

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114610.D
 Acq On : 25 May 2019 18:05
 Operator : JU/SJ
 Sample : PB119943BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Quant Time: May 26 23:44:34 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171582	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	697478	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	338611	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	663028	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	518353	20.00	ng	-0.02
87) Perylene-d12	15.43	264	275384	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1290968	121.08	ng	0.00
7) Phenol-d6	6.46	99	1678321	133.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	903479	72.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	423969	121.11	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1678180	74.97	ng	-0.01
79) Terphenyl-d14	12.91	244	1714825	68.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	207645	35.431	ng	100
3) Pyridine	3.36	79	401913	24.891	ng	96
4) n-Nitrosodimethylamine	3.30	42	260413	33.444	ng	99
6) Aniline	6.47	93	229598	12.604	ng	# 1
8) 2-Chlorophenol	6.60	128	515238	45.266	ng	91
10) Phenol	6.47	94	616795	41.578	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	547357	48.601	ng	96
12) 1,3-Dichlorobenzene	6.74	146	501745	39.270	ng	98
13) 1,4-Dichlorobenzene	6.82	146	510322	39.637	ng	98
14) 1,2-Dichlorobenzene	6.97	146	479324	40.750	ng	99
15) Benzyl Alcohol	6.96	79	401795	40.852	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	856300	39.214	ng	# 36
17) 2-Methylphenol	7.07	107	405935	43.415	ng	# 86
18) Hexachloroethane	7.31	117	185540	38.392	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	348576	43.609	ng	96
20) 3+4-Methylphenols	7.23	107	549103	50.829	ng	# 59
22) Acetophenone	7.22	105	684386	44.293	ng	# 87
24) Nitrobenzene	7.39	77	532940	42.102	ng	98
25) Isophorone	7.63	82	972418	42.188	ng	100
26) 2-Nitrophenol	7.70	139	279292	45.477	ng	97
27) 2,4-Dimethylphenol	7.75	122	452540	46.917	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	627544	41.961	ng	99
29) 2,4-Dichlorophenol	7.96	162	440932	45.908	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	443832	40.638	ng	99
31) Naphthalene	8.10	128	1428240	43.838	ng	99
32) Benzoic acid	7.91	122	298083	44.023	ng	98
33) 4-Chloroaniline	8.17	127	270820	18.241	ng	94
34) Hexachlorobutadiene	8.22	225	244601	39.361	ng	98
35) Caprolactam	8.54	113	75866	24.224	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	463872	47.981	ng	99
37) 2-Methylnaphthalene	8.80	142	979905	46.616	ng	98
38) 1-Methylnaphthalene	8.90	142	923454	46.650	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	443880	43.275	ng	99
41) Hexachlorocyclopentadiene	8.95	237	72563	18.688	ng	97

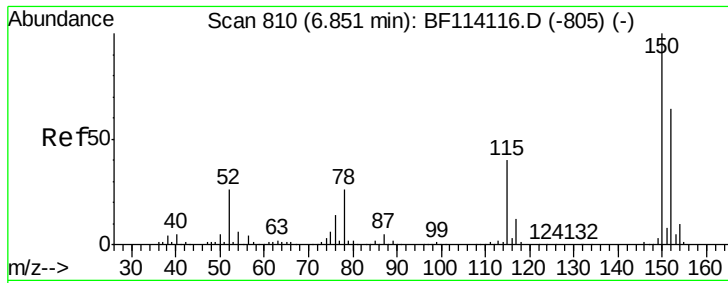
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	285425	40.456	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	303437	41.937	nq	99
46) 1,1'-Biphenyl	9.26	154	1198754	43.822	nq	99
47) 2-Chloronaphthalene	9.29	162	908765	41.279	nq	99
48) 2-Nitroaniline	9.39	65	311336	39.876	nq	100
49) Acenaphthylene	9.70	152	1404639	41.950	nq	99
50) Dimethylphthalate	9.56	163	1049696	42.229	nq	100
51) 2,6-Dinitrotoluene	9.63	165	236332	42.866	nq	94
52) Acenaphthene	9.87	154	852998	41.514	nq	99
53) 3-Nitroaniline	9.80	138	162985	23.815	nq	97
54) 2,4-Dinitrophenol	9.93	184	227166	81.778	nq	93
55) Dibenzofuran	10.05	168	1218061	40.428	nq	100
56) 4-Nitrophenol	9.99	139	289550	59.825	nq	97
57) 2,4-Dinitrotoluene	10.05	165	287324	38.396	nq	# 78
58) Fluorene	10.39	166	1018948	43.784	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	266726	42.724	nq	97
60) Diethylphthalate	10.26	149	1049173	41.541	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	487340	42.636	nq	96
62) 4-Nitroaniline	10.43	138	239496	33.302	nq	97
63) Azobenzene	10.54	77	1004728	41.098	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	150588	47.267	nq	95
66) n-Nitrosodiphenylamine	10.50	169	901737	44.811	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	308733	42.291	nq	97
68) Hexachlorobenzene	10.95	284	325255	40.274	nq	97
69) Atrazine	11.02	200	149469	23.868	nq	97
70) Pentachlorophenol	11.15	266	244380	63.834	nq	98
71) Phenanthrene	11.35	178	1430898	44.359	nq	99
72) Anthracene	11.40	178	1436872	44.349	nq	99
73) Carbazole	11.56	167	1373382	44.452	nq	99
74) Di-n-butylphthalate	11.88	149	1595879	44.835	nq	100
75) Fluoranthene	12.55	202	1518240	43.707	nq	99
77) Benzidine	12.66	184	134777	5.792	nq	95
78) Pyrene	12.77	202	1526258	36.602	nq	98
80) Butylbenzylphthalate	13.37	149	693415	39.508	nq	98
81) Benzo(a)anthracene	13.96	228	1274407	38.012	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	379566	29.184	nq	98
83) Chrysene	14.00	228	1251044	38.065	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	931691	40.588	nq	99
85) Di-n-octyl phthalate	14.54	149	1538077	41.333	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	1174155	40.424	nq	99
88) Benzo(b)fluoranthene	15.01	252	1325079	75.106	nq	99
89) Benzo(k)fluoranthene	15.04	252	1180932	72.867	nq	98
90) Benzo(a)pyrene	15.37	252	1184944	76.315	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1006197	77.986	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1022929	79.113	nq	99

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

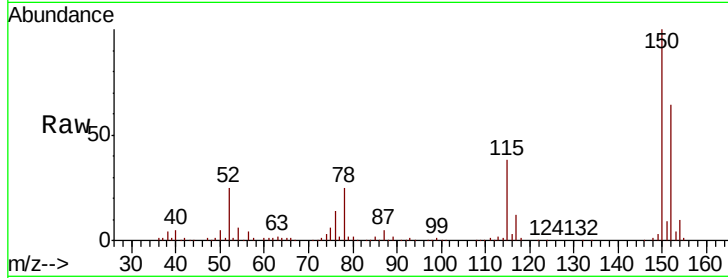


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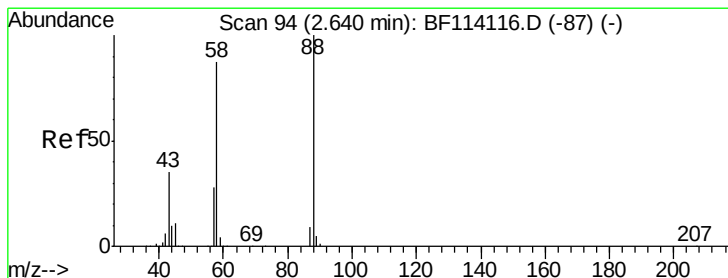
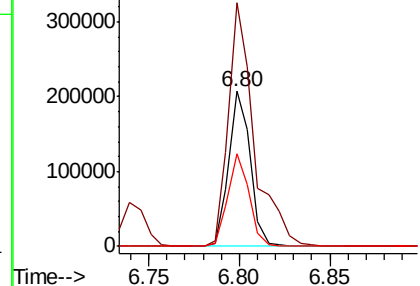
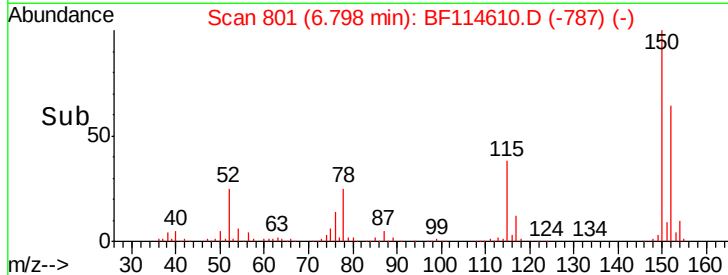
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:152 Resp: 171582
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 59.9 49.1 73.7



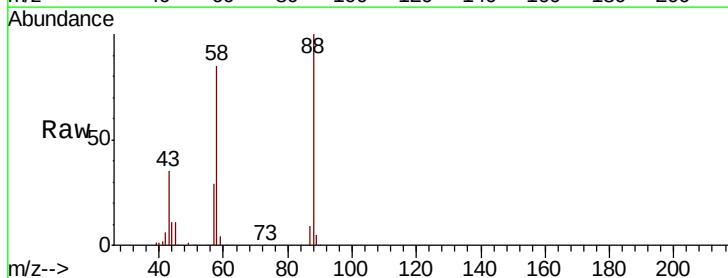
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



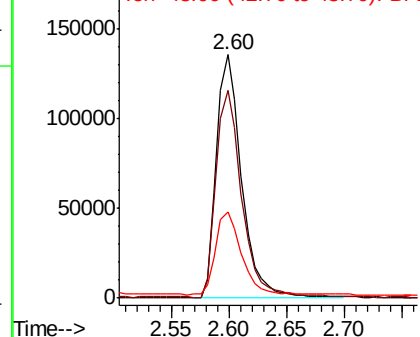
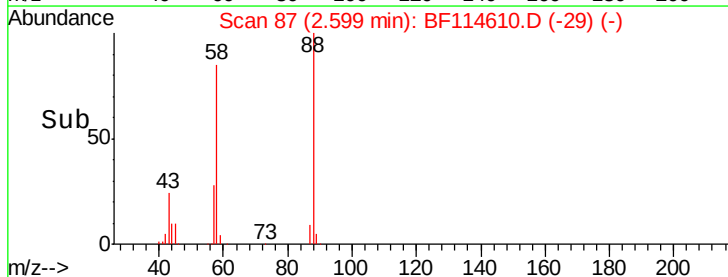
#2

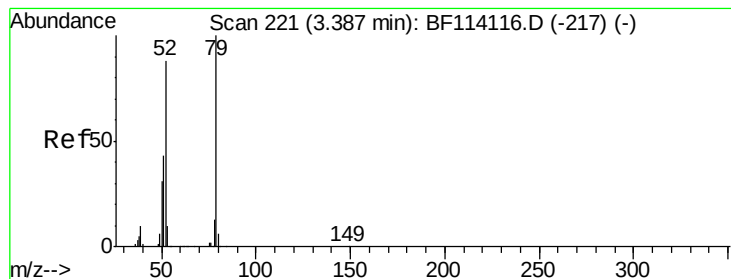
1,4-Dioxane
Concen: 35.431 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.04 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion: 88 Resp: 207645
Ion Ratio Lower Upper
88 100
58 86.3 68.7 103.1
43 35.1 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: 24.891 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

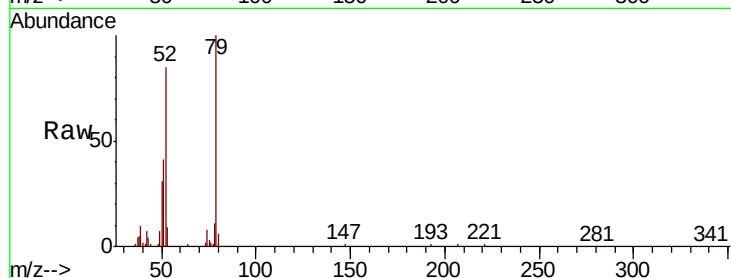
Tot Ion: 79 Resp: 401913

Ion Ratio Lower Upper

79 100

52 84.7 70.6 105.8

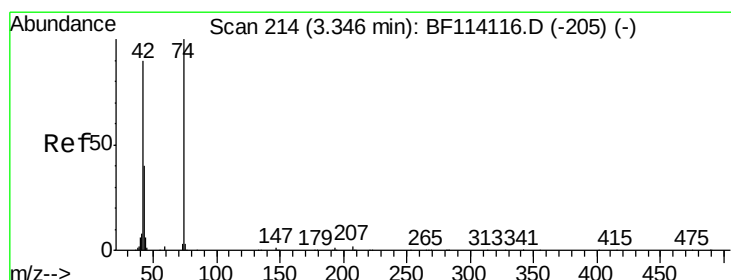
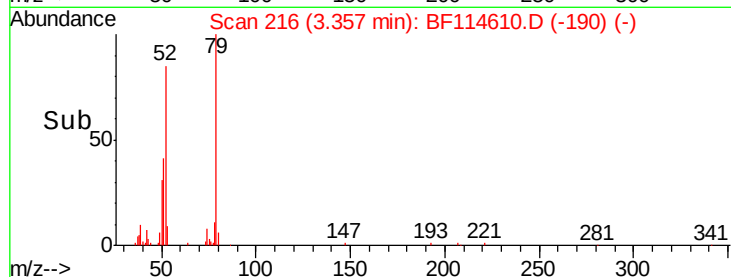
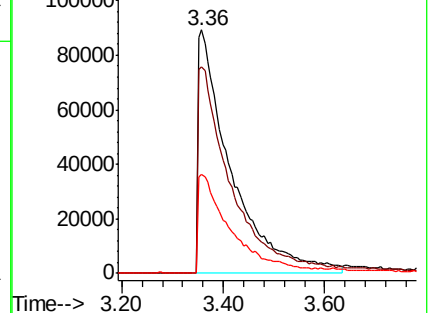
51 40.5 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.444 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.04 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

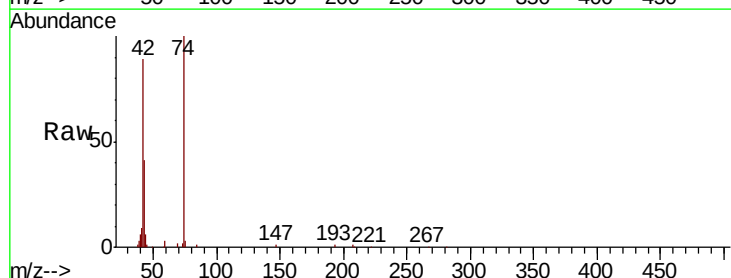
Tgt Ion: 42 Resp: 260413

Ion Ratio Lower Upper

42 100

74 111.9 88.6 132.8

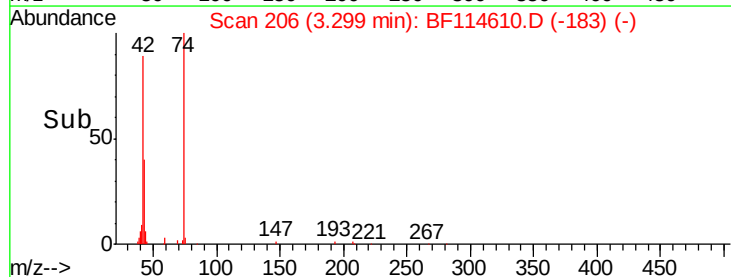
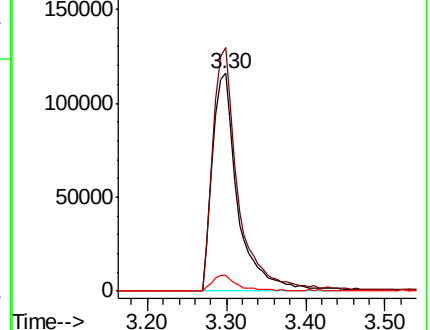
44 7.2 5.5 8.3

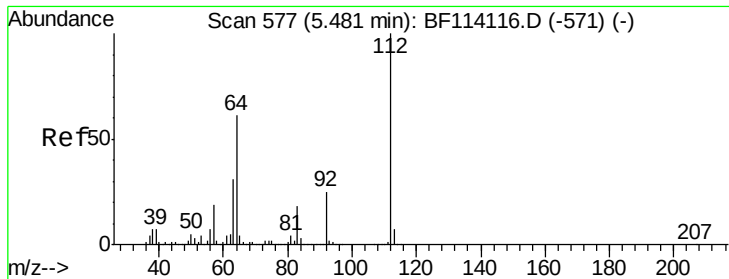


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.079 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

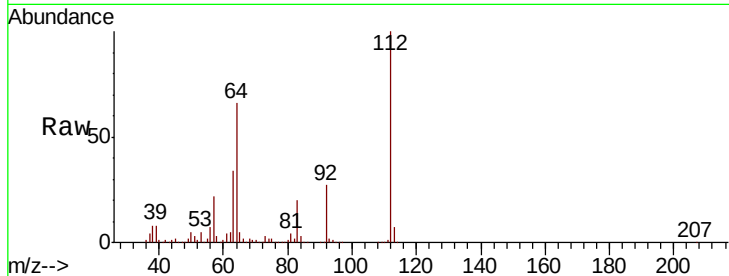
Tot Ion:112 Resp: 1290968

Ion Ratio Lower Upper

112 100

64 66.3 49.0 73.6

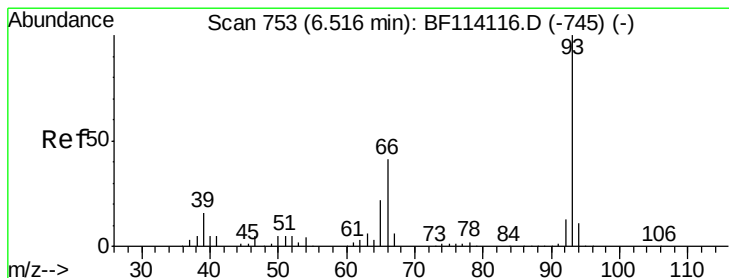
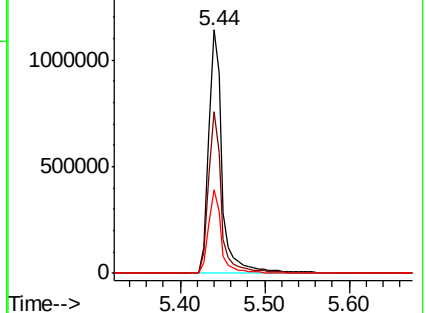
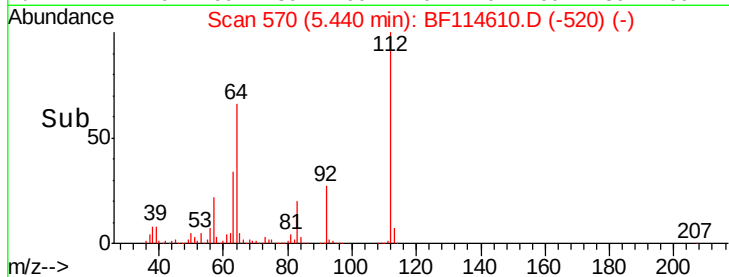
63 34.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.604 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

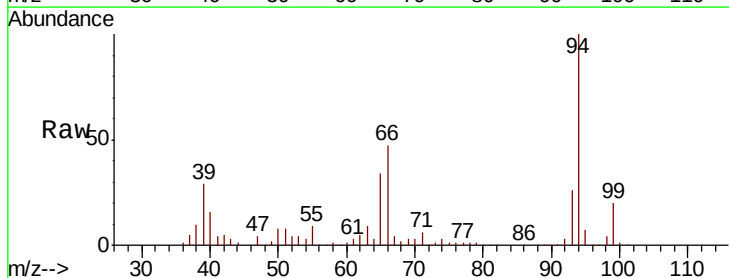
Tgt Ion: 93 Resp: 229598

Ion Ratio Lower Upper

93 100

66 181.0 33.2 49.8#

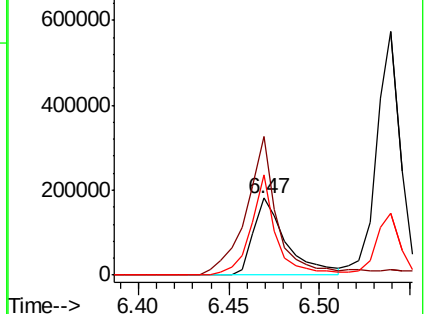
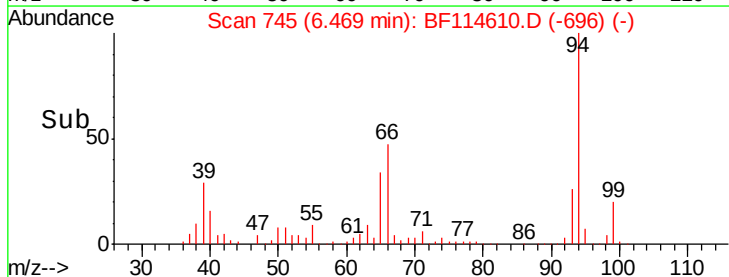
65 130.8 17.6 26.4#

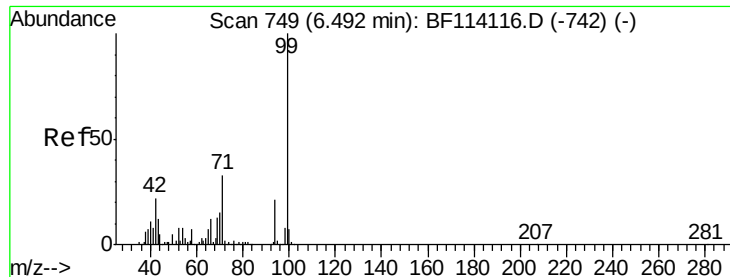


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.089 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

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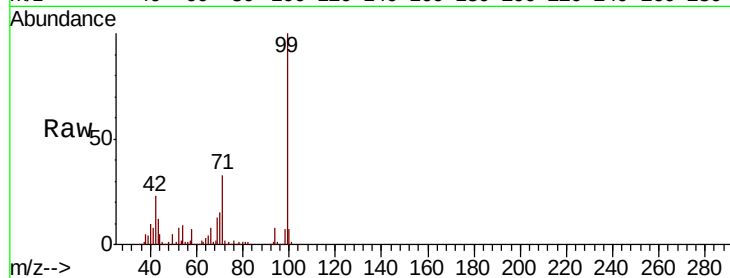
Tot Ion: 99 Resp: 1678321

Ion Ratio Lower Upper

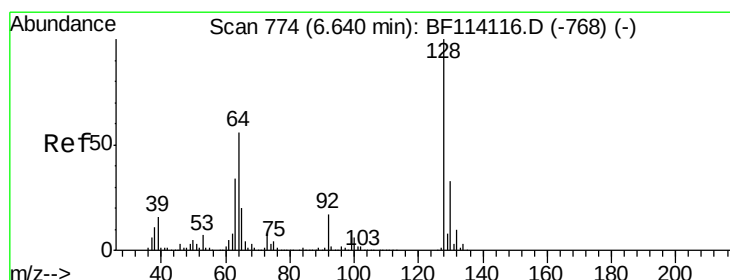
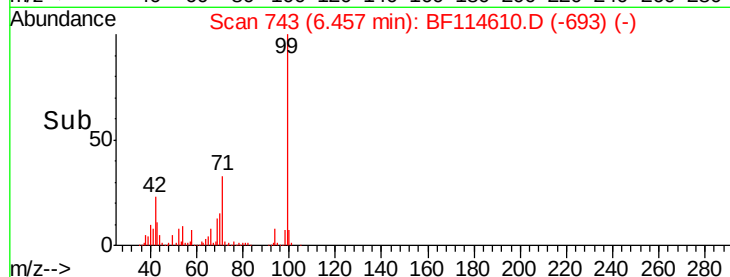
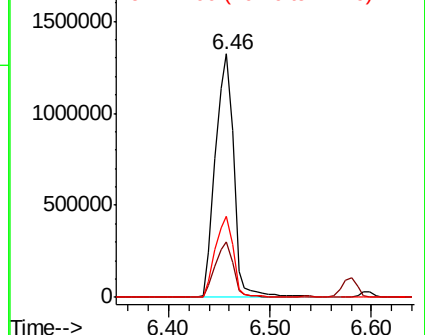
99 100

42 22.8 17.9 26.9

71 33.5 26.2 39.2



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



#8

2-Chlorophenol

Concen: 45.266 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

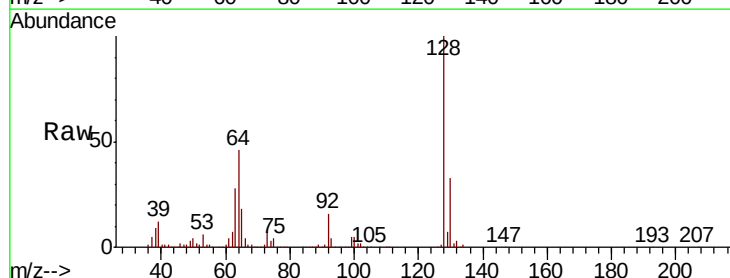
Tgt Ion: 128 Resp: 515238

Ion Ratio Lower Upper

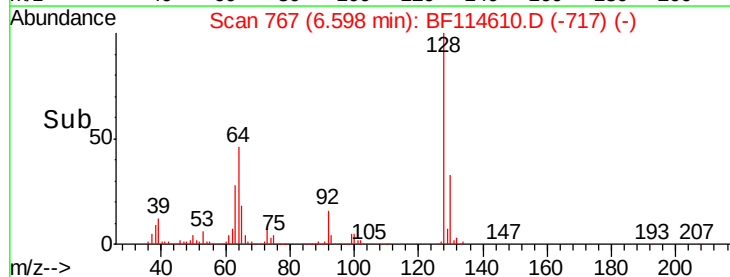
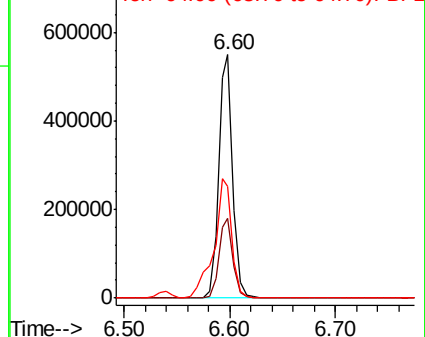
128 100

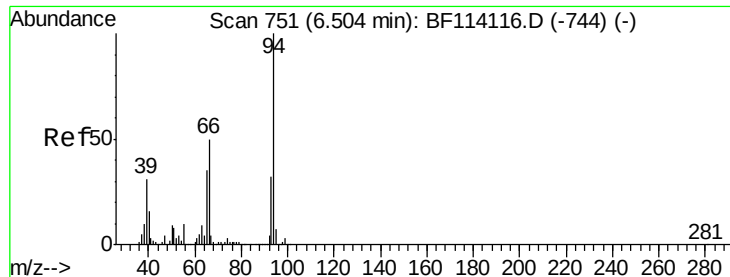
130 32.6 12.6 52.6

64 46.0 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





#10

Phenol

Concen: 41.578 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

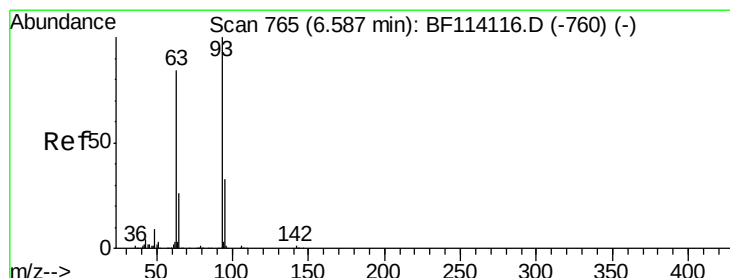
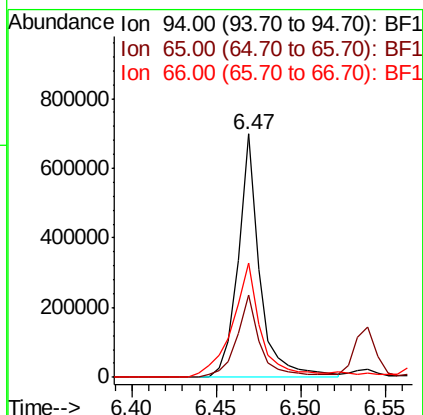
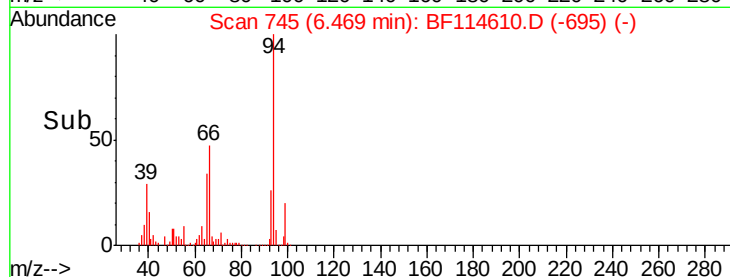
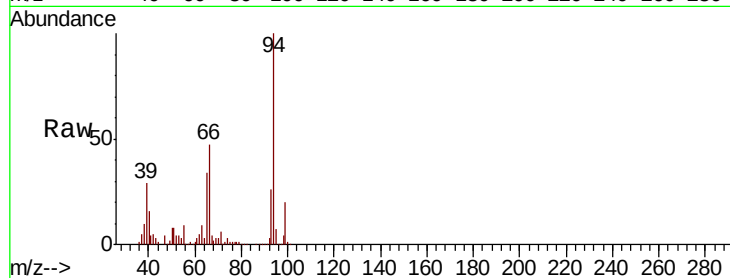
Tot Ion: 94 Resp: 616795

Ion Ratio Lower Upper

94 100

65 33.8 14.7 54.7

66 46.8 29.6 69.6



#11

bis(2-Chloroethyl)ether

Concen: 48.601 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

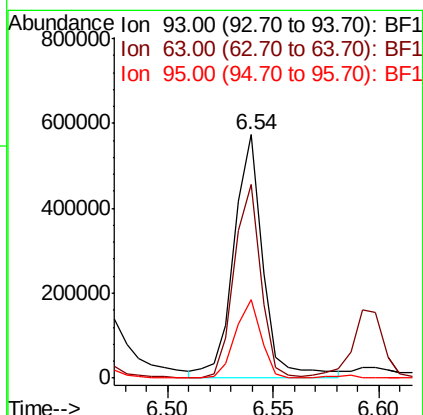
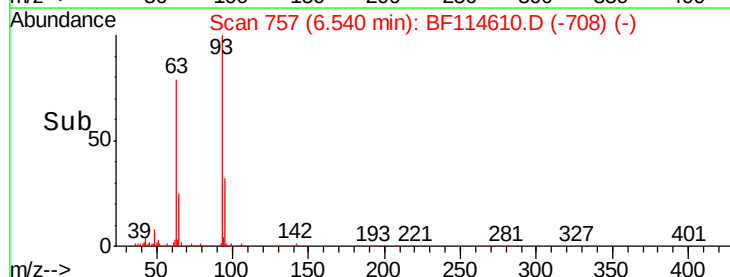
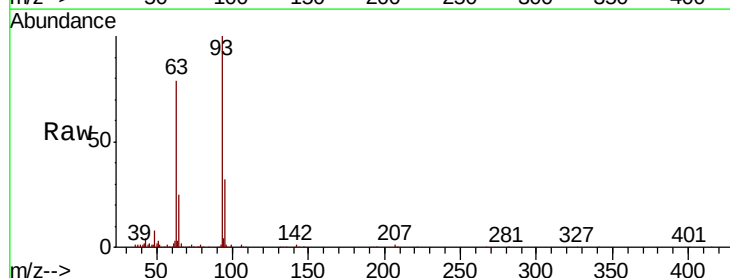
Tgt Ion: 93 Resp: 547357

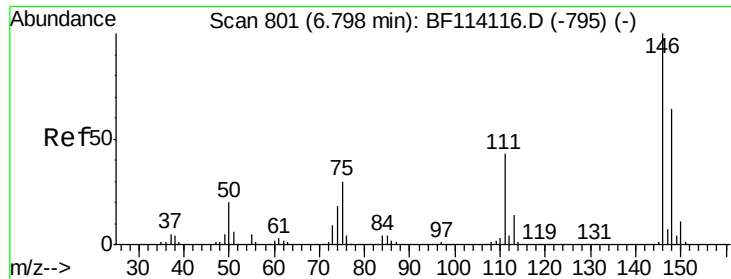
Ion Ratio Lower Upper

93 100

63 79.3 63.6 103.6

95 32.1 13.1 53.1





#12

1,3-Dichlorobenzene

Concen: 39.270 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

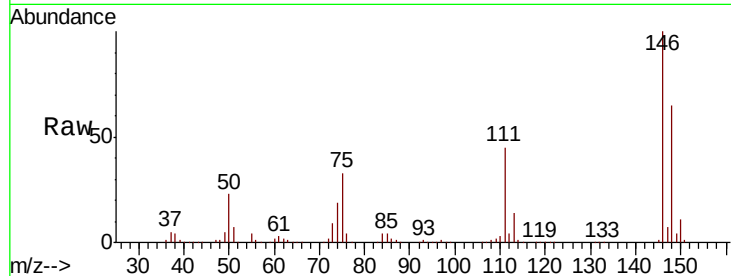
Tot Ion:146 Resp: 501745

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

75 32.9 24.2 36.2

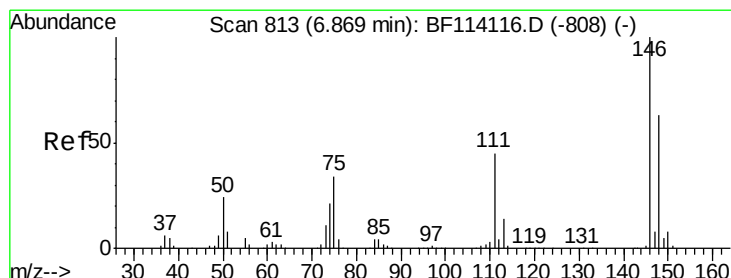
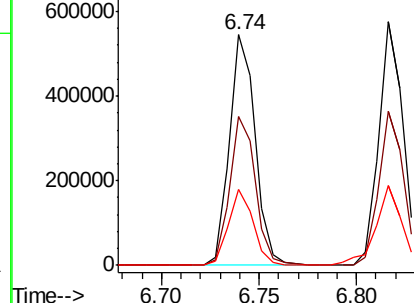
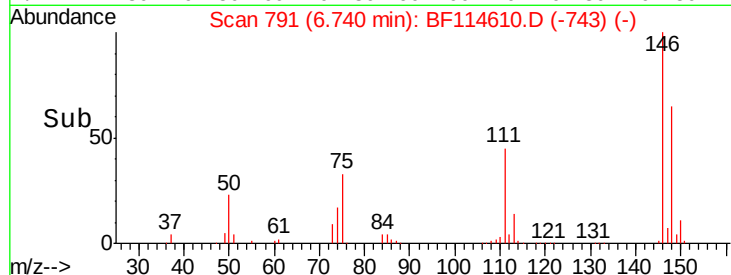


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 39.637 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

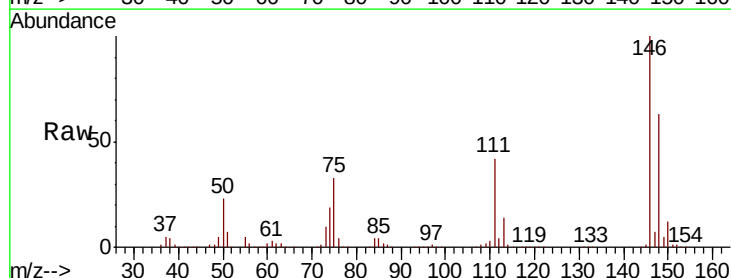
Tgt Ion:146 Resp: 510322

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 42.3 35.8 53.6

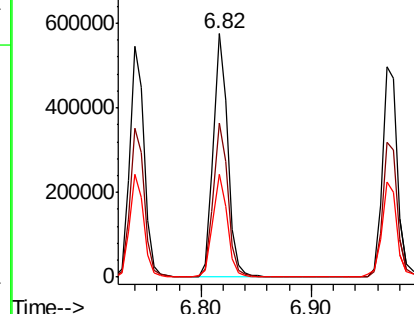
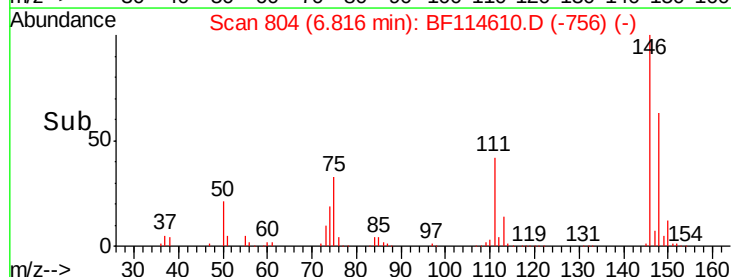


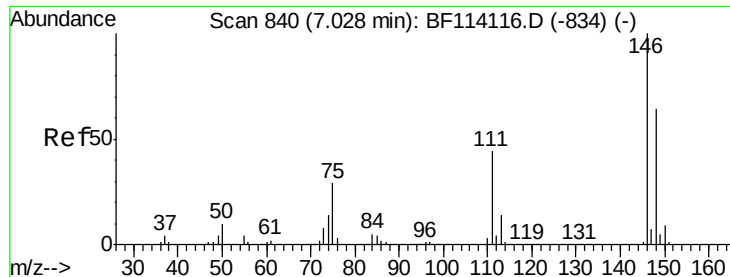
Abundance

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

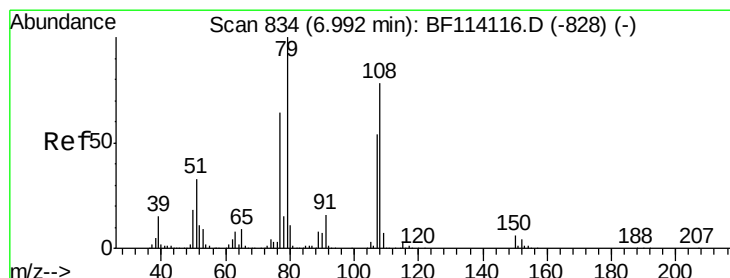
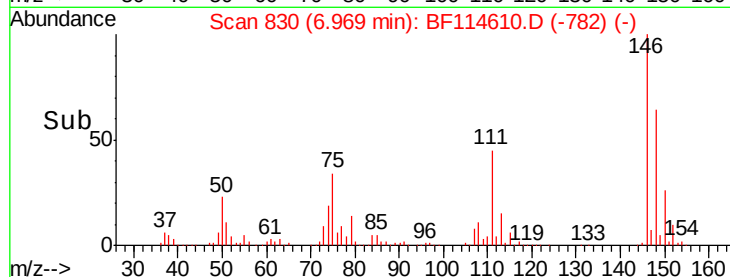
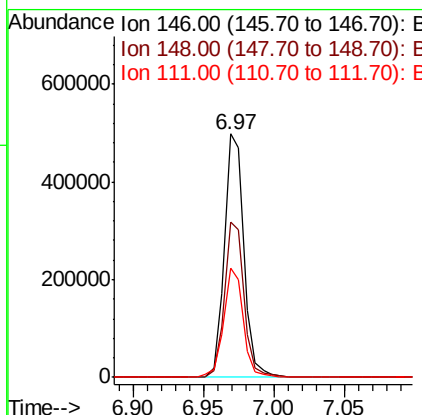
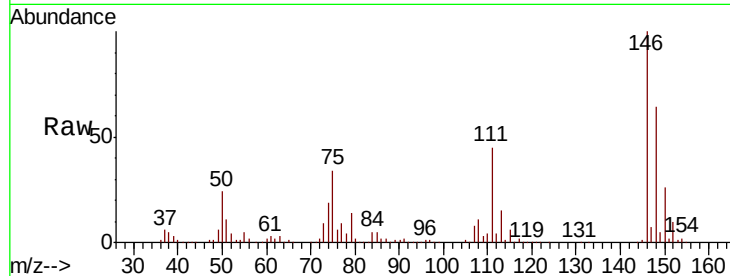




#14
1,2-Dichlorobenzene
Concen: 40.750 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

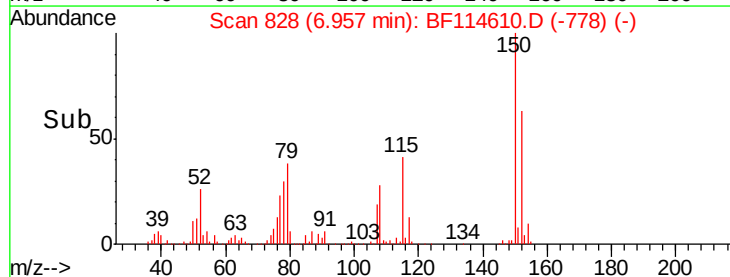
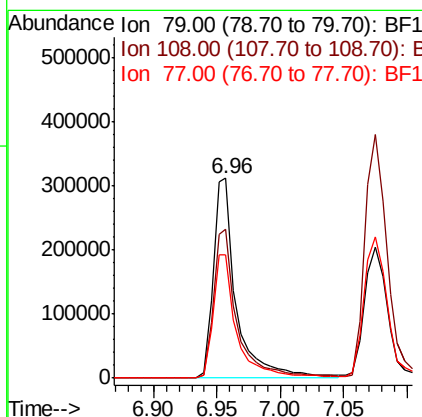
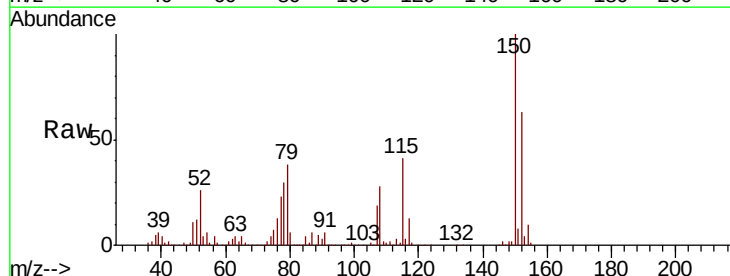
Instrument :
BNA_F
ClientSampleId :
PB119943BS

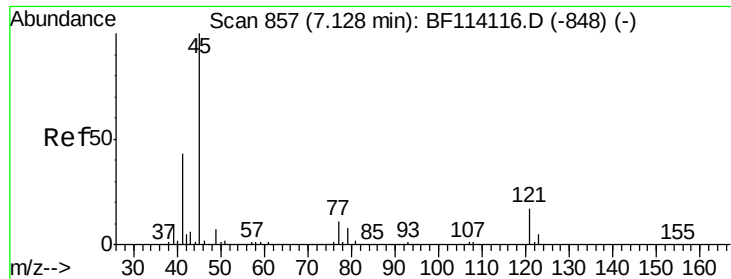
Tot Ion:146 Resp: 479324
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 45.0 35.3 52.9



#15
Benzyl Alcohol
Concen: 40.852 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion: 79 Resp: 401795
Ion Ratio Lower Upper
79 100
108 74.4 62.1 93.1
77 61.8 51.0 76.6

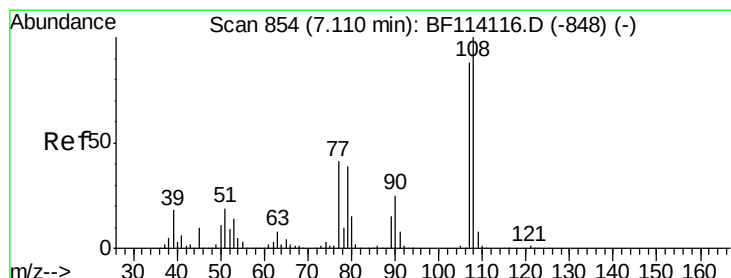
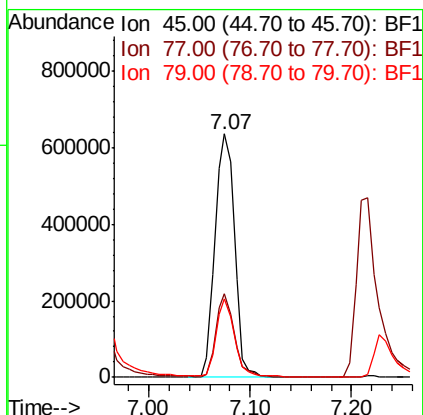
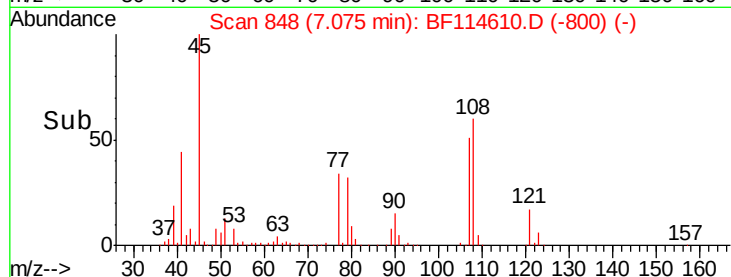
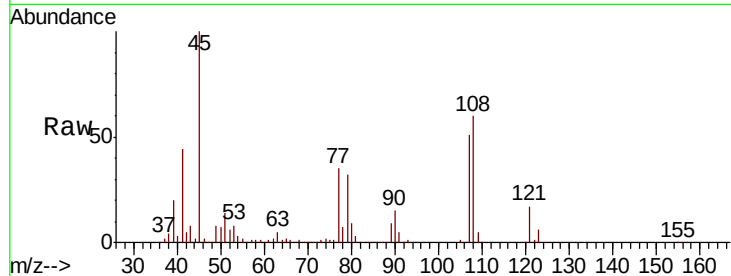




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.214 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

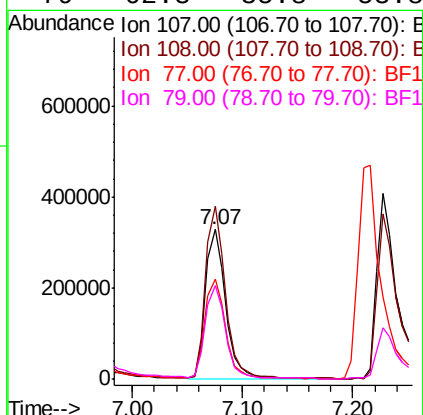
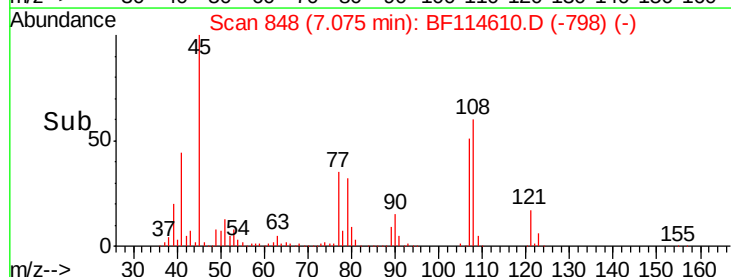
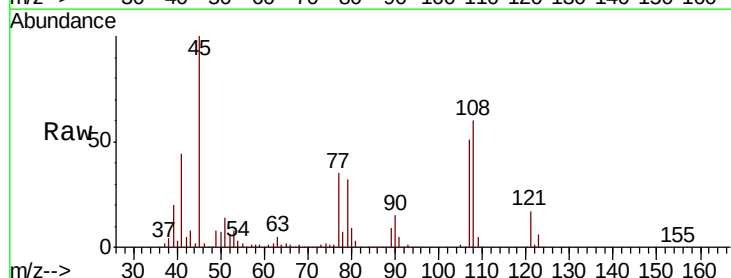
Instrument :
BNA_F
ClientSampleId :
PB119943BS

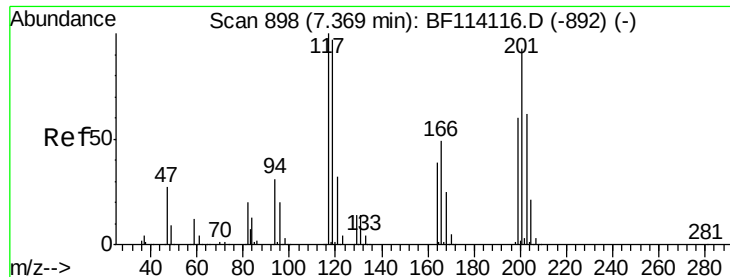
Tot Ion: 45 Resp: 856300
Ion Ratio Lower Upper
45 100
77 34.6 0.0 31.1#
79 32.1 0.0 28.4#



#17
2-Methylphenol
Concen: 43.415 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion: 107 Resp: 405935
Ion Ratio Lower Upper
107 100
108 115.9 90.5 135.7
77 67.1 37.0 55.4#
79 62.3 35.8 53.8#





#18

Hexachloroethane

Concen: 38.392 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

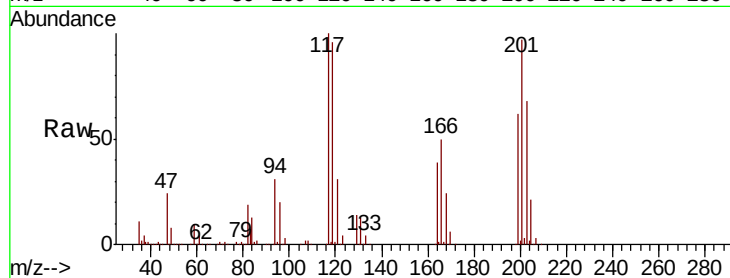
Tot Ion:117 Resp: 185540

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.2

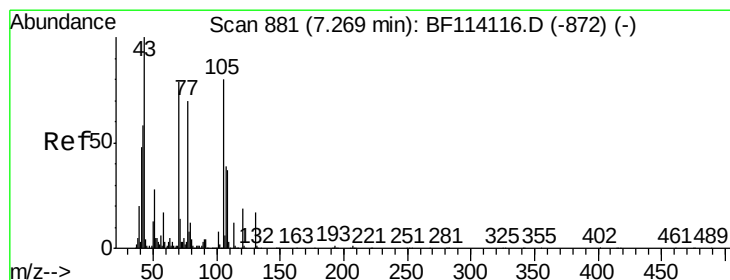
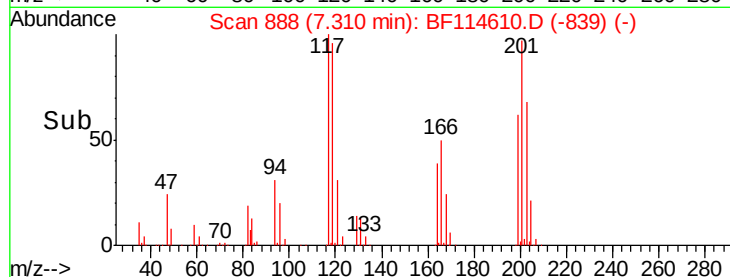
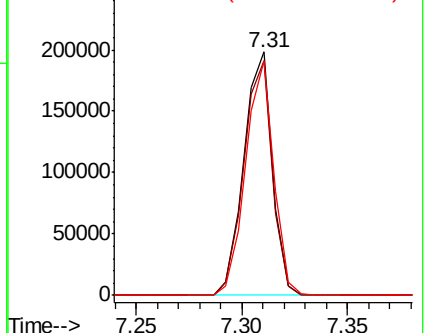
201 96.5 74.5 111.7



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: 43.609 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Tgt Ion: 70 Resp: 348576

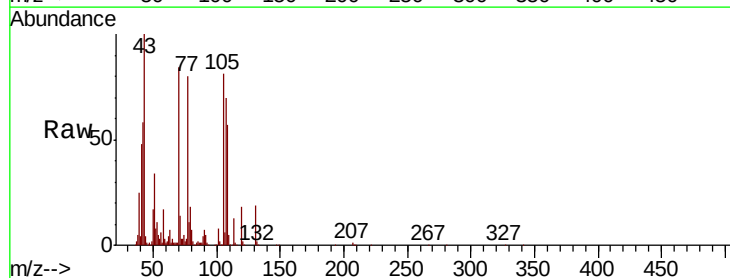
Ion Ratio Lower Upper

70 100

42 68.8 58.6 87.8

101 9.8 7.8 11.8

130 22.8 17.1 25.7

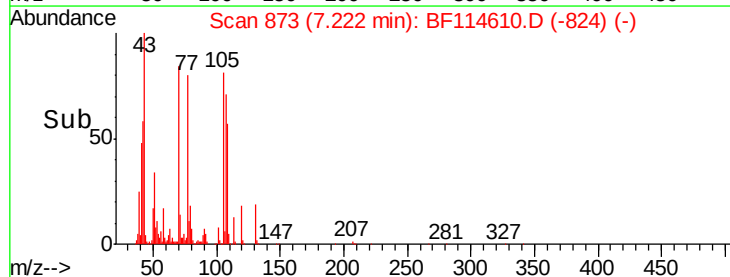
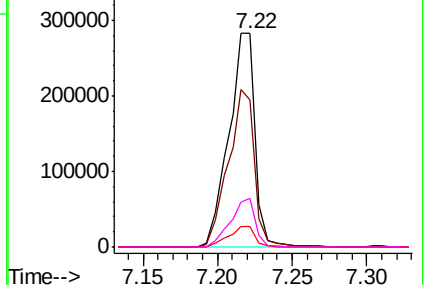


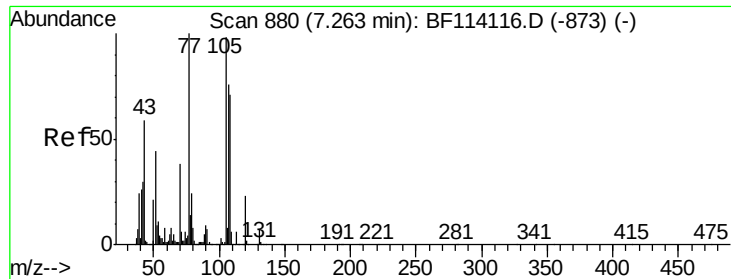
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

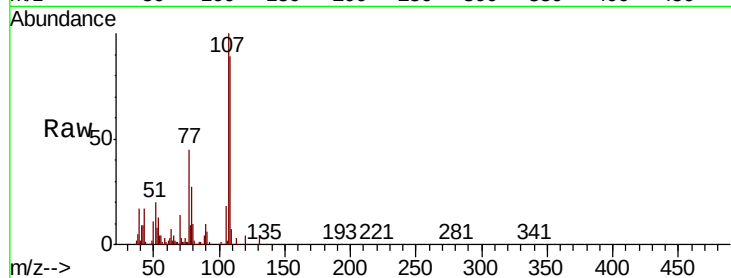




#20
3+4-Methylphenols
Concen: 50.829 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.8	113.8
77	44.5	111.5	151.5
79	27.3	12.0	52.0



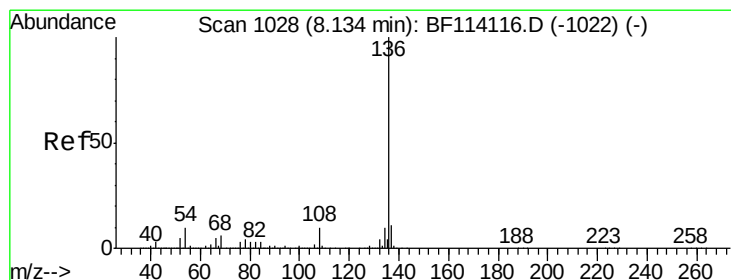
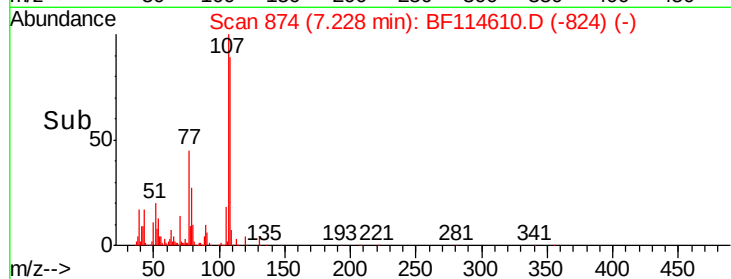
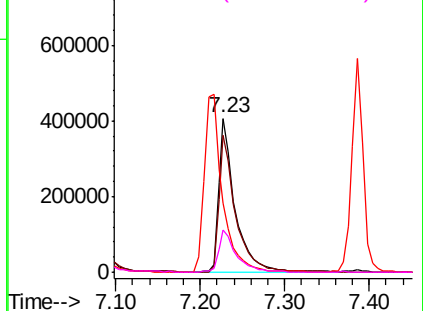
Abundance

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.6	7.8	11.8
68	5.9	5.1	7.7

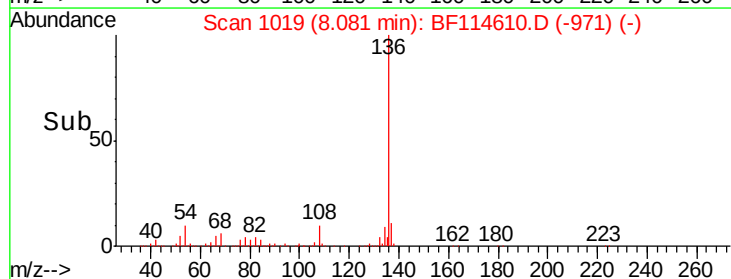
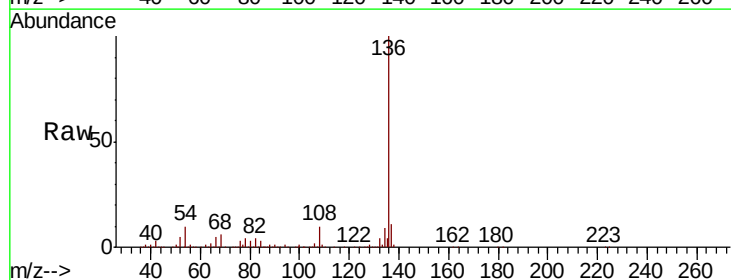
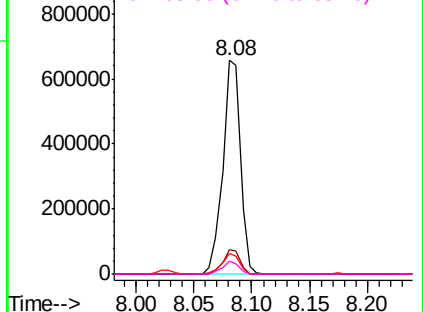
Abundance

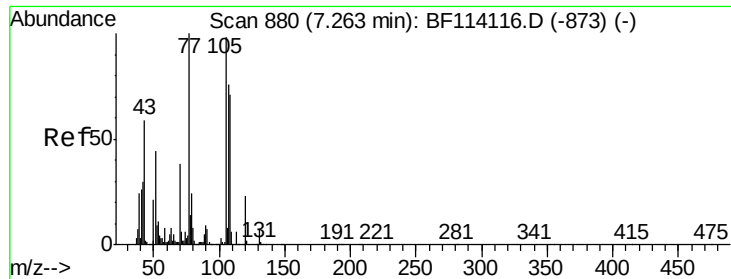
Ion 136.00 (135.70 to 136.70): E

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

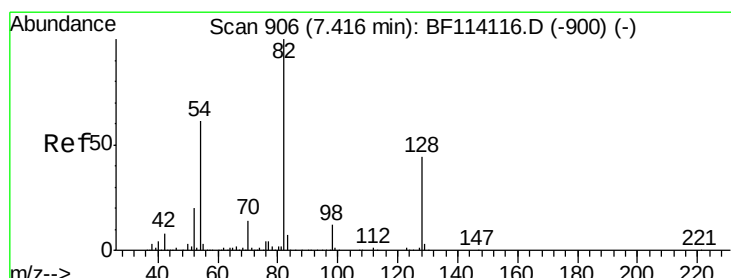
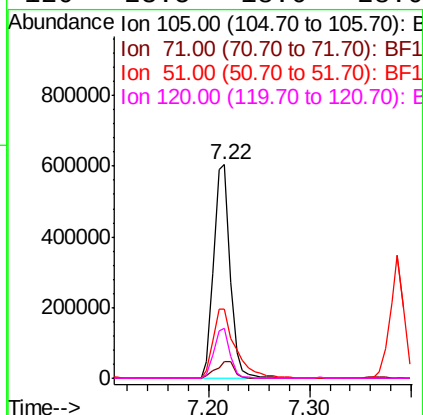
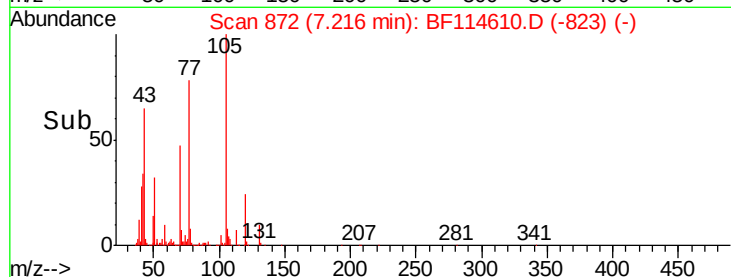
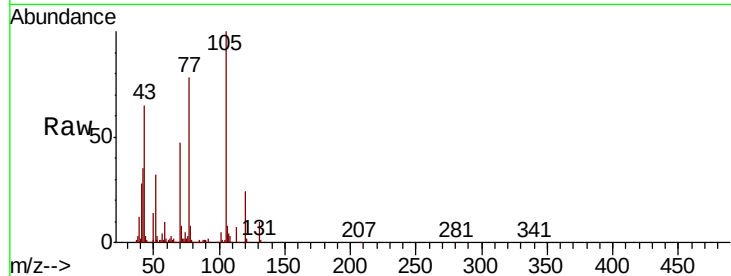




#22
Acetophenone
Concen: 44.293 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

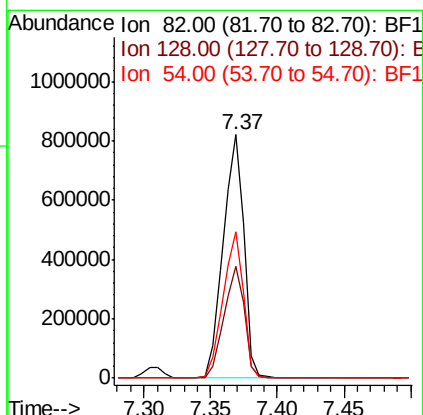
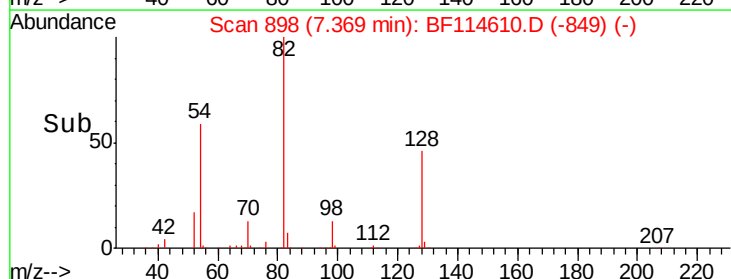
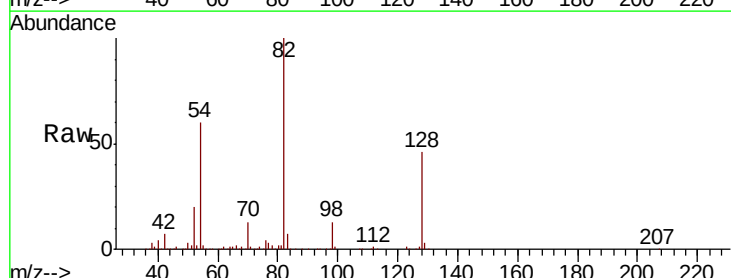
Instrument :
BNA_F
ClientSampleId :
PB119943BS

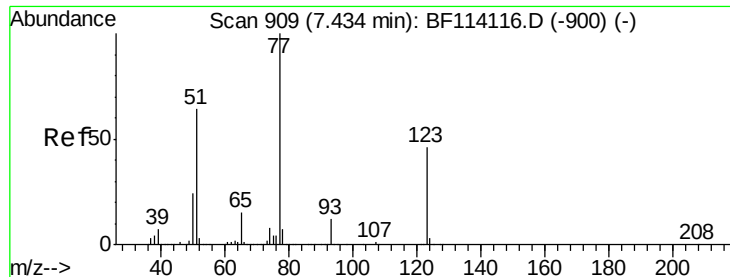
Tot Ion:105 Resp: 684386
Ion Ratio Lower Upper
105 100
71 7.7 5.3 7.9
51 32.1 36.2 54.4#
120 23.5 18.6 28.0



#23
Nitrobenzene-d5
Concen: 72.695 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion: 82 Resp: 903479
Ion Ratio Lower Upper
82 100
128 45.8 35.5 53.3
54 60.3 48.5 72.7





#24

Nitrobenzene

Concen: 42.102 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

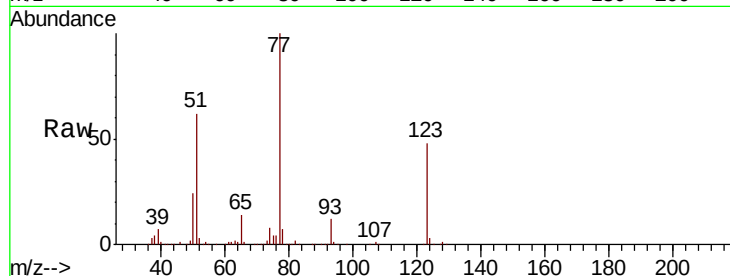
Tot Ion: 77 Resp: 532940

Ion Ratio Lower Upper

77 100

123 47.5 36.9 55.3

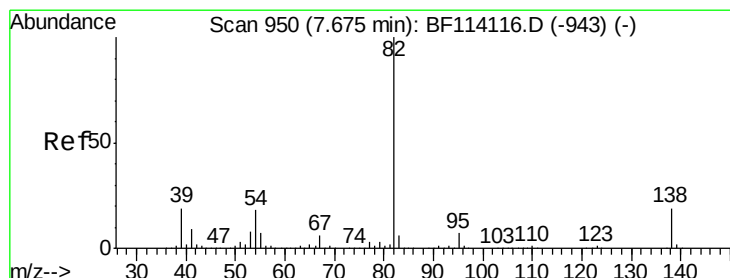
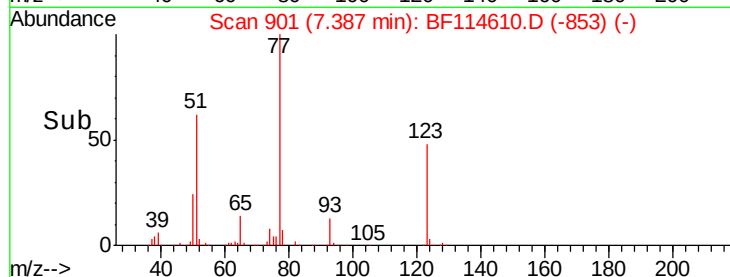
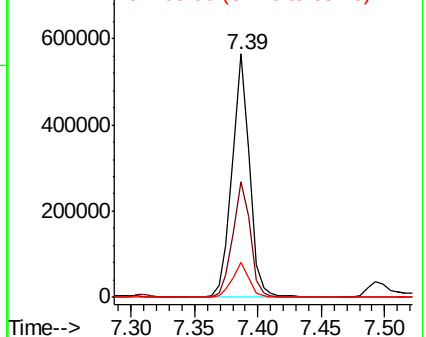
65 14.2 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 42.188 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

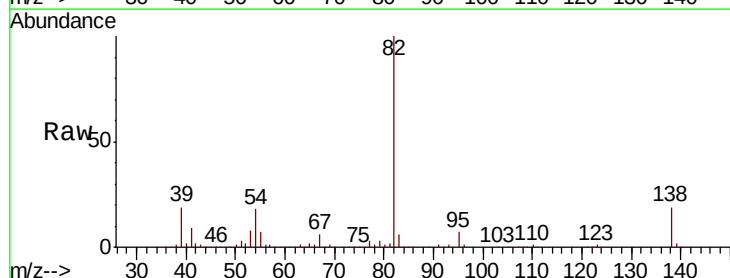
Tgt Ion: 82 Resp: 972418

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

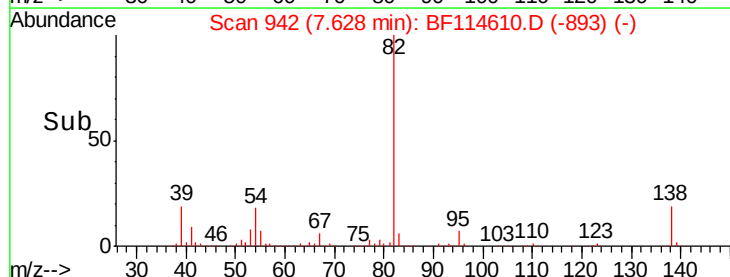
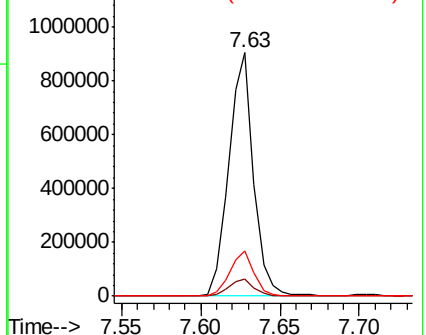
138 18.7 14.8 22.2

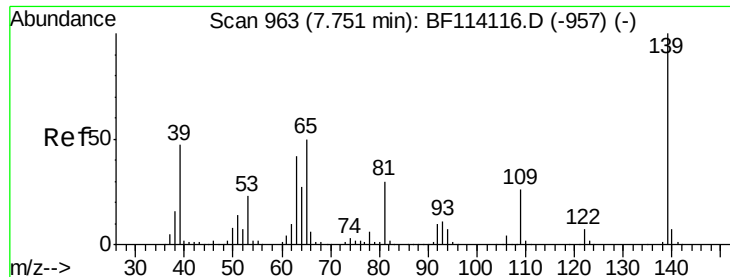


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

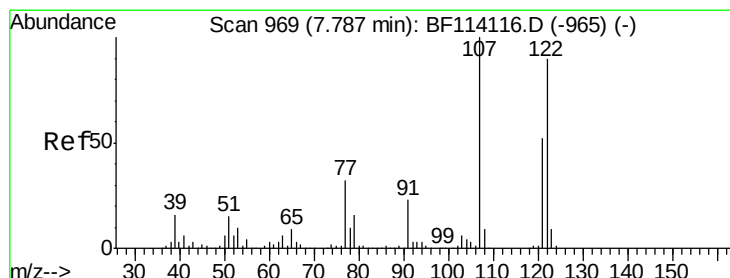
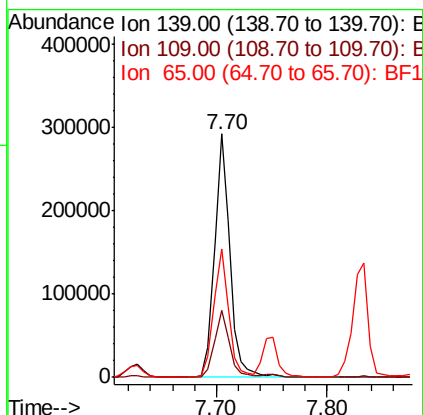
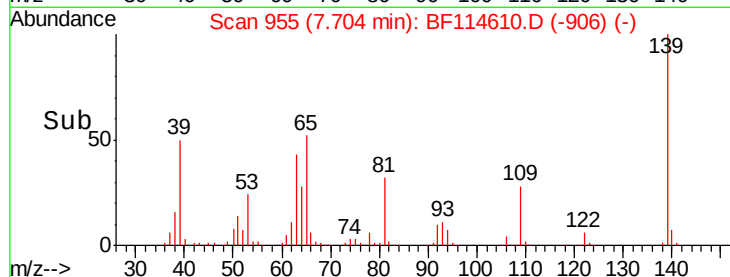
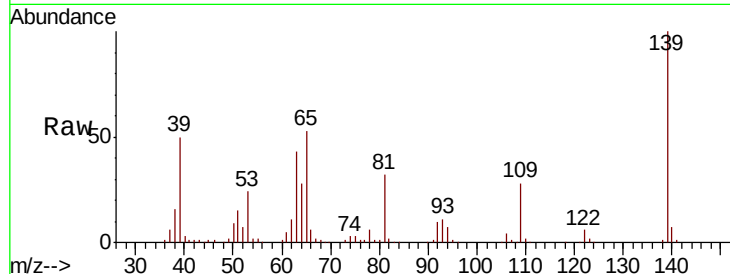




#26
 2-Nitrophenol
 Concen: 45.477 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

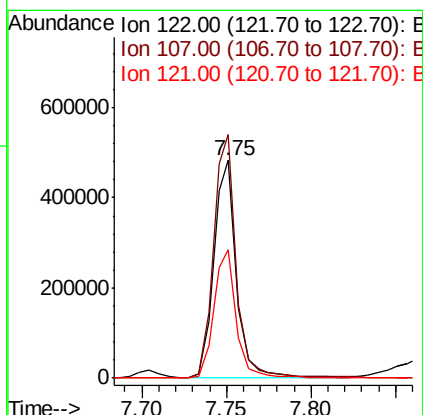
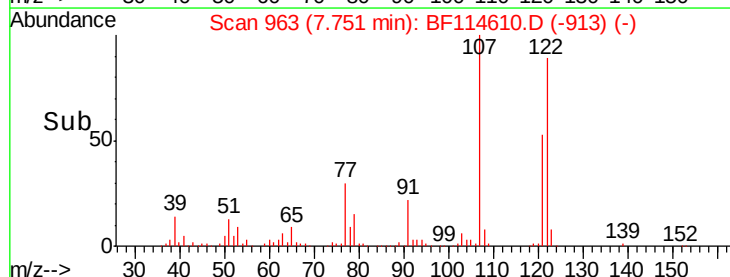
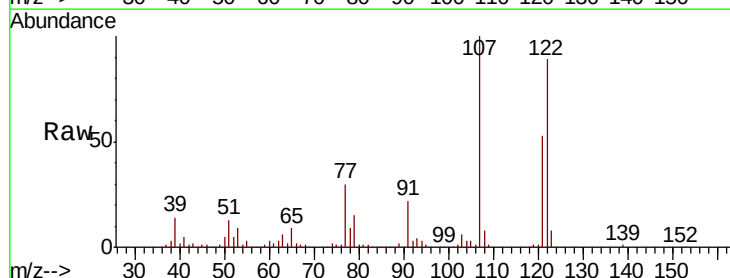
Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

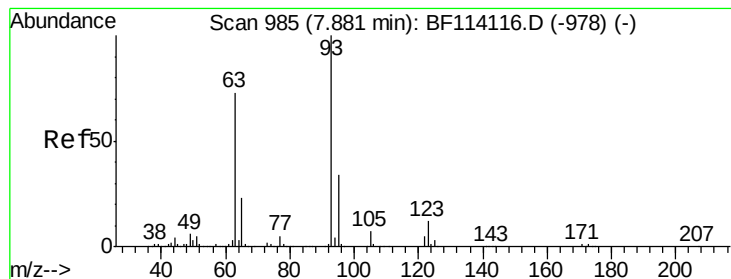
Tot Ion	Ratio	Lower	Upper
139	100		
109	27.5	20.7	31.1
65	52.7	40.2	60.2



#27
 2,4-Dimethylphenol
 Concen: 46.917 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.0	88.4	132.6
121	59.2	45.9	68.9





#28

bis(2-Chloroethoxy)methane

Concen: 41.961 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

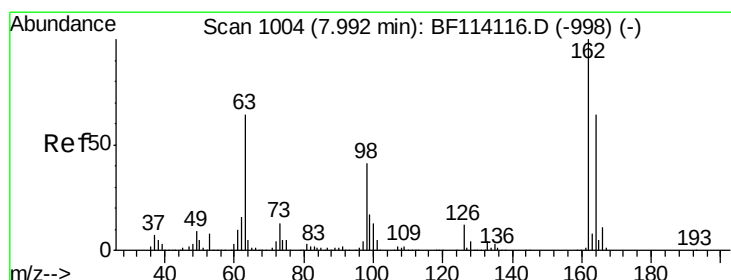
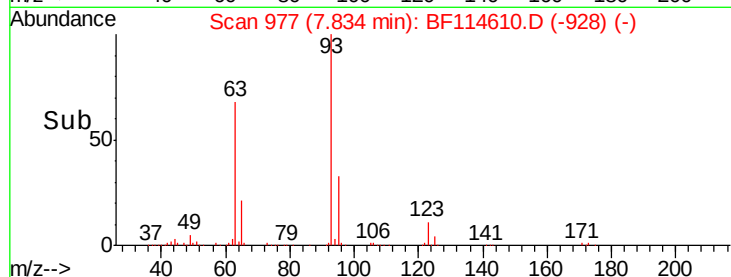
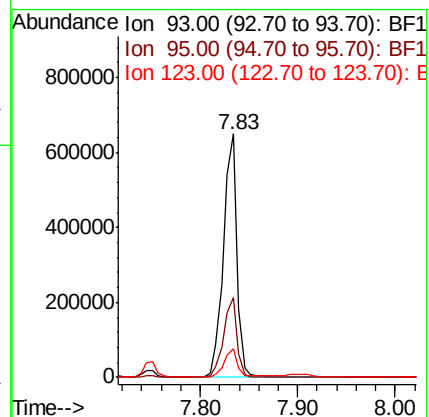
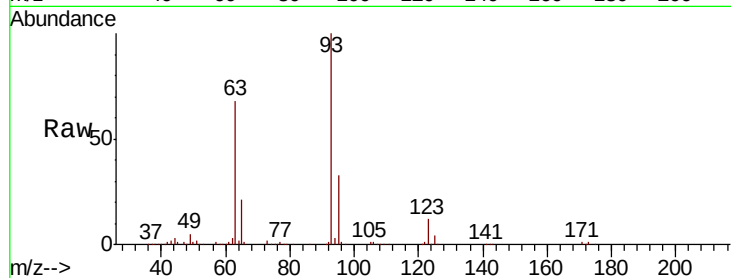
Tot Ion: 93 Resp: 627544

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

123 11.6 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 45.908 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

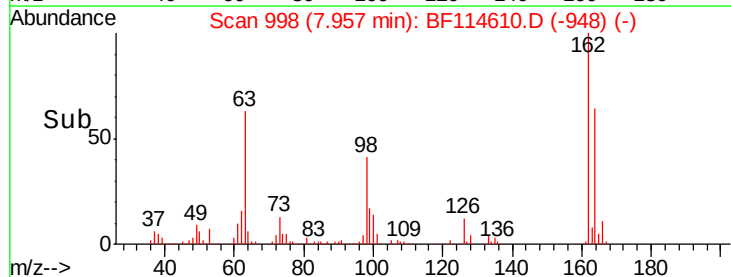
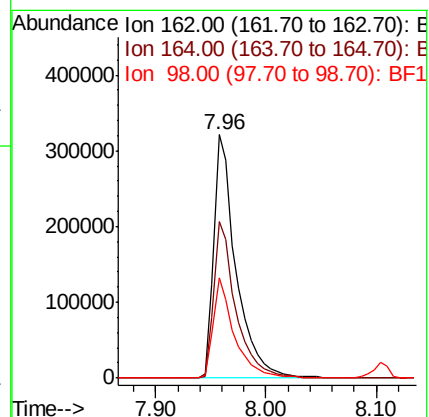
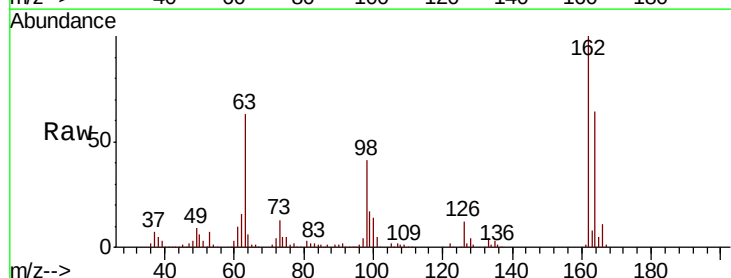
Tgt Ion: 162 Resp: 440932

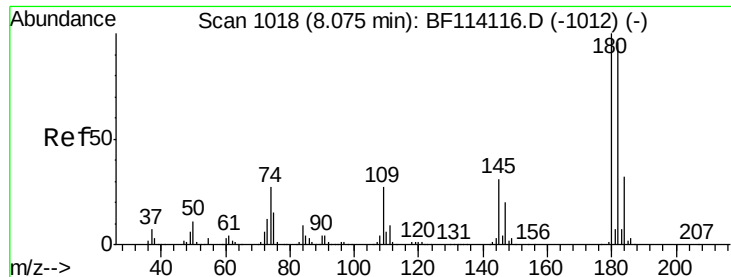
Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

98 41.1 20.6 60.6

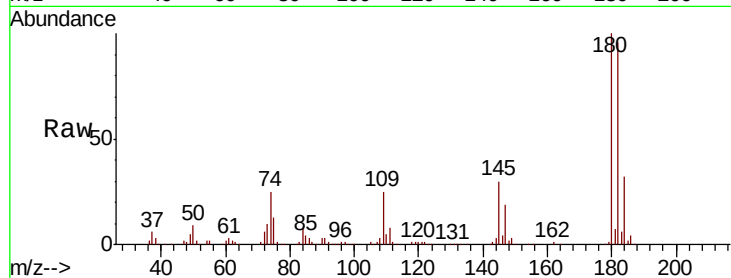




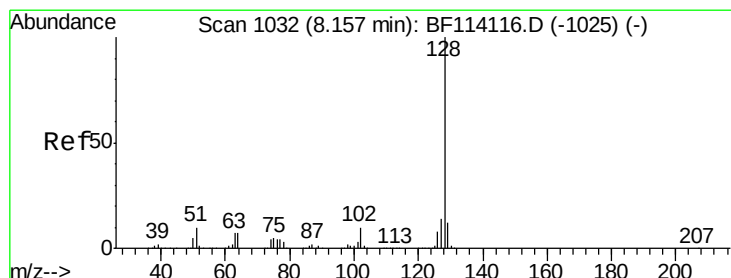
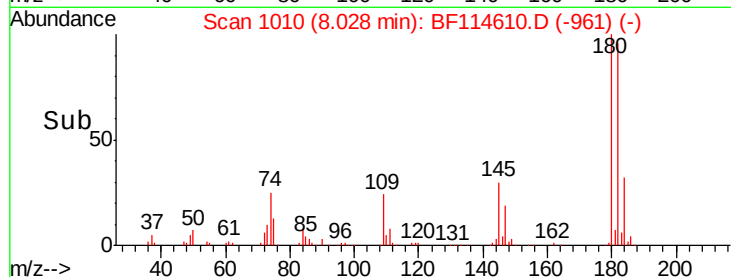
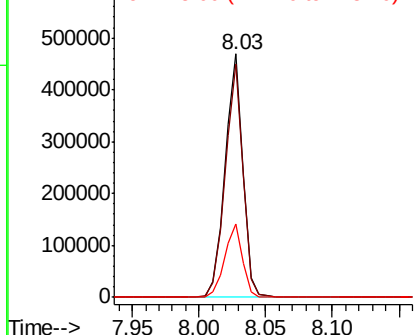
#30
1,2,4-Trichlorobenzene
Concen: 40.638 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:180 Resp: 443832
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 29.9 25.1 37.7

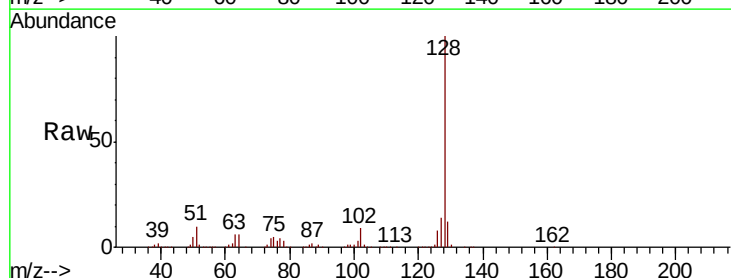


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

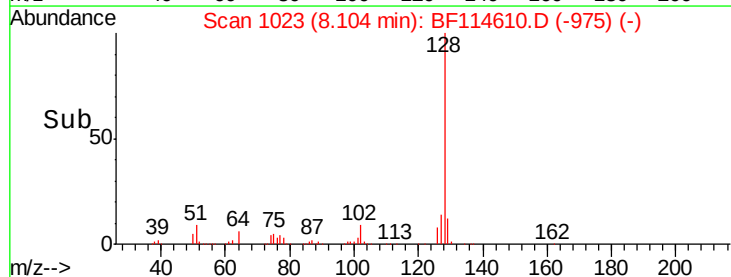
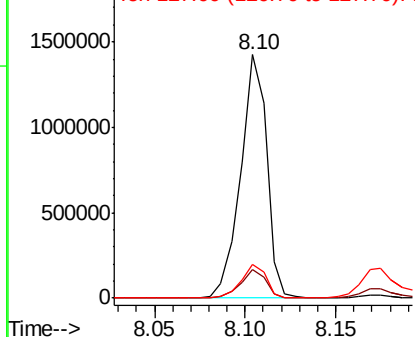


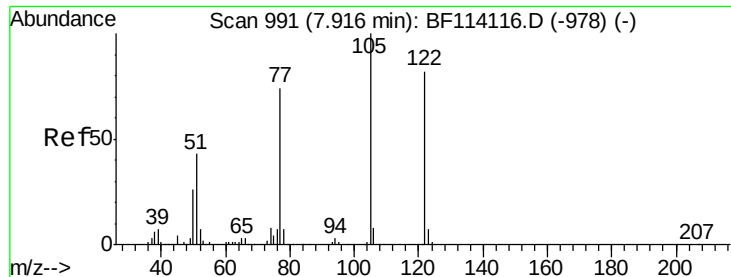
#31
Naphthalene
Concen: 43.838 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:128 Resp: 1428240
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.7 11.3 16.9



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

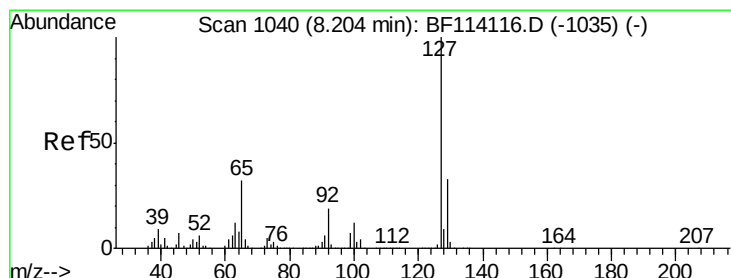
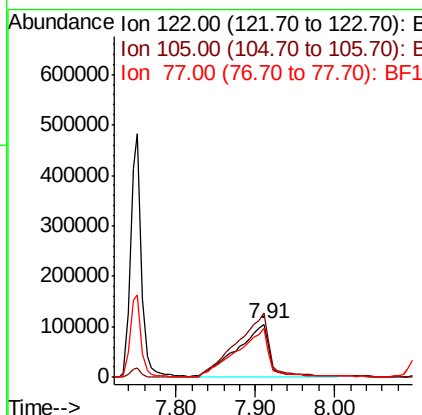
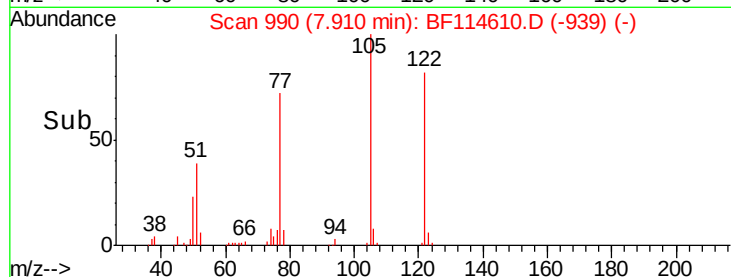
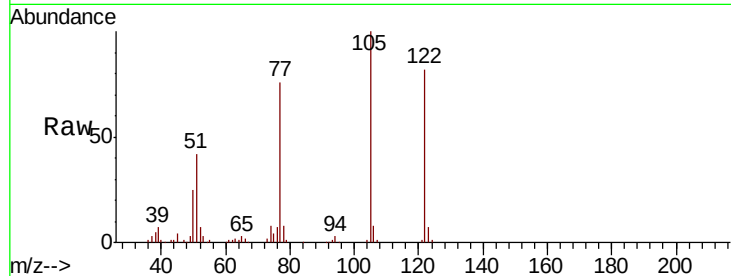




#32
Benzoic acid
Concen: 44.023 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

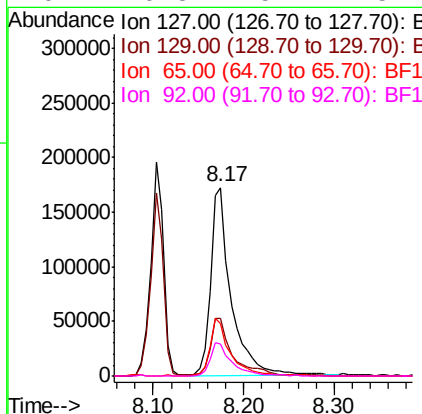
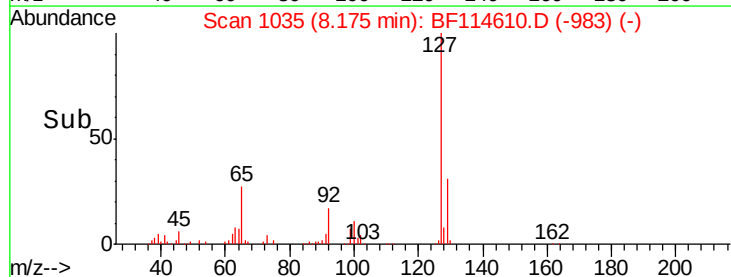
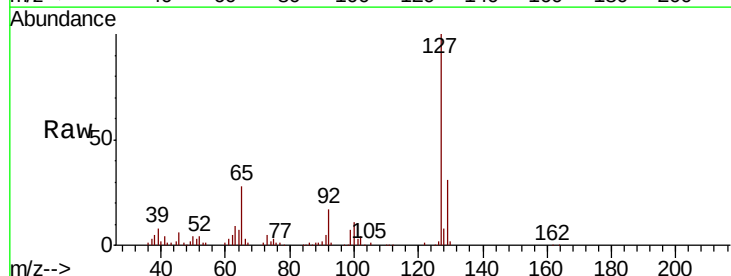
Instrument :
BNA_F
ClientSampleId :
PB119943BS

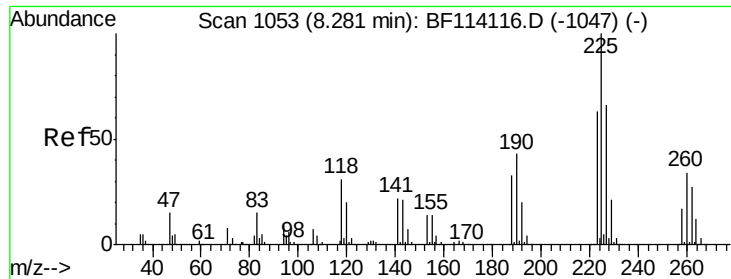
Tot Ion	Ratio	Lower	Upper
122	100		
105	121.9	99.9	139.9
77	92.2	69.4	109.4



#33
4-Chloroaniline
Concen: 18.241 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.7	40.1
65	28.0	25.4	38.0
92	16.8	15.4	23.2





#34

Hexachlorobutadiene

Concen: 39.361 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

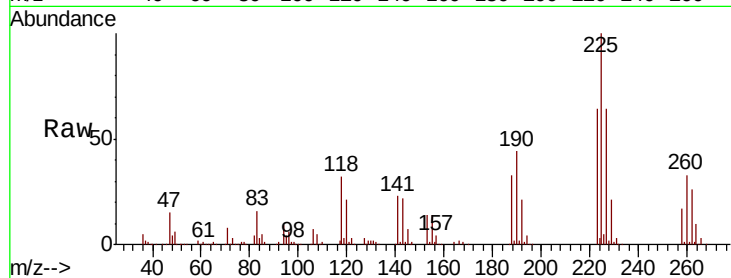
Tot Ion:225 Resp: 244601

Ion Ratio Lower Upper

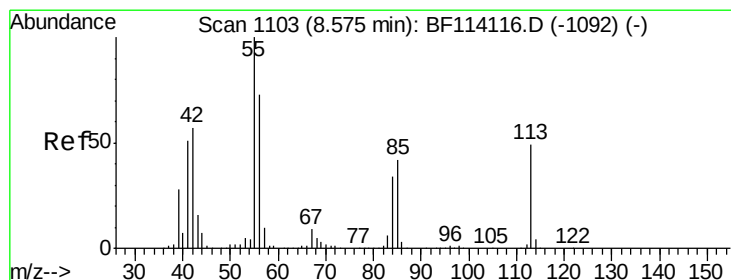
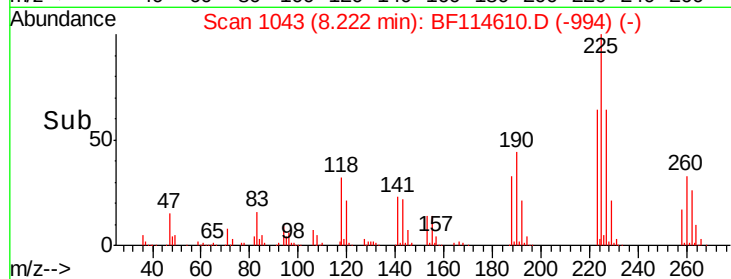
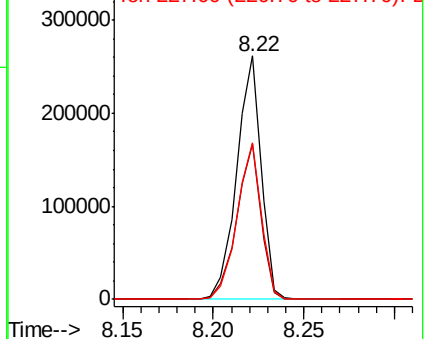
225 100

223 63.7 50.2 75.2

227 64.2 52.6 79.0



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



#35

Caprolactam

Concen: 24.224 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

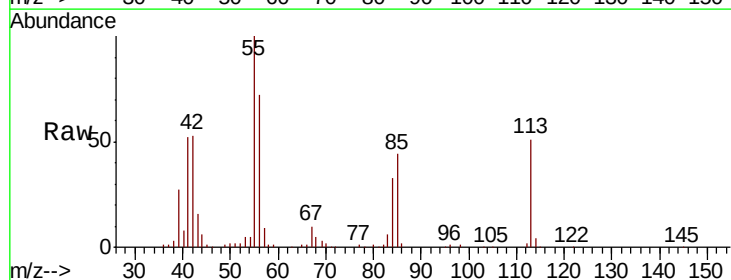
Tgt Ion:113 Resp: 75866

Ion Ratio Lower Upper

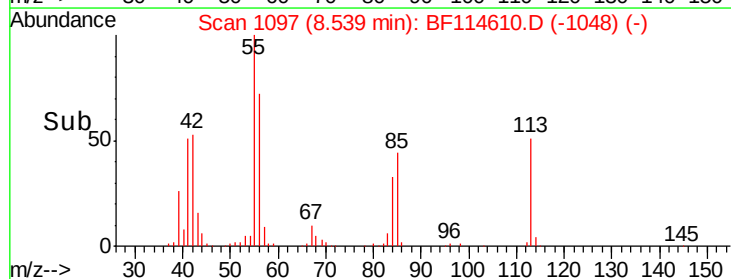
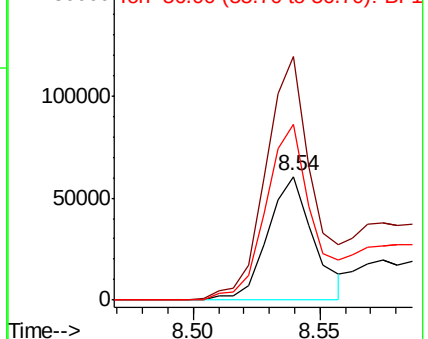
113 100

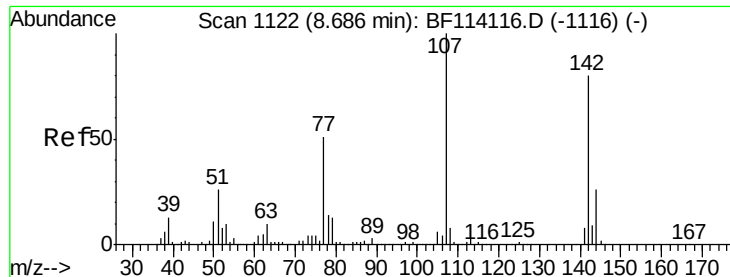
55 197.5 183.5 223.5

56 142.7 128.8 168.8



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

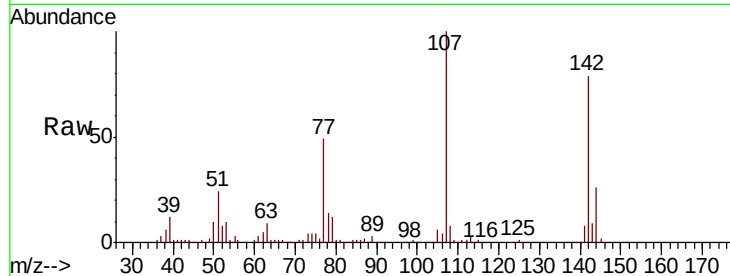




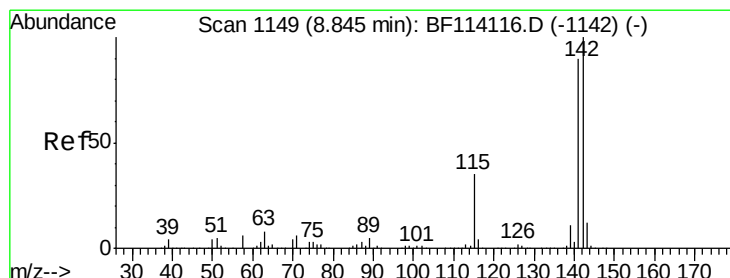
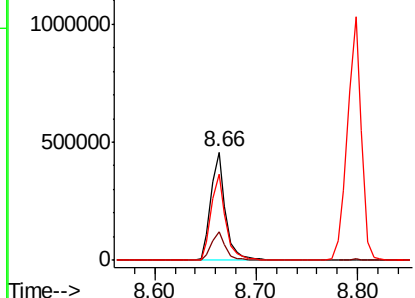
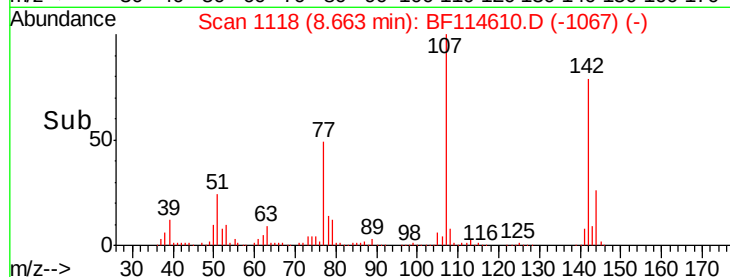
#36
4-Chloro-3-methylphenol
Concen: 47.981 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:107 Resp: 463872
Ion Ratio Lower Upper
107 100
144 26.3 20.4 30.6
142 79.1 64.2 96.4

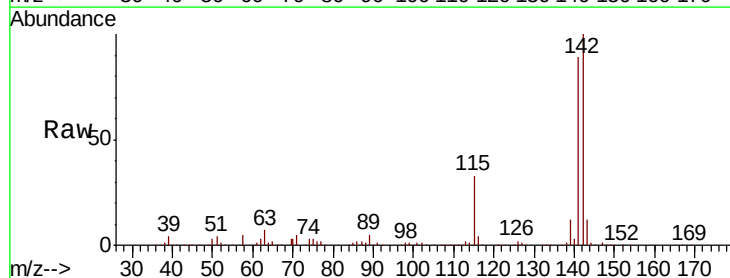


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

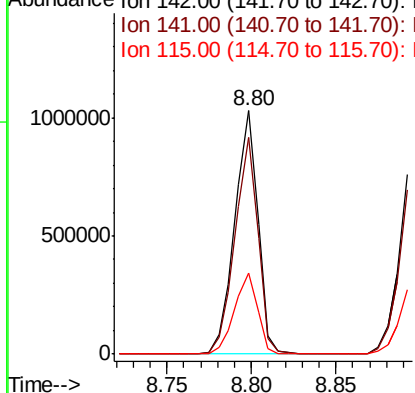
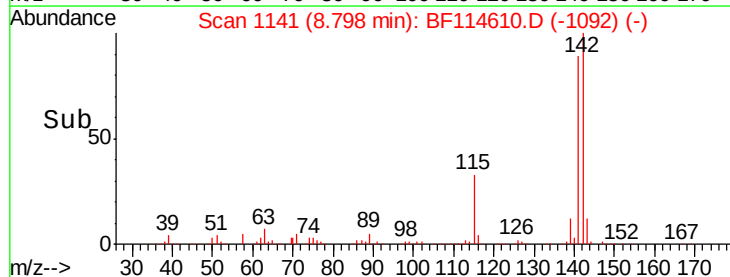


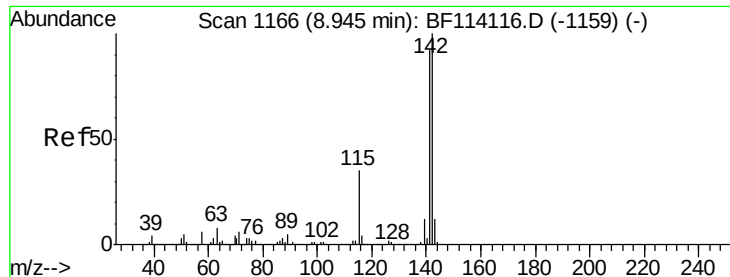
#37
2-Methylnaphthalene
Concen: 46.616 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:142 Resp: 979905
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1
115 33.4 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

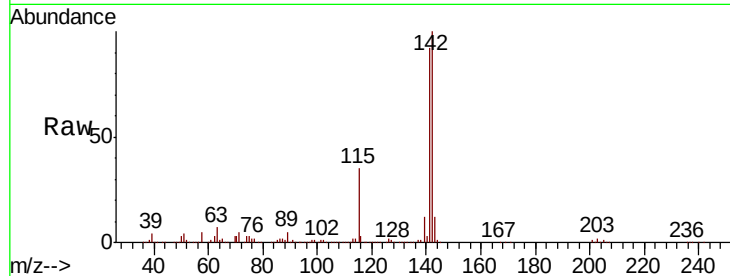




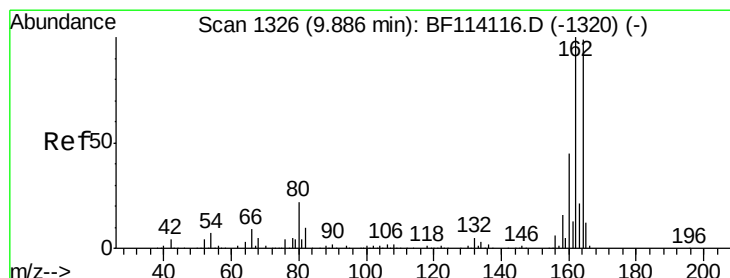
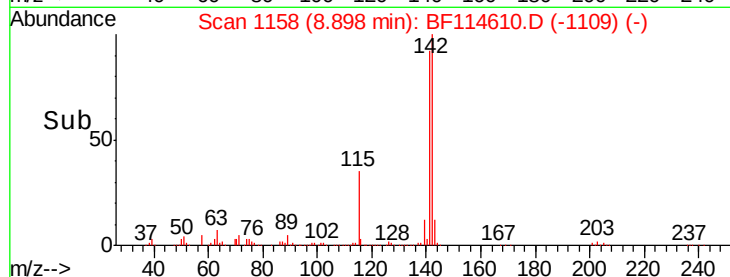
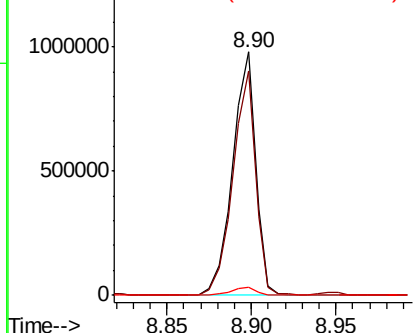
#38
1-Methylnaphthalene
Concen: 46.650 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:142 Resp: 923454
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 3.4 3.1 4.7

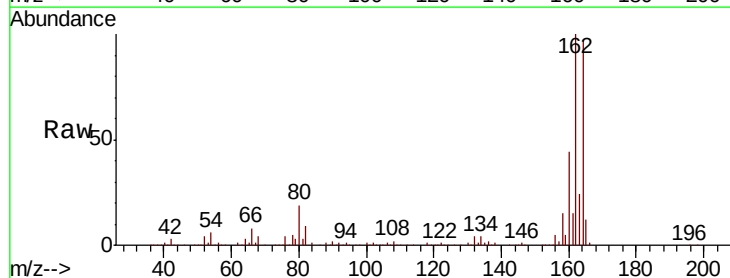


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

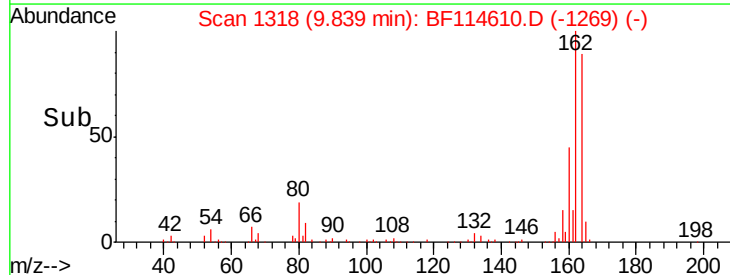
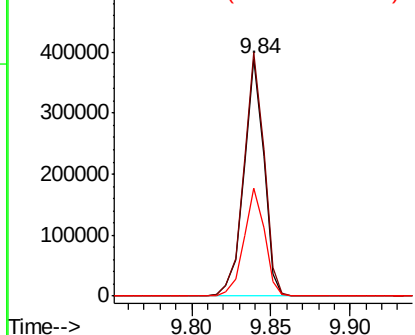


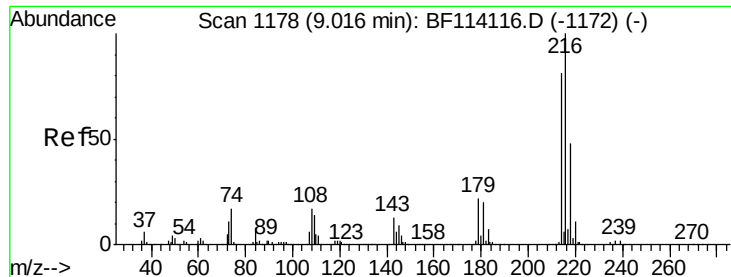
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:164 Resp: 338611
Ion Ratio Lower Upper
164 100
162 102.6 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

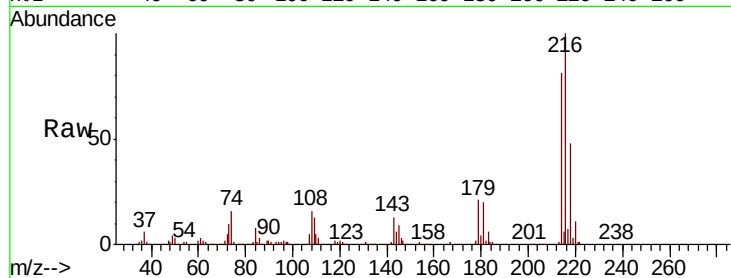




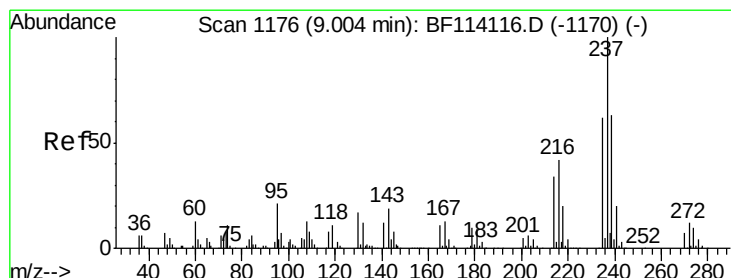
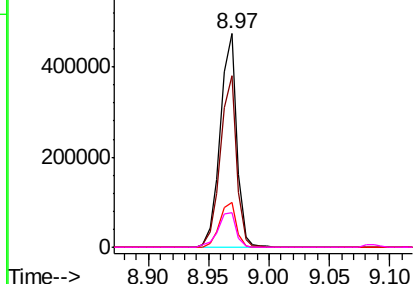
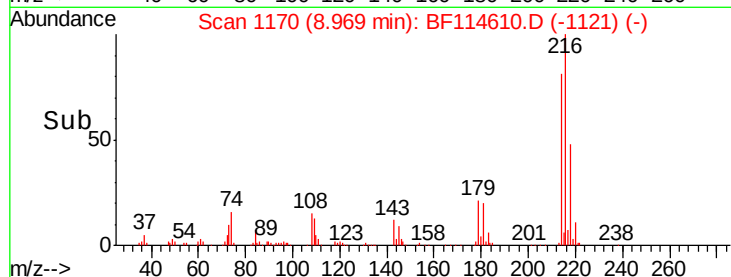
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.275 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion:216	Resp:	443880
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.9 95.9
179	21.2	17.0 25.6
108	17.9	14.8 22.2

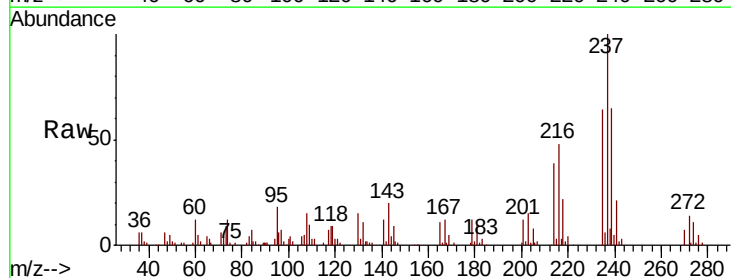


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

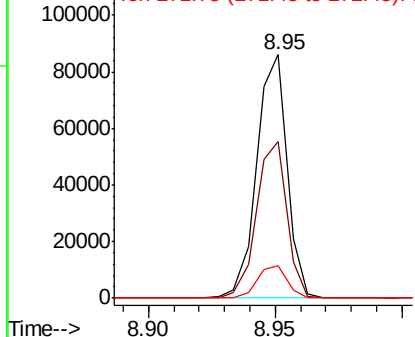
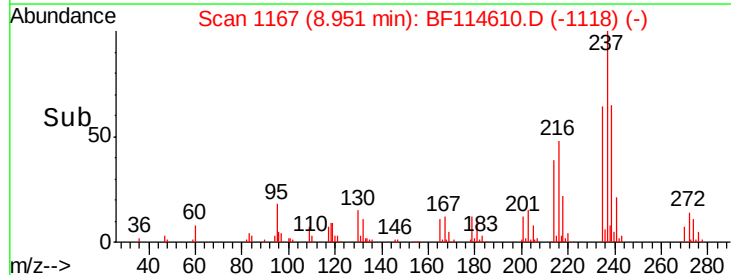


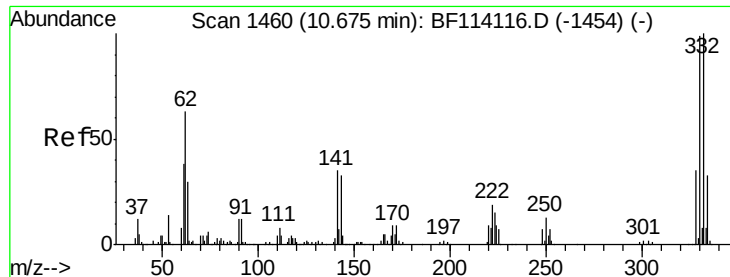
#41
 Hexachlorocyclopentadiene
 Concen: 18.688 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion:237	Resp:	72563
Ion Ratio	Lower	Upper
237	100	
235	64.5	42.0 82.0
272	13.5	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: 121.111 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

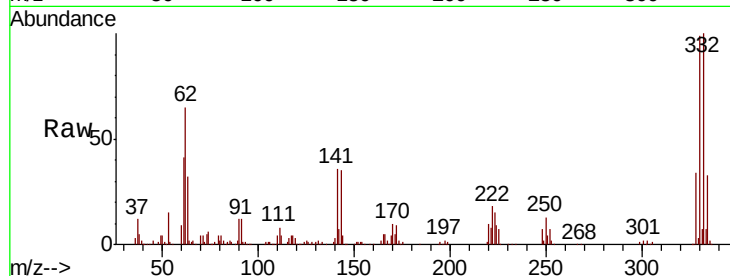
Tot Ion:330 Resp: 423969

Ion Ratio Lower Upper

330 100

332 101.5 81.4 122.2

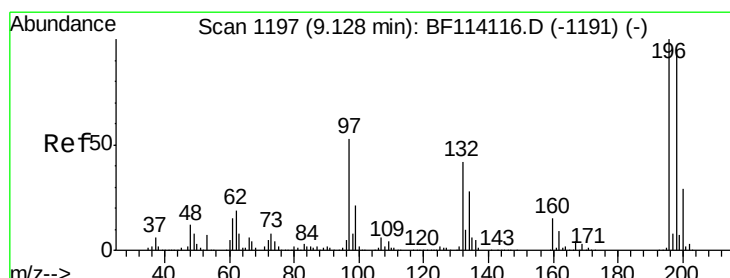
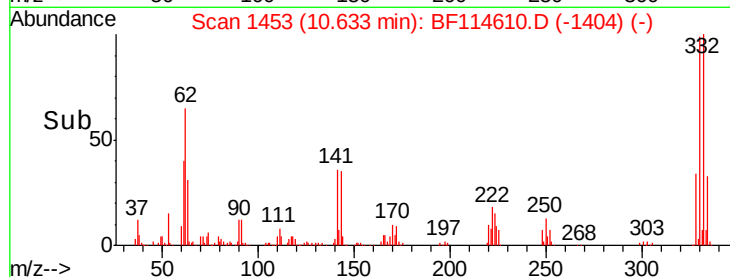
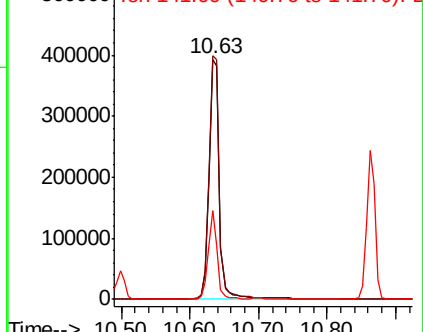
141 32.4 26.6 40.0



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: 40.456 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

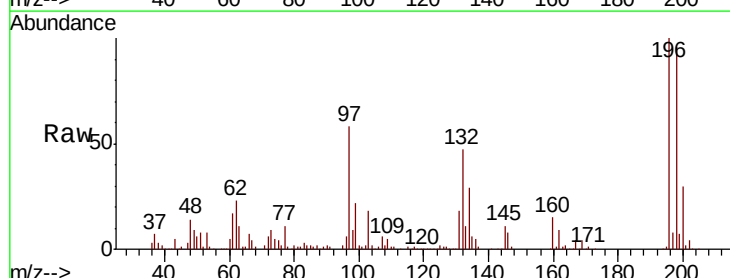
Tgt Ion:196 Resp: 285425

Ion Ratio Lower Upper

196 100

198 95.7 75.9 113.9

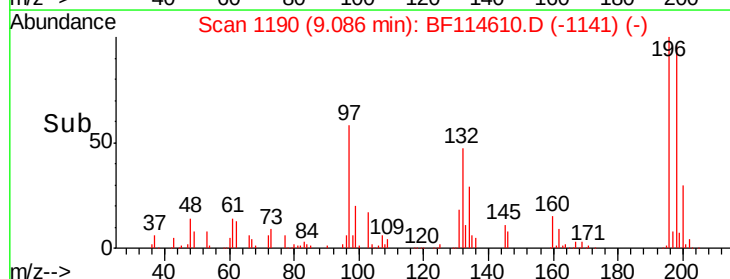
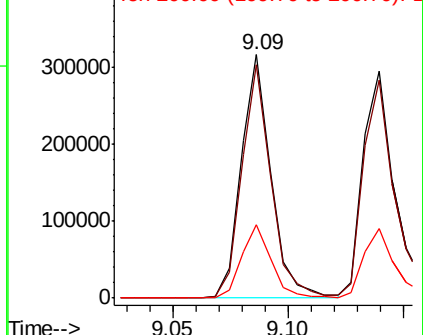
200 29.9 23.5 35.3

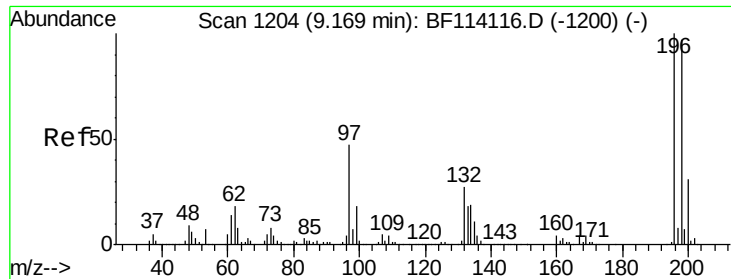


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

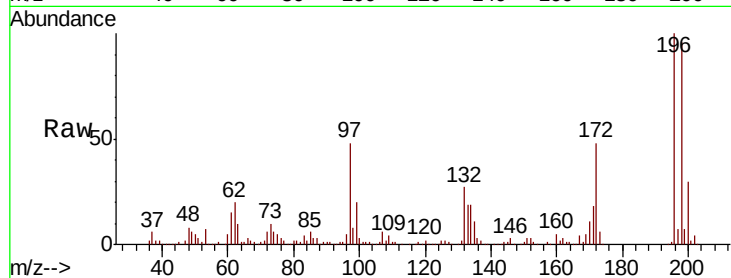




#44
 2,4,5-Trichlorophenol
 Concen: 41.937 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.7	116.5
97	48.2	38.2	57.2
132	27.2	21.4	32.2



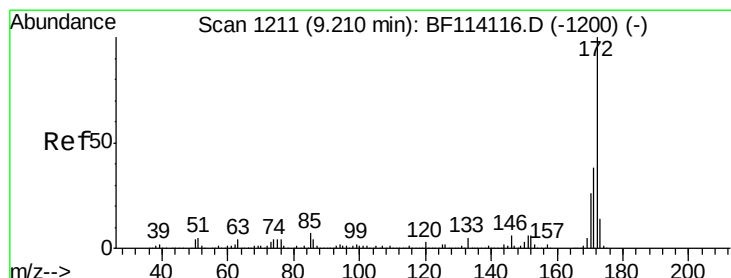
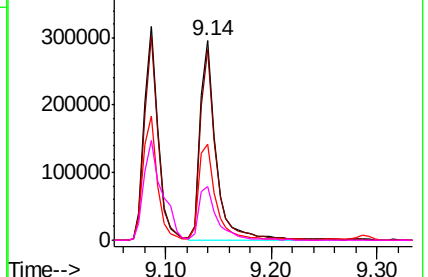
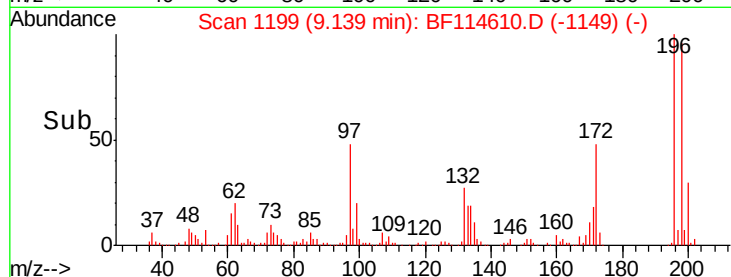
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

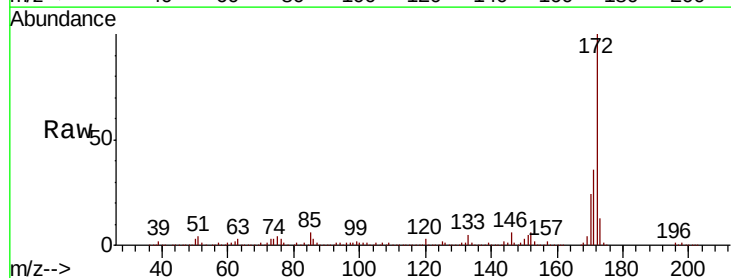
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.969 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.7	46.1
170	23.6	20.5	30.7

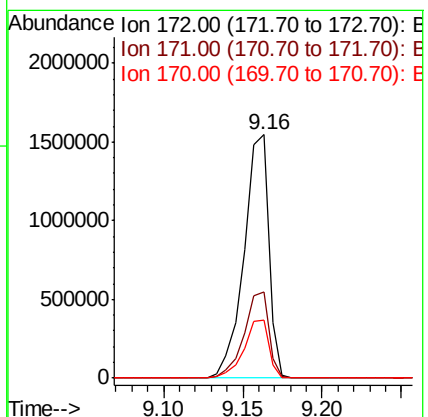
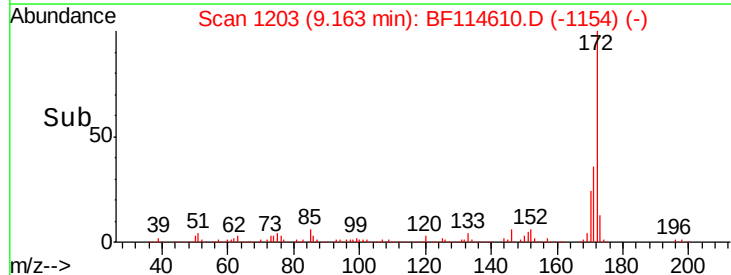


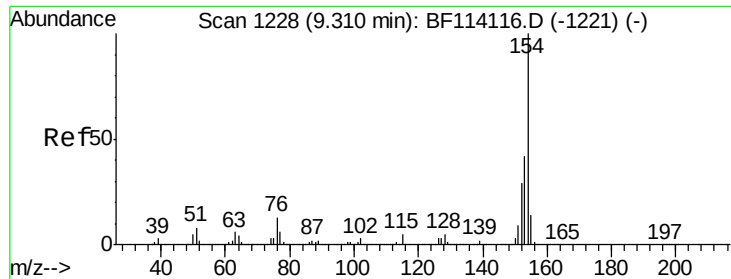
Abundance

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

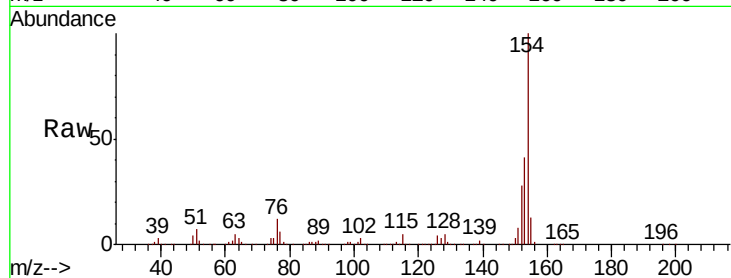




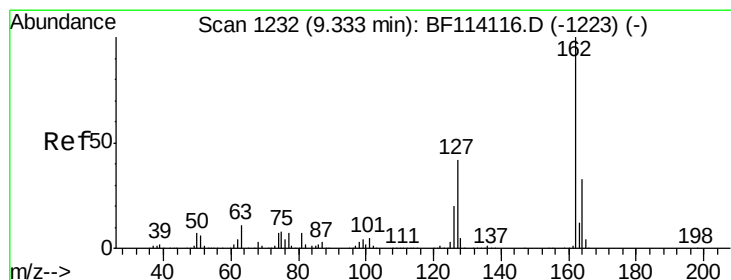
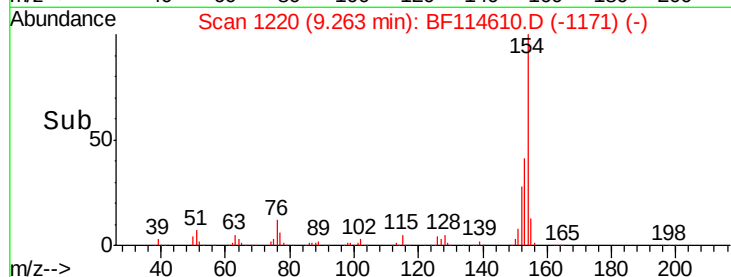
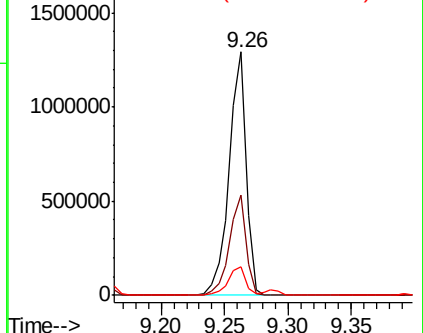
#46
 1,1'-Biphenyl
 Concen: 43.822 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion:154 Resp: 1198754
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.9 61.9
 76 11.9 0.0 32.8

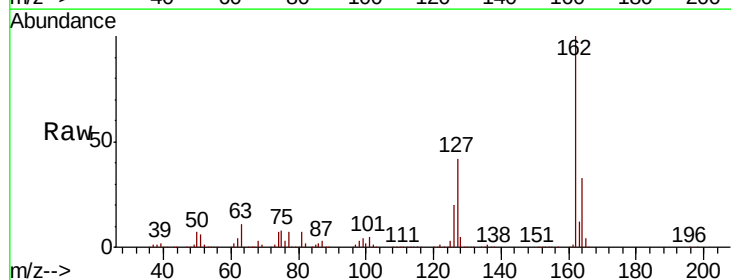


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

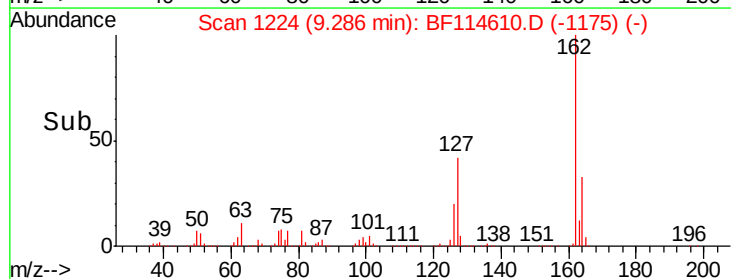
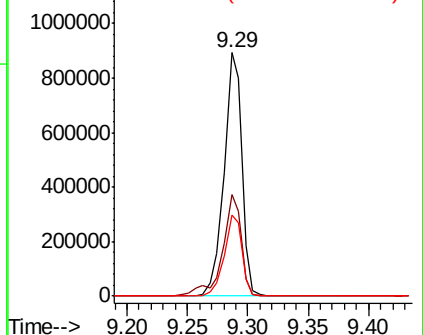


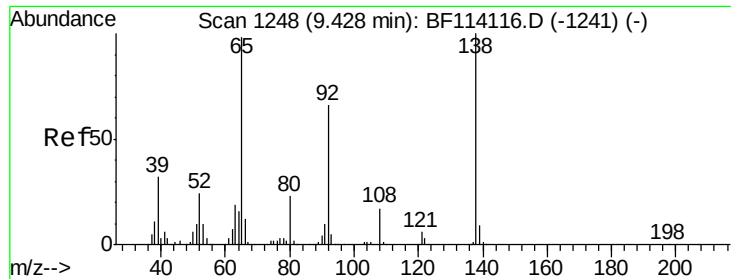
#47
 2-Chloronaphthalene
 Concen: 41.279 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion:162 Resp: 908765
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.0 51.0
 164 33.1 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

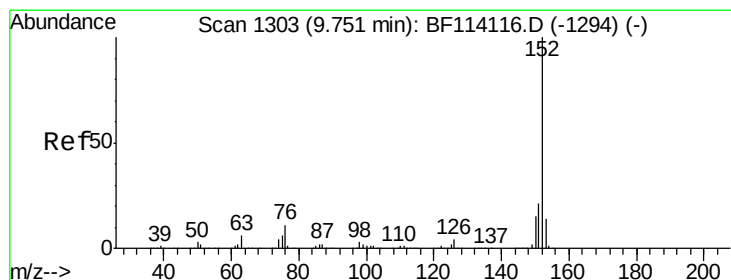
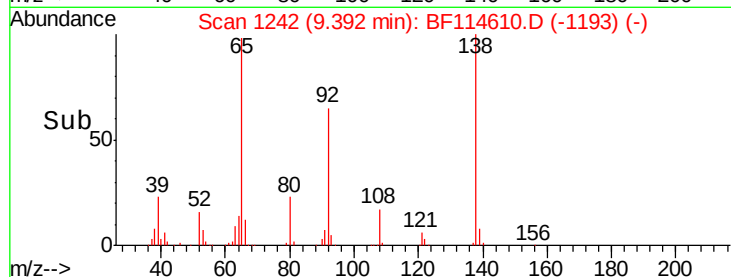
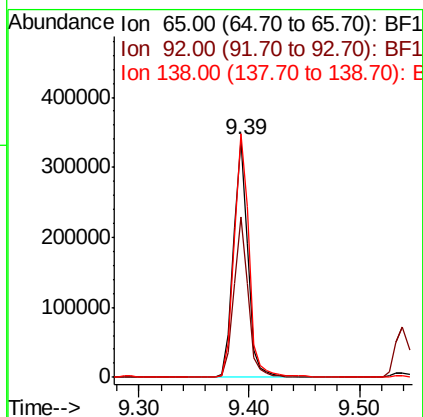
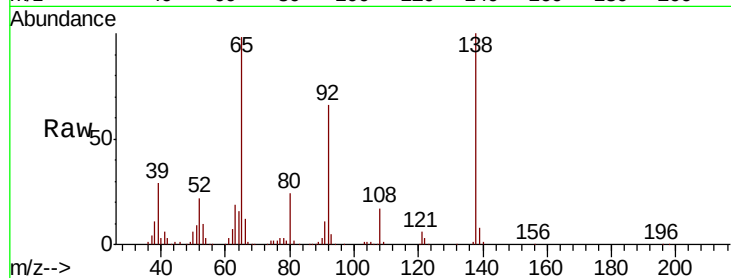




#48
2-Nitroaniline
Concen: 39.876 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

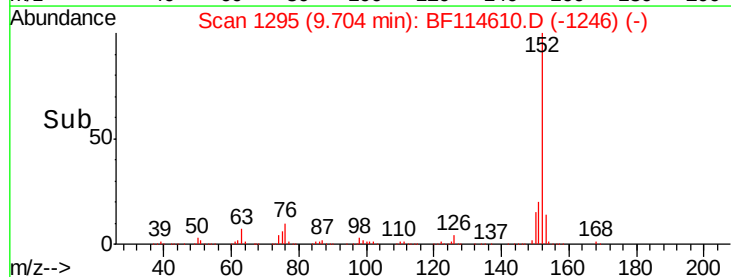
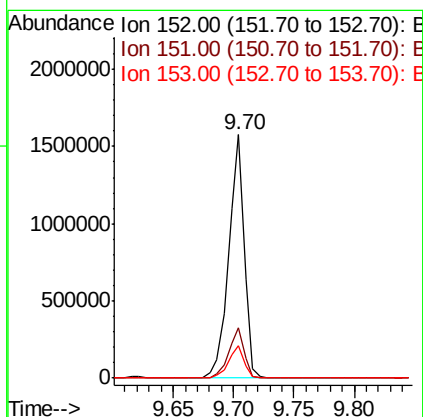
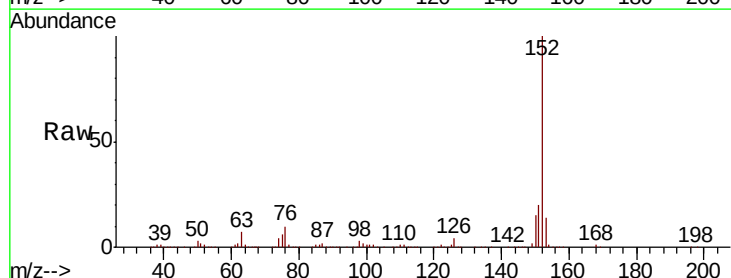
Instrument :
BNA_F
ClientSampleId :
PB119943BS

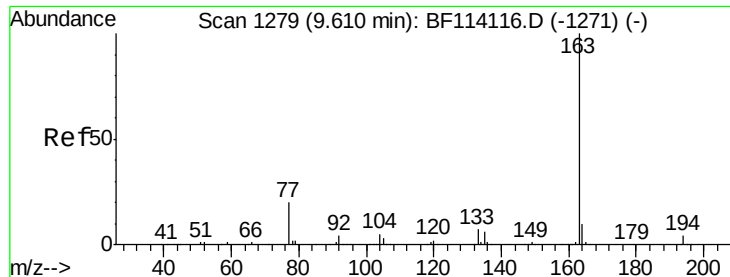
Tot Ion: 65 Resp: 311336
Ion Ratio Lower Upper
65 100
92 67.3 53.9 80.9
138 102.4 81.4 122.0



#49
Acenaphthylene
Concen: 41.950 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion: 152 Resp: 1404639
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.5 11.4 17.2

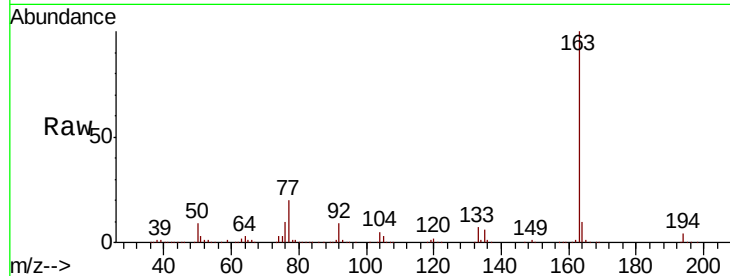




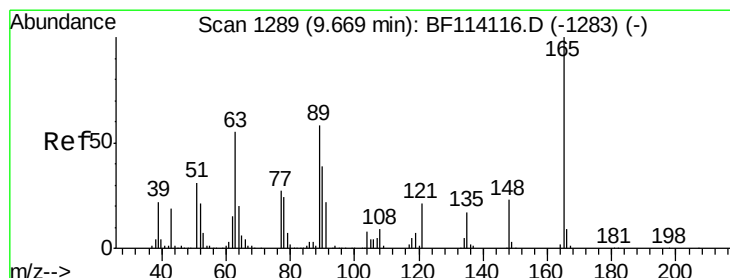
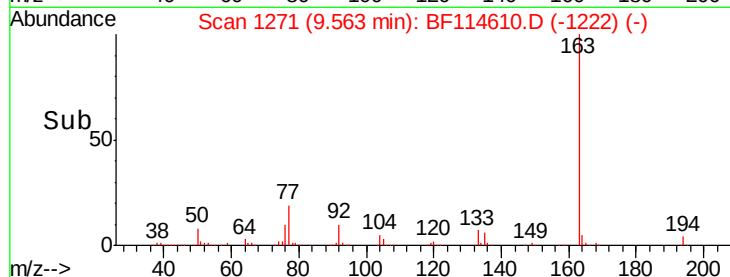
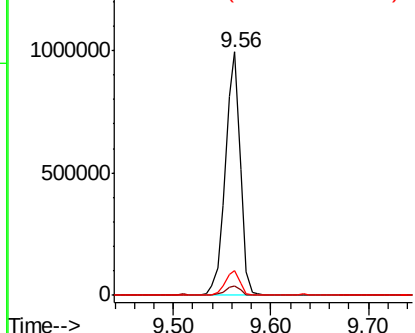
#50
Dimethylphthalate
Concen: 42.229 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:163 Resp: 1049696
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.2

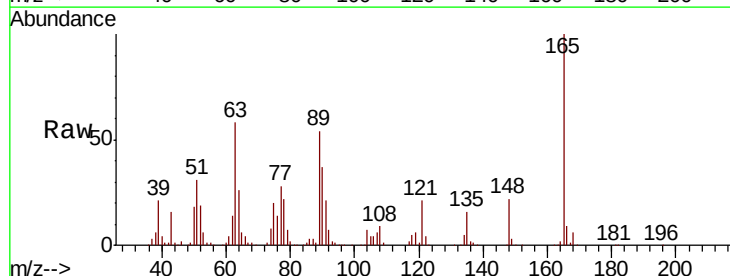


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

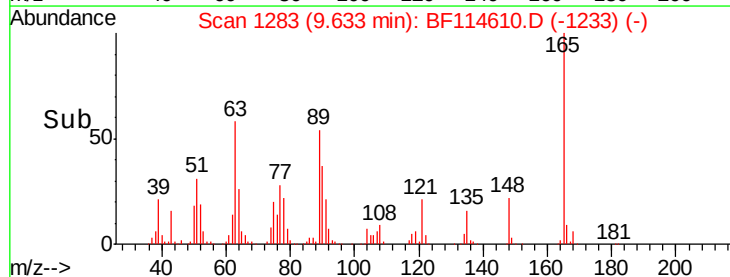
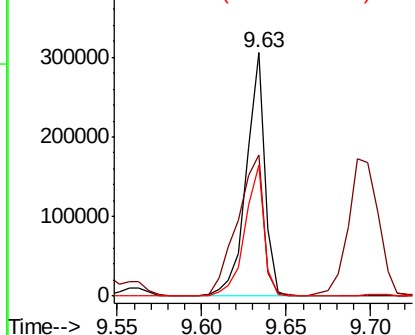


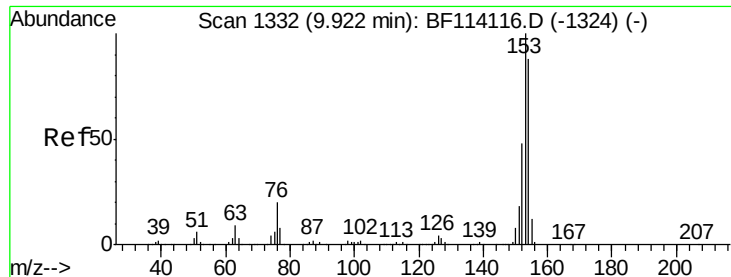
#51
2,6-Dinitrotoluene
Concen: 42.866 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:165 Resp: 236332
Ion Ratio Lower Upper
165 100
63 57.9 50.2 75.4
89 53.8 46.6 69.8



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





#52

Acenaphthene

Concen: 41.514 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

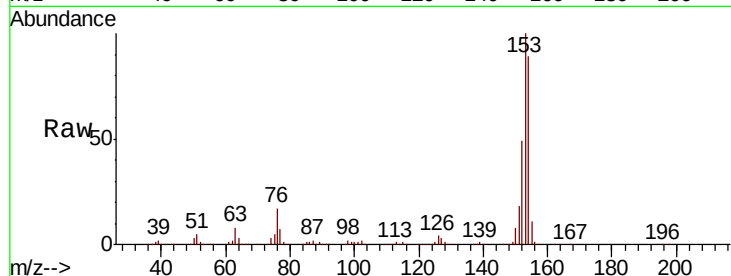
Tot Ion:154 Resp: 852998

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

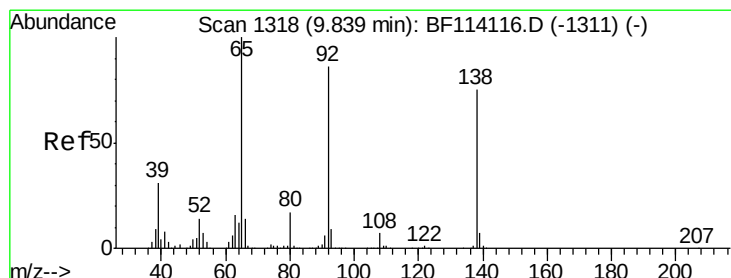
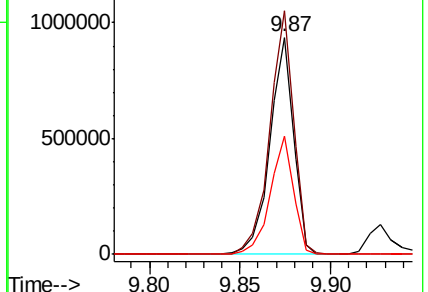
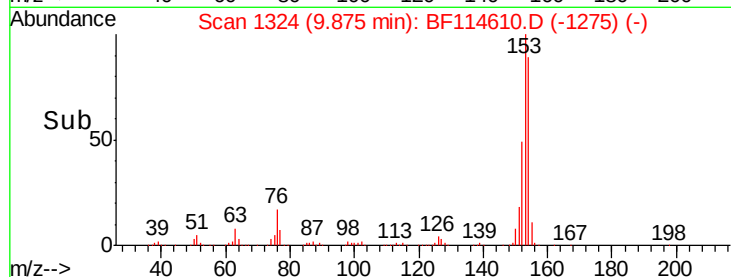
152 54.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 23.815 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

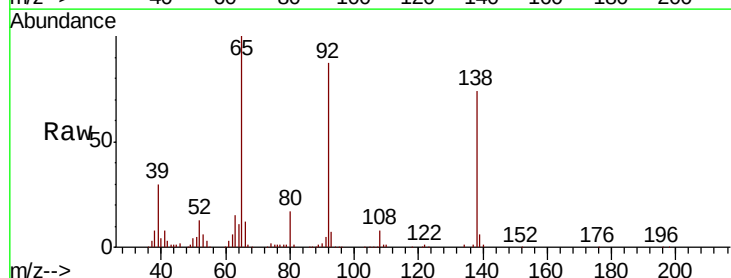
Tgt Ion:138 Resp: 162985

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

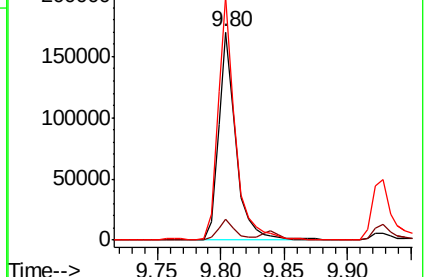
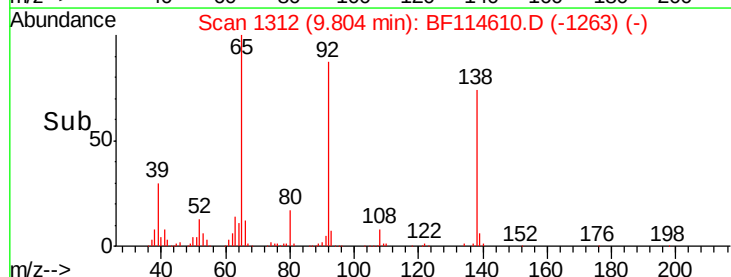
92 117.2 91.2 136.8

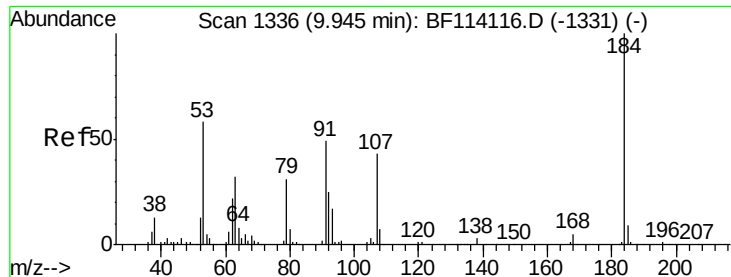


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

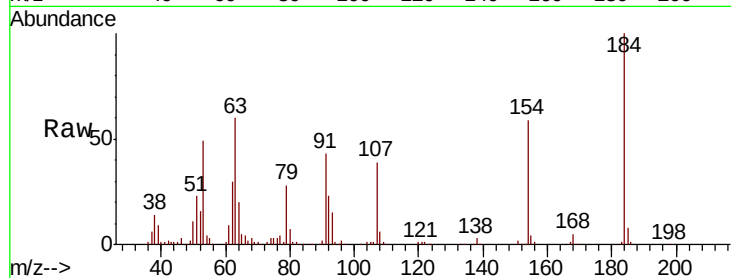




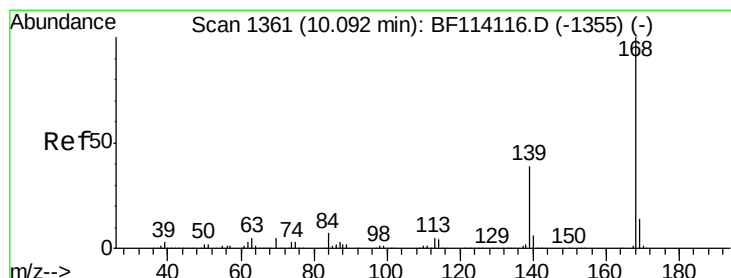
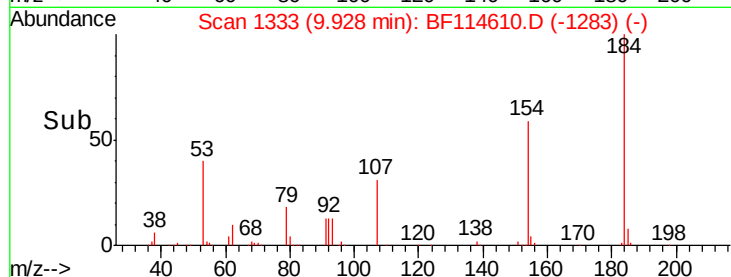
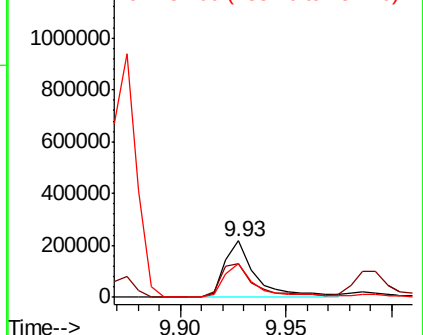
#54
2,4-Dinitrophenol
Concen: 81.778 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:184 Resp: 227166
Ion Ratio Lower Upper
184 100
63 60.4 55.6 83.4
154 58.5 46.0 69.0

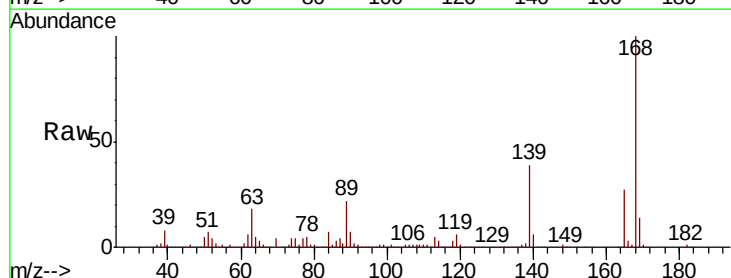


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

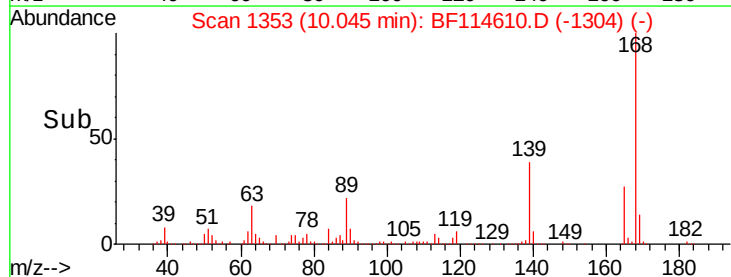
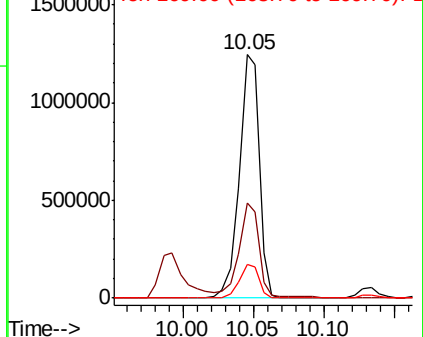


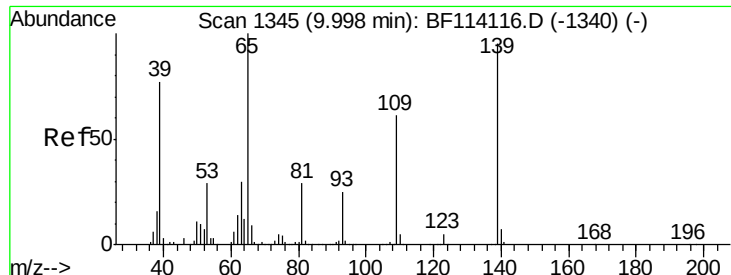
#55
Dibenzofuran
Concen: 40.428 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:168 Resp: 1218061
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 13.7 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

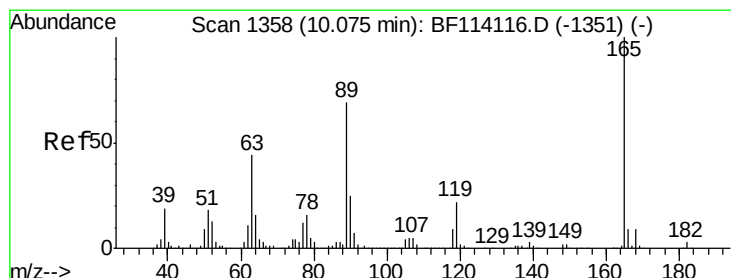
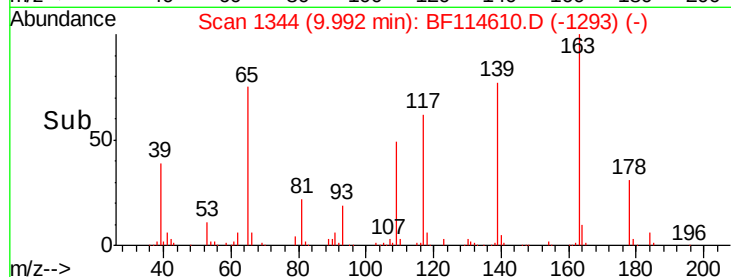
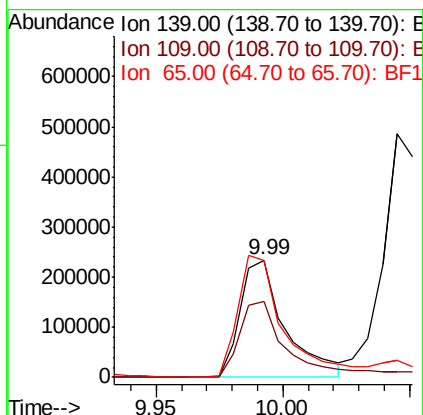
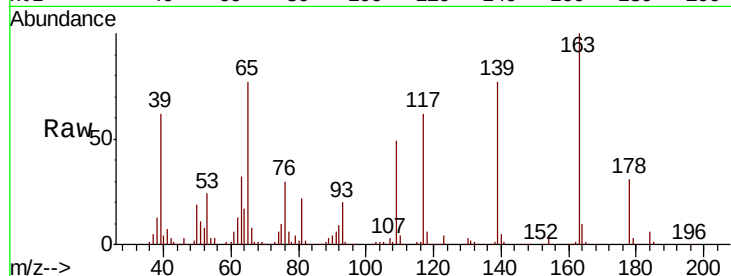




#56
4-Nitrophenol
Concen: 59.825 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

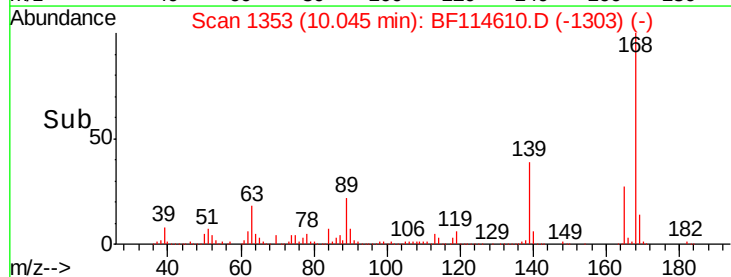
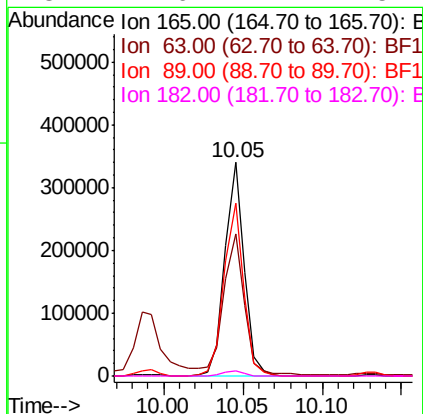
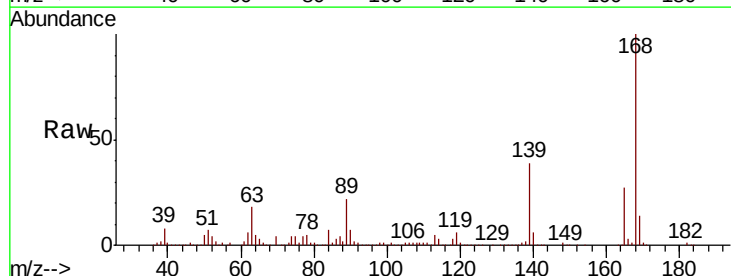
Instrument :
BNA_F
ClientSampleId :
PB119943BS

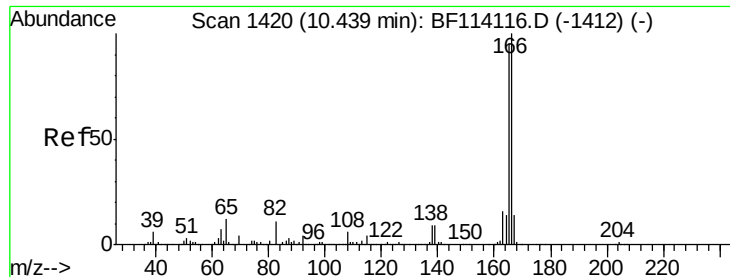
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.3	43.9	83.9
65	100.4	85.7	125.7



#57
2,4-Dinitrotoluene
Concen: 38.396 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.7	35.5	53.3#
89	81.2	55.2	82.8
182	2.6	2.2	3.2

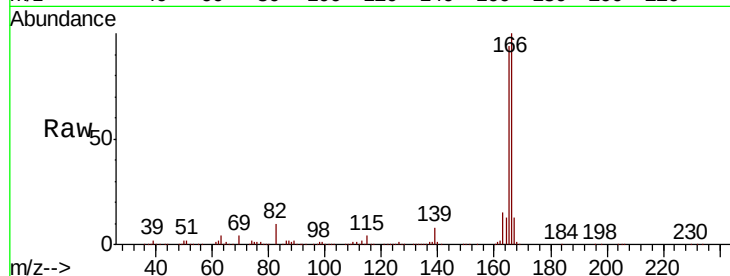




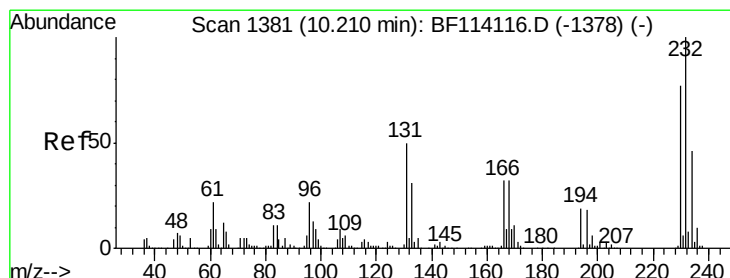
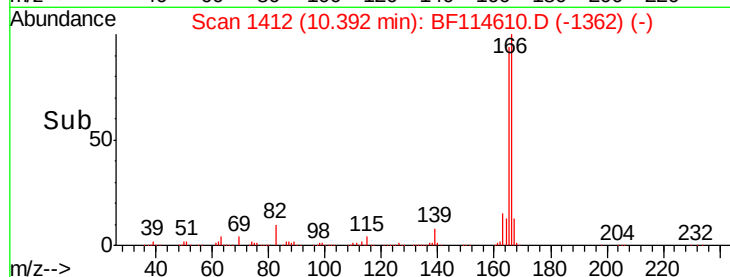
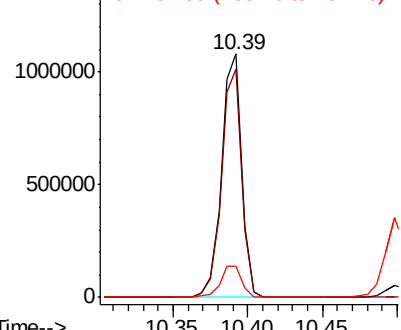
#58
 Fluorene
 Concen: 43.784 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion:166 Resp: 1018948
 Ion Ratio Lower Upper
 166 100
 165 93.5 76.1 114.1
 167 13.0 11.1 16.7

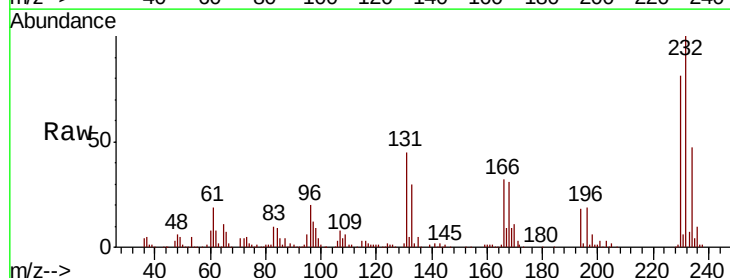


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

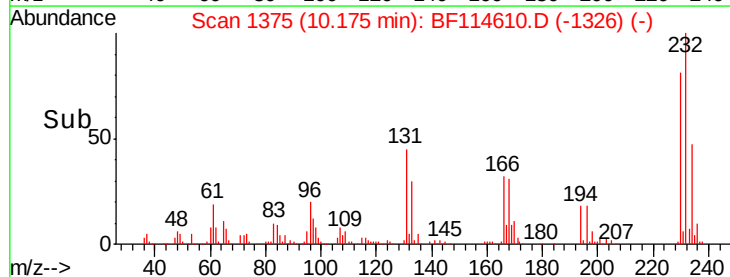
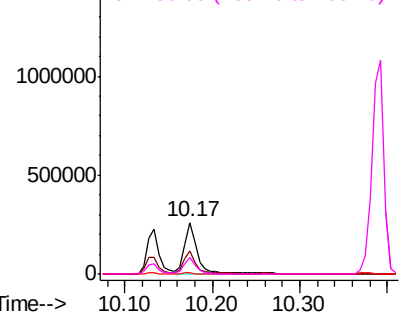


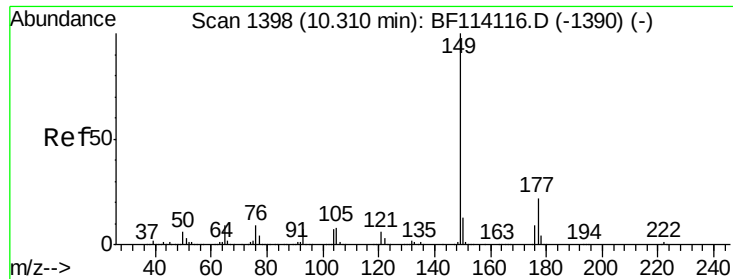
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.724 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion:232 Resp: 266726
 Ion Ratio Lower Upper
 232 100
 131 41.8 35.6 53.4
 130 2.2 1.6 2.4
 166 29.3 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

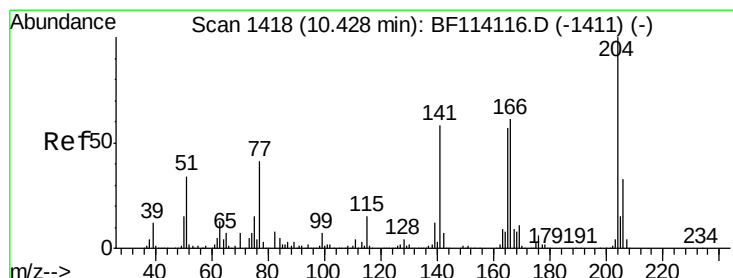
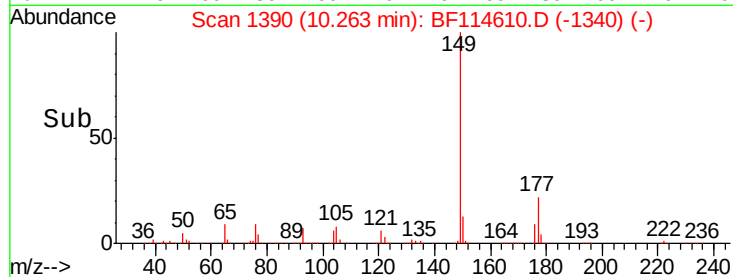
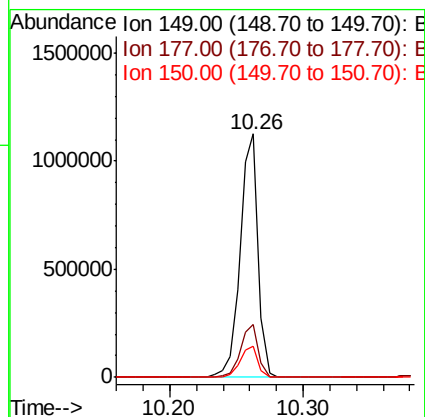
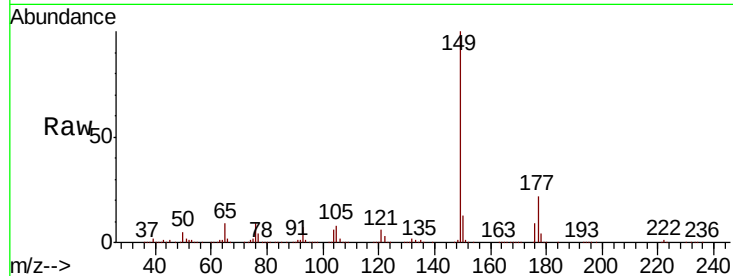




#60
Diethylphthalate
Concen: 41.541 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

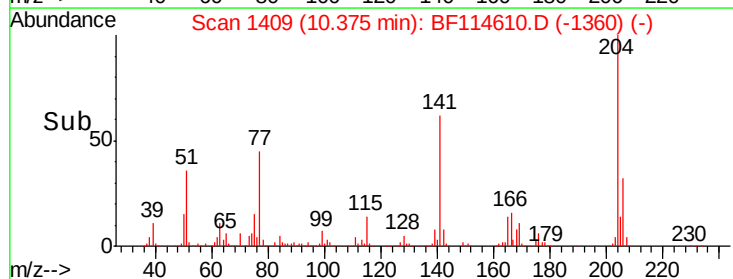
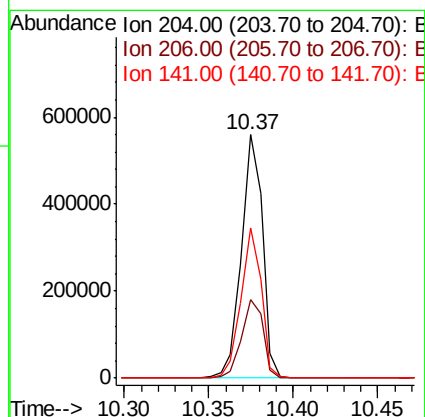
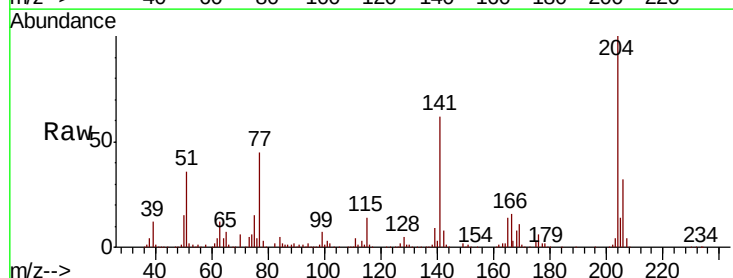
Instrument :
BNA_F
ClientSampleId :
PB119943BS

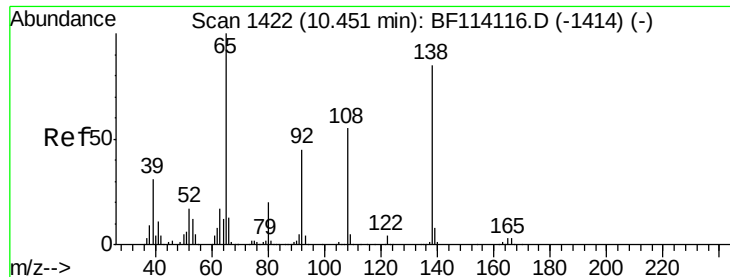
Tot Ion:149 Resp: 1049173
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.7 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 42.636 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:204 Resp: 487340
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 61.7 46.4 69.6





#62

4-Nitroaniline

Concen: 33.302 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

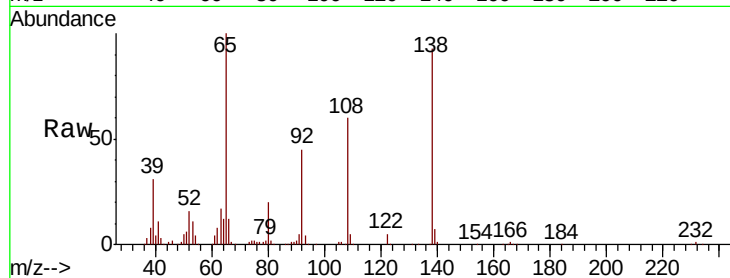
Tot Ion:138 Resp: 239496

Ion Ratio Lower Upper

138 100

92 49.1 33.0 73.0

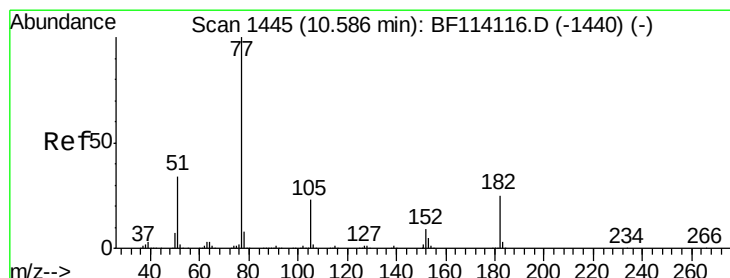
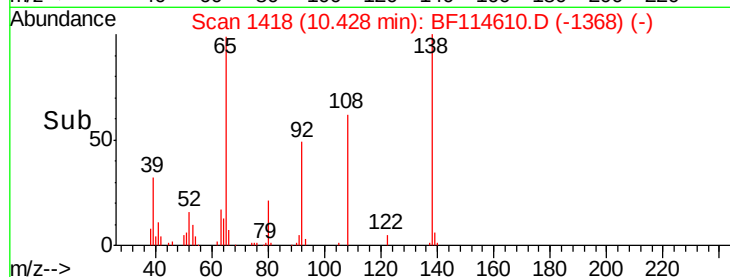
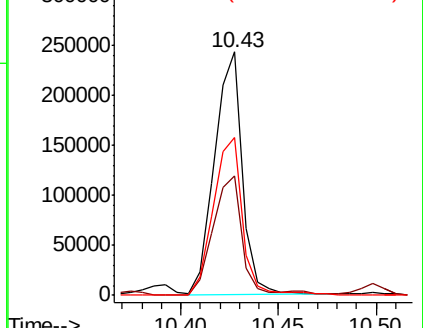
108 64.6 44.9 84.9



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: 41.098 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Tgt Ion: 77 Resp: 1004728

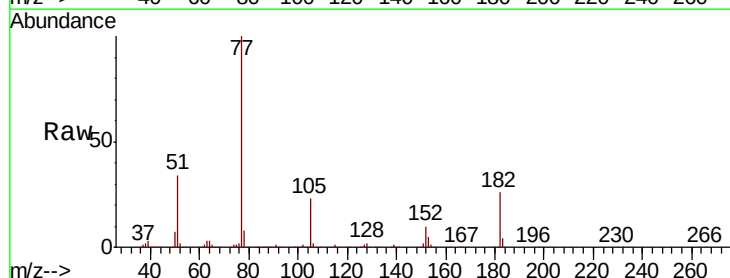
Ion Ratio Lower Upper

77 100

182 26.1 4.7 44.7

105 23.2 2.9 42.9

51 34.3 14.6 54.6

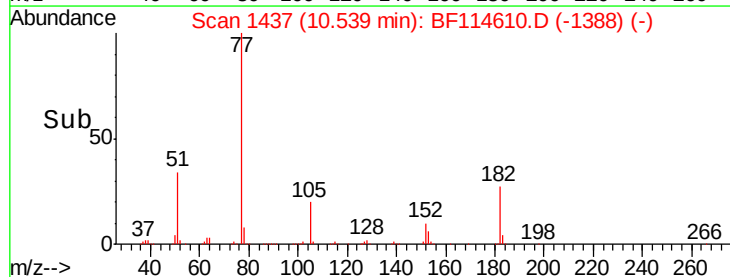
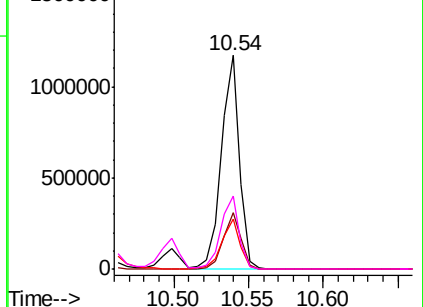


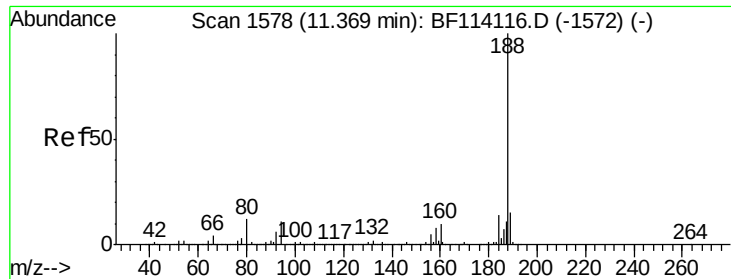
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

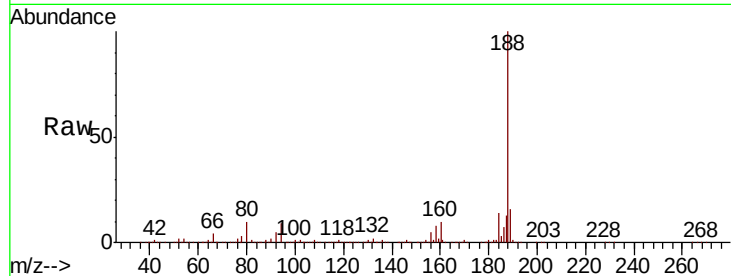
Tot Ion:188 Resp: 663028

Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

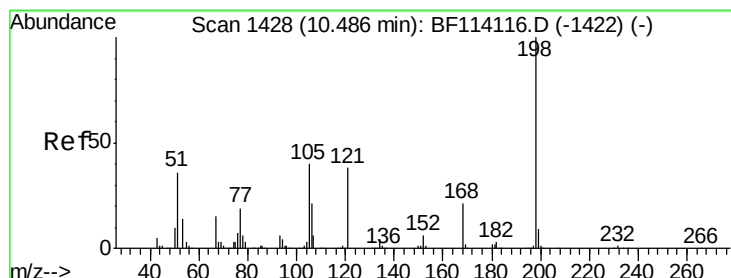
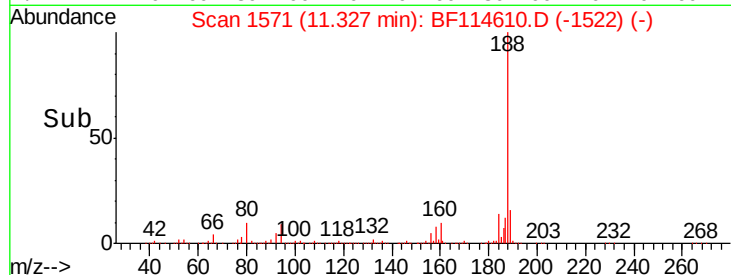
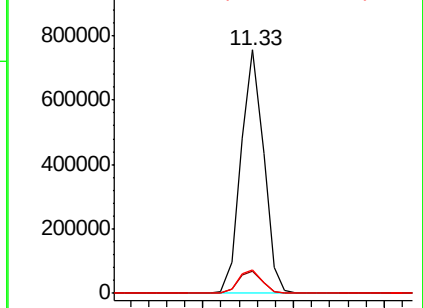
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 47.267 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

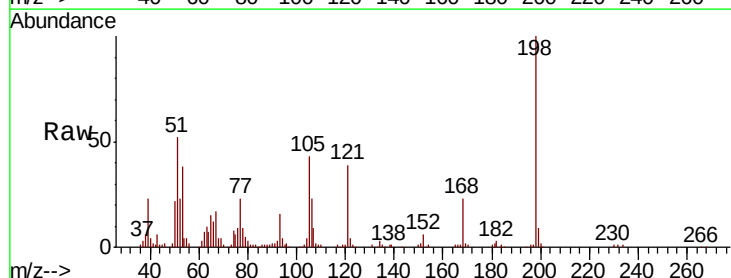
Tgt Ion:198 Resp: 150588

Ion Ratio Lower Upper

198 100

51 51.7 28.0 68.0

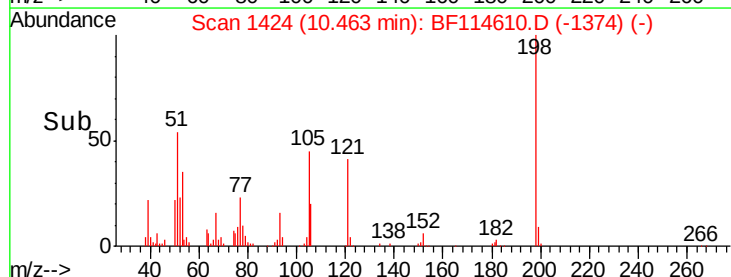
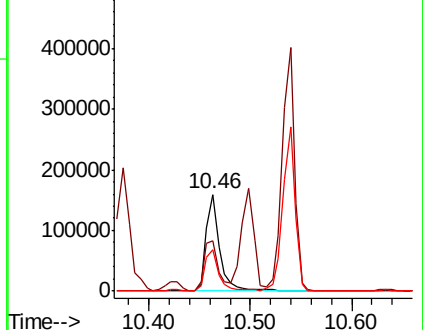
105 43.3 21.1 61.1

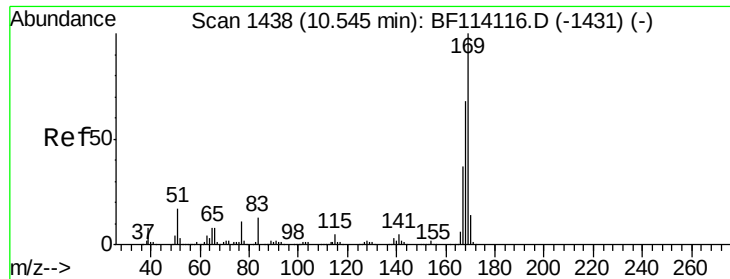


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

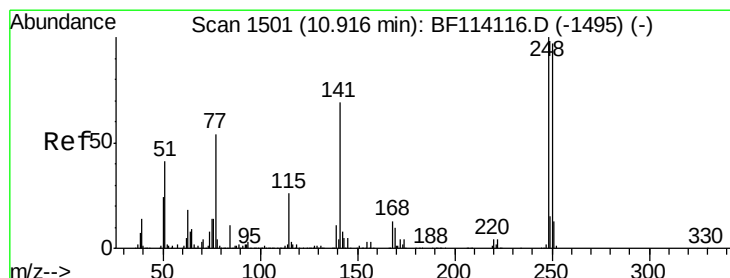
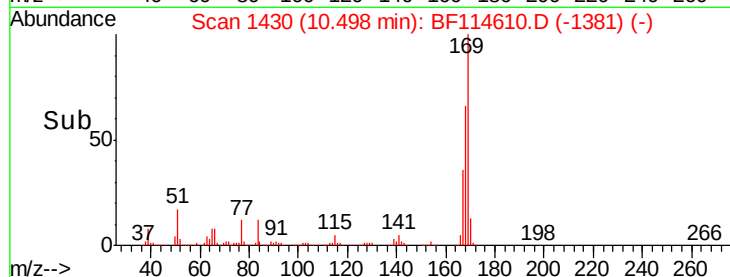
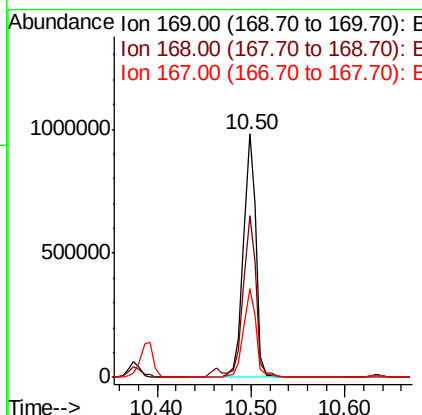
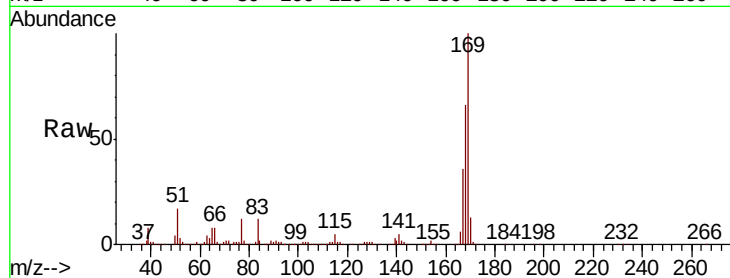




#66
 n-Nitrosodiphenylamine
 Concen: 44.811 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

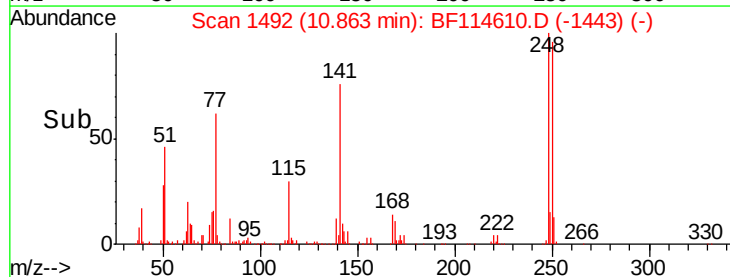
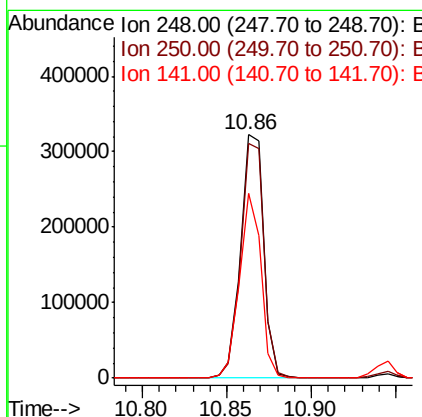
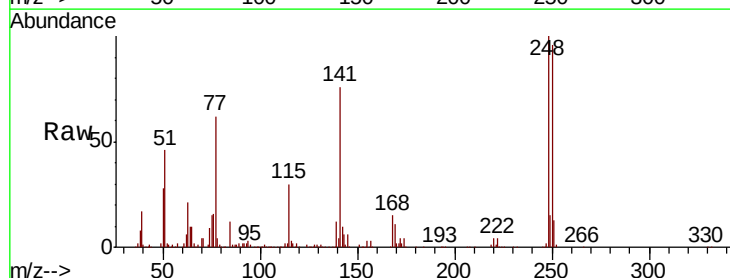
Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

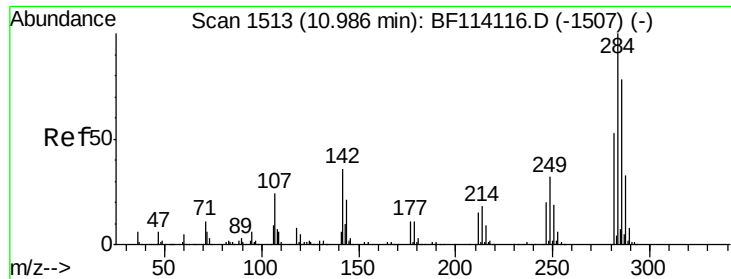
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.2	81.2
167	36.3	29.8	44.8



#67
 4-Bromophenyl-phenylether
 Concen: 42.291 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.2
141	75.8	55.6	83.4

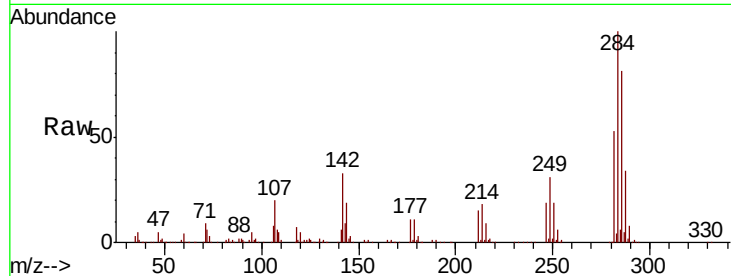




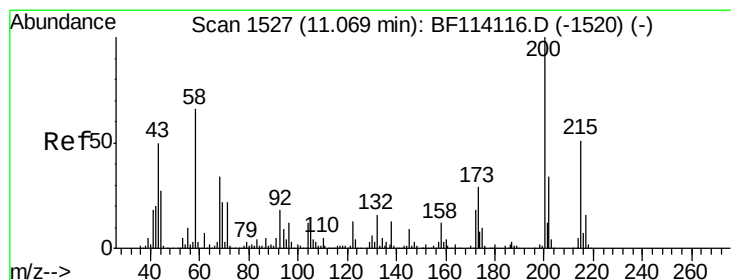
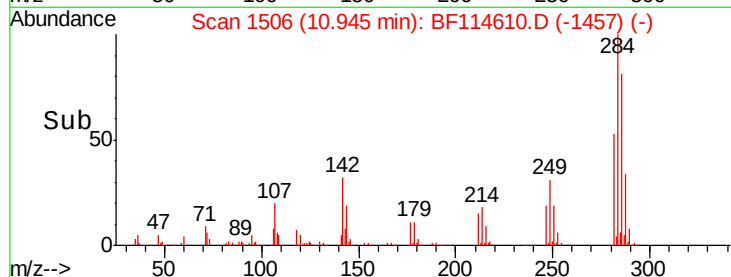
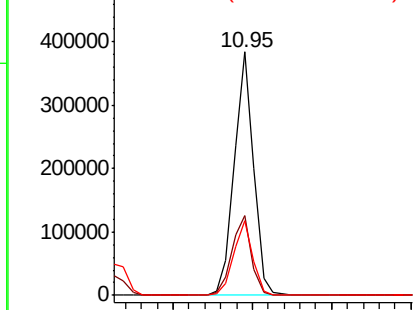
#68
Hexachlorobenzene
Concen: 40.274 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.4	42.6
249	30.8	25.2	37.8

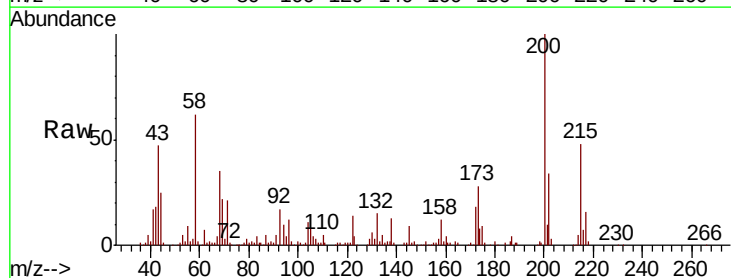


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

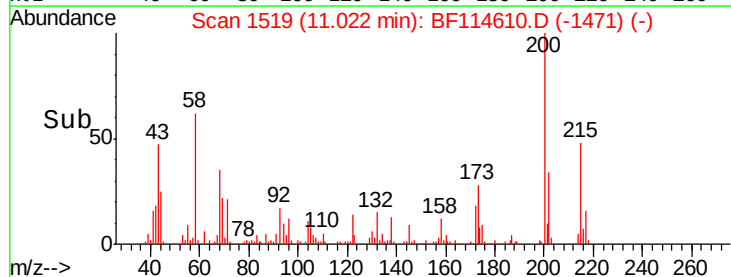
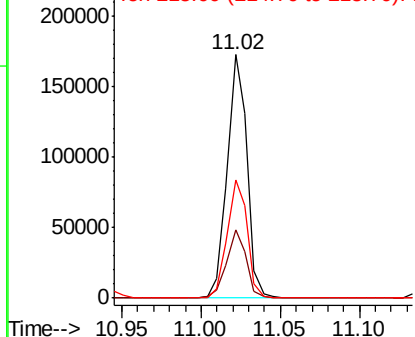


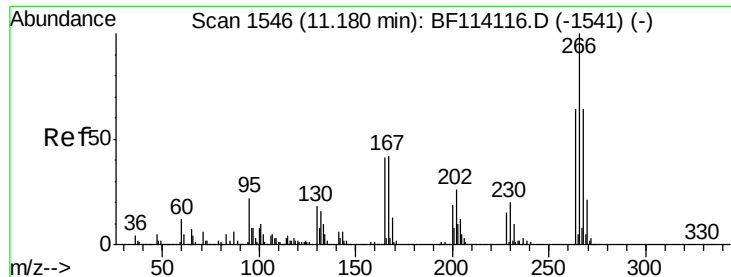
#69
Atrazine
Concen: 23.868 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.9	48.9
215	48.3	30.7	70.7



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



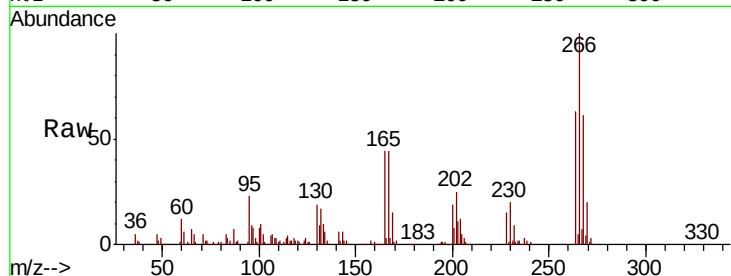


#70
Pentachlorophenol
Concen: 63.834 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

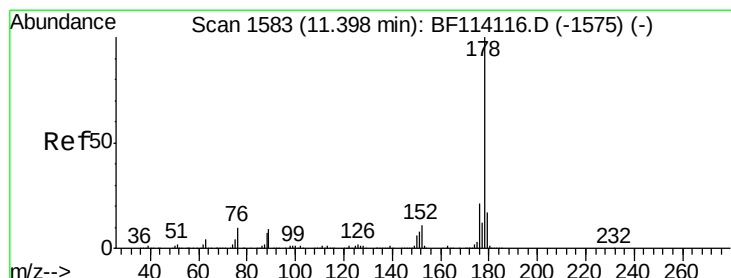
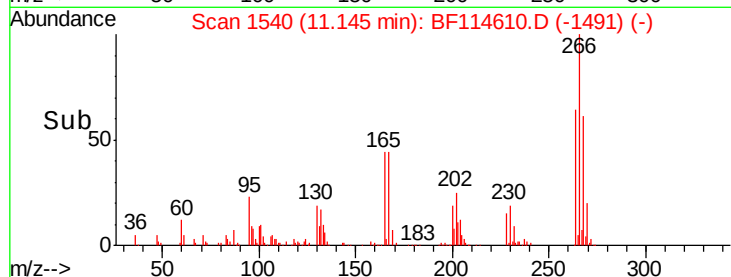
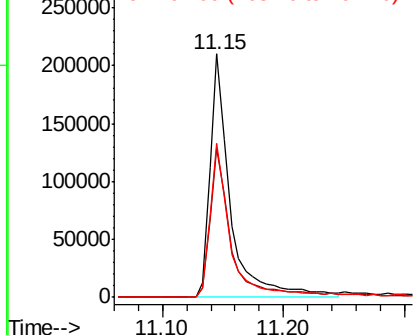
Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:266 Resp: 244380

Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	63.5	51.1	76.7



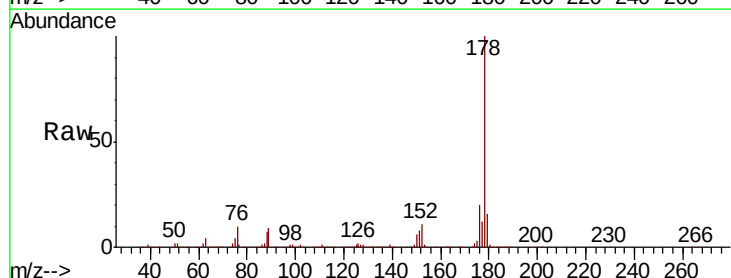
Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



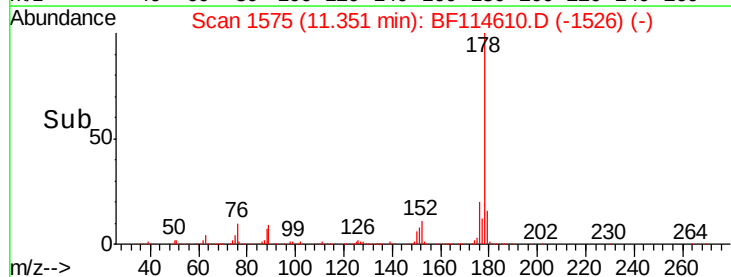
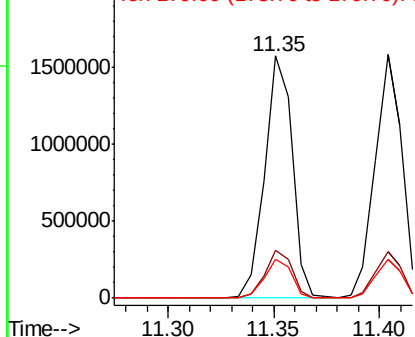
#71
Phenanthrene
Concen: 44.359 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

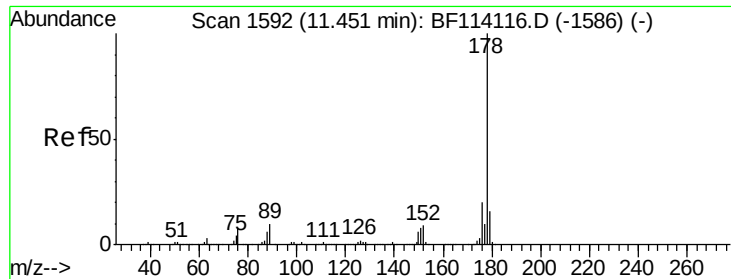
Tgt Ion:178 Resp: 1430898

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	15.8	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 44.349 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

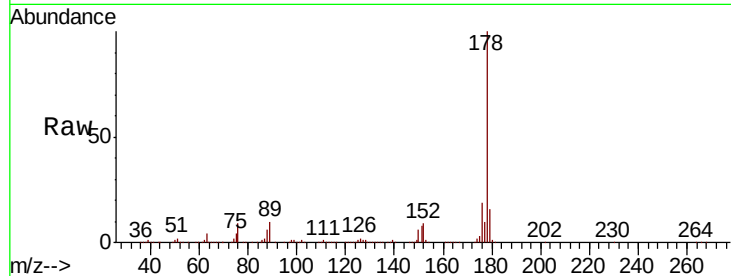
Tot Ion:178 Resp: 1436872

Ion Ratio Lower Upper

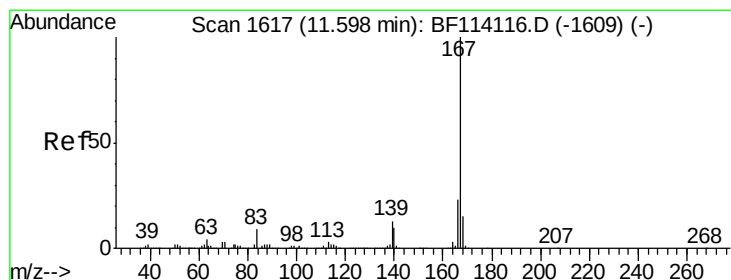
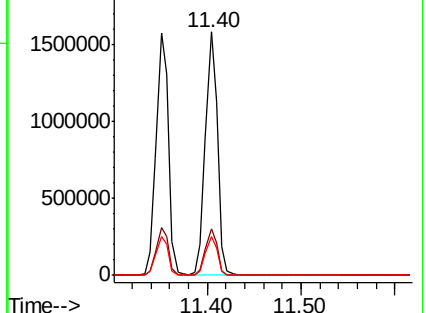
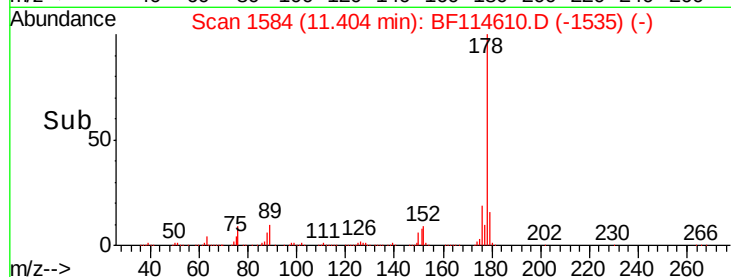
178 100

176 19.2 15.8 23.8

179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 44.452 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

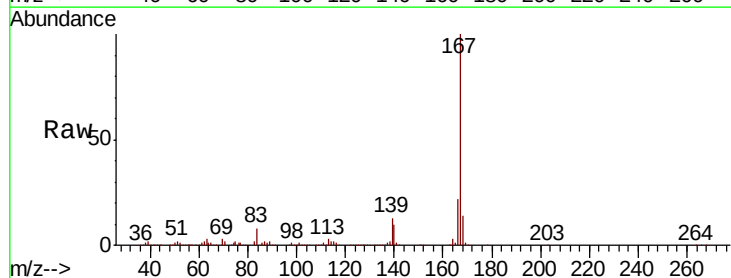
Tgt Ion:167 Resp: 1373382

Ion Ratio Lower Upper

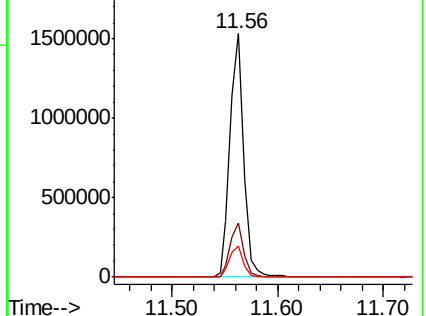
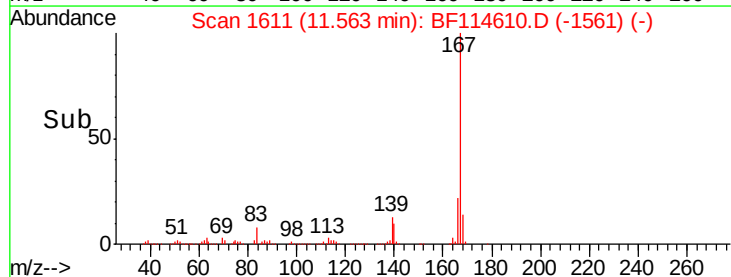
167 100

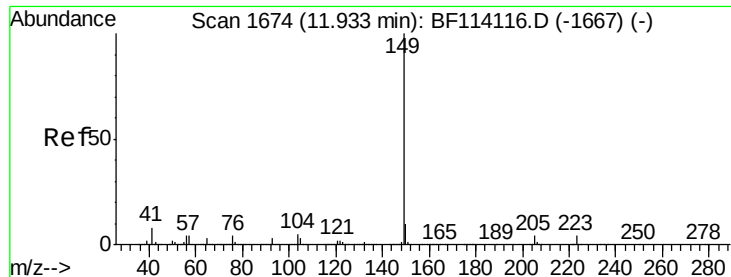
166 22.1 18.2 27.2

139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 44.835 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

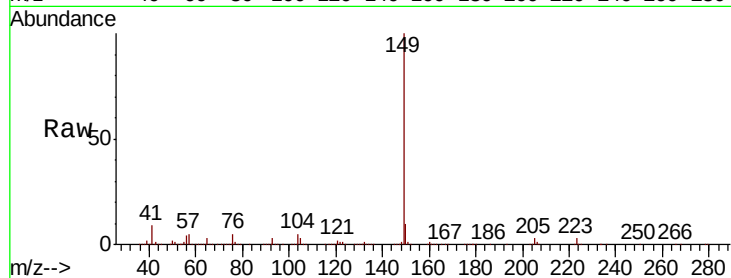
Tot Ion:149 Resp: 1595879

Ion Ratio Lower Upper

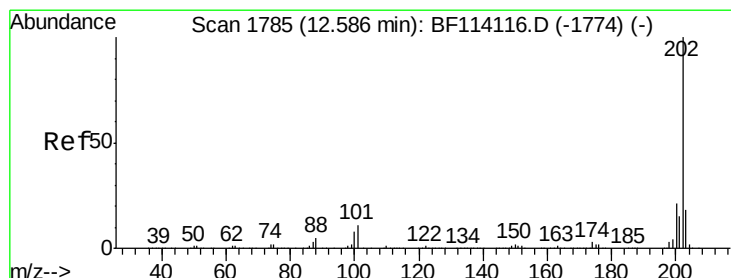
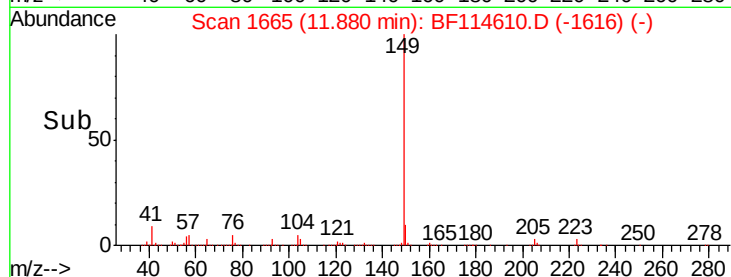
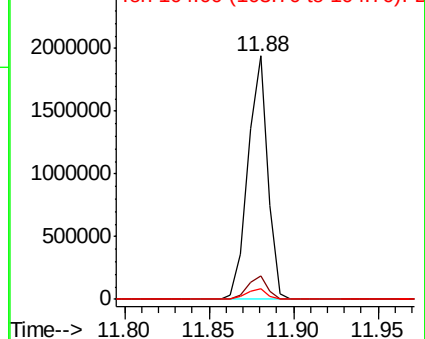
149 100

150 9.6 7.7 11.5

104 4.6 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 43.707 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

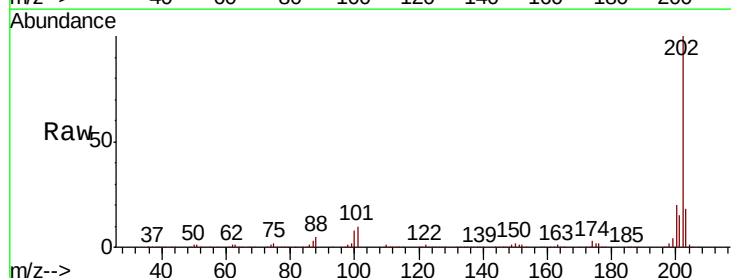
Tgt Ion:202 Resp: 1518240

Ion Ratio Lower Upper

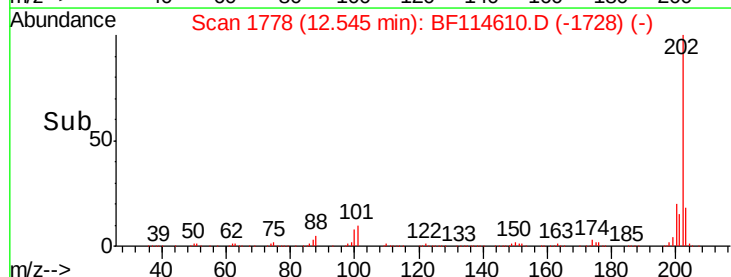
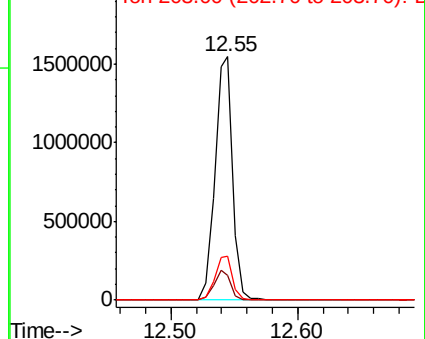
202 100

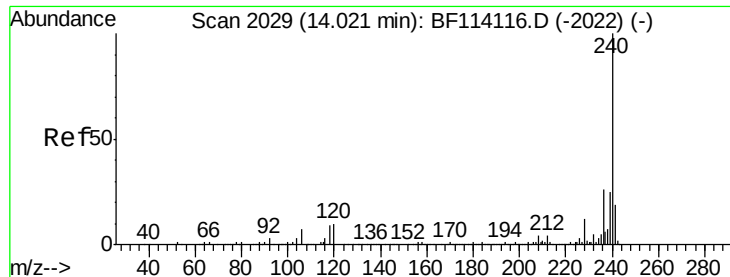
101 10.3 0.0 31.0

203 18.1 0.0 38.4



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

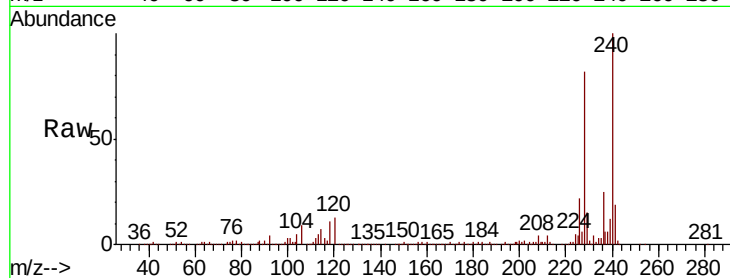
Tot Ion:240 Resp: 518353

Ion Ratio Lower Upper

240 100

120 13.4 8.3 12.5#

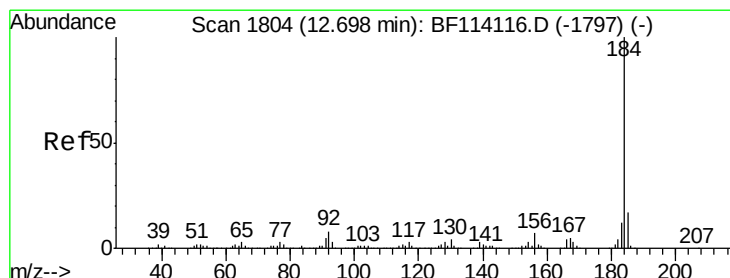
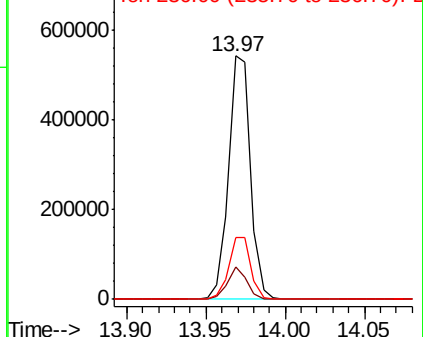
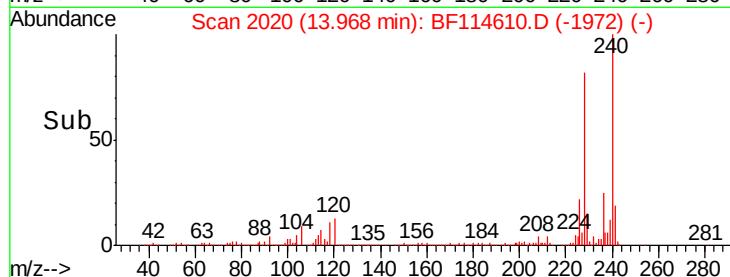
236 25.5 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 5.792 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

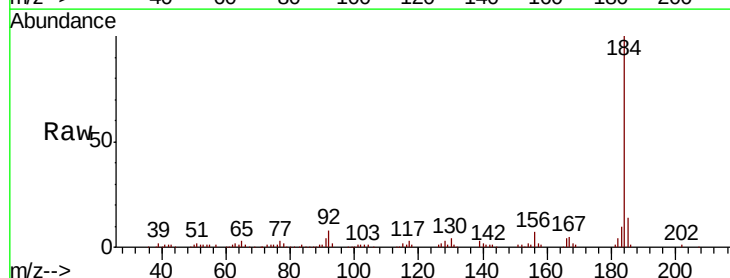
Tgt Ion:184 Resp: 134777

Ion Ratio Lower Upper

184 100

185 14.0 13.6 20.4

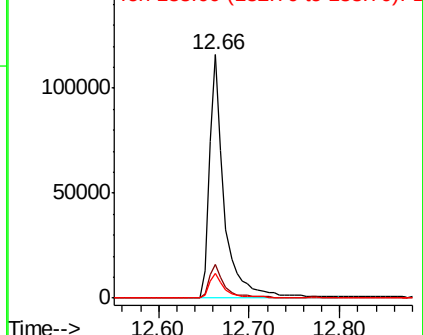
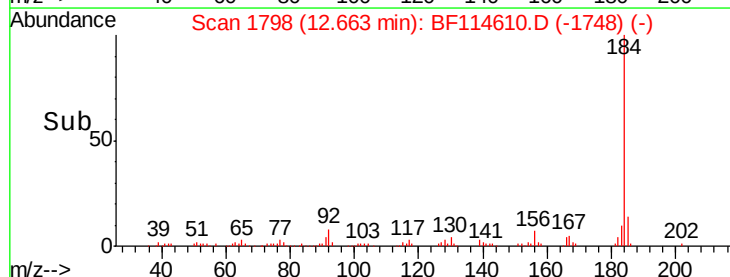
183 10.3 9.2 13.8

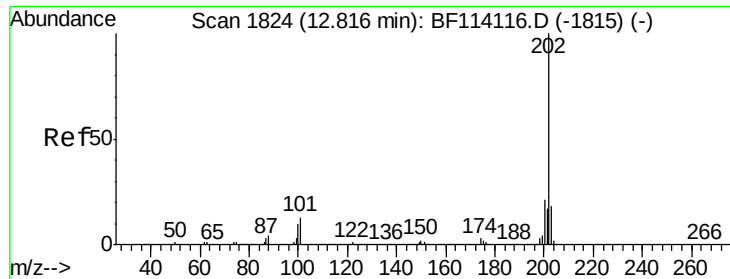


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

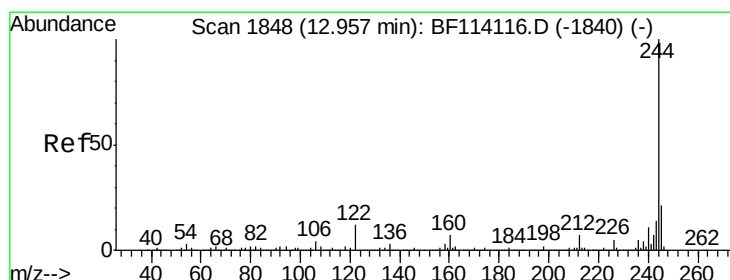
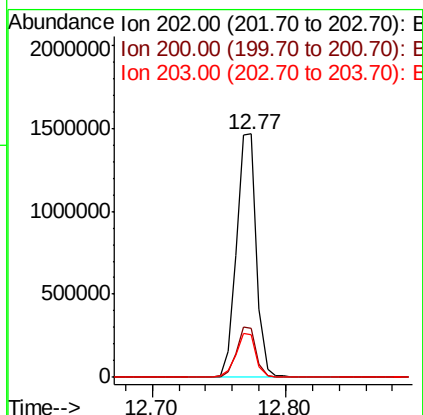
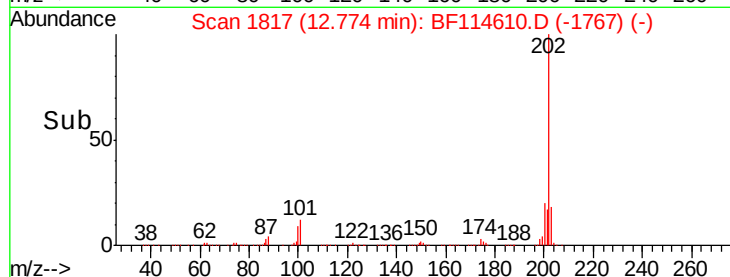
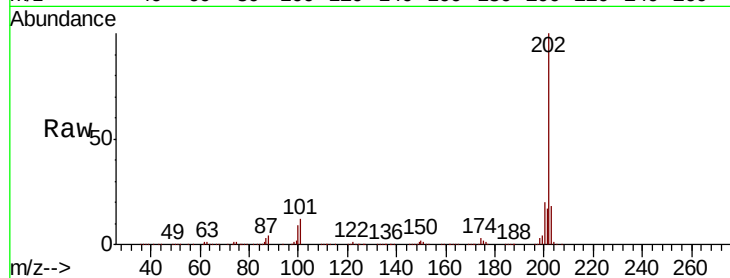




#78
Pvrene
Concen: 36.602 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

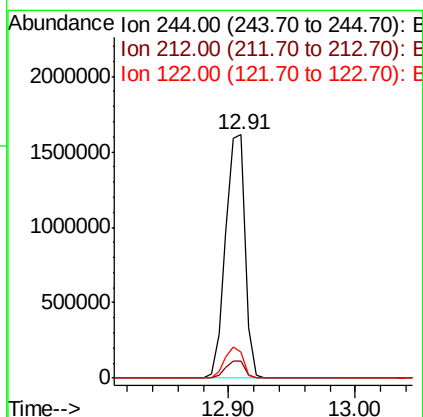
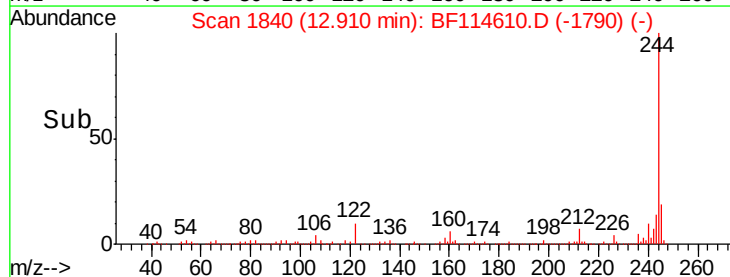
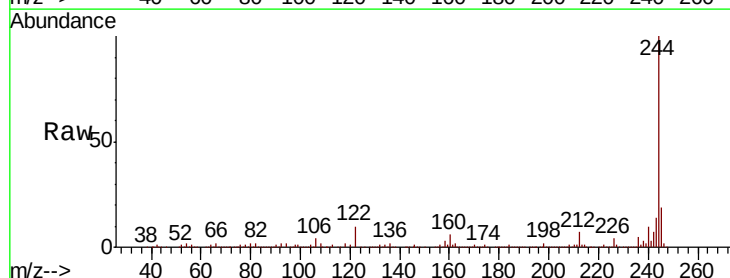
Instrument :
BNA_F
ClientSampleId :
PB119943BS

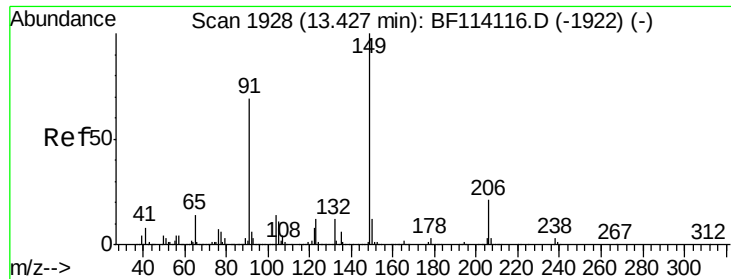
Tot Ion:202 Resp: 1526258
Ion Ratio Lower Upper
202 100
200 20.1 16.9 25.3
203 17.5 14.5 21.7



#79
Terphenyl-d14
Concen: 68.197 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:244 Resp: 1714825
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.5 9.4 14.2

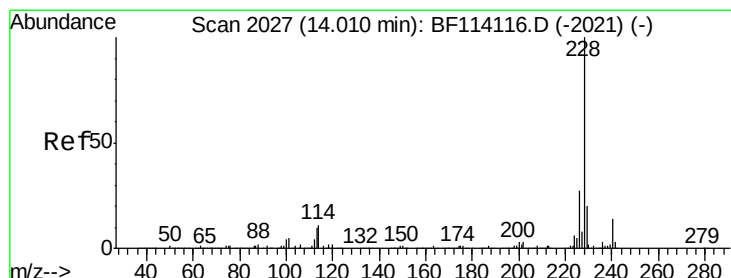
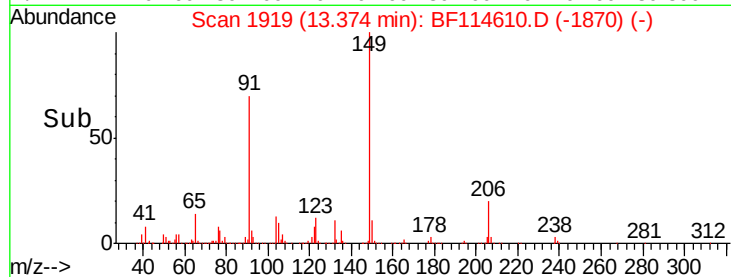
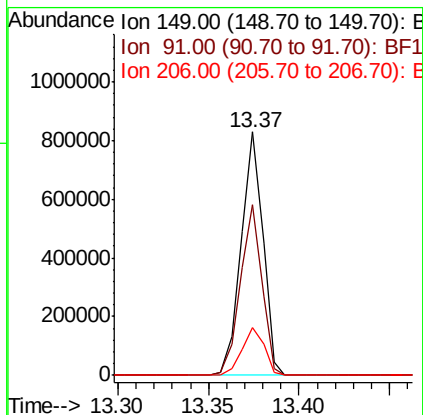
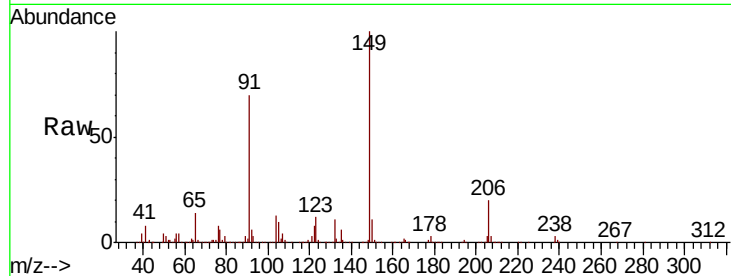




#80
Butylbenzylphthalate
Concen: 39.508 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

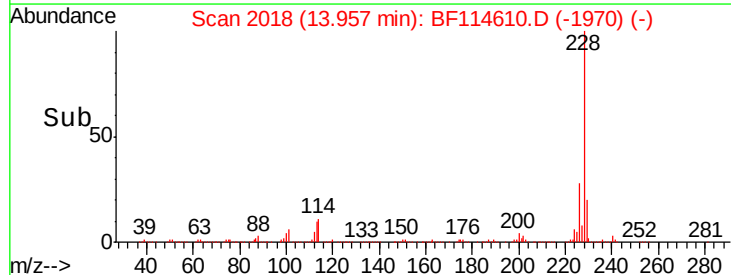
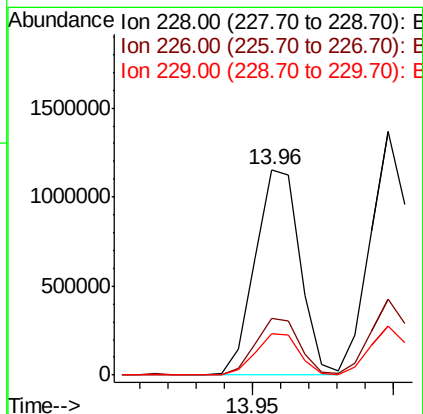
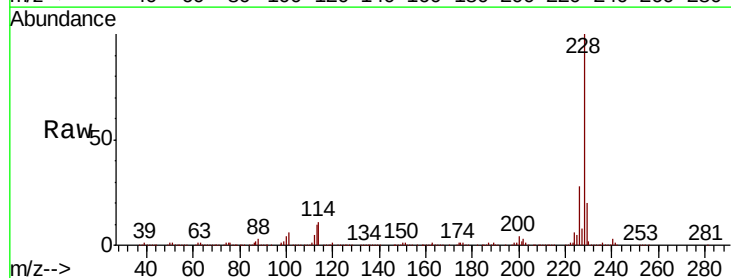
Instrument :
BNA_F
ClientSampleId :
PB119943BS

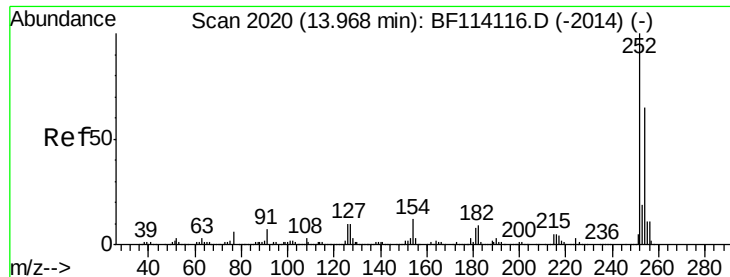
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	55.0	82.4
206	19.7	16.9	25.3



#81
Benzo(a)anthracene
Concen: 38.012 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	20.3	16.4	24.6

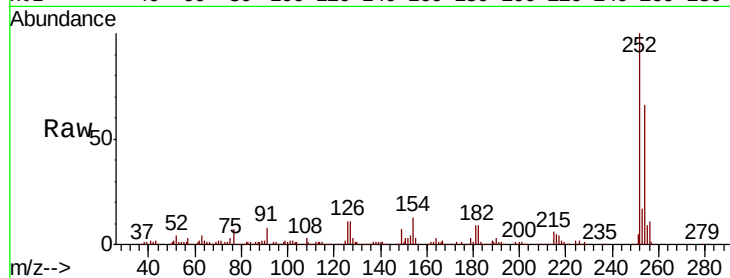




#82
 3,3'-Dichlorobenzidine
 Concen: 29.184 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.9	77.9
126	10.7	7.9	11.9

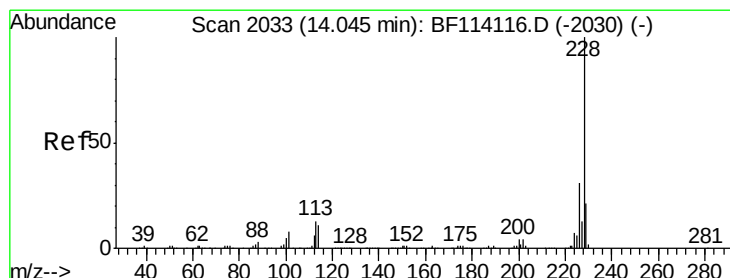
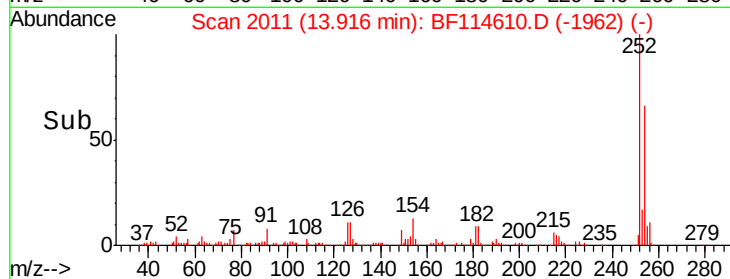
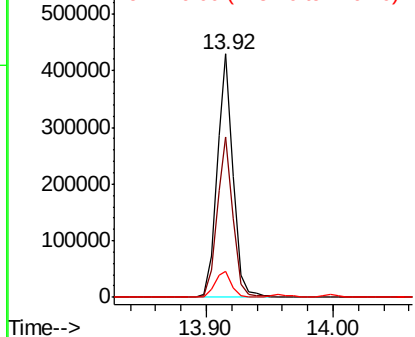


Abundance

Ion 252.00 (251.70 to 252.70): E

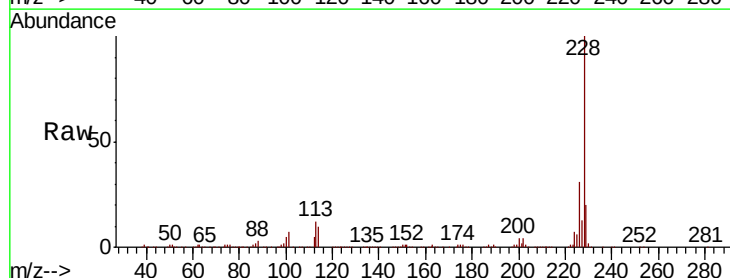
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 38.065 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.2	17.0	25.6

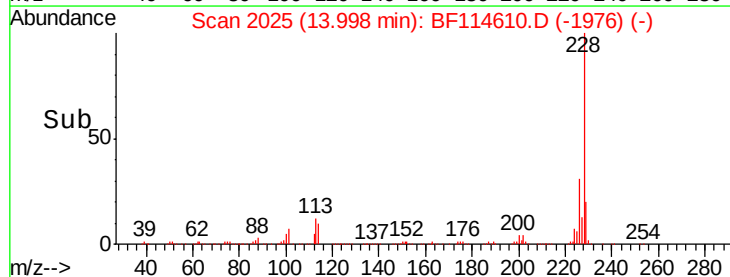
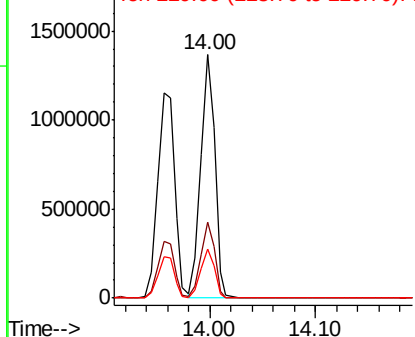


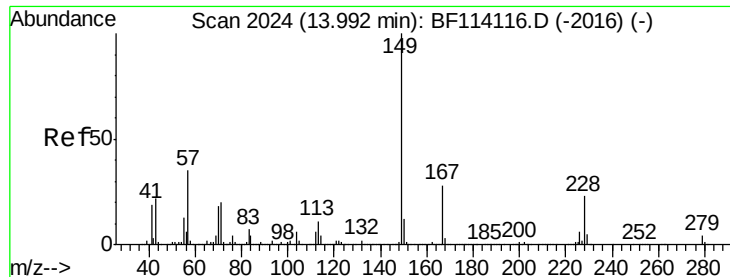
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.588 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

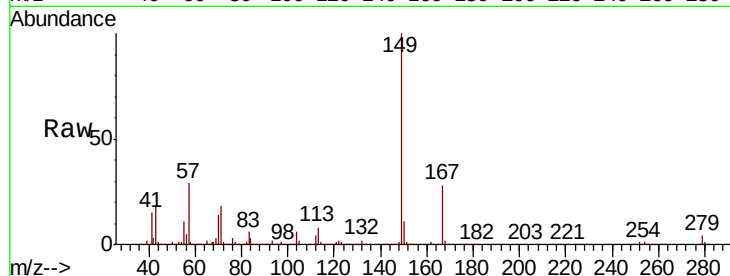
Tot Ion:149 Resp: 931691

Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

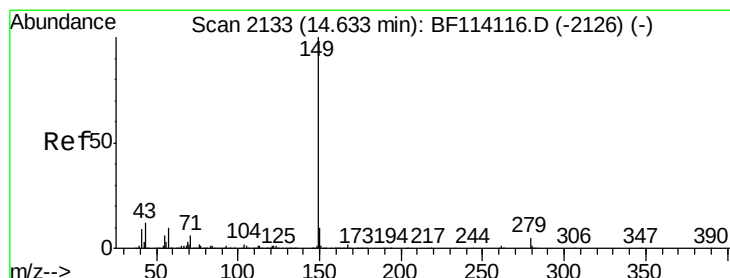
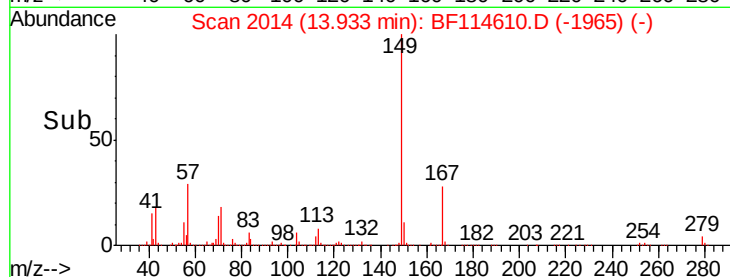
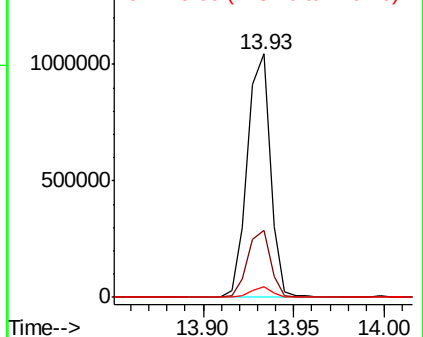
279 4.2 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 41.333 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

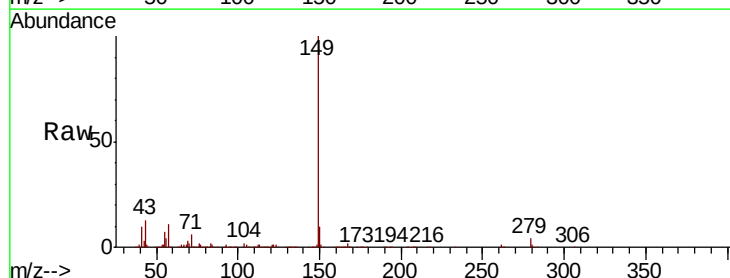
Tgt Ion:149 Resp: 1538077

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

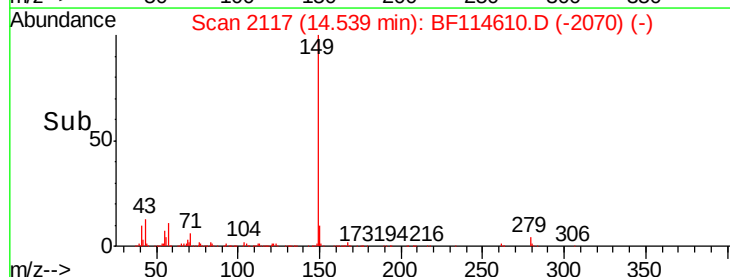
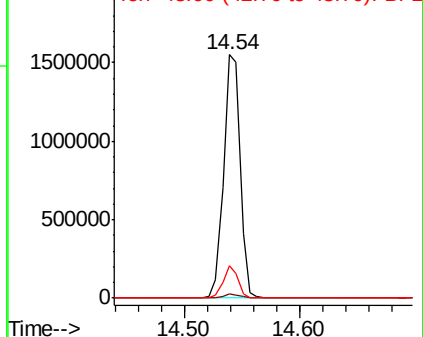
43 12.0 10.1 15.1

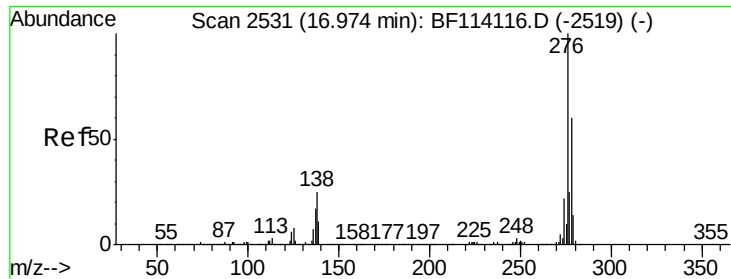


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

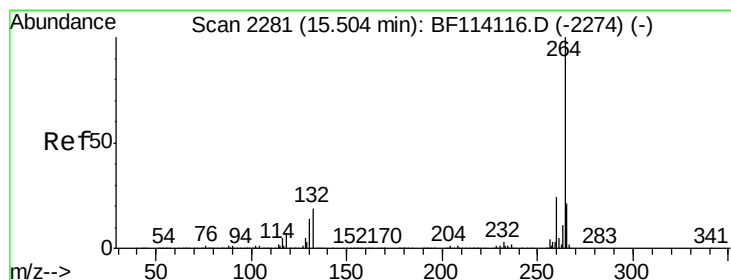
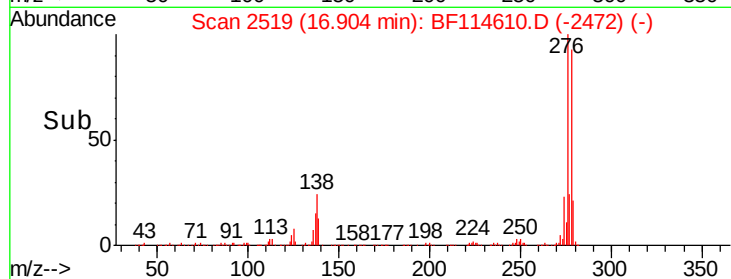
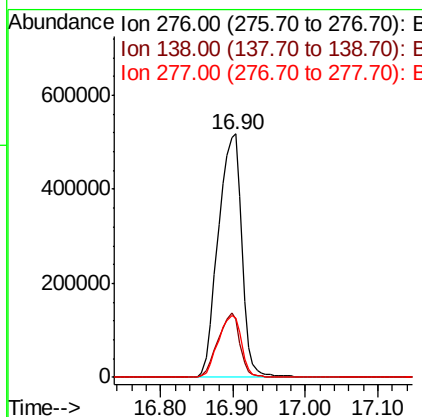
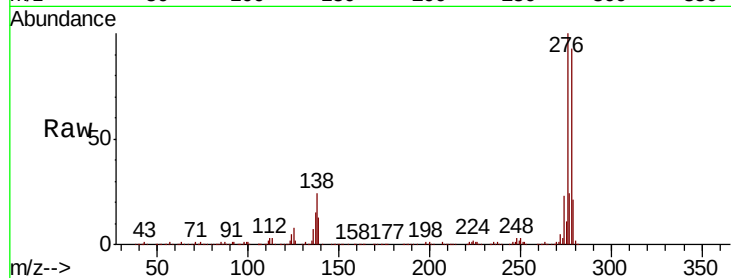




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.424 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

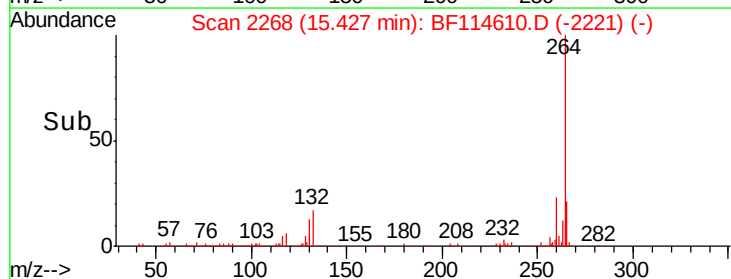
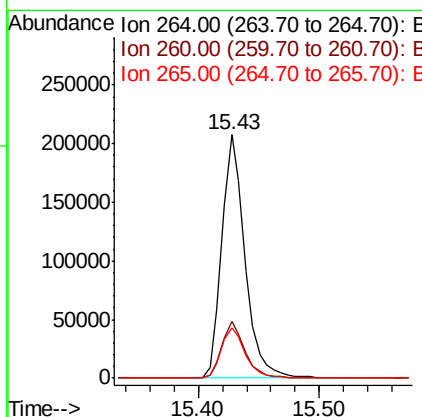
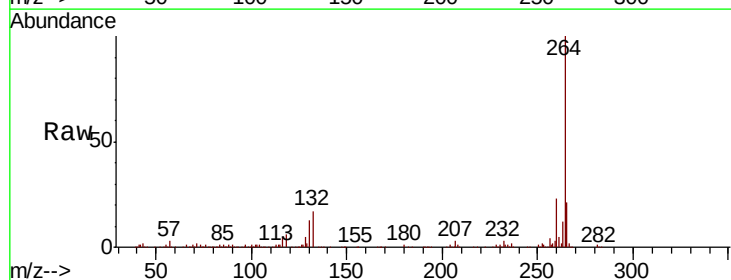
Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

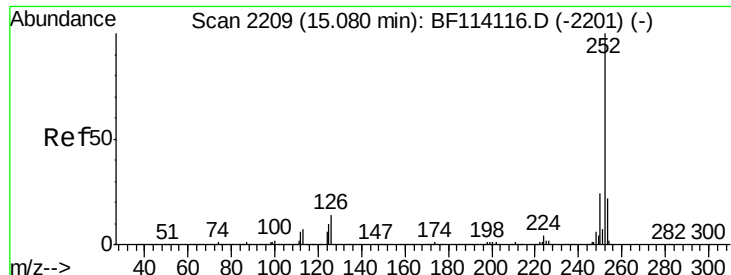
Tot Ion:276 Resp: 1174155
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.2 30.2
 277 25.0 20.0 30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion:264 Resp: 275384
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 20.7 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 75.106 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

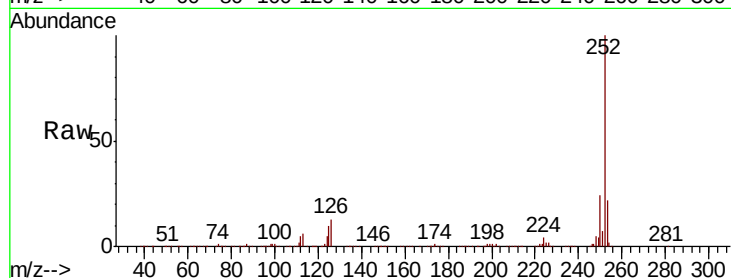
Tot Ion:252 Resp: 1325079

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

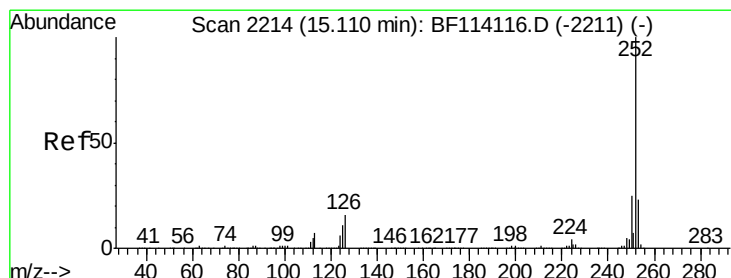
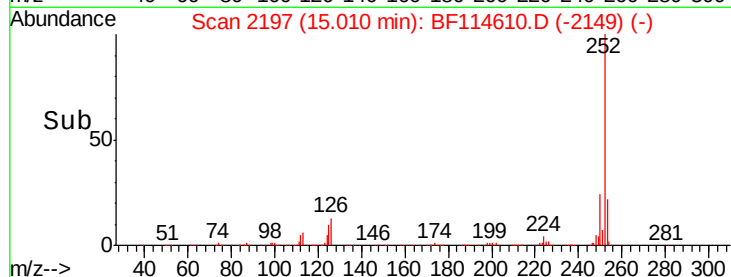
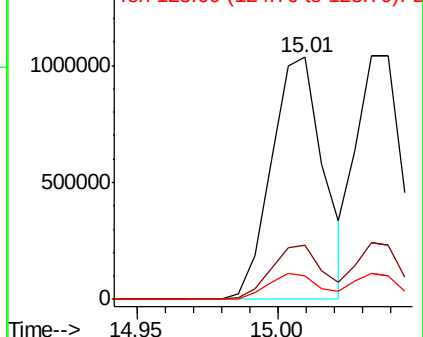
125 9.7 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 72.867 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

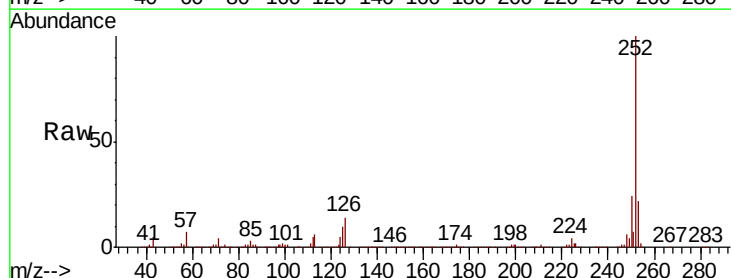
Tgt Ion:252 Resp: 1180932

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

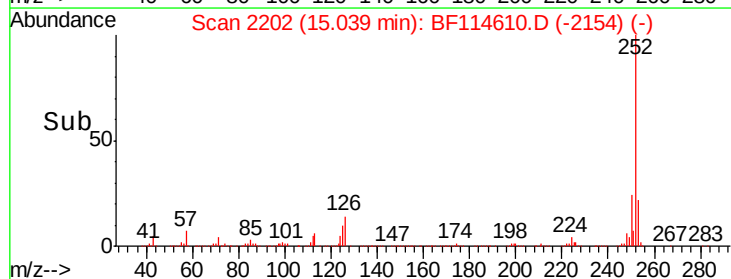
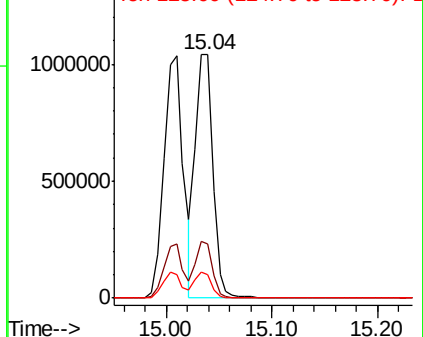
125 9.6 8.6 13.0

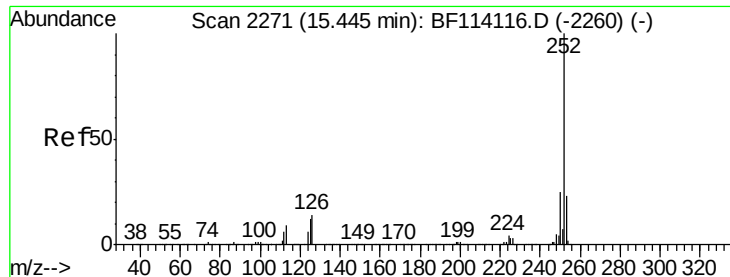


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 76.315 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

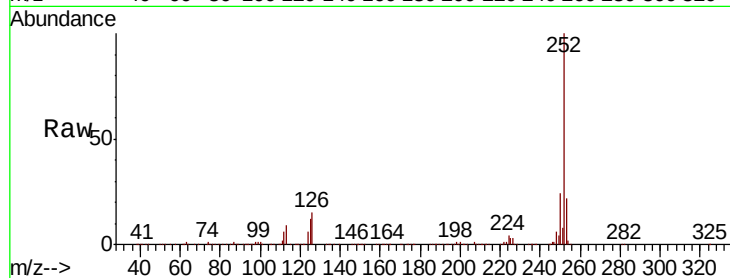
Tot Ion:252 Resp: 1184944

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

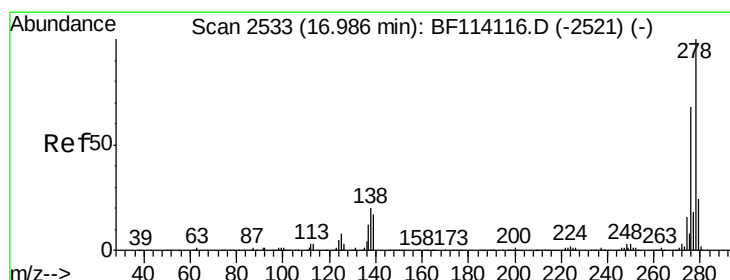
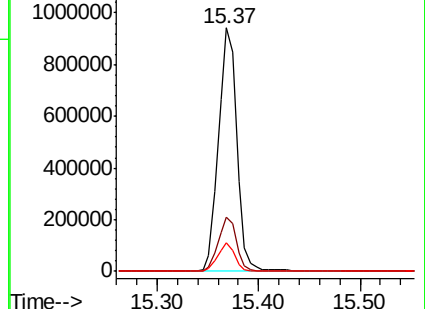
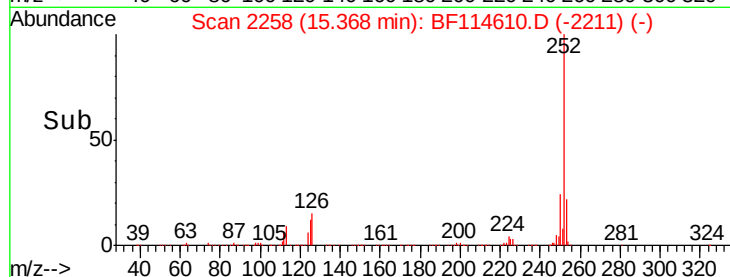
125 11.7 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 77.986 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

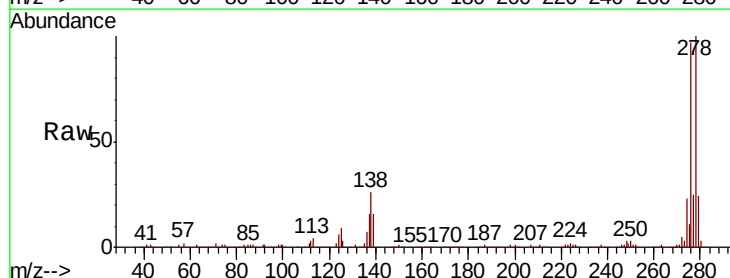
Tgt Ion:278 Resp: 1006197

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

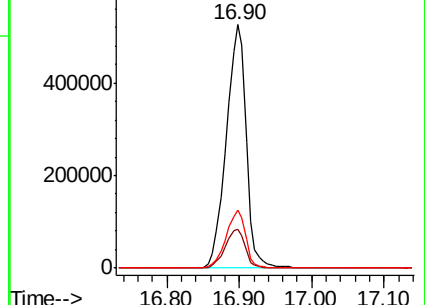
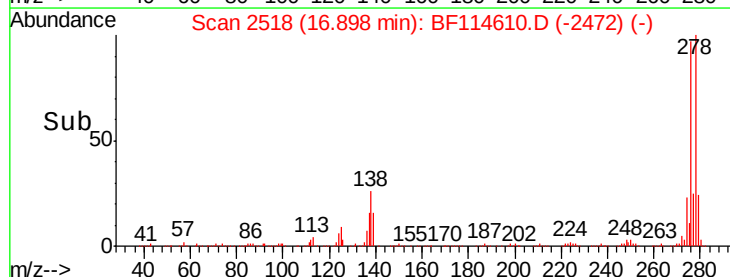
279 23.8 19.0 28.6

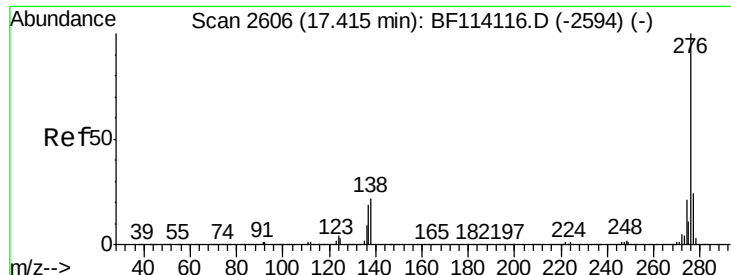


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 79.113 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

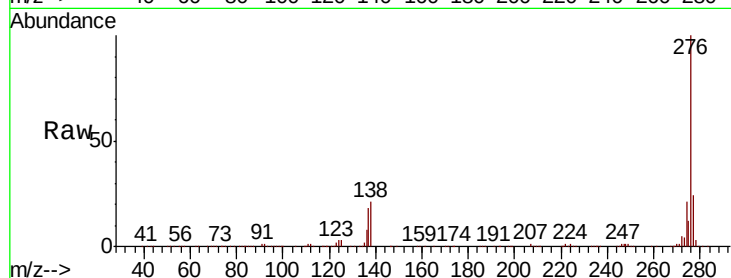
Tot Ion:276 Resp: 1022929

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.7 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

