

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114428.D
 Acq On : 20 May 2019 10:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 20 10:49:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	216314	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	862543	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	402391	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	801458	20.00	ng	0.00
76) Chrysene-d12	14.00	240	571463	20.00	ng	0.00
87) Perylene-d12	15.49	264	569671	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1035632	77.05	ng	0.00
7) Phenol-d6	6.48	99	1300426	81.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	1236907	80.48	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	308031	74.05	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2048609	77.01	ng	0.00
79) Terphenyl-d14	12.94	244	2069497	74.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	254932	34.505	ng	99
3) Pyridine	3.35	79	729959	35.859	ng	97
4) n-Nitrosodimethylamine	3.30	42	348498	35.501	ng	96
6) Aniline	6.50	93	905490	39.429	ng	# 83
8) 2-Chlorophenol	6.62	128	594852	41.453	ng	97
9) Benzaldehyde	6.38	77	372704	33.487	ng	98
10) Phenol	6.49	94	744610	39.814	ng	79
11) bis(2-Chloroethyl)ether	6.57	93	589722	41.535	ng	98
12) 1,3-Dichlorobenzene	6.77	146	653240	40.554	ng	100
13) 1,4-Dichlorobenzene	6.85	146	659134	40.608	ng	99
14) 1,2-Dichlorobenzene	7.00	146	606254	40.882	ng	99
15) Benzyl Alcohol	6.98	79	479944	38.707	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1072428	38.955	ng	76
17) 2-Methylphenol	7.09	107	480286	40.744	ng	97
18) Hexachloroethane	7.34	117	245432	40.283	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	395095	39.208	ng	99
20) 3+4-Methylphenols	7.25	107	580538	42.626	ng	# 71
22) Acetophenone	7.24	105	779707	40.805	ng	# 91
24) Nitrobenzene	7.42	77	630546	40.280	ng	97
25) Isophorone	7.66	82	1121949	39.360	ng	99
26) 2-Nitrophenol	7.73	139	314121	41.360	ng	99
27) 2,4-Dimethylphenol	7.77	122	468973	39.316	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	739312	39.974	ng	99
29) 2,4-Dichlorophenol	7.98	162	480805	40.480	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	534752	39.592	ng	99
31) Naphthalene	8.13	128	1660632	41.216	ng	99
32) Benzoic acid	7.92	122	333128	40.459	ng	98
33) 4-Chloroaniline	8.19	127	761629	41.483	ng	98
34) Hexachlorobutadiene	8.25	225	308902	40.196	ng	98
35) Caprolactam	8.56	113	170101	43.920	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	509098	42.581	ng	99
37) 2-Methylnaphthalene	8.83	142	1075434	41.370	ng	97
38) 1-Methylnaphthalene	8.93	142	1016772	41.534	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	495650	40.663	ng	99

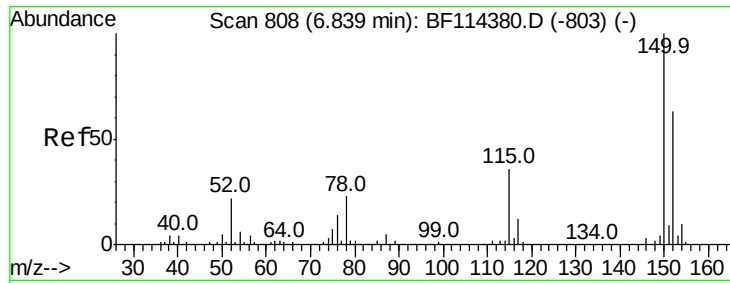
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	189074	35.819	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	331758	39.570	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	340735	39.628	nq	98
46) 1,1'-Biphenyl	9.29	154	1301877	40.048	nq	98
47) 2-Chloronaphthalene	9.32	162	1043701	39.894	nq	100
48) 2-Nitroaniline	9.42	65	381199	41.085	nq	98
49) Acenaphthylene	9.73	152	1589791	39.954	nq	99
50) Dimethylphthalate	9.59	163	1186115	40.154	nq	99
51) 2,6-Dinitrotoluene	9.66	165	264540	40.377	nq	97
52) Acenaphthene	9.90	154	945939	38.741	nq	99
53) 3-Nitroaniline	9.83	138	339111	41.696	nq	98
54) 2,4-Dinitrophenol	9.95	184	103952	35.638	nq	99
55) Dibenzofuran	10.07	168	1357443	37.913	nq	99
56) 4-Nitrophenol	10.01	139	216777	37.690	nq	90
57) 2,4-Dinitrotoluene	10.07	165	339138	38.137	nq	# 91
58) Fluorene	10.42	166	1105776	39.984	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	283083	38.157	nq	98
60) Diethylphthalate	10.29	149	1167338	38.893	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	542977	39.974	nq	98
62) 4-Nitroaniline	10.45	138	353308	41.340	nq	99
63) Azobenzene	10.57	77	1138128	39.176	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	160277	41.618	nq	85
66) n-Nitrosodiphenylamine	10.53	169	980861	40.324	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	343286	38.902	nq	97
68) Hexachlorobenzene	10.97	284	379159	38.840	nq	93
69) Atrazine	11.05	200	296516	39.172	nq	99
70) Pentachlorophenol	11.17	266	159092	34.378	nq	99
71) Phenanthrene	11.38	178	1581367	40.556	nq	99
72) Anthracene	11.43	178	1601077	40.881	nq	99
73) Carbazole	11.59	167	1553886	41.607	nq	100
74) Di-n-butylphthalate	11.91	149	1774559	41.244	nq	100
75) Fluoranthene	12.57	202	1725878	41.103	nq	98
77) Benzidine	12.69	184	857042	33.410	nq	97
78) Pyrene	12.80	202	1746582	37.993	nq	99
80) Butylbenzylphthalate	13.40	149	786942	40.669	nq	95
81) Benzo(a)anthracene	13.99	228	1552714	42.008	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	603256	42.072	nq	99
83) Chrysene	14.03	228	1482667	40.920	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1059152	41.852	nq	99
85) Di-n-octyl phthalate	14.59	149	1750918	42.680	nq	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1302772	40.683	nq	99
88) Benzo(b)fluoranthene	15.06	252	1515356	41.521	nq	99
89) Benzo(k)fluoranthene	15.09	252	1331034	39.702	nq	99
90) Benzo(a)pyrene	15.43	252	1315204	40.947	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	1066311	39.952	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1070220	40.012	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

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SSTDCCC040

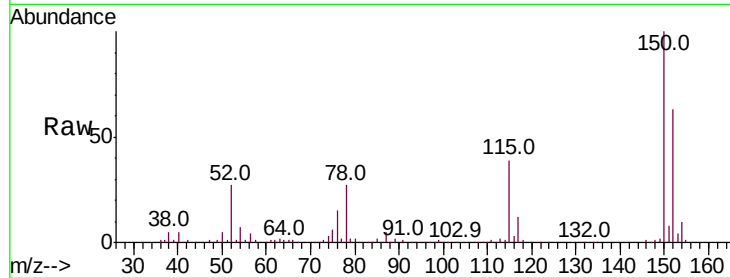
Tot Ion:152 Resp: 216314

Ion Ratio Lower Upper

152 100

150 157.8 124.3 186.5

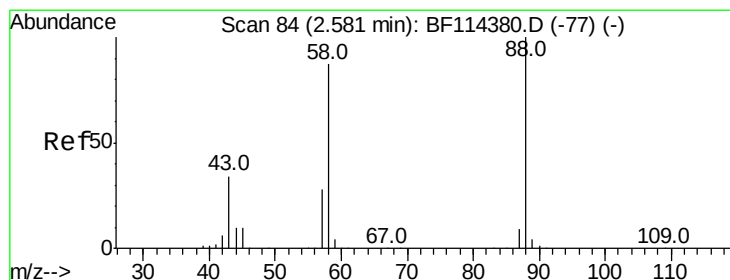
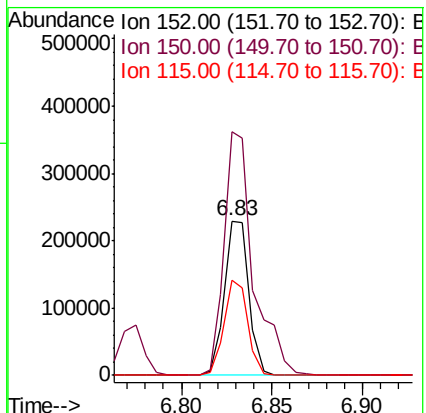
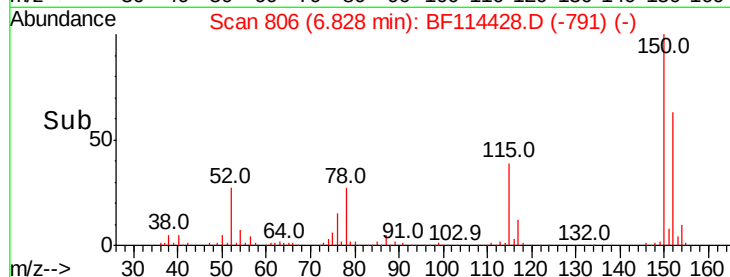
115 61.7 49.1 73.7



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: 34.505 ng

RT: 2.59 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

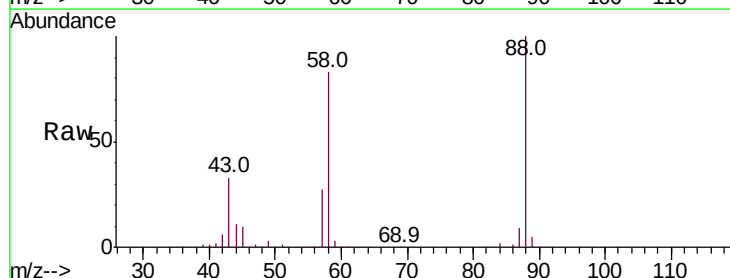
Tgt Ion: 88 Resp: 254932

Ion Ratio Lower Upper

88 100

58 85.2 68.7 103.1

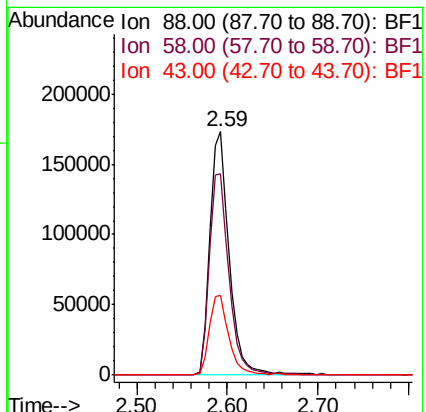
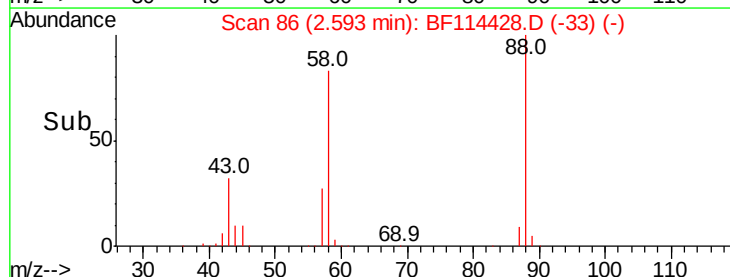
43 33.5 28.2 42.2

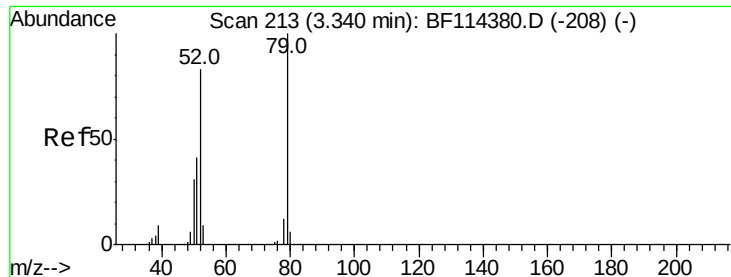


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.859 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

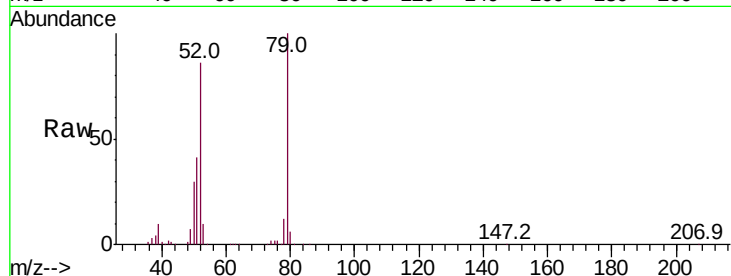
Tot Ion: 79 Resp: 729959

Ion Ratio Lower Upper

79 100

52 85.5 70.6 105.8

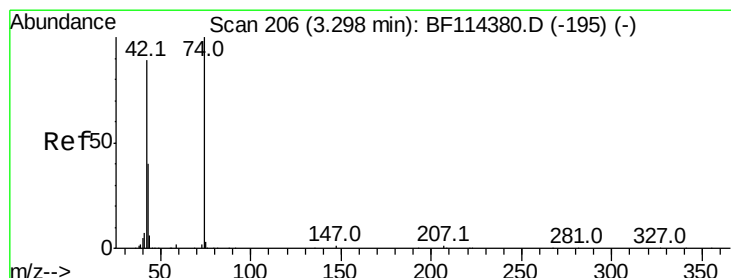
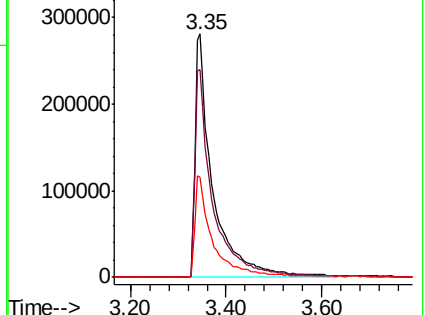
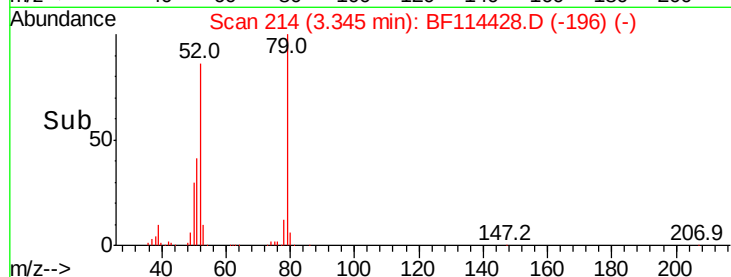
51 41.1 34.2 51.2



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: 35.501 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

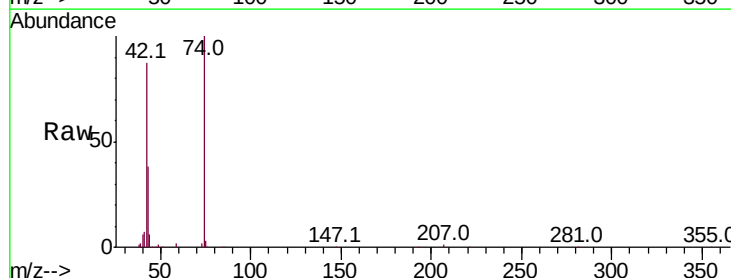
Tgt Ion: 42 Resp: 348498

Ion Ratio Lower Upper

42 100

74 115.4 88.6 132.8

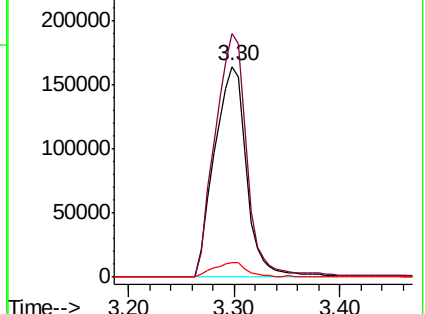
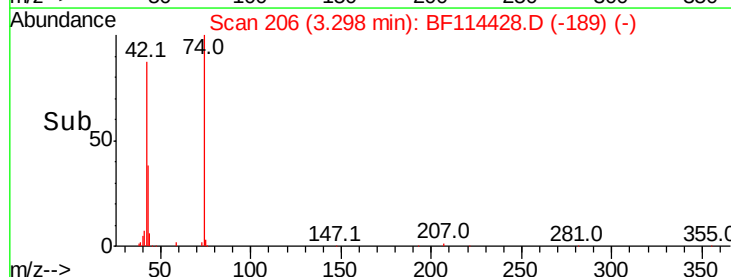
44 6.8 5.5 8.3

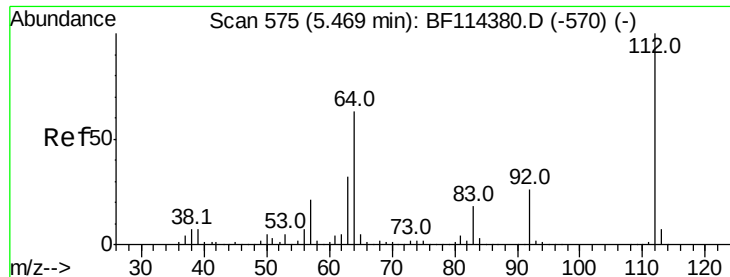


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.046 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

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SSTDCCC040

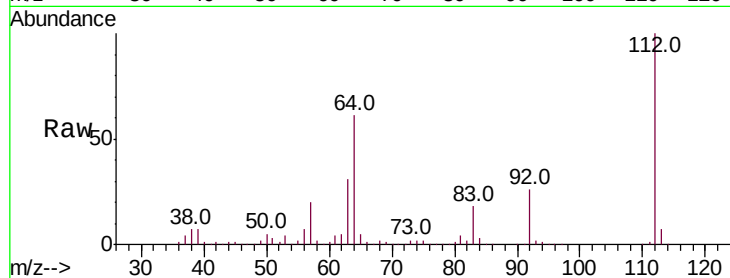
Tot Ion:112 Resp: 1035632

Ion Ratio Lower Upper

112 100

64 61.4 49.0 73.6

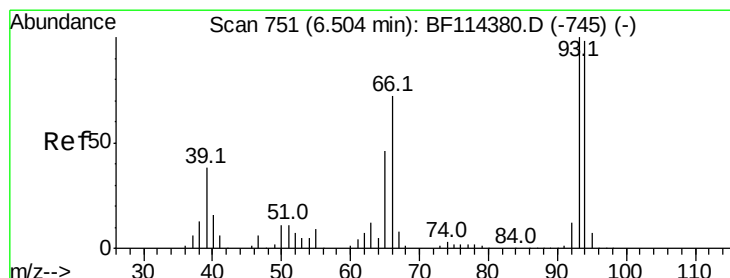
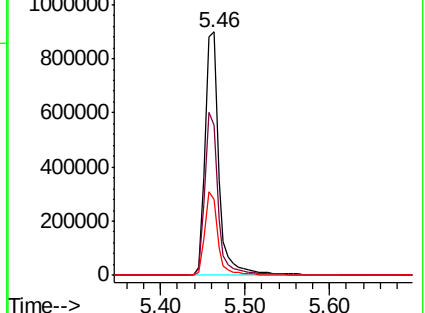
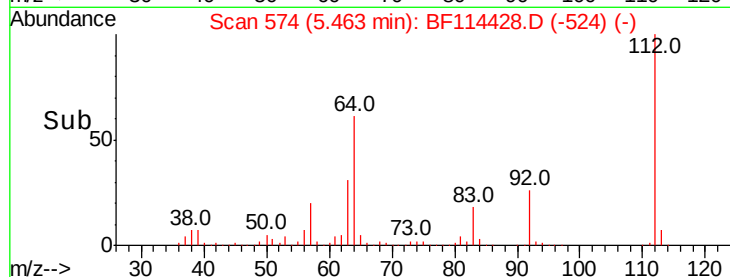
63 31.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.429 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

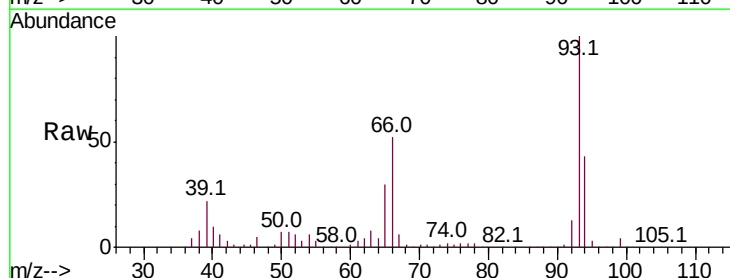
Tgt Ion: 93 Resp: 905490

Ion Ratio Lower Upper

93 100

66 52.1 33.2 49.8#

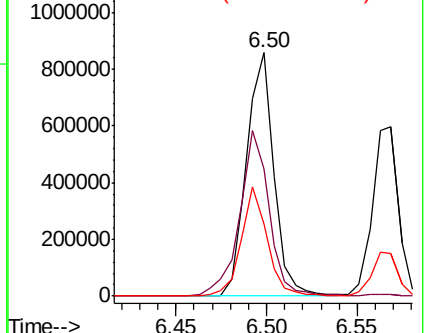
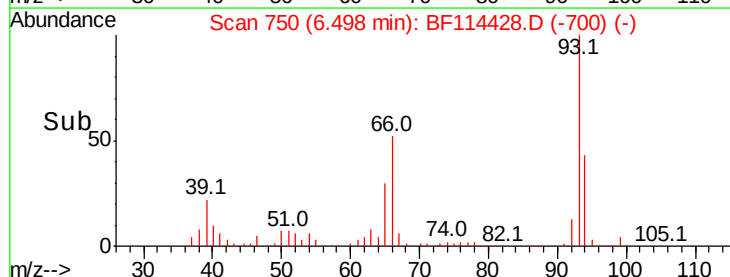
65 29.8 17.6 26.4#

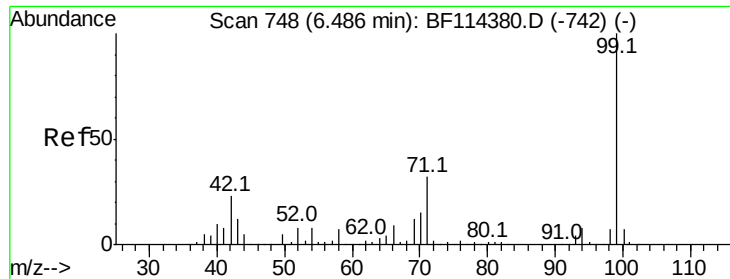


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.798 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

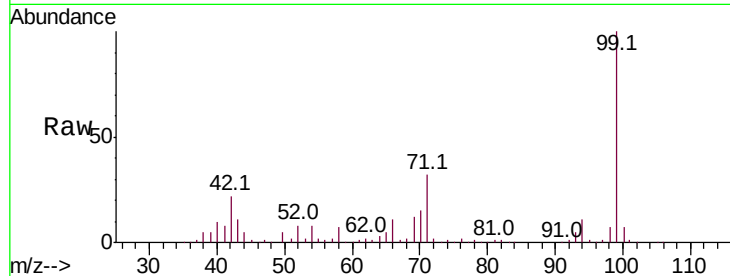
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1300426

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	32.2	26.2	39.2

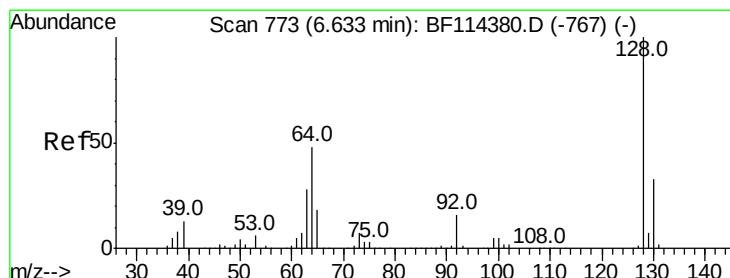
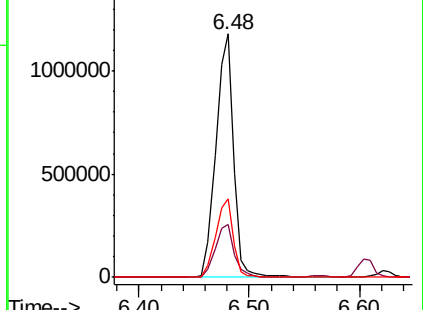
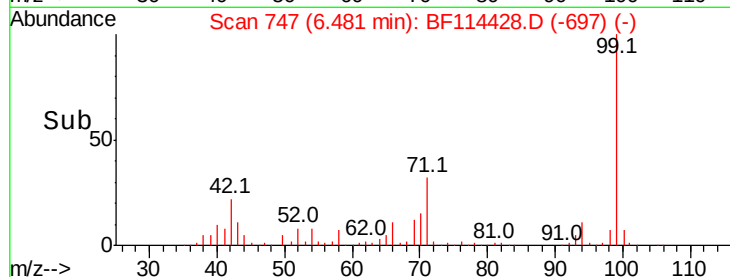


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.453 ng

RT: 6.62 min Scan# 771

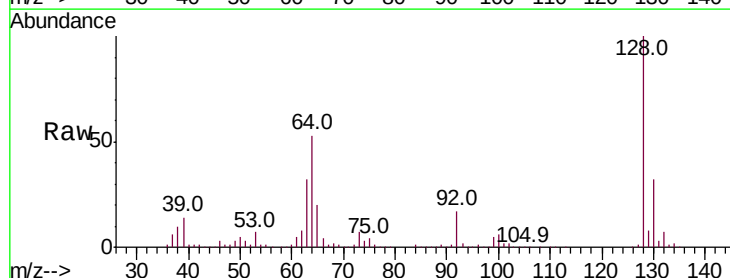
Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Tgt Ion: 128 Resp: 594852

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	52.7	35.9	75.9

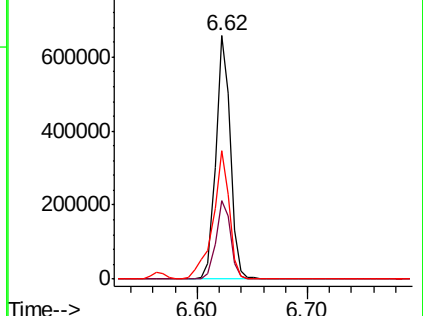
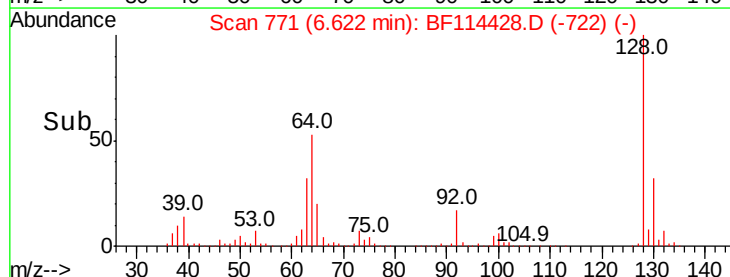


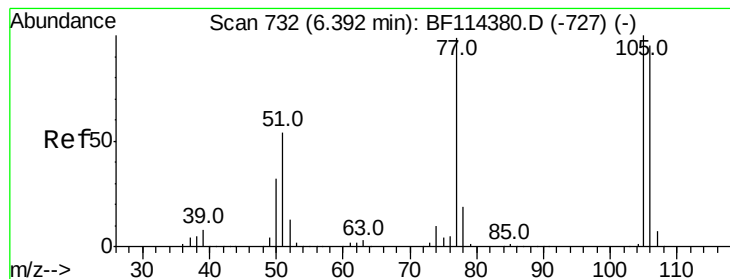
Abundance

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: 33.487 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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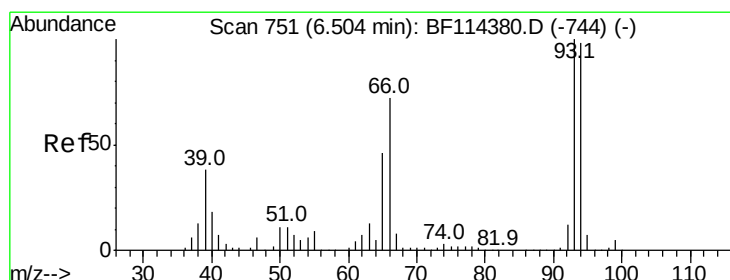
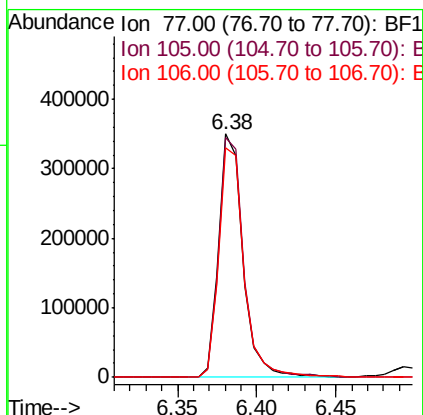
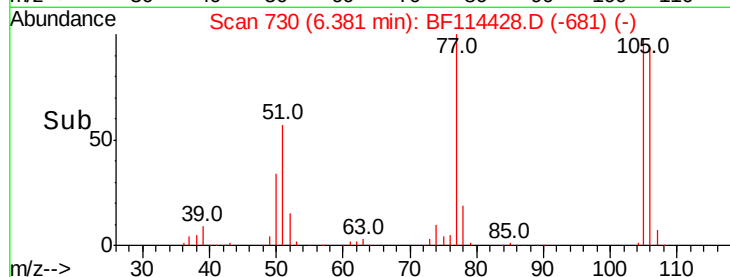
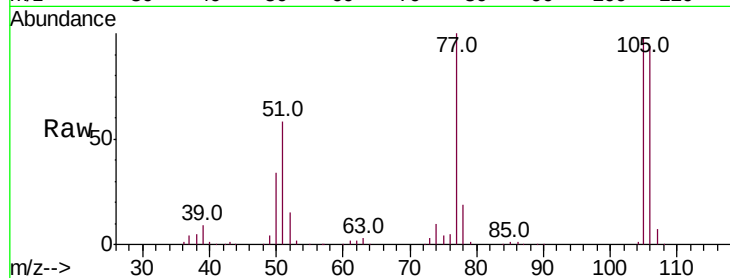
Tot Ion: 77 Resp: 372704

Ion Ratio Lower Upper

77 100

105 98.3 79.3 119.3

106 94.4 77.0 117.0



#10

Phenol

Concen: 39.814 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

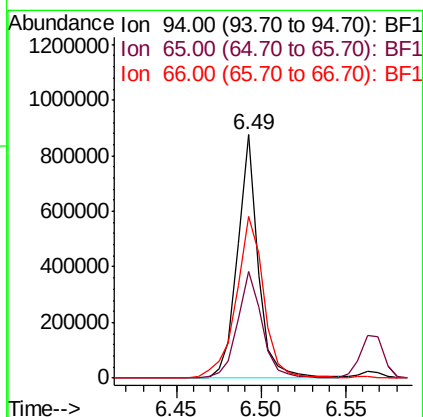
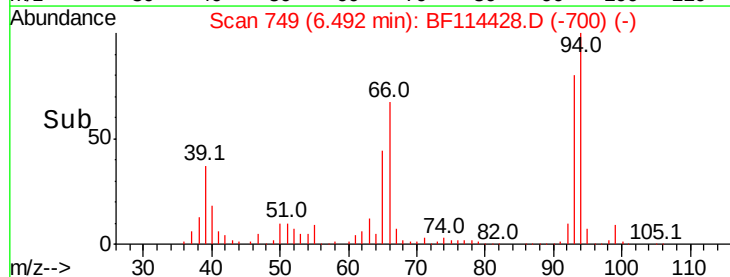
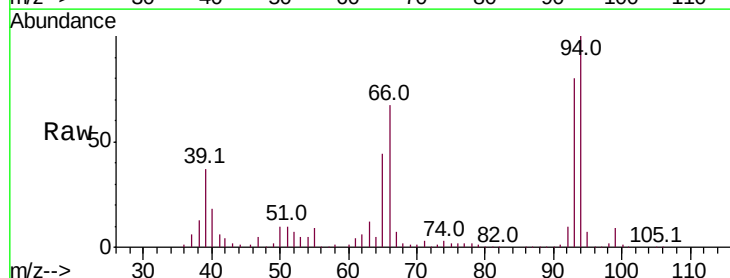
Tgt Ion: 94 Resp: 744610

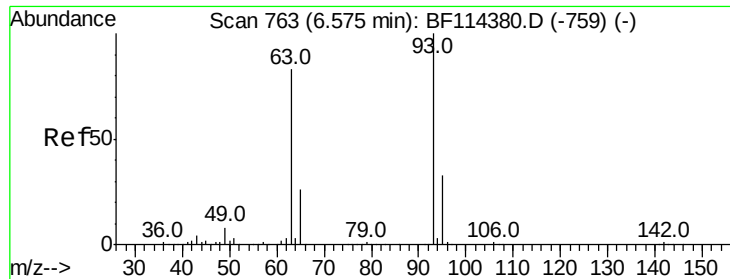
Ion Ratio Lower Upper

94 100

65 43.8 14.7 54.7

66 66.6 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 41.535 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

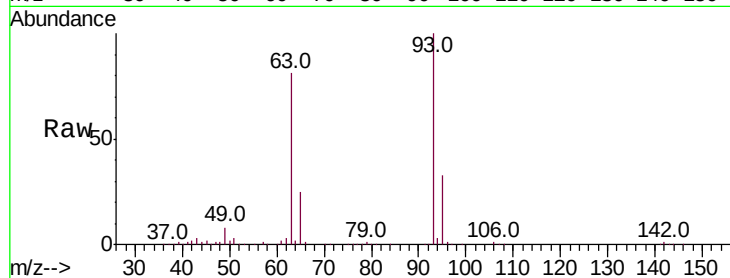
Tot Ion: 93 Resp: 589722

Ion Ratio Lower Upper

93 100

63 81.1 63.6 103.6

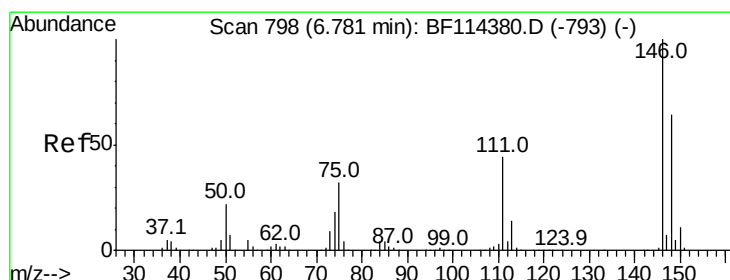
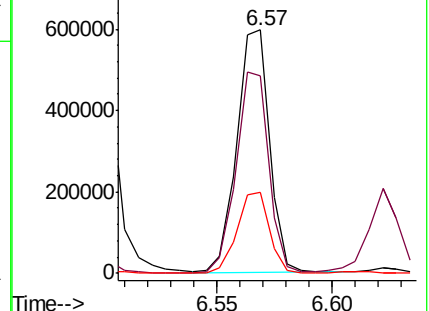
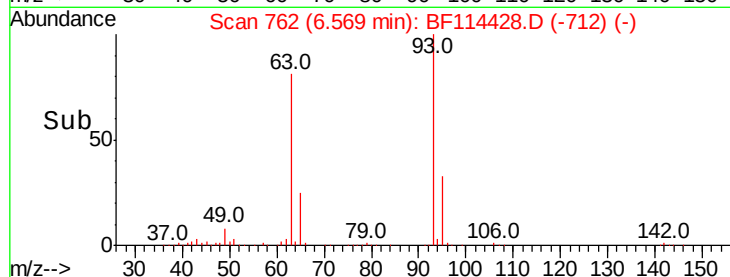
95 33.3 13.1 53.1



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: 40.554 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

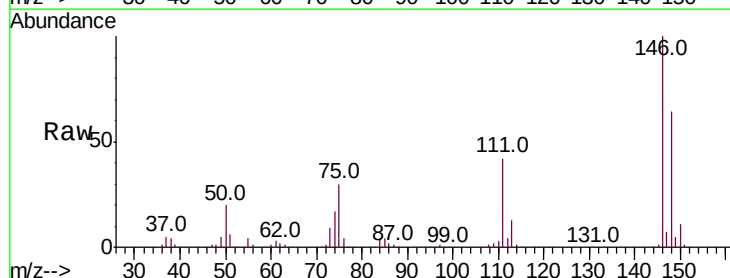
Tgt Ion: 146 Resp: 653240

Ion Ratio Lower Upper

146 100

148 64.4 51.6 77.4

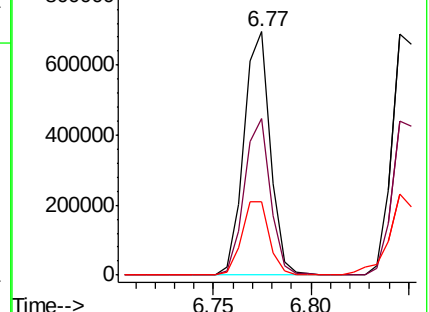
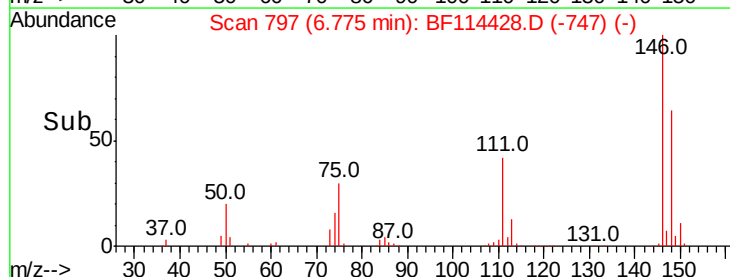
75 29.9 24.2 36.2

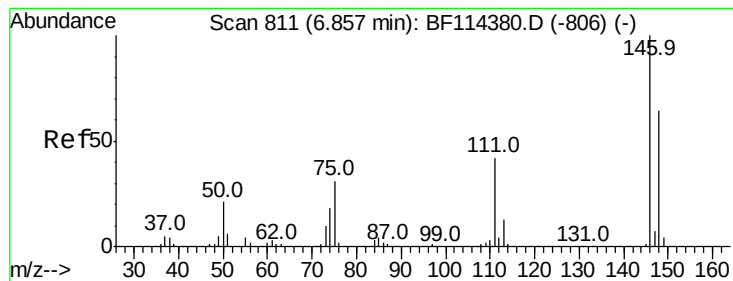


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.608 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

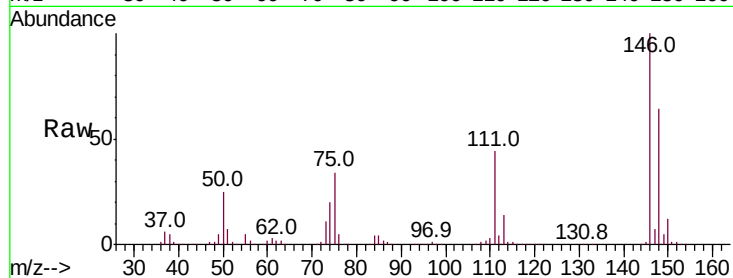
Tot Ion:146 Resp: 659134

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

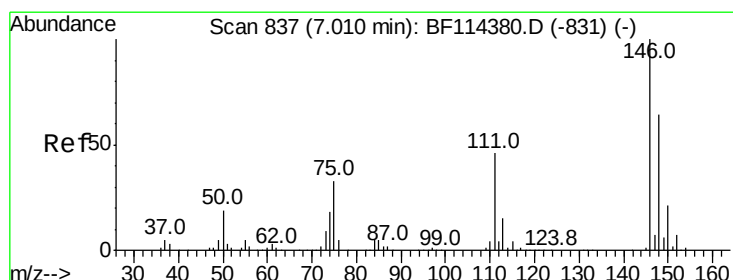
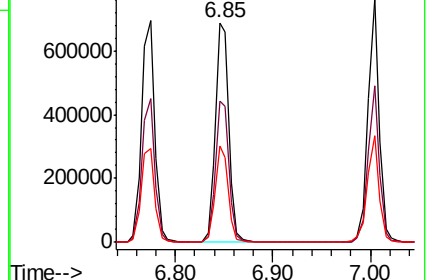
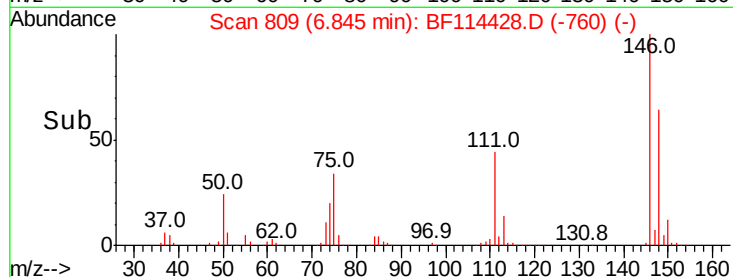
111 43.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.882 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

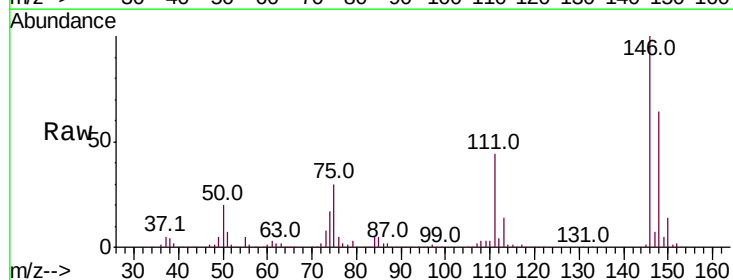
Tgt Ion:146 Resp: 606254

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

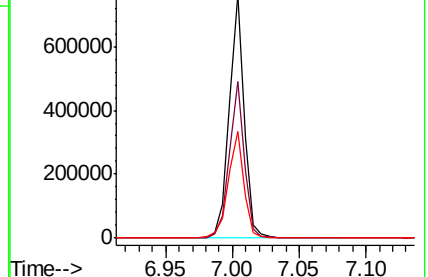
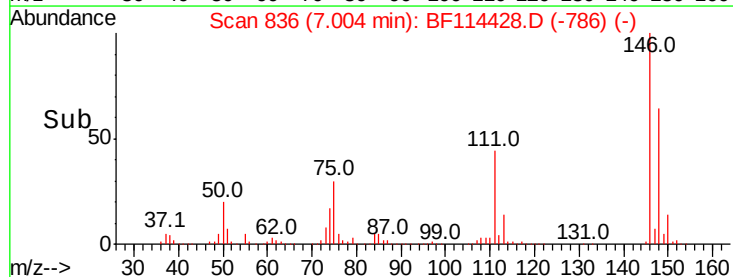
111 43.8 35.3 52.9

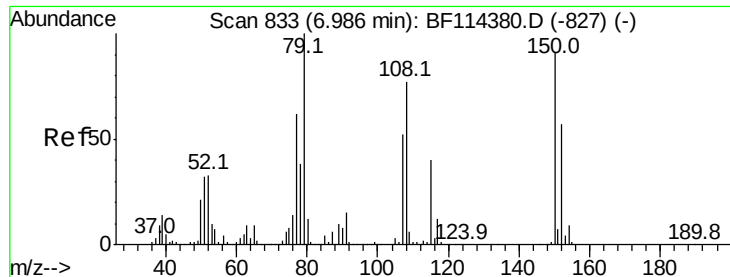


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.707 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

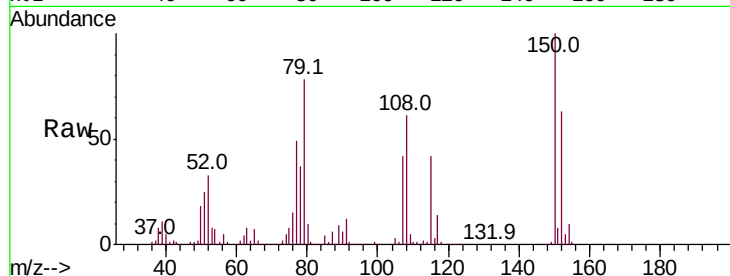
Tot Ion: 79 Resp: 479944

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

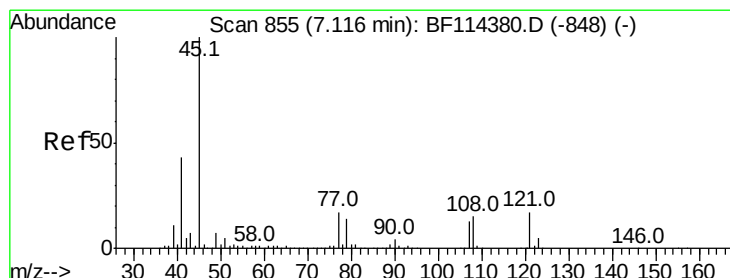
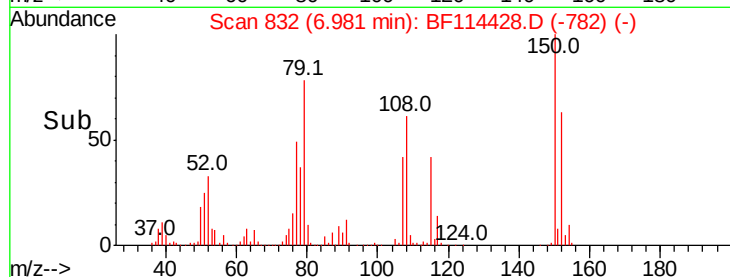
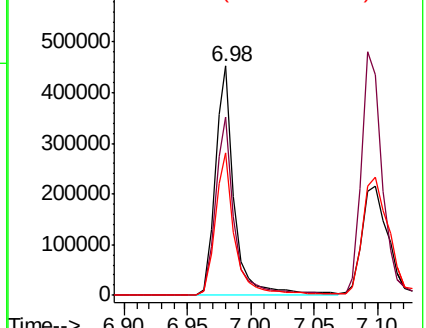
77 62.3 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.955 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

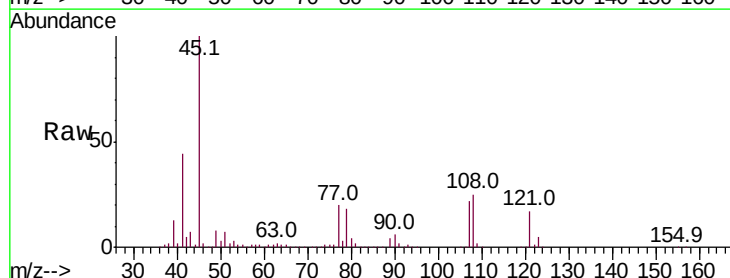
Tgt Ion: 45 Resp: 1072428

Ion Ratio Lower Upper

45 100

77 20.0 0.0 31.1

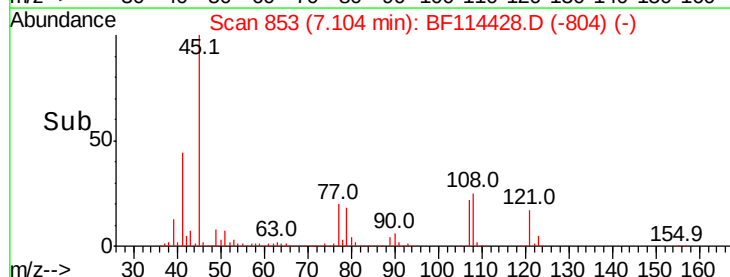
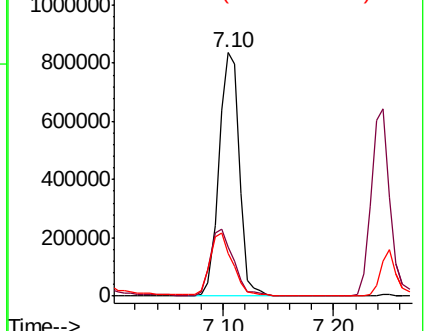
79 17.7 0.0 28.4

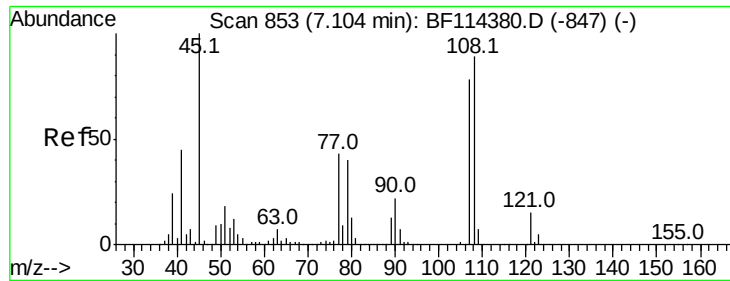


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.744 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 480286

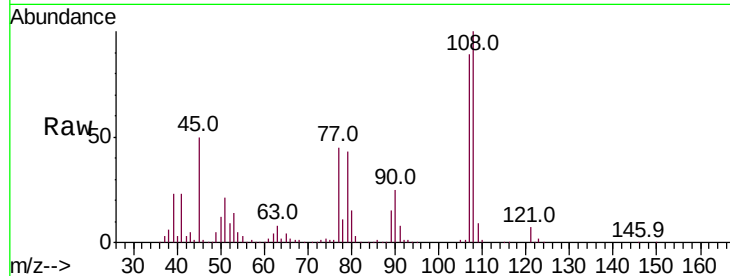
Ion Ratio Lower Upper

107 100

108 112.9 90.5 135.7

77 50.9 37.0 55.4

79 48.4 35.8 53.8

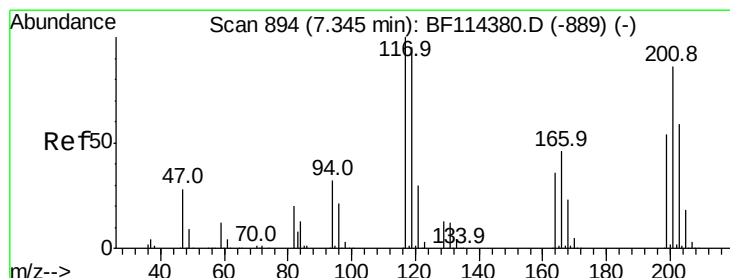
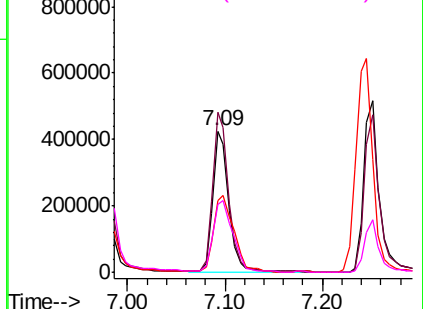
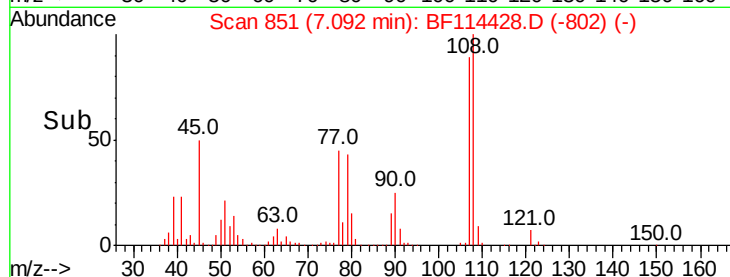


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.283 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

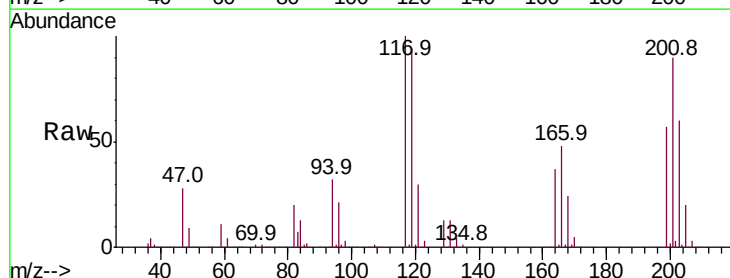
Tgt Ion:117 Resp: 245432

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.2

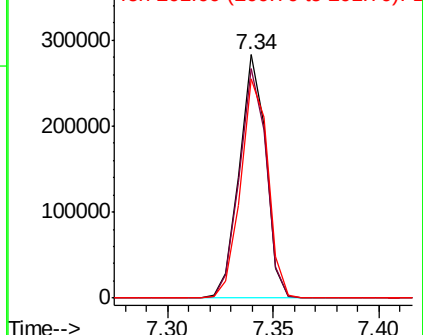
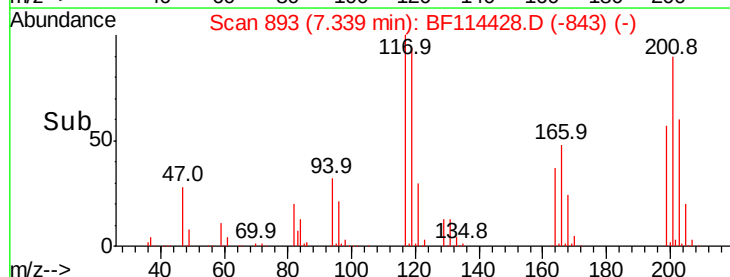
201 90.0 74.5 111.7

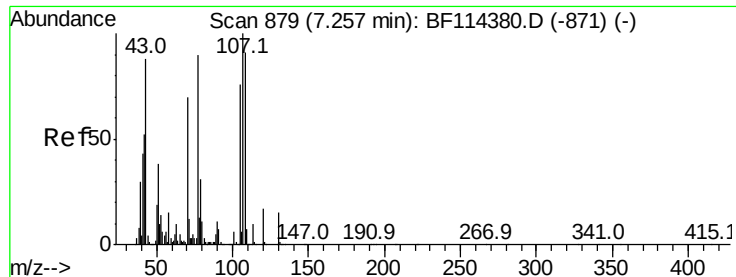


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

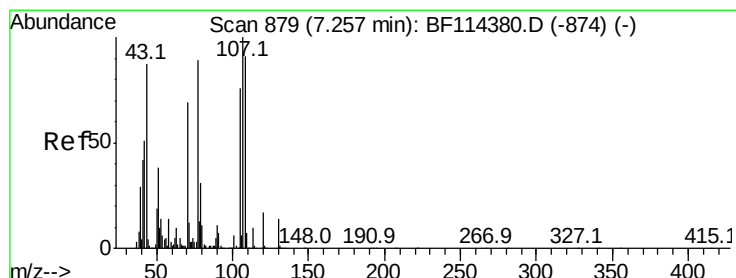
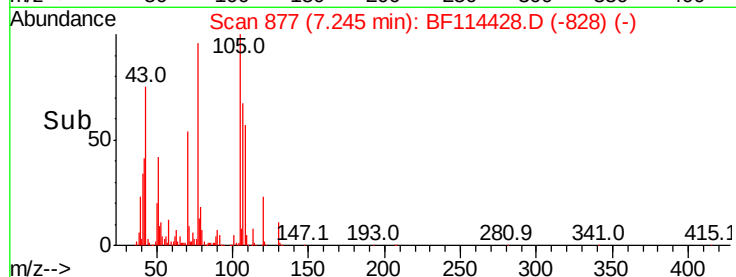
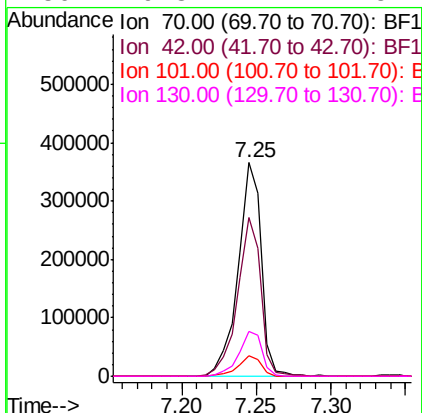
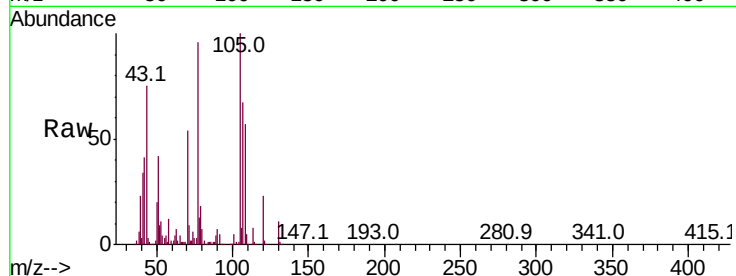




#19
n-Nitroso-di-n-propylamine
Concen: 39.208 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

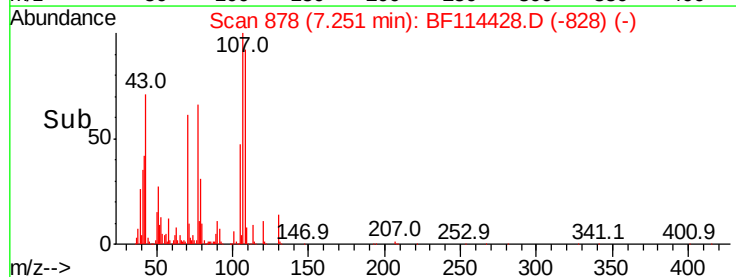
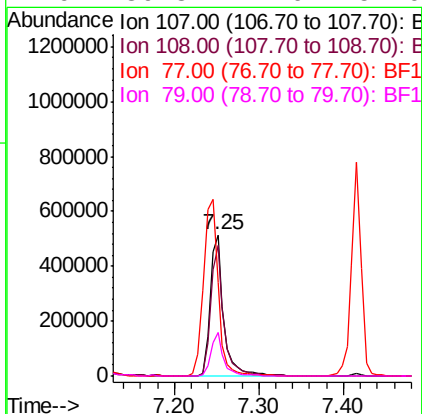
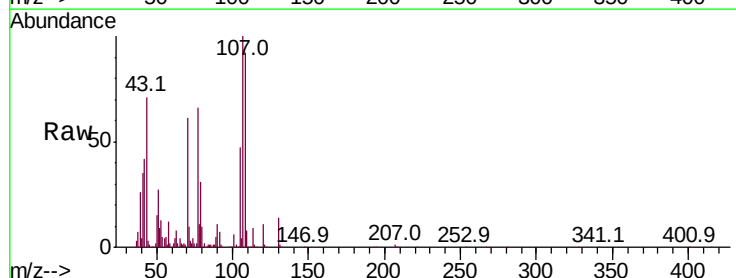
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

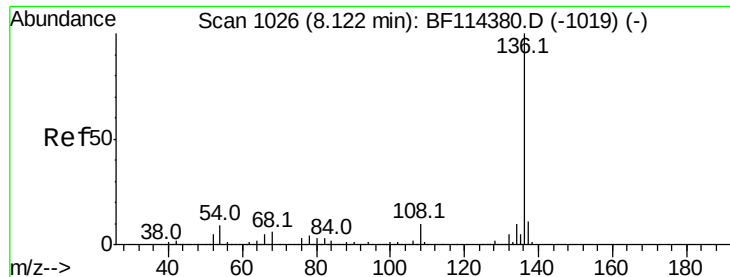
Tot Ion:	70	Resp:	395095
Ion	Ratio	Lower	Upper
70	100		
42	74.5	58.6	87.8
101	9.6	7.8	11.8
130	20.8	17.1	25.7



#20
3+4-Methylphenols
Concen: 42.626 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:	107	Resp:	580538
Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.8	113.8
77	65.6	111.5	151.5
79	30.8	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 862543

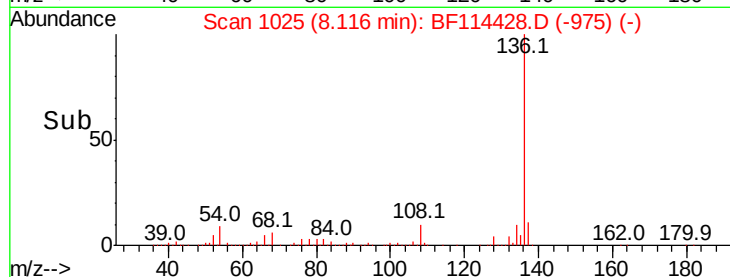
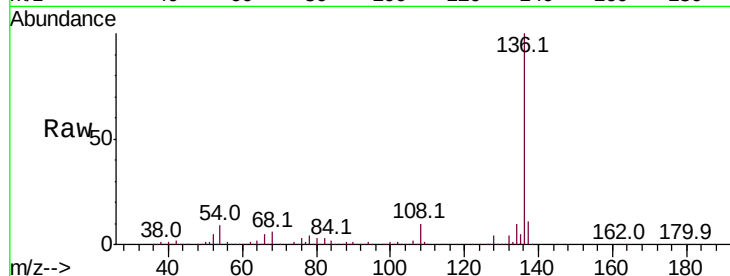
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.0 7.8 11.8

68 5.8 5.1 7.7

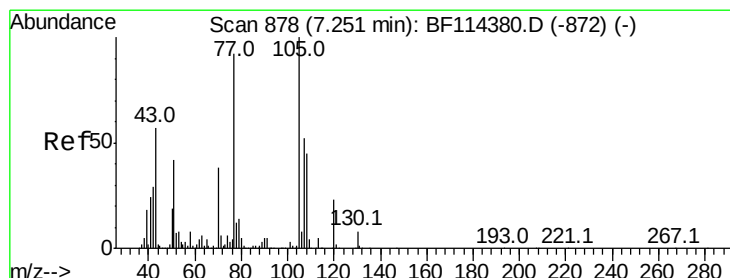
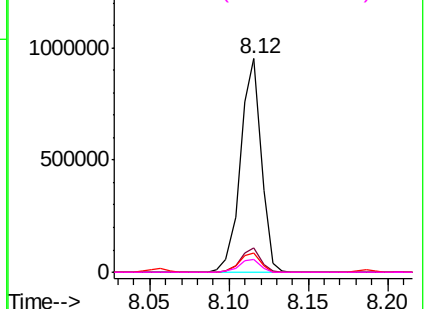


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.805 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Tgt Ion:105 Resp: 779707

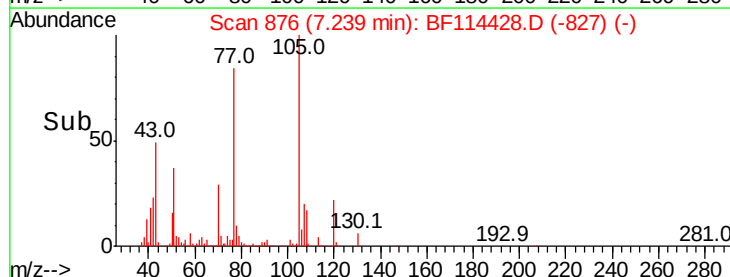
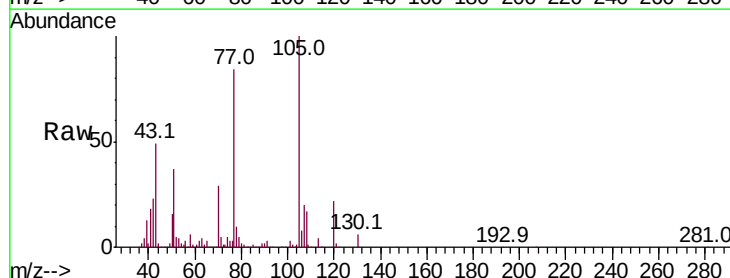
Ion Ratio Lower Upper

105 100

71 5.2 5.3 7.9#

51 37.1 36.2 54.4

120 22.3 18.6 28.0

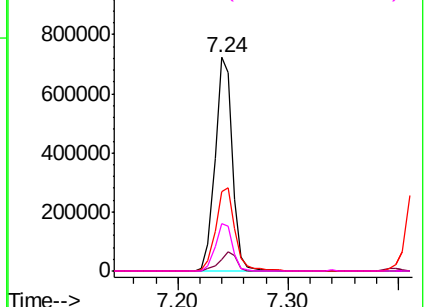


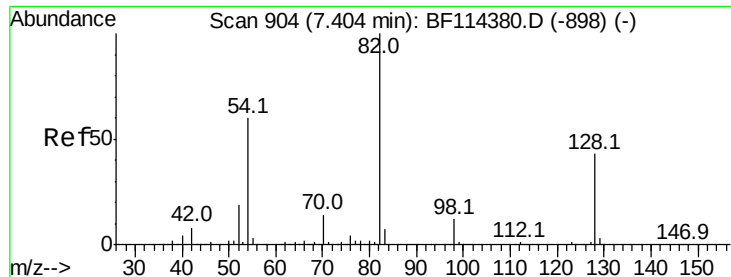
Abundance Ion 105.00 (104.70 to 105.70): E

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



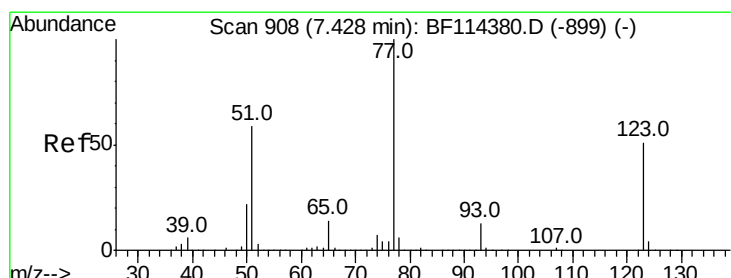
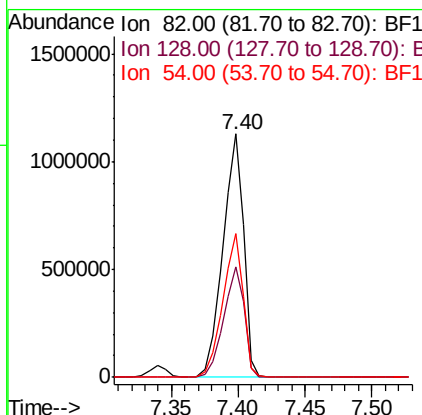
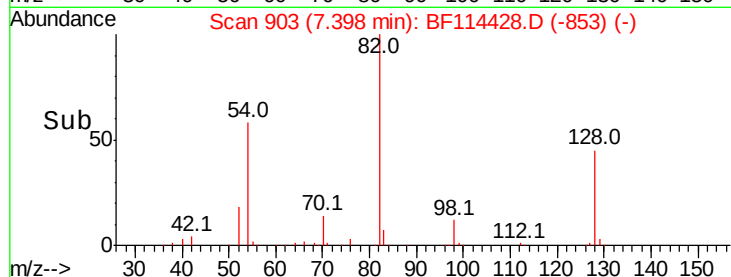
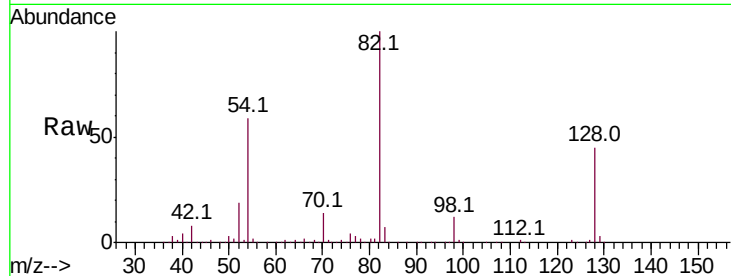


#23
 Nitrobenzene-d5
 Concen: 80.477 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1236907

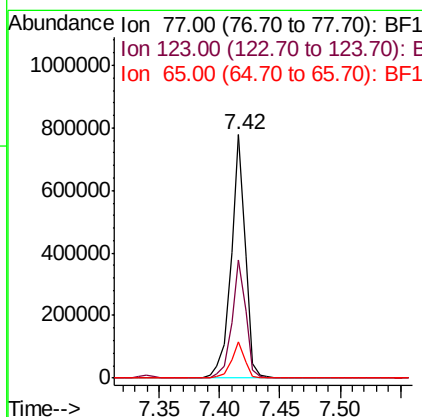
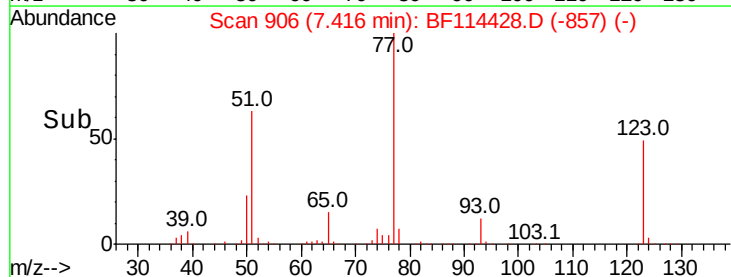
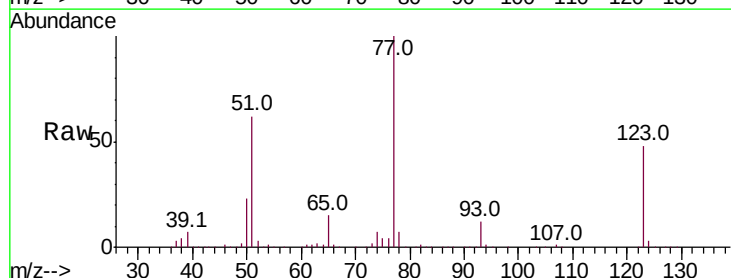
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.5	53.3
54	58.9	48.5	72.7

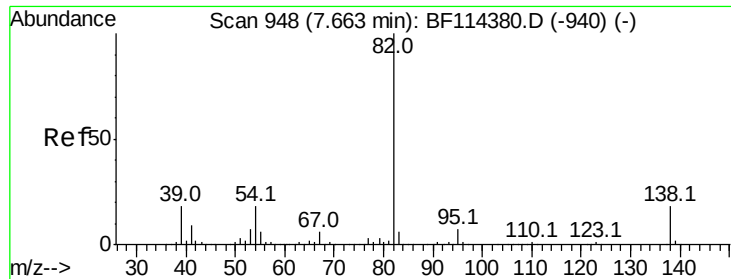


#24
 Nitrobenzene
 Concen: 40.280 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Tgt Ion: 77 Resp: 630546

Ion	Ratio	Lower	Upper
77	100		
123	48.4	36.9	55.3
65	14.9	11.8	17.6





#25

Isophorone

Concen: 39.360 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

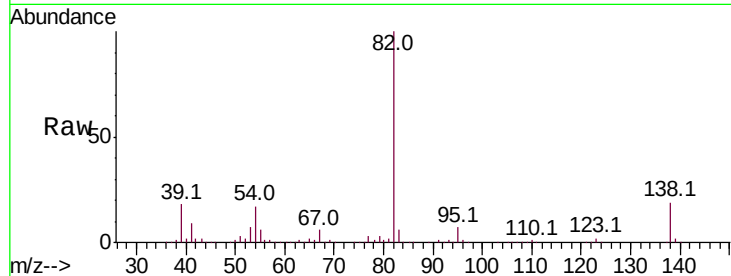
Tot Ion: 82 Resp: 1121949

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

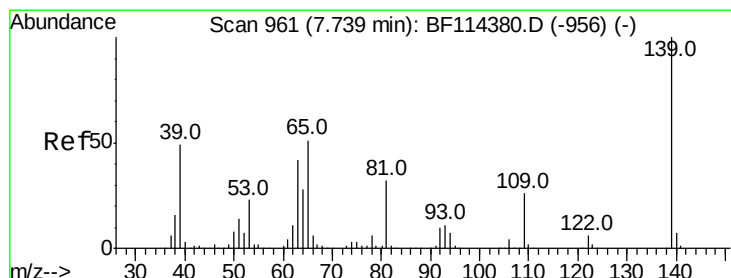
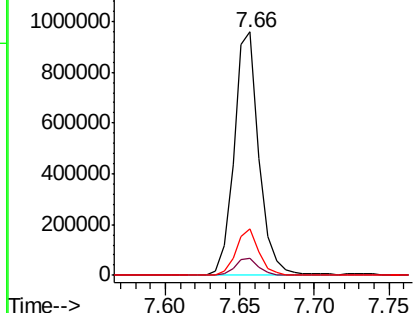
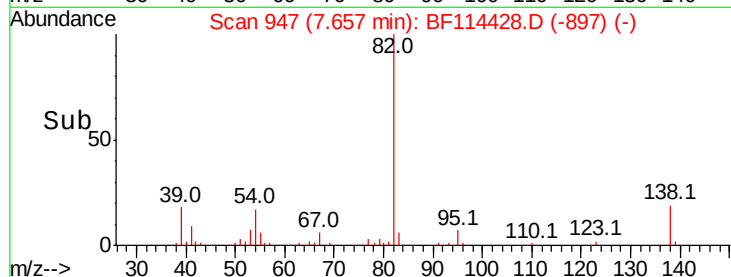
138 19.0 14.8 22.2



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: 41.360 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

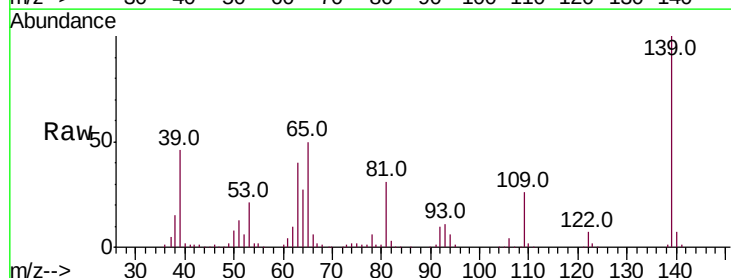
Tgt Ion:139 Resp: 314121

Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

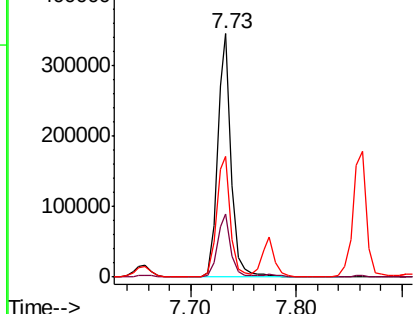
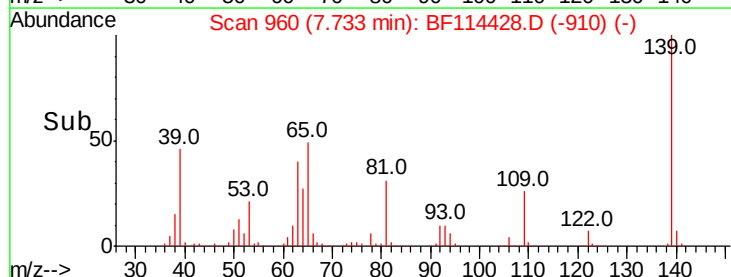
65 49.7 40.2 60.2

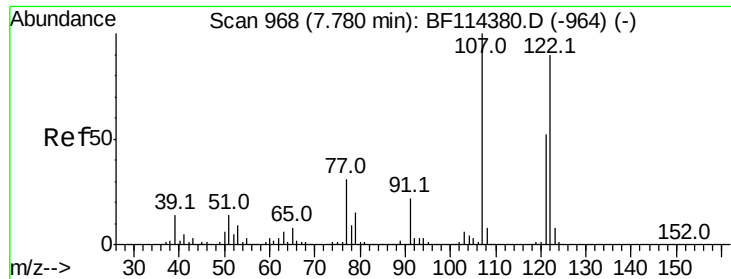


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

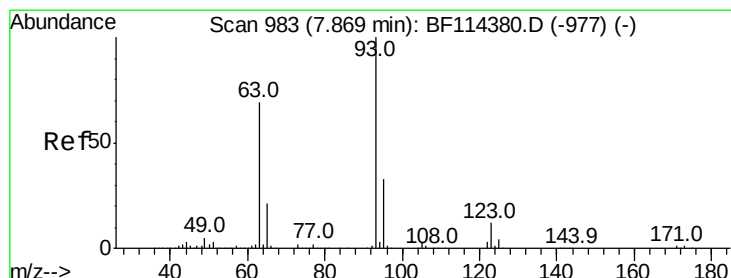
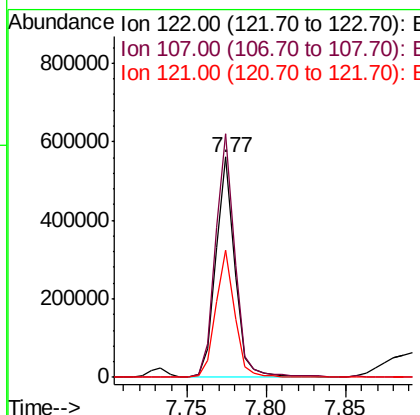
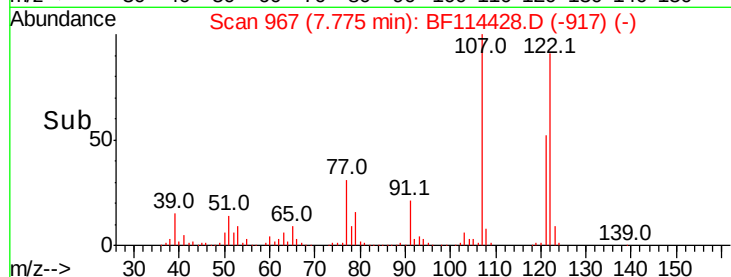
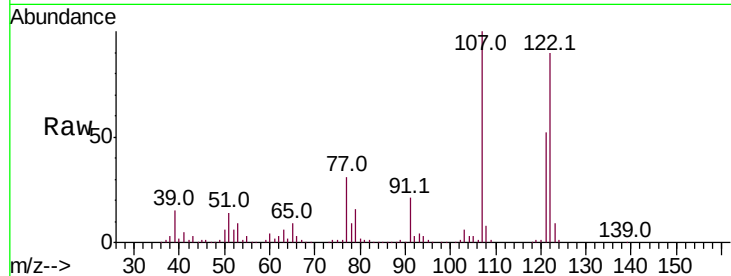




#27
2,4-Dimethylphenol
Concen: 39.316 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

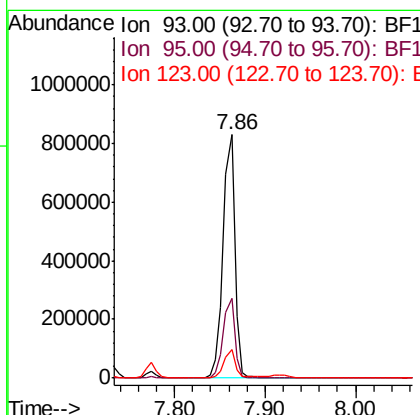
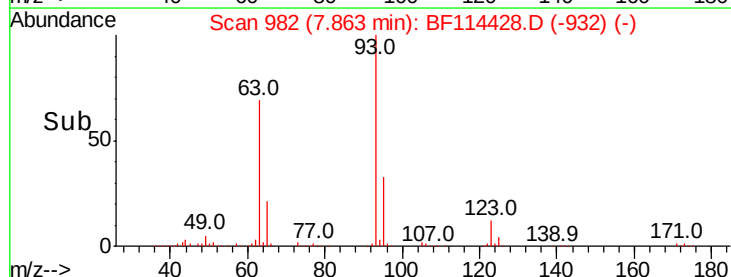
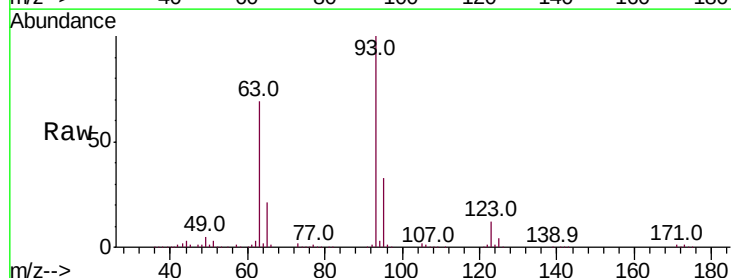
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

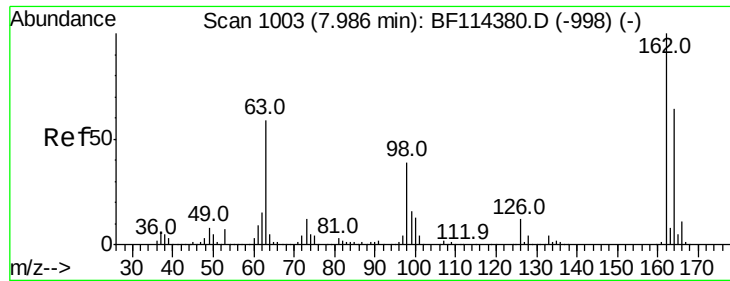
Tot Ion:122 Resp: 468973
Ion Ratio Lower Upper
122 100
107 110.5 88.4 132.6
121 57.8 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.974 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion: 93 Resp: 739312
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 11.9 9.5 14.3

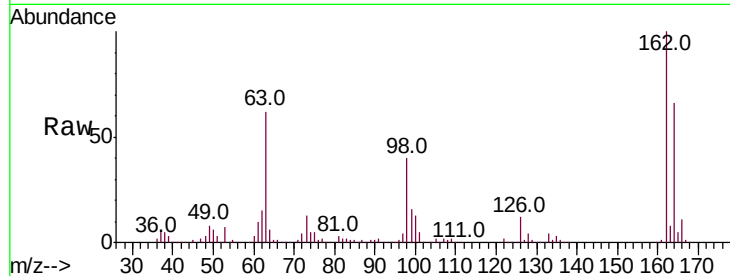




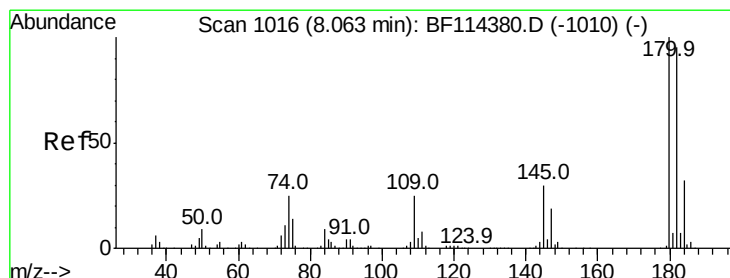
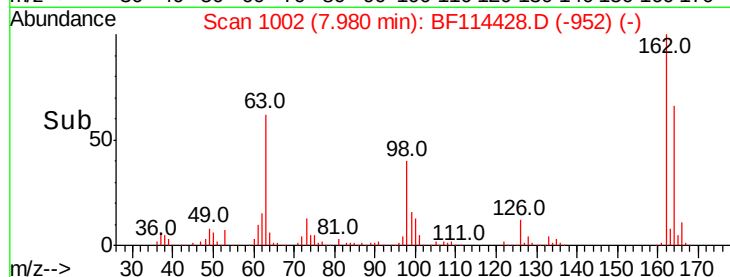
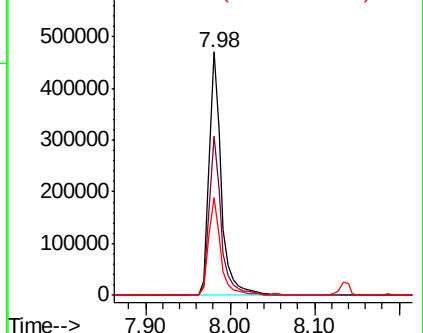
#29
 2,4-Dichlorophenol
 Concen: 40.480 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 480805
 Ion Ratio Lower Upper
 162 100
 164 65.6 43.6 83.6
 98 40.3 20.6 60.6

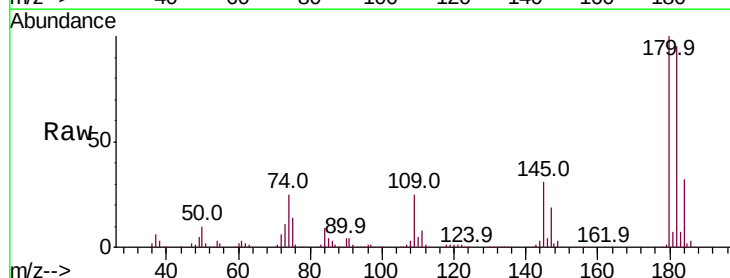


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

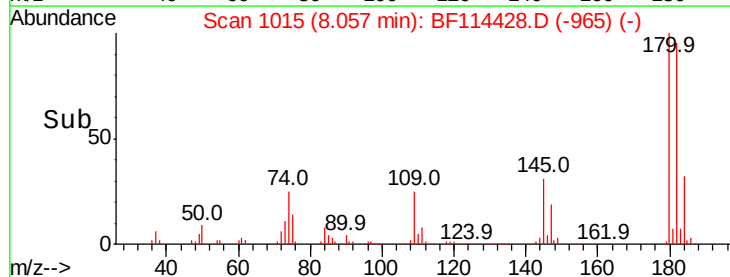
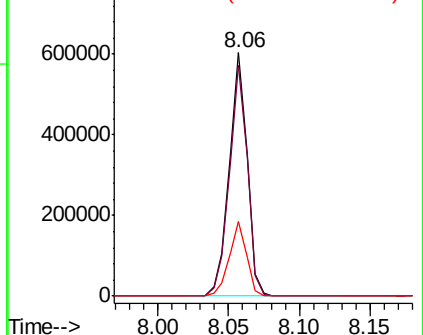


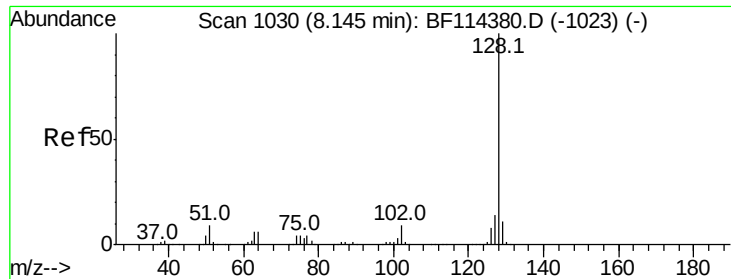
#30
 1,2,4-Trichlorobenzene
 Concen: 39.592 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Tgt Ion:180 Resp: 534752
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.6 114.8
 145 30.8 25.1 37.7



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

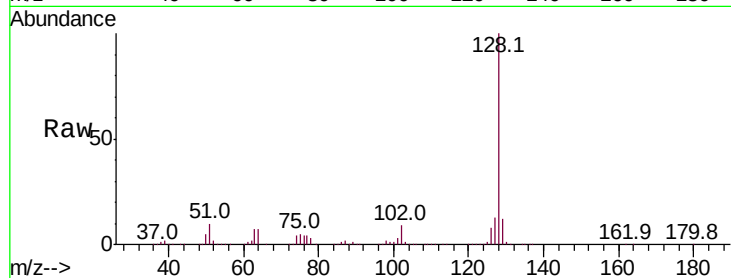




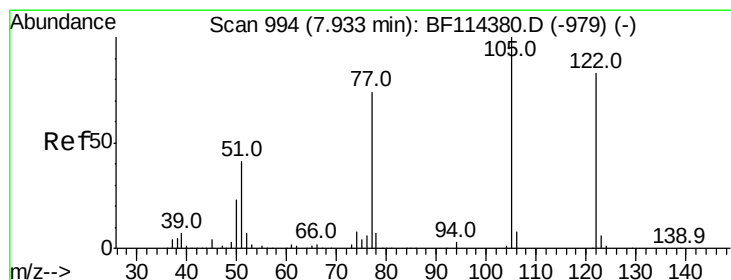
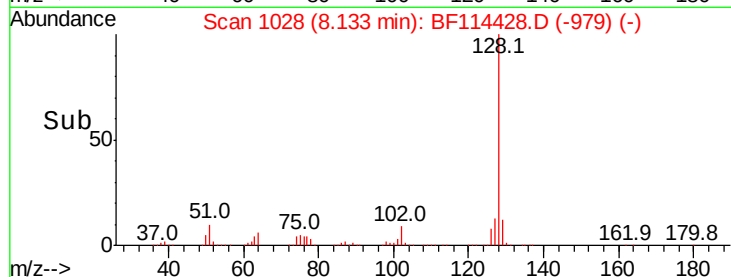
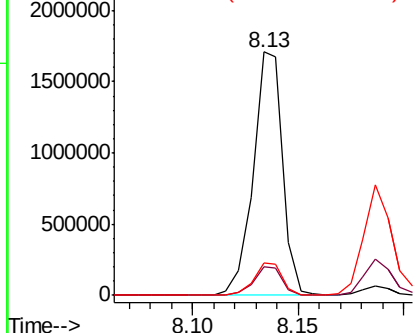
#31
Naphthalene
Concen: 41.216 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1660632
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.4 11.3 16.9

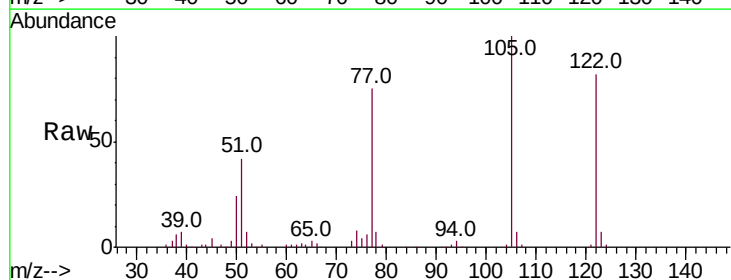


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

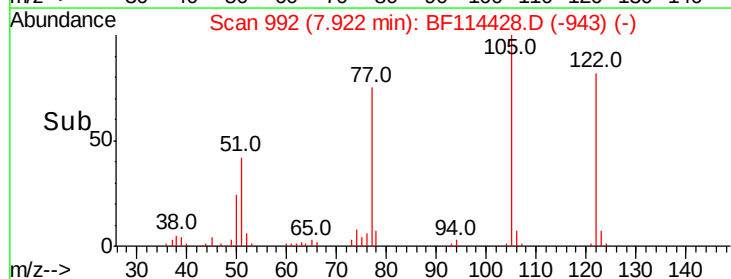
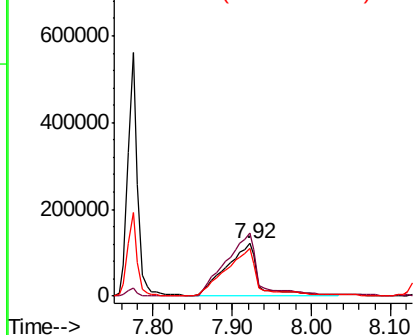


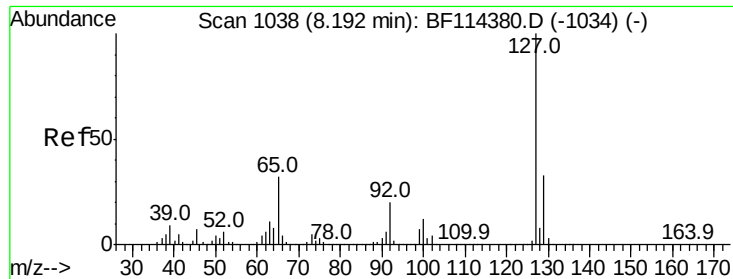
#32
Benzoic acid
Concen: 40.459 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:122 Resp: 333128
Ion Ratio Lower Upper
122 100
105 121.8 99.9 139.9
77 91.6 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

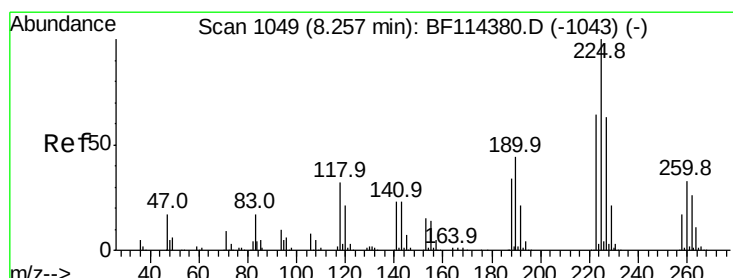
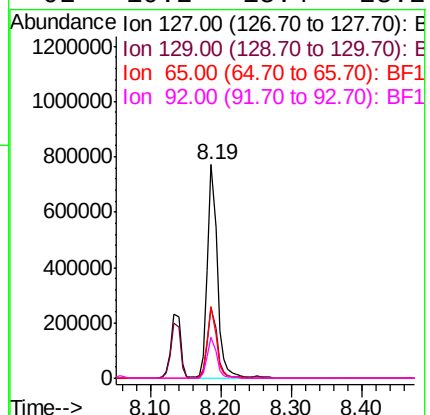
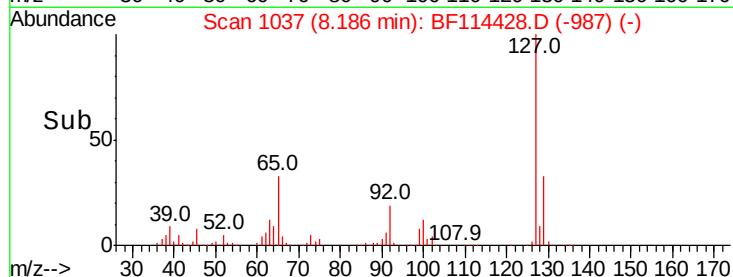
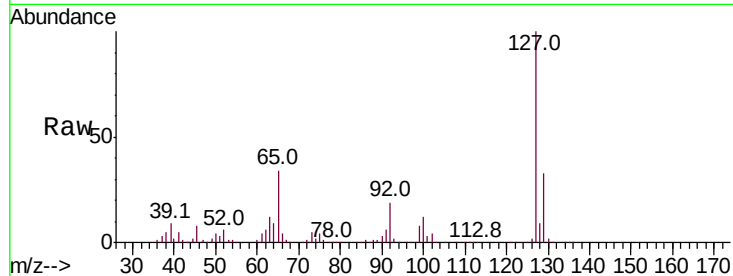




#33
4-Chloroaniline
Concen: 41.483 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

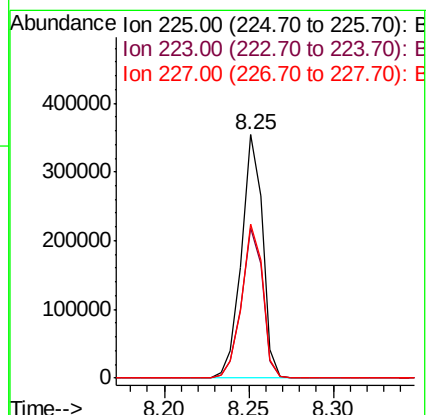
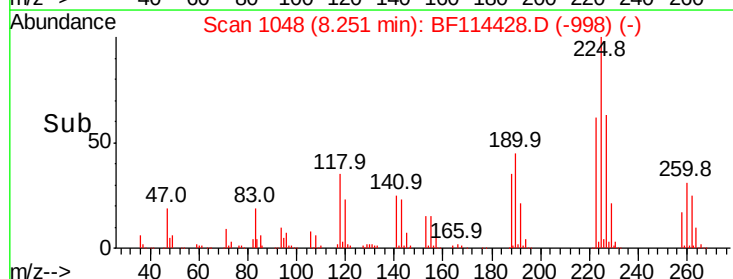
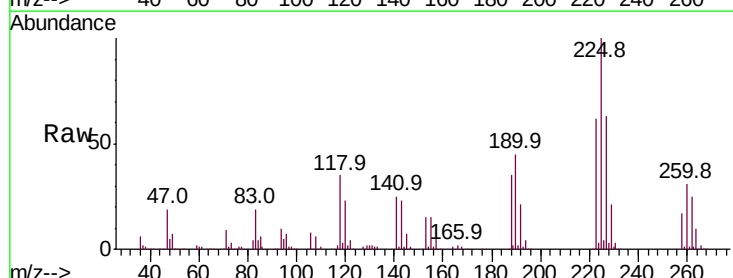
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

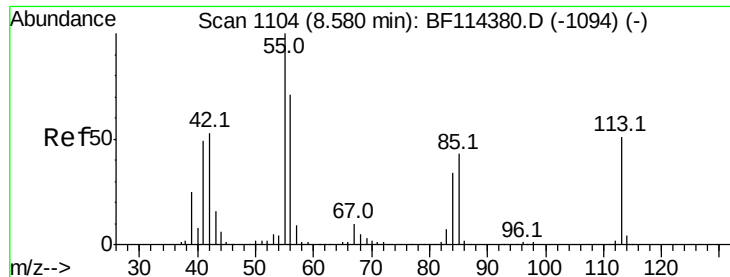
Tot Ion:127	Resp:	761629
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.7 40.1
65	33.7	25.4 38.0
92	19.2	15.4 23.2



#34
Hexachlorobutadiene
Concen: 40.196 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:225	Resp:	308902
Ion Ratio	Lower	Upper
225	100	
223	61.7	50.2 75.2
227	63.4	52.6 79.0





#35

Caprolactam

Concen: 43.920 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

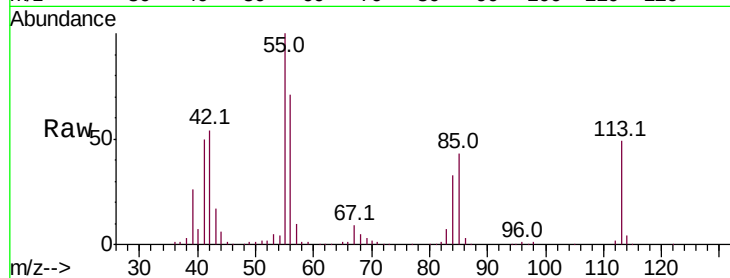
Tot Ion:113 Resp: 170101

Ion Ratio Lower Upper

113 100

55 205.7 183.5 223.5

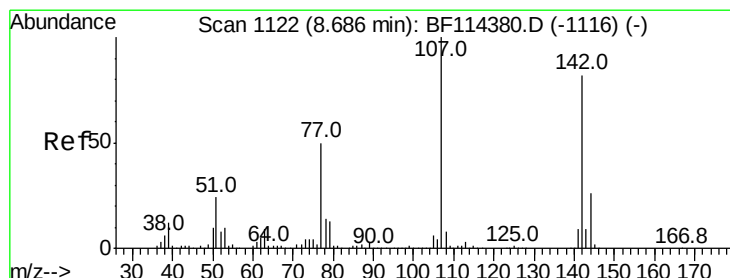
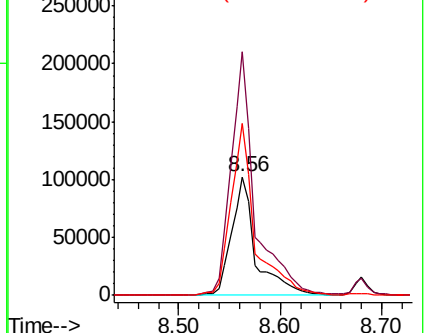
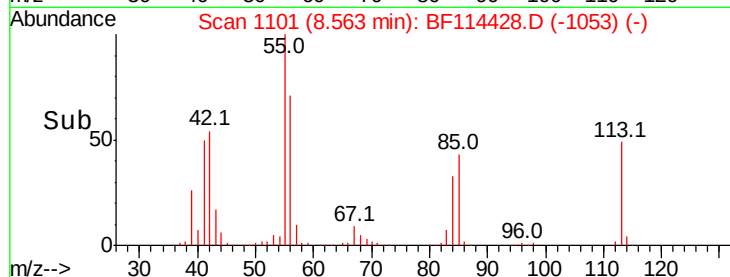
56 145.4 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.581 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

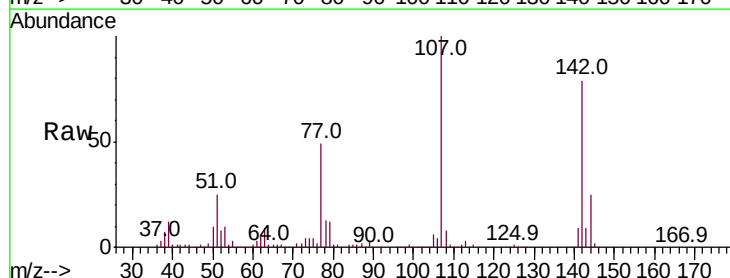
Tgt Ion:107 Resp: 509098

Ion Ratio Lower Upper

107 100

144 25.2 20.4 30.6

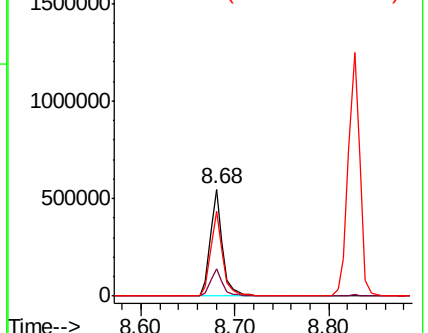
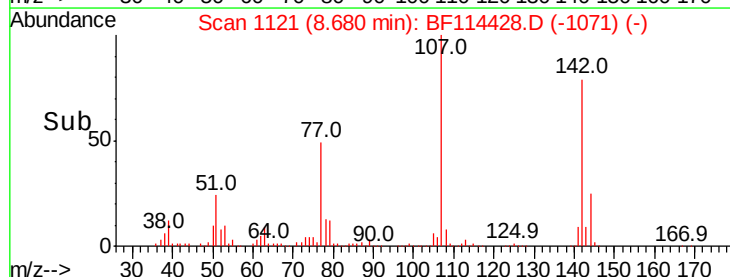
142 79.0 64.2 96.4

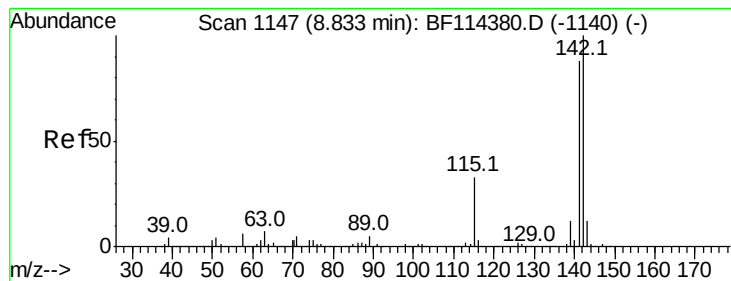


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.370 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

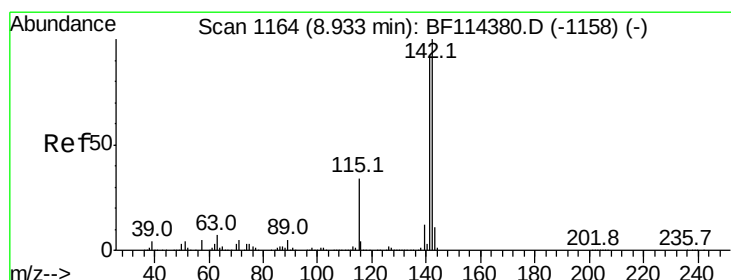
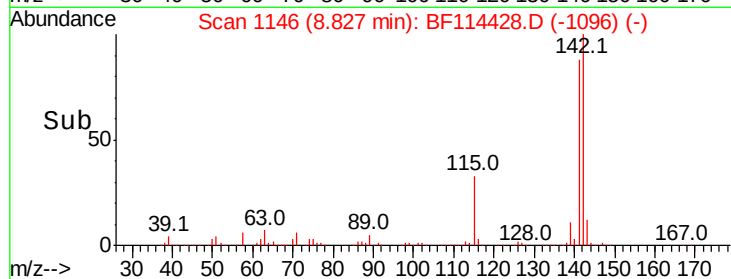
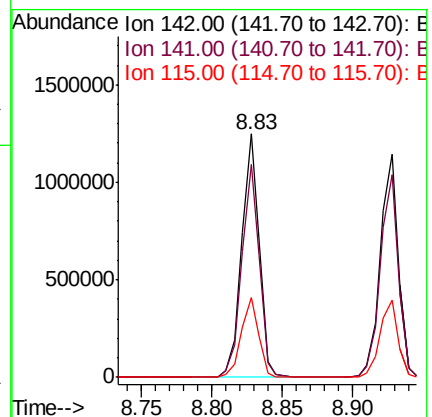
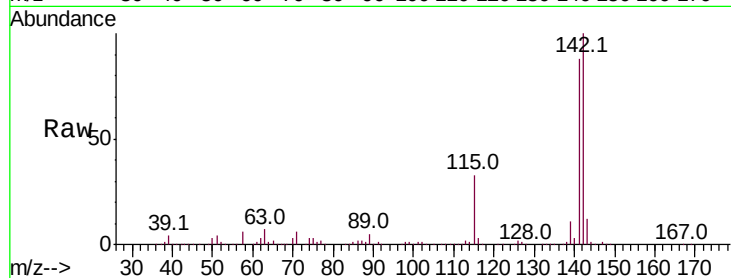
Tot Ion:142 Resp: 1075434

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1

115 32.7 28.0 42.0



#38

1-Methylnaphthalene

Concen: 41.534 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

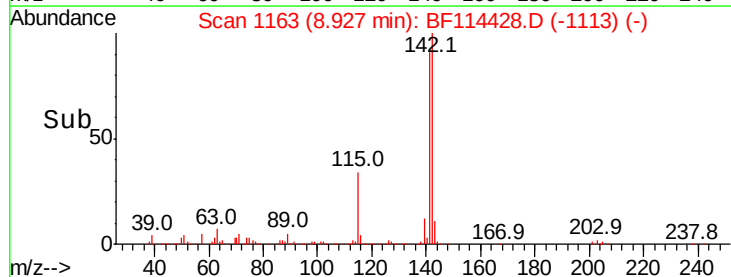
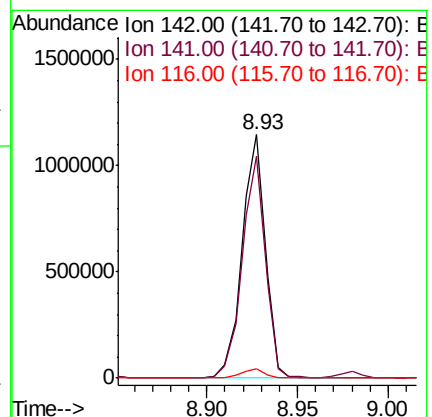
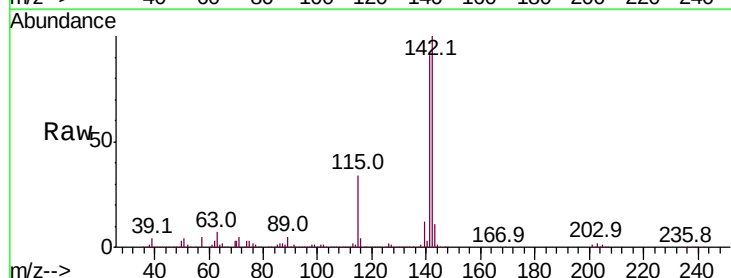
Tgt Ion:142 Resp: 1016772

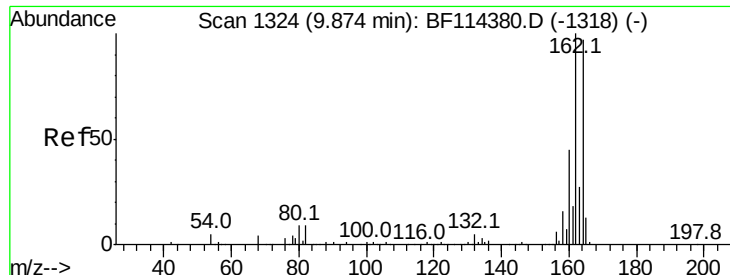
Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.0

116 3.7 3.1 4.7

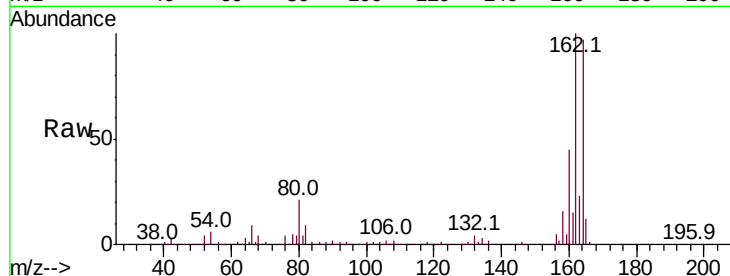




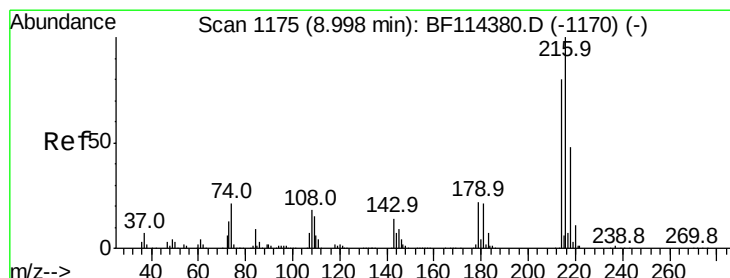
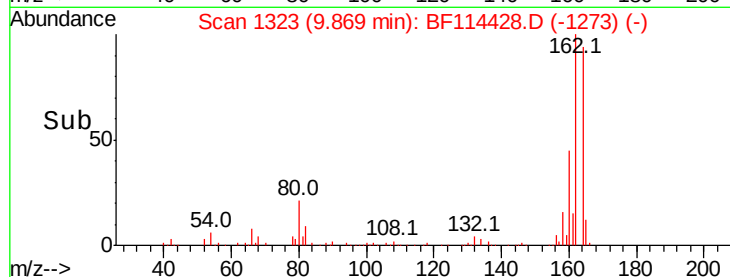
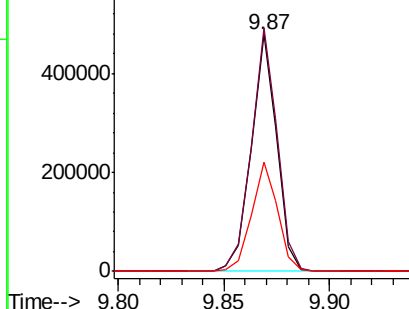
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:	164	Resp:	402391
Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	45.9	36.5	54.7

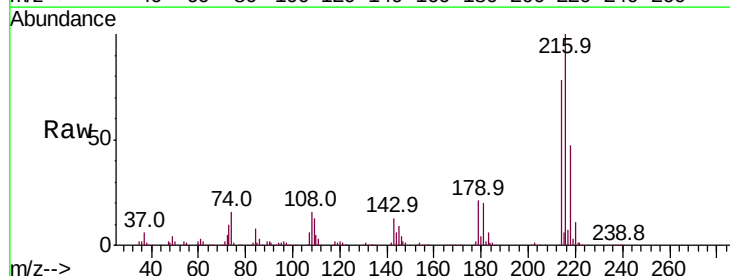


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

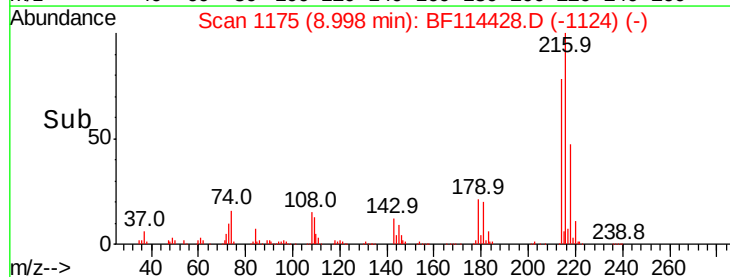
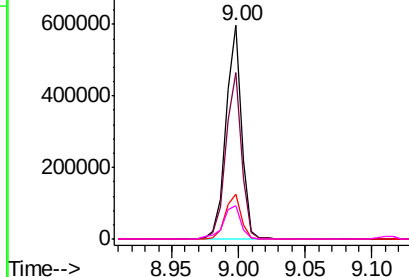


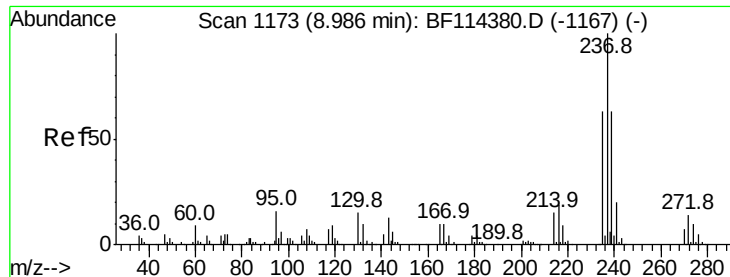
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.663 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Tgt Ion:	216	Resp:	495650
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.9	95.9
179	21.2	17.0	25.6
108	18.4	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

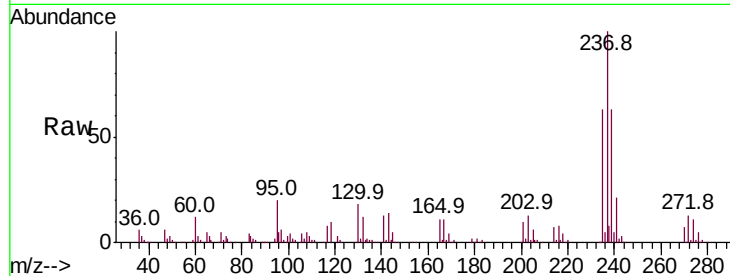




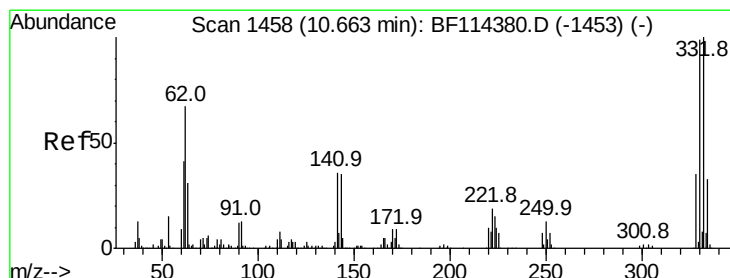
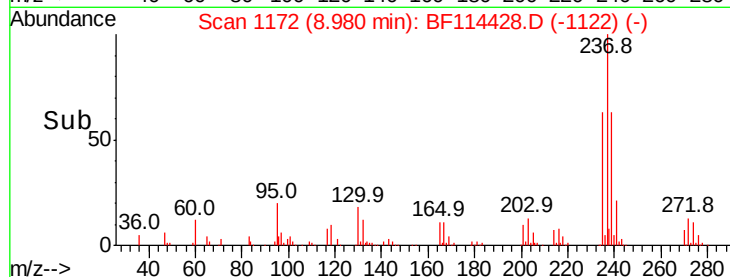
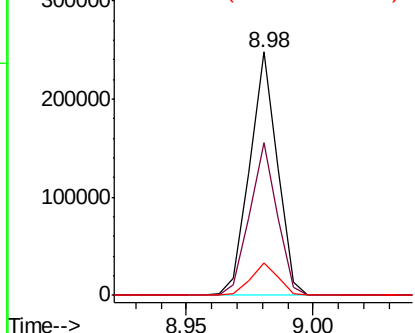
#41
Hexachlorocyclopentadiene
Concen: 35.819 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.0	82.0
272	13.3	0.0	32.4

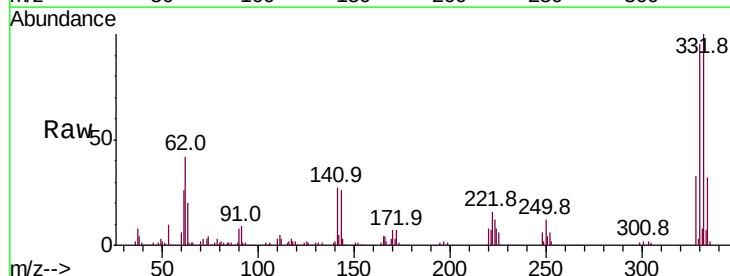


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

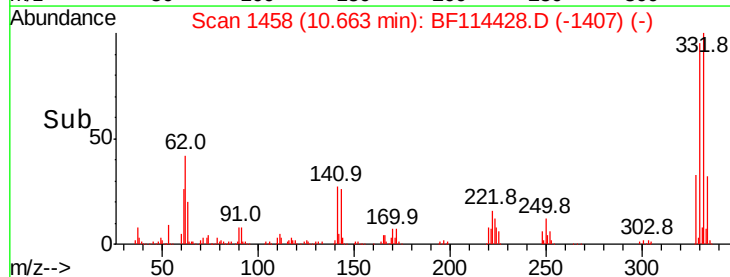
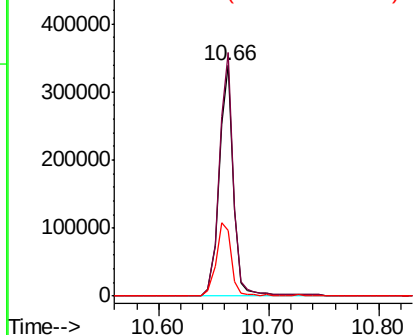


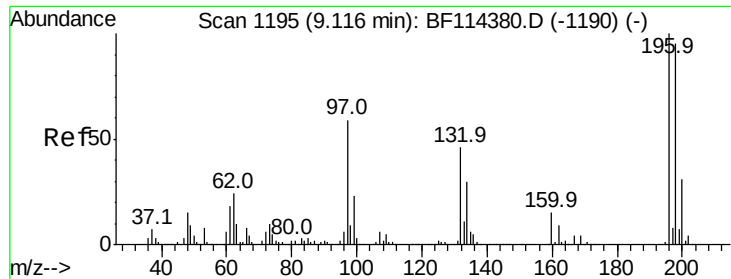
#42
2,4,6-Tribromophenol
Concen: 74.045 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.9	81.4	122.2
141	33.6	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

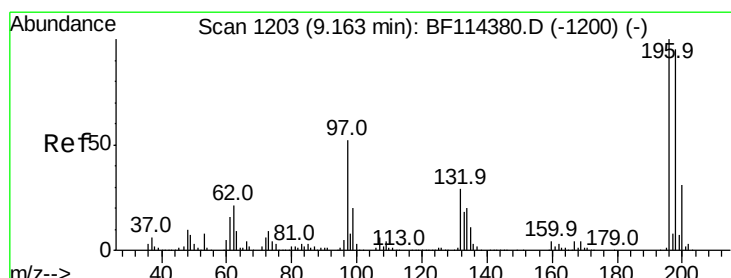
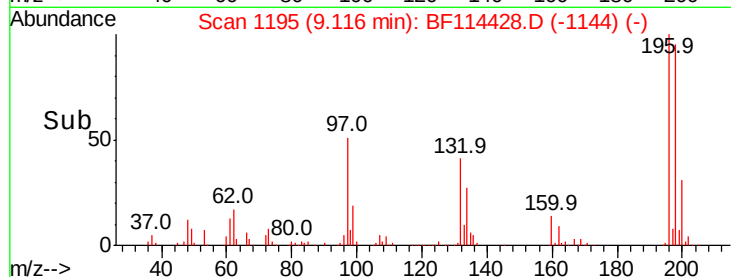
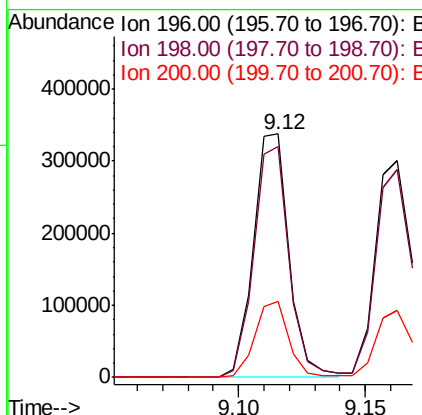
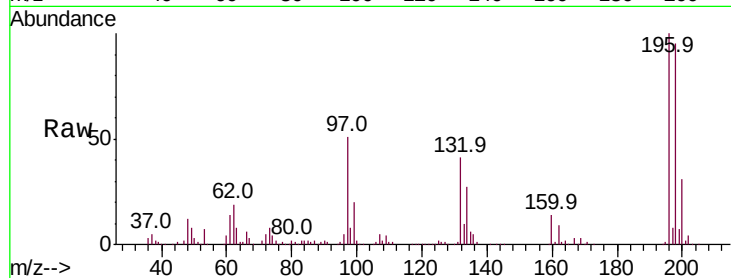




#43
 2,4,6-Trichlorophenol
 Concen: 39.570 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

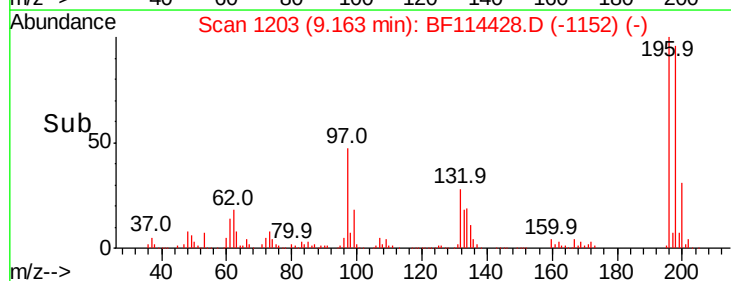
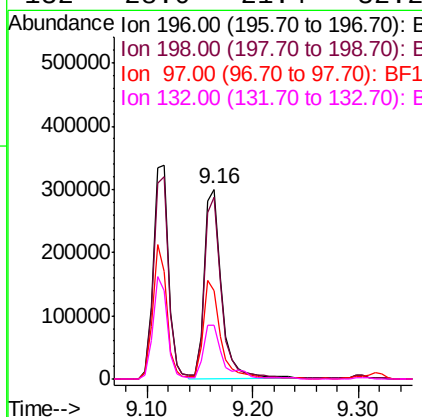
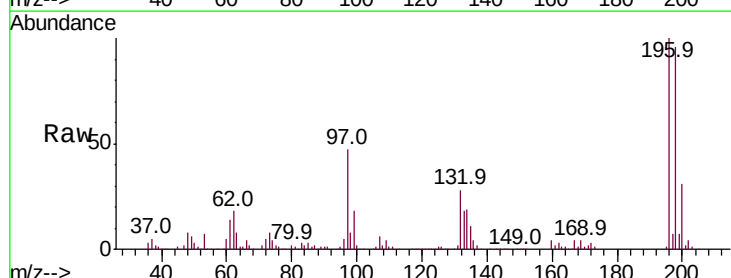
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

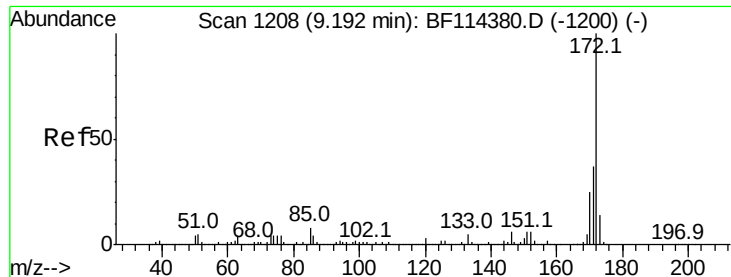
Tot Ion:196 Resp: 331758
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.9 113.9
 200 31.3 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.628 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Tgt Ion:196 Resp: 340735
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.7 116.5
 97 46.6 38.2 57.2
 132 28.0 21.4 32.2

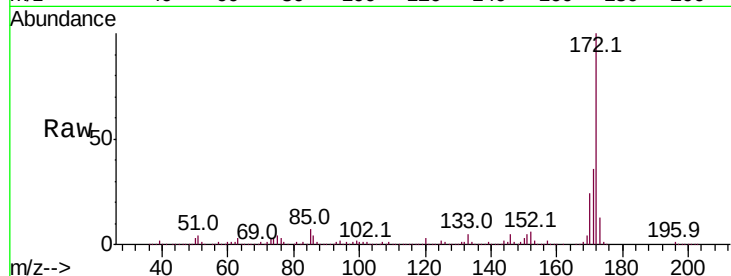




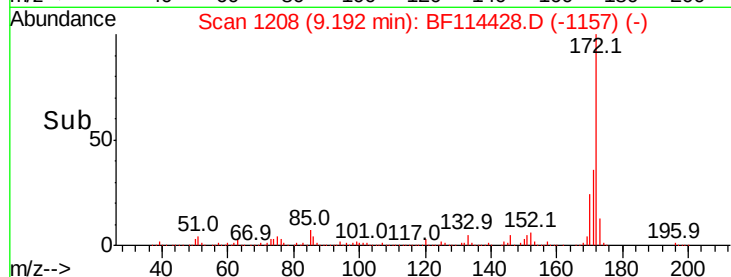
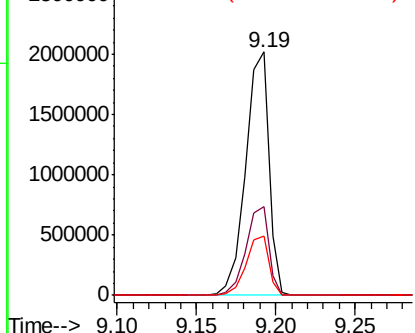
#45
2-Fluorobiphenyl
Concen: 77.011 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2048609
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.3 20.5 30.7

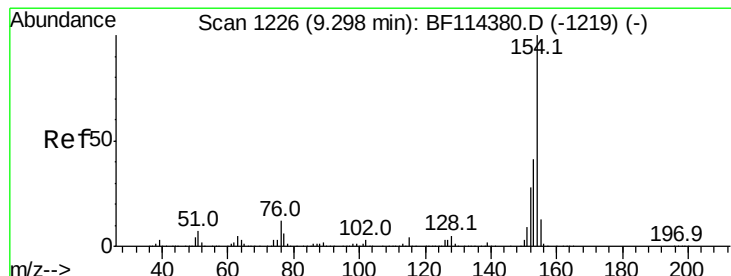


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

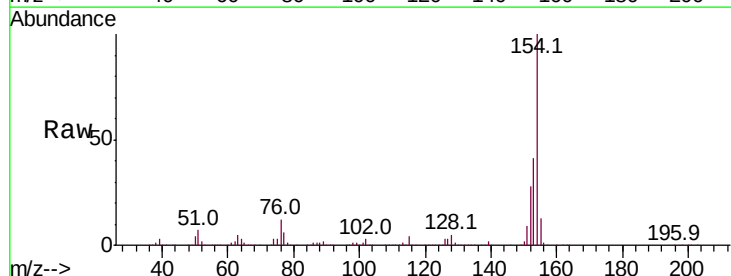
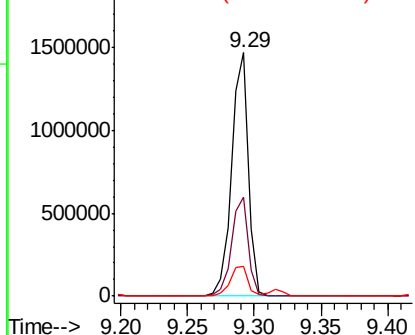


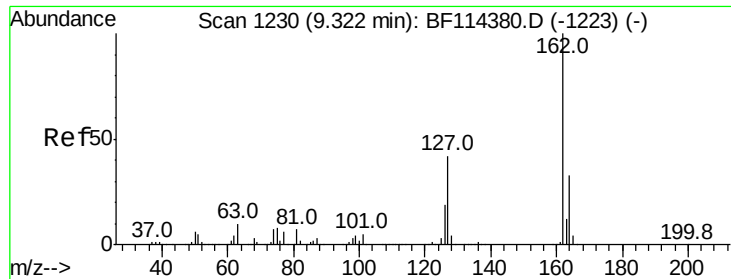
#46
1,1'-Biphenyl
Concen: 40.048 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:154 Resp: 1301877
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 12.5 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

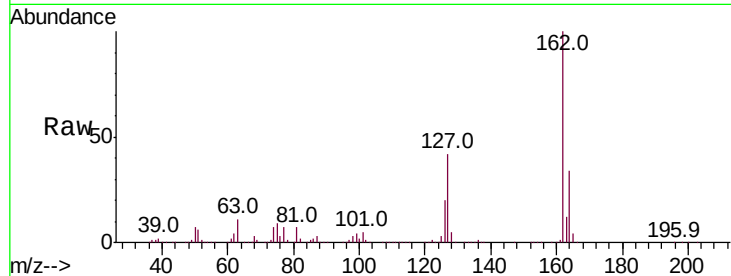




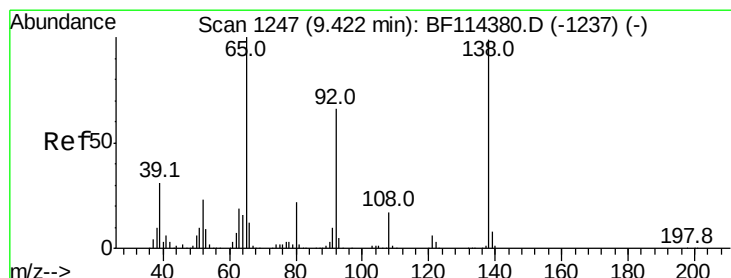
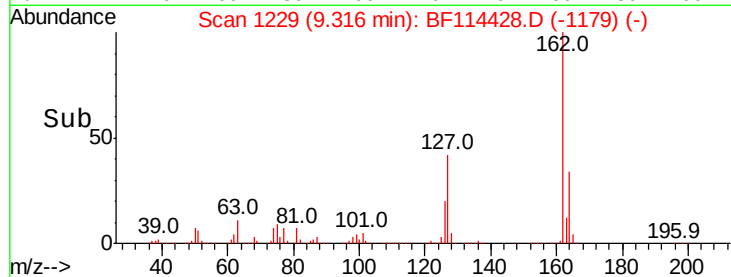
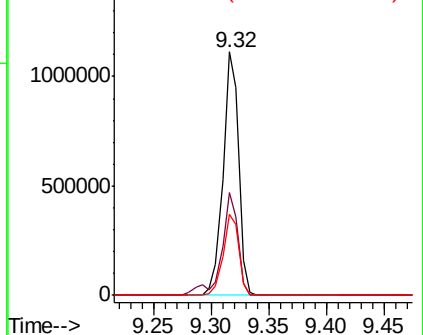
#47
 2-Chloronaphthalene
 Concen: 39.894 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1043701
 Ion Ratio Lower Upper
 162 100
 127 42.4 34.0 51.0
 164 33.5 26.7 40.1

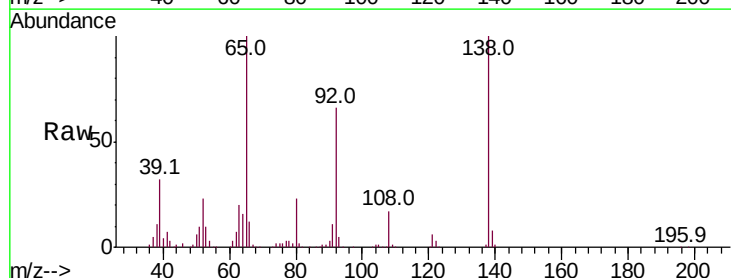


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

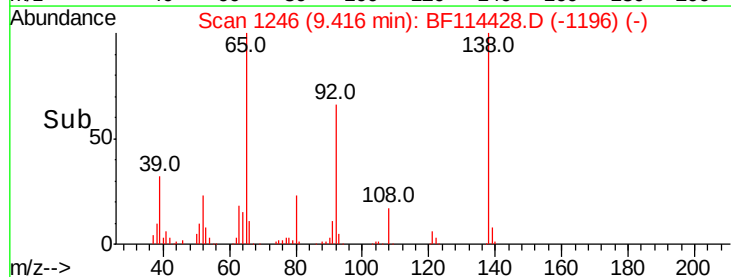
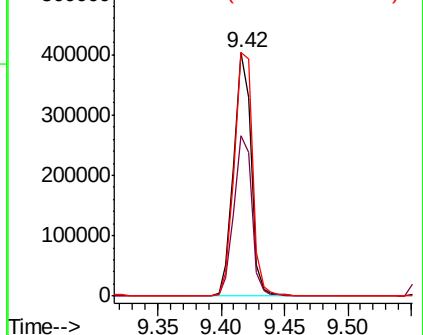


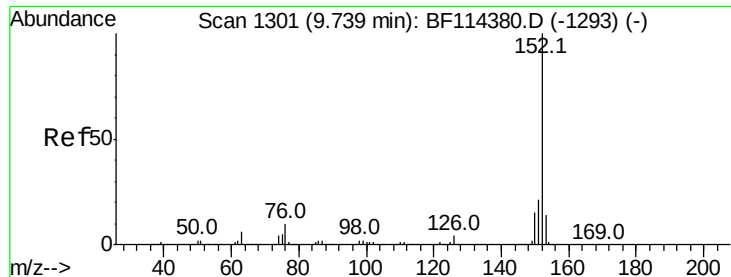
#48
 2-Nitroaniline
 Concen: 41.085 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114428.D
 Acq: 20 May 2019 10:26

Tgt Ion: 65 Resp: 381199
 Ion Ratio Lower Upper
 65 100
 92 66.0 53.9 80.9
 138 100.2 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.954 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

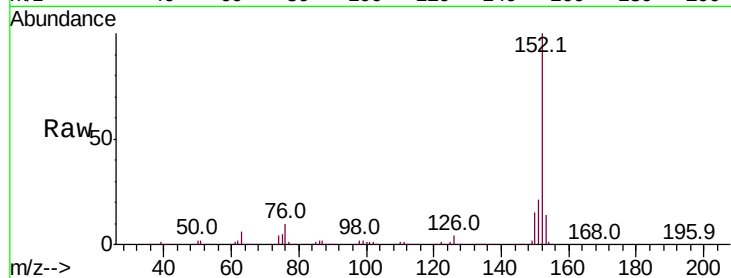
Tot Ion:152 Resp: 1589791

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

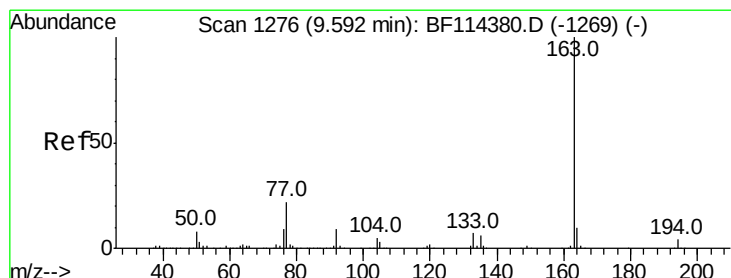
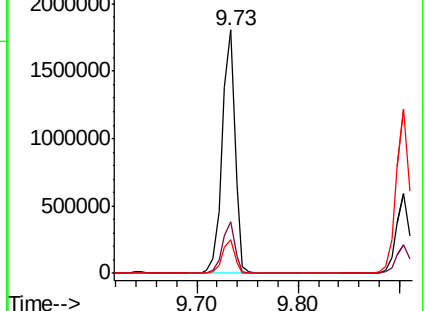
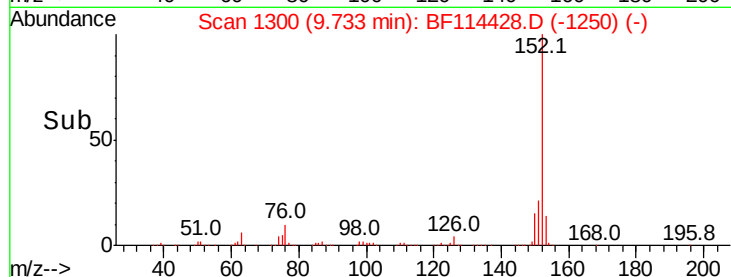
153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.154 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

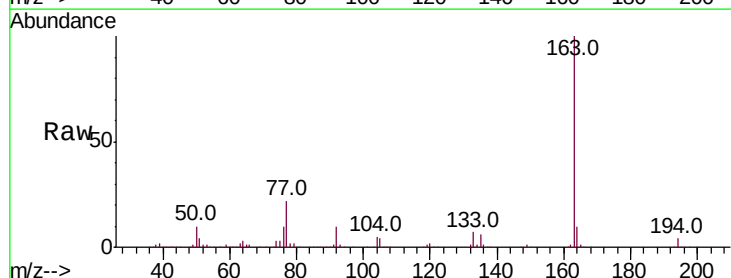
Tgt Ion:163 Resp: 1186115

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

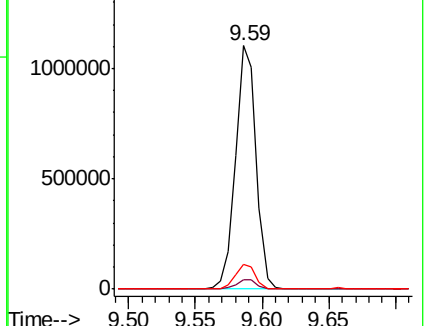
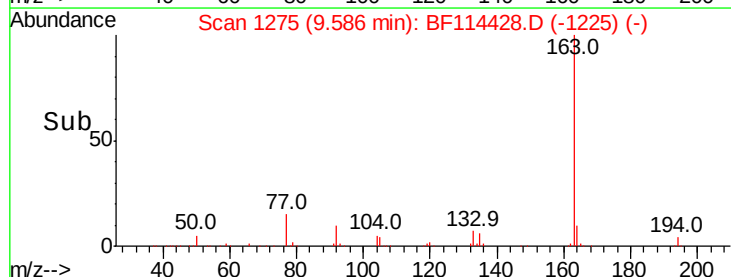
164 10.4 8.2 12.2

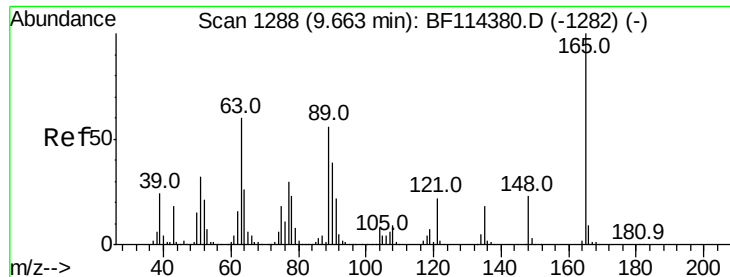


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.377 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

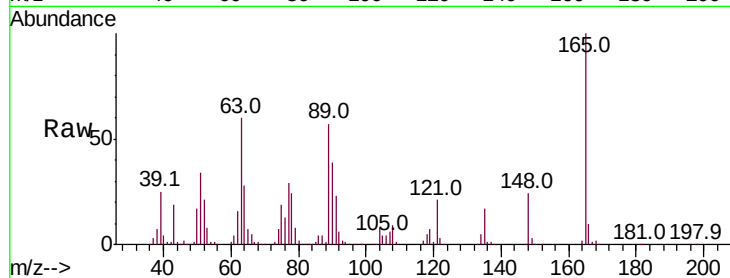
Tot Ion:165 Resp: 264540

Ion Ratio Lower Upper

165 100

63 60.2 50.2 75.4

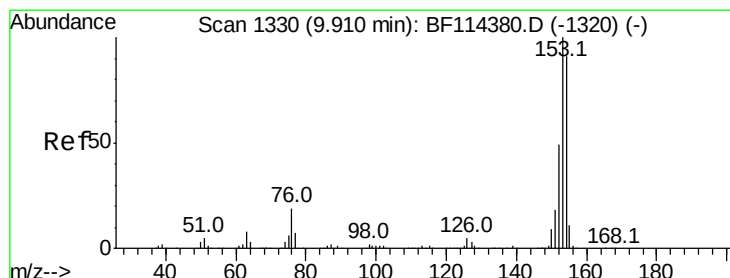
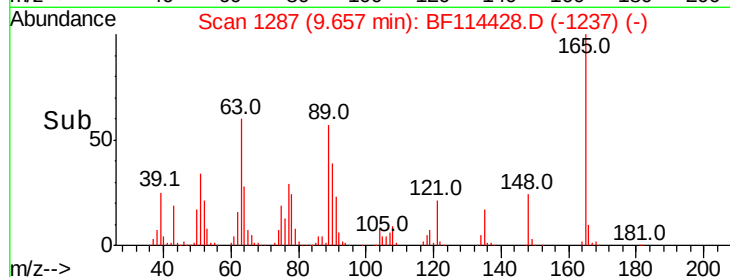
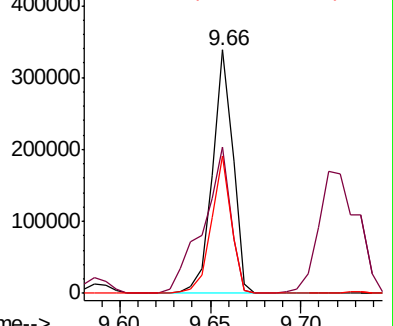
89 56.5 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.741 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

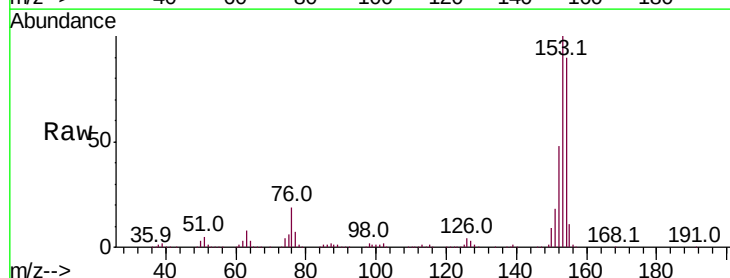
Tgt Ion:154 Resp: 945939

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

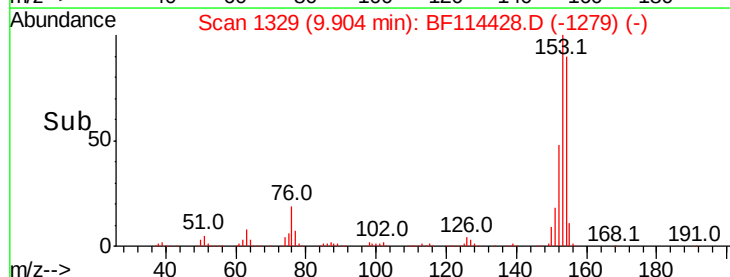
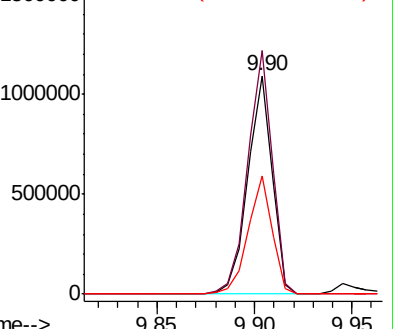
152 54.0 43.4 65.2

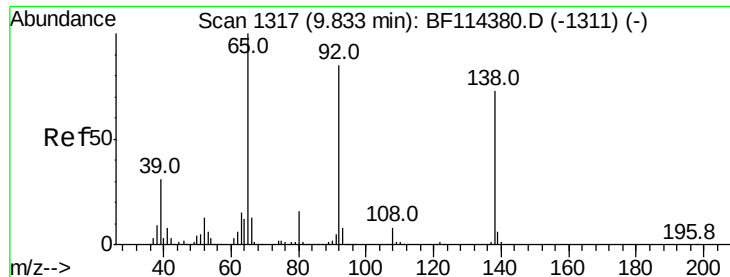


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

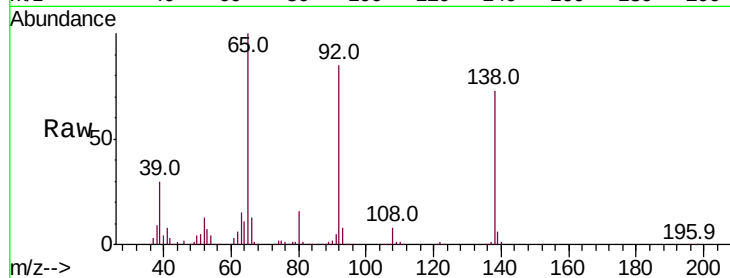




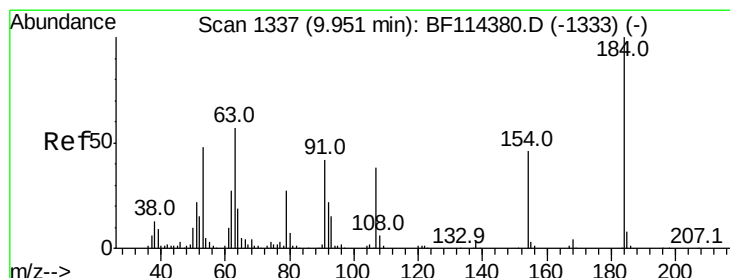
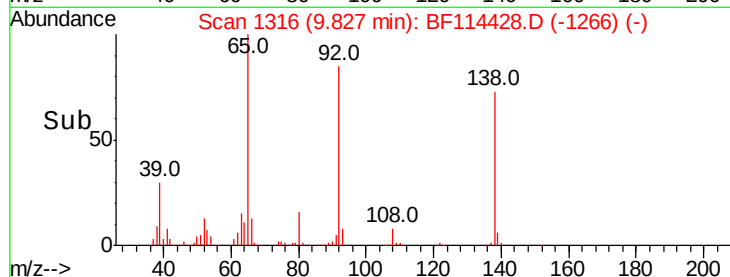
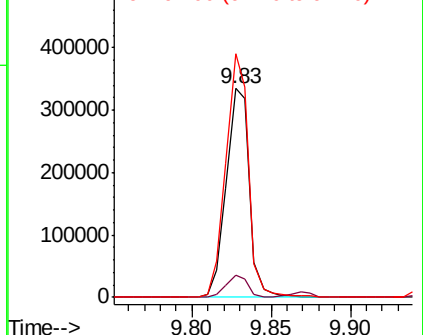
#53
3-Nitroaniline
Concen: 41.696 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 339111
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 116.6 91.2 136.8

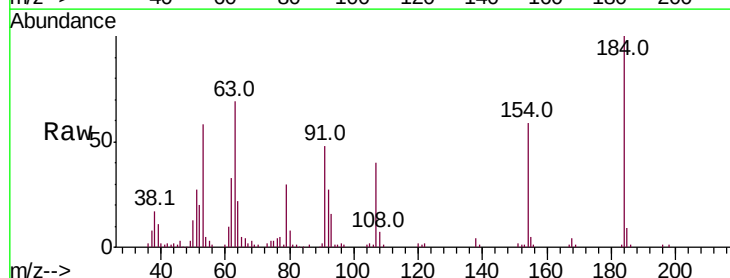


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

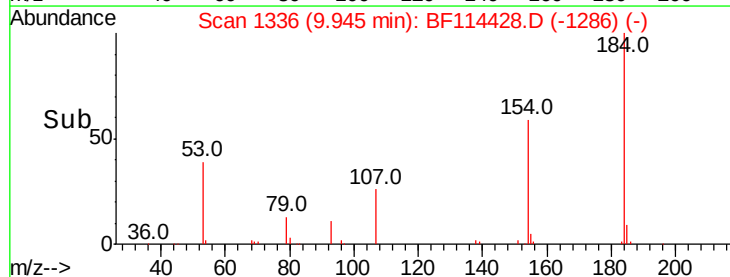
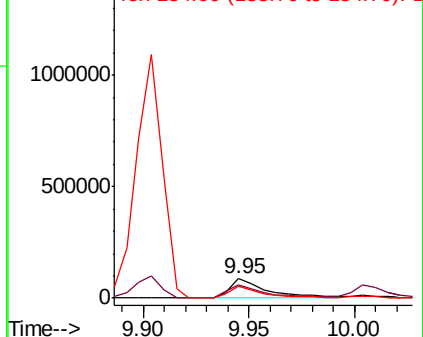


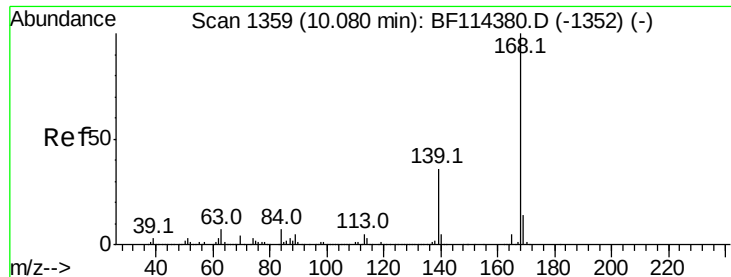
#54
2,4-Dinitrophenol
Concen: 35.638 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:184 Resp: 103952
Ion Ratio Lower Upper
184 100
63 69.1 55.6 83.4
154 58.7 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: 37.913 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

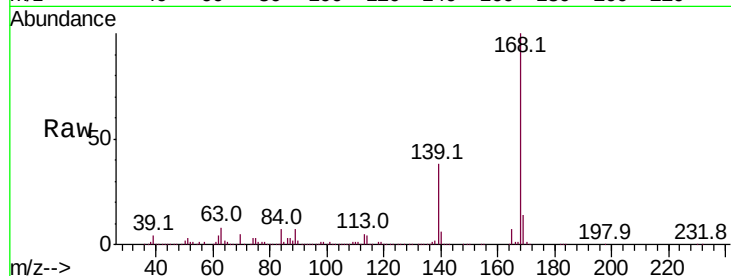
Tot Ion:168 Resp: 1357443

Ion Ratio Lower Upper

168 100

139 38.4 31.1 46.7

169 14.0 11.4 17.0

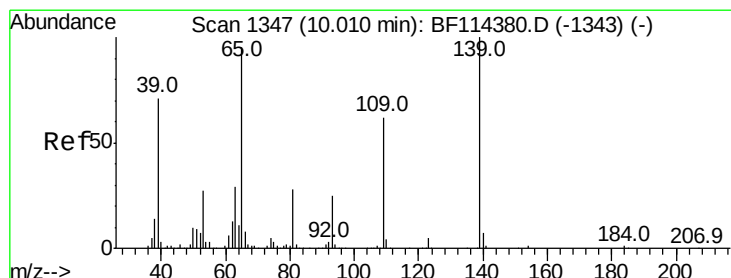
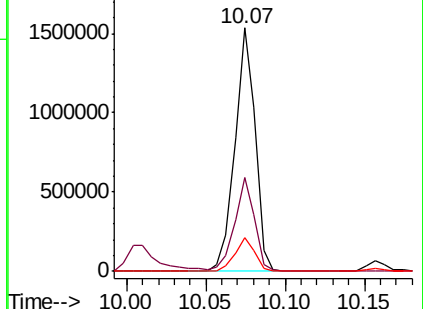
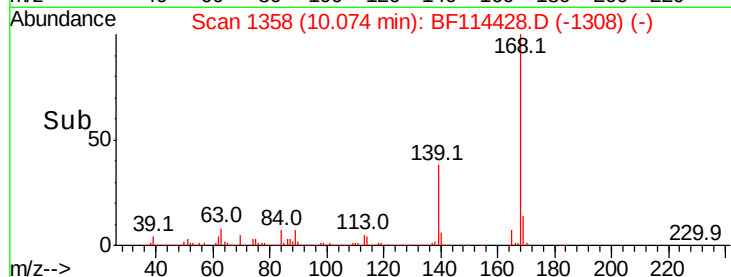


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



#56

4-Nitrophenol

Concen: 37.690 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

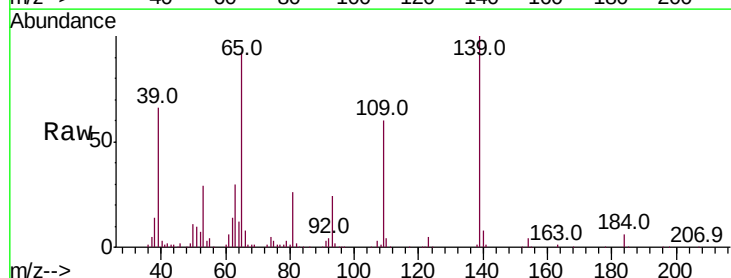
Tgt Ion:139 Resp: 216777

Ion Ratio Lower Upper

139 100

109 60.2 43.9 83.9

65 92.0 85.7 125.7

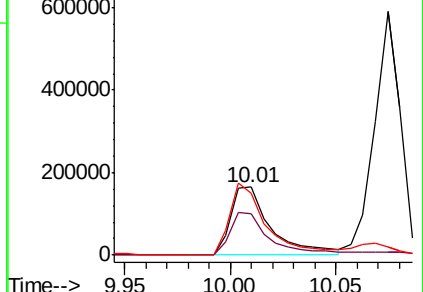
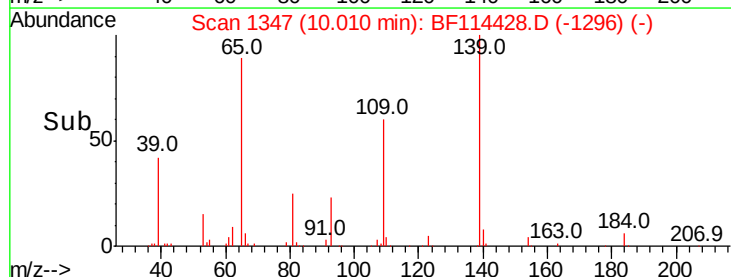


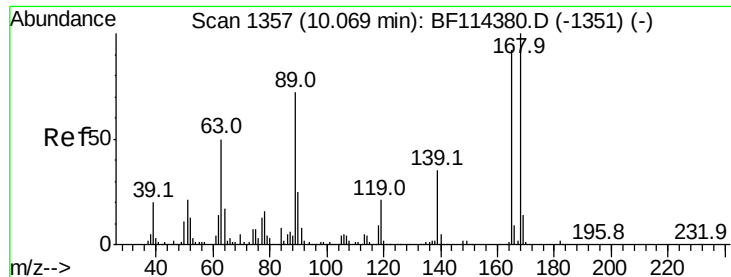
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

Time-->





#57

2,4-Dinitrotoluene

Concen: 38.137 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 339138

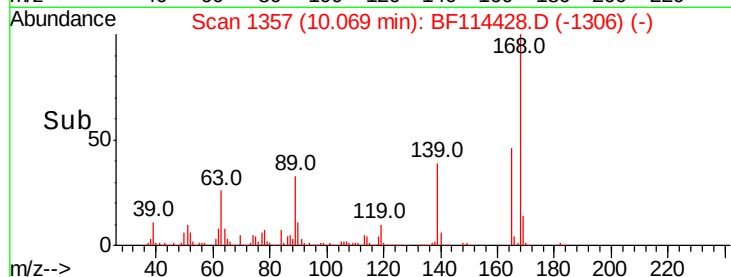
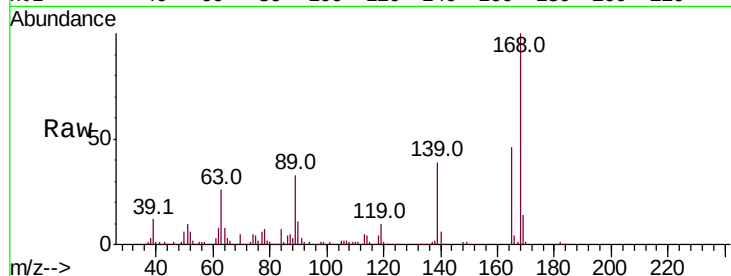
Ion Ratio Lower Upper

165 100

63 56.0 35.5 53.3#

89 72.2 55.2 82.8

182 2.5 2.2 3.2

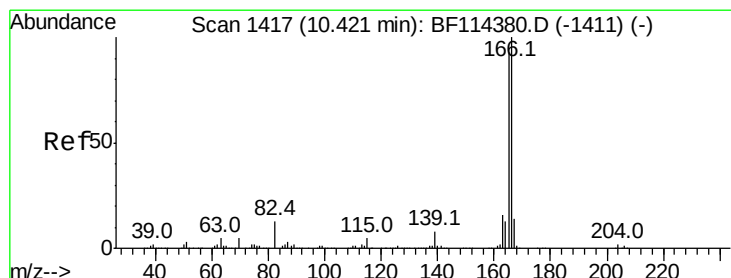
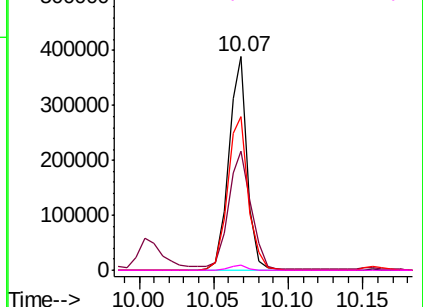


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.984 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

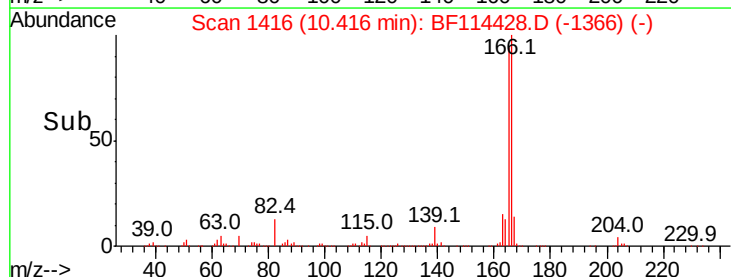
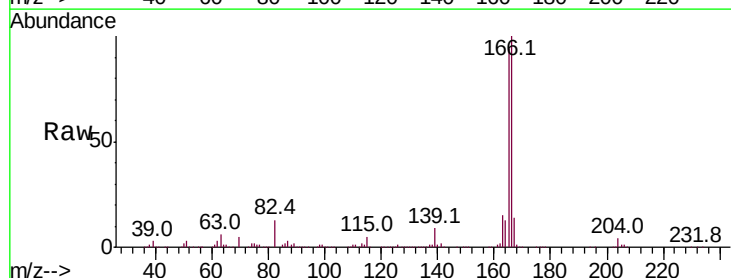
Tgt Ion:166 Resp: 1105776

Ion Ratio Lower Upper

166 100

165 93.8 76.1 114.1

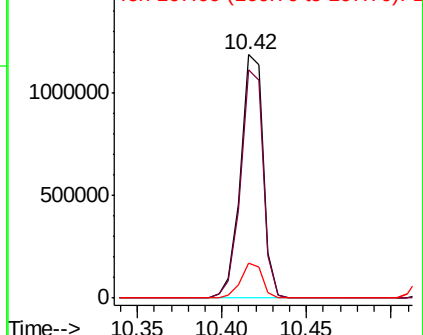
167 14.2 11.1 16.7

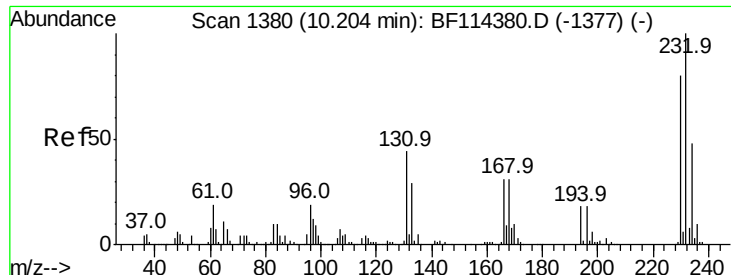


Abundance Ion 166.00 (165.70 to 166.70): E

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: 38.157 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 283083

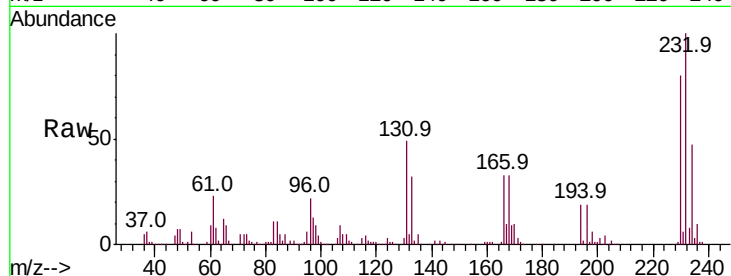
Ion Ratio Lower Upper

232 100

131 42.9 35.6 53.4

130 2.0 1.6 2.4

166 28.9 24.1 36.1

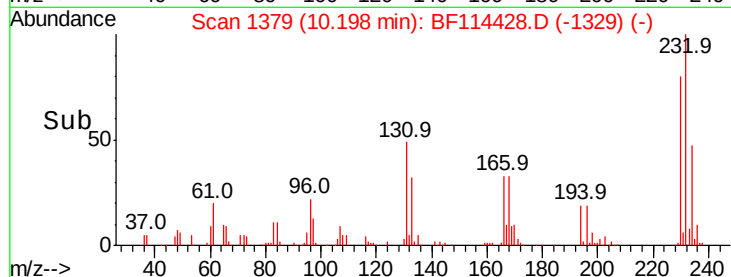


Abundance Ion 232.00 (231.70 to 232.70): E

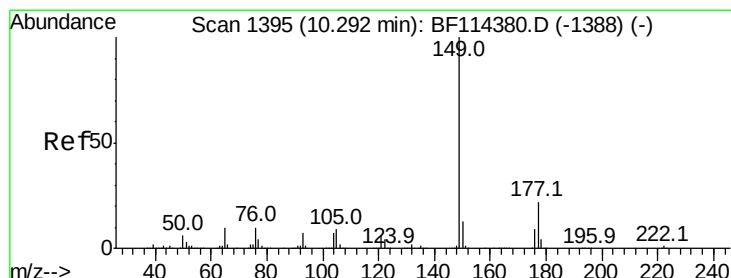
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time--> 10.10 10.20 10.30



#60

Diethylphthalate

Concen: 38.893 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

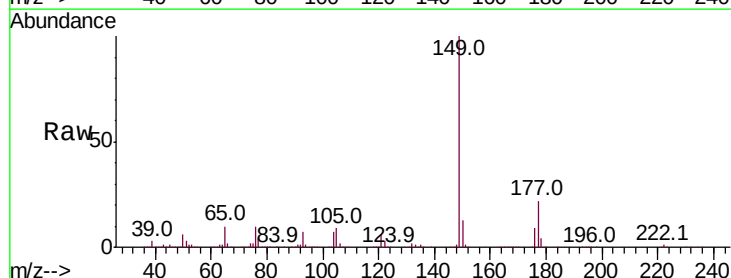
Tgt Ion:149 Resp: 1167338

Ion Ratio Lower Upper

149 100

177 21.6 17.8 26.6

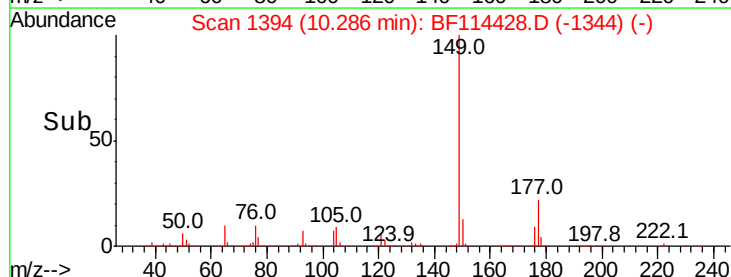
150 12.7 10.2 15.2



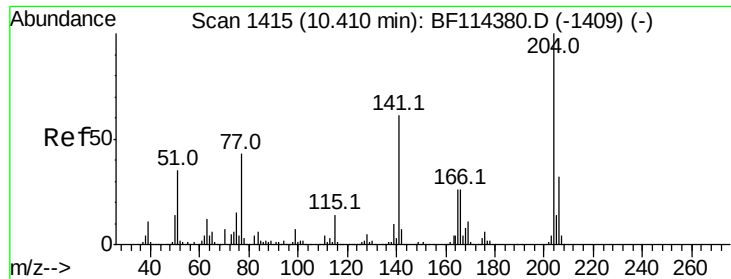
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



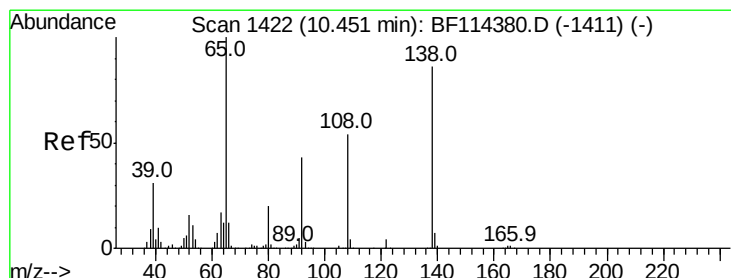
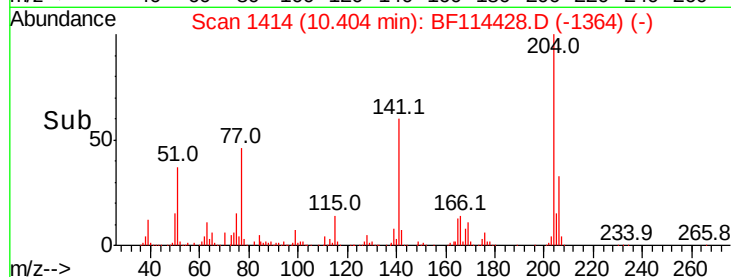
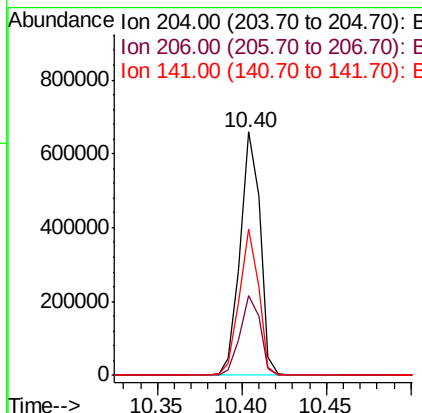
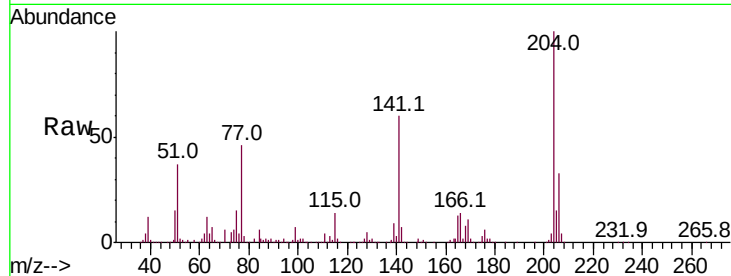
Time--> 10.25 10.30 10.35



#61
4-Chlorophenyl-phenylether
Concen: 39.974 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

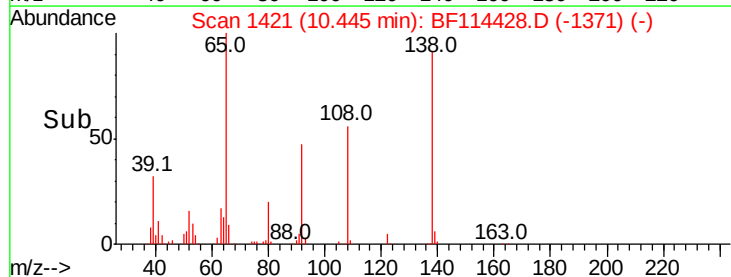
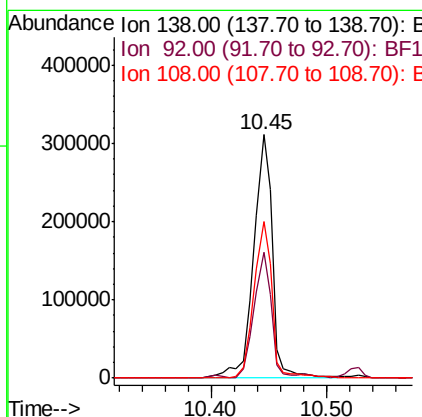
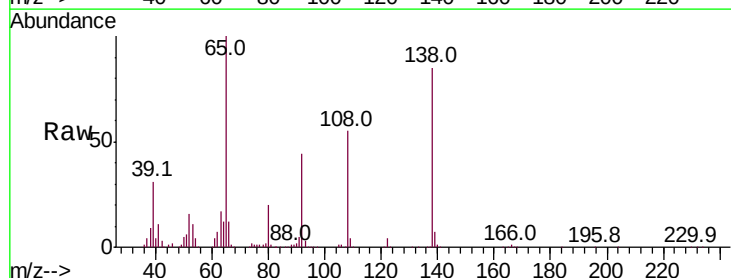
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

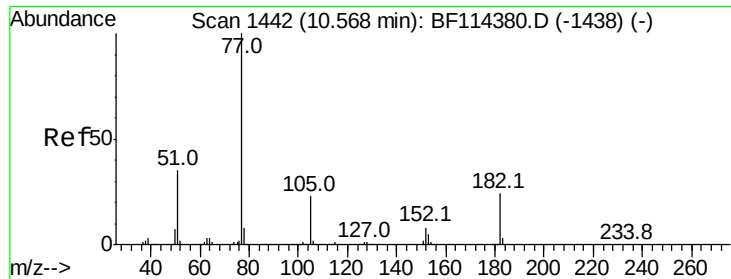
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	60.4	46.4	69.6



#62
4-Nitroaniline
Concen: 41.340 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	33.0	73.0
108	64.1	44.9	84.9

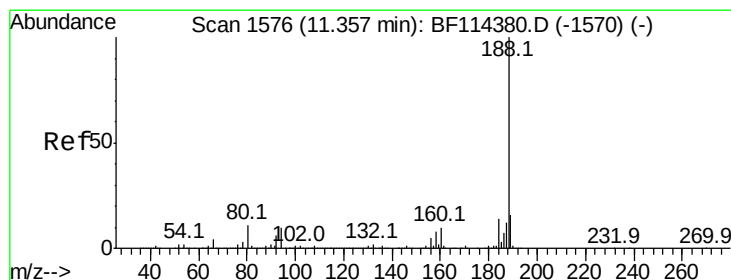
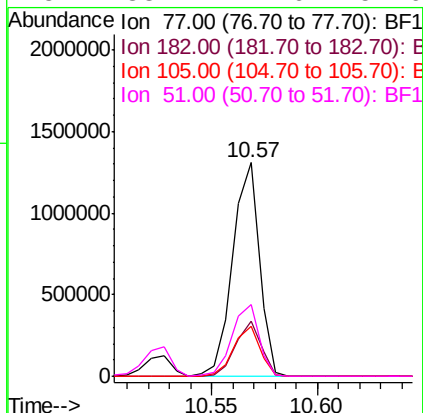
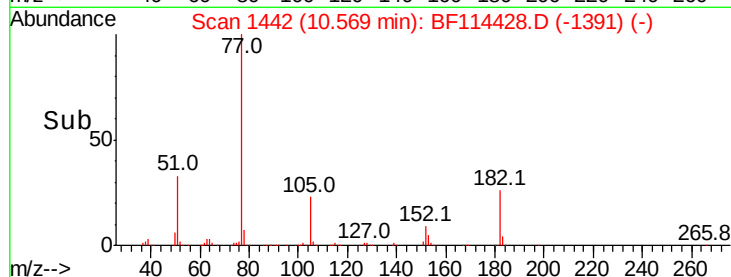
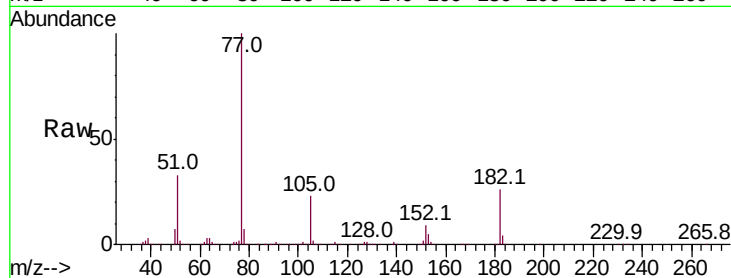




#63
Azobenzene
Concen: 39.176 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

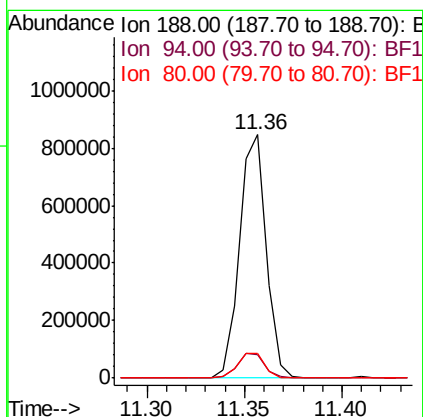
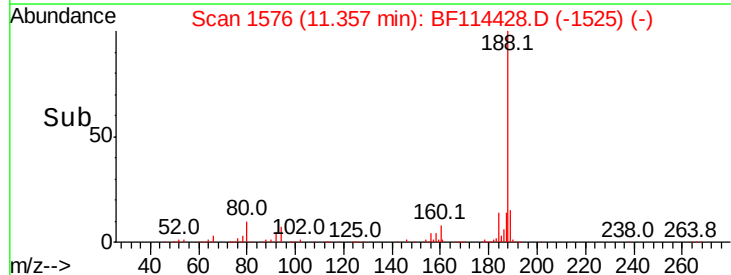
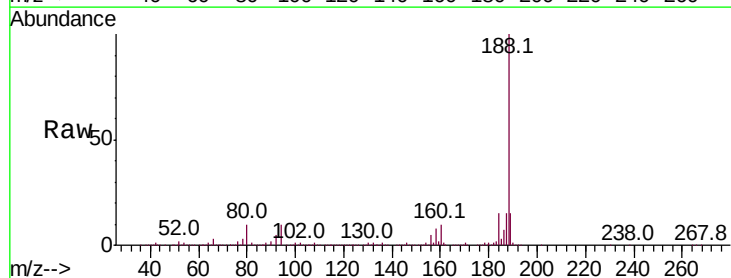
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

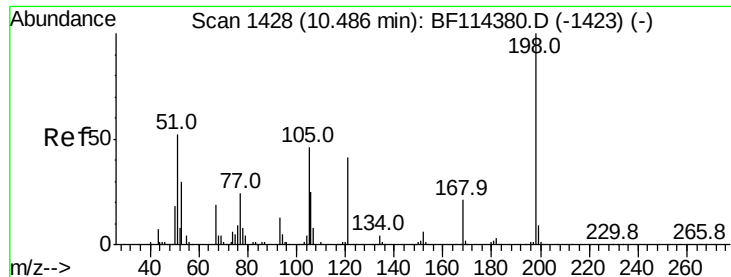
Tot Ion: 77 Resp: 1138128
Ion Ratio Lower Upper
77 100
182 26.0 4.7 44.7
105 23.3 2.9 42.9
51 33.4 14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion: 188 Resp: 801458
Ion Ratio Lower Upper
188 100
94 9.5 8.4 12.6
80 9.9 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 41.618 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

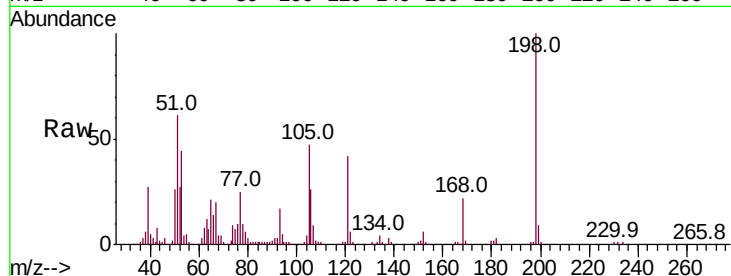
Tot Ion:198 Resp: 160277

Ion Ratio Lower Upper

198 100

51 61.1 28.0 68.0

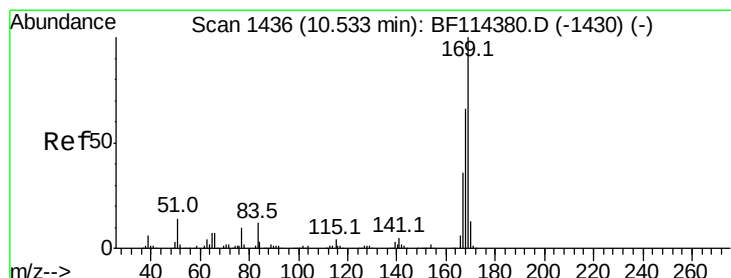
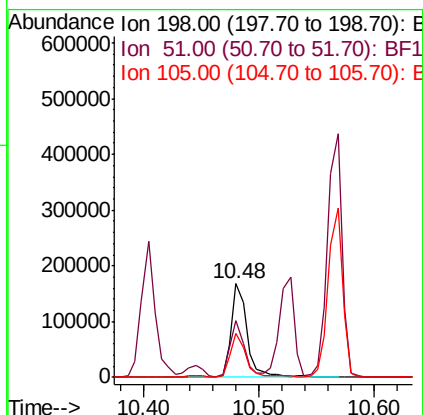
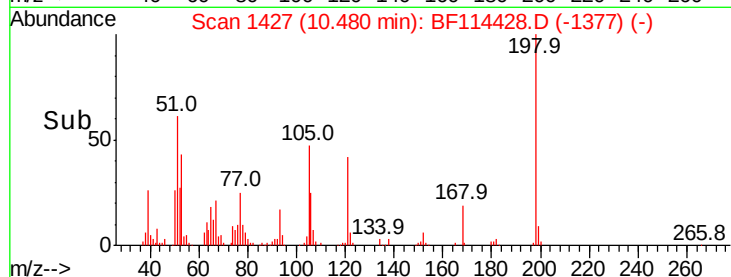
105 46.9 21.1 61.1



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: 40.324 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

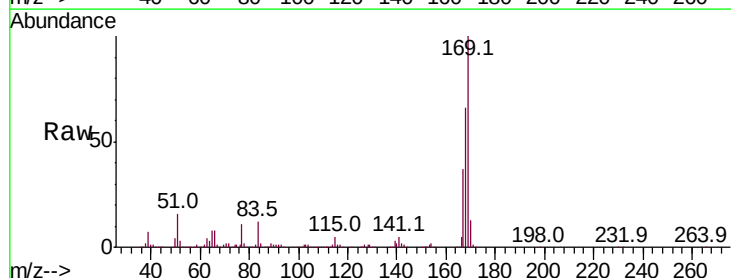
Tgt Ion:169 Resp: 980861

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.2

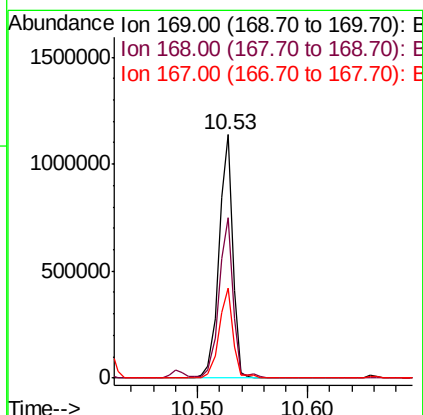
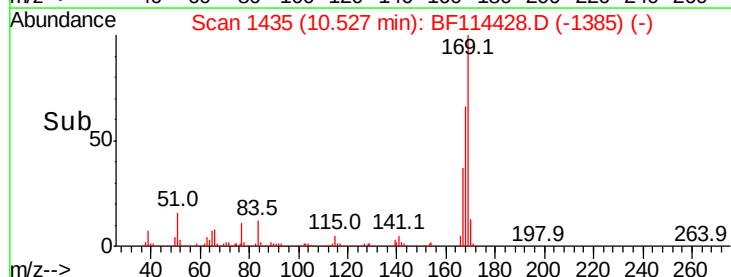
167 36.9 29.8 44.8

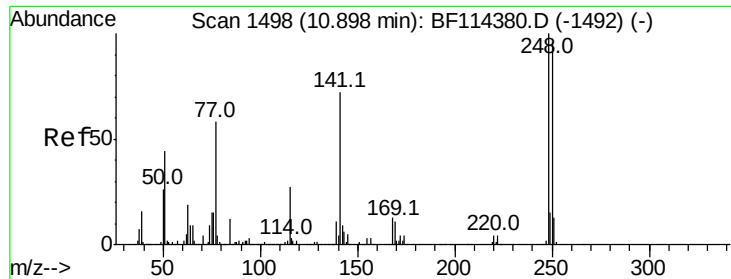


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

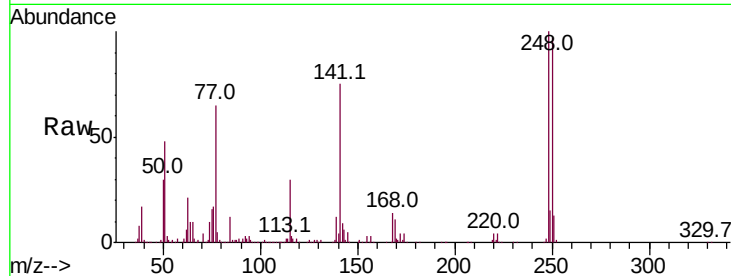




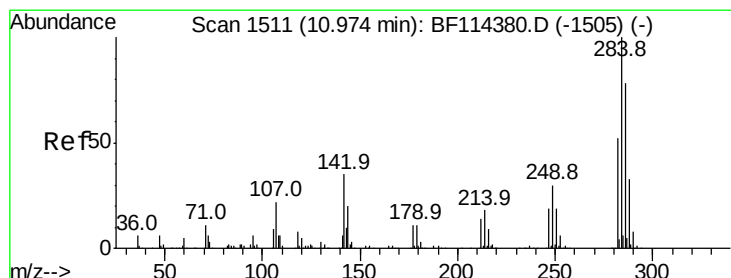
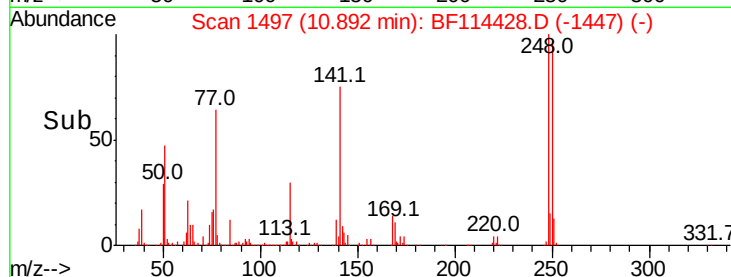
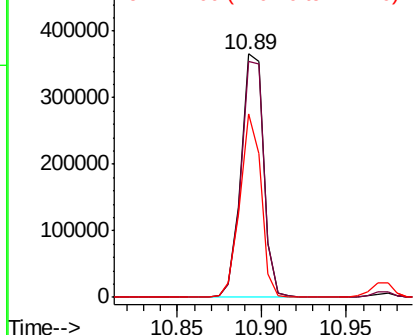
#67
4-Bromophenyl-phenylether
Concen: 38.902 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.2
141	75.3	55.6	83.4

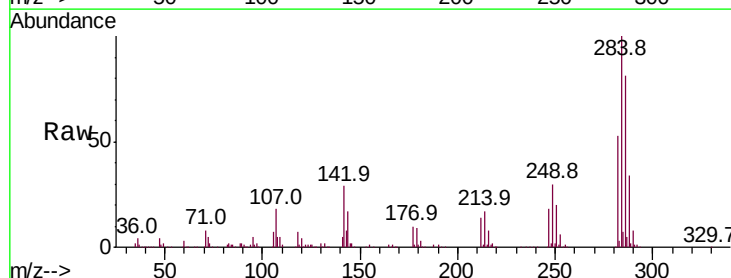


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

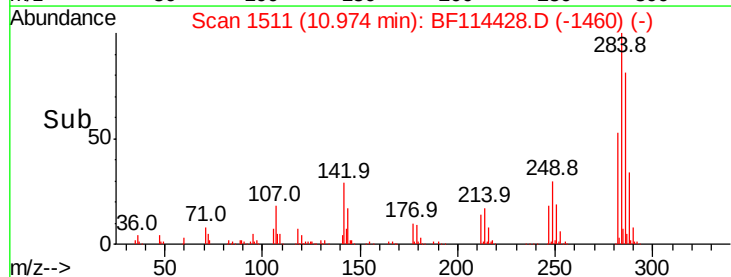
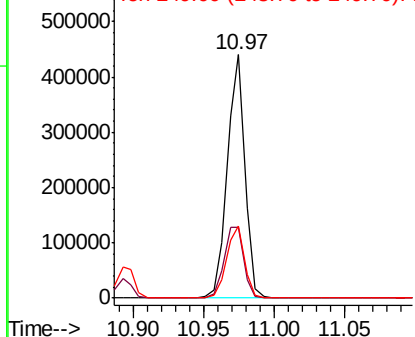


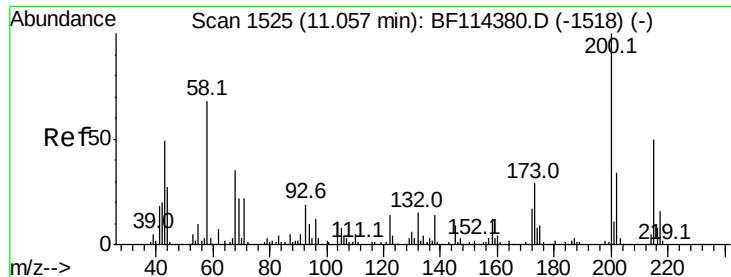
#68
Hexachlorobenzene
Concen: 38.840 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.4	42.6
249	29.7	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: 39.172 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

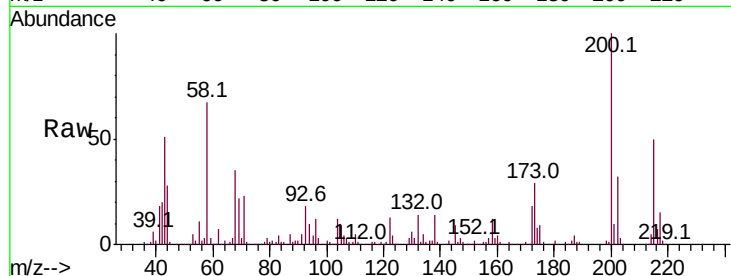
Tot Ion:200 Resp: 296516

Ion Ratio Lower Upper

200 100

173 28.6 8.9 48.9

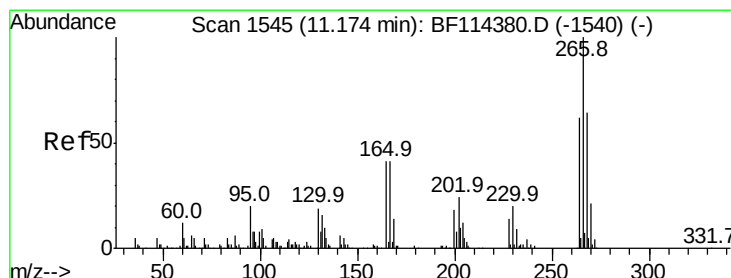
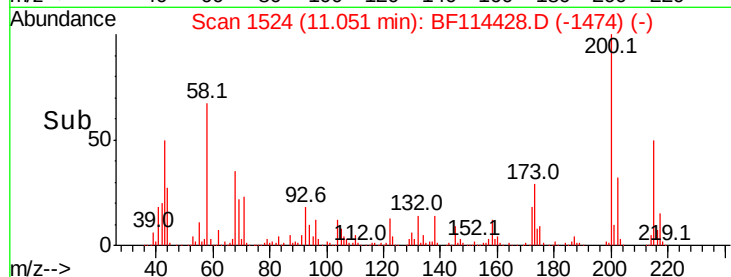
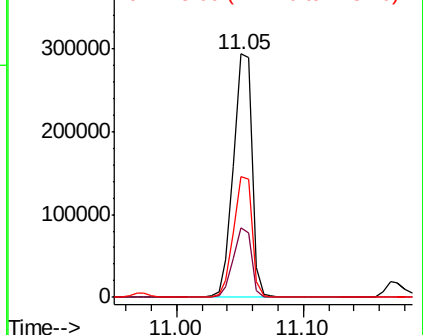
215 49.7 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.378 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

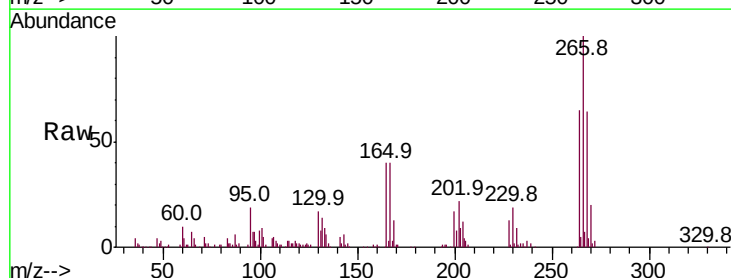
Tgt Ion:266 Resp: 159092

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

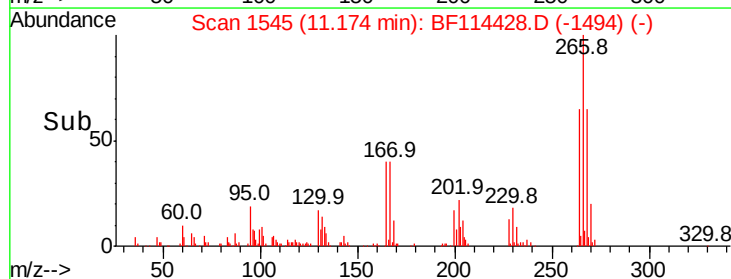
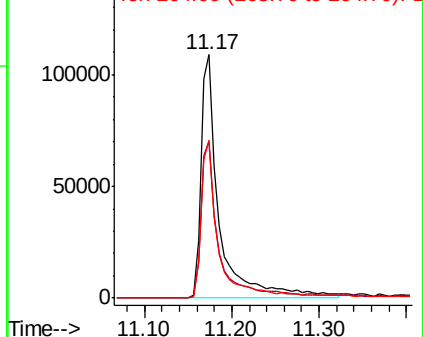
264 64.7 51.1 76.7

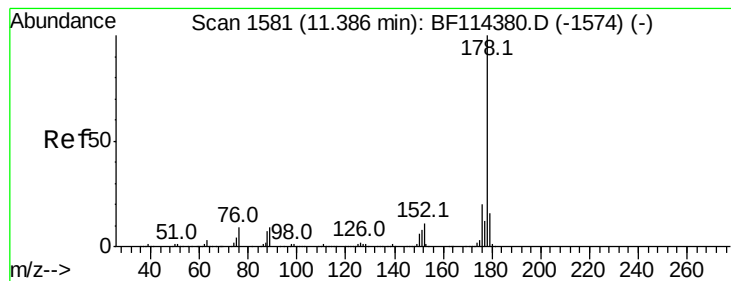


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.556 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

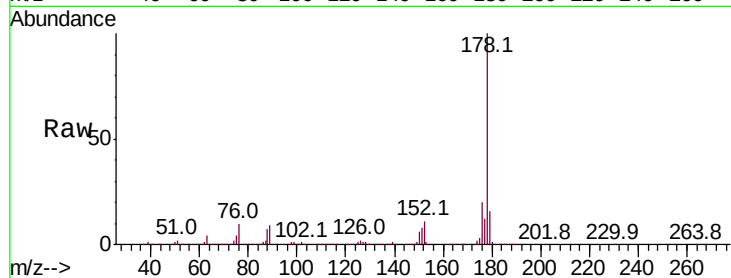
Tot Ion:178 Resp: 1581367

Ion Ratio Lower Upper

178 100

176 19.7 16.4 24.6

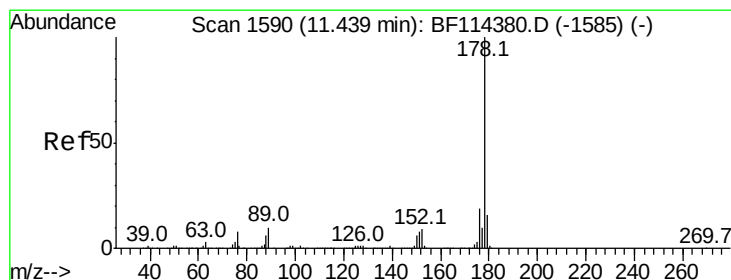
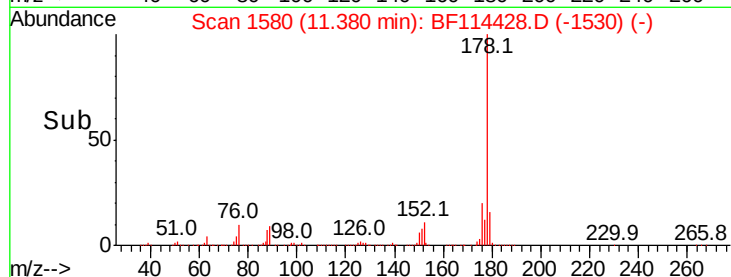
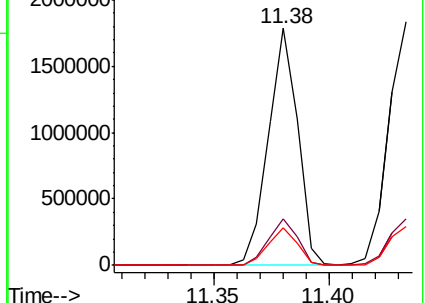
179 16.0 13.2 19.8



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: 40.881 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

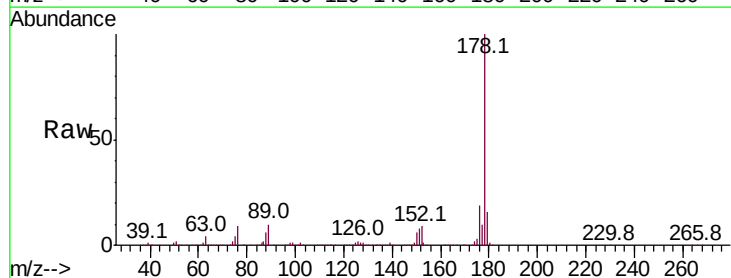
Tgt Ion:178 Resp: 1601077

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

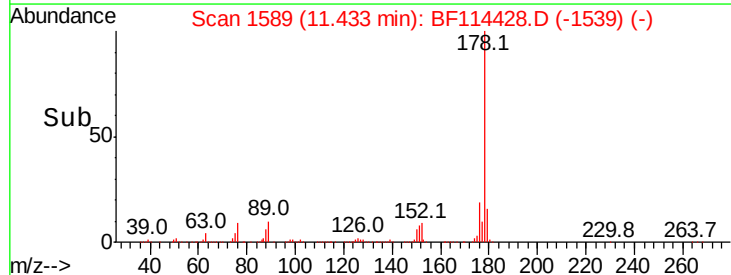
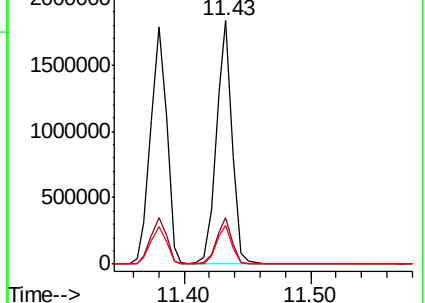
179 16.1 13.0 19.4

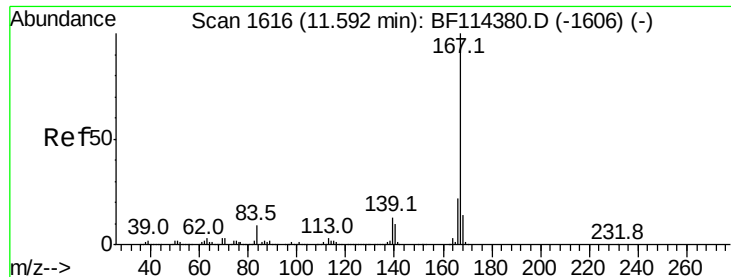


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.607 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

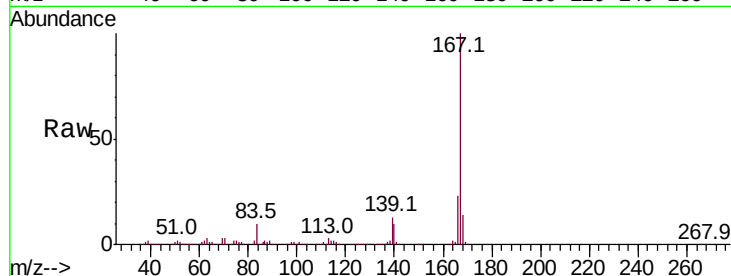
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1553886

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	13.1	10.6	16.0

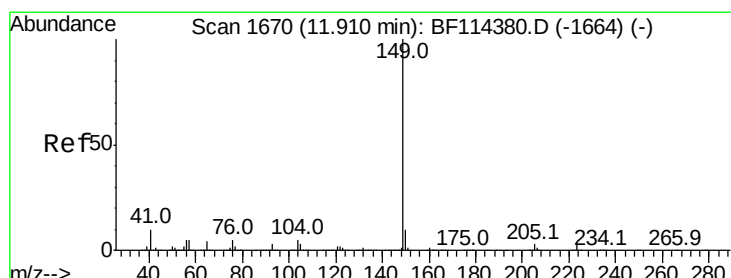
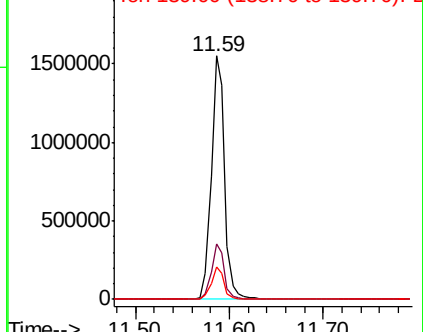
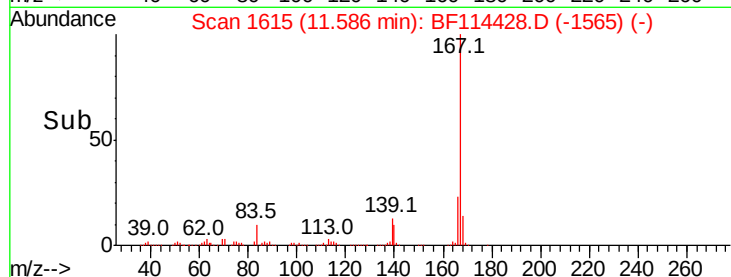


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.244 ng

RT: 11.91 min Scan# 1670

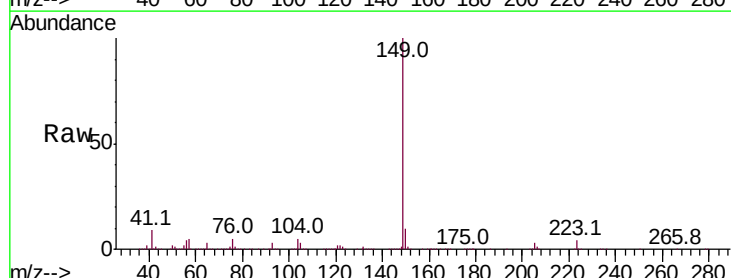
Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Tgt Ion:149 Resp: 1774559

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.7	3.6	5.4

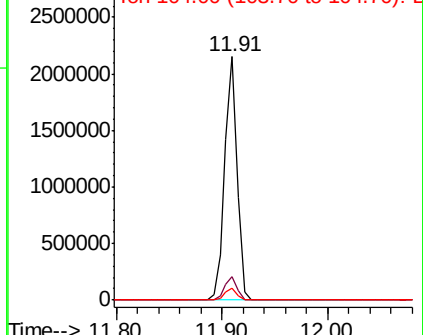
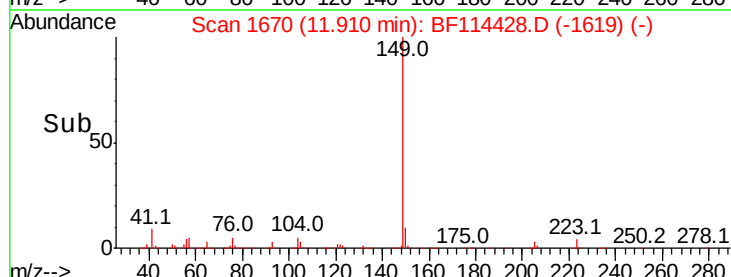


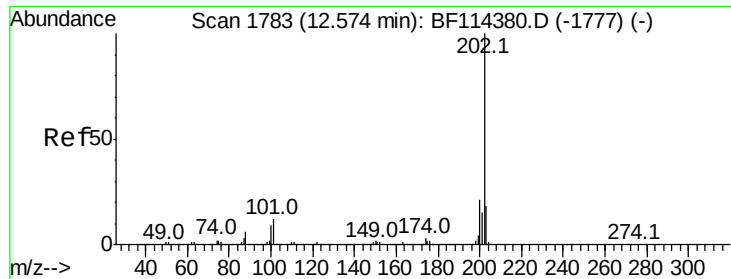
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.103 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

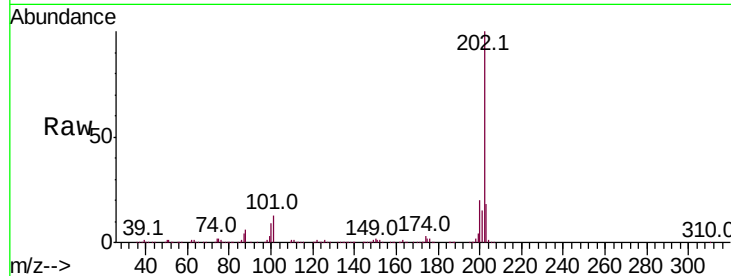
Tot Ion:202 Resp: 1725878

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.0

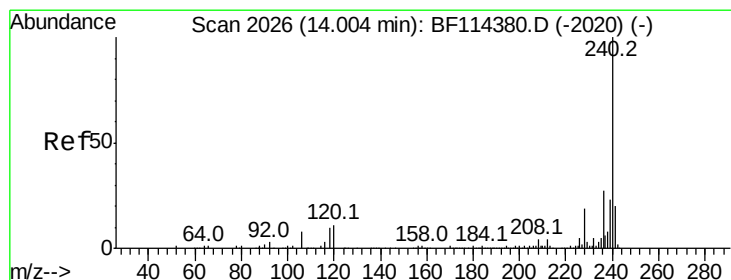
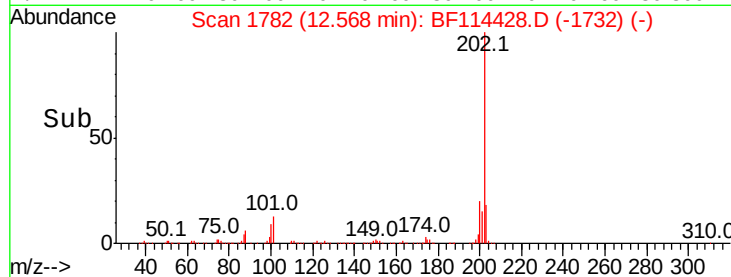
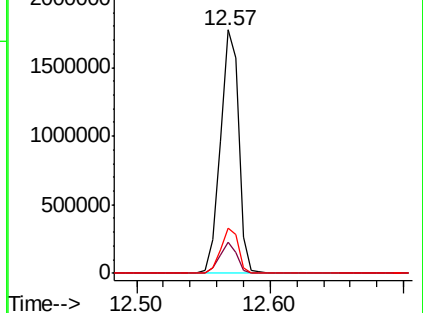
203 18.4 0.0 38.4



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: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

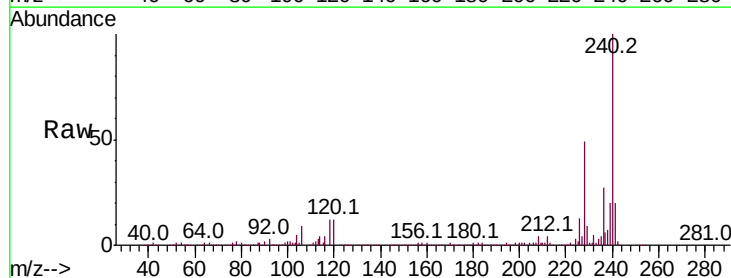
Tgt Ion:240 Resp: 571463

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

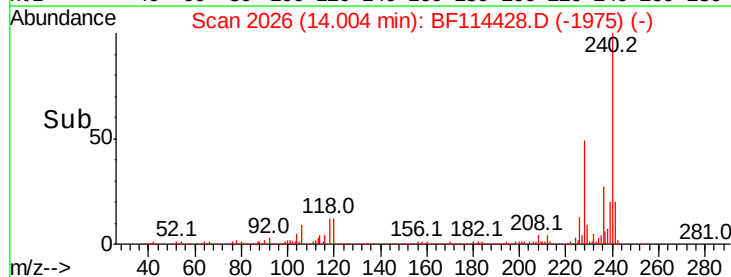
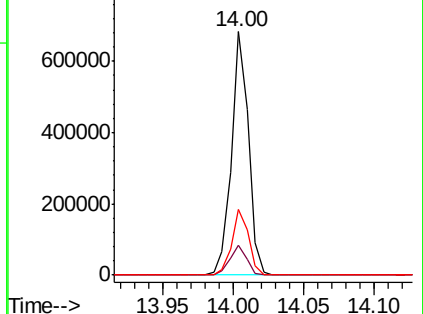
236 26.9 20.8 31.2

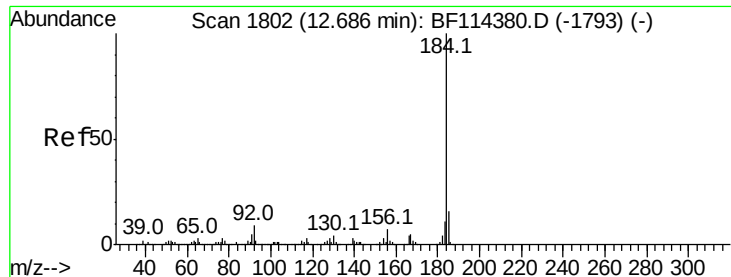


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.410 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

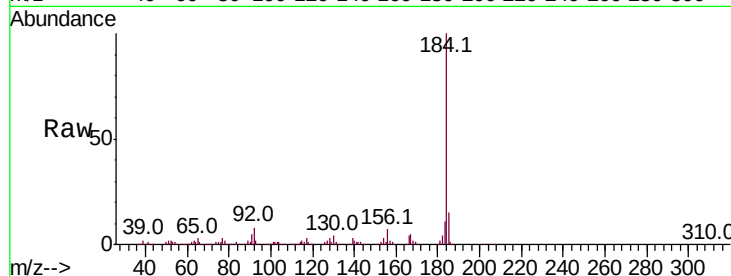
Tot Ion:184 Resp: 857042

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

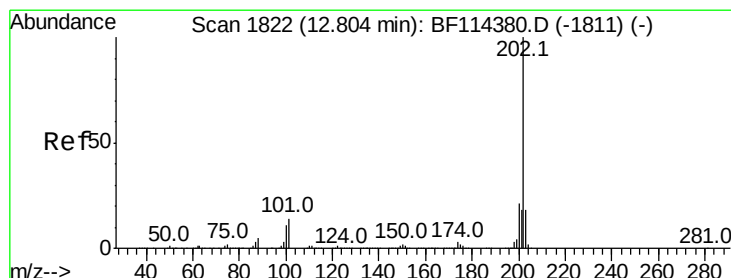
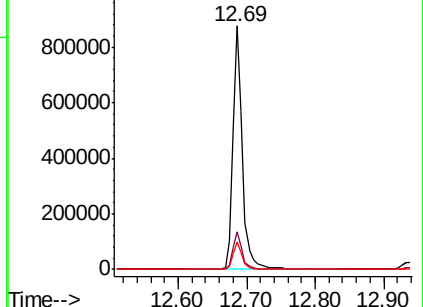
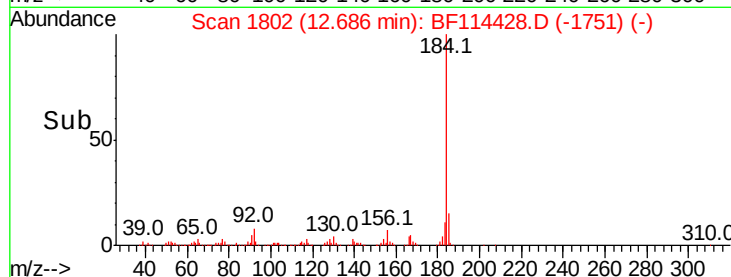
183 11.2 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.993 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

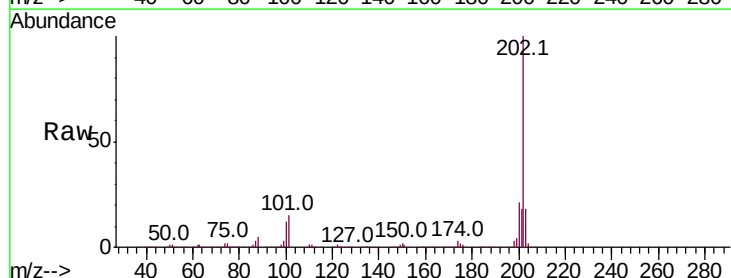
Tgt Ion:202 Resp: 1746582

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

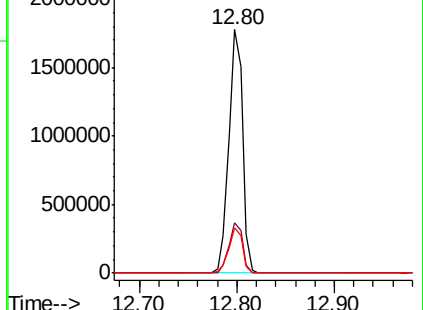
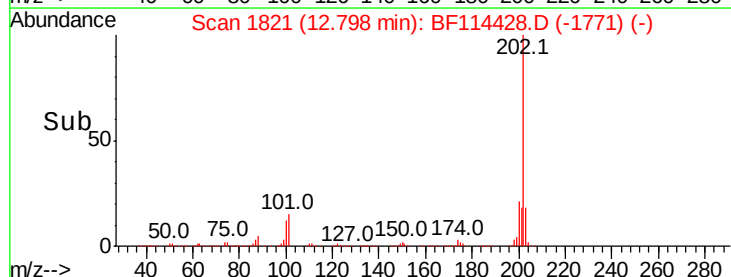
203 18.4 14.5 21.7

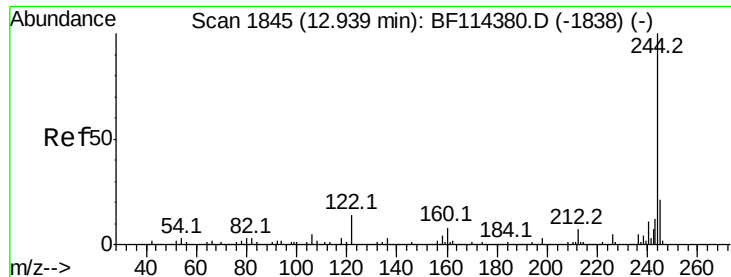


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.653 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

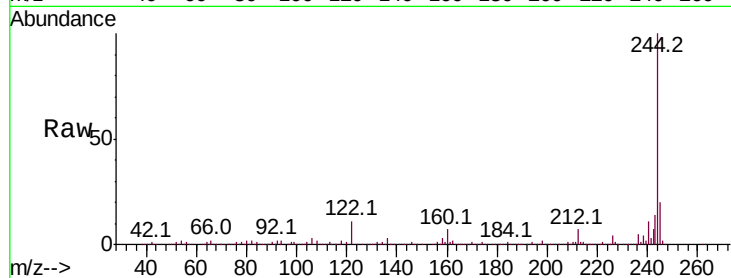
Tot Ion:244 Resp: 2069497

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

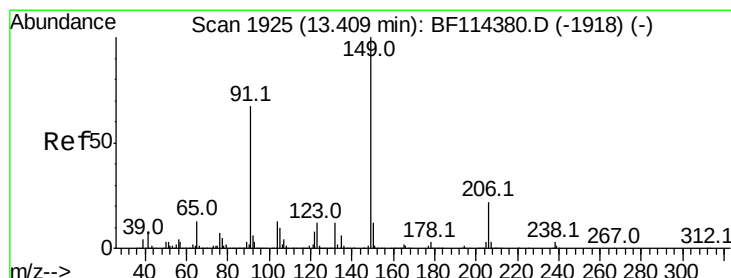
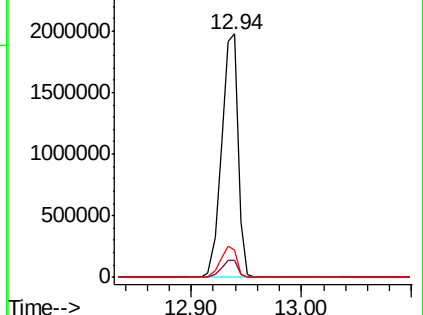
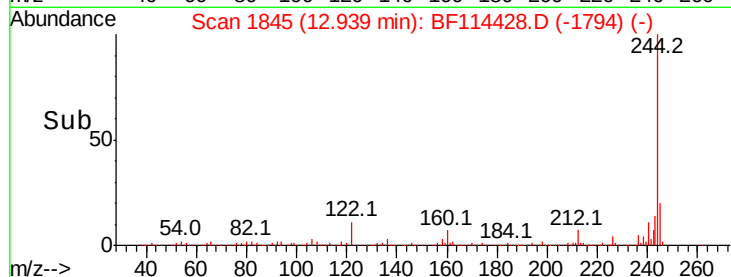
122 11.3 9.4 14.2



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: 40.669 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

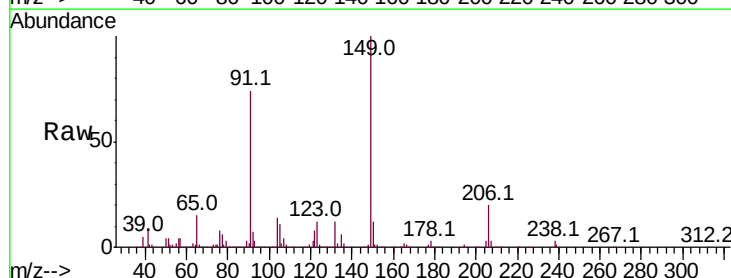
Tgt Ion:149 Resp: 786942

Ion Ratio Lower Upper

149 100

91 73.8 55.0 82.4

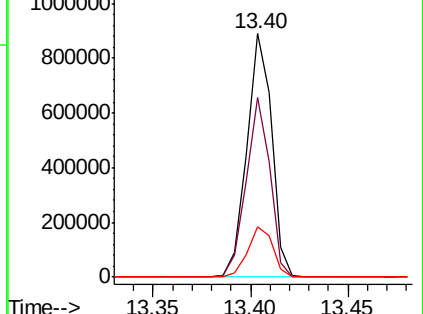
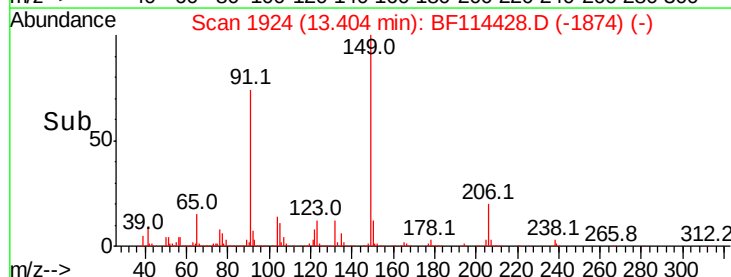
206 20.5 16.9 25.3

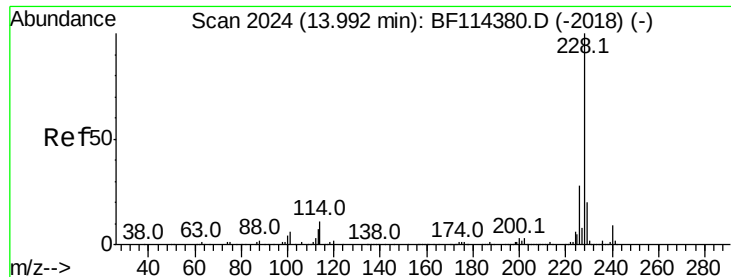


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.008 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

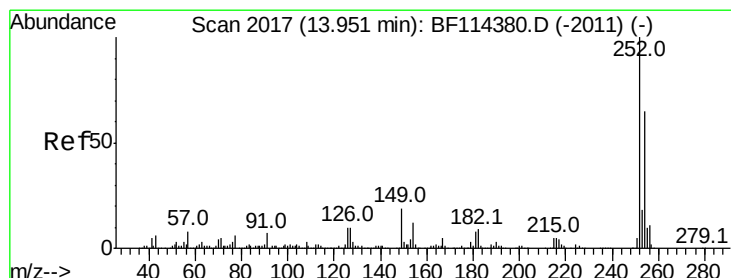
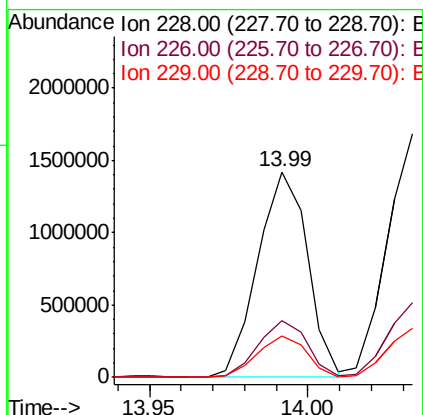
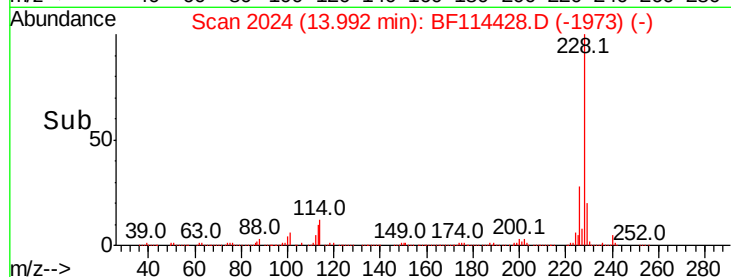
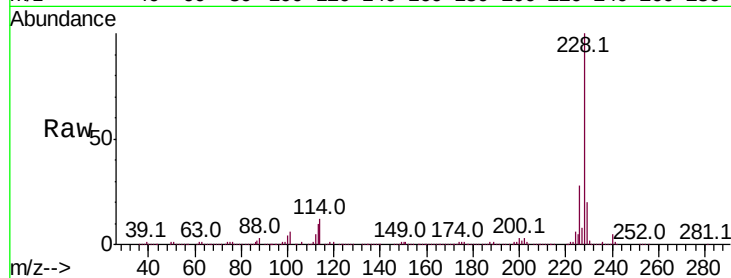
Tot Ion:228 Resp: 1552714

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 20.3 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 42.072 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

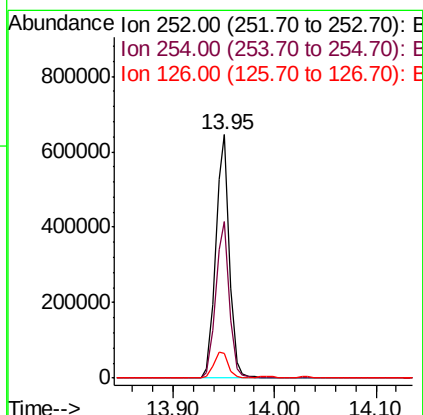
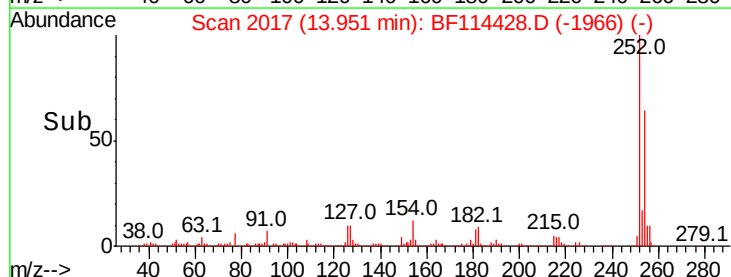
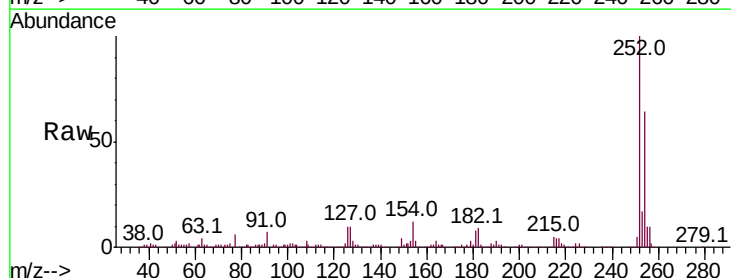
Tgt Ion:252 Resp: 603256

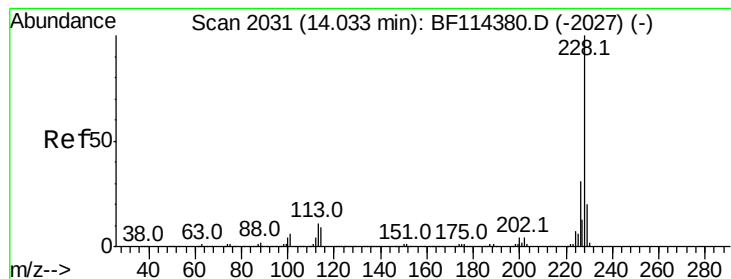
Ion Ratio Lower Upper

252 100

254 64.4 51.9 77.9

126 10.3 7.9 11.9





#83

Chrysene

Concen: 40.920 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

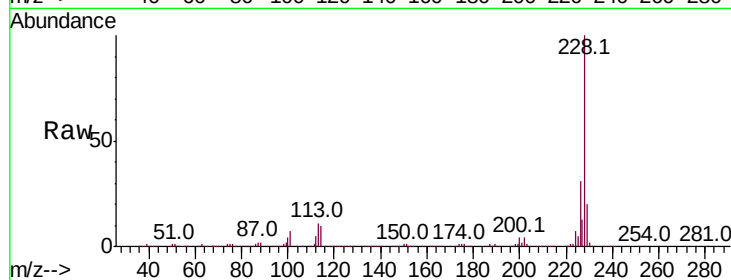
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1482667

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.1	17.0	25.6

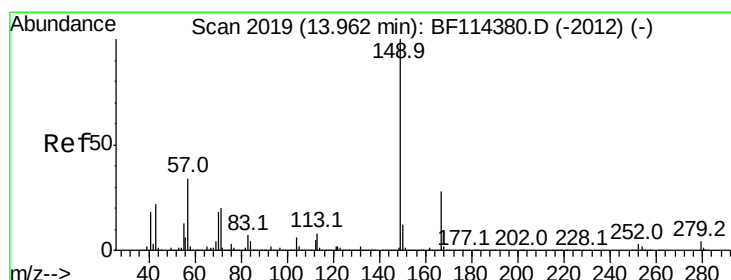
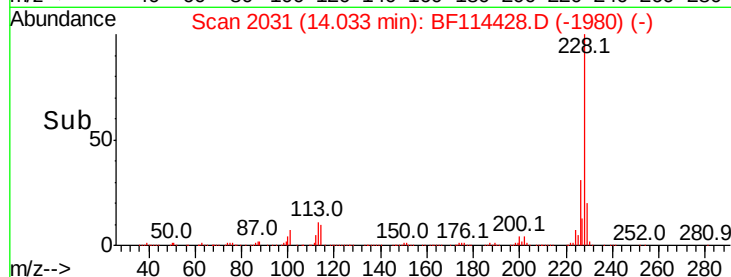
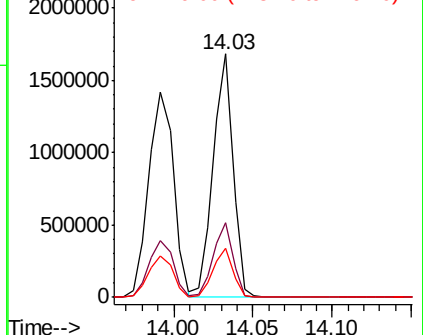


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.852 ng

RT: 13.97 min Scan# 2020

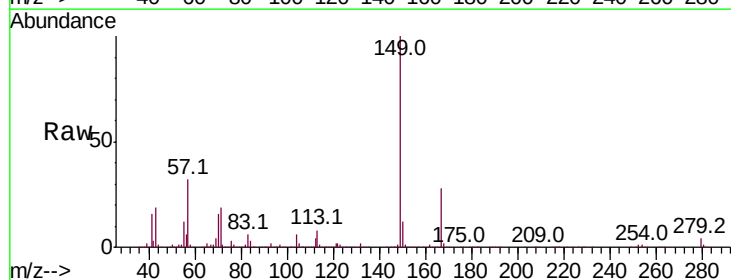
Delta R.T. 0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Tgt Ion:149 Resp: 1059152

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	33.8
279	4.0	3.0	4.6

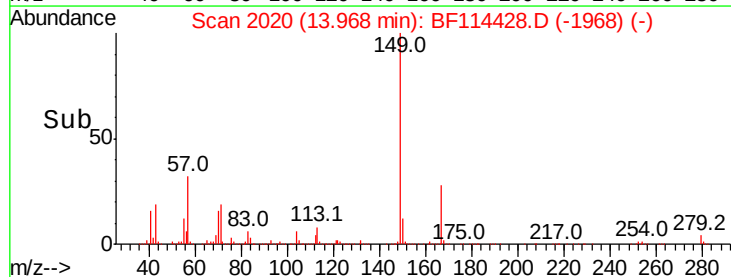
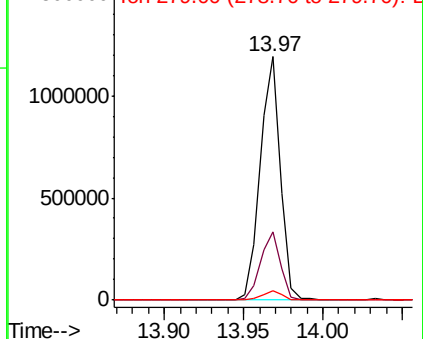


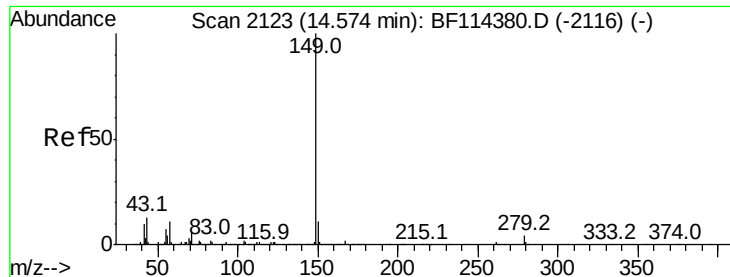
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

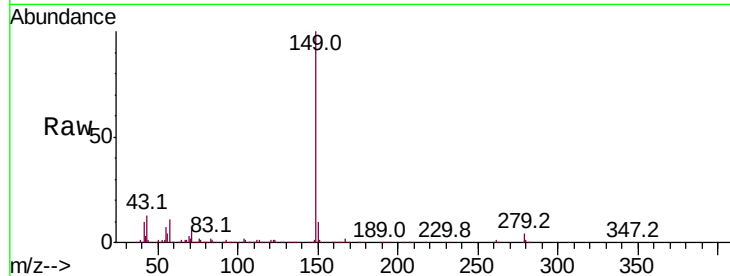




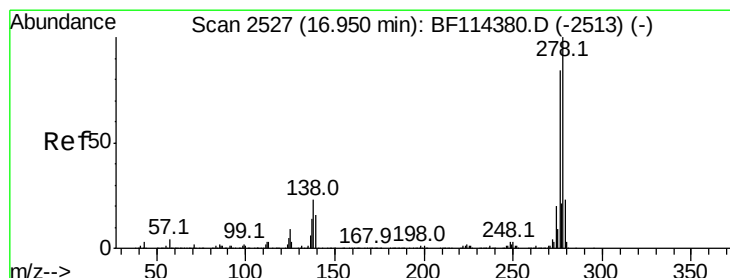
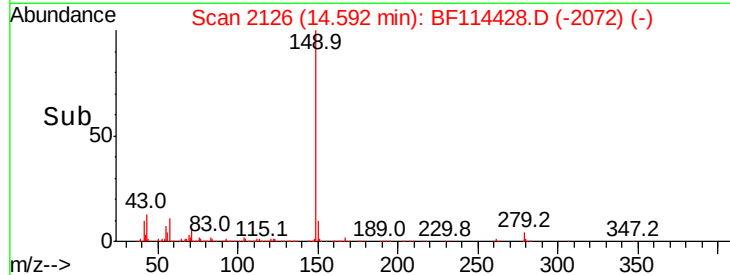
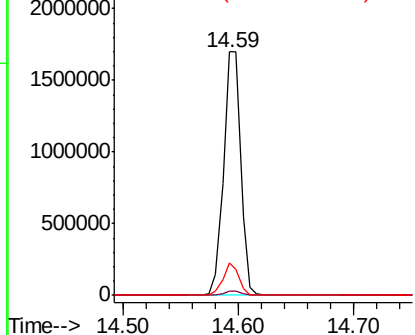
#85
Di-n-octyl phthalate
Concen: 42.680 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.02 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1750918
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.1 10.1 15.1

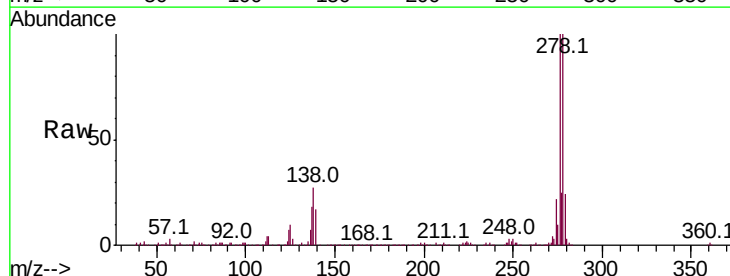


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

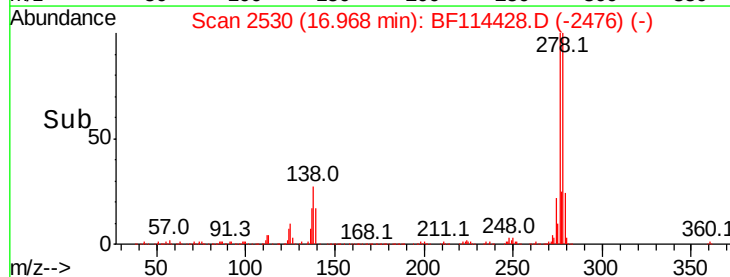
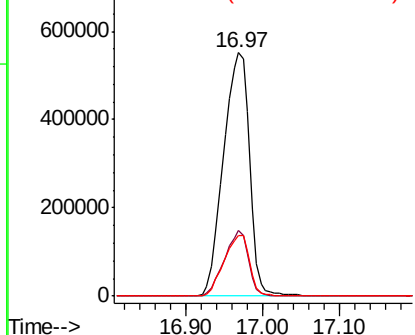


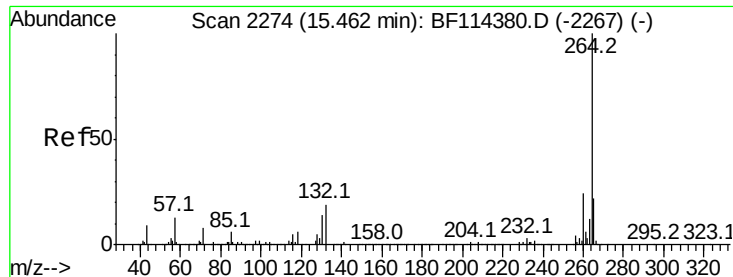
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.683 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:276 Resp: 1302772
Ion Ratio Lower Upper
276 100
138 25.1 20.2 30.2
277 24.5 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: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

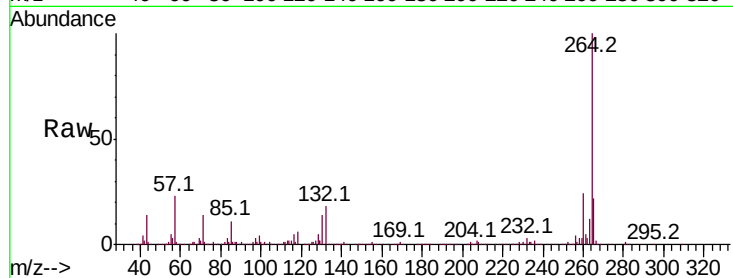
Tot Ion:264 Resp: 569671

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

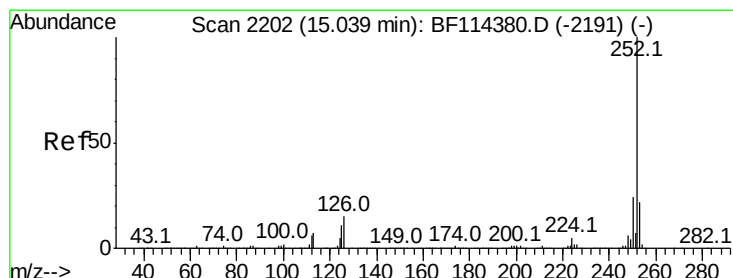
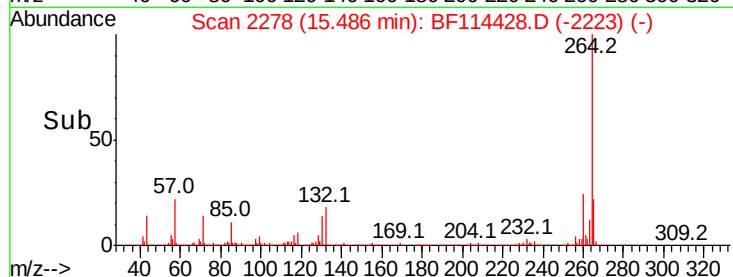
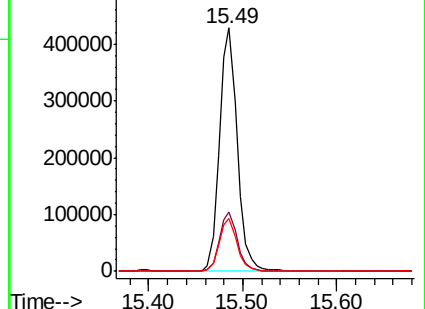
265 21.8 16.9 25.3



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: 41.521 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.02 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

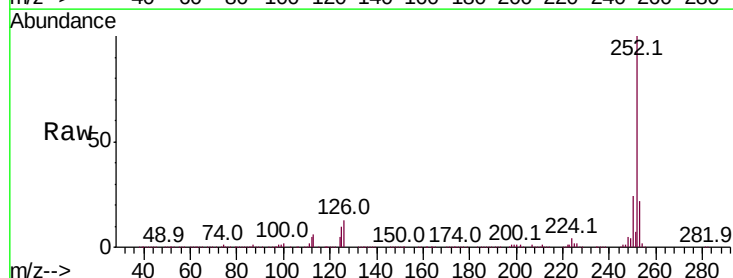
Tgt Ion:252 Resp: 1515356

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

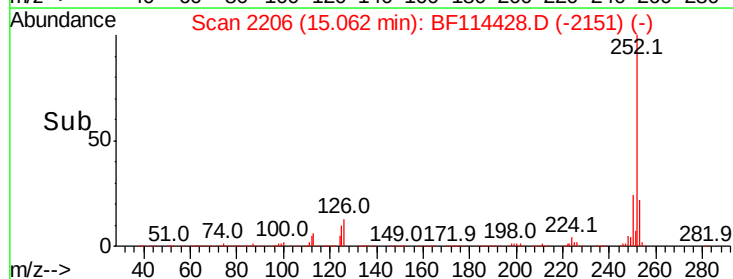
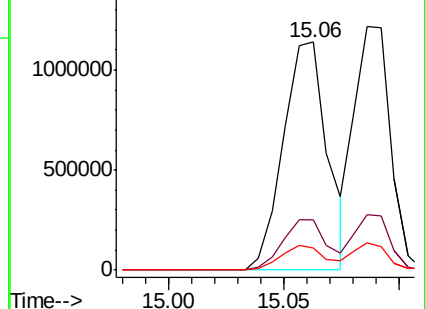
125 10.0 8.3 12.5

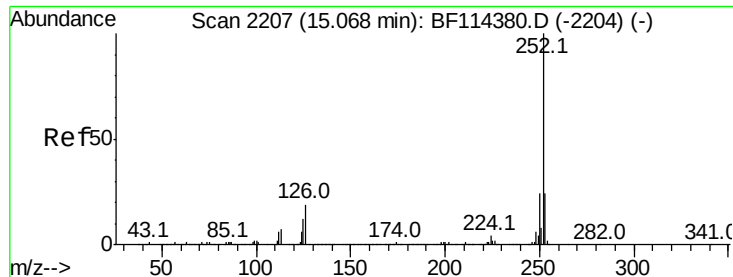


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

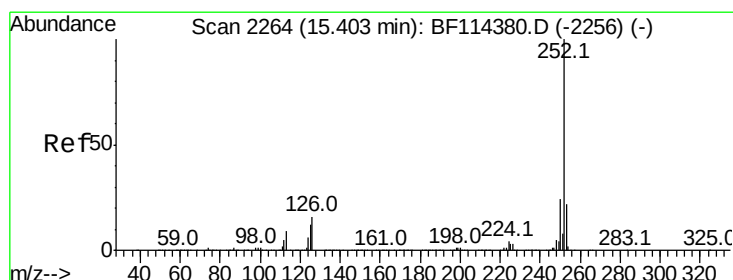
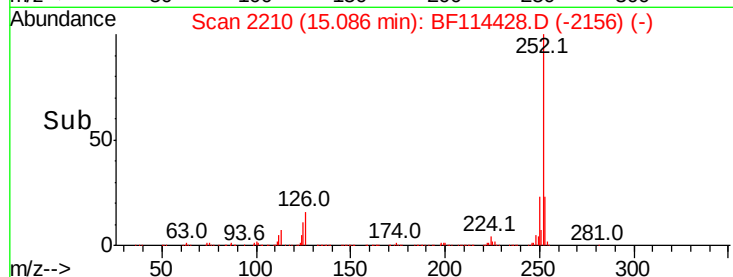
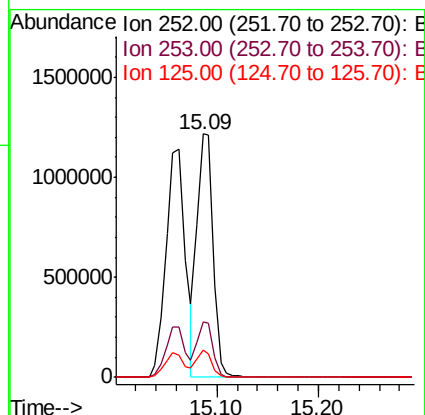
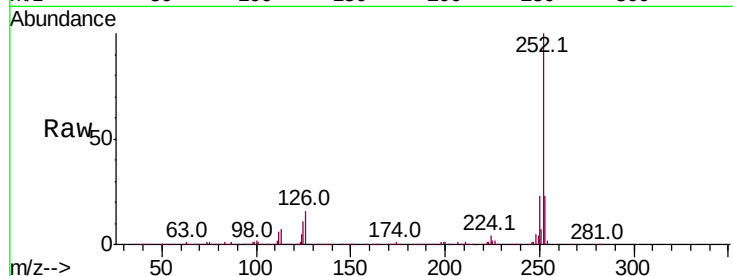




#89
Benzo(k)fluoranthene
Concen: 39.702 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

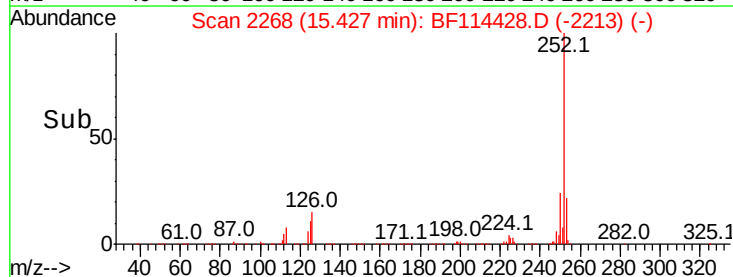
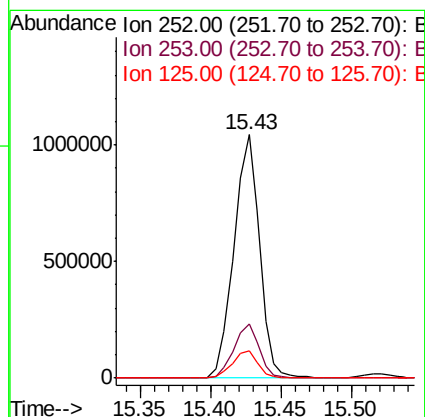
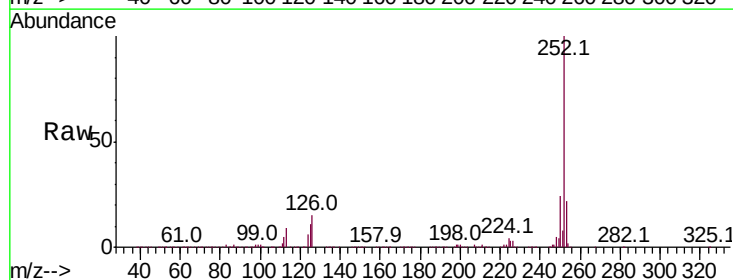
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

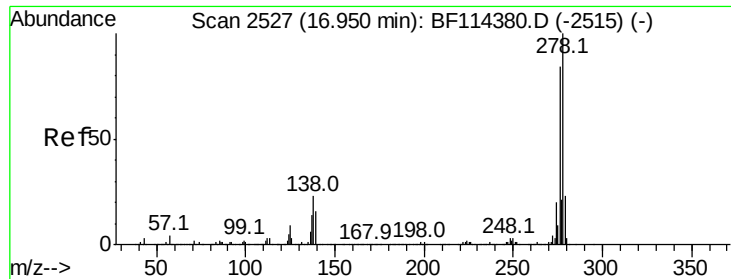
Tot Ion:252 Resp: 1331034
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.947 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:252 Resp: 1315204
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.2 9.5 14.3

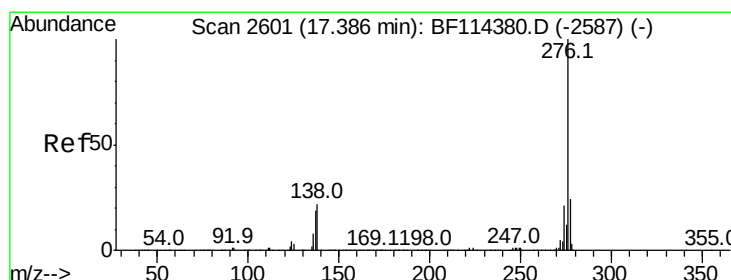
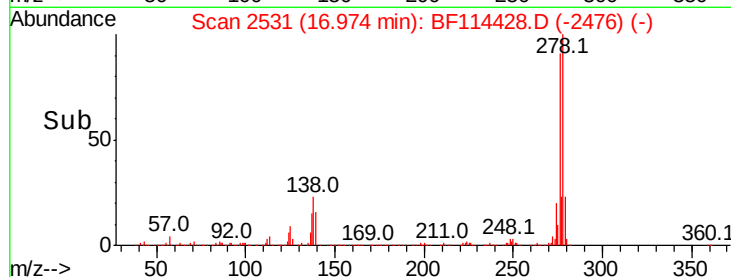
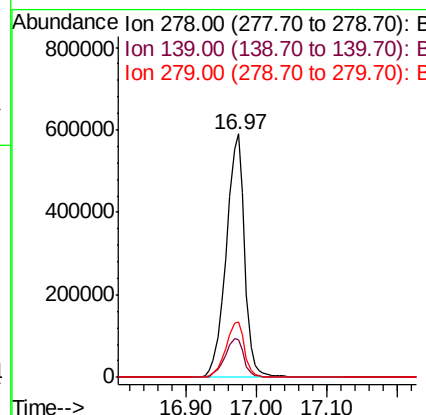
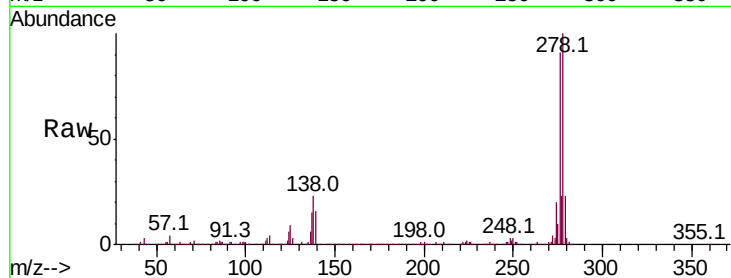




#91
Dibenzo(a,h)anthracene
Concen: 39.952 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1066311
Ion Ratio Lower Upper
278 100
139 15.5 13.5 20.3
279 23.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 40.012 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.02 min
Lab File: BF114428.D
Acq: 20 May 2019 10:26

Tgt Ion:276 Resp: 1070220
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 22.3 17.8 26.6

