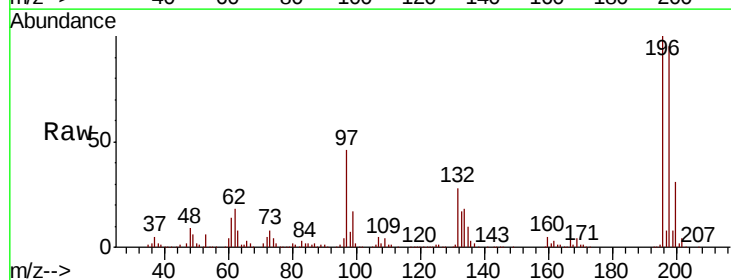
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

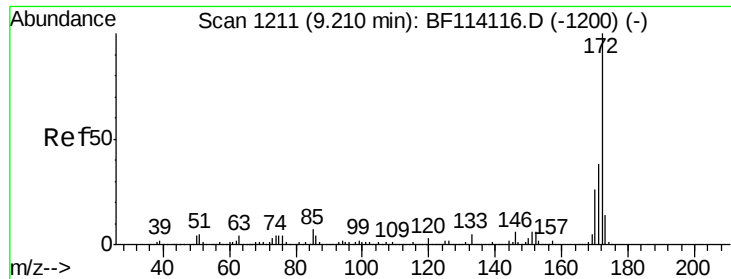
Tot Ion:196 Resp: 485781
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.9 113.9
 200 31.2 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.704 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion:196 Resp: 494157
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.7 116.5
 97 46.2 38.2 57.2
 132 27.7 21.4 32.2

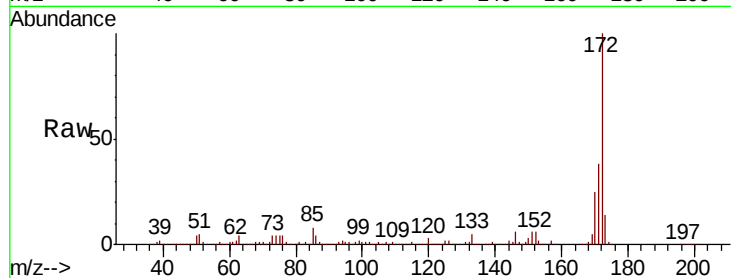




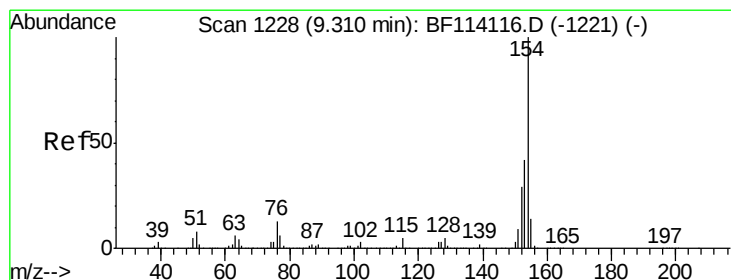
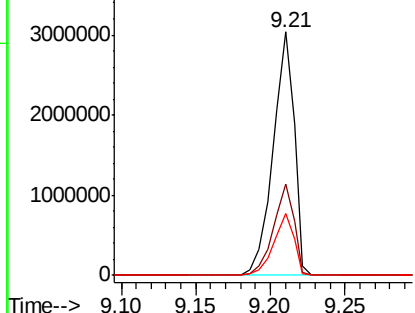
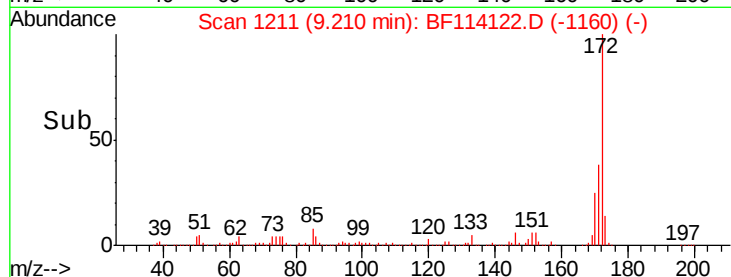
#45
 2-Fluorobiphenyl
 Concen: 79.093 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tot Ion:172 Resp: 2970672
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.7 46.1
 170 25.5 20.5 30.7

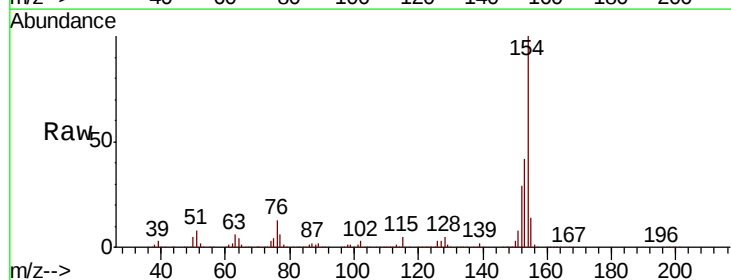


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

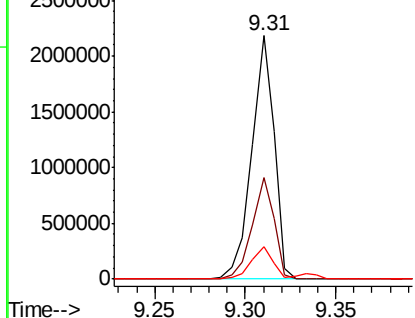
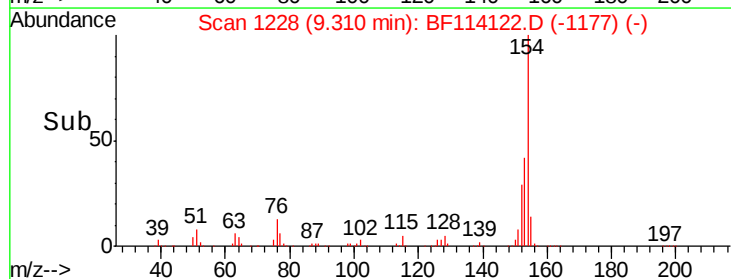


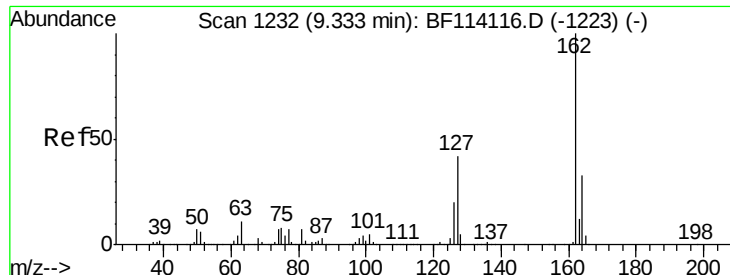
#46
 1,1'-Biphenyl
 Concen: 40.800 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion:154 Resp: 1872638
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.9 61.9
 76 13.3 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

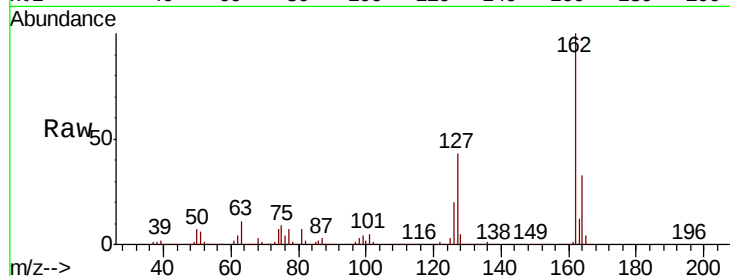




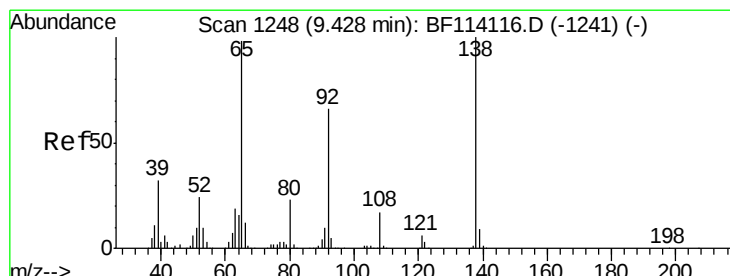
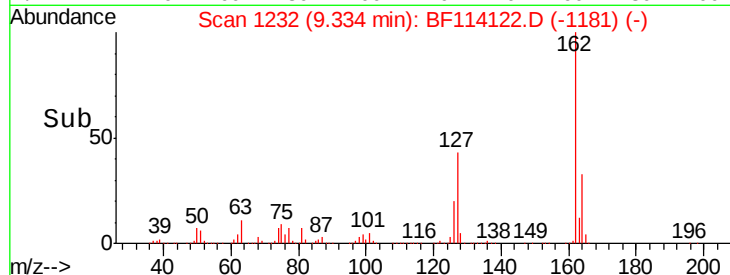
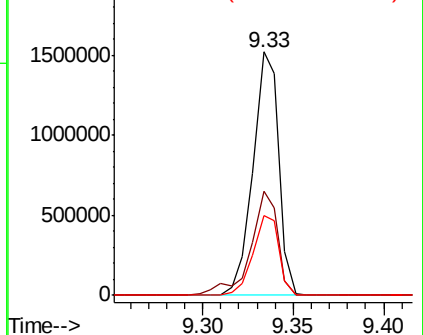
#47
 2-Chloronaphthalene
 Concen: 40.749 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

Tot Ion:162 Resp: 1505211
 Ion Ratio Lower Upper
 162 100
 127 42.9 34.0 51.0
 164 32.8 26.7 40.1

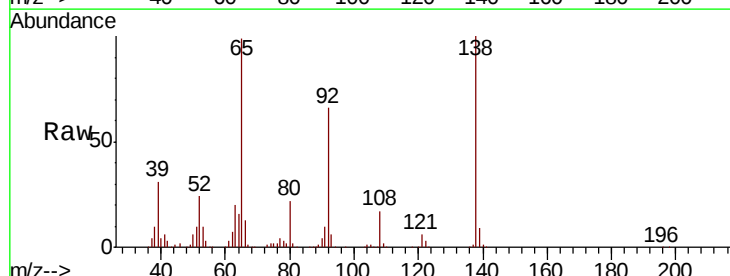


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

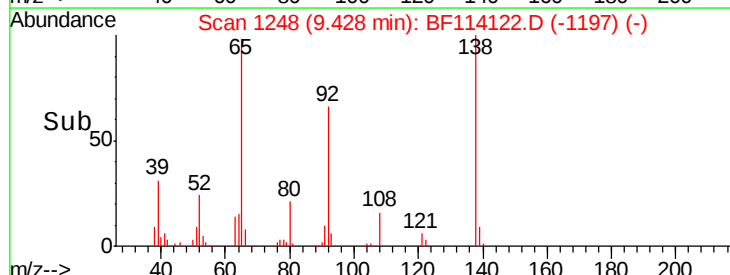
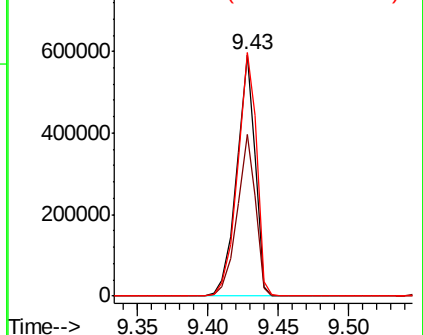


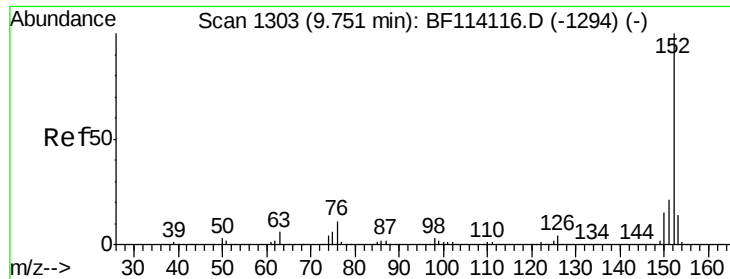
#48
 2-Nitroaniline
 Concen: 40.746 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion: 65 Resp: 533784
 Ion Ratio Lower Upper
 65 100
 92 66.9 53.9 80.9
 138 101.0 81.4 122.0



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: 41.312 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

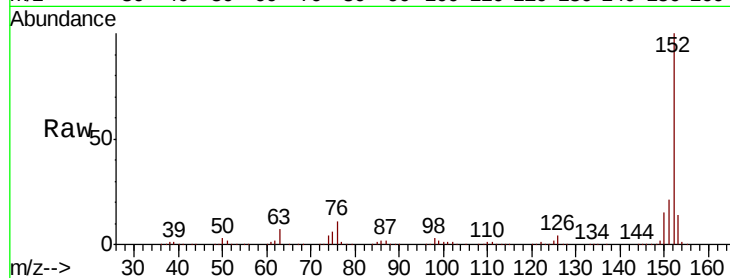
Tot Ion:152 Resp: 2320957

Ion Ratio Lower Upper

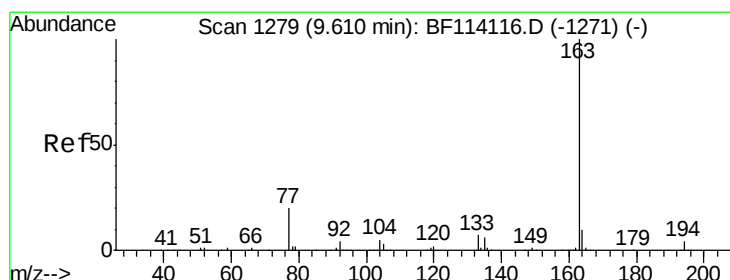
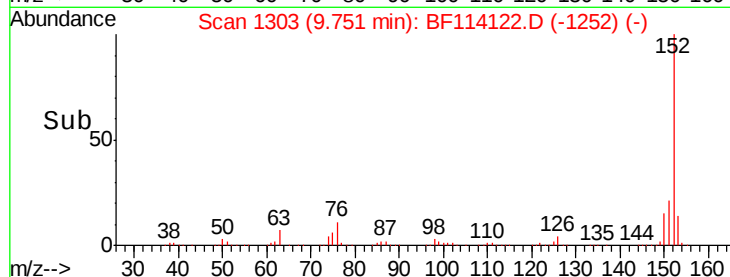
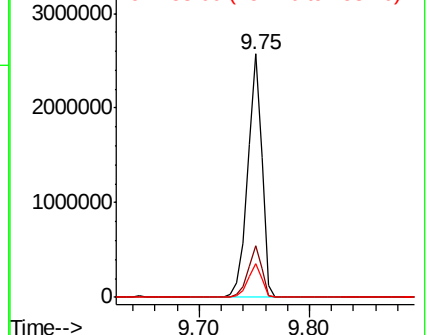
152 100

151 21.1 16.8 25.2

153 14.1 11.4 17.2



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



#50

Dimethylphthalate

Concen: 40.295 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

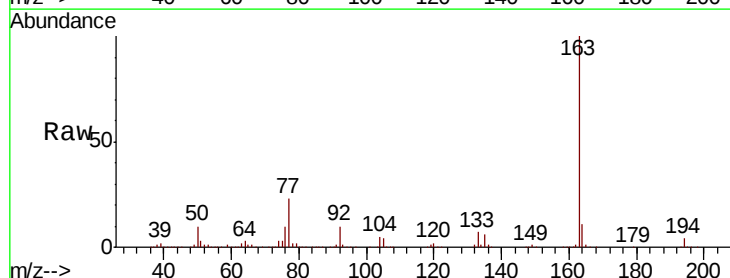
Tgt Ion:163 Resp: 1680596

Ion Ratio Lower Upper

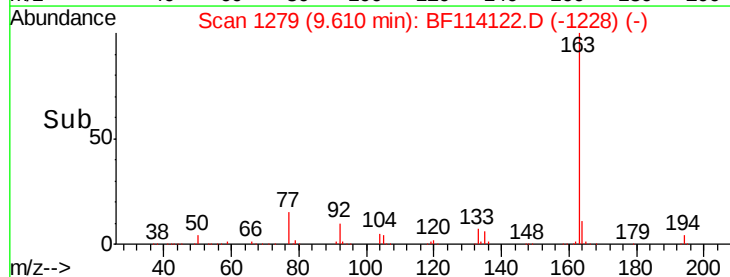
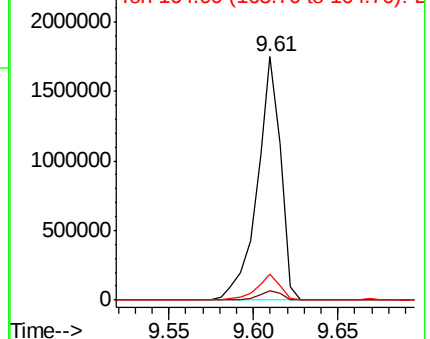
163 100

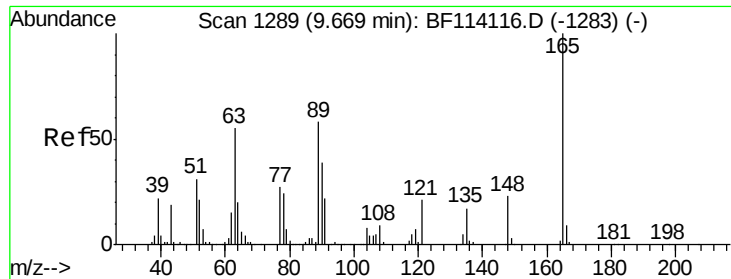
194 4.1 3.4 5.0

164 10.8 8.2 12.2



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

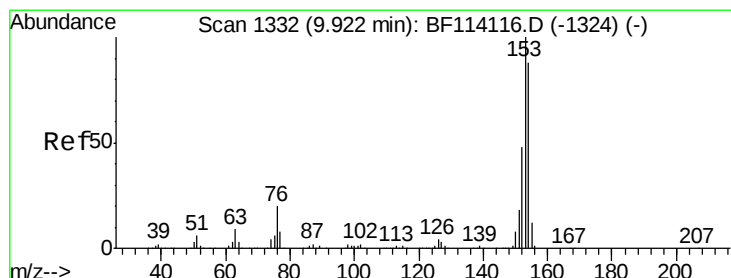
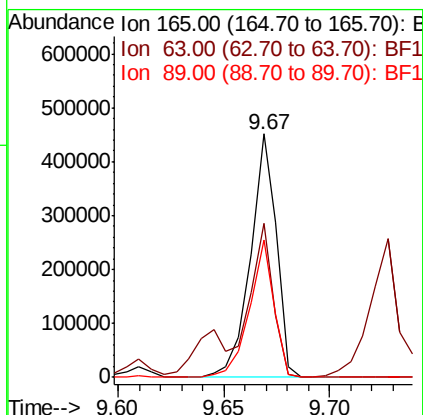
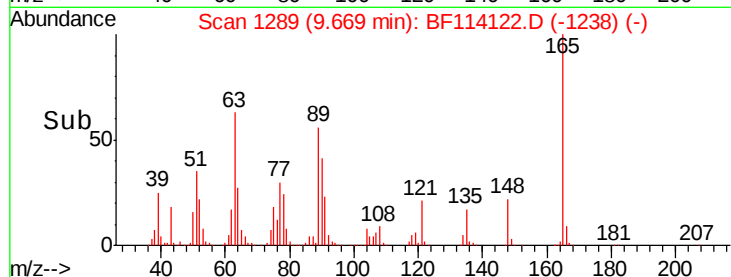
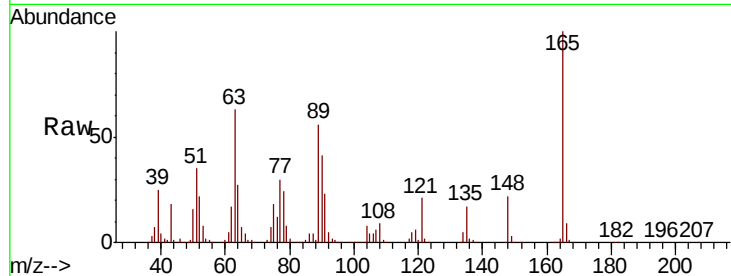




#51
 2,6-Dinitrotoluene
 Concen: 41.636 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

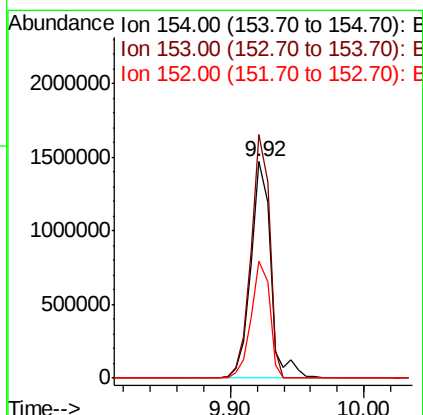
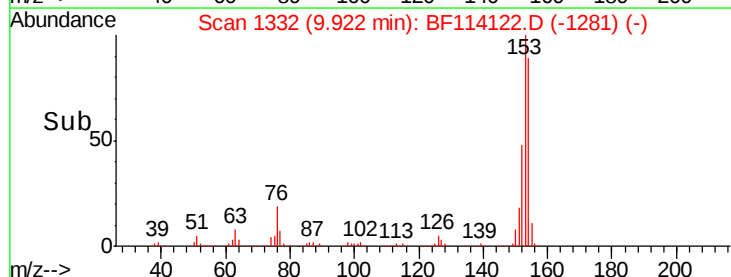
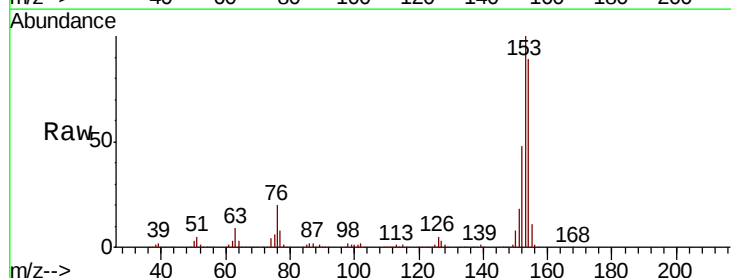
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

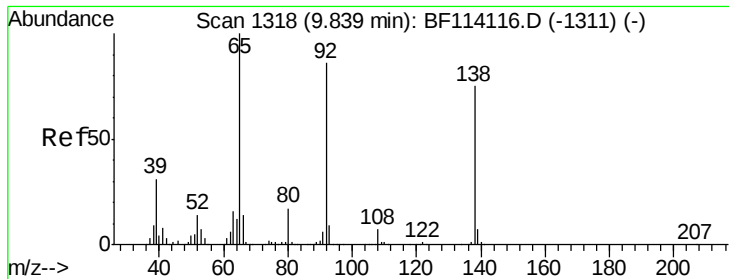
Tot Ion	Ratio	Lower	Upper
165	100		
63	63.1	50.2	75.4
89	56.2	46.6	69.8



#52
 Acenaphthene
 Concen: 43.420 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.5	135.7
152	54.0	43.4	65.2

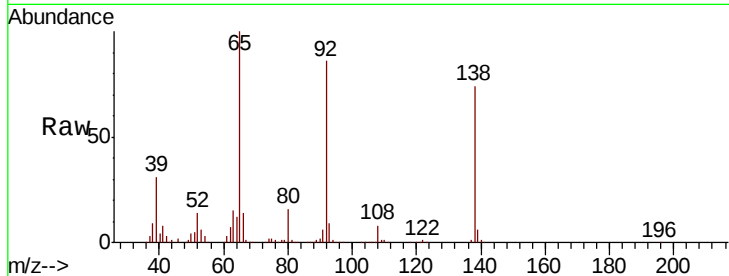




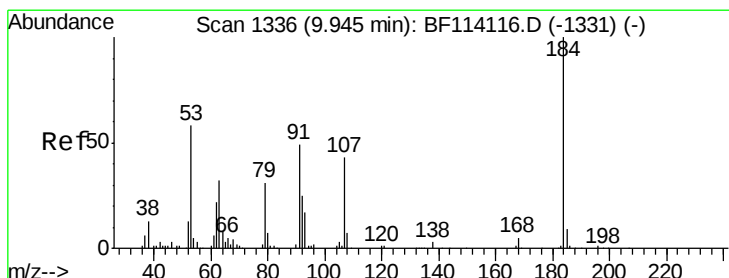
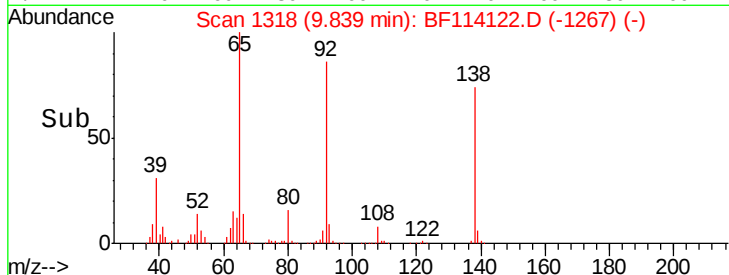
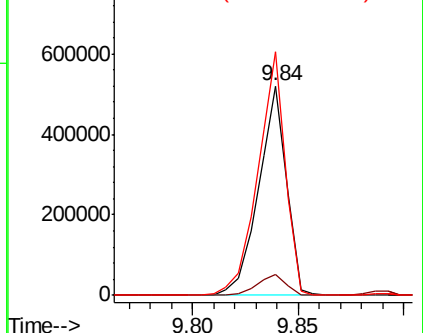
#53
3-Nitroaniline
Concen: 41.660 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:138 Resp: 478393
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 116.3 91.2 136.8

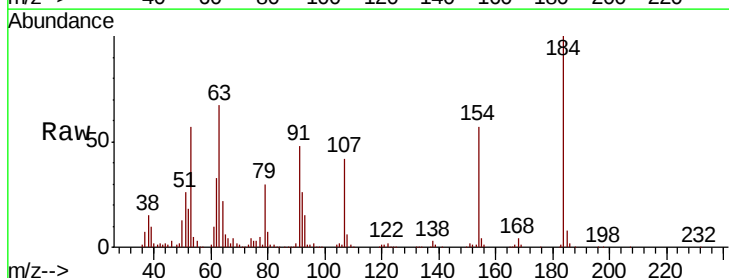


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

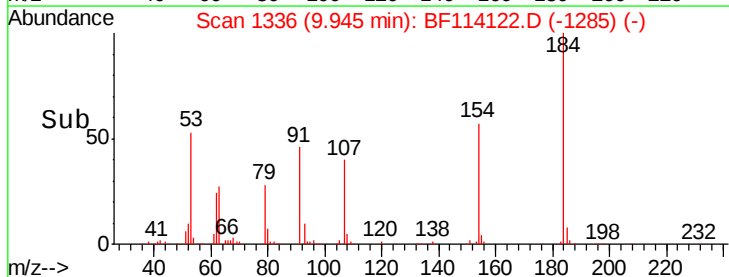
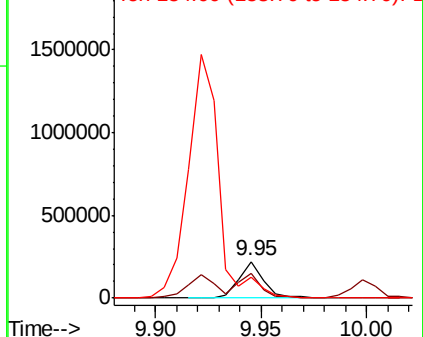


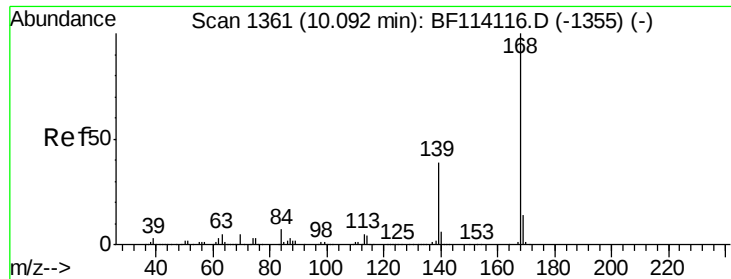
#54
2,4-Dinitrophenol
Concen: 42.100 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:184 Resp: 179596
Ion Ratio Lower Upper
184 100
63 66.5 55.6 83.4
154 57.0 46.0 69.0



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

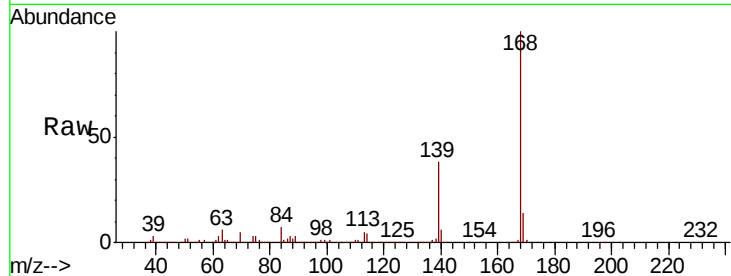




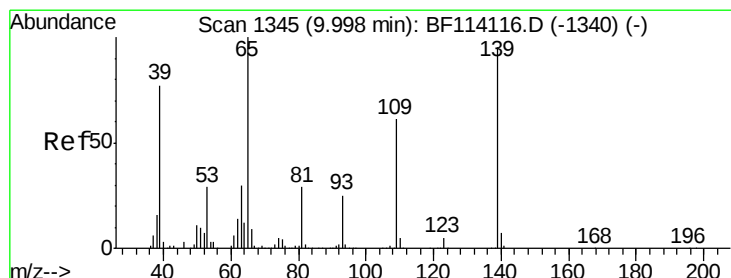
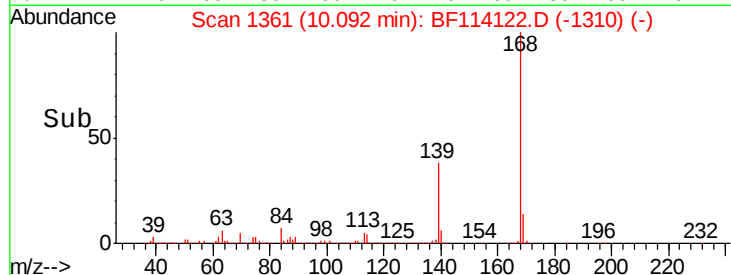
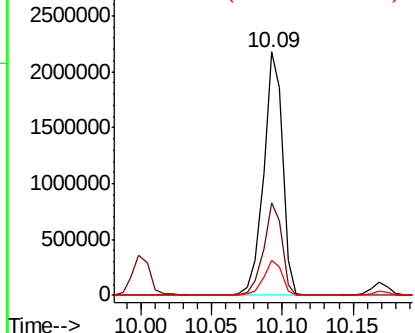
#55
Dibenzofuran
Concen: 40.879 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:168 Resp: 2066569
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 14.1 11.4 17.0

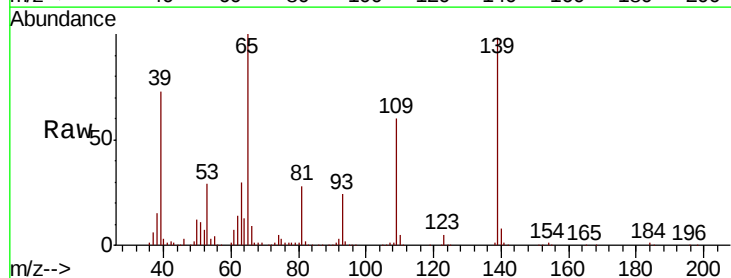


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

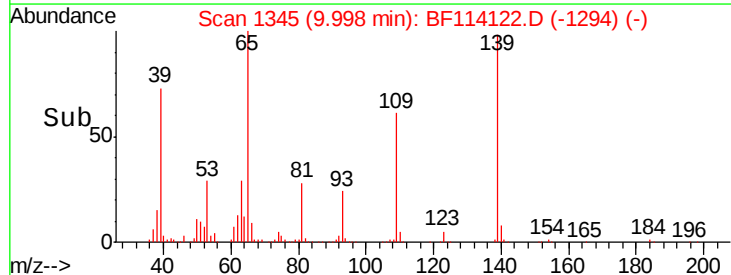
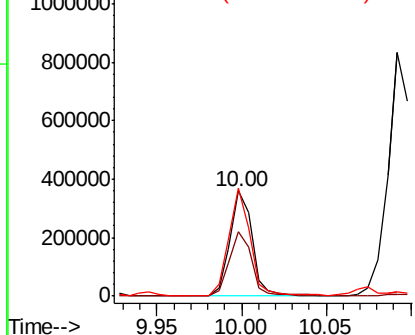


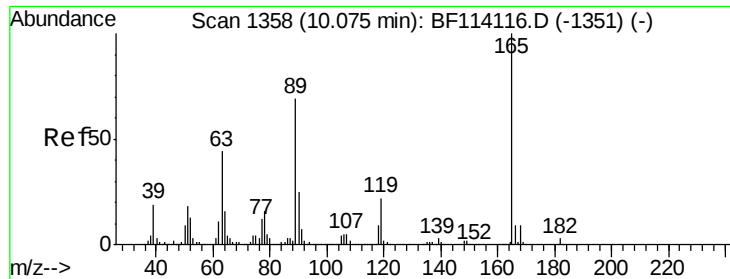
#56
4-Nitrophenol
Concen: 41.185 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:139 Resp: 334454
Ion Ratio Lower Upper
139 100
109 62.0 43.9 83.9
65 102.4 85.7 125.7



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

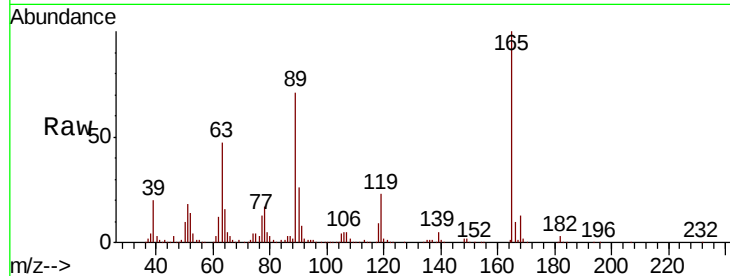




#57
2,4-Dinitrotoluene
Concen: 41.016 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	35.5	53.3
89	71.3	55.2	82.8
182	2.6	2.2	3.2



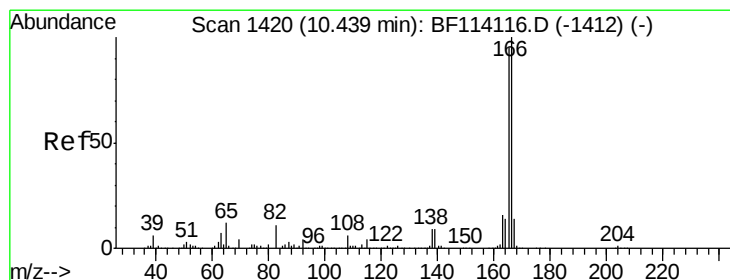
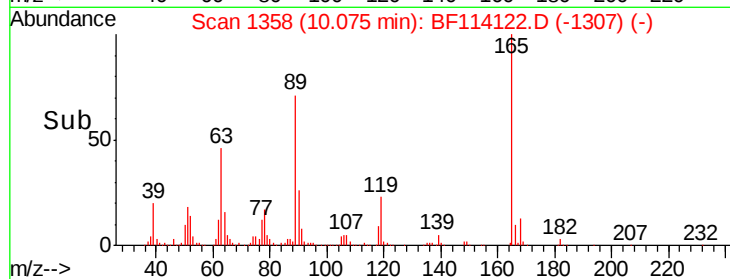
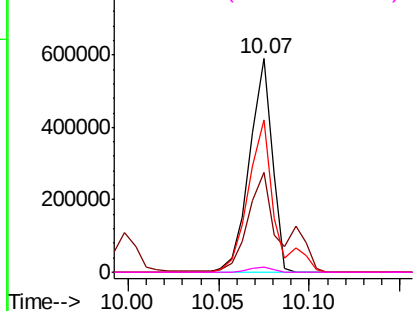
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

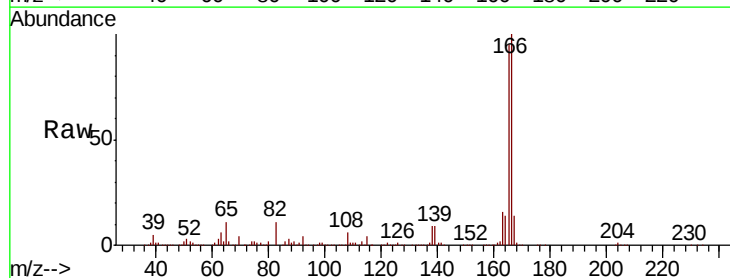
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.781 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.1	114.1
167	13.8	11.1	16.7

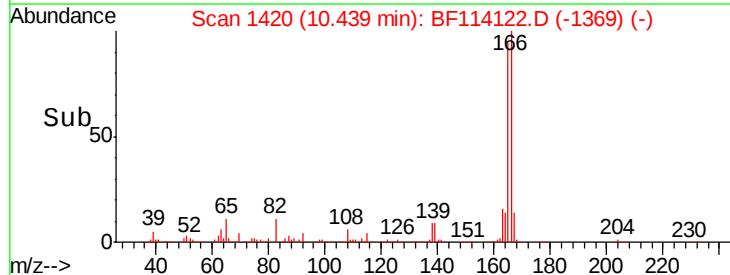
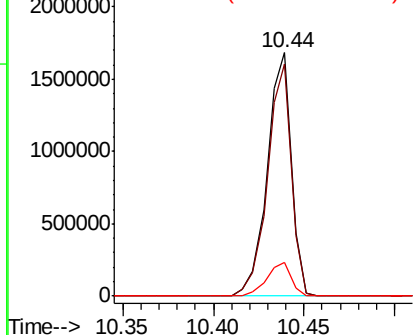


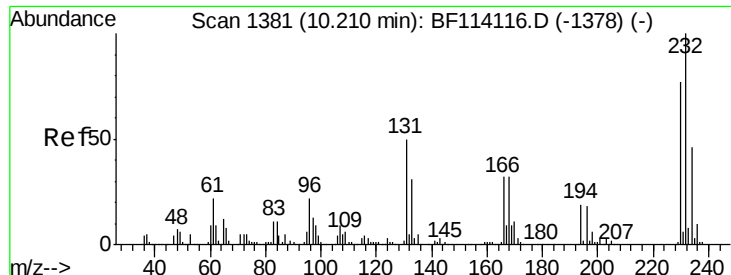
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

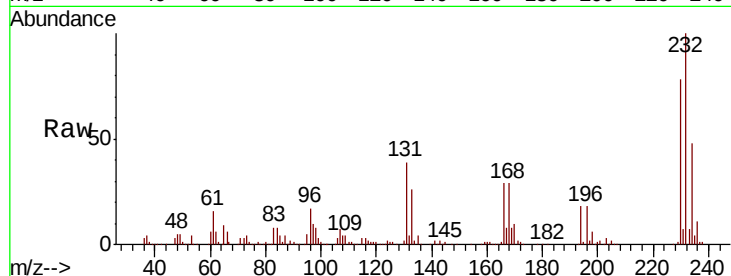




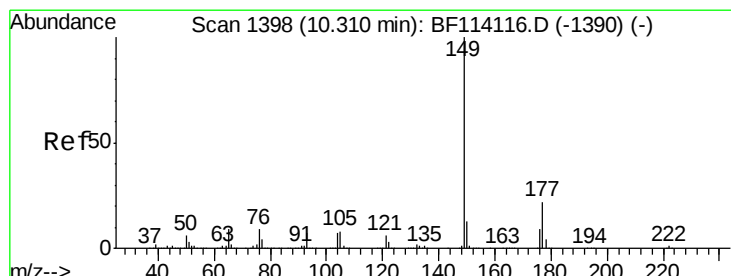
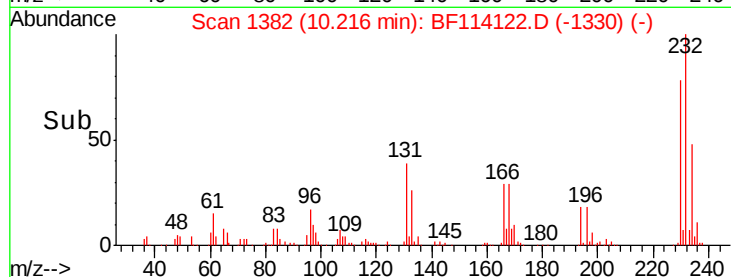
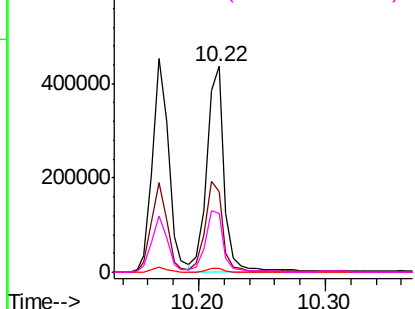
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.065 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:232 Resp: 419684
Ion Ratio Lower Upper
232 100
131 43.9 35.6 53.4
130 2.1 1.6 2.4
166 30.3 24.1 36.1

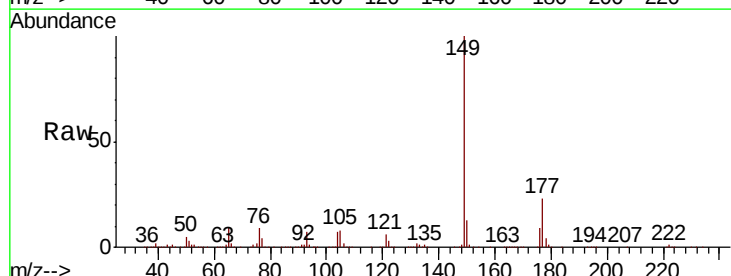


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

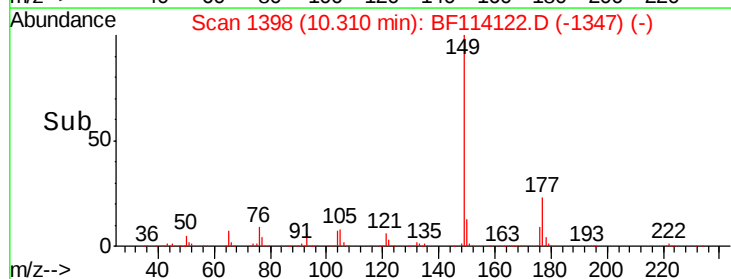
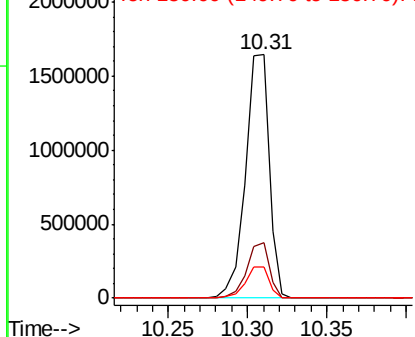


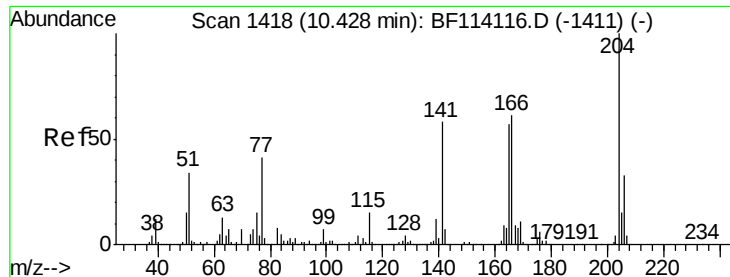
#60
Diethylphthalate
Concen: 40.127 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:149 Resp: 1700475
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.5 10.2 15.2



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

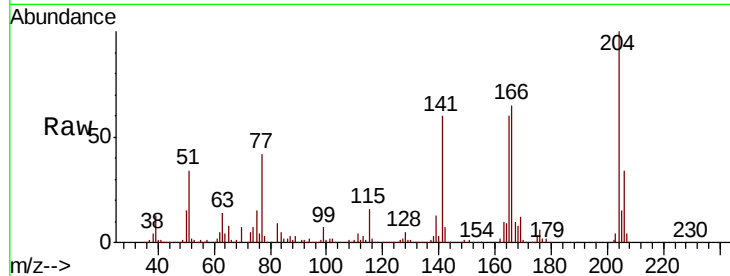




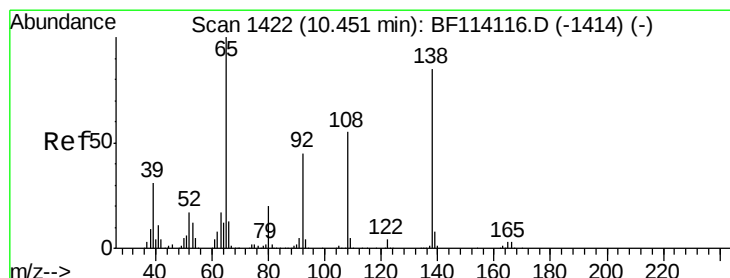
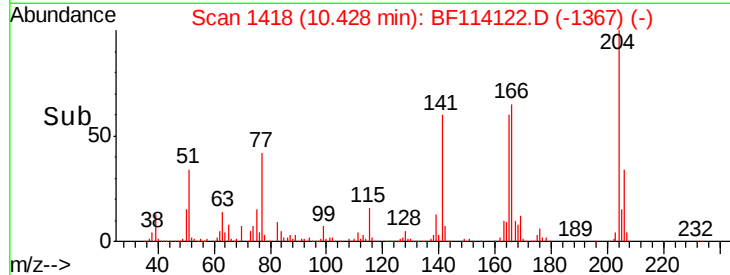
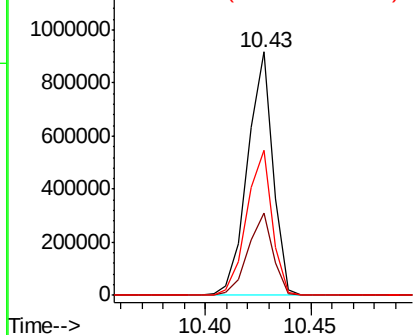
#61
4-Chlorophenyl-phenylether
Concen: 39.983 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:204 Resp: 766803
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 59.7 46.4 69.6

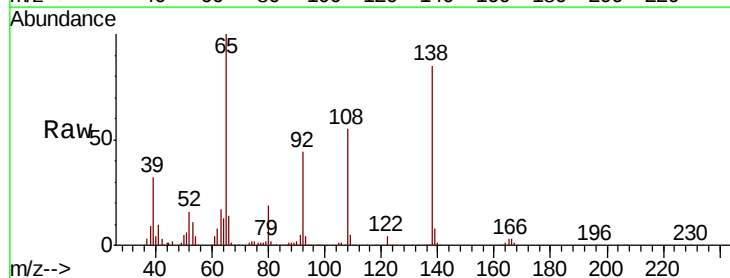


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

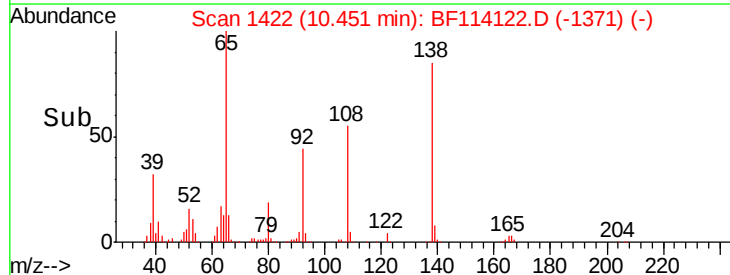
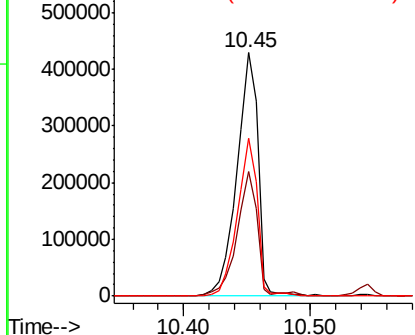


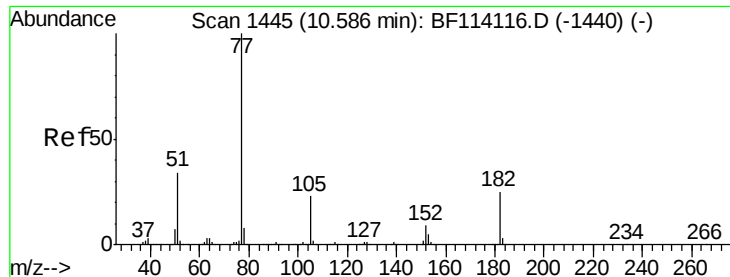
#62
4-Nitroaniline
Concen: 40.550 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:138 Resp: 489305
Ion Ratio Lower Upper
138 100
92 51.3 33.0 73.0
108 64.9 44.9 84.9



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





#63

Azobenzene

Concen: 40.075 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

Tot Ion: 77 Resp: 1643819

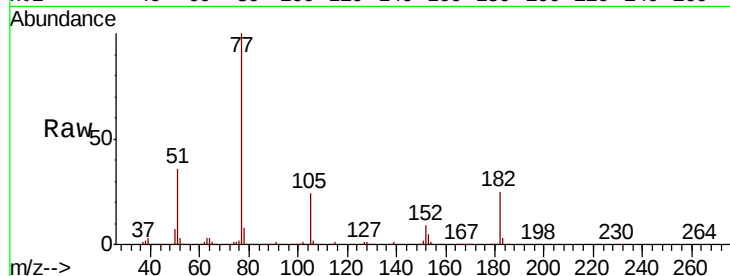
Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.7	44.7
105	23.7	2.9	42.9
51	35.7	14.6	54.6

77 100

182 24.8 4.7 44.7

105 23.7 2.9 42.9

51 35.7 14.6 54.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

3000000

2500000

2000000

1500000

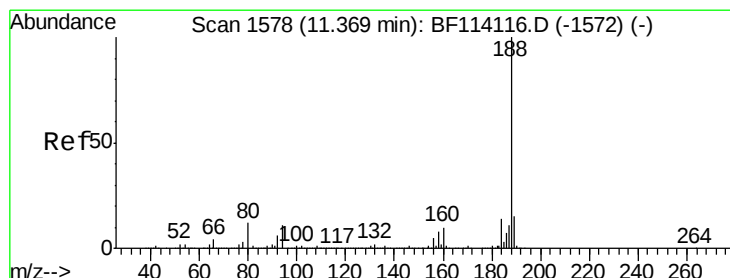
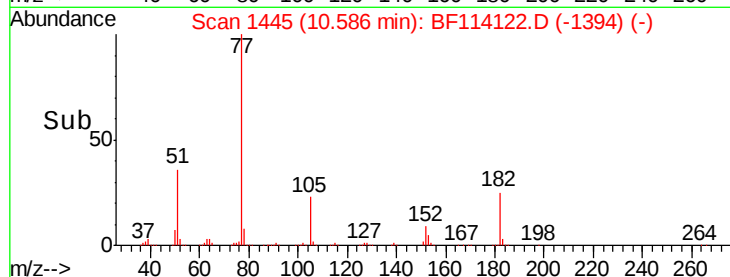
1000000

500000

0

10.55 10.60 10.65

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

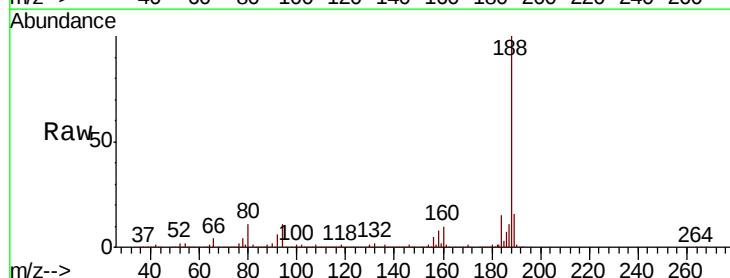
Tgt Ion: 188 Resp: 1121483

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	11.1	9.2	13.8

188 100

94 10.9 8.4 12.6

80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

1500000

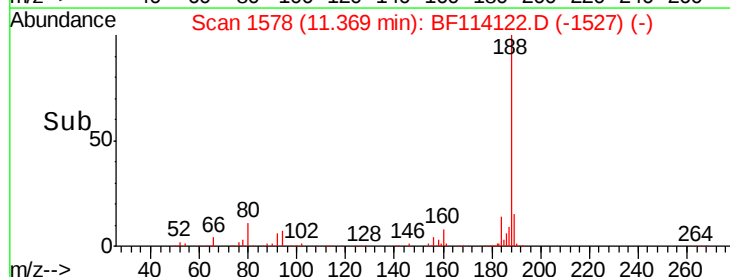
1000000

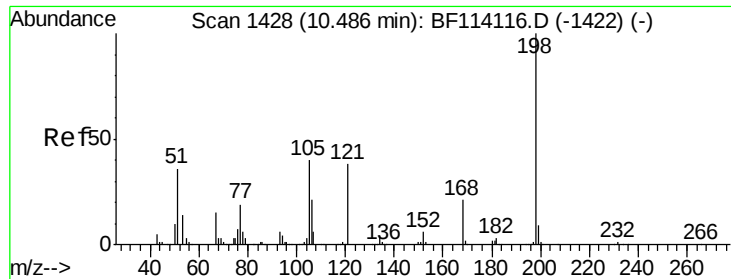
500000

0

11.30 11.35 11.40

Time-->

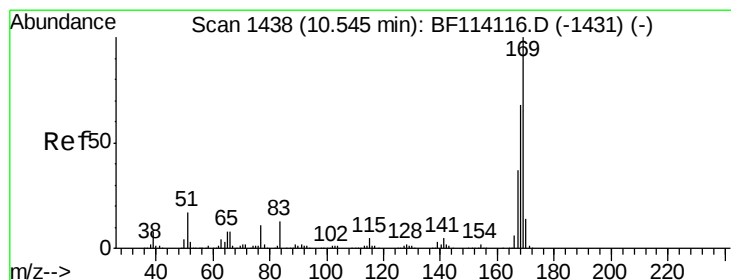
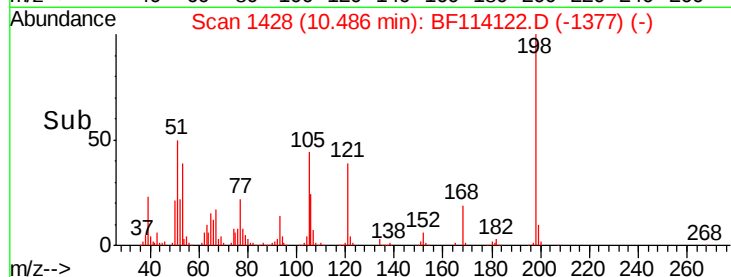
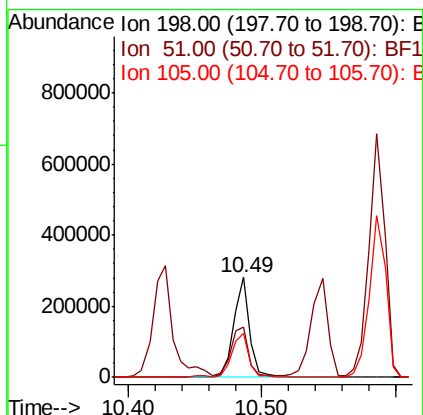
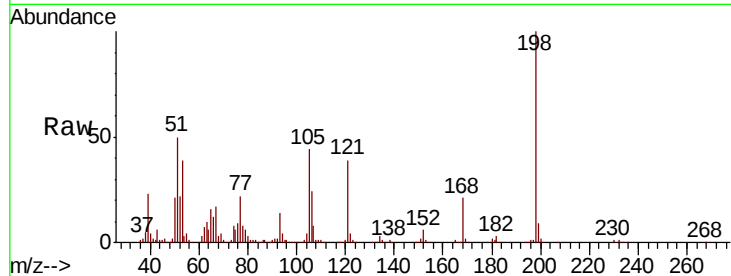




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.034 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

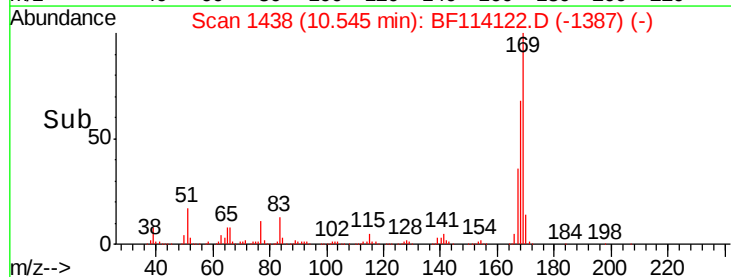
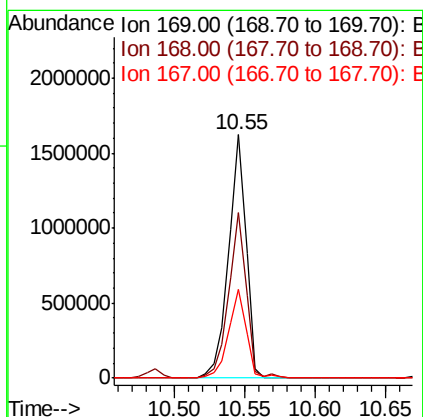
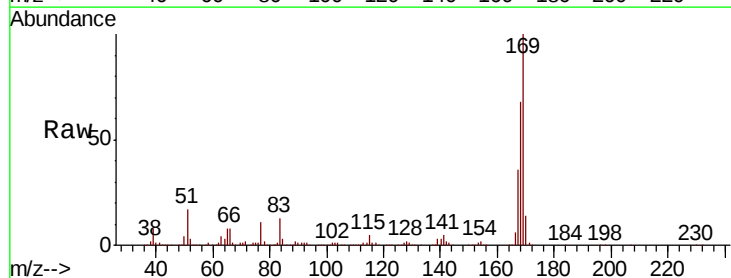
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

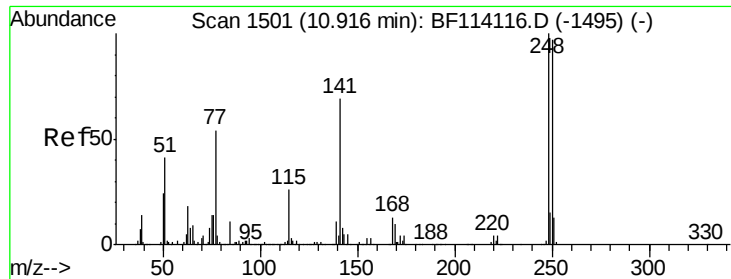
Tot Ion	Ratio	Lower	Upper
198	100		
51	50.3	28.0	68.0
105	44.0	21.1	61.1



#66
 n-Nitrosodiphenylamine
 Concen: 41.317 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.2	81.2
167	36.5	29.8	44.8

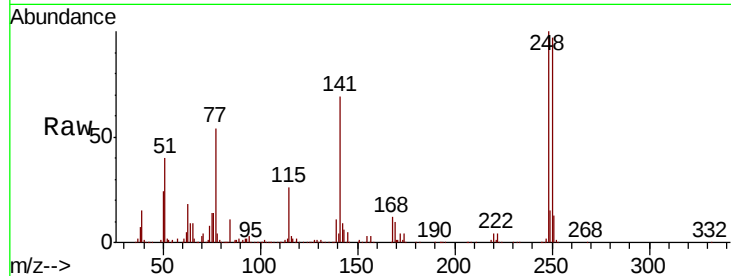




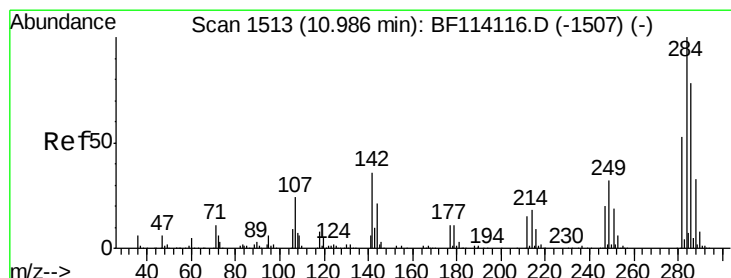
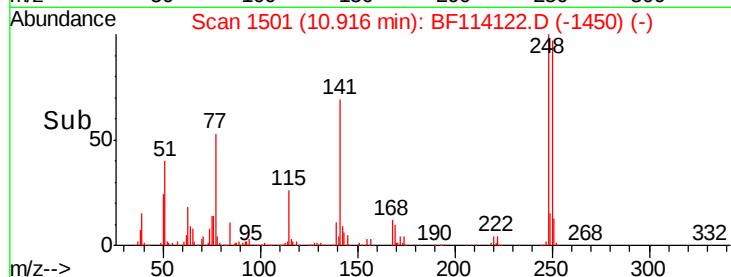
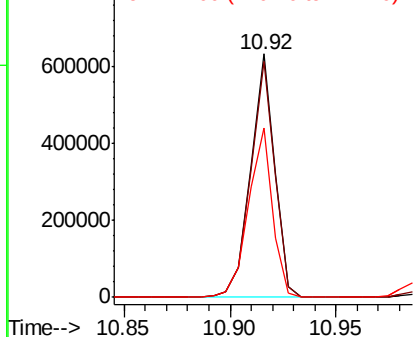
#67
4-Bromophenyl-phenylether
Concen: 40.707 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:248 Resp: 502654
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 69.4 55.6 83.4

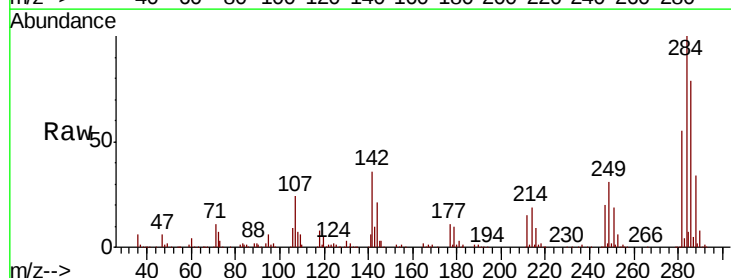


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

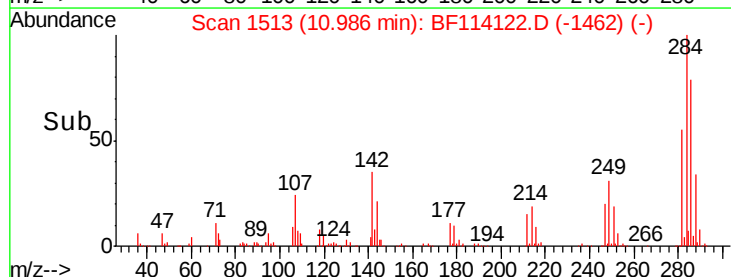
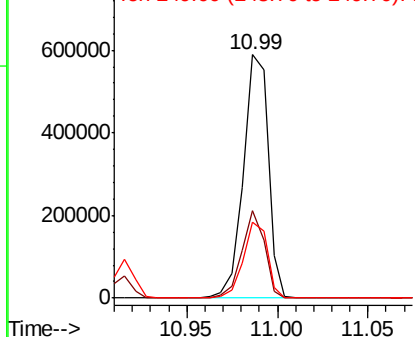


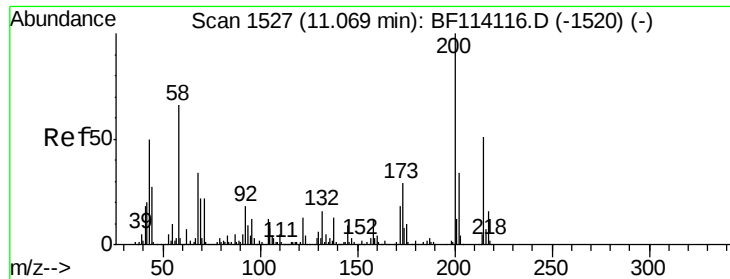
#68
Hexachlorobenzene
Concen: 41.251 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:284 Resp: 563502
Ion Ratio Lower Upper
284 100
142 35.8 28.4 42.6
249 31.1 25.2 37.8



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

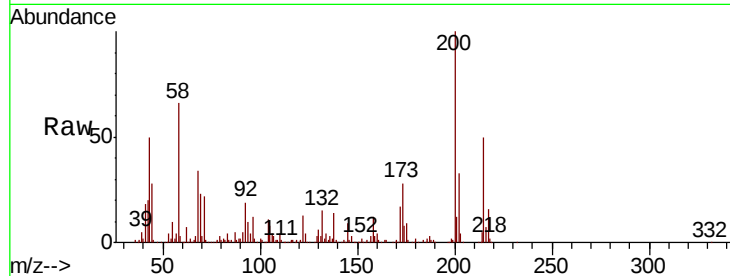




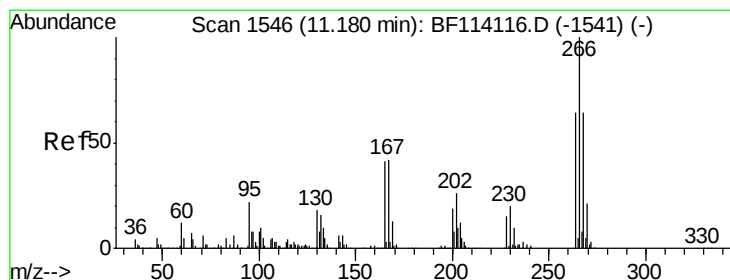
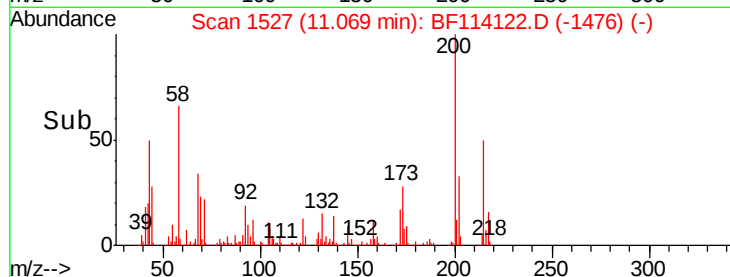
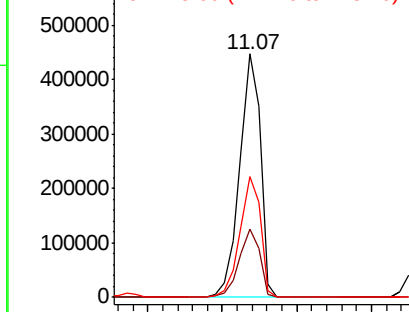
#69
Atrazine
Concen: 41.034 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Tot Ion:200 Resp: 434640
Ion Ratio Lower Upper
200 100
173 27.8 8.9 48.9
215 49.6 30.7 70.7

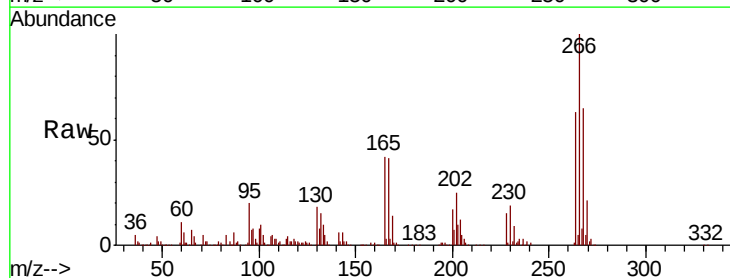


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

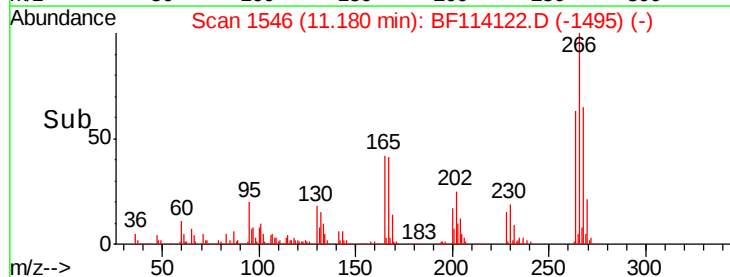
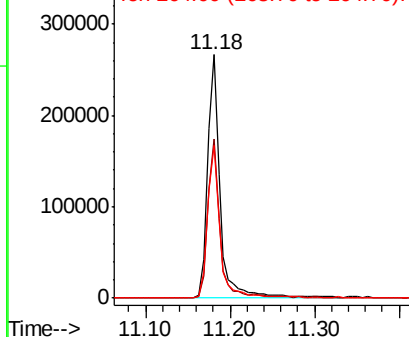


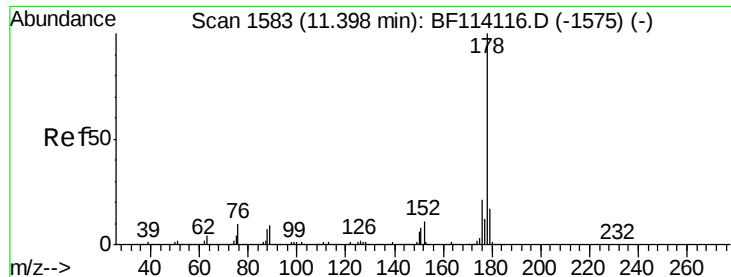
#70
Pentachlorophenol
Concen: 42.752 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:266 Resp: 276841
Ion Ratio Lower Upper
266 100
268 65.3 51.1 76.7
264 62.9 51.1 76.7



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

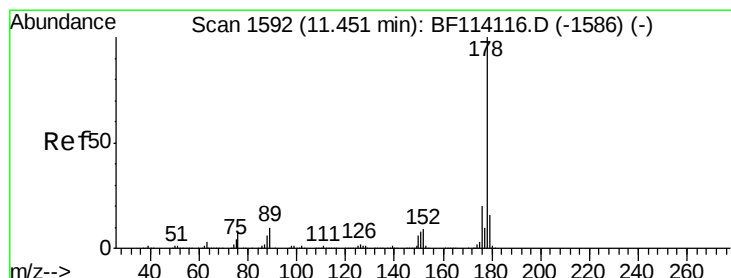
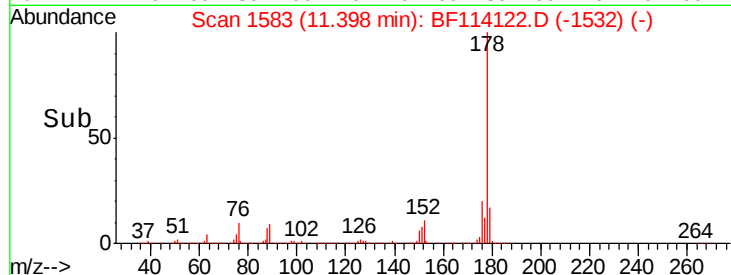
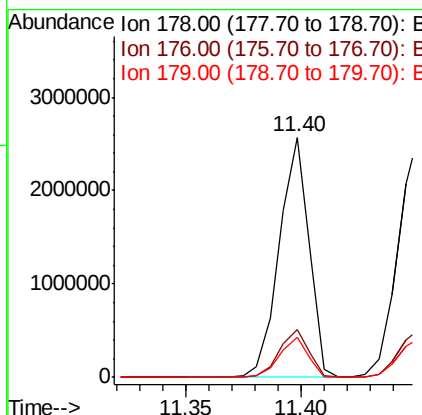
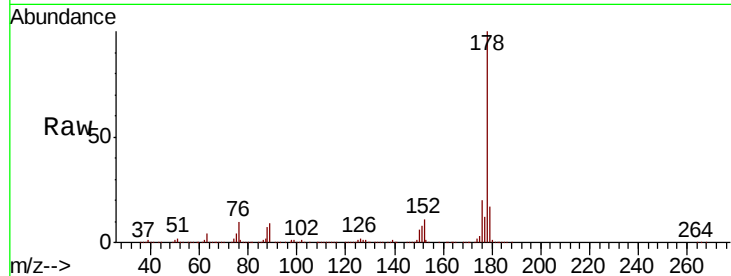




#71
Phenanthrene
Concen: 41.734 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

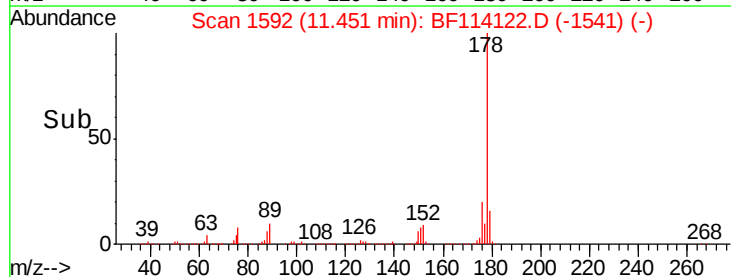
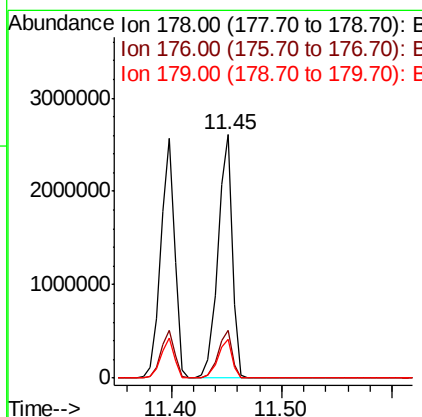
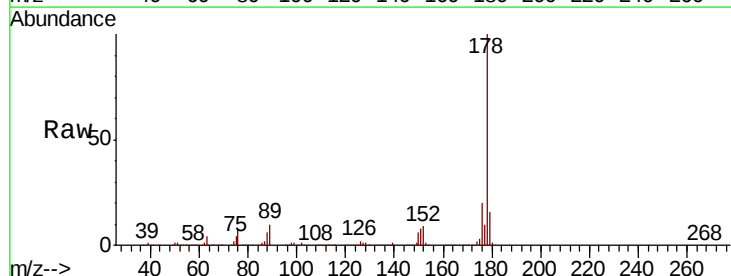
Instrument :
BNA_F
ClientSampleId :
ICVBF051019

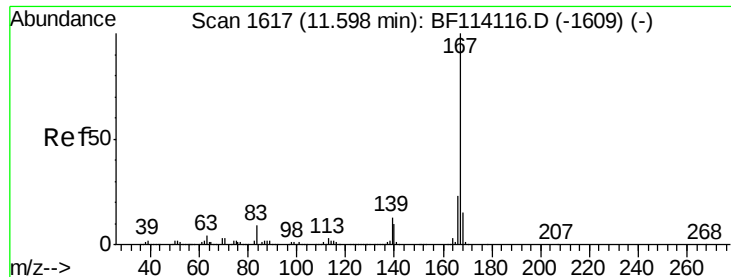
Tot Ion:178 Resp: 2277052
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 16.6 13.2 19.8



#72
Anthracene
Concen: 42.848 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:178 Resp: 2348199
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.2 13.0 19.4

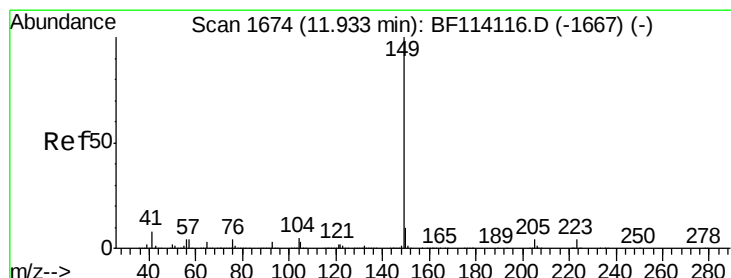
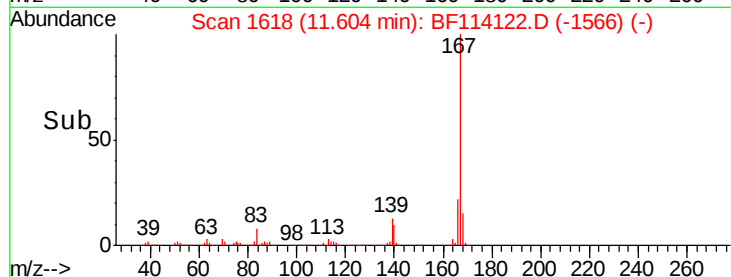
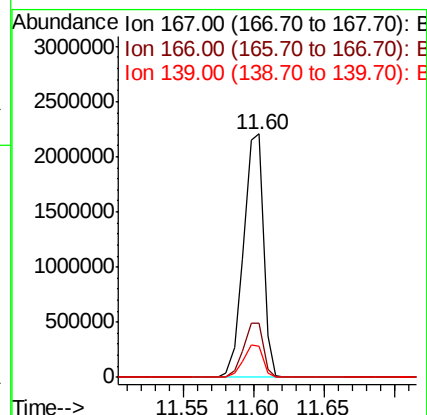
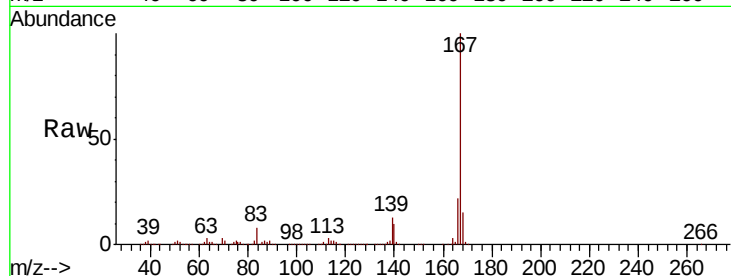




#73
 Carbazole
 Concen: 41.579 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

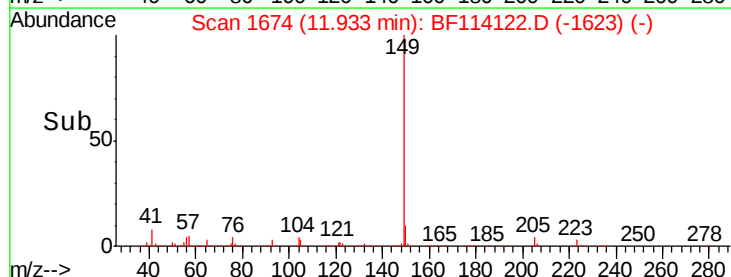
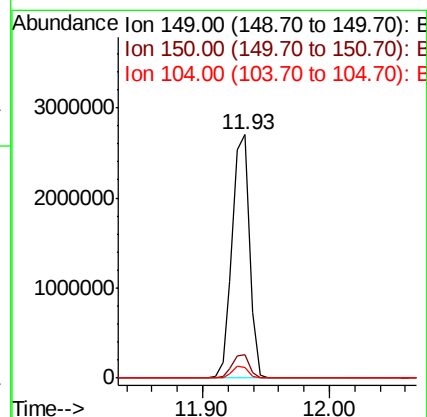
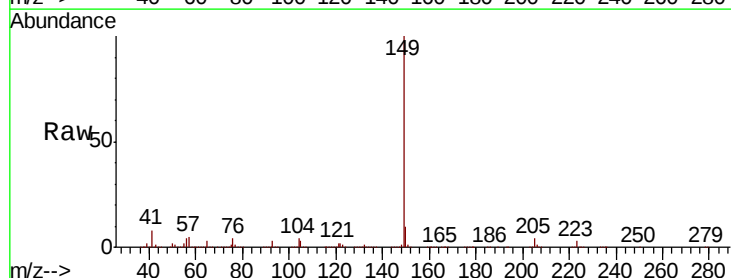
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

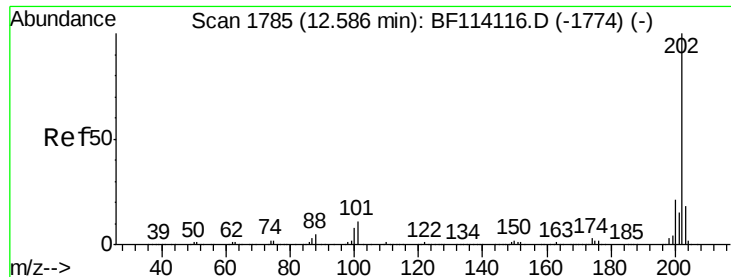
Tot Ion:167 Resp: 2172874
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.657 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion:149 Resp: 2568268
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.5 3.6 5.4

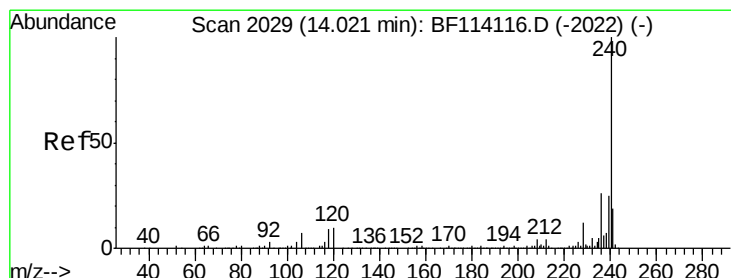
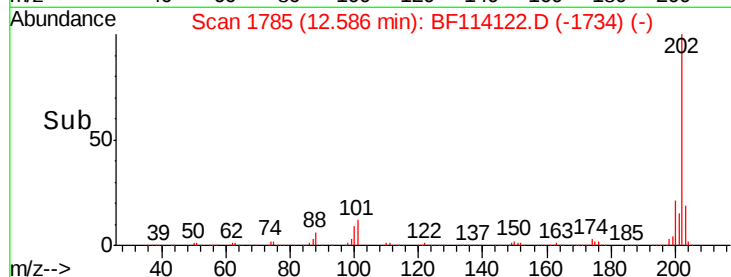
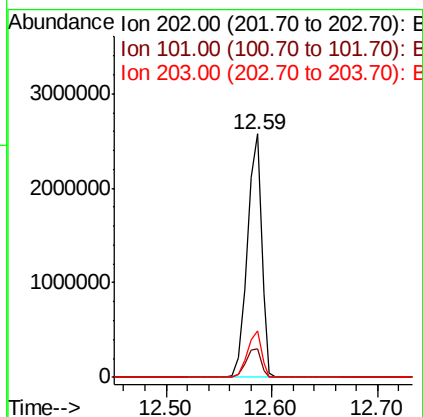
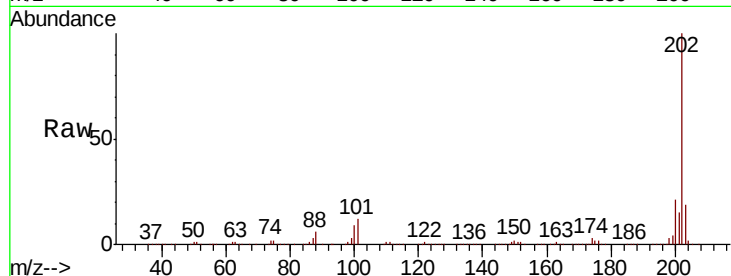




#75
 Fluoranthene
 Concen: 40.954 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

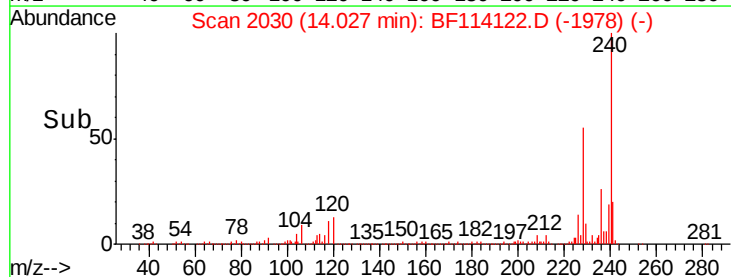
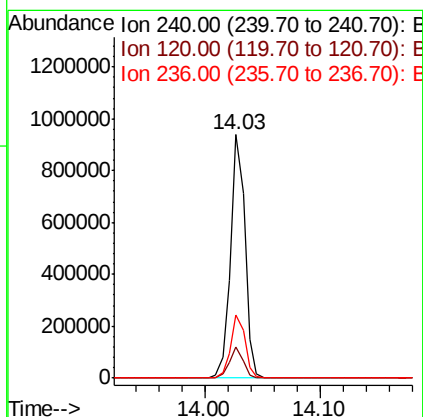
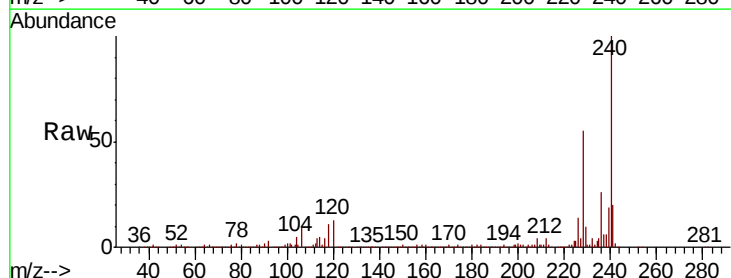
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051019

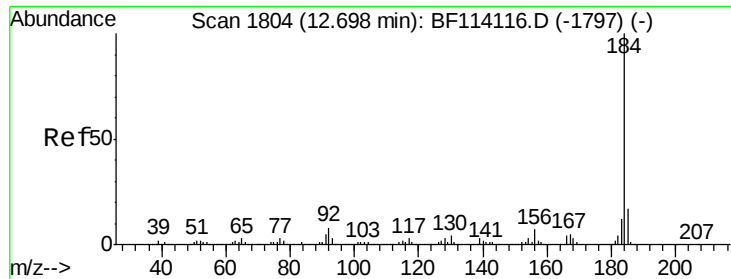
Tot Ion:202 Resp: 2406314
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.0
 203 19.1 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF114122.D
 Acq: 10 May 2019 15:56

Tgt Ion:240 Resp: 811970
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.3 12.5#
 236 26.2 20.8 31.2





#77

Benzidine

Concen: 38.141 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

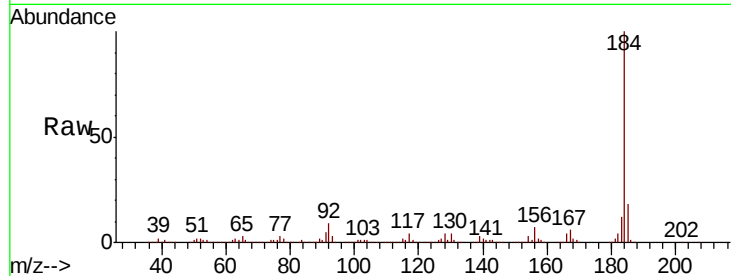
BNA_F

ClientSampleId :

ICVBF051019

Tot Ion:184 Resp: 1390165

Ion	Ratio	Lower	Upper
184	100		
185	18.0	13.6	20.4
183	11.6	9.2	13.8

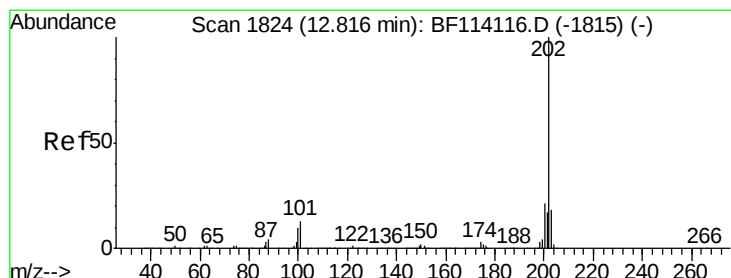
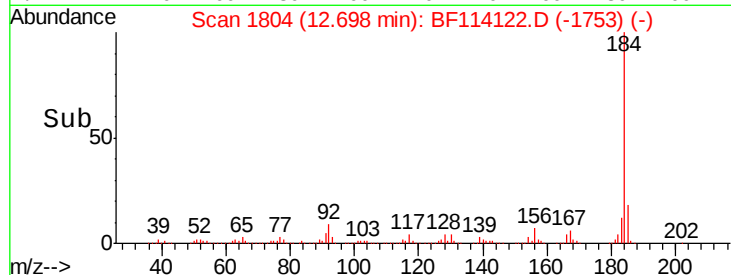
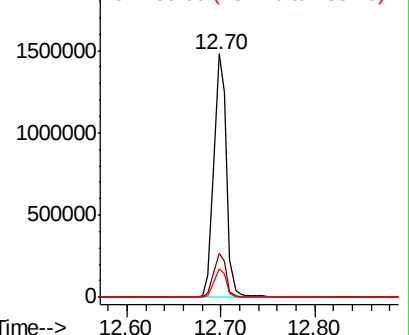


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.731 ng

RT: 12.82 min Scan# 1824

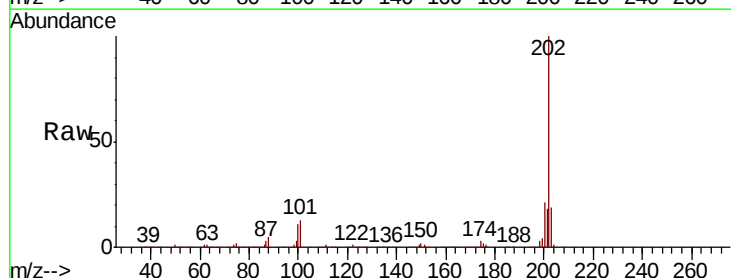
Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Tgt Ion:202 Resp: 2464547

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.5	14.5	21.7

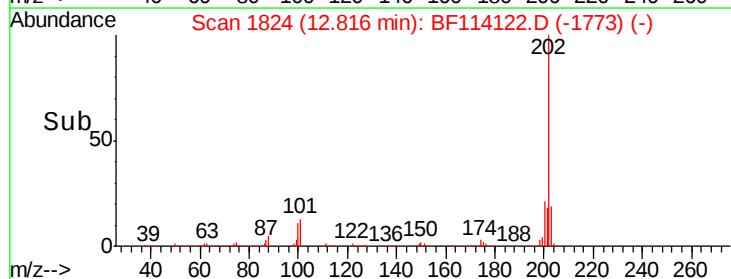
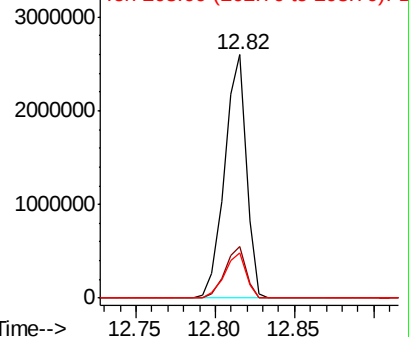


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.431 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

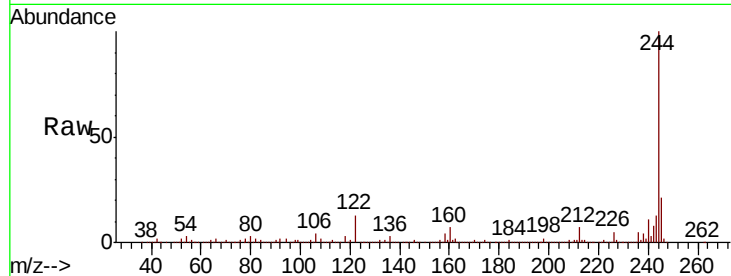
Tot Ion:244 Resp: 2971143

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

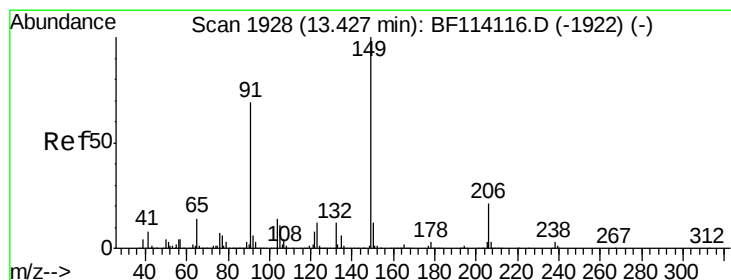
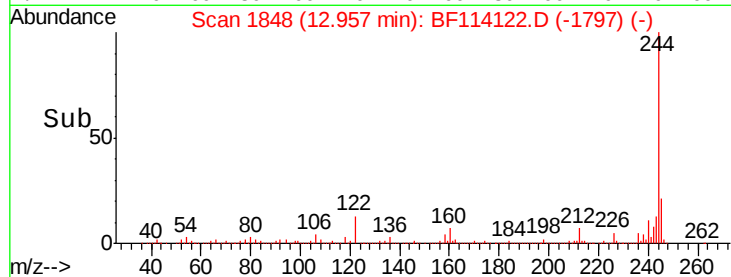
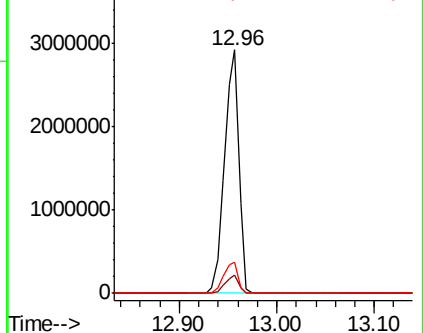
122 13.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.042 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

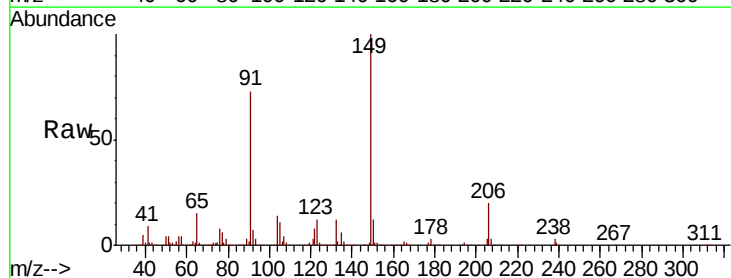
Tgt Ion:149 Resp: 1155878

Ion Ratio Lower Upper

149 100

91 73.4 55.0 82.4

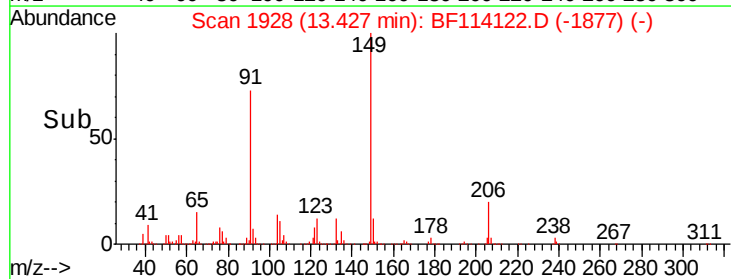
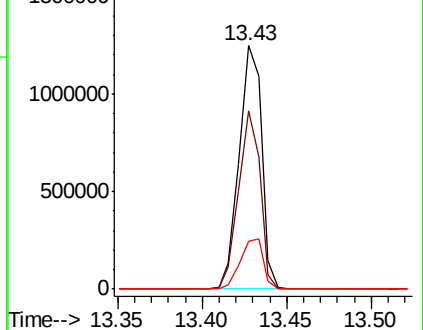
206 19.7 16.9 25.3

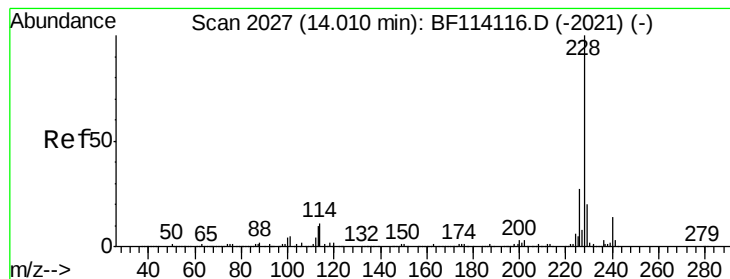


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.124 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

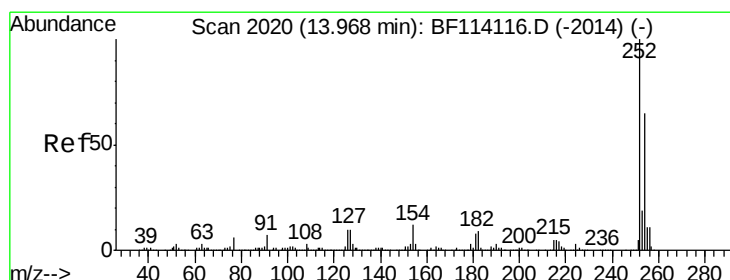
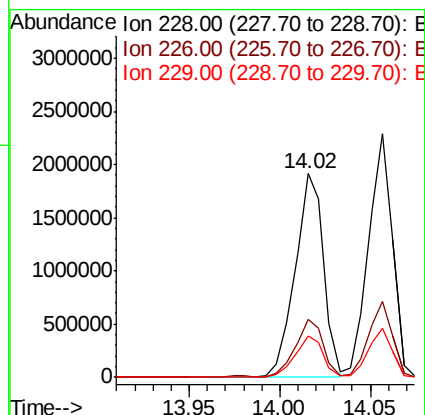
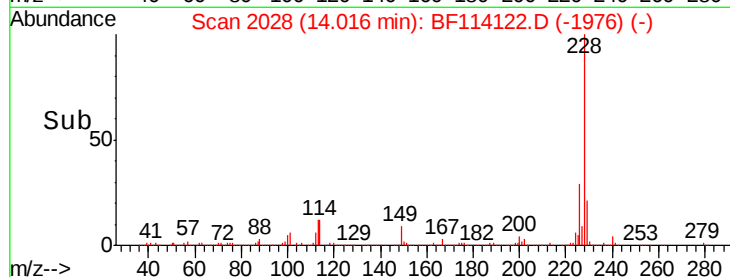
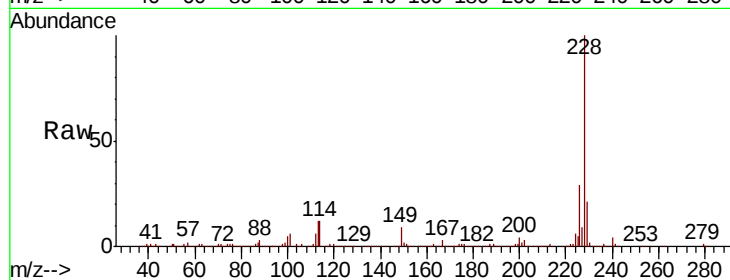
Tot Ion:228 Resp: 2107209

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.2

229 20.6 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 42.418 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

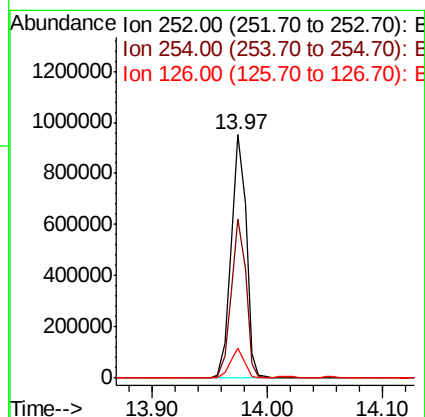
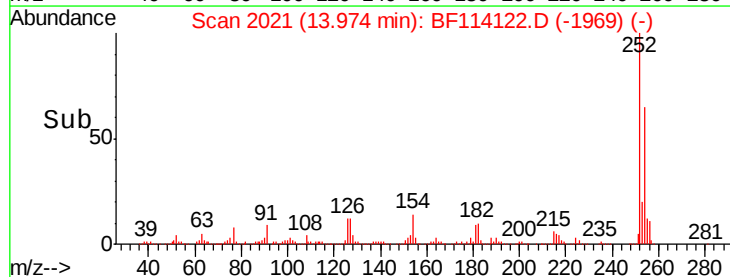
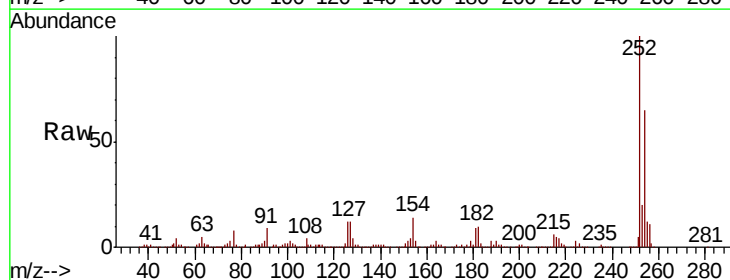
Tgt Ion:252 Resp: 864179

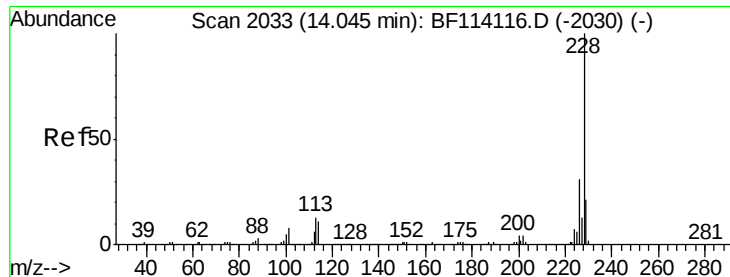
Ion Ratio Lower Upper

252 100

254 65.1 51.9 77.9

126 12.2 7.9 11.9#





#83

Chrysene

Concen: 40.946 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

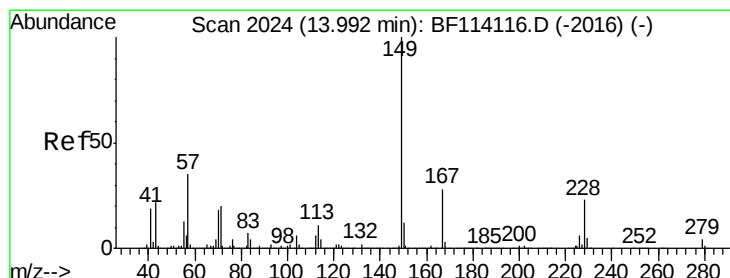
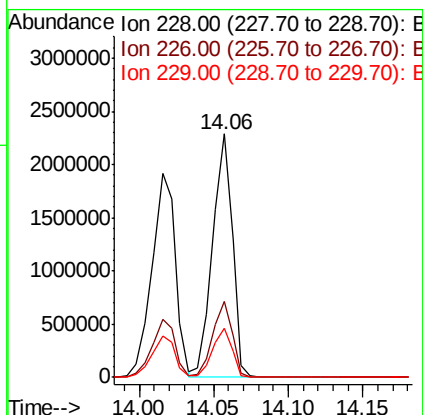
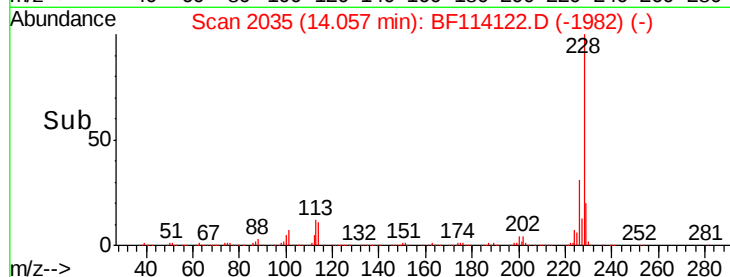
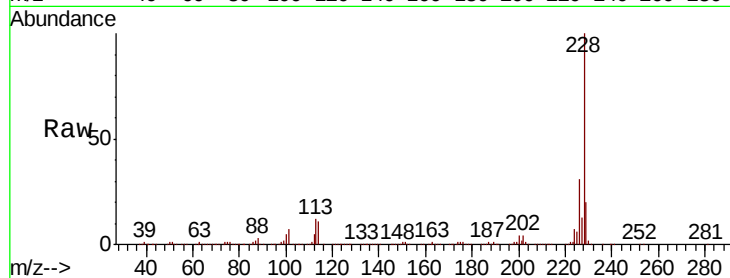
Tot Ion:228 Resp: 2107968

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 20.3 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.246 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

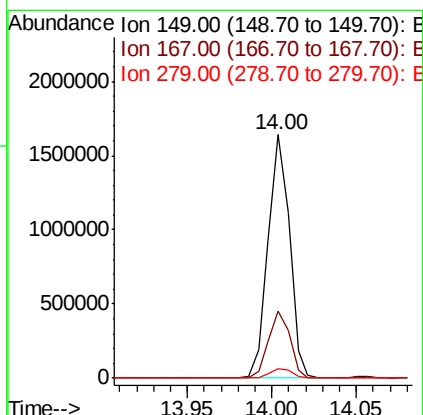
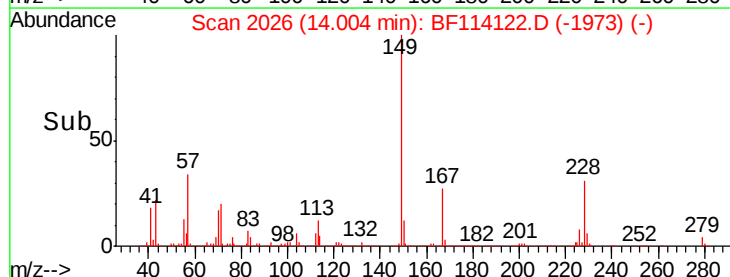
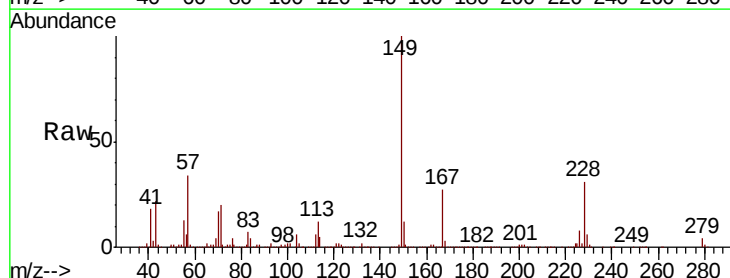
Tgt Ion:149 Resp: 1447147

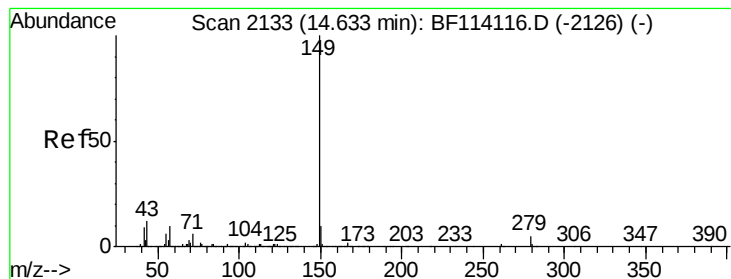
Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.900 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.02 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

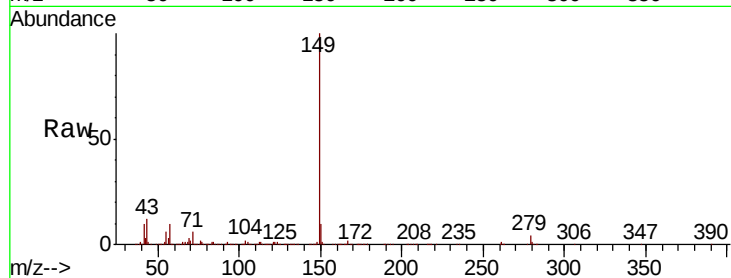
Tot Ion:149 Resp: 2500605

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

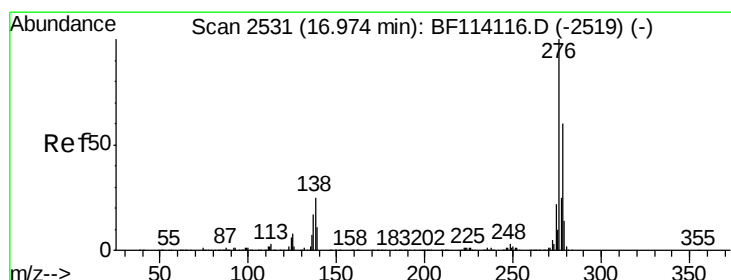
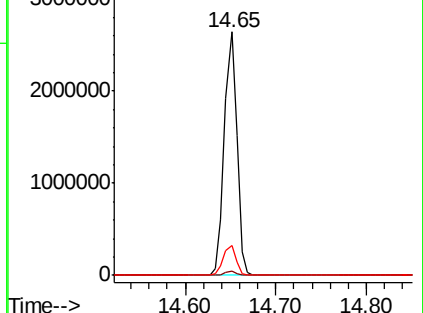
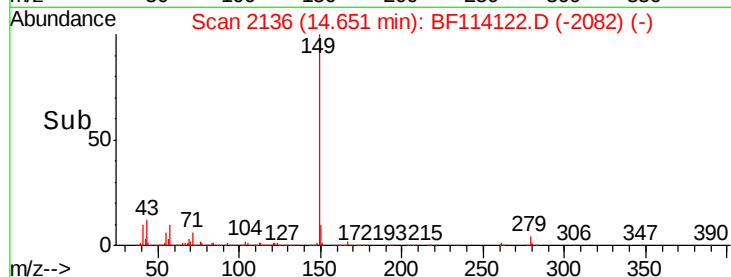
43 12.4 10.1 15.1



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: 45.541 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.03 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

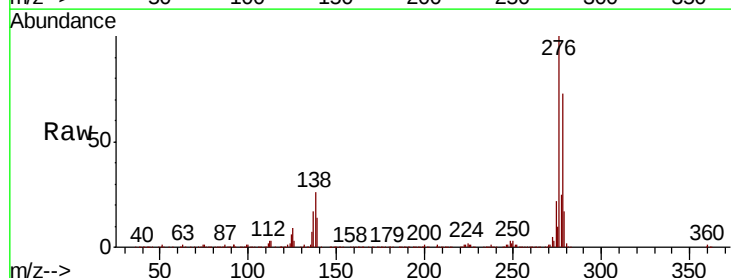
Tgt Ion:276 Resp: 2072055

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

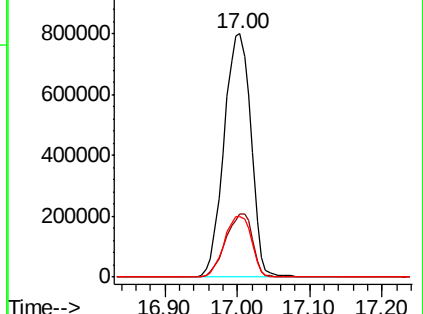
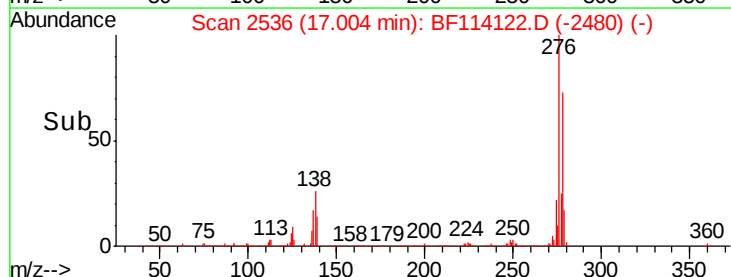
277 25.4 20.0 30.0

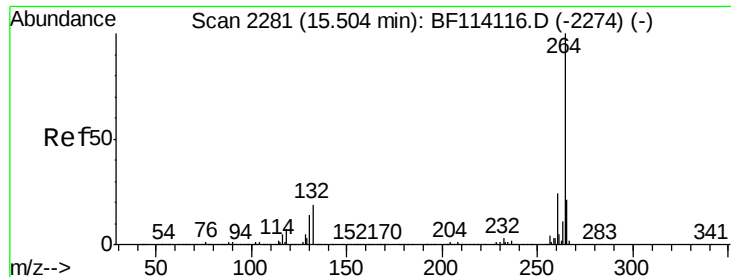


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

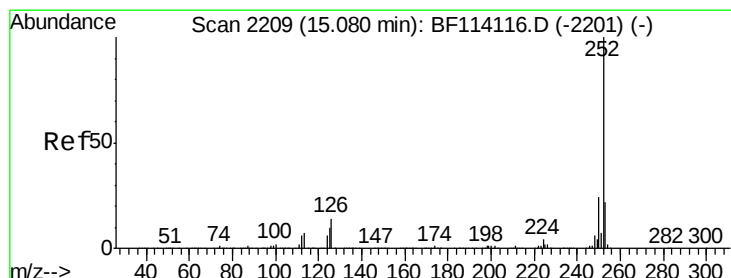
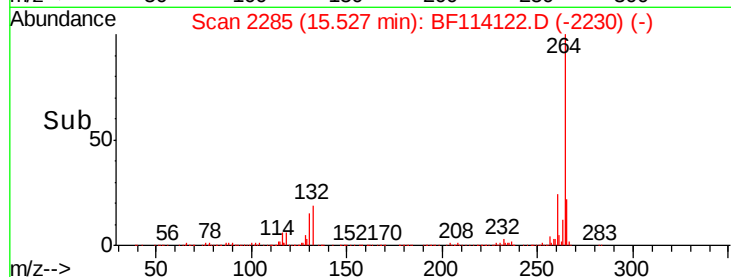
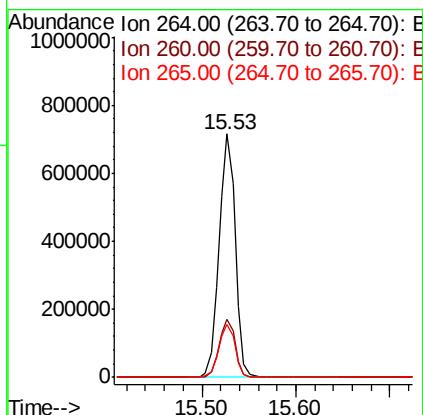
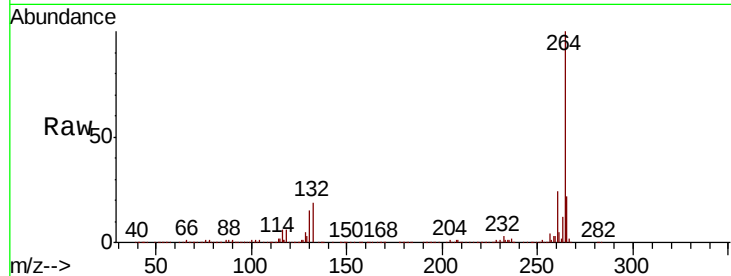




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

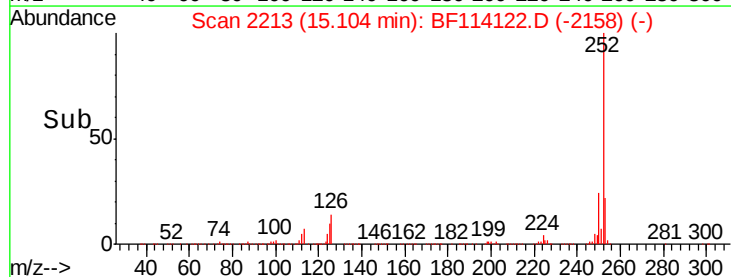
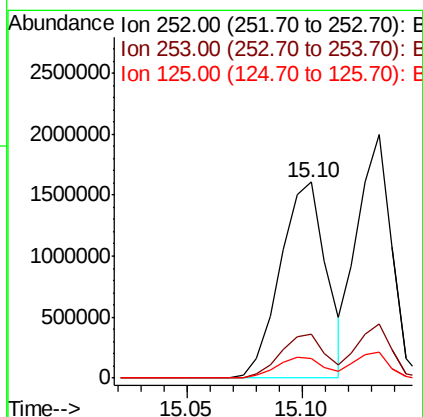
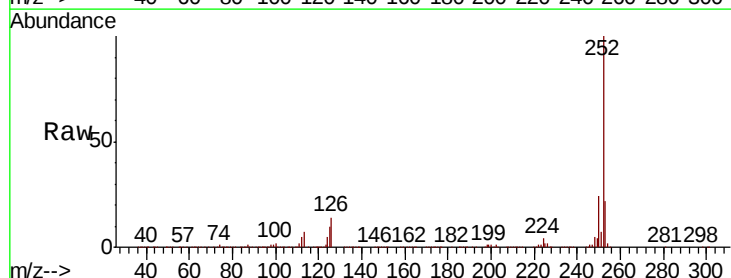
Instrument :
BNA_F
ClientSampleId :
ICVBF051019

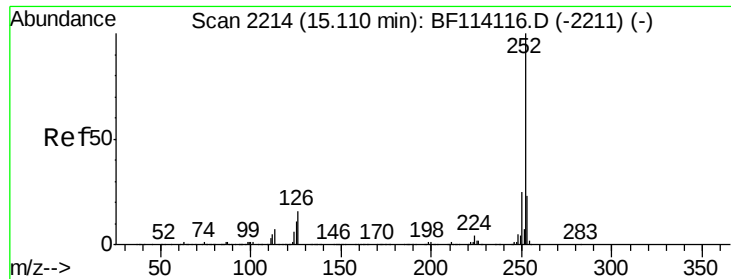
Tot Ion:264 Resp: 863958
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.9 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 40.161 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:252 Resp: 2222927
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.0 8.3 12.5

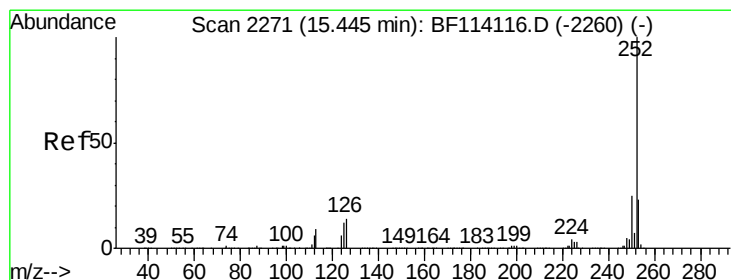
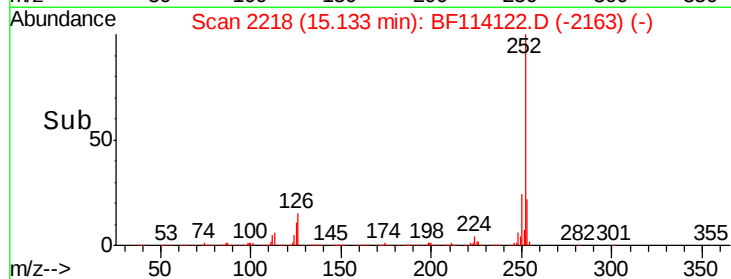
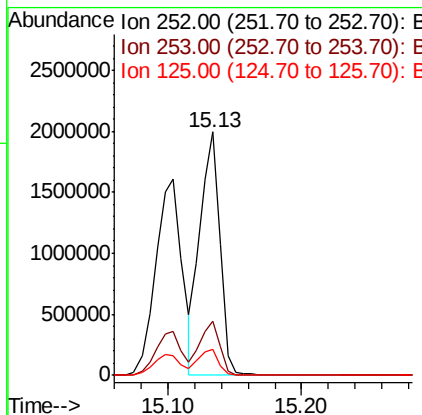
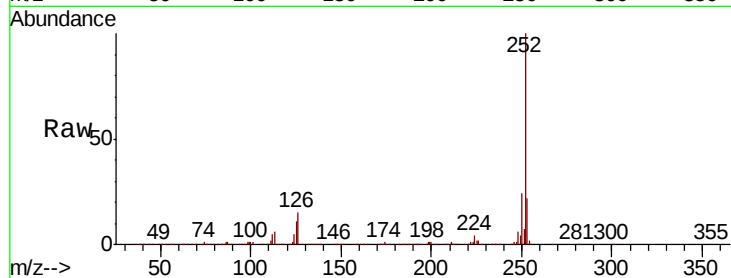




#89
Benzo(k)fluoranthene
Concen: 40.465 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

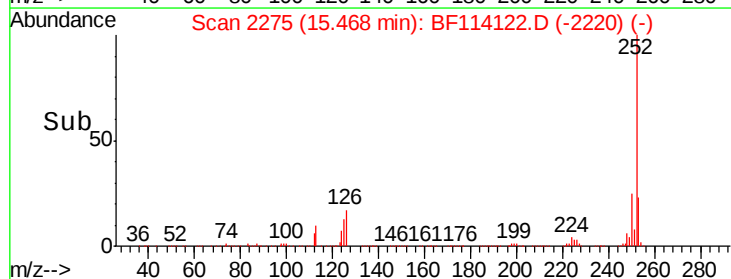
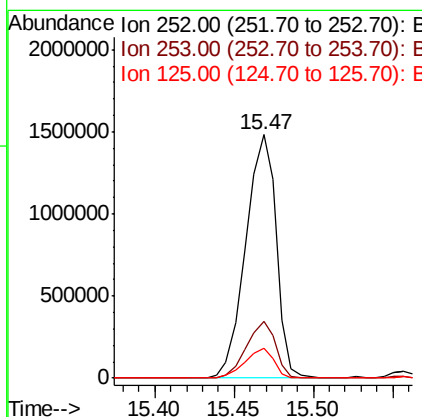
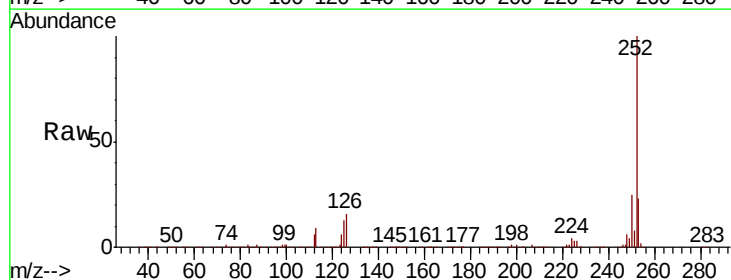
Instrument :
BNA_F
ClientSampleId :
ICVBF051019

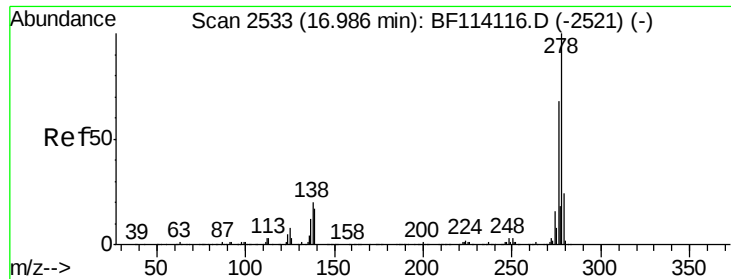
Tot Ion:252 Resp: 2057436
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.638 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF114122.D
Acq: 10 May 2019 15:56

Tgt Ion:252 Resp: 1979599
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 12.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 42.402 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.03 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

ICVBF051019

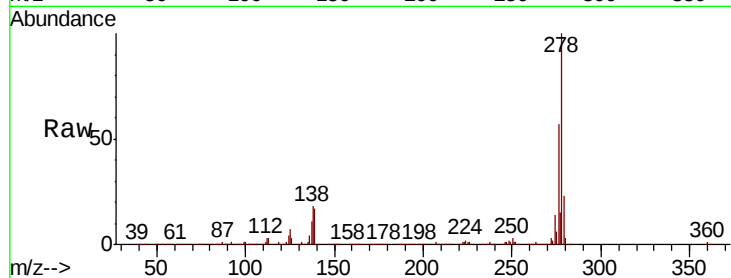
Tot Ion:278 Resp: 1716361

Ion Ratio Lower Upper

278 100

139 17.0 13.5 20.3

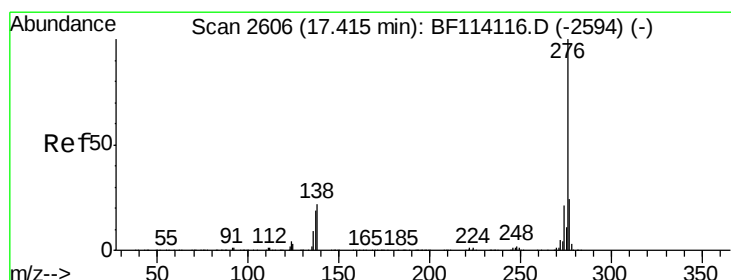
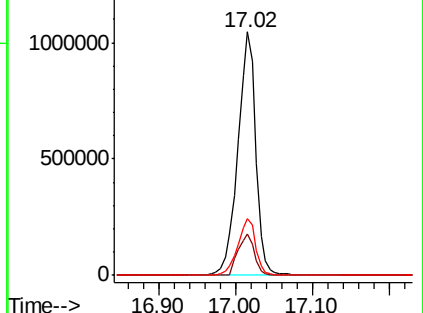
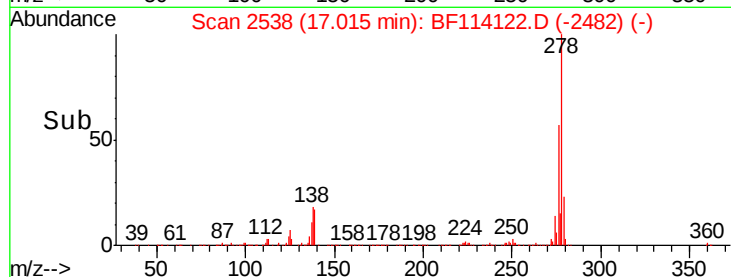
279 23.2 19.0 28.6



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: 39.884 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.03 min

Lab File: BF114122.D

Acq: 10 May 2019 15:56

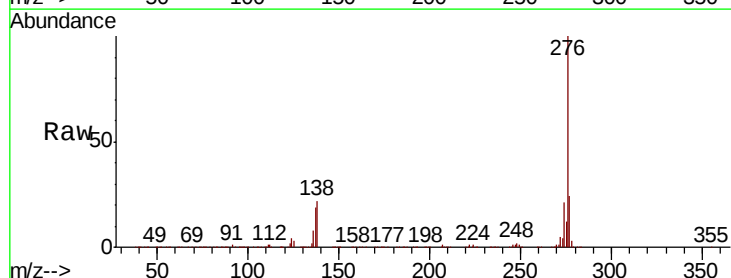
Tgt Ion:276 Resp: 1617887

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.6 17.8 26.6



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

