

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114121.D
 Acq On : 10 May 2019 15:20
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 10 15:43:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 14:30:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	286878	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1135859	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	525167	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1090613	20.00	ng	0.00
76) Chrysene-d12	14.02	240	796948	20.00	ng	0.00
87) Perylene-d12	15.51	264	765161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1714936	95.99	ng	0.00
7) Phenol-d6	6.49	99	2040264	95.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	1961591	97.27	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	555057	108.03	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3216181	96.15	ng	0.00
79) Terphenyl-d14	12.96	244	3367519	86.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	483802	49.204	ng	99
3) Pyridine	3.39	79	1334504	49.530	ng	98
4) n-Nitrosodimethylamine	3.35	42	635347	48.700	ng	98
6) Aniline	6.52	93	1471090	47.562	ng	99
8) 2-Chlorophenol	6.65	128	928650	48.224	ng	95
9) Benzaldehyde	6.40	77	682134	45.379	ng	98
10) Phenol	6.50	94	1206610	48.098	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	915893	48.143	ng	98
12) 1,3-Dichlorobenzene	6.80	146	1029300	47.949	ng	100
13) 1,4-Dichlorobenzene	6.87	146	1044873	47.982	ng	99
14) 1,2-Dichlorobenzene	7.03	146	967049	48.870	ng	99
15) Benzyl Alcohol	6.99	79	810533	48.709	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1772382	48.066	ng	100
17) 2-Methylphenol	7.11	107	763886	48.278	ng	99
18) Hexachloroethane	7.37	117	391100	48.013	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	640571	47.242	ng	98
20) 3+4-Methylphenols	7.26	107	884293	48.494	ng	93
22) Acetophenone	7.26	105	1200157	47.642	ng	97
24) Nitrobenzene	7.43	77	1001121	48.688	ng	99
25) Isophorone	7.67	82	1765880	47.499	ng	99
26) 2-Nitrophenol	7.75	139	491947	49.489	ng	99
27) 2,4-Dimethylphenol	7.79	122	744755	47.353	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1164206	47.801	ng	98
29) 2,4-Dichlorophenol	7.99	162	755521	48.242	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	861414	48.399	ng	97
31) Naphthalene	8.16	128	2571562	48.469	ng	100
32) Benzoic acid	7.92	122	479780	46.939	ng	99
33) 4-Chloroaniline	8.20	127	1178273	48.797	ng	99
34) Hexachlorobutadiene	8.28	225	493280	48.781	ng	99
35) Caprolactam	8.58	113	260594	51.079	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	783081	49.053	ng	100
37) 2-Methylnaphthalene	8.85	142	1709346	49.388	ng	97
38) 1-Methylnaphthalene	8.95	142	1619007	49.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	771738	48.403	ng	99

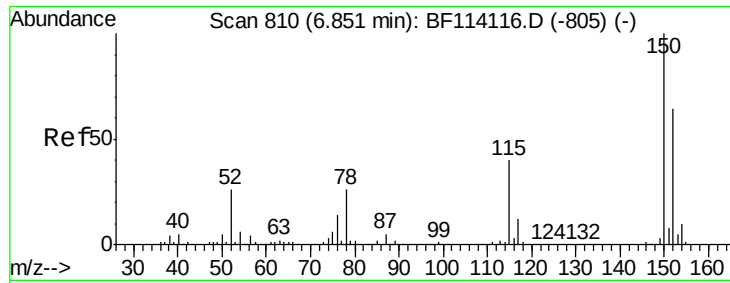
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	340823	50.716	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	536031	48.819	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	546988	48.530	ng	99
46) 1,1'-Biphenyl	9.31	154	2067959	48.815	ng	99
47) 2-Chloronaphthalene	9.34	162	1657202	48.583	ng	97
48) 2-Nitroaniline	9.43	65	598071	49.189	ng	99
49) Acenaphthylene	9.75	152	2535585	48.854	ng	99
50) Dimethylphthalate	9.61	163	1862744	48.349	ng	99
51) 2,6-Dinitrotoluene	9.67	165	420575	49.024	ng	98
52) Acenaphthene	9.92	154	1615821	50.746	ng	99
53) 3-Nitroaniline	9.84	138	530126	49.914	ng	97
54) 2,4-Dinitrophenol	9.95	184	202506	52.599	ng	97
55) Dibenzofuran	10.09	168	2242686	48.153	ng	99
56) 4-Nitrophenol	10.00	139	369429	49.025	ng	87
57) 2,4-Dinitrotoluene	10.07	165	567416	48.734	ng	95
58) Fluorene	10.44	166	1727240	48.084	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	462949	47.809	ng	99
60) Diethylphthalate	10.31	149	1852886	47.386	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	848157	48.049	ng	99
62) 4-Nitroaniline	10.46	138	553567	49.865	ng	96
63) Azobenzene	10.59	77	1853867	50.406	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	272453	48.350	ng	90
66) n-Nitrosodiphenylamine	10.55	169	1579833	45.404	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	602645	50.242	ng	99
68) Hexachlorobenzene	10.99	284	656602	49.379	ng	# 91
69) Atrazine	11.07	200	520584	50.599	ng	98
70) Pentachlorophenol	11.18	266	333787	53.052	ng	98
71) Phenanthrene	11.40	178	2561875	47.769	ng	100
72) Anthracene	11.45	178	2589166	48.066	ng	99
73) Carbazole	11.60	167	2453895	47.931	ng	100
74) Di-n-butylphthalate	11.93	149	2835443	47.816	ng	100
75) Fluoranthene	12.59	202	2727913	47.180	ng	98
77) Benzidine	12.70	184	1407353	39.788	ng	99
78) Pyrene	12.82	202	2810435	43.469	ng	99
80) Butylbenzylphthalate	13.43	149	1282562	47.139	ng	98
81) Benzo(a)anthracene	14.01	228	2440623	46.942	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	967234	47.970	ng	# 98
83) Chrysene	14.05	228	2382387	46.757	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1706440	48.083	ng	100
85) Di-n-octyl phthalate	14.63	149	2788410	48.208	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1998016	43.807	ng	100
88) Benzo(b)fluoranthene	15.09	252	2352851	47.549	ng	99
89) Benzo(k)fluoranthene	15.12	252	2239201	49.941	ng	99
90) Benzo(a)pyrene	15.45	252	2143352	49.563	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	1613305	44.341	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1622060	44.661	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF114121.D

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BNA_F

ClientSampleId :

SSTDIC050

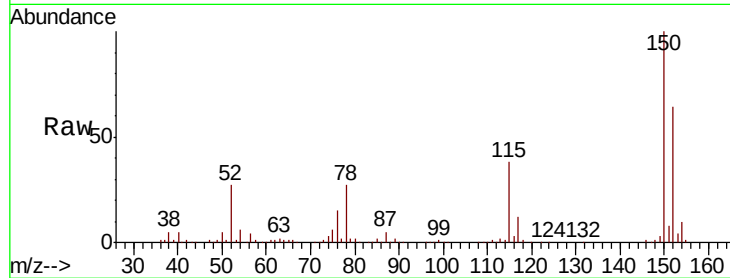
Tot Ion:152 Resp: 286878

Ion Ratio Lower Upper

152 100

150 156.5 124.3 186.5

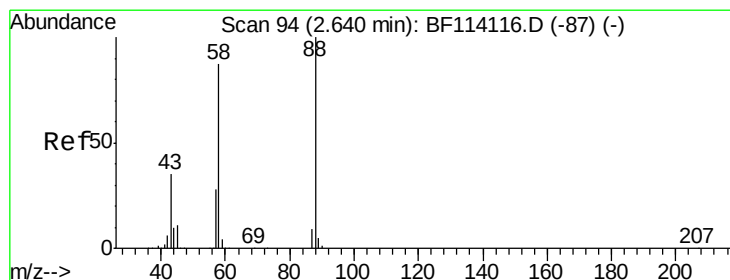
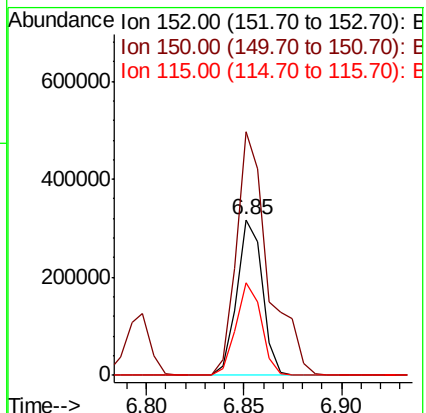
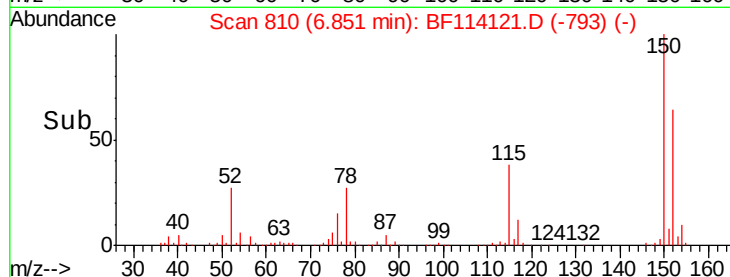
115 59.5 49.1 73.7



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: 49.204 ng

RT: 2.65 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

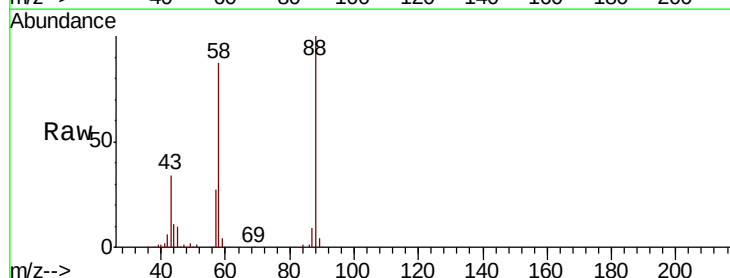
Tgt Ion: 88 Resp: 483802

Ion Ratio Lower Upper

88 100

58 86.6 68.7 103.1

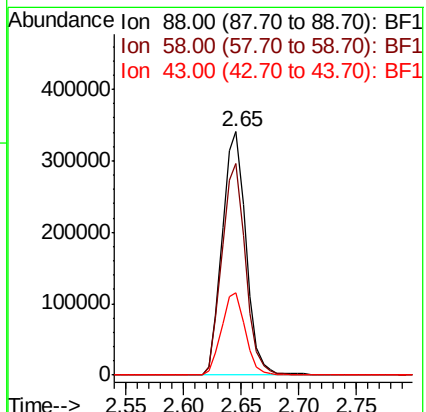
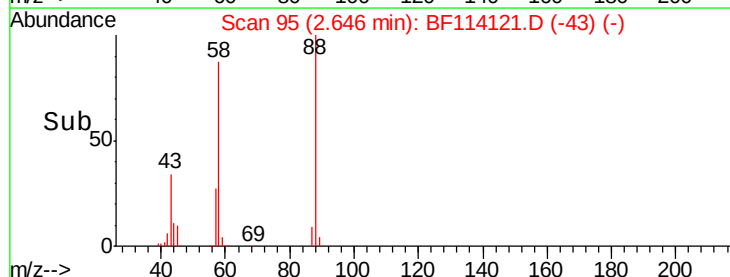
43 34.1 28.2 42.2

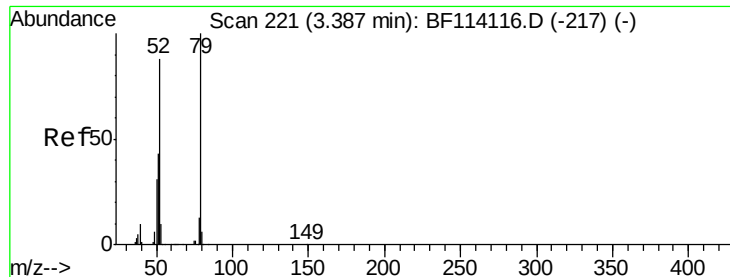


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 49.530 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

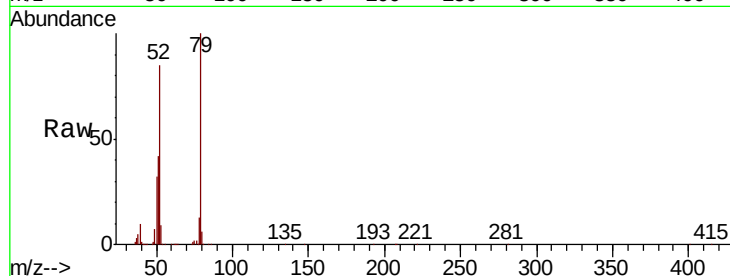
Tot Ion: 79 Resp: 1334504

Ion Ratio Lower Upper

79 100

52 85.1 70.6 105.8

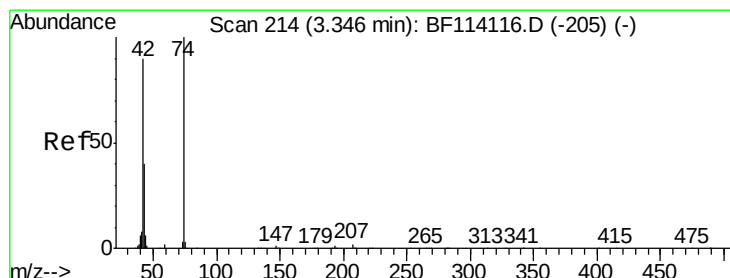
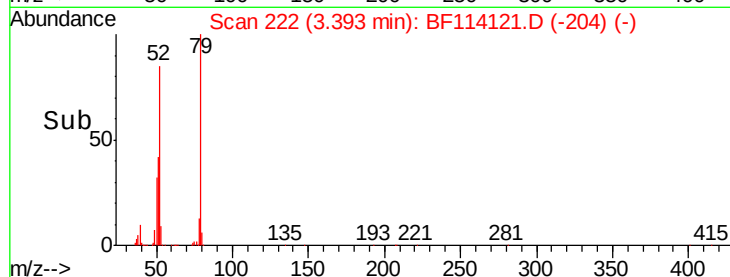
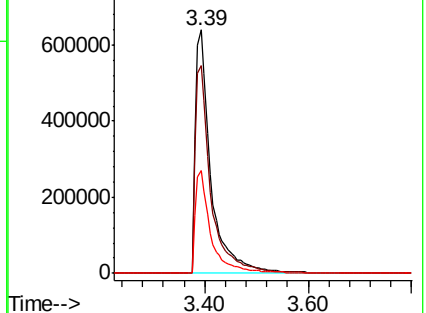
51 42.2 34.2 51.2



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: 48.700 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

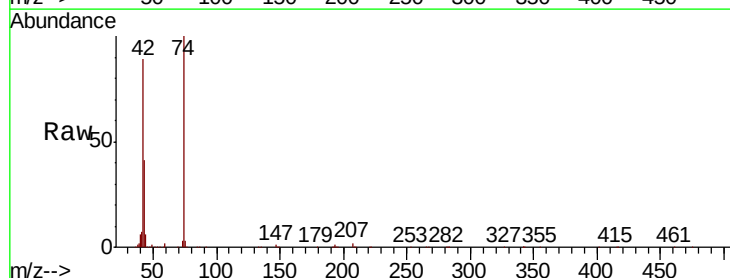
Tgt Ion: 42 Resp: 635347

Ion Ratio Lower Upper

42 100

74 112.8 88.6 132.8

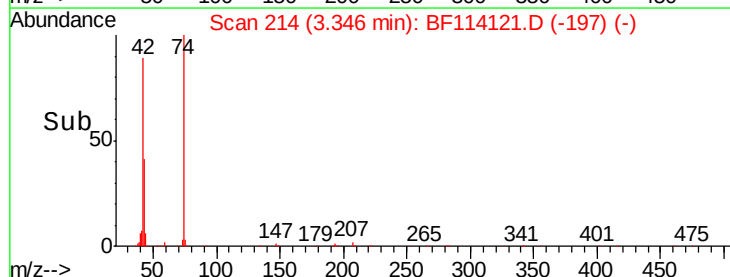
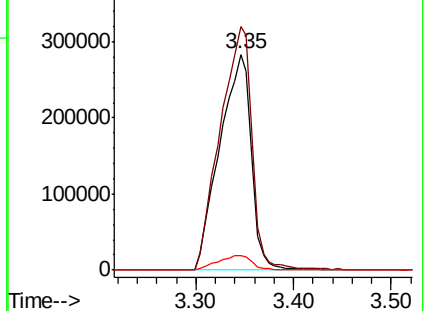
44 6.6 5.5 8.3

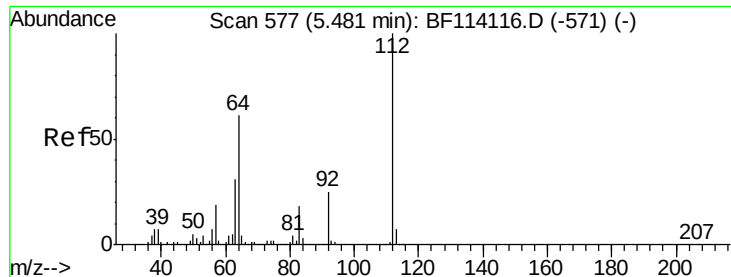


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 95.993 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

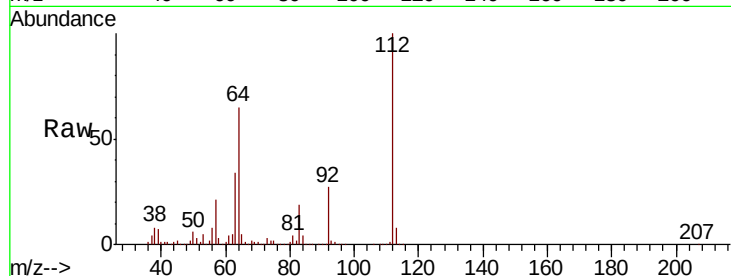
Tot Ion:112 Resp: 1714936

Ion Ratio Lower Upper

112 100

64 65.5 49.0 73.6

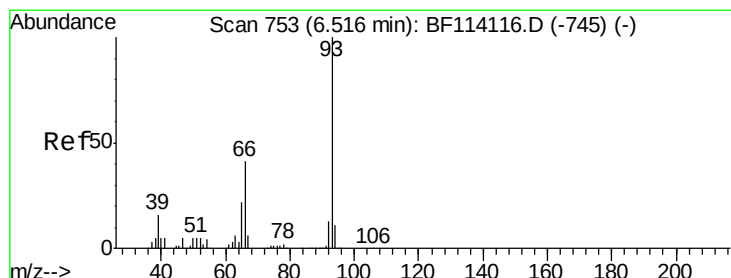
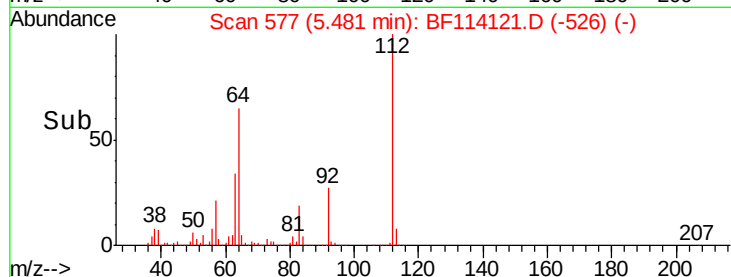
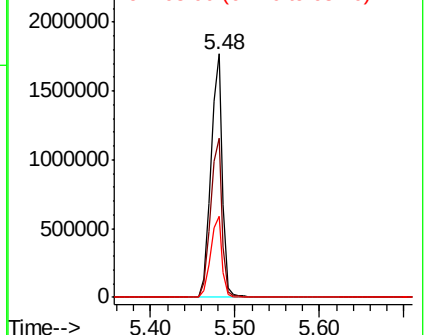
63 33.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 47.562 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

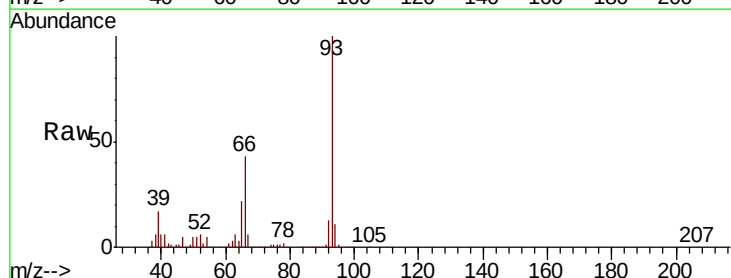
Tgt Ion: 93 Resp: 1471090

Ion Ratio Lower Upper

93 100

66 42.6 33.2 49.8

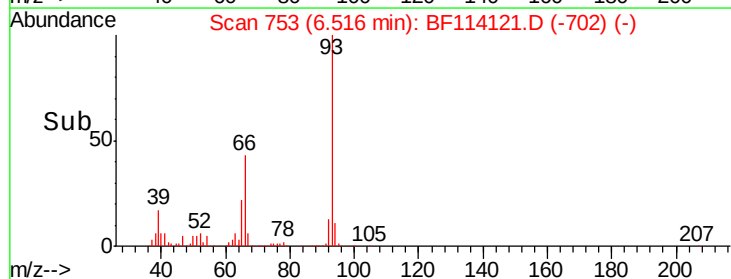
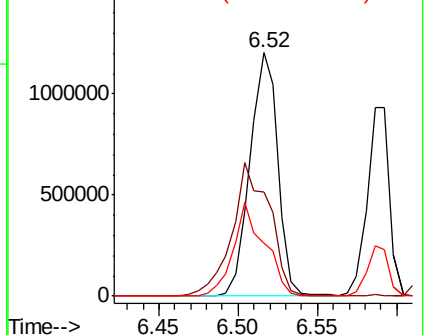
65 21.8 17.6 26.4

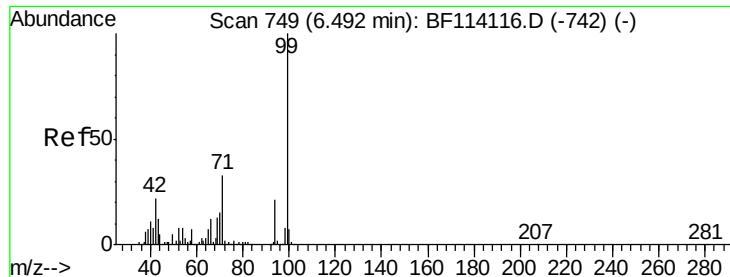


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.546 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

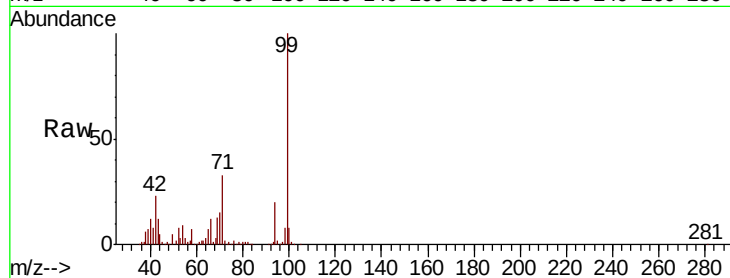
BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 2040264

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	33.0	26.2	39.2

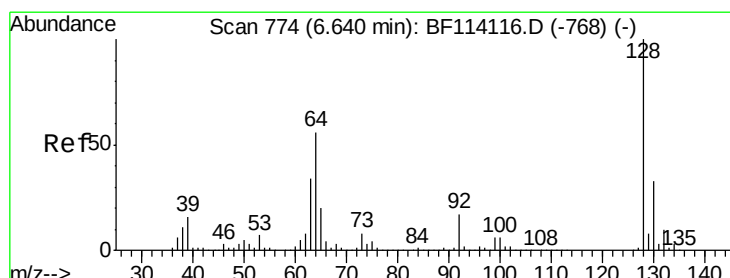
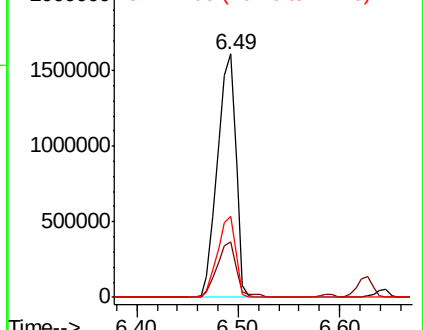
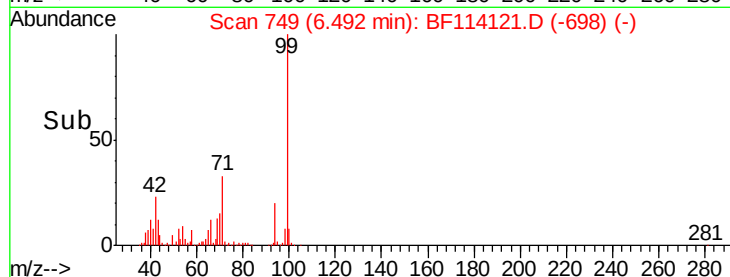


Abundance

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: 48.224 ng

RT: 6.65 min Scan# 775

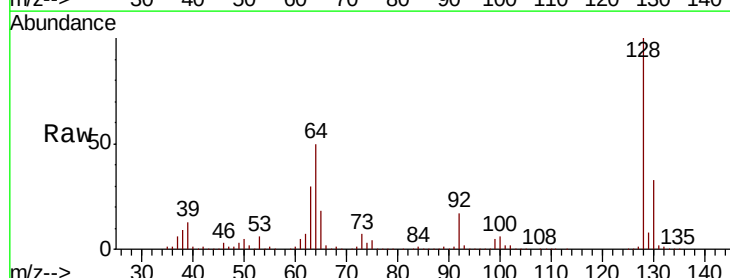
Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Tgt Ion: 128 Resp: 928650

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	50.2	35.9	75.9

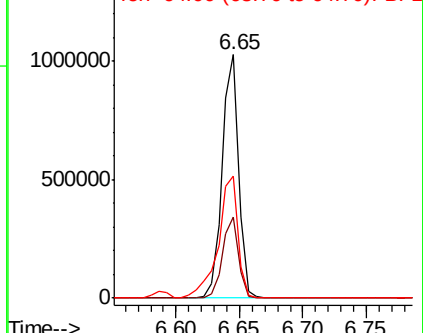
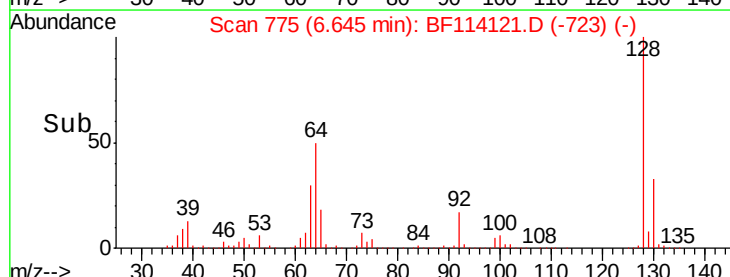


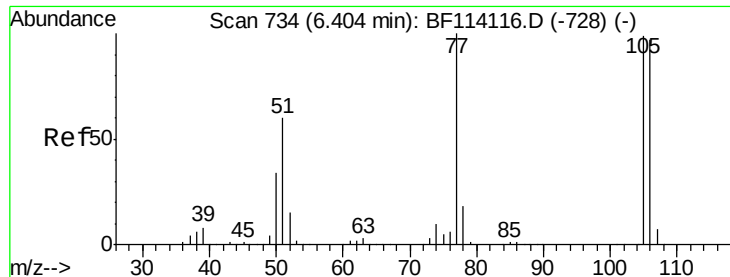
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.379 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

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SSTDICC050

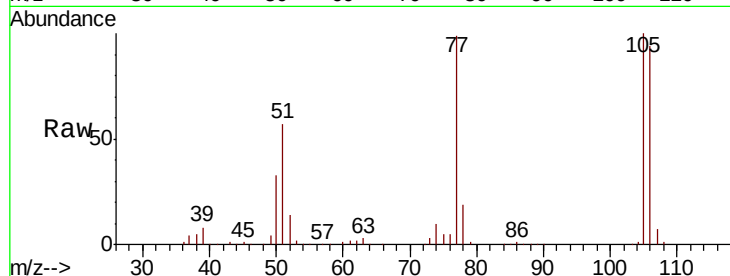
Tot Ion: 77 Resp: 682134

Ion Ratio Lower Upper

77 100

105 101.4 79.3 119.3

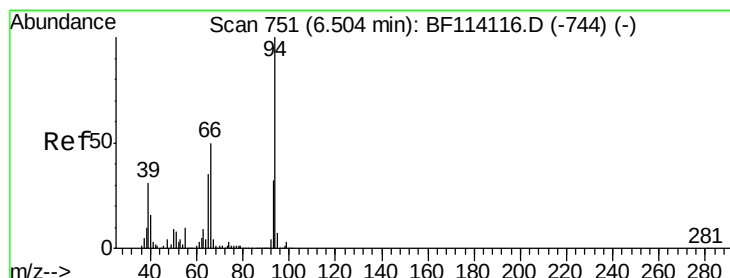
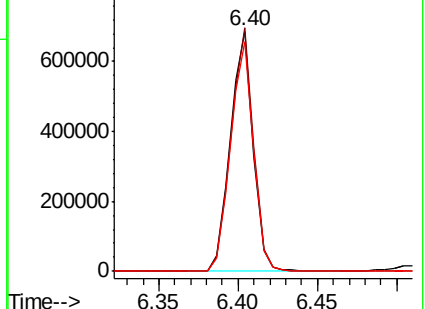
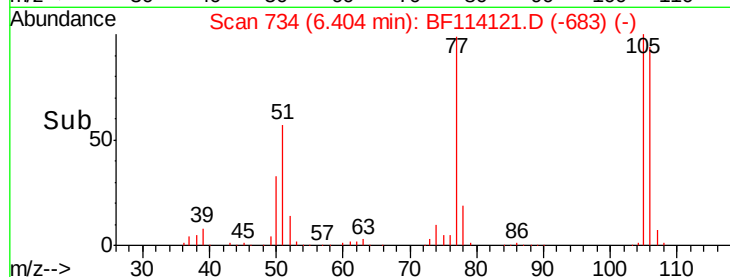
106 95.5 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.098 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

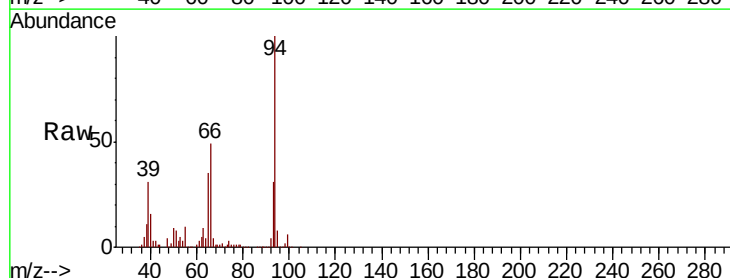
Tgt Ion: 94 Resp: 1206610

Ion Ratio Lower Upper

94 100

65 34.9 14.7 54.7

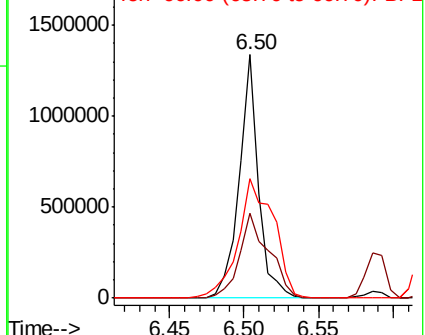
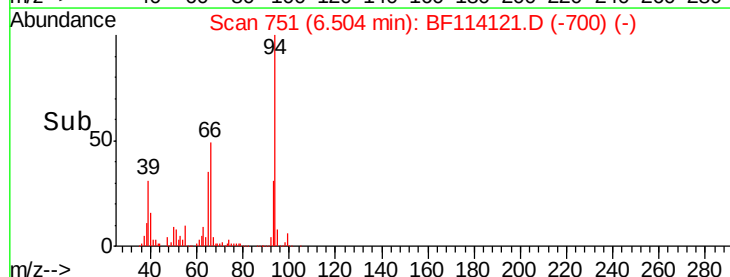
66 49.2 29.6 69.6

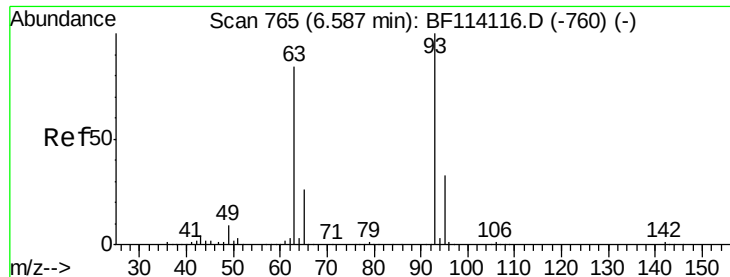


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.143 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

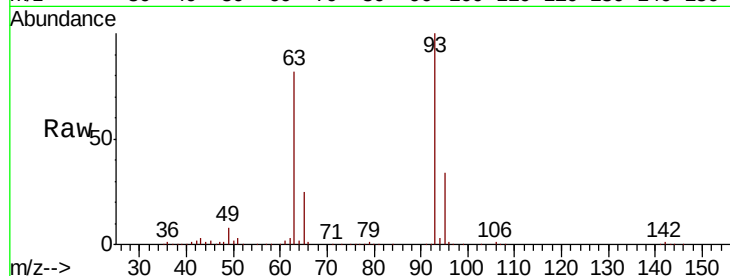
Tot Ion: 93 Resp: 915893

Ion Ratio Lower Upper

93 100

63 81.9 63.6 103.6

95 33.7 13.1 53.1

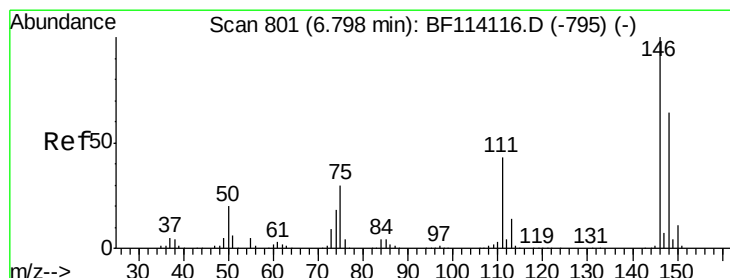
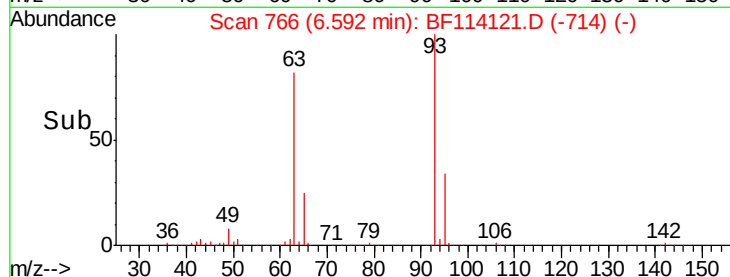
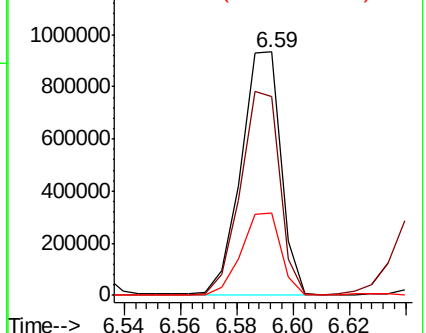


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 47.949 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

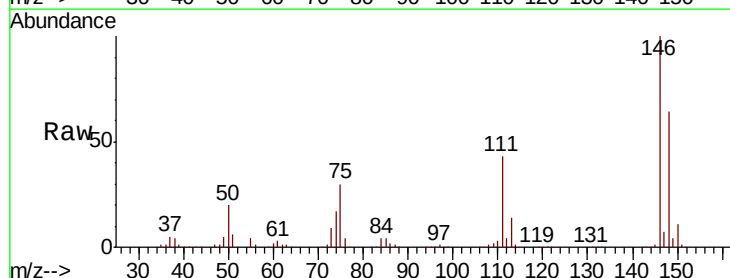
Tgt Ion: 146 Resp: 1029300

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

75 30.0 24.2 36.2

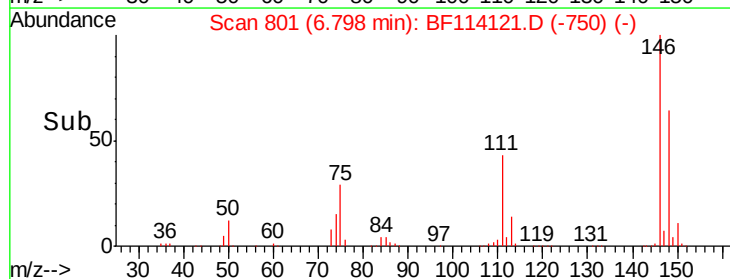
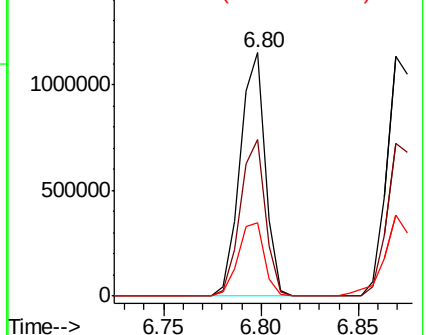


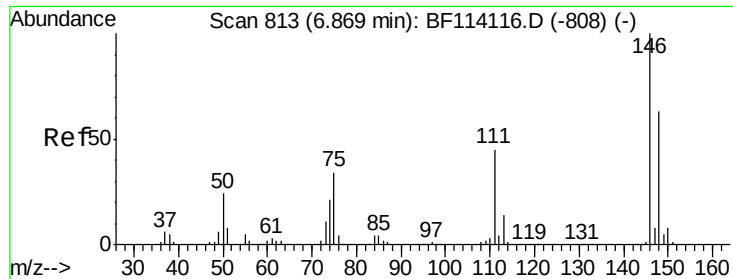
Abundance

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

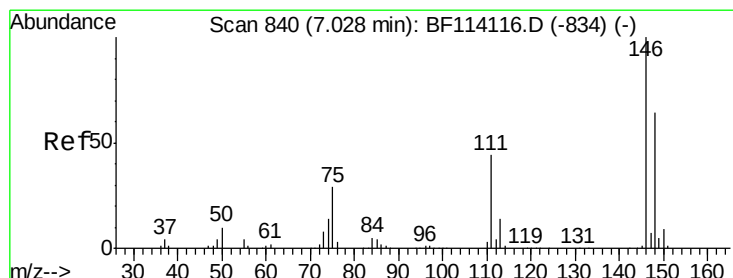
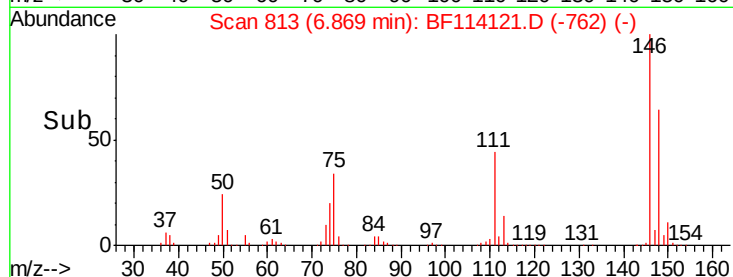
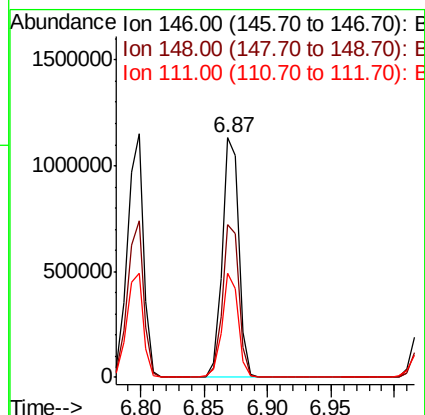
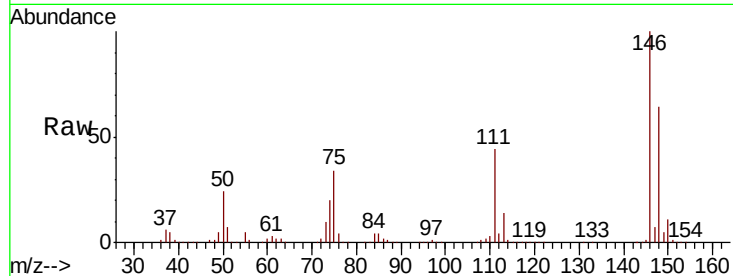




#13
 1,4-Dichlorobenzene
 Concen: 47.982 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

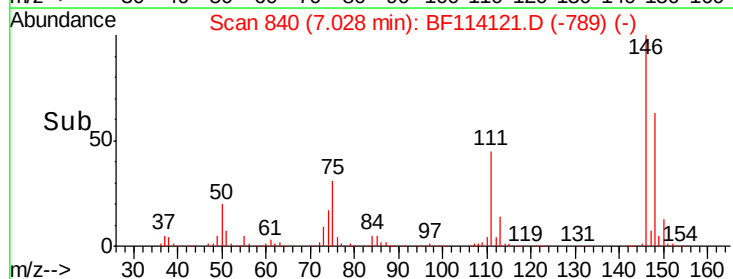
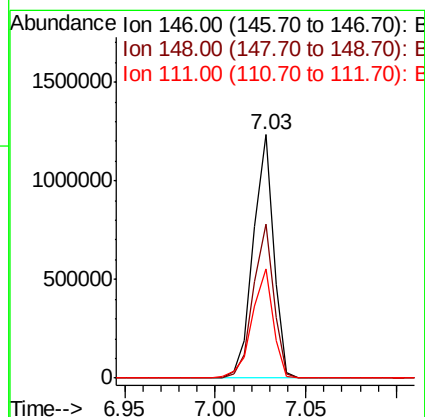
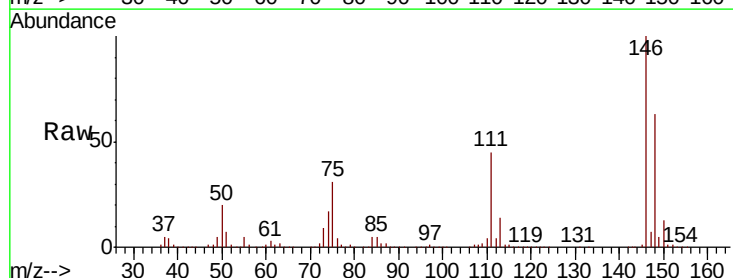
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

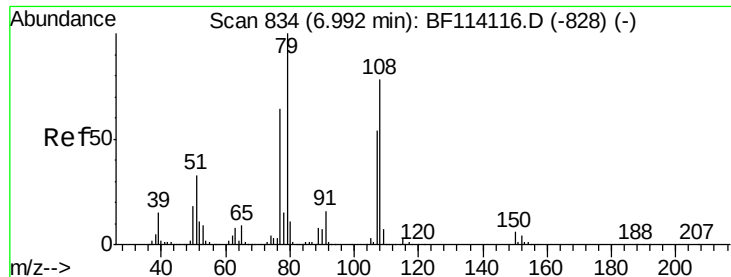
Tot Ion:146 Resp: 1044873
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.2 75.2
 111 43.5 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 48.870 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion:146 Resp: 967049
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 45.1 35.3 52.9





#15

Benzyl Alcohol

Concen: 48.709 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

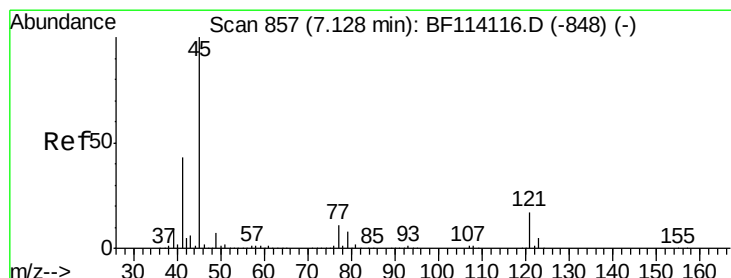
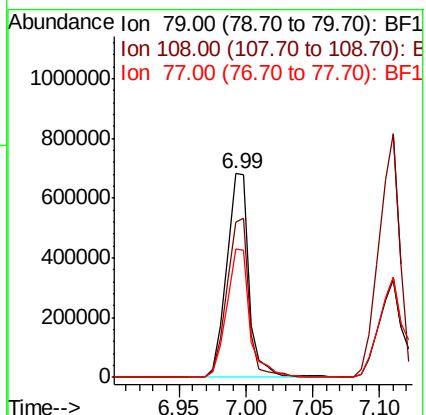
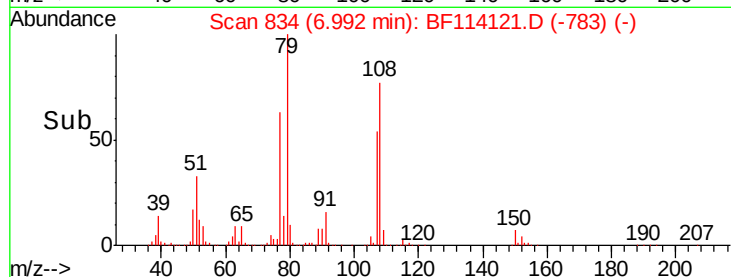
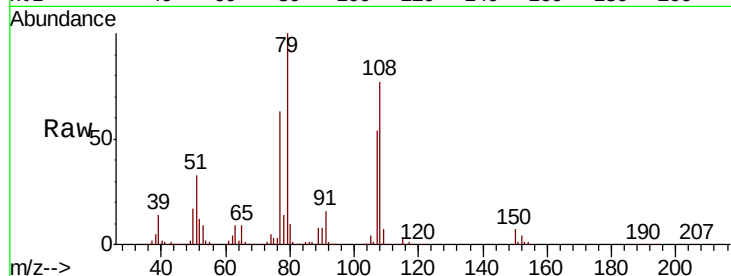
Tot Ion: 79 Resp: 810533

Ion Ratio Lower Upper

79 100

108 76.5 62.1 93.1

77 62.9 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.066 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

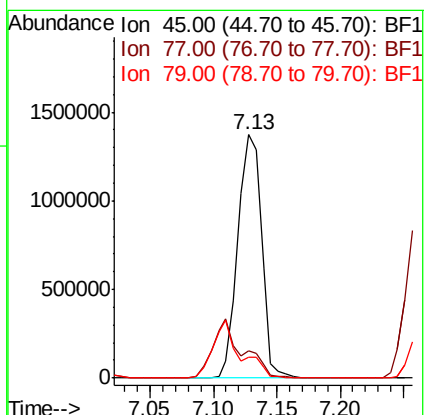
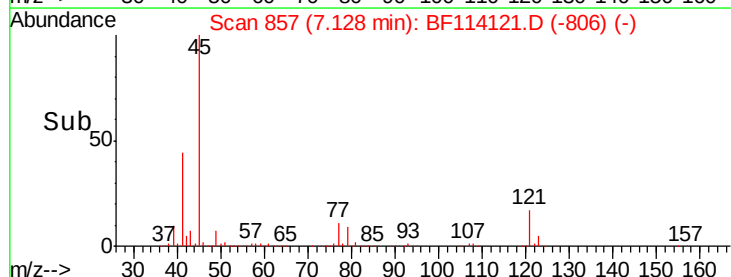
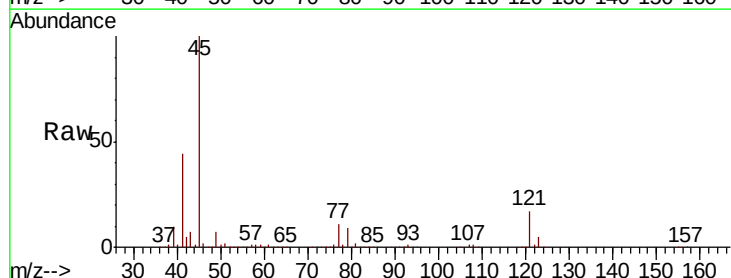
Tgt Ion: 45 Resp: 1772382

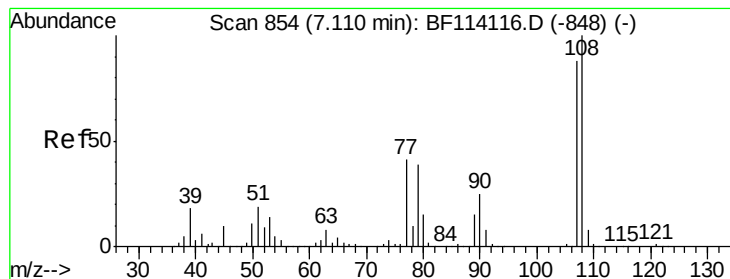
Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.1

79 8.7 0.0 28.4





#17

2-Methylphenol

Concen: 48.278 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 763886

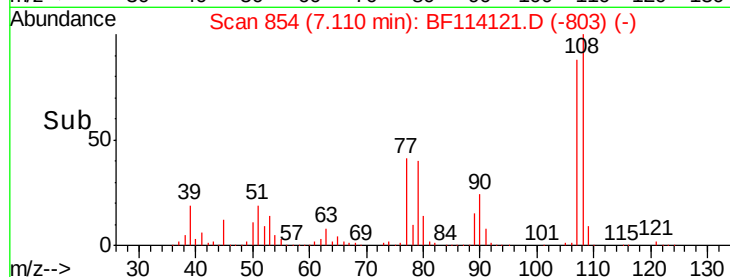
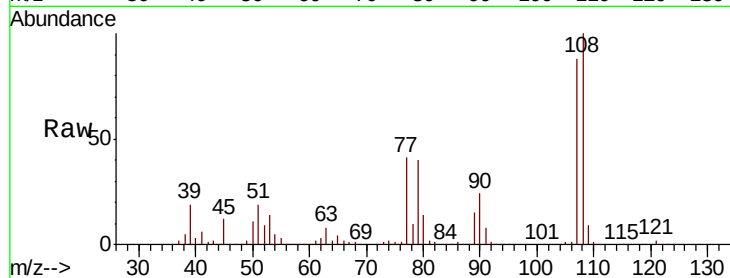
Ion Ratio Lower Upper

107 100

108 113.8 90.5 135.7

77 47.0 37.0 55.4

79 45.6 35.8 53.8



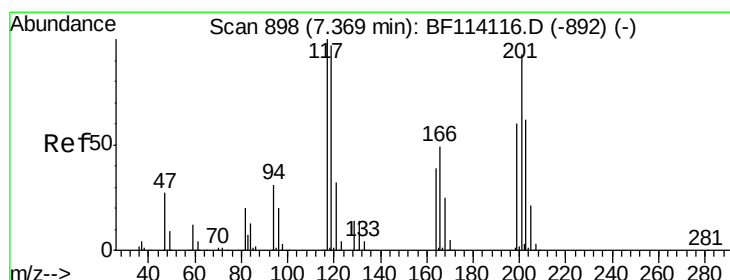
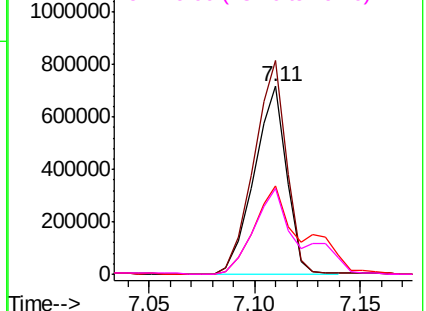
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 48.013 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

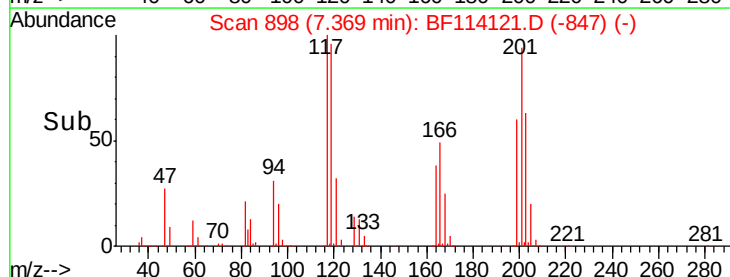
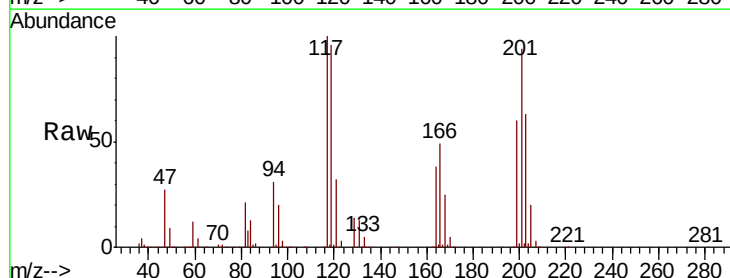
Tgt Ion:117 Resp: 391100

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.2

201 94.2 74.5 111.7

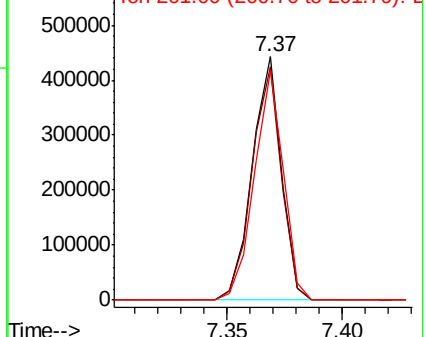


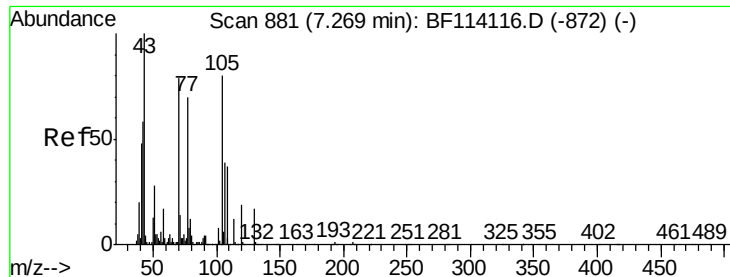
Abundance

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

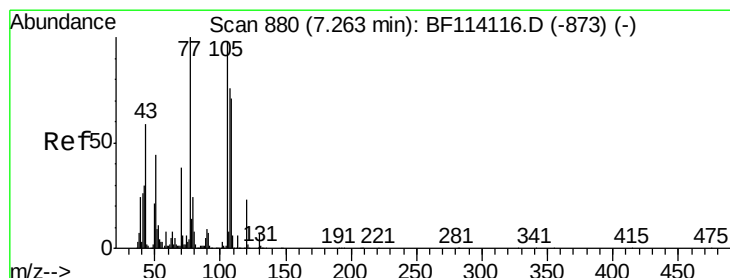
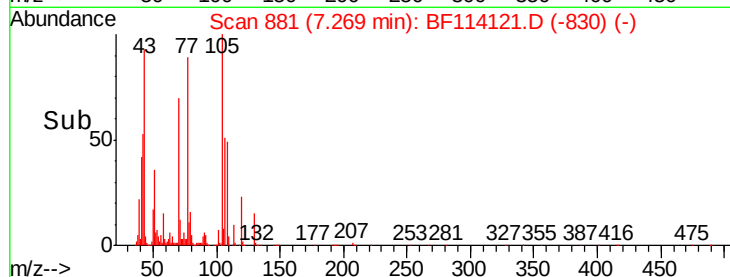
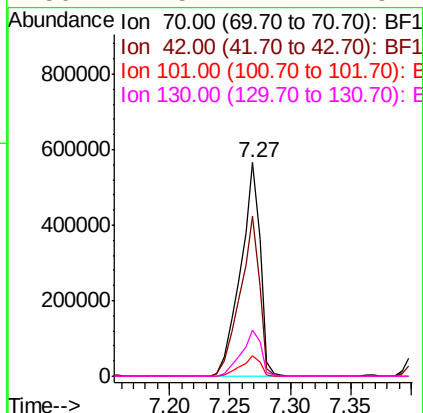
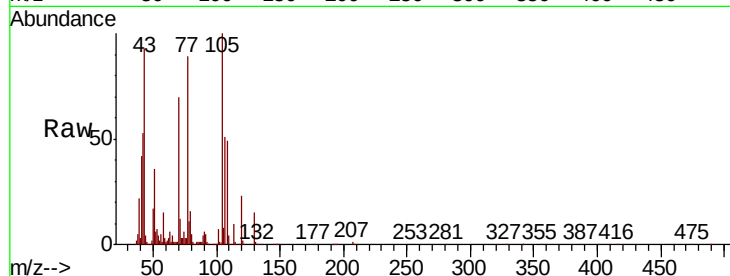




#19
n-Nitroso-di-n-propylamine
Concen: 47.242 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

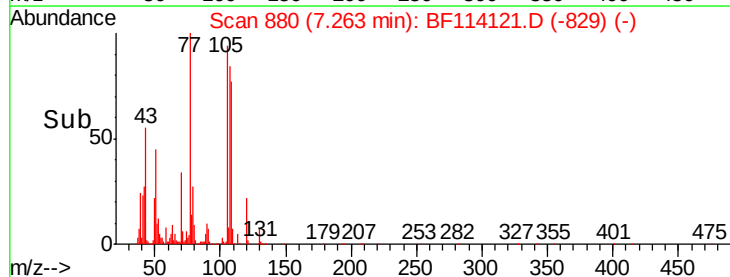
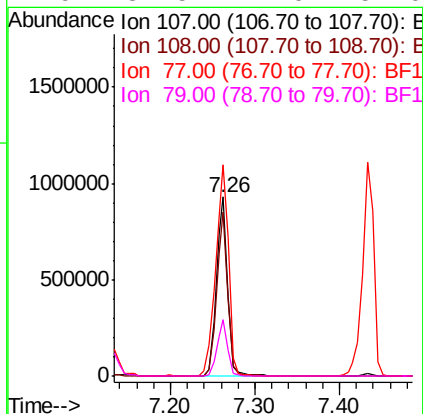
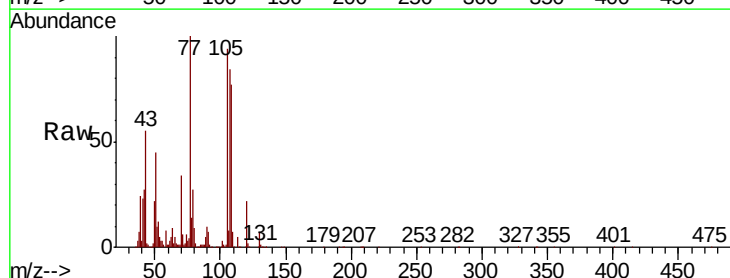
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

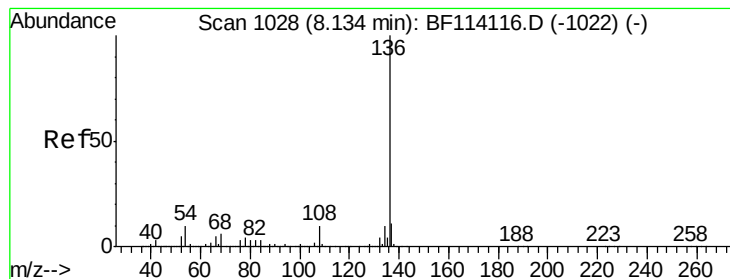
Tot Ion:	70	Resp:	640571
Ion	Ratio	Lower	Upper
70	100		
42	75.0	58.6	87.8
101	9.7	7.8	11.8
130	21.5	17.1	25.7



#20
3+4-Methylphenols
Concen: 48.494 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion:	107	Resp:	884293
Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.8	113.8
77	118.5	111.5	151.5
79	31.5	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 1135859

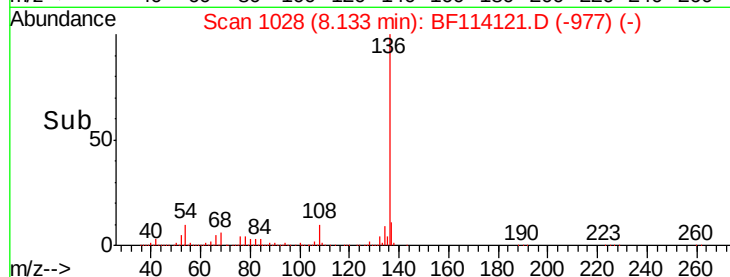
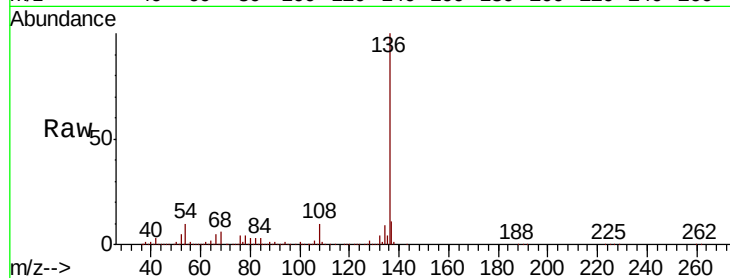
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.9 7.8 11.8

68 6.1 5.1 7.7

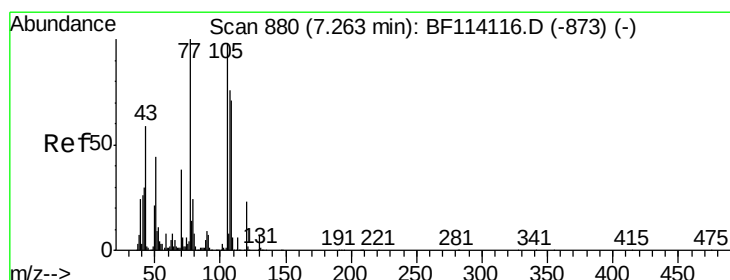
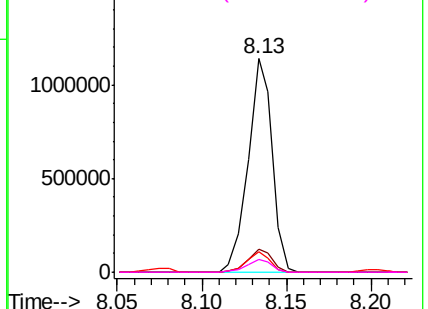


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.642 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Tgt Ion:105 Resp: 1200157

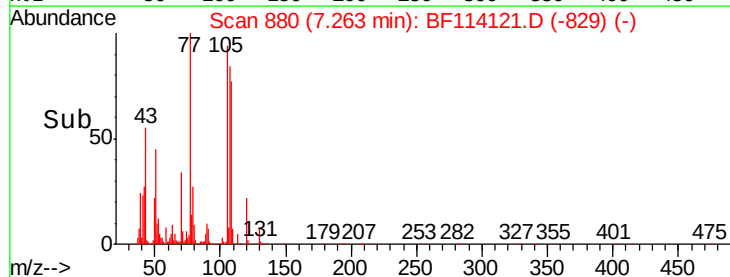
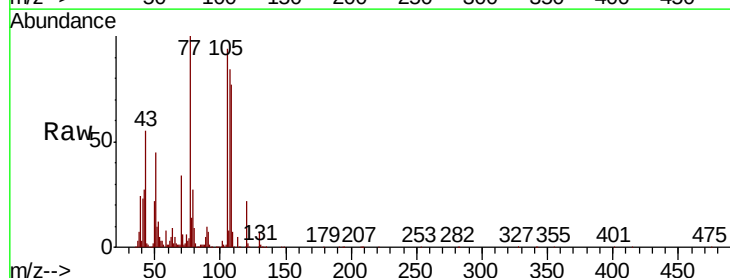
Ion Ratio Lower Upper

105 100

71 6.3 5.3 7.9

51 47.9 36.2 54.4

120 22.9 18.6 28.0

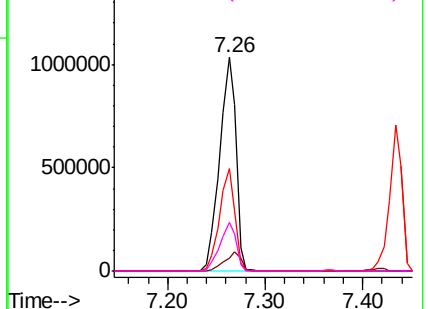


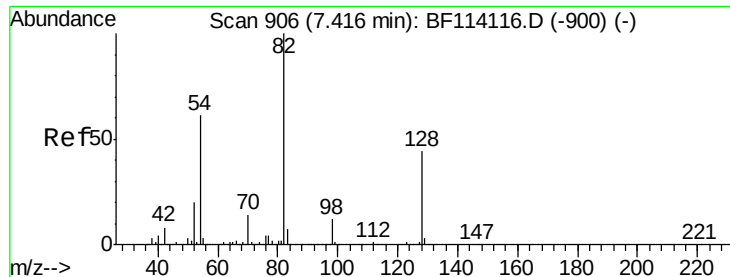
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

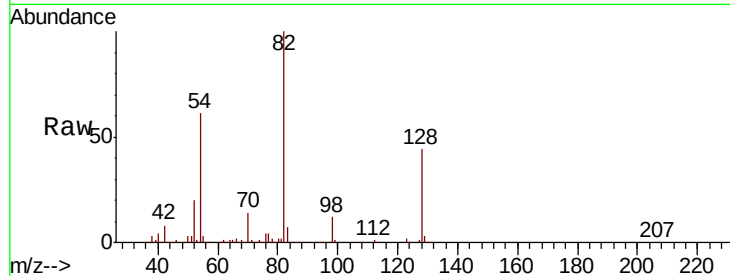




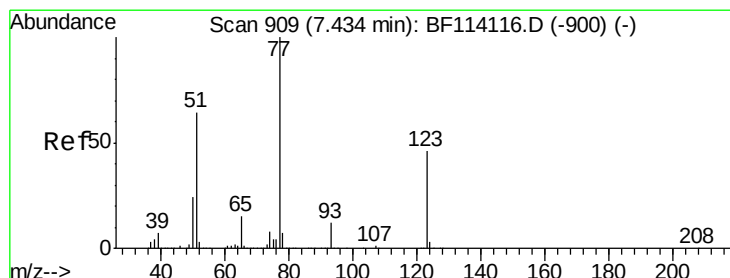
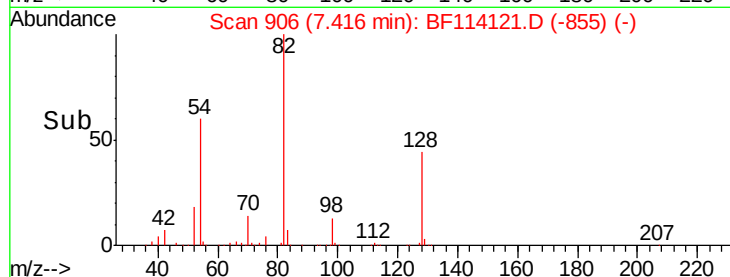
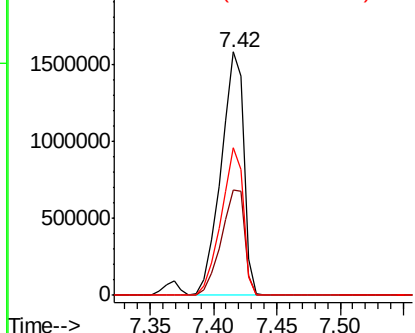
#23
Nitrobenzene-d5
Concen: 97.273 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 82 Resp: 1961591
Ion Ratio Lower Upper
82 100
128 43.5 35.5 53.3
54 60.8 48.5 72.7

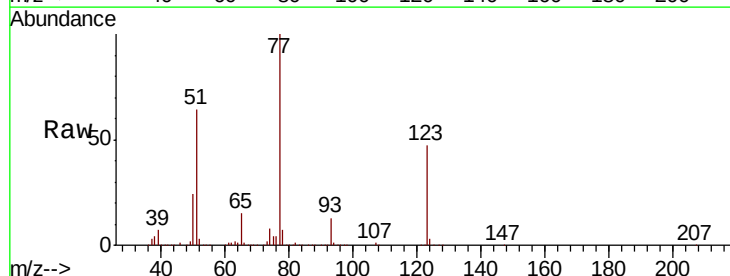


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

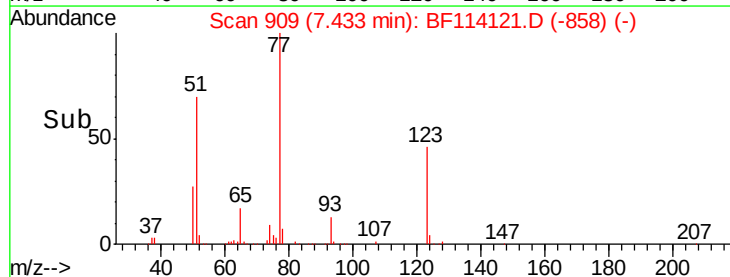
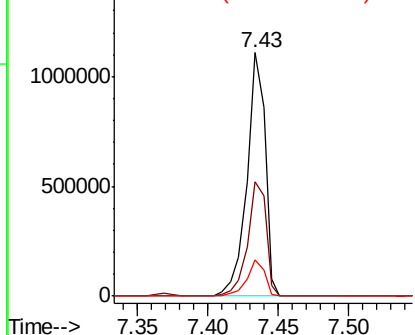


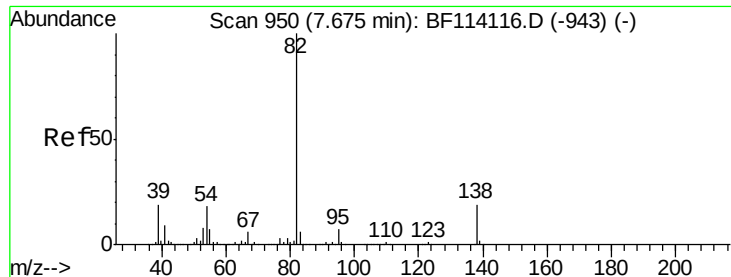
#24
Nitrobenzene
Concen: 48.688 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion: 77 Resp: 1001121
Ion Ratio Lower Upper
77 100
123 46.9 36.9 55.3
65 14.7 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: 47.499 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

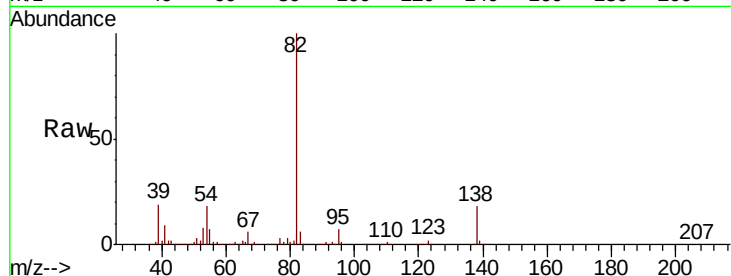
Tot Ion: 82 Resp: 1765880

Ion Ratio Lower Upper

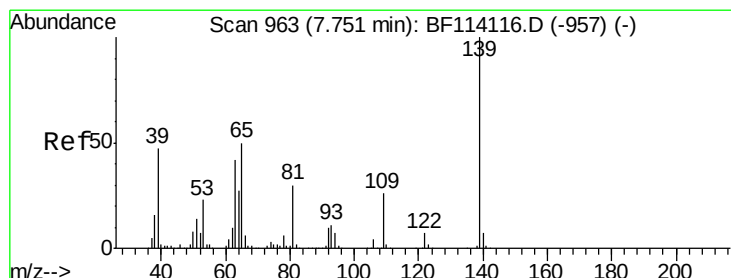
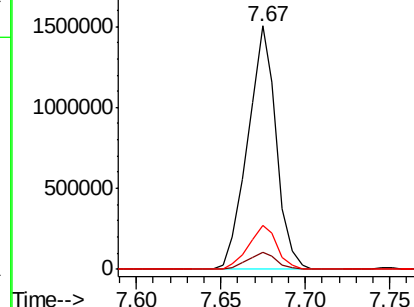
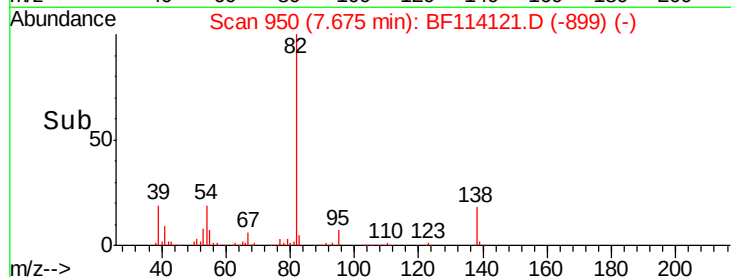
82 100

95 6.9 5.6 8.4

138 18.0 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: 49.489 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

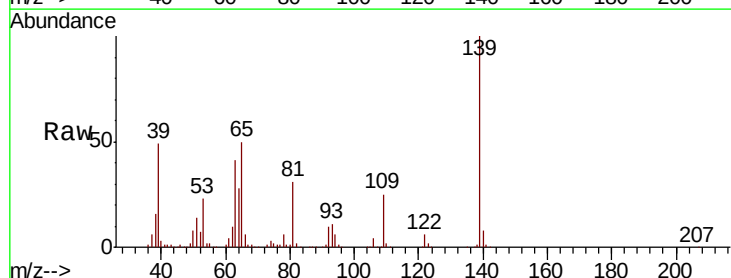
Tgt Ion: 139 Resp: 491947

Ion Ratio Lower Upper

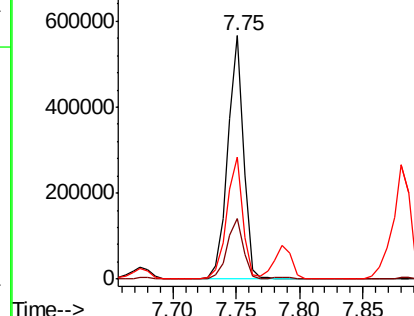
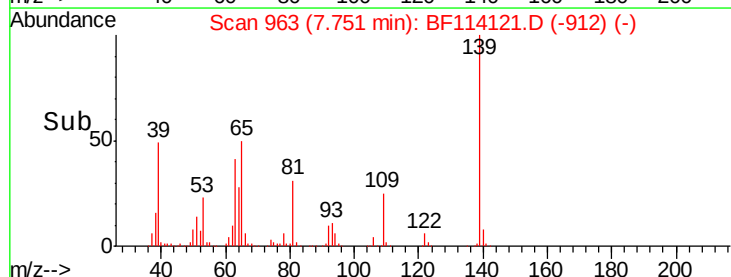
139 100

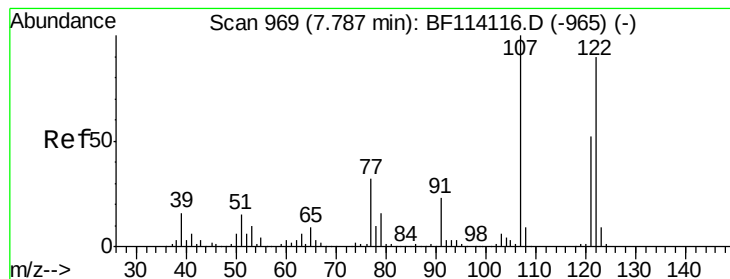
109 25.0 20.7 31.1

65 50.3 40.2 60.2



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





#27

2,4-Dimethylphenol

Concen: 47.353 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

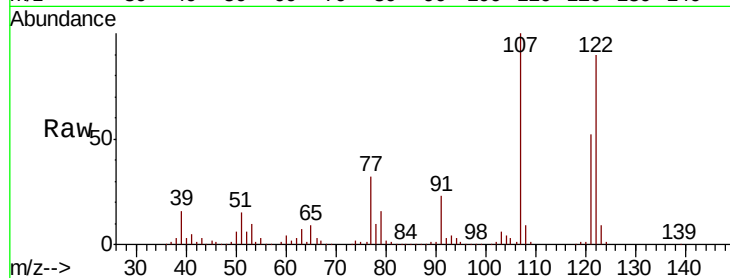
Tot Ion:122 Resp: 744755

Ion Ratio Lower Upper

122 100

107 111.7 88.4 132.6

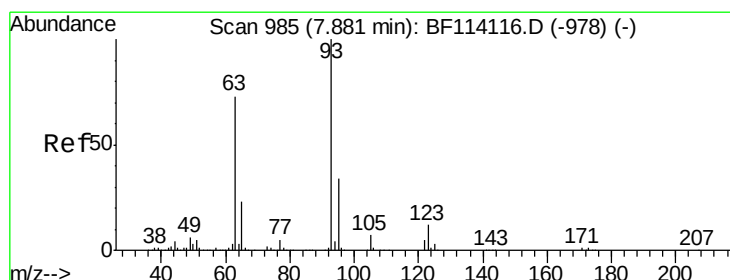
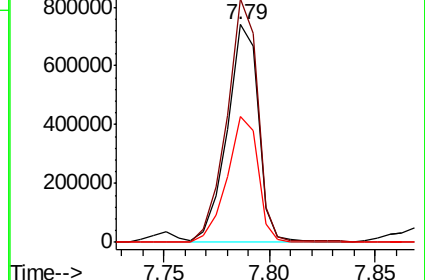
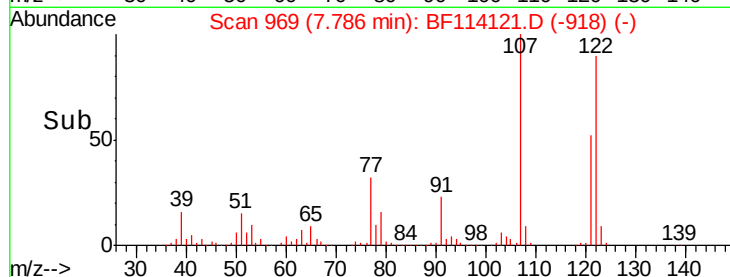
121 57.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.801 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

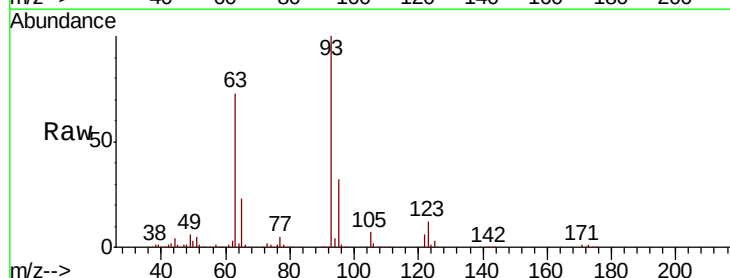
Tgt Ion: 93 Resp: 1164206

Ion Ratio Lower Upper

93 100

95 32.5 26.8 40.2

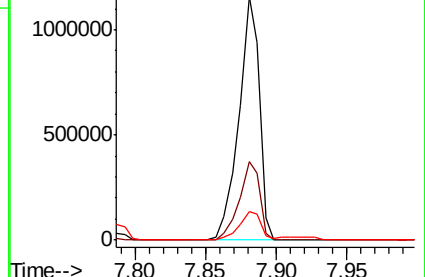
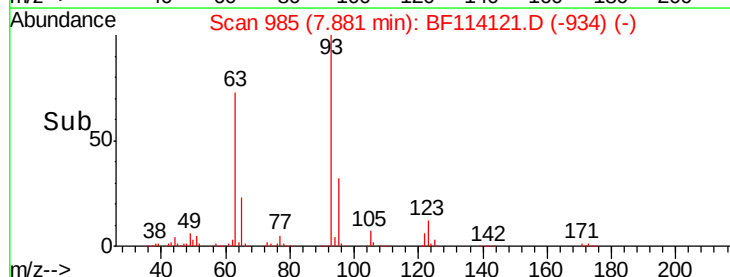
123 11.6 9.5 14.3

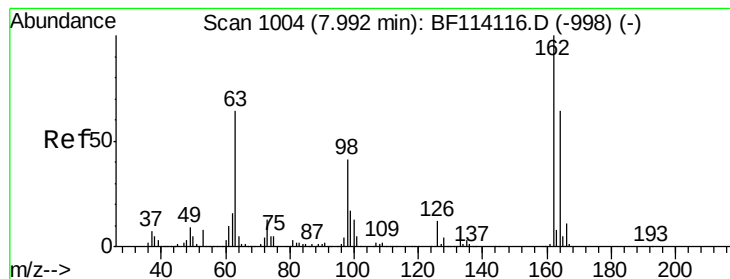


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.242 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

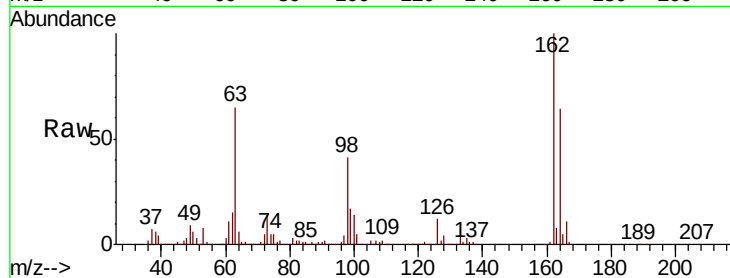
Tot Ion:162 Resp: 75521

Ion Ratio Lower Upper

162 100

164 64.0 43.6 83.6

98 41.0 20.6 60.6

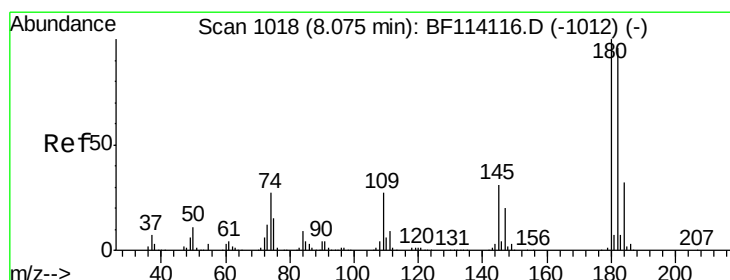
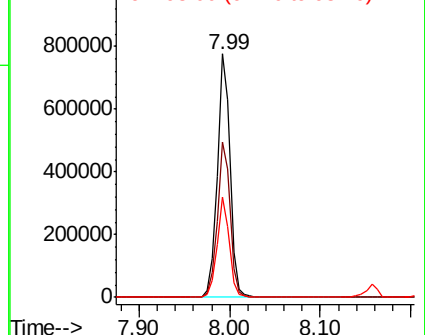
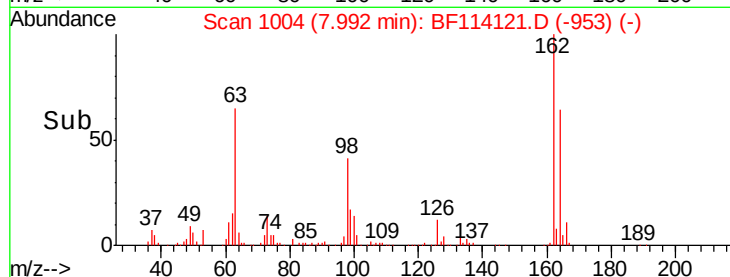


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 48.399 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

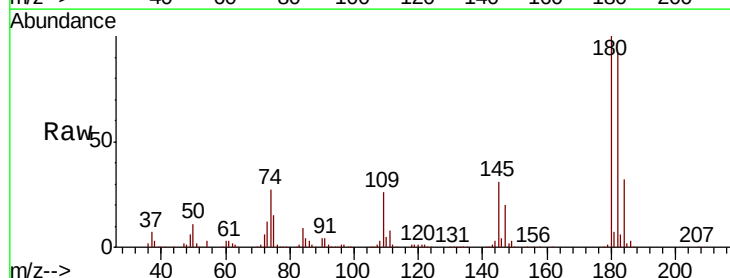
Tgt Ion:180 Resp: 861414

Ion Ratio Lower Upper

180 100

182 92.3 76.6 114.8

145 31.3 25.1 37.7

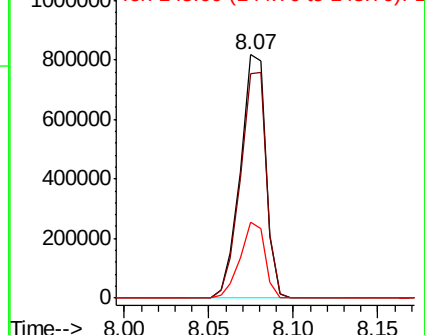
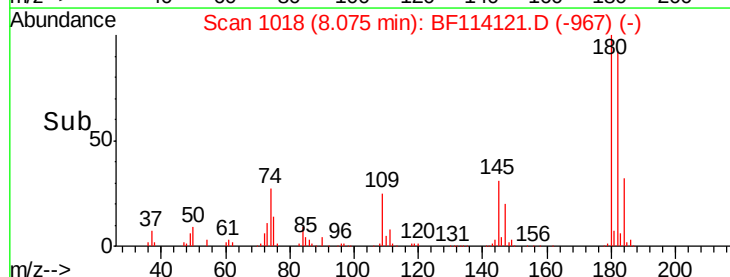


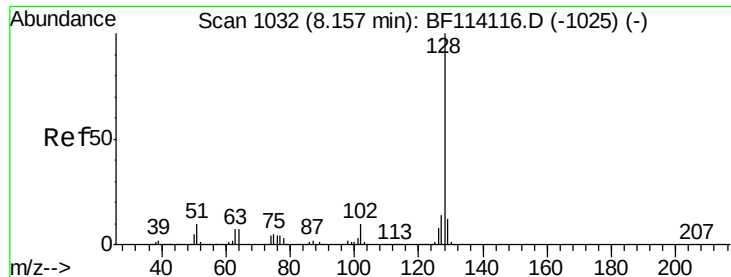
Abundance

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: 48.469 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

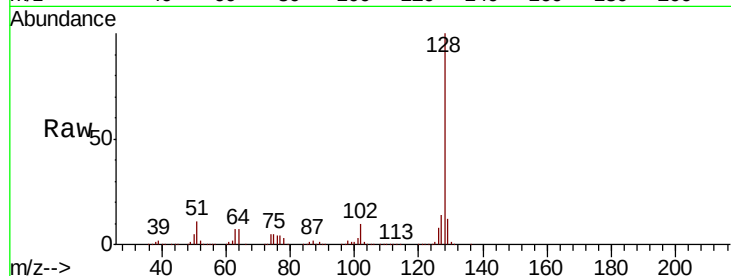
Tot Ion:128 Resp: 2571562

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

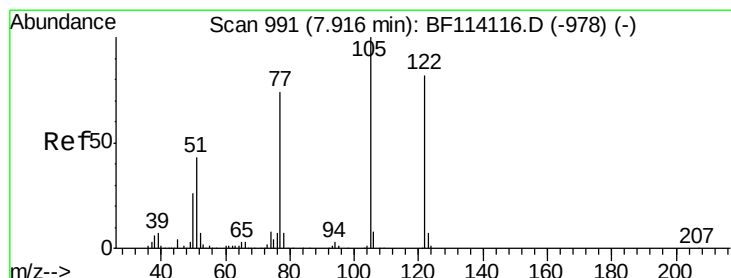
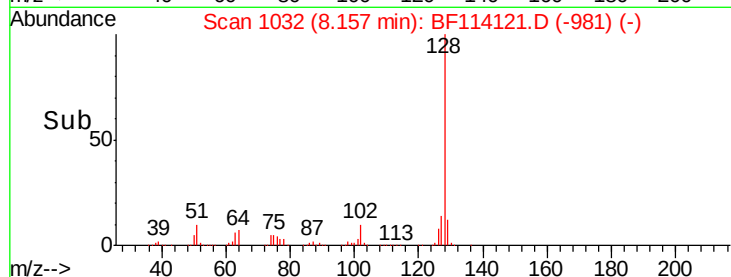
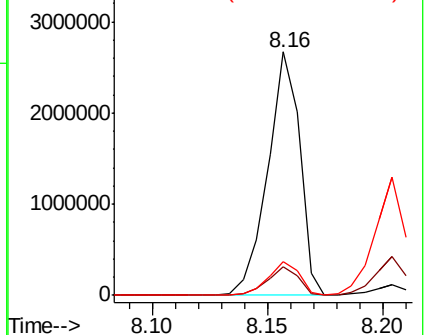
127 13.9 11.3 16.9



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: 46.939 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

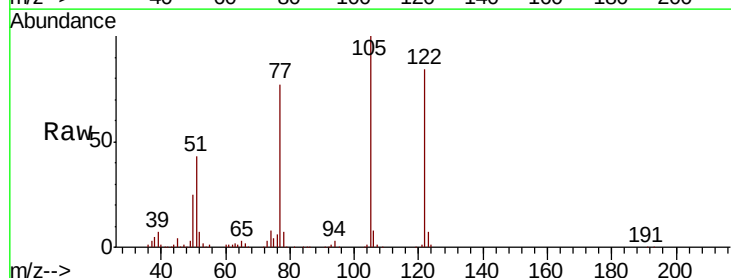
Tgt Ion:122 Resp: 479780

Ion Ratio Lower Upper

122 100

105 119.0 99.9 139.9

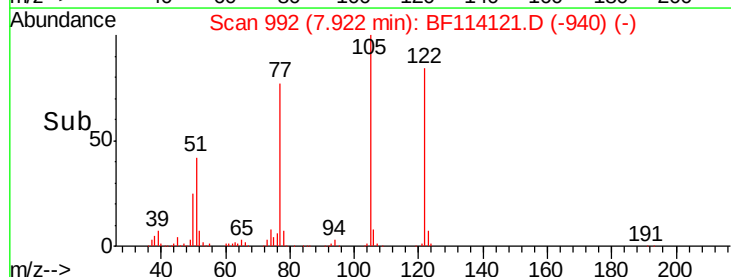
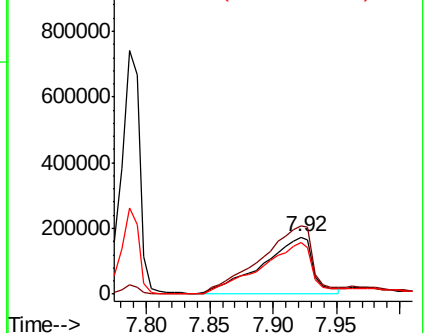
77 91.5 69.4 109.4

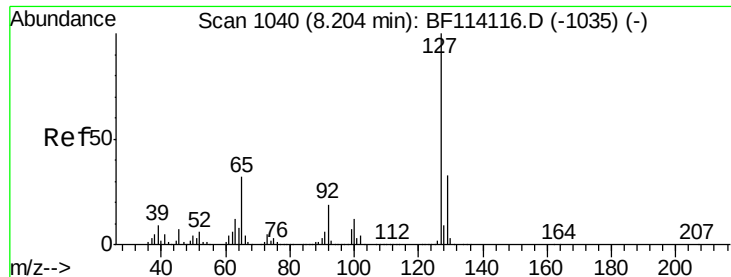


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



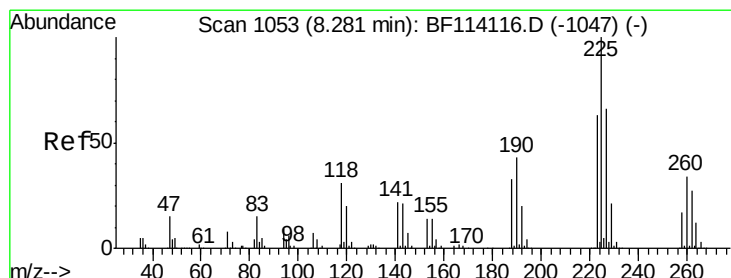
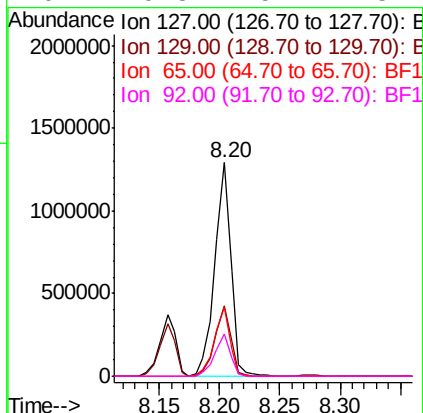
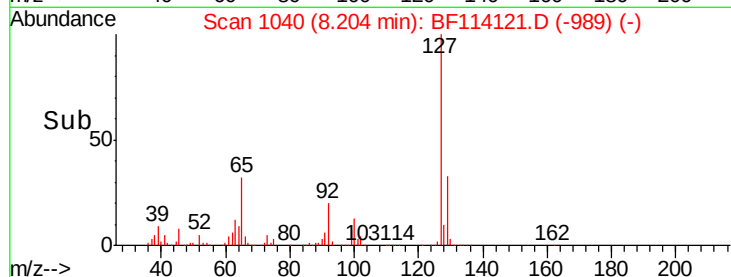
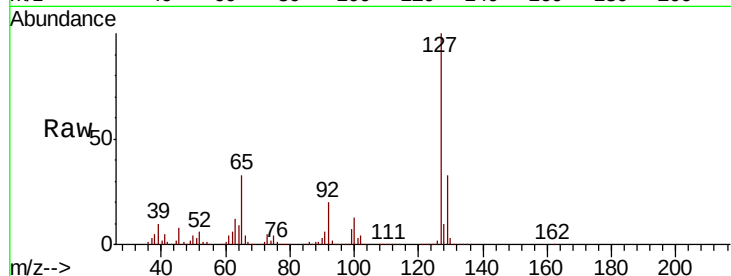


#33
4-Chloroaniline
Concen: 48.797 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:127 Resp: 1178273

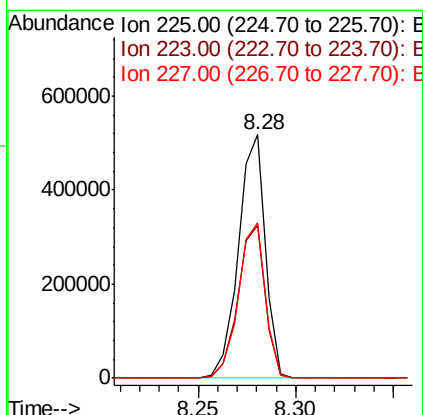
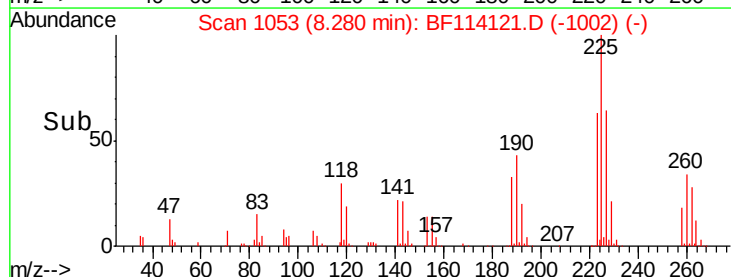
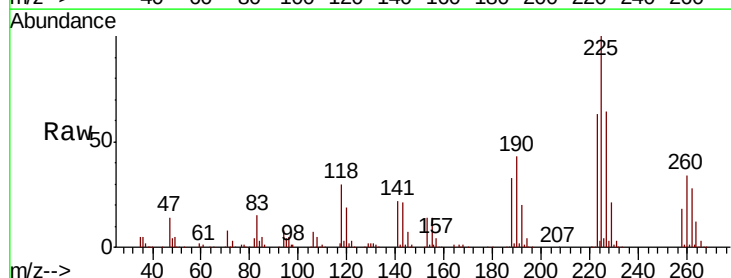
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.7	40.1
65	32.6	25.4	38.0
92	19.8	15.4	23.2

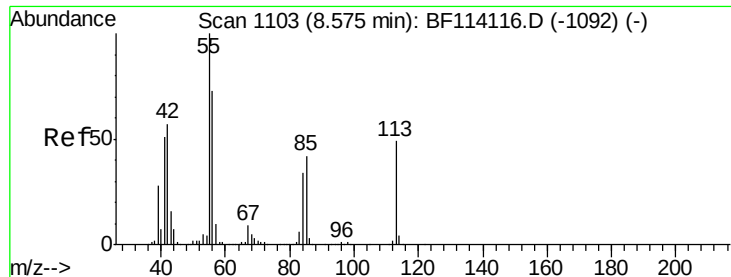


#34
Hexachlorobutadiene
Concen: 48.781 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion:225 Resp: 493280

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	63.9	52.6	79.0





#35

Caprolactam

Concen: 51.079 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

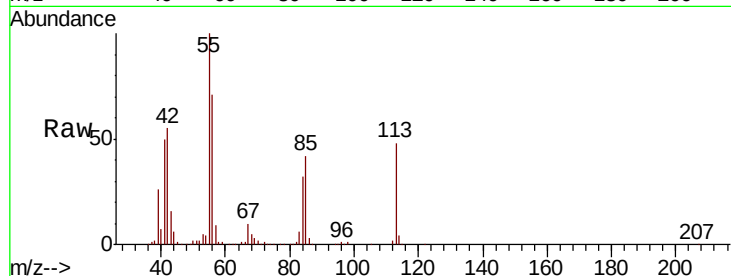
Tot Ion:113 Resp: 260594

Ion Ratio Lower Upper

113 100

55 206.9 183.5 223.5

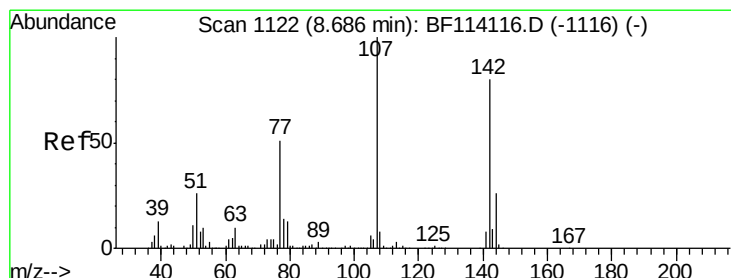
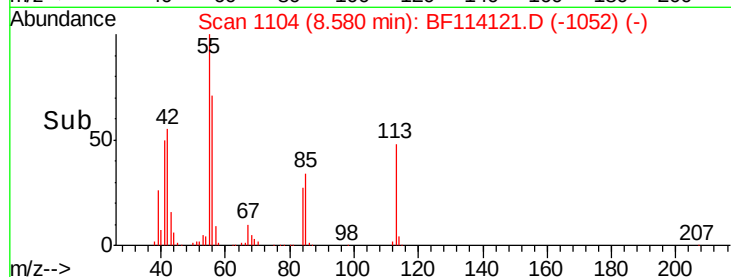
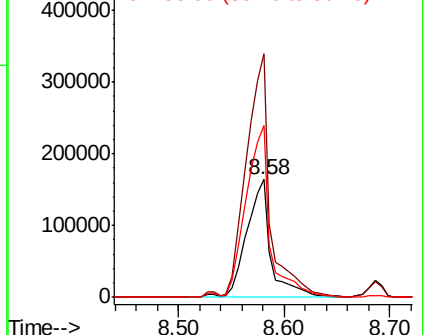
56 145.9 128.8 168.8



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: 49.053 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

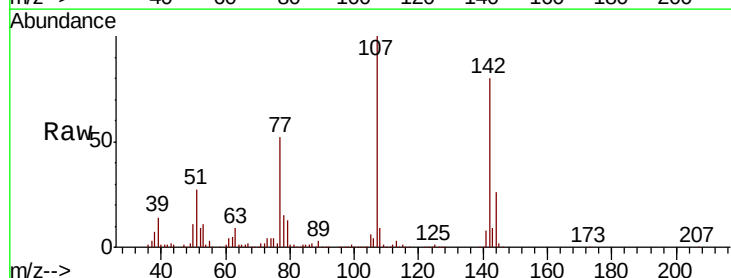
Tgt Ion:107 Resp: 783081

Ion Ratio Lower Upper

107 100

144 26.2 20.4 30.6

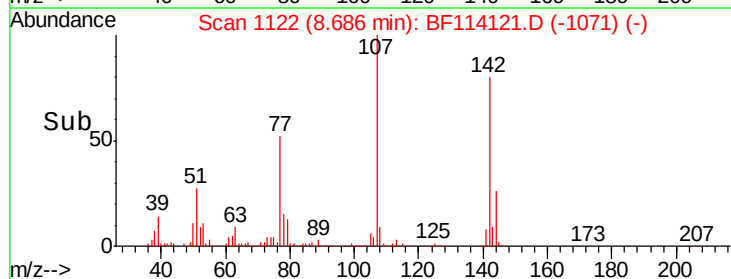
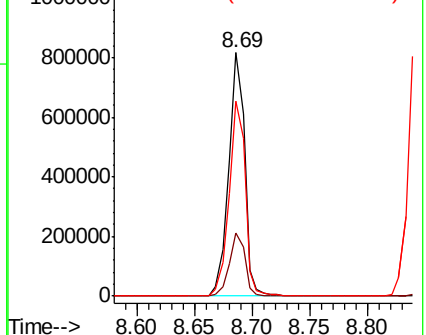
142 80.2 64.2 96.4

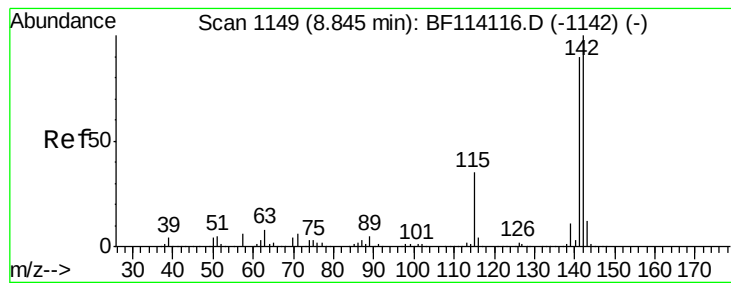


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

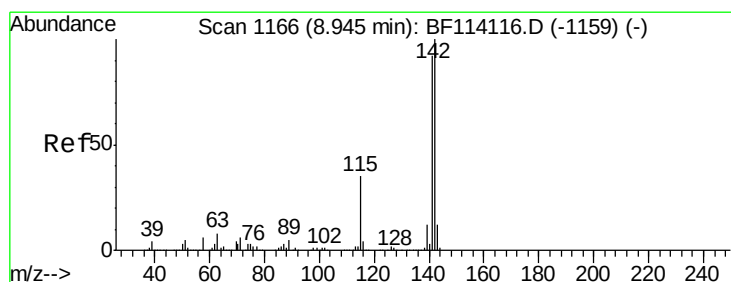
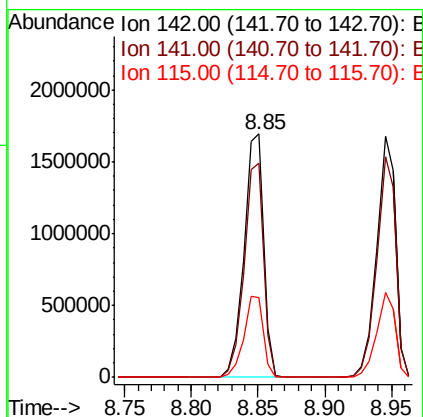
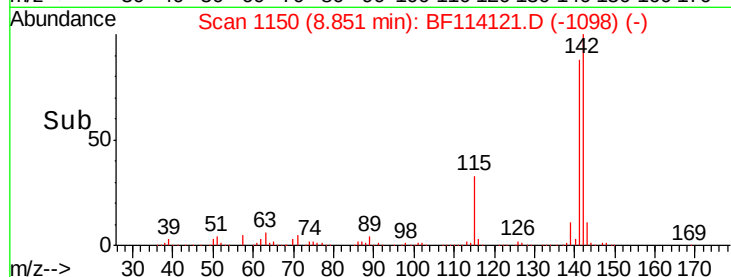
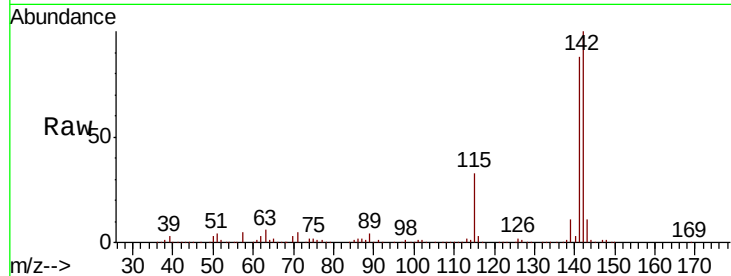




#37
2-Methylnaphthalene
Concen: 49.388 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

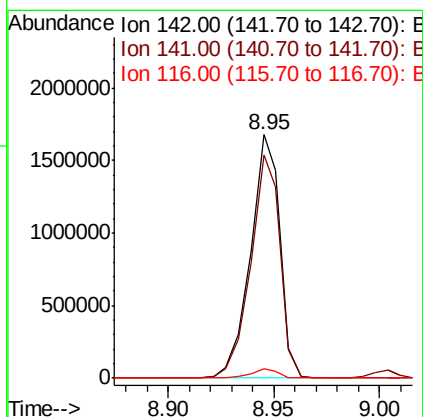
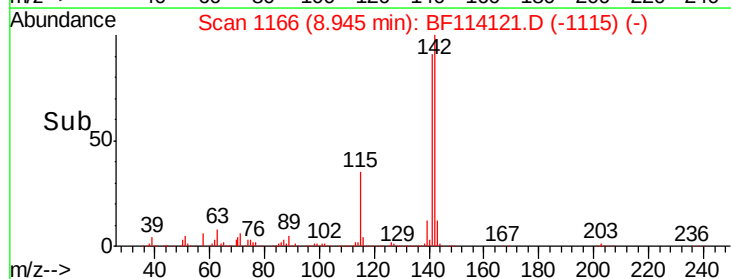
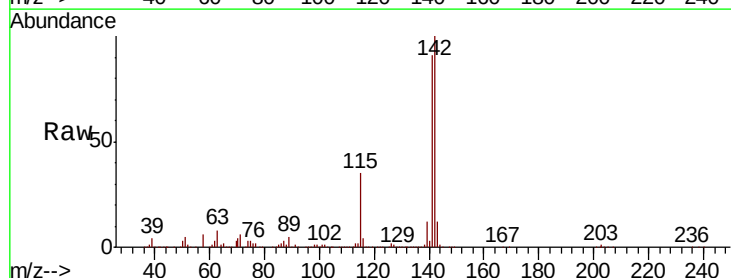
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

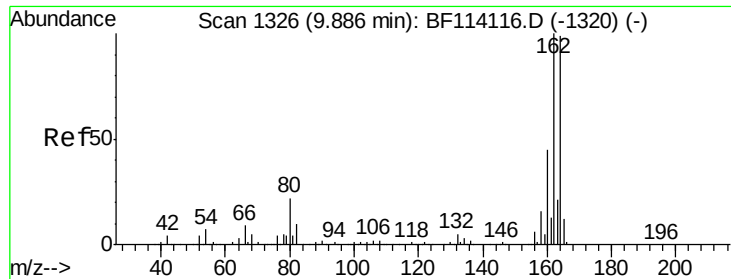
Tot Ion:142 Resp: 1709346
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1
115 32.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 49.707 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion:142 Resp: 1619007
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0
116 3.7 3.1 4.7

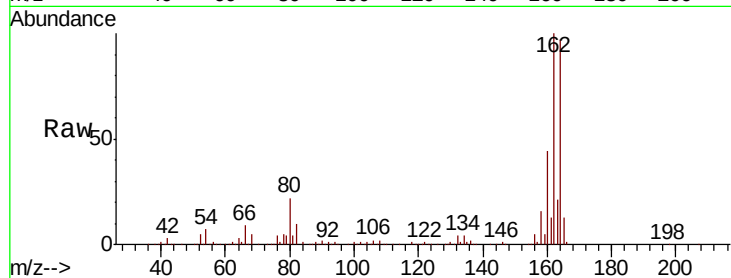




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	120.8
160	45.9	36.5	54.7

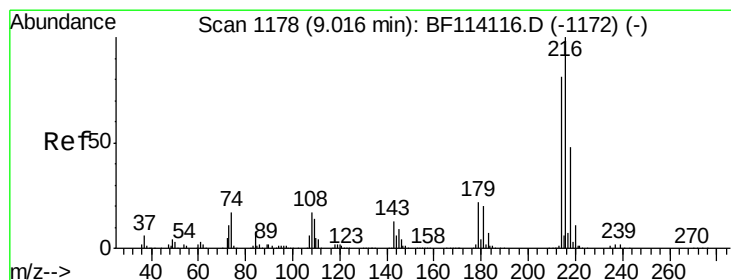
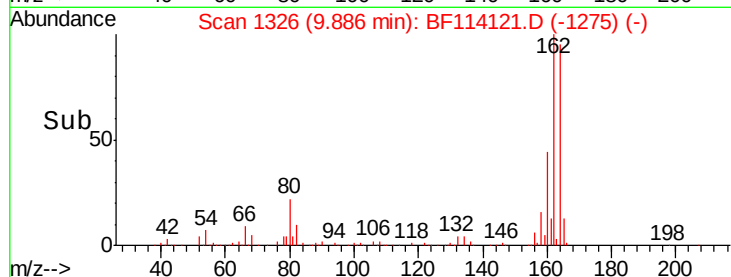
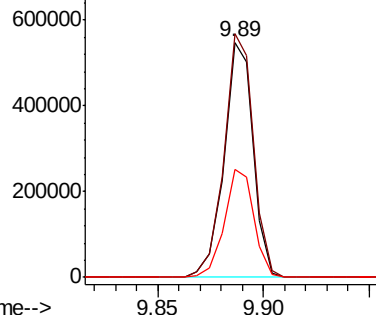


Abundance

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: 48.403 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.9	95.9
179	21.4	17.0	25.6
108	18.9	14.8	22.2

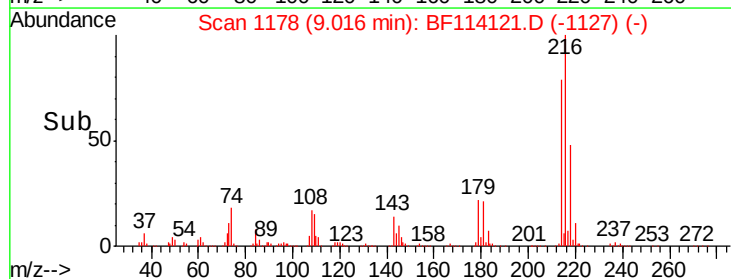
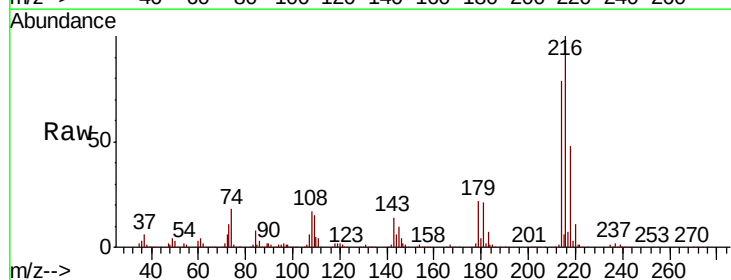
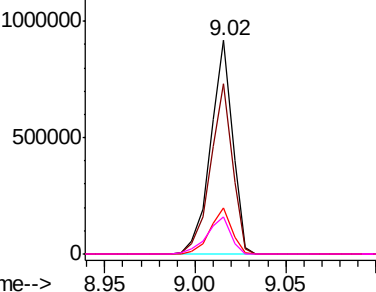
Abundance

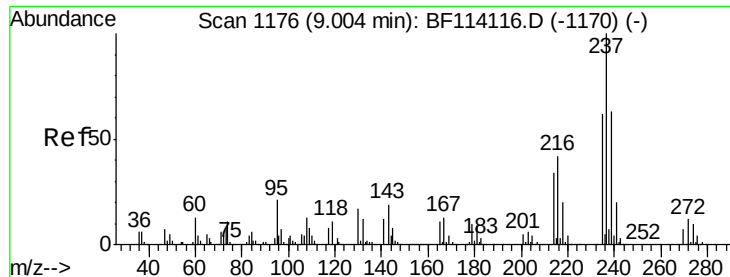
Ion 216.00 (215.70 to 216.70): E

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: 50.716 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

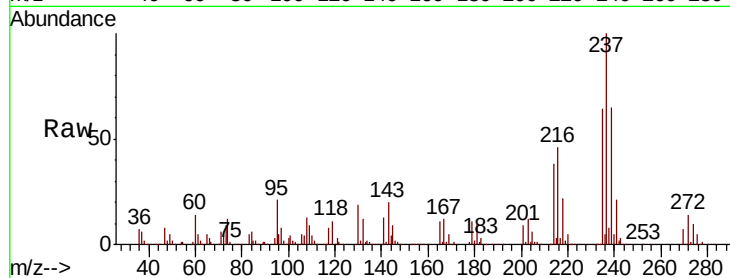
Tot Ion:237 Resp: 340823

Ion Ratio Lower Upper

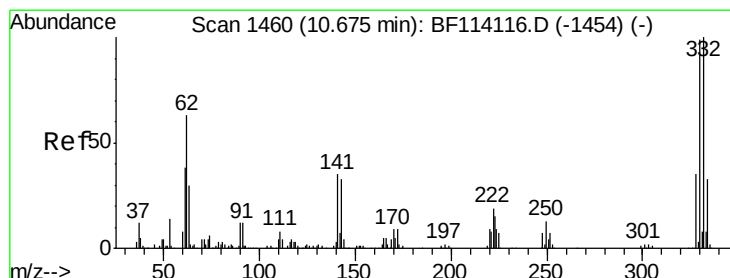
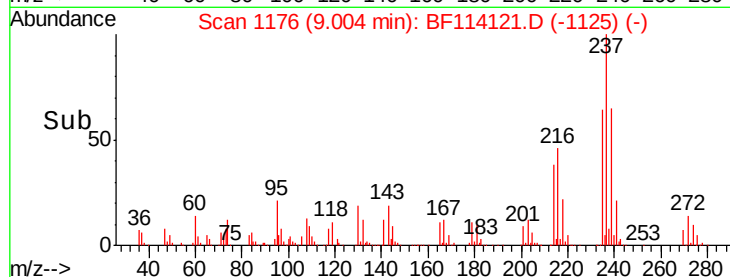
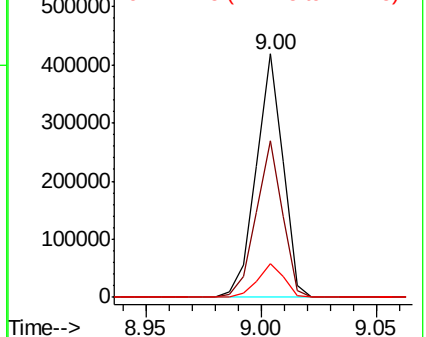
237 100

235 64.2 42.0 82.0

272 13.7 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: 108.033 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

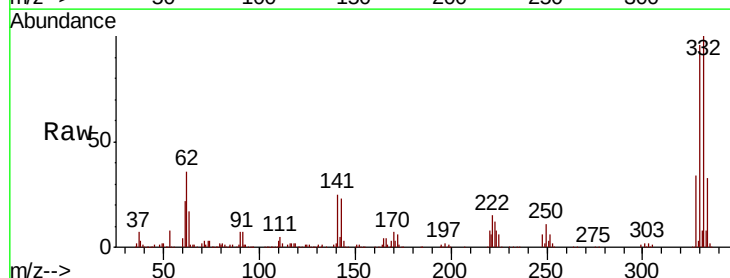
Tgt Ion:330 Resp: 555057

Ion Ratio Lower Upper

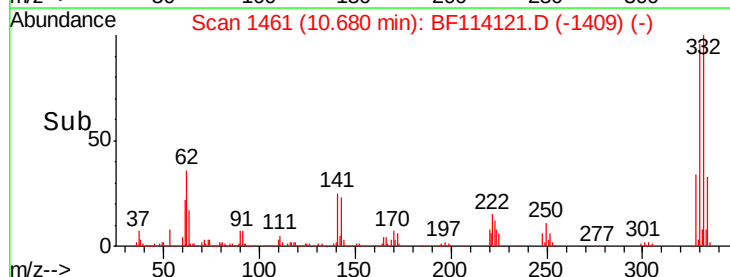
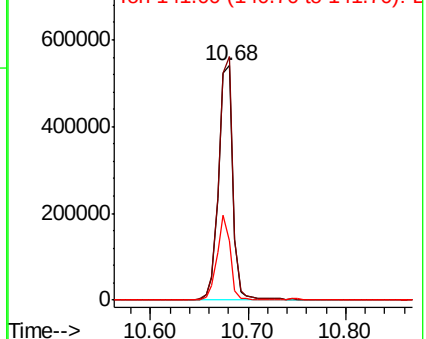
330 100

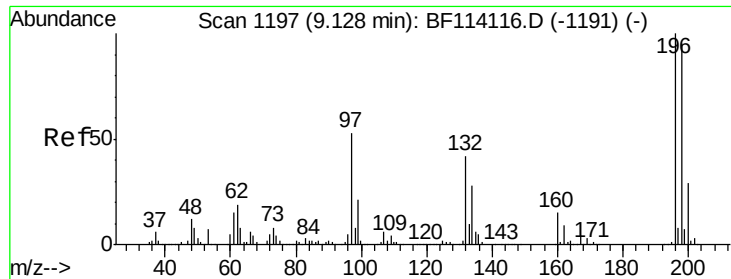
332 101.7 81.4 122.2

141 33.0 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

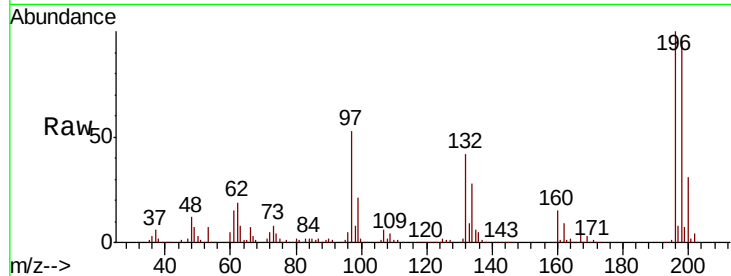




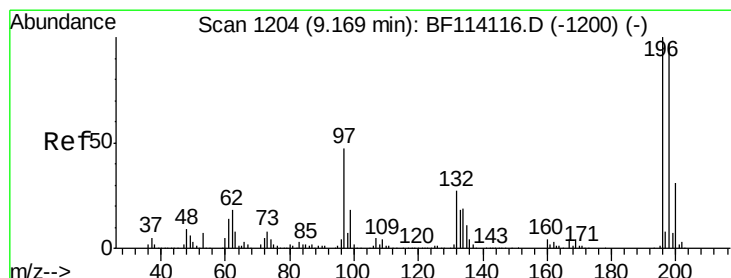
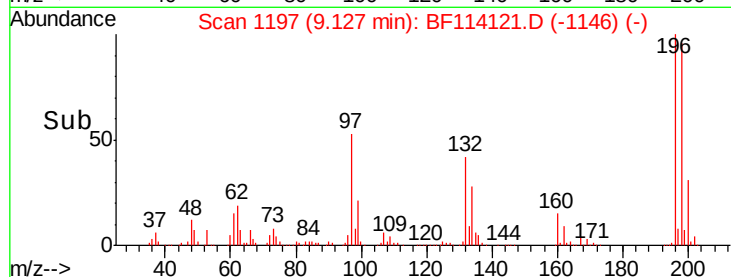
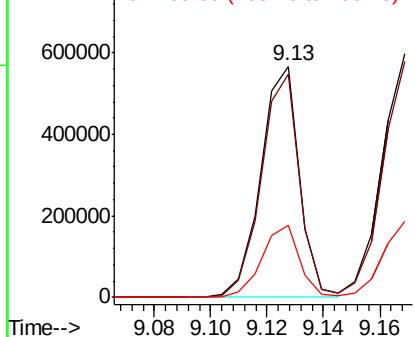
#43
 2,4,6-Trichlorophenol
 Concen: 48.819 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:196 Resp: 536031
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.9 113.9
 200 31.4 23.5 35.3

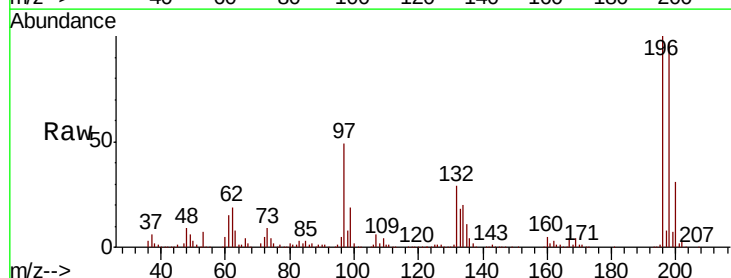


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

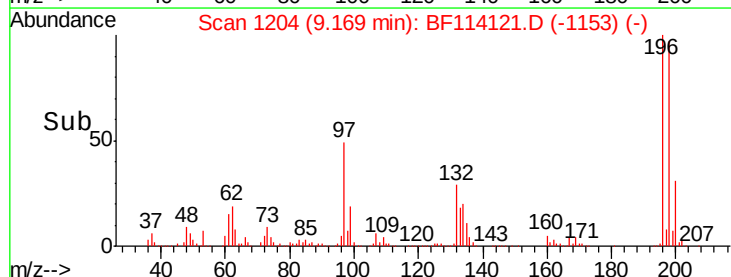
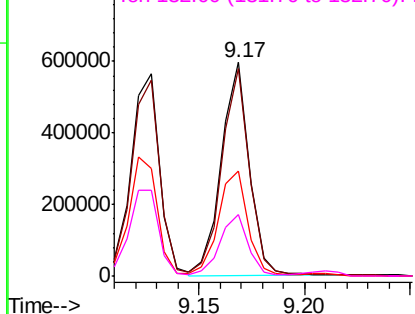


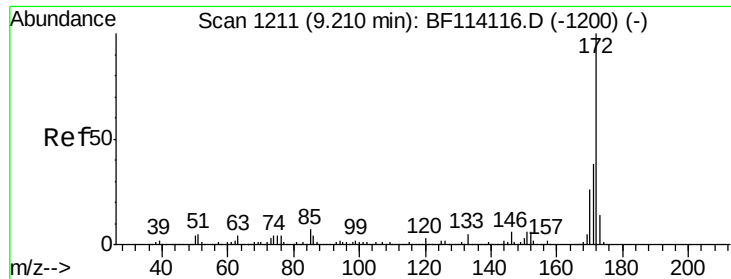
#44
 2,4,5-Trichlorophenol
 Concen: 48.530 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion:196 Resp: 546988
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.7 116.5
 97 49.4 38.2 57.2
 132 28.7 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

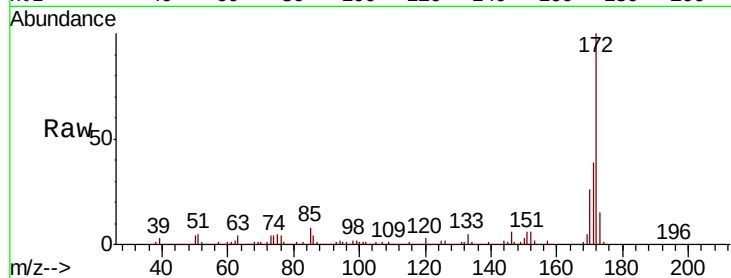




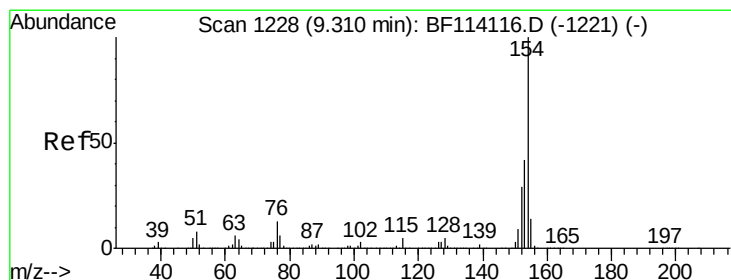
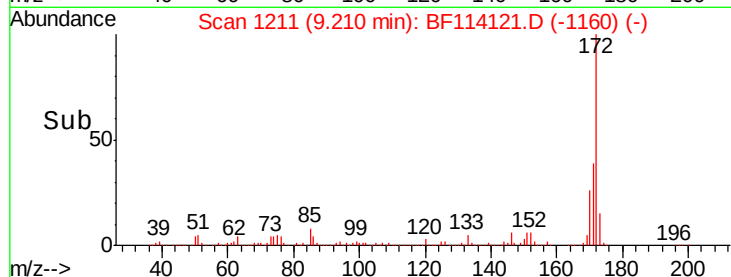
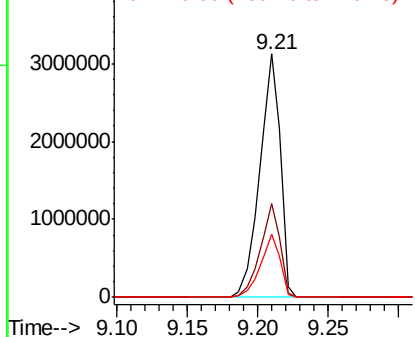
#45
2-Fluorobiphenyl
Concen: 96.147 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:172 Resp: 3216181
Ion Ratio Lower Upper
172 100
171 38.6 30.7 46.1
170 26.2 20.5 30.7

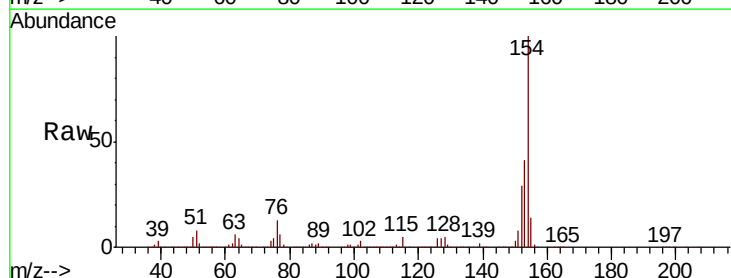


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

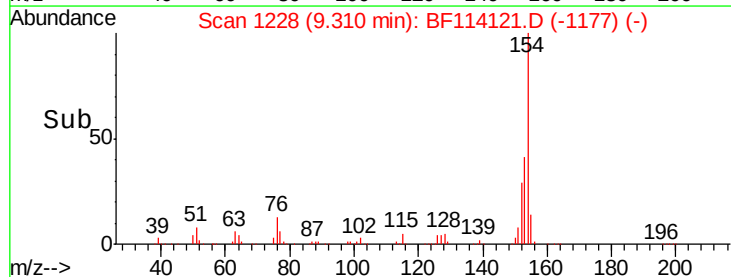
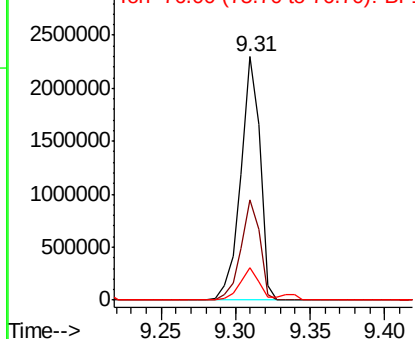


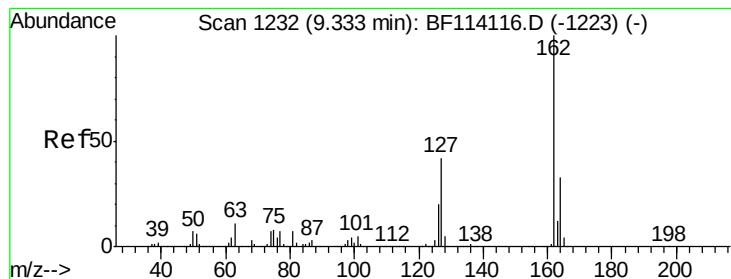
#46
1,1'-Biphenyl
Concen: 48.815 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion:154 Resp: 2067959
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 13.4 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: 48.583 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

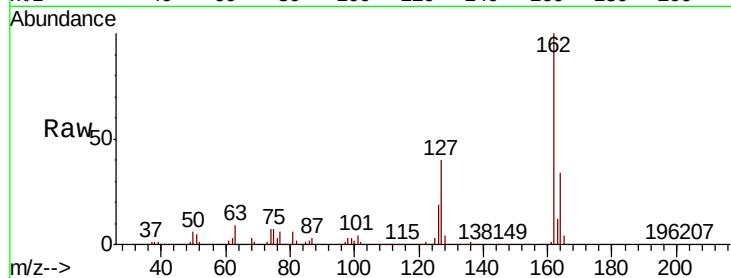
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:162 Resp: 1657202

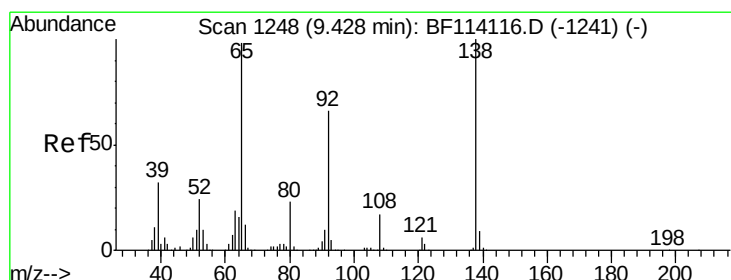
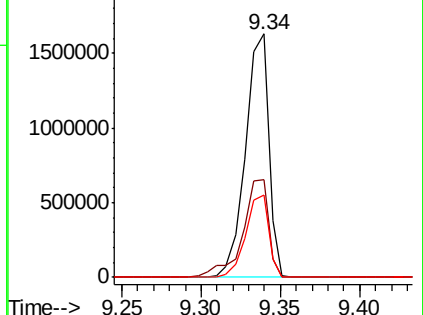
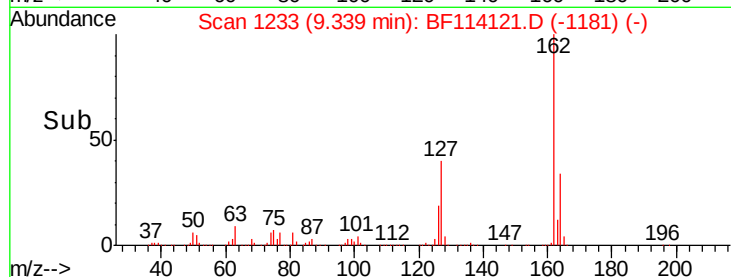
Ion	Ratio	Lower	Upper
162	100		
127	40.1	34.0	51.0
164	34.1	26.7	40.1



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: 49.189 ng

RT: 9.43 min Scan# 1248

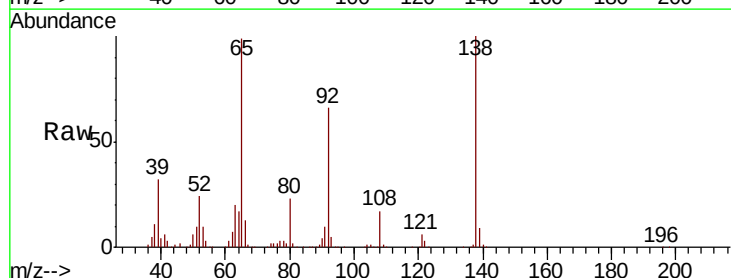
Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Tgt Ion: 65 Resp: 598071

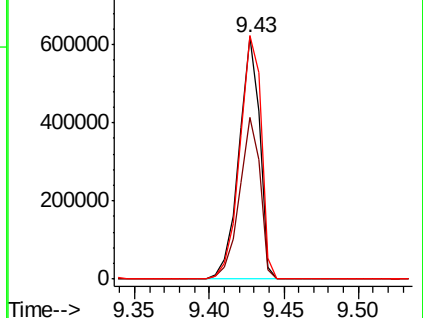
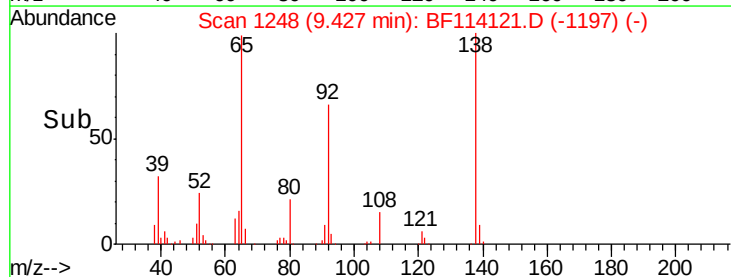
Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.9	80.9
138	100.5	81.4	122.0

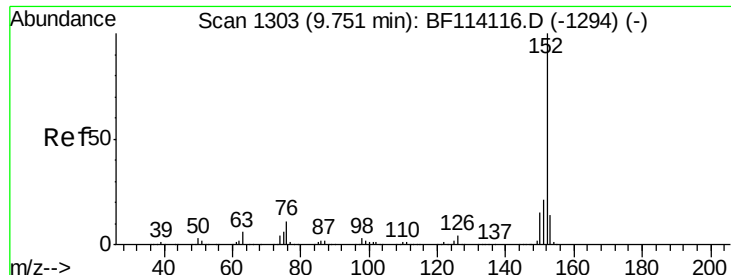


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.854 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

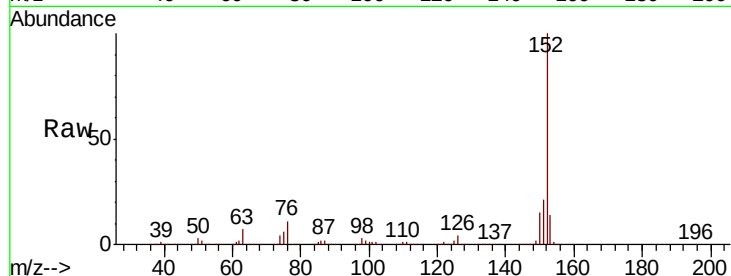
Tot Ion:152 Resp: 2535585

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

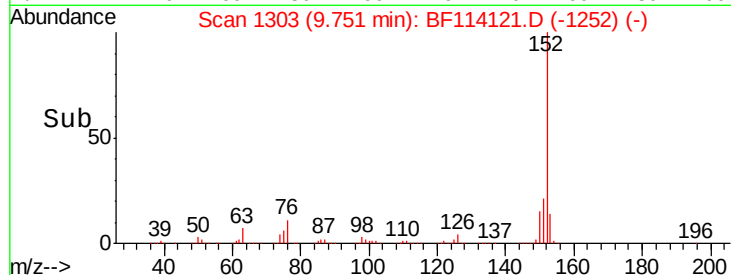
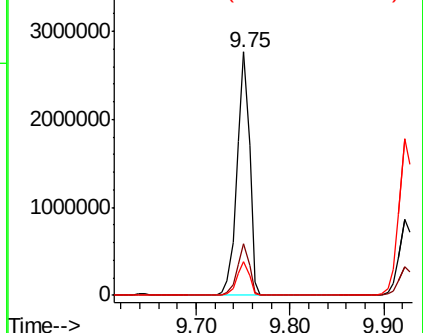
153 14.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.349 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

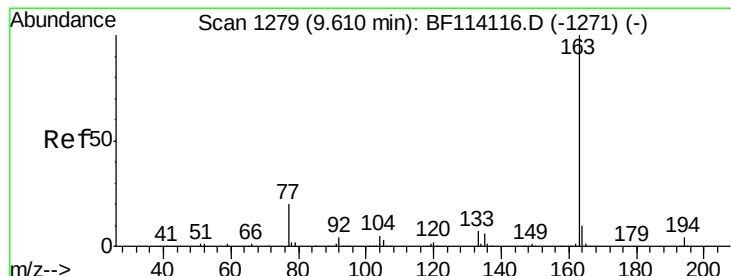
Tgt Ion:163 Resp: 1862744

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

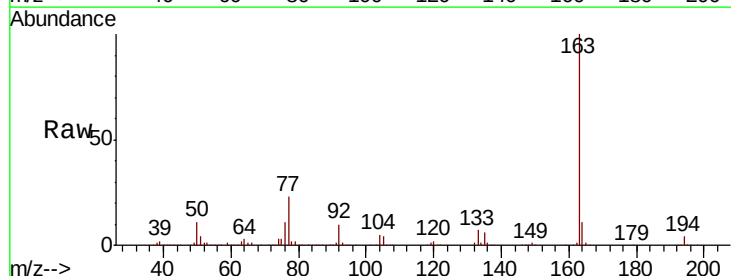
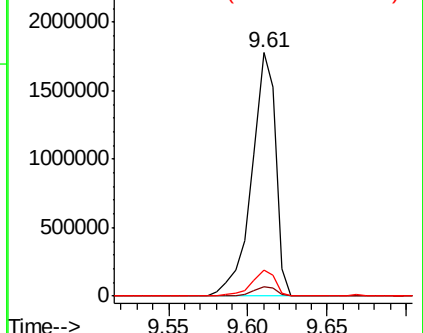
164 10.7 8.2 12.2

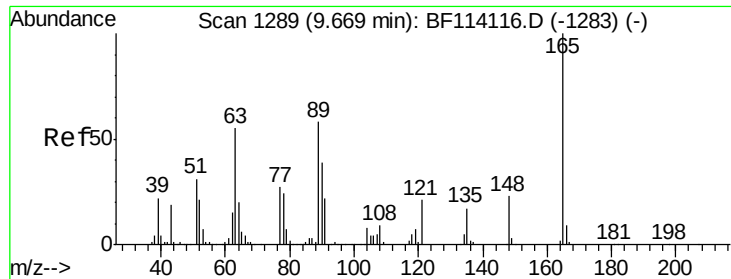


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

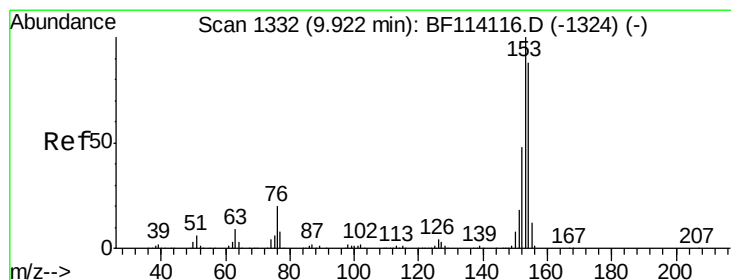
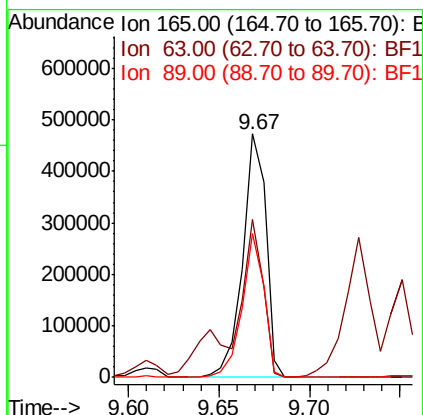
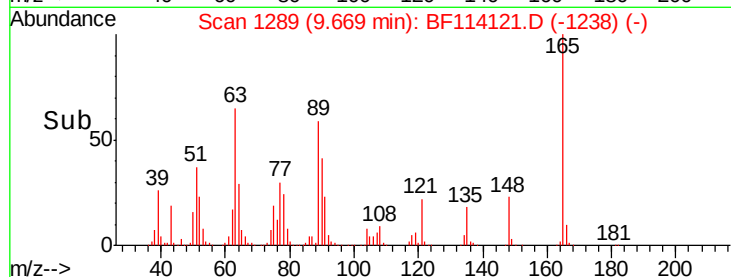
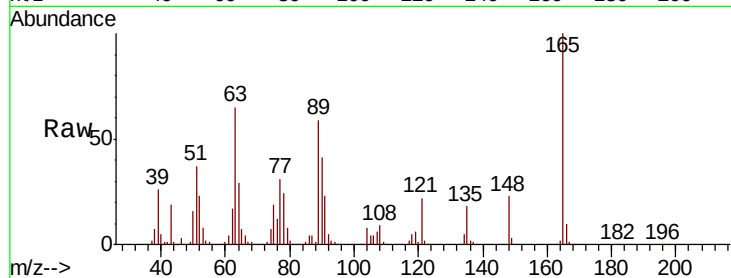




#51
 2,6-Dinitrotoluene
 Concen: 49.024 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

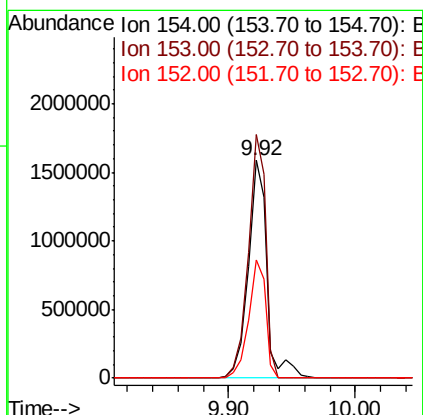
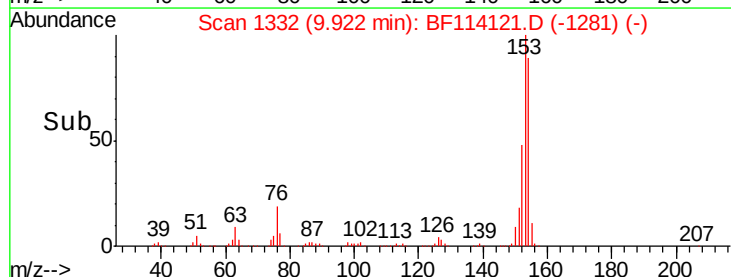
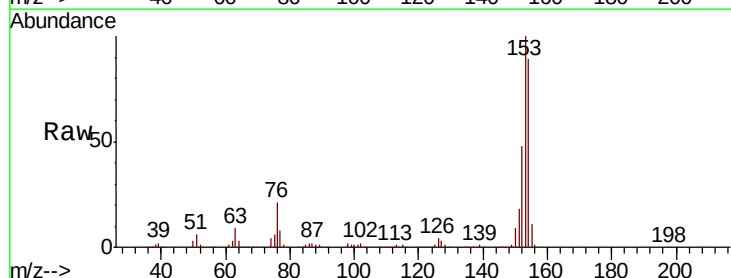
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

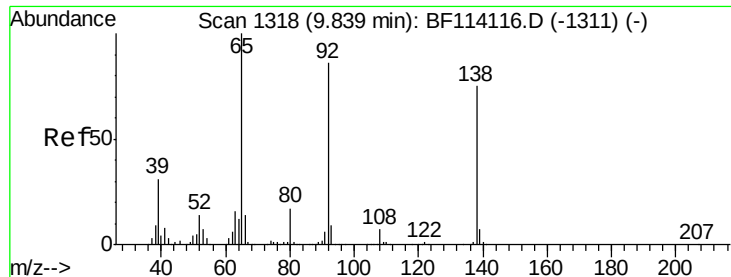
Tot Ion:165 Resp: 420575
 Ion Ratio Lower Upper
 165 100
 63 65.1 50.2 75.4
 89 59.1 46.6 69.8



#52
 Acenaphthene
 Concen: 50.746 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion:154 Resp: 1615821
 Ion Ratio Lower Upper
 154 100
 153 111.8 90.5 135.7
 152 54.1 43.4 65.2

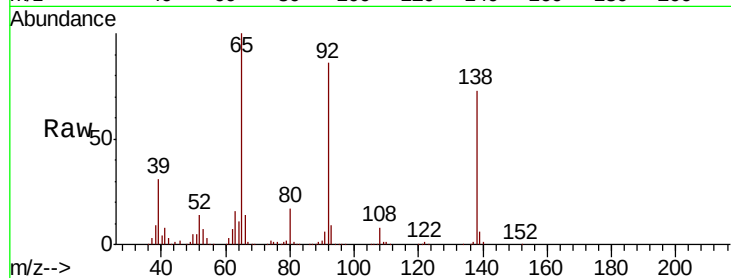




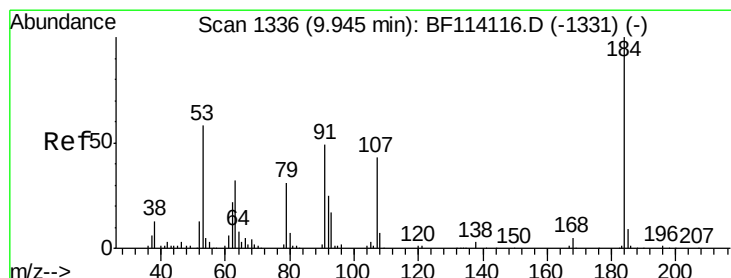
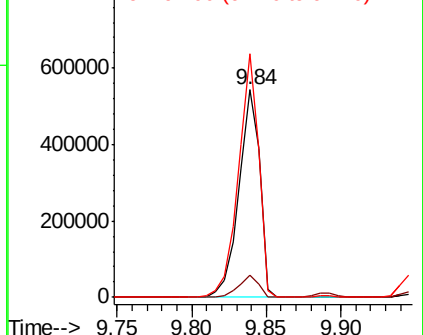
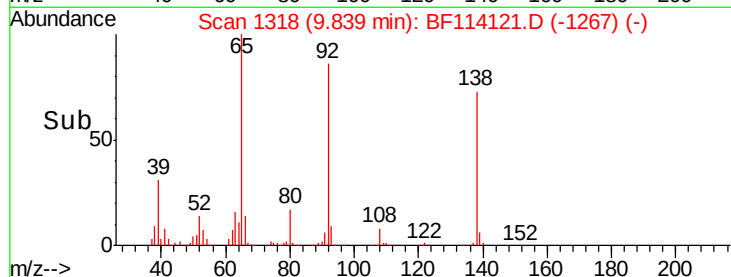
#53
3-Nitroaniline
Concen: 49.914 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:138 Resp: 530126
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.6
92 117.2 91.2 136.8

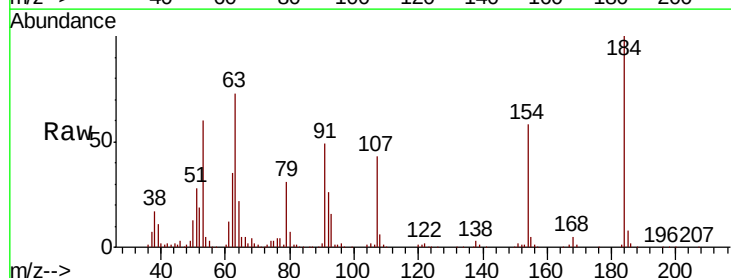


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

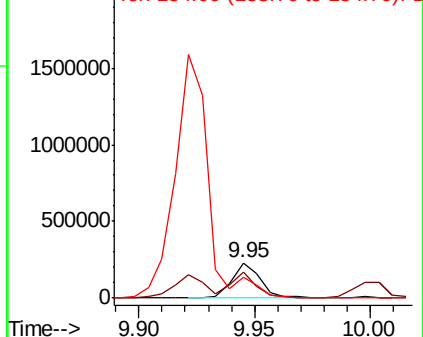
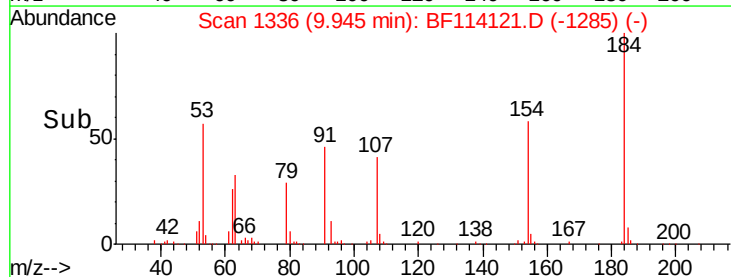


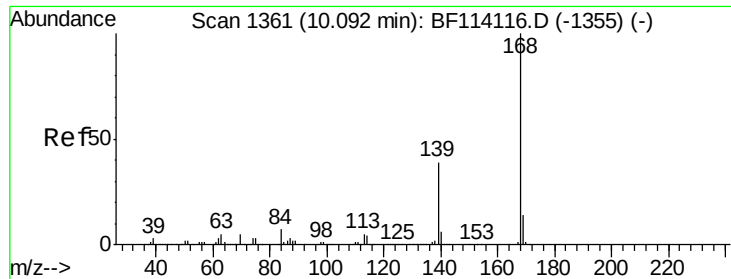
#54
2,4-Dinitrophenol
Concen: 52.599 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion:184 Resp: 202506
Ion Ratio Lower Upper
184 100
63 72.9 55.6 83.4
154 58.1 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: 48.153 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

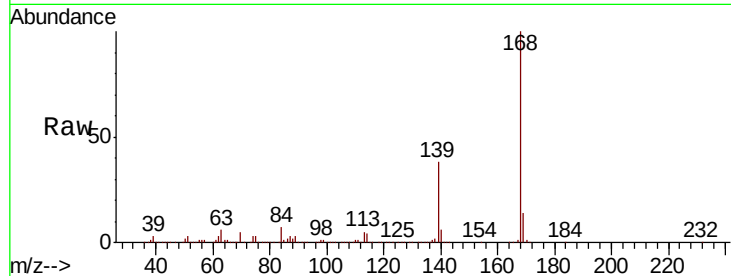
Tot Ion:168 Resp: 2242686

Ion Ratio Lower Upper

168 100

139 37.9 31.1 46.7

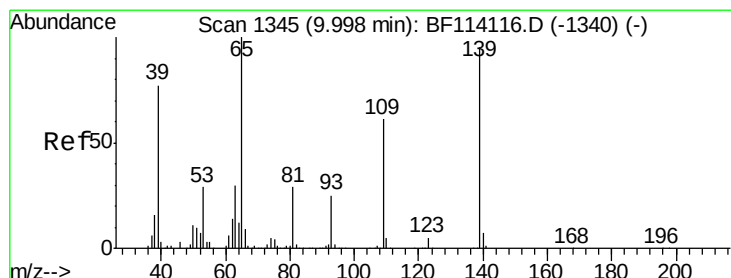
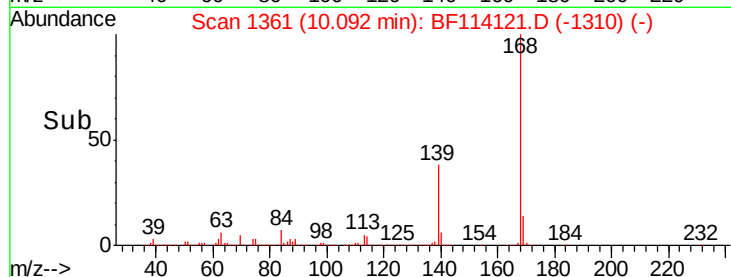
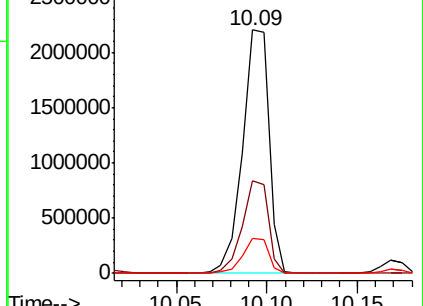
169 14.2 11.4 17.0



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: 49.025 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

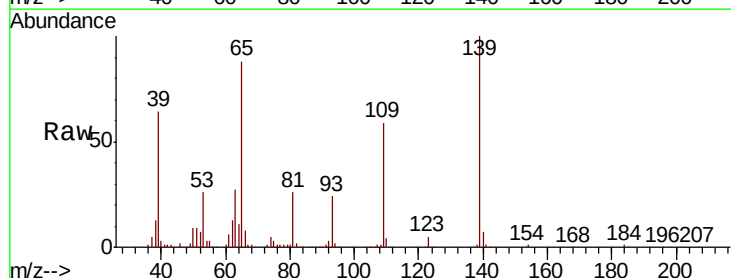
Tgt Ion:139 Resp: 369429

Ion Ratio Lower Upper

139 100

109 59.3 43.9 83.9

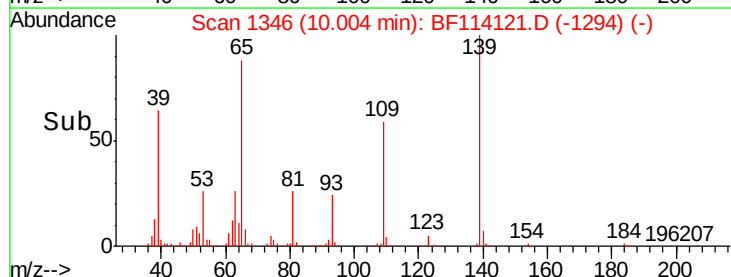
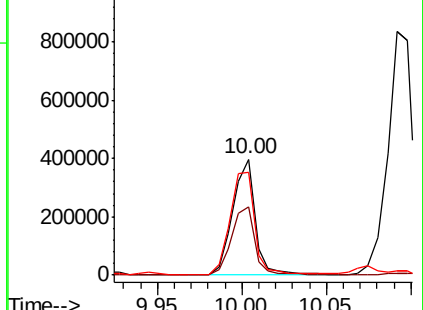
65 88.3 85.7 125.7

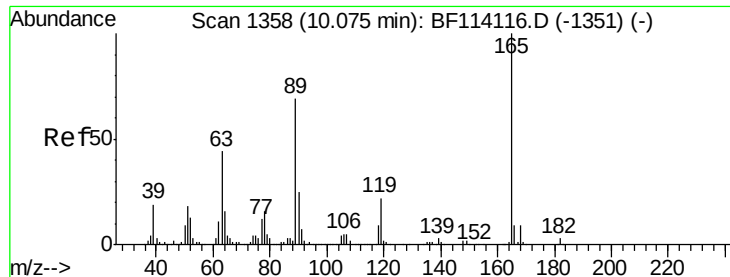


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 48.734 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:165 Resp: 567416

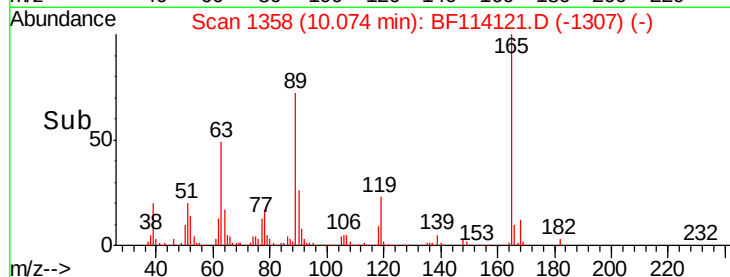
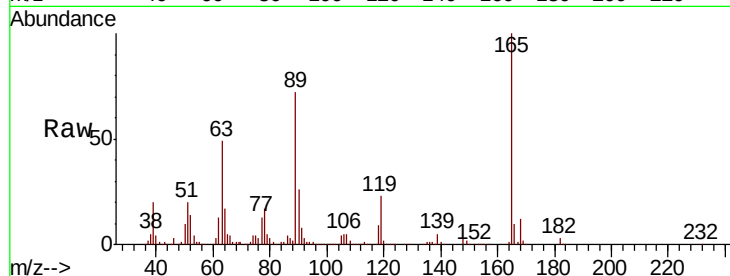
Ion Ratio Lower Upper

165 100

63 48.9 35.5 53.3

89 72.1 55.2 82.8

182 2.6 2.2 3.2

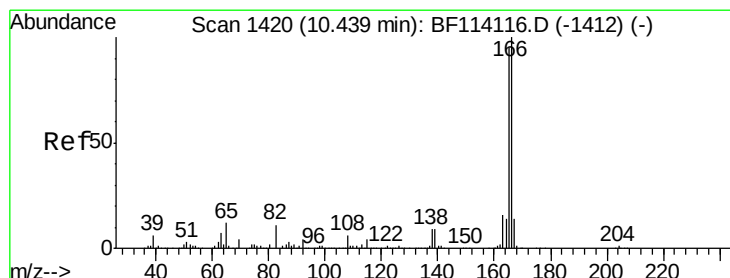
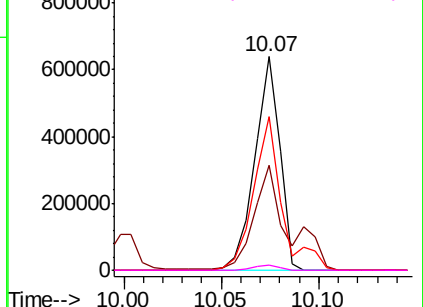


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 48.084 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

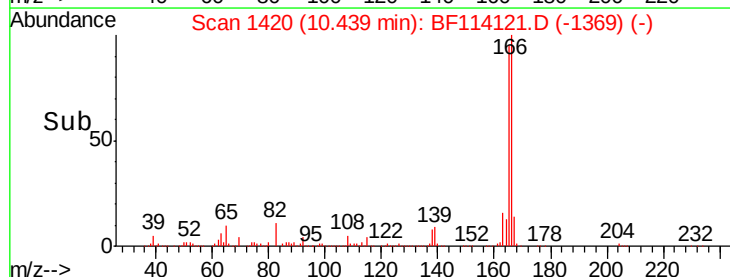
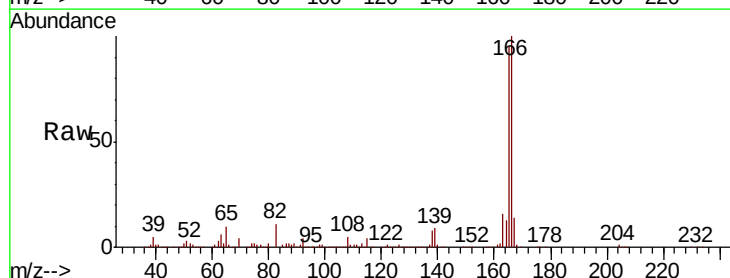
Tgt Ion:166 Resp: 1727240

Ion Ratio Lower Upper

166 100

165 94.6 76.1 114.1

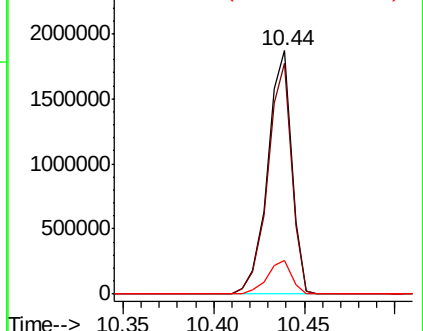
167 13.8 11.1 16.7

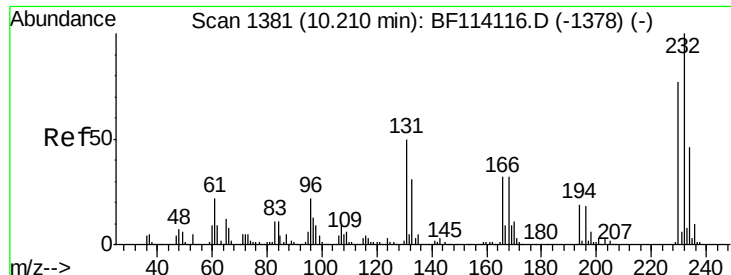


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

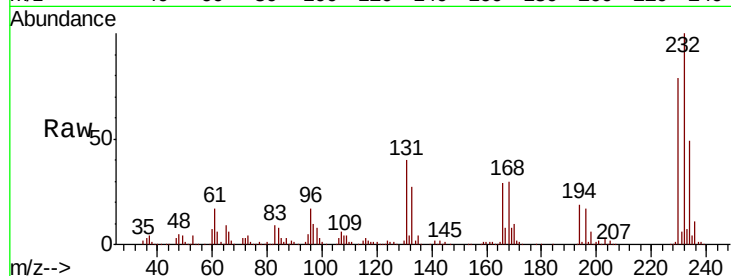




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.809 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.6	53.4
130	2.2	1.6	2.4
166	30.0	24.1	36.1



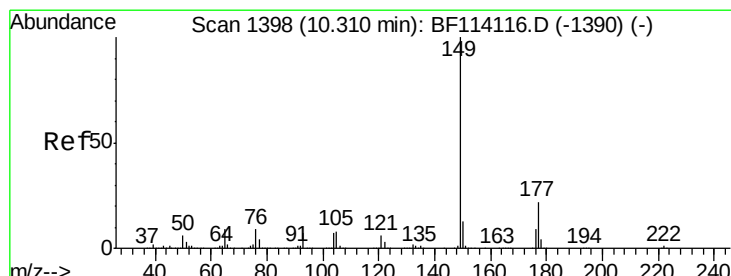
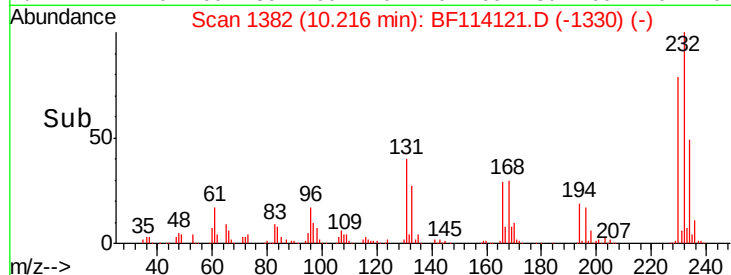
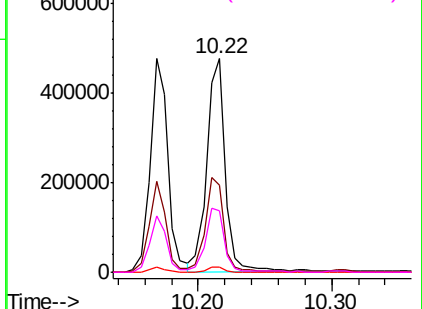
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

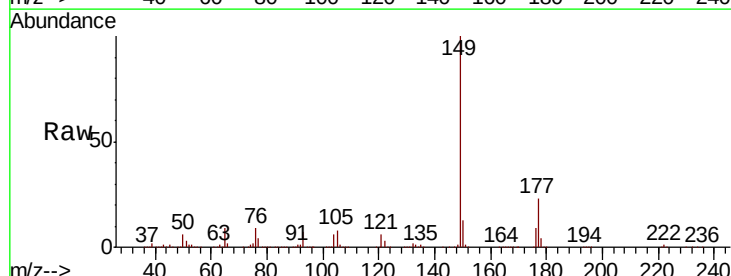
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 47.386 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.8	26.6
150	12.7	10.2	15.2

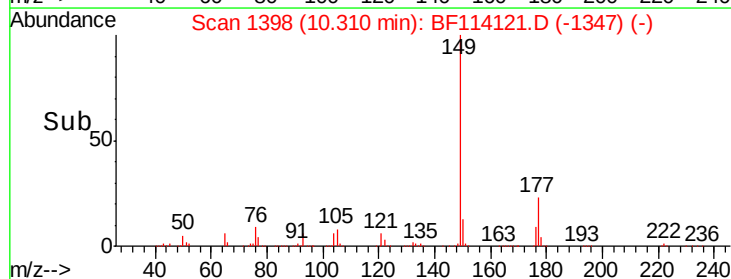
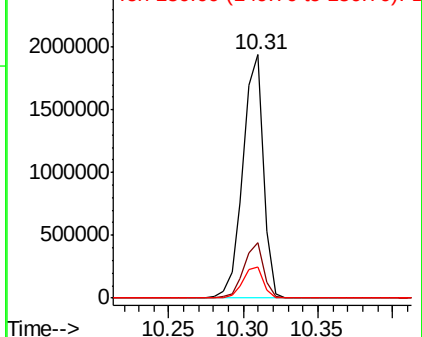


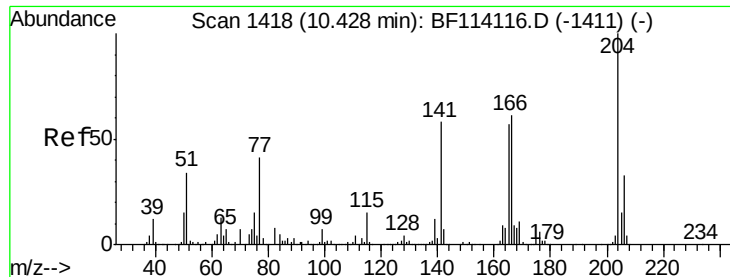
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

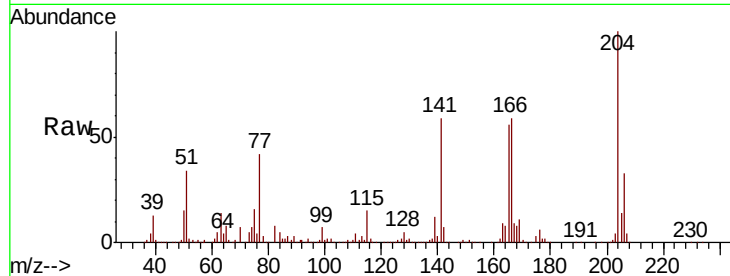




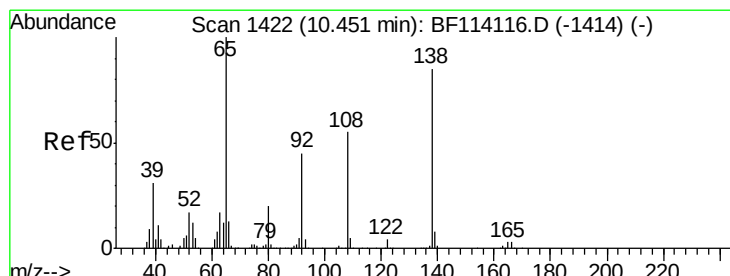
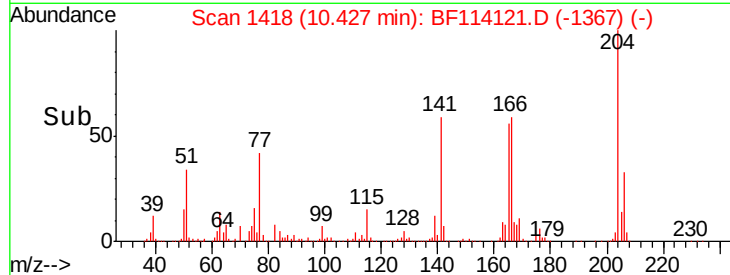
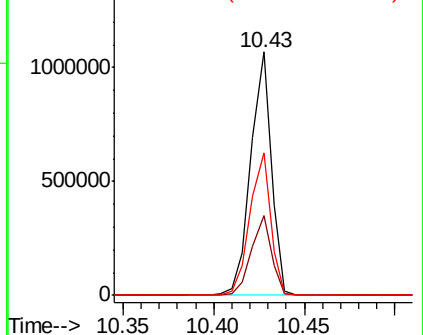
#61
 4-Chlorophenyl-phenylether
 Concen: 48.049 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	204	Resp:	848157
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	58.6	46.4	69.6

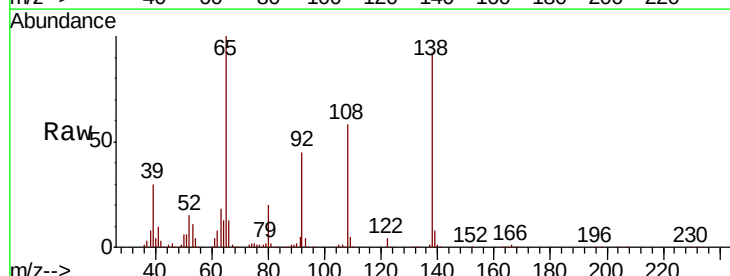


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

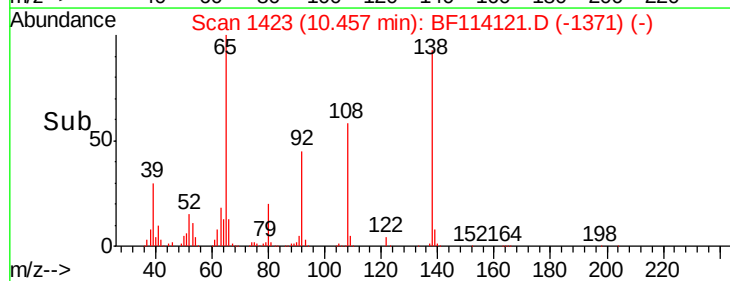
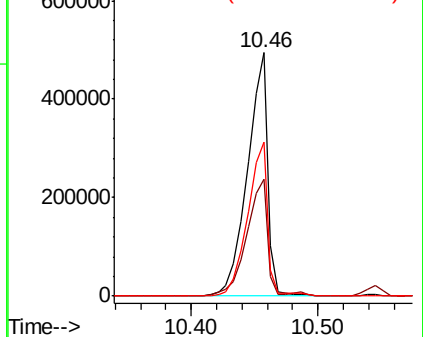


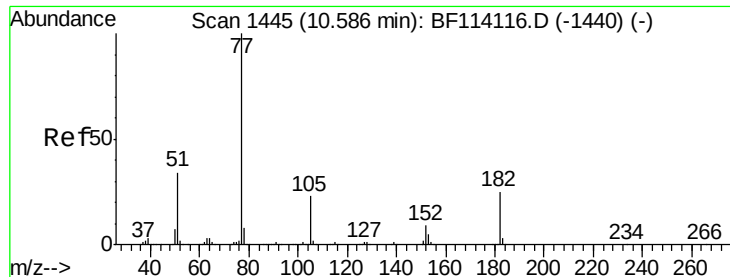
#62
 4-Nitroaniline
 Concen: 49.865 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion:	138	Resp:	553567
Ion	Ratio	Lower	Upper
138	100		
92	48.2	33.0	73.0
108	63.1	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: 50.406 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 1853867

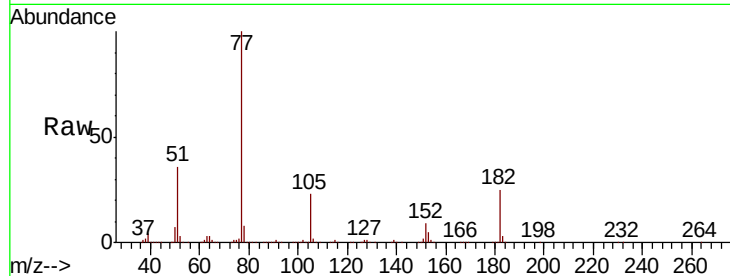
Ion Ratio Lower Upper

77 100

182 25.2 4.7 44.7

105 23.1 2.9 42.9

51 36.0 14.6 54.6

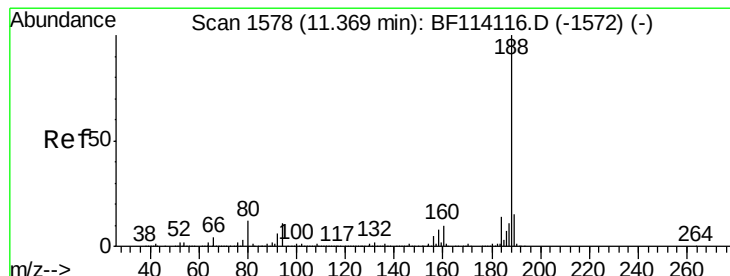
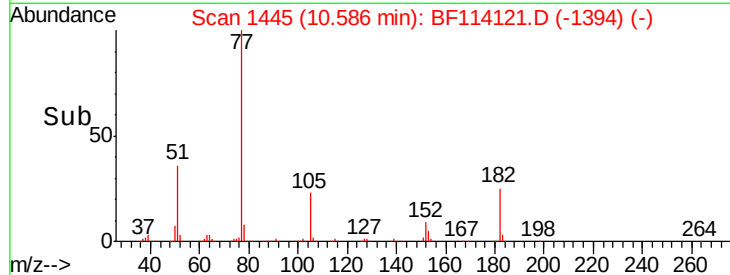
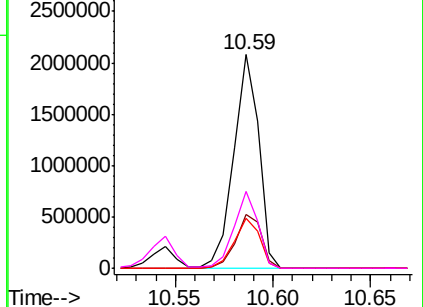


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

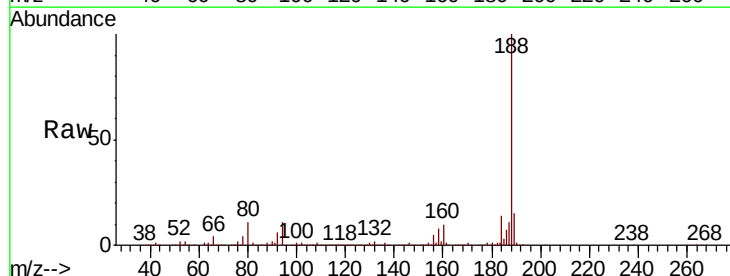
Tgt Ion: 188 Resp: 1090613

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

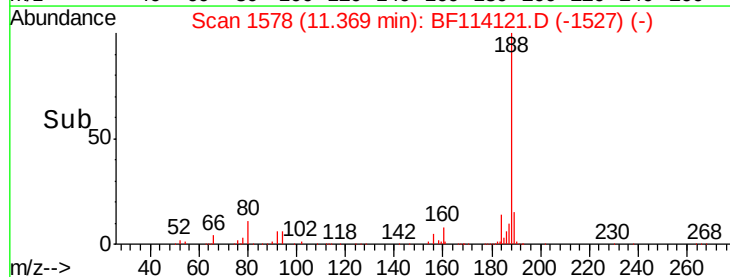
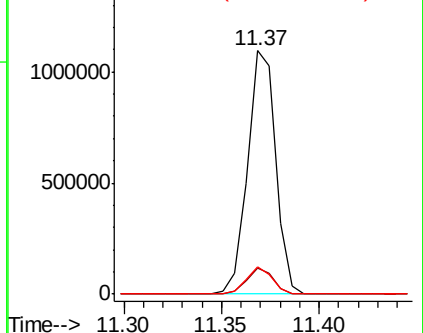
80 11.3 9.2 13.8

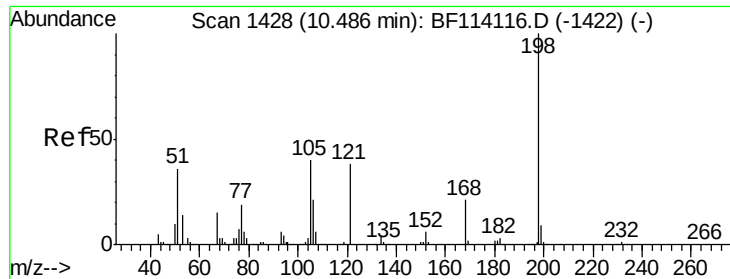


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

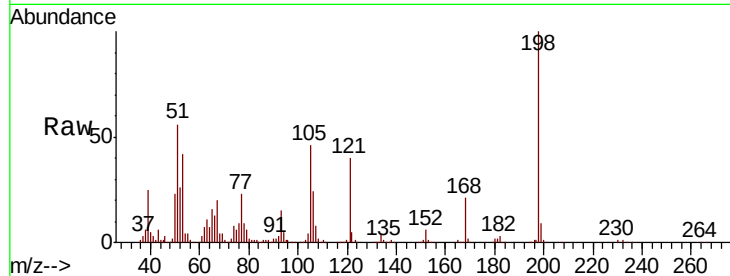




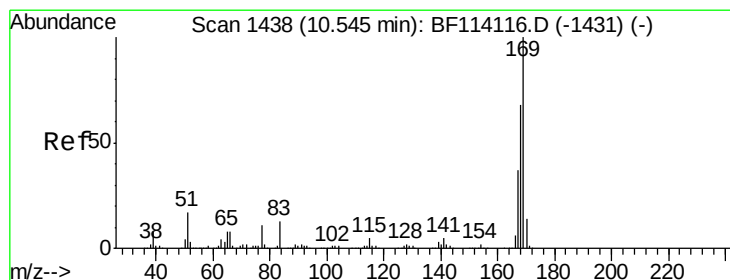
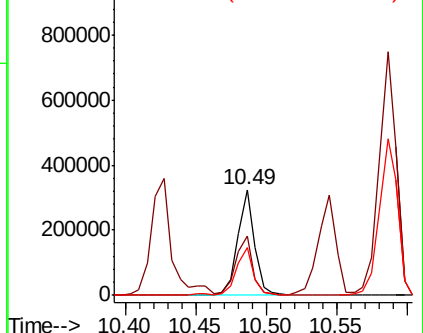
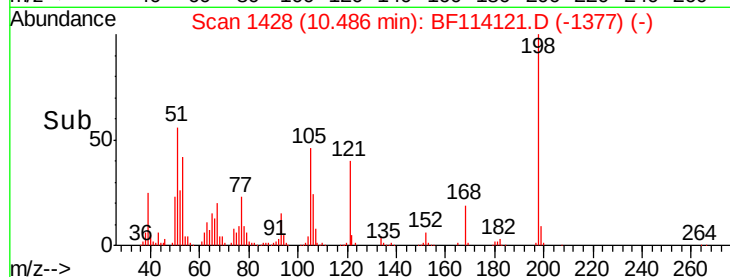
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.350 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.9	28.0	68.0
105	45.5	21.1	61.1

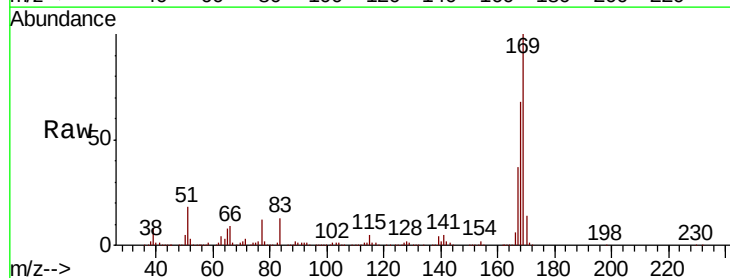


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

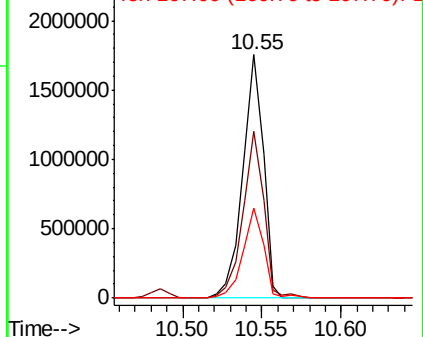
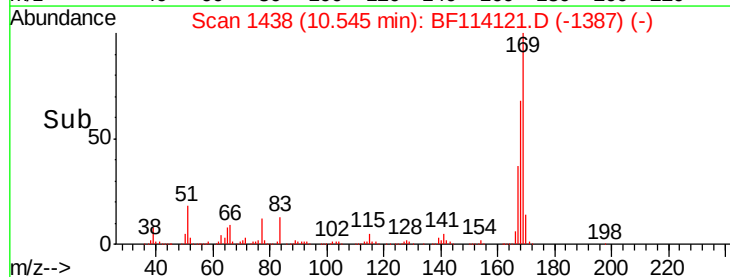


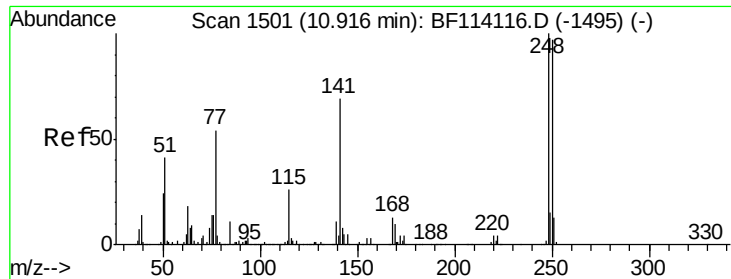
#66
 n-Nitrosodiphenylamine
 Concen: 45.404 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.2	81.2
167	36.9	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

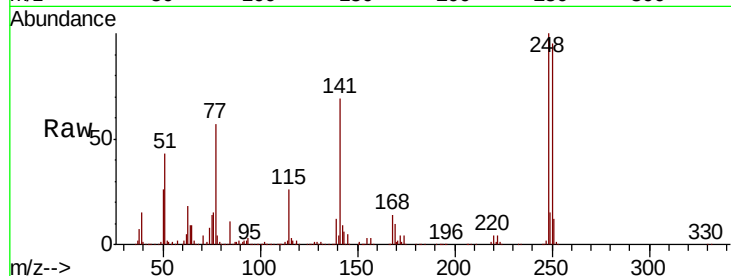




#67
4-Bromophenyl-phenylether
Concen: 50.242 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.4	116.2
141	69.4	55.6	83.4

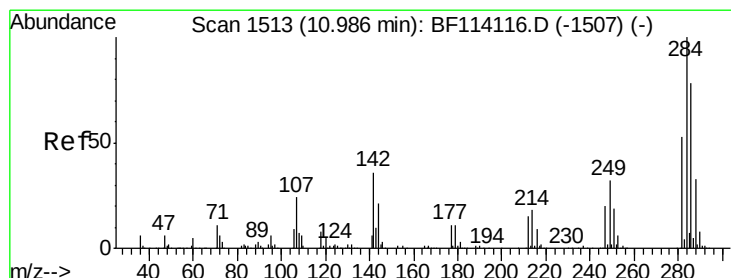
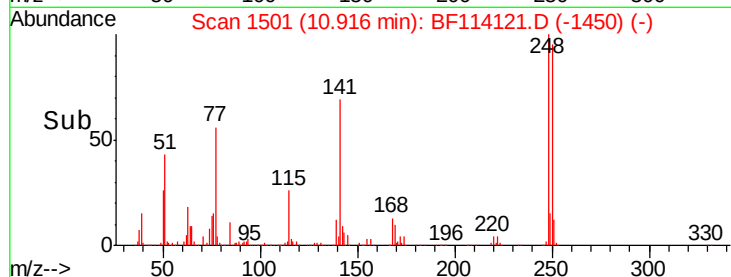
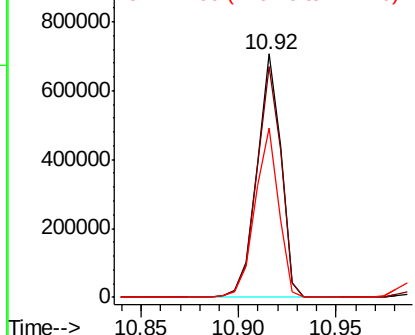


Abundance

Ion 248.00 (247.70 to 248.70): E

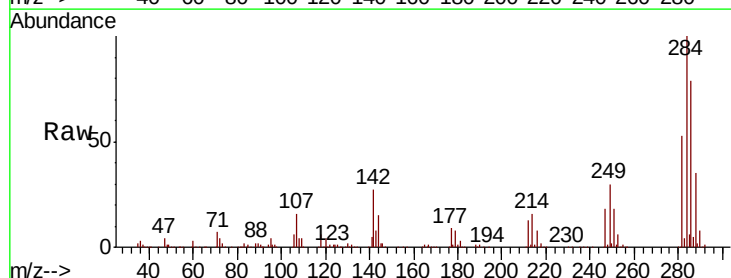
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.379 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	28.4	42.6#
249	29.6	25.2	37.8

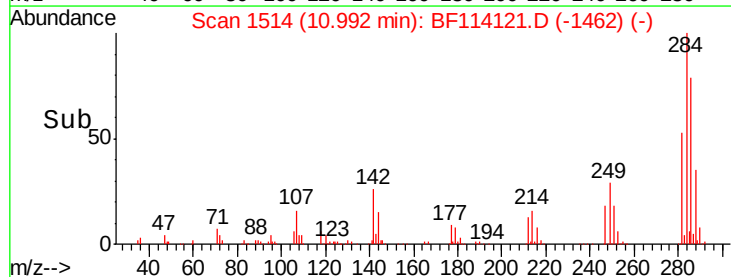
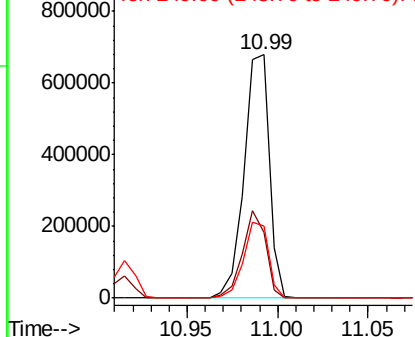


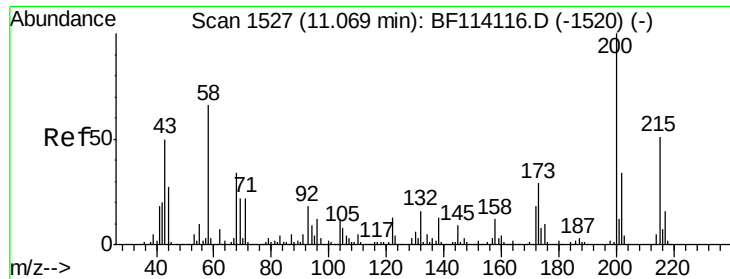
Abundance

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

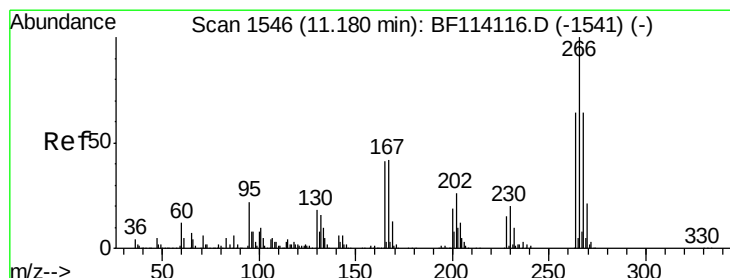
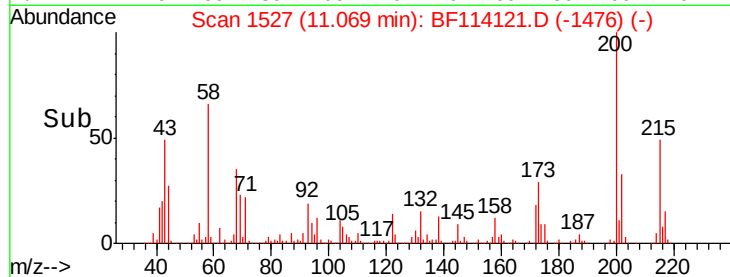
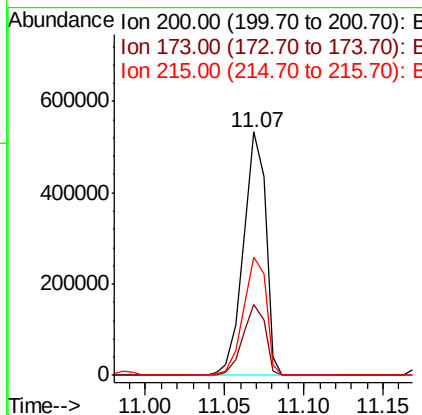
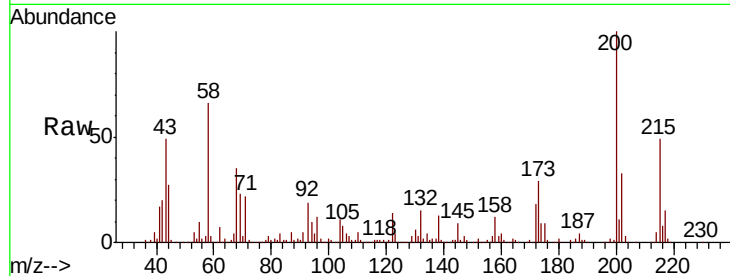




#69
 Atrazine
 Concen: 50.599 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

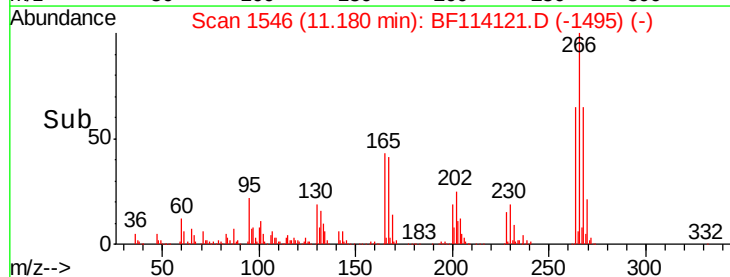
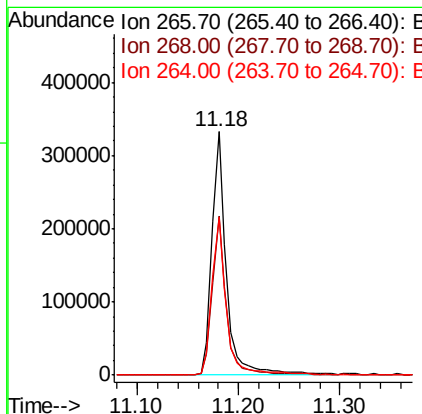
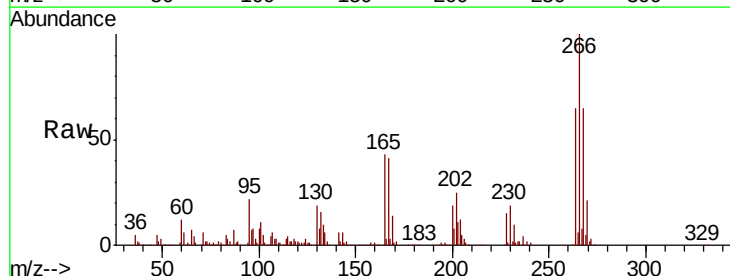
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

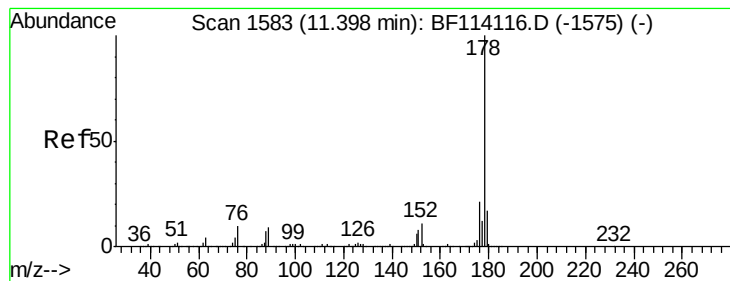
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.9	48.9
215	48.6	30.7	70.7



#70
 Pentachlorophenol
 Concen: 53.052 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	64.8	51.1	76.7





#71

Phenanthrene

Concen: 47.769 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

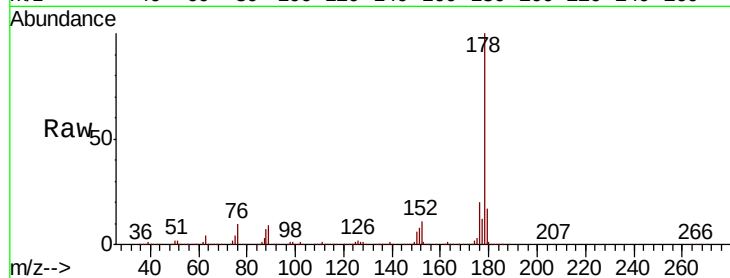
Tot Ion:178 Resp: 2561875

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

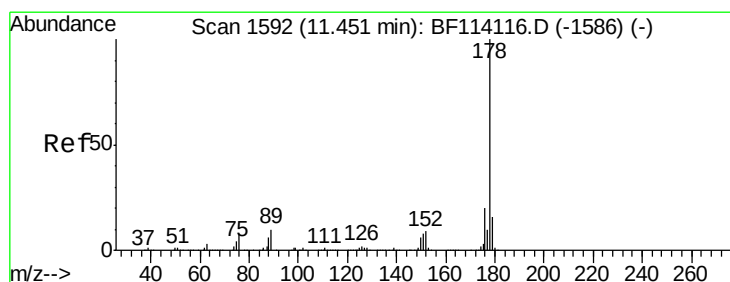
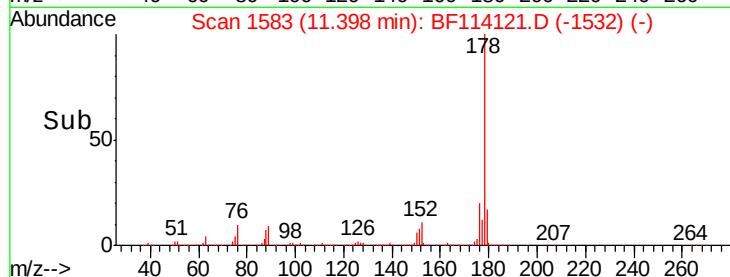
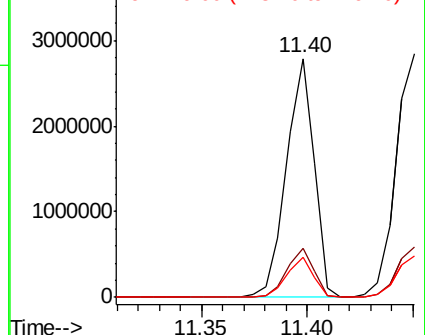
179 16.7 13.2 19.8



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: 48.066 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

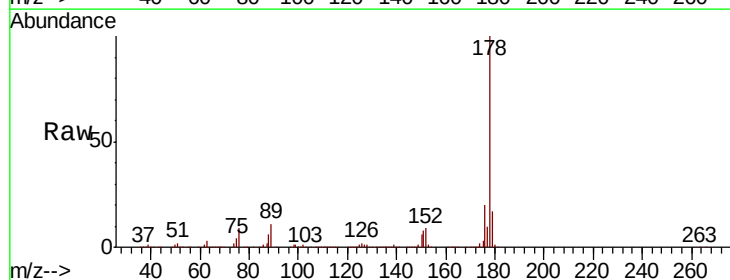
Tgt Ion:178 Resp: 2589166

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

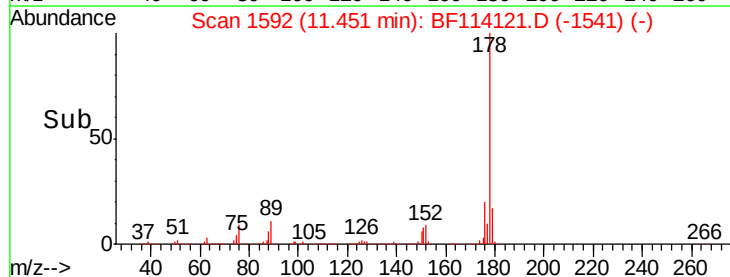
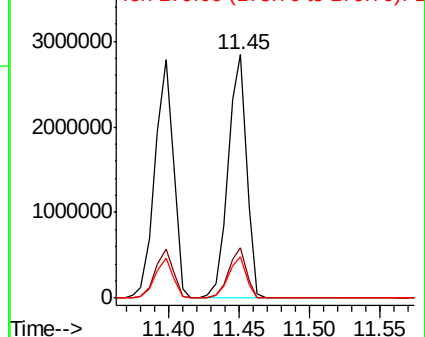
179 16.8 13.0 19.4

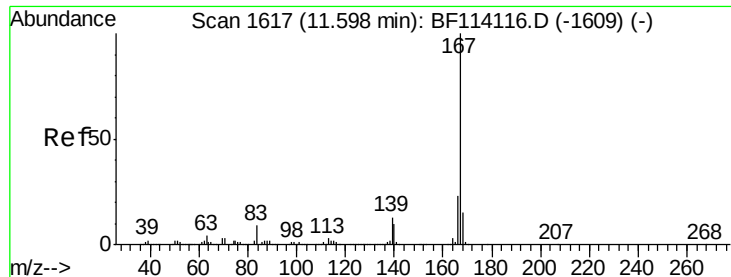


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

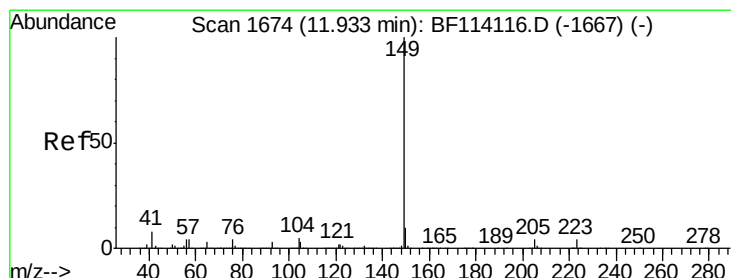
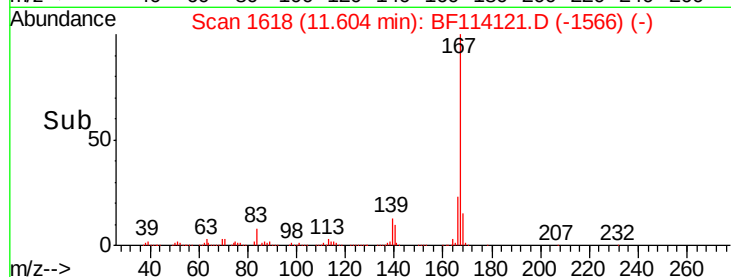
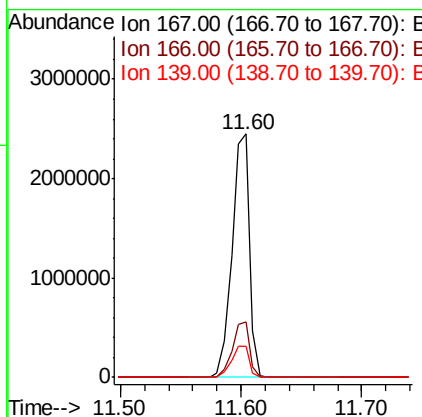
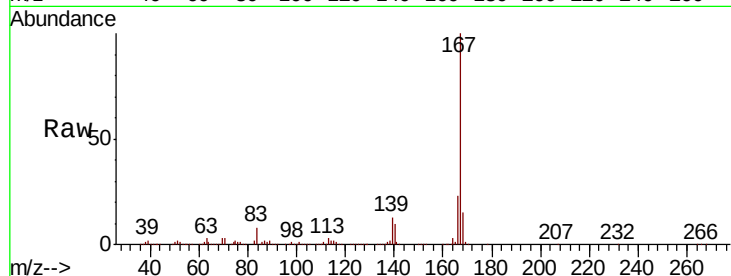




#73
 Carbazole
 Concen: 47.931 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

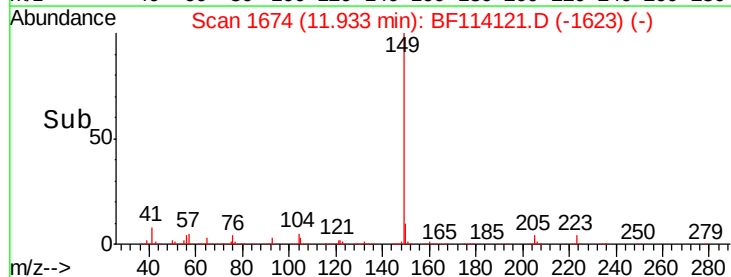
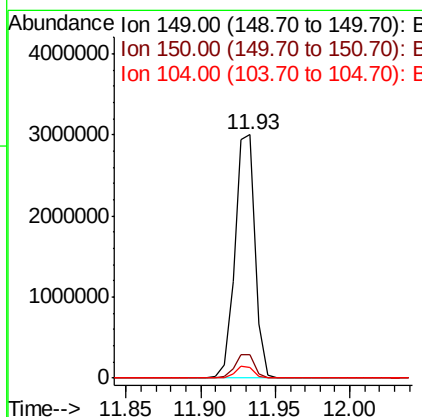
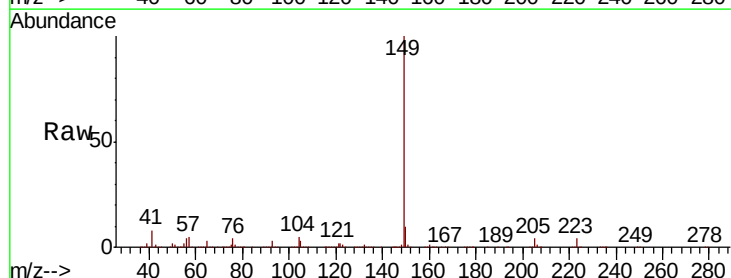
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

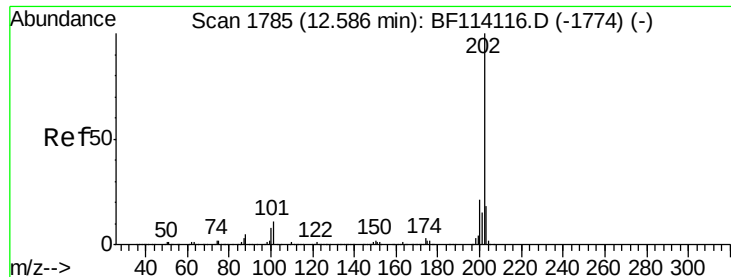
Tot Ion:167 Resp: 2453895
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.816 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion:149 Resp: 2835443
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 47.180 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

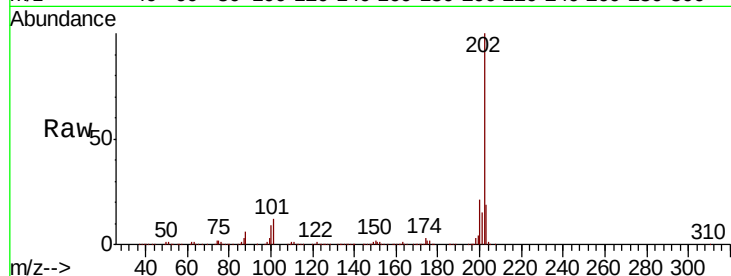
Tot Ion:202 Resp: 2727913

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.0

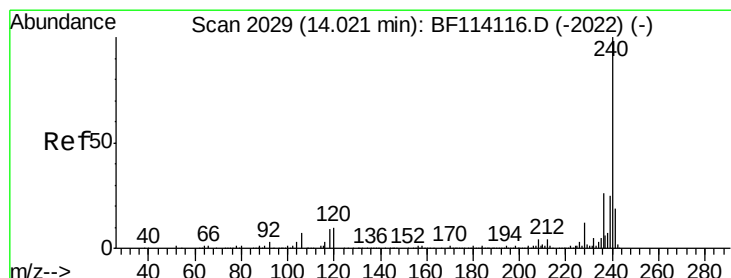
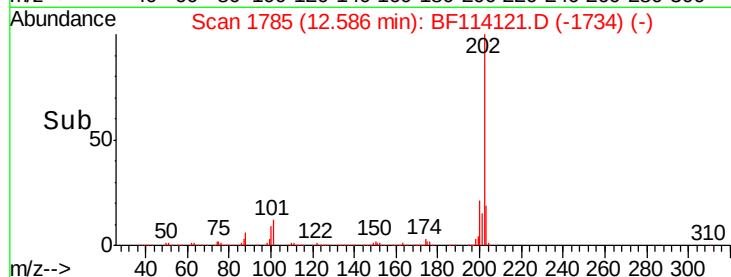
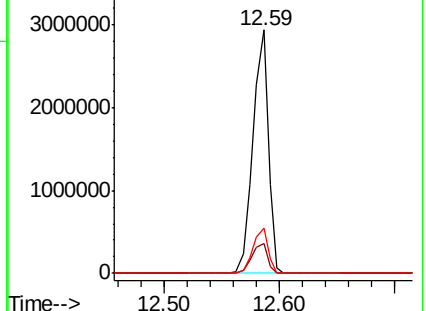
203 18.8 0.0 38.4



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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

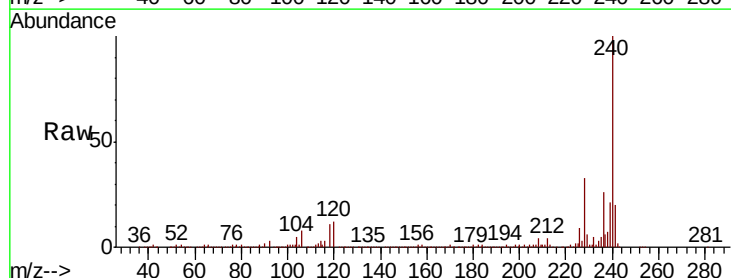
Tgt Ion:240 Resp: 796948

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

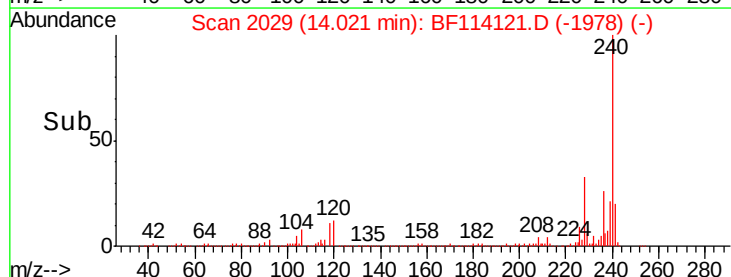
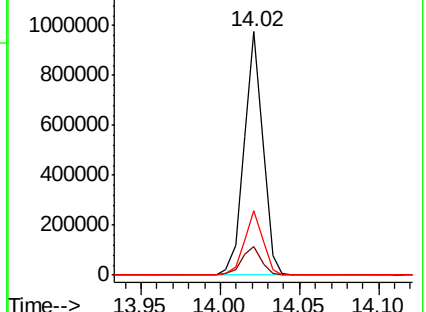
236 26.4 20.8 31.2

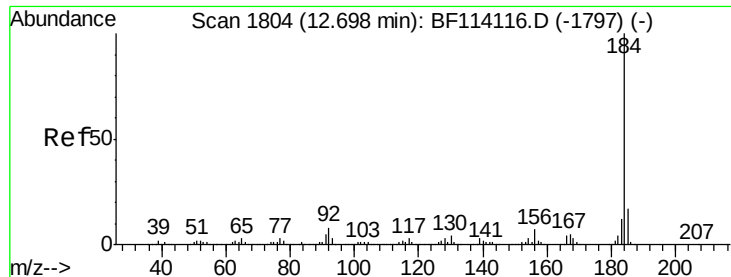


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.788 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

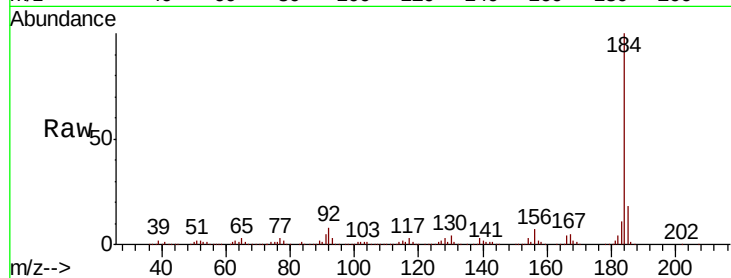
Tot Ion:184 Resp: 1407353

Ion	Ratio	Lower	Upper
184	100		
185	17.8	13.6	20.4
183	11.1	9.2	13.8

184 100

185 17.8 13.6 20.4

183 11.1 9.2 13.8

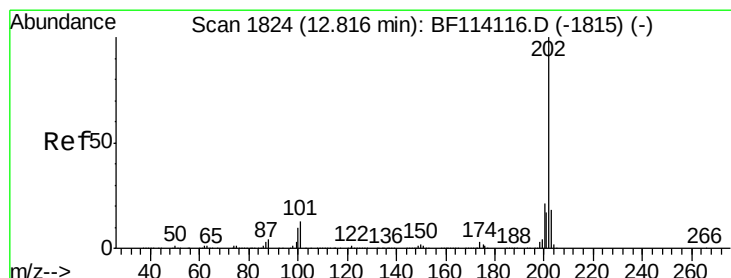
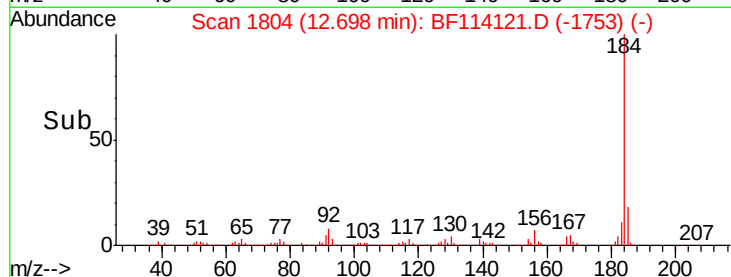
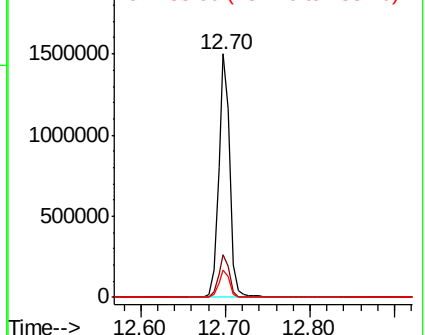


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.469 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

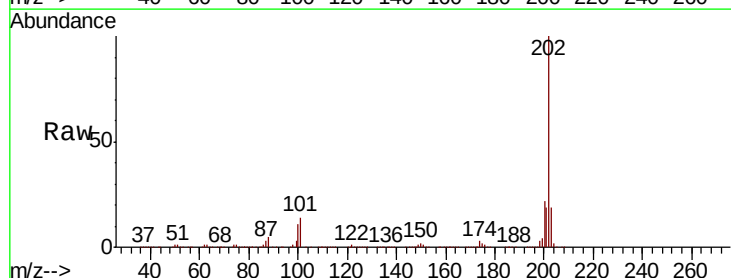
Tgt Ion:202 Resp: 2810435

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.6	14.5	21.7

202 100

200 21.7 16.9 25.3

203 18.6 14.5 21.7

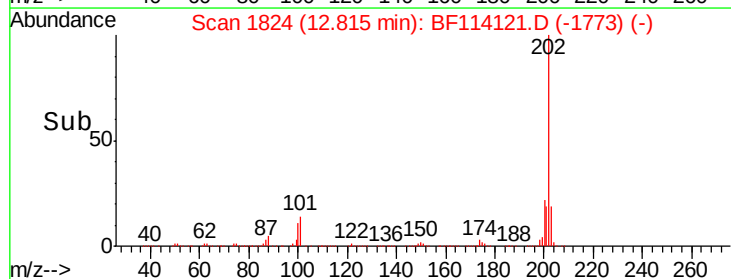
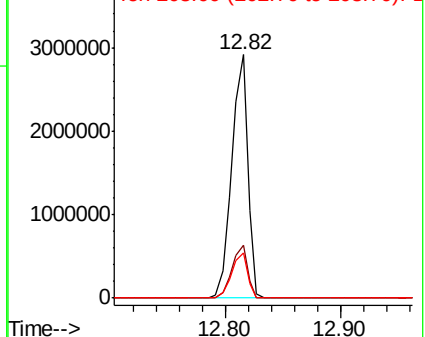


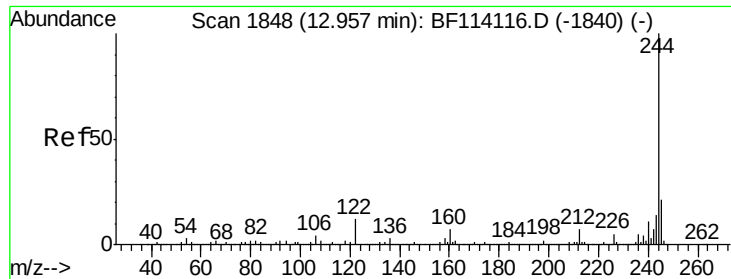
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.038 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

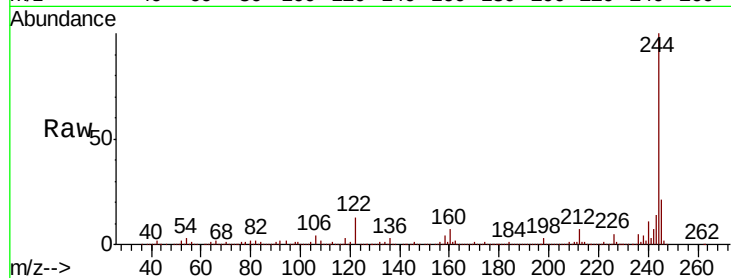
Tot Ion:244 Resp: 3367519

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

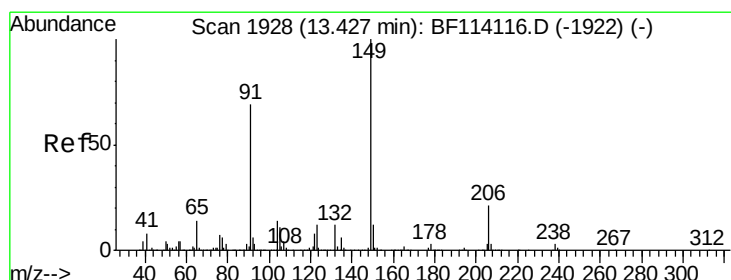
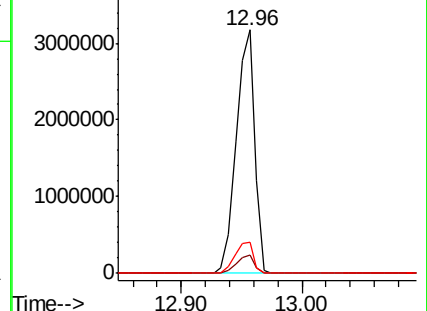
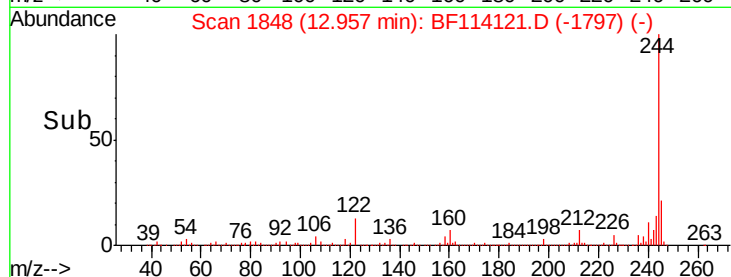
122 13.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.139 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

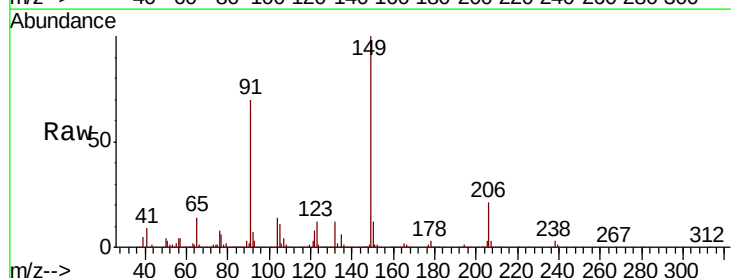
Tgt Ion:149 Resp: 1282562

Ion Ratio Lower Upper

149 100

91 70.3 55.0 82.4

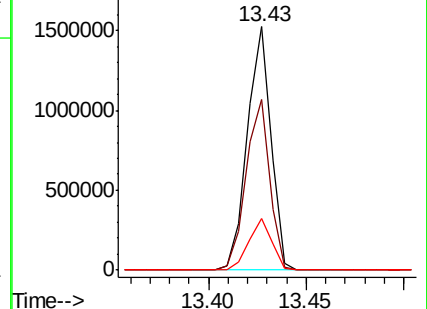
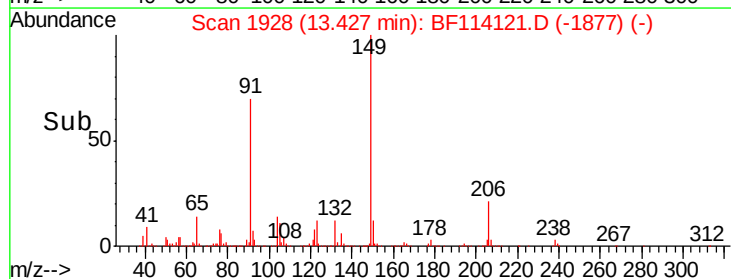
206 21.5 16.9 25.3

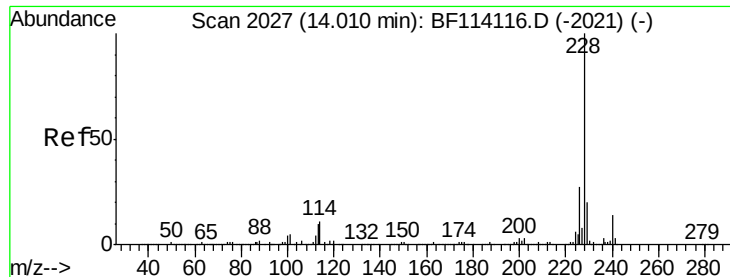


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.942 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

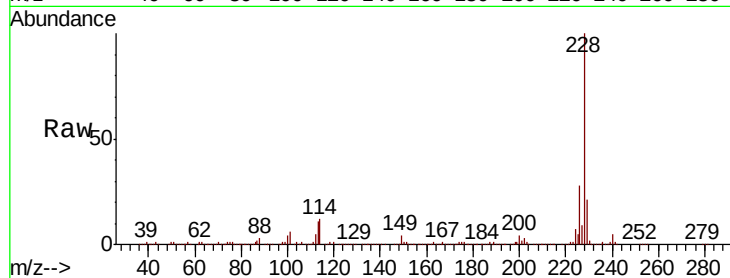
Tot Ion:228 Resp: 2440623

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.9	16.4	24.6

228 100

226 28.2 22.2 33.2

229 20.9 16.4 24.6

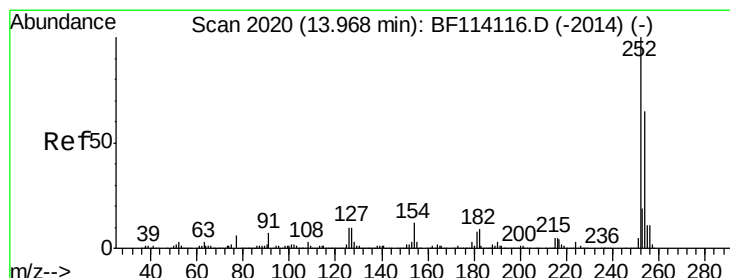
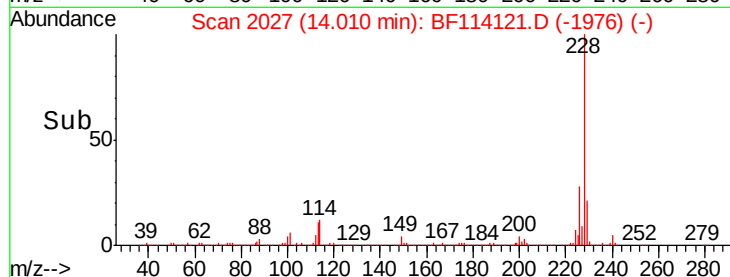
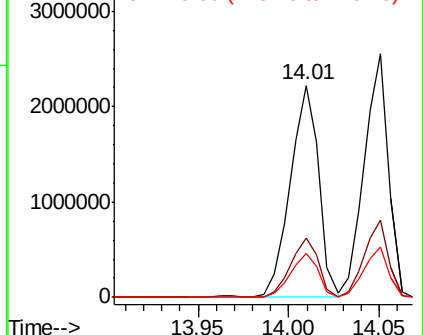


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 47.970 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

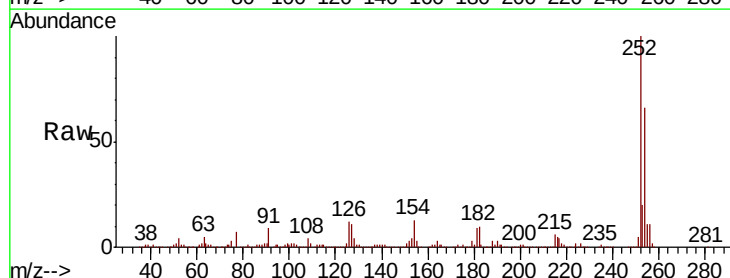
Tgt Ion:252 Resp: 967234

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.9	77.9
126	11.9	7.9	11.9#

252 100

254 65.7 51.9 77.9

126 11.9 7.9 11.9#

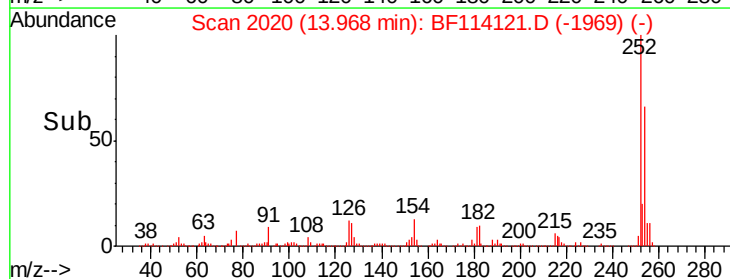
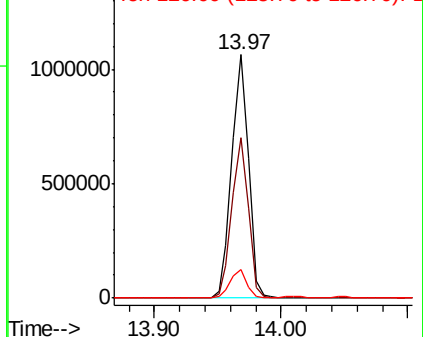


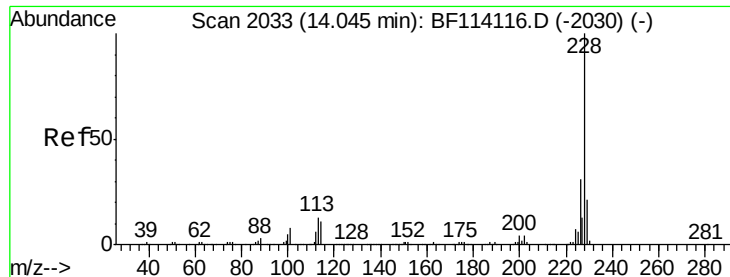
Abundance

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

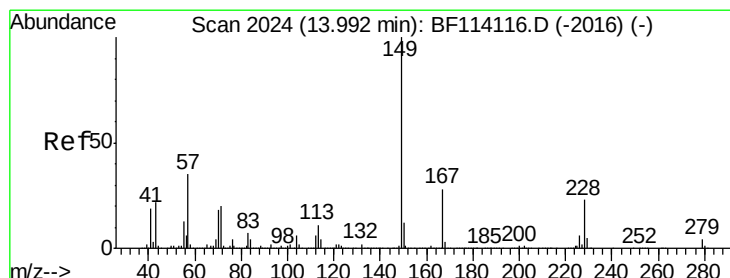
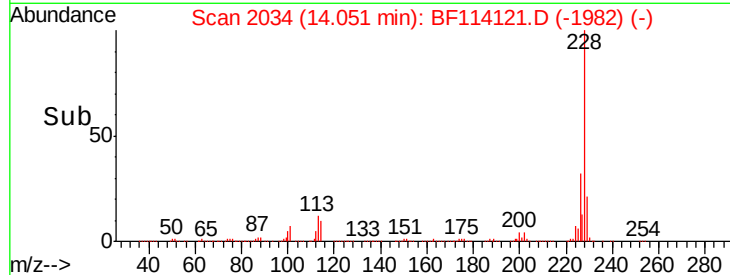
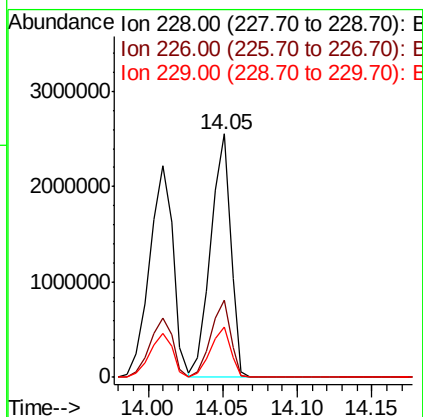
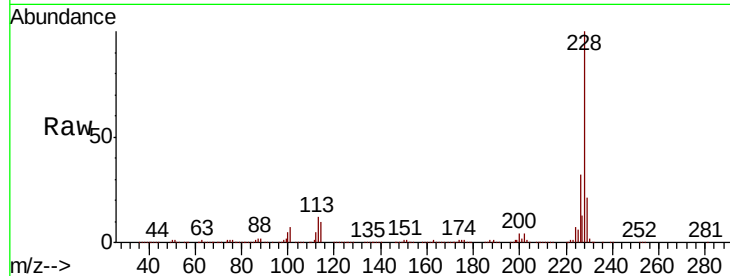




#83
 Chrysene
 Concen: 46.757 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

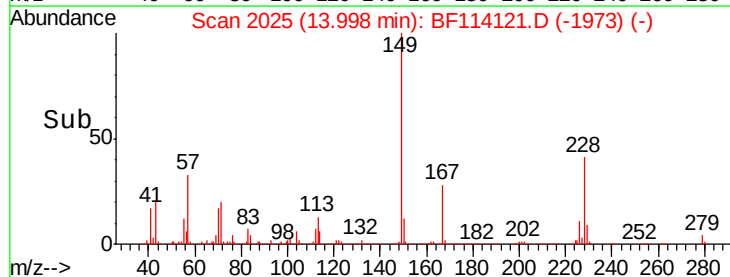
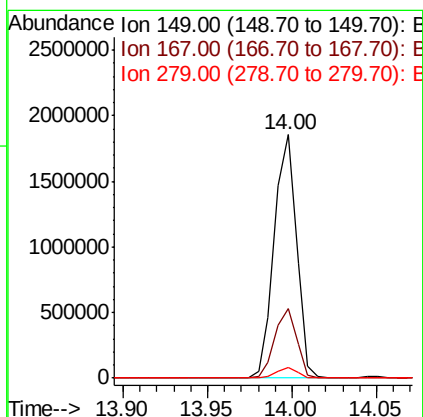
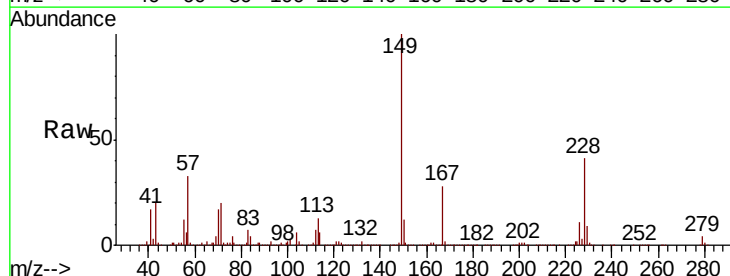
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

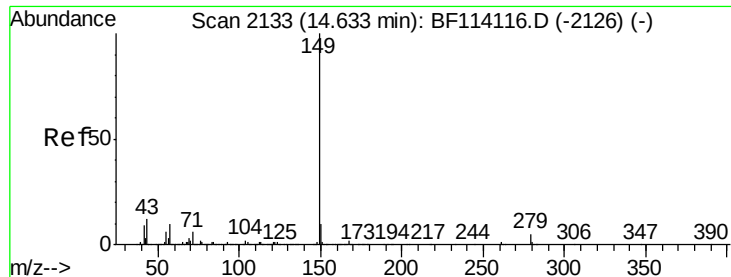
Tot Ion:228 Resp: 2382387
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.9 17.0 25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.083 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF114121.D
 Acq: 10 May 2019 15:20

Tgt Ion:149 Resp: 1706440
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 33.8
 279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 48.208 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

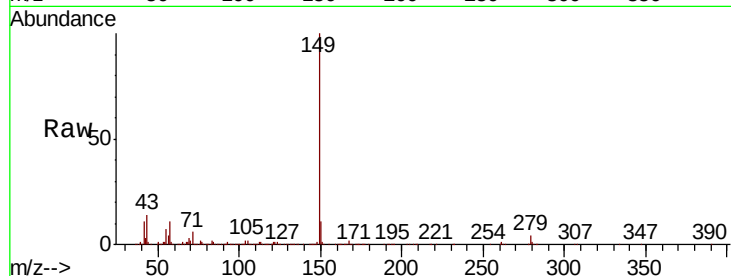
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2788410

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.9	10.1	15.1

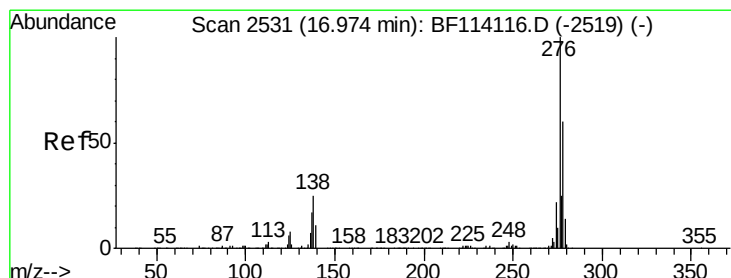
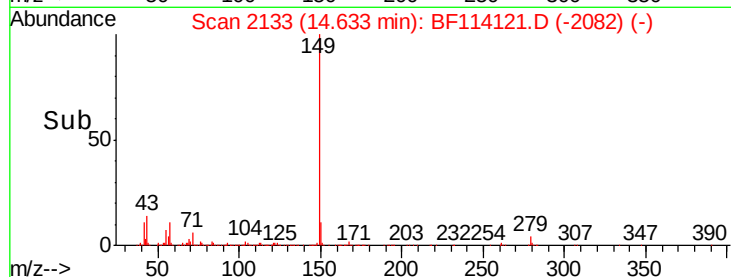
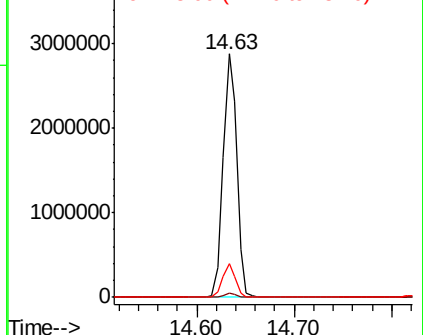


Abundance

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: 43.807 ng

RT: 16.98 min Scan# 2532

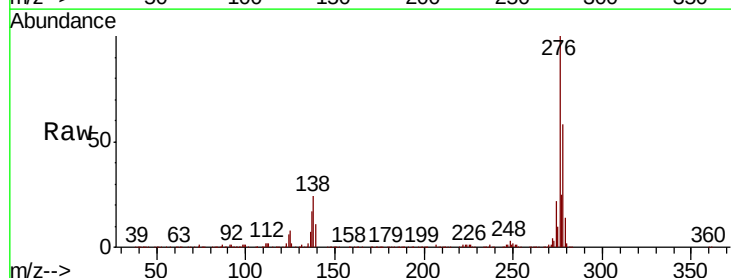
Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Tgt Ion:276 Resp: 1998016

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.2
277	24.9	20.0	30.0

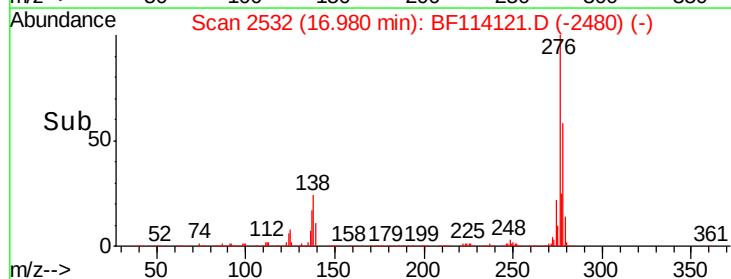
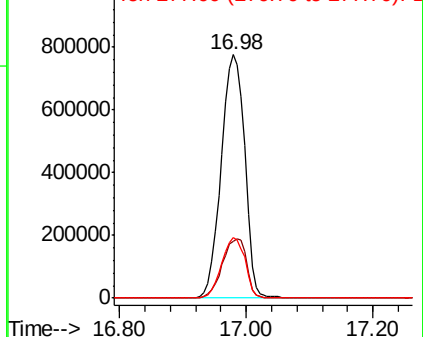


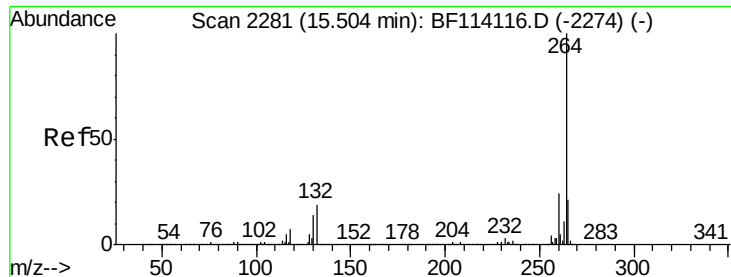
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

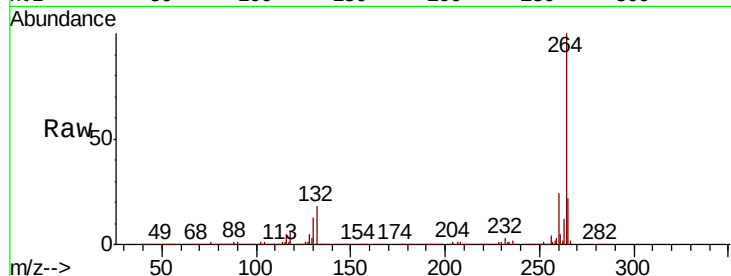
Tot Ion:264 Resp: 765161

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

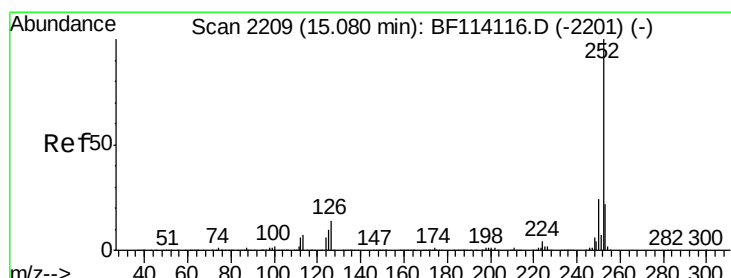
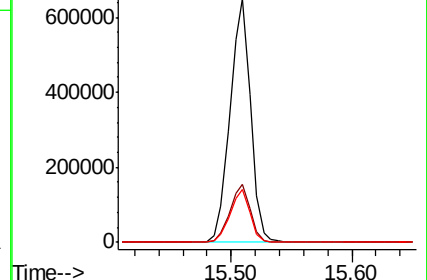
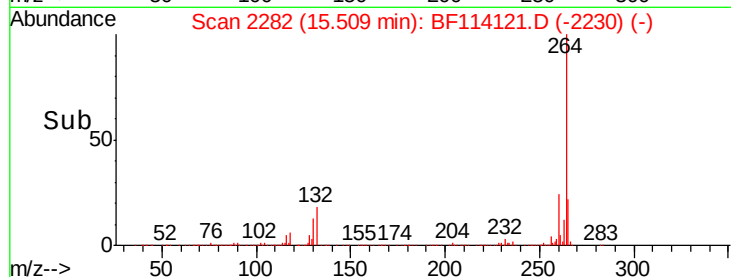
265 21.9 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.549 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

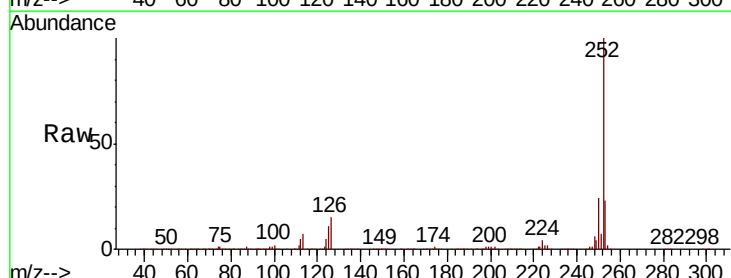
Tgt Ion:252 Resp: 2352851

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

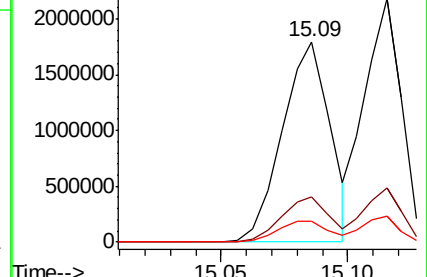
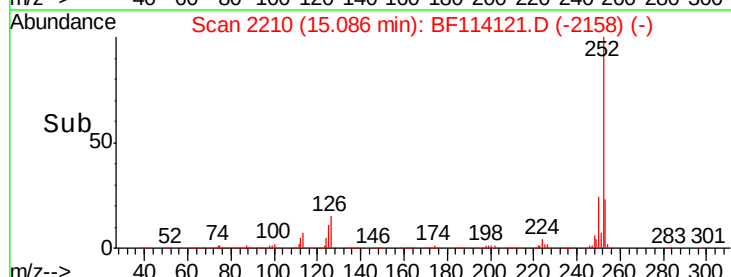
125 10.7 8.3 12.5

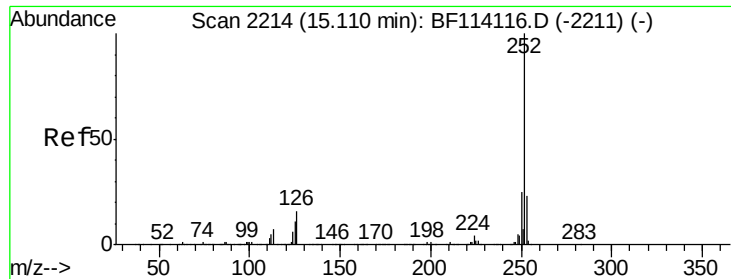


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

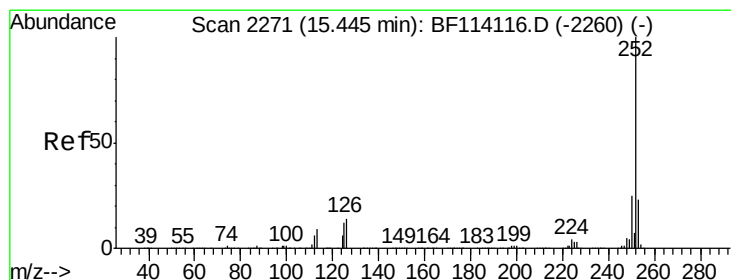
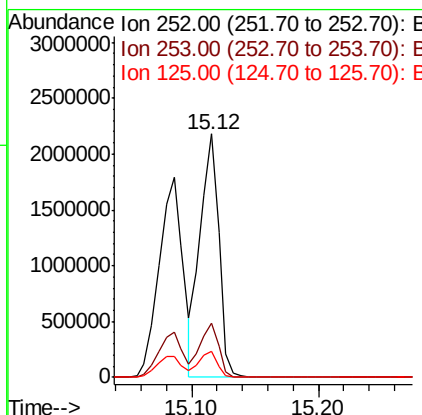
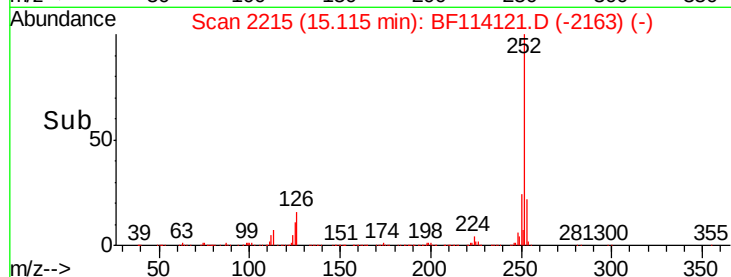
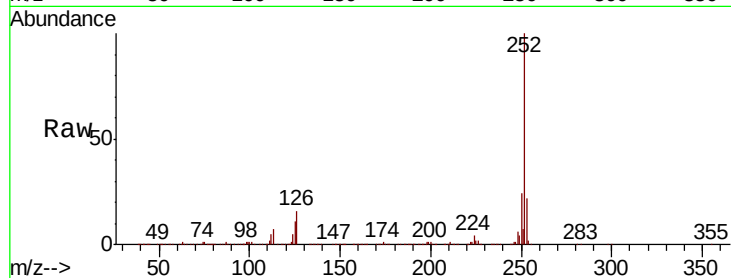




#89
Benzo(k)fluoranthene
Concen: 49.941 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

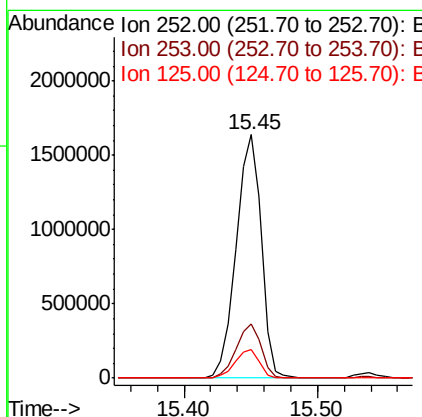
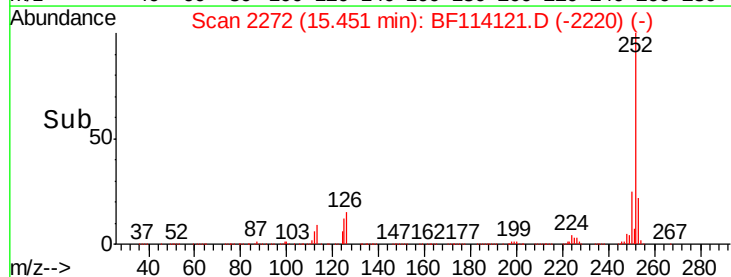
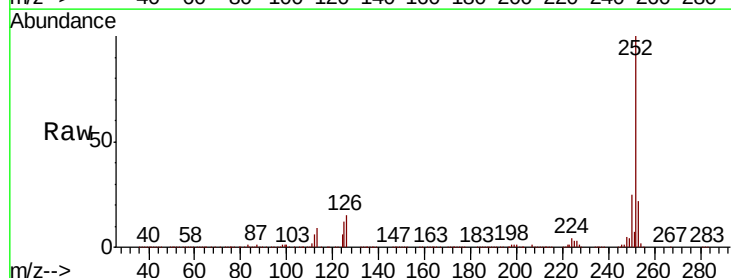
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

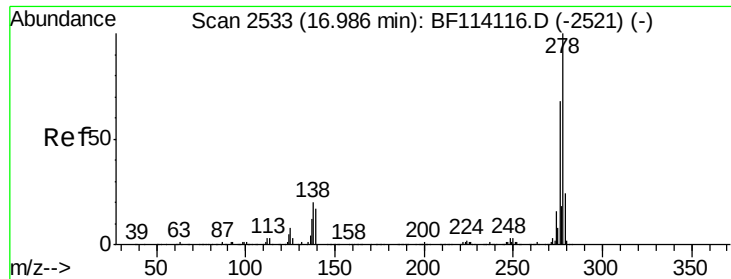
Tot Ion:252 Resp: 2239201
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.7 8.6 13.0



#90
Benzo(a)pyrene
Concen: 49.563 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114121.D
Acq: 10 May 2019 15:20

Tgt Ion:252 Resp: 2143352
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 44.341 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Instrument :

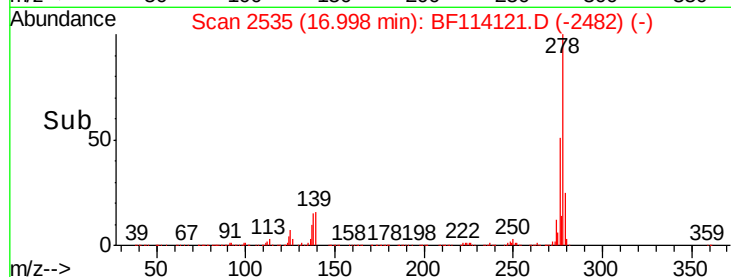
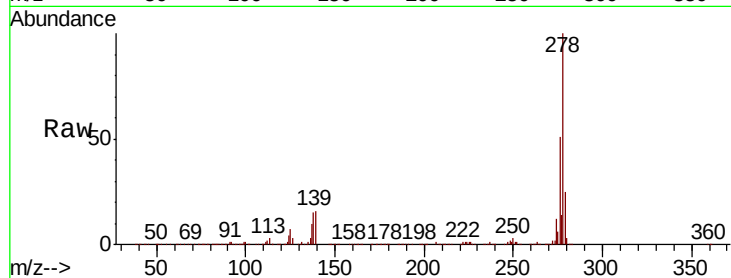
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:278 Resp: 1613305

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	24.6	19.0	28.6

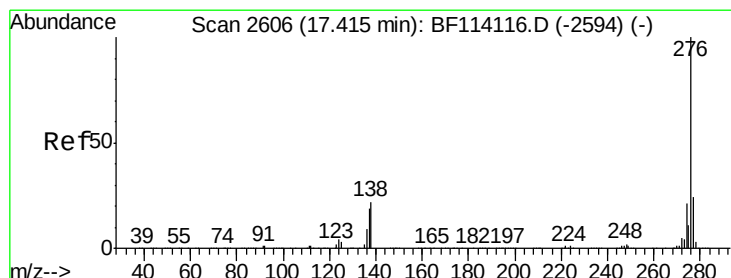
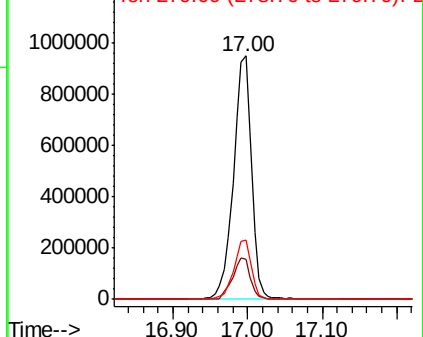


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.661 ng

RT: 17.42 min Scan# 2607

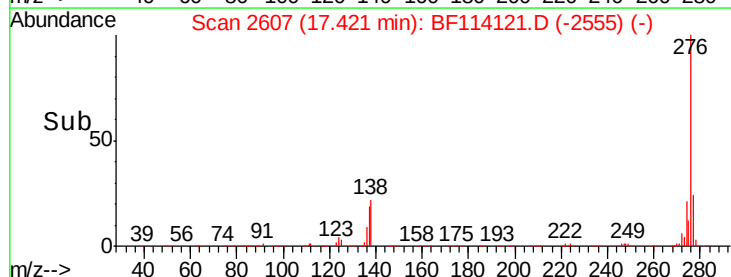
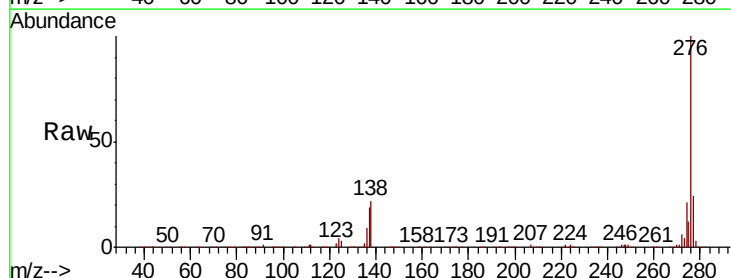
Delta R.T. 0.01 min

Lab File: BF114121.D

Acq: 10 May 2019 15:20

Tgt Ion:276 Resp: 1622060

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	22.0	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

