

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114084.D
 Acq On : 2 May 2019 14:21
 Operator : JU/SJ
 Sample : K2584-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Quant Time: May 02 14:57:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81868	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	304855	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	168627	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	345659	20.00	ng	0.00
76) Chrysene-d12	14.07	240	240071	20.00	ng	0.00
87) Perylene-d12	15.57	264	250971	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	845114	176.56	ng	0.00
7) Phenol-d6	6.53	99	1143316	190.38	ng	0.01
23) Nitrobenzene-d5	7.45	82	691693	140.09	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377819	183.92	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1265576	117.38	ng	0.00
79) Terphenyl-d14	13.00	244	1790671	152.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	106392	47.152	ng	96
3) Pyridine	3.44	79	307754	49.969	ng	100
4) n-Nitrosodimethylamine	3.38	42	120608	57.207	ng	97
6) Aniline	6.56	93	172208	20.883	ng	100
8) 2-Chlorophenol	6.68	128	319497	58.464	ng	99
9) Benzaldehyde	6.43	77	56597	12.081	ng	97
10) Phenol	6.55	94	406961	56.671	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	309708	57.313	ng	94
12) 1,3-Dichlorobenzene	6.83	146	340345	54.989	ng	100
13) 1,4-Dichlorobenzene	6.91	146	344513	55.341	ng	100
14) 1,2-Dichlorobenzene	7.06	146	329683	57.625	ng	98
15) Benzyl Alcohol	7.03	79	301481	74.539	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	347512	55.090	ng	93
17) 2-Methylphenol	7.15	107	276726	57.768	ng	97
18) Hexachloroethane	7.40	117	119966	54.973	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	224805	57.805	ng	98
20) 3+4-Methylphenols	7.30	107	338128	62.475	ng	# 70
22) Acetophenone	7.30	105	450637	66.426	ng	# 92
24) Nitrobenzene	7.47	77	355685	65.196	ng	100
25) Isophorone	7.71	82	614364	60.812	ng	100
26) 2-Nitrophenol	7.79	139	184094	73.967	ng	94
27) 2,4-Dimethylphenol	7.83	122	288278	71.091	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	392364	60.948	ng	99
29) 2,4-Dichlorophenol	8.03	162	308523	66.534	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	332517	64.312	ng	98
31) Naphthalene	8.20	128	959360	66.244	ng	99
32) Benzoic acid	7.93	122	89477	32.674	ng	97
33) 4-Chloroaniline	8.24	127	69100	11.276	ng	97
34) Hexachlorobutadiene	8.32	225	200857	62.317	ng	98
35) Caprolactam	8.61	113	54551	36.981	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	279851	60.916	ng	98
37) 2-Methylnaphthalene	8.89	142	644090	65.952	ng	99
38) 1-Methylnaphthalene	8.99	142	602299	63.899	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	339924	62.058	ng	100

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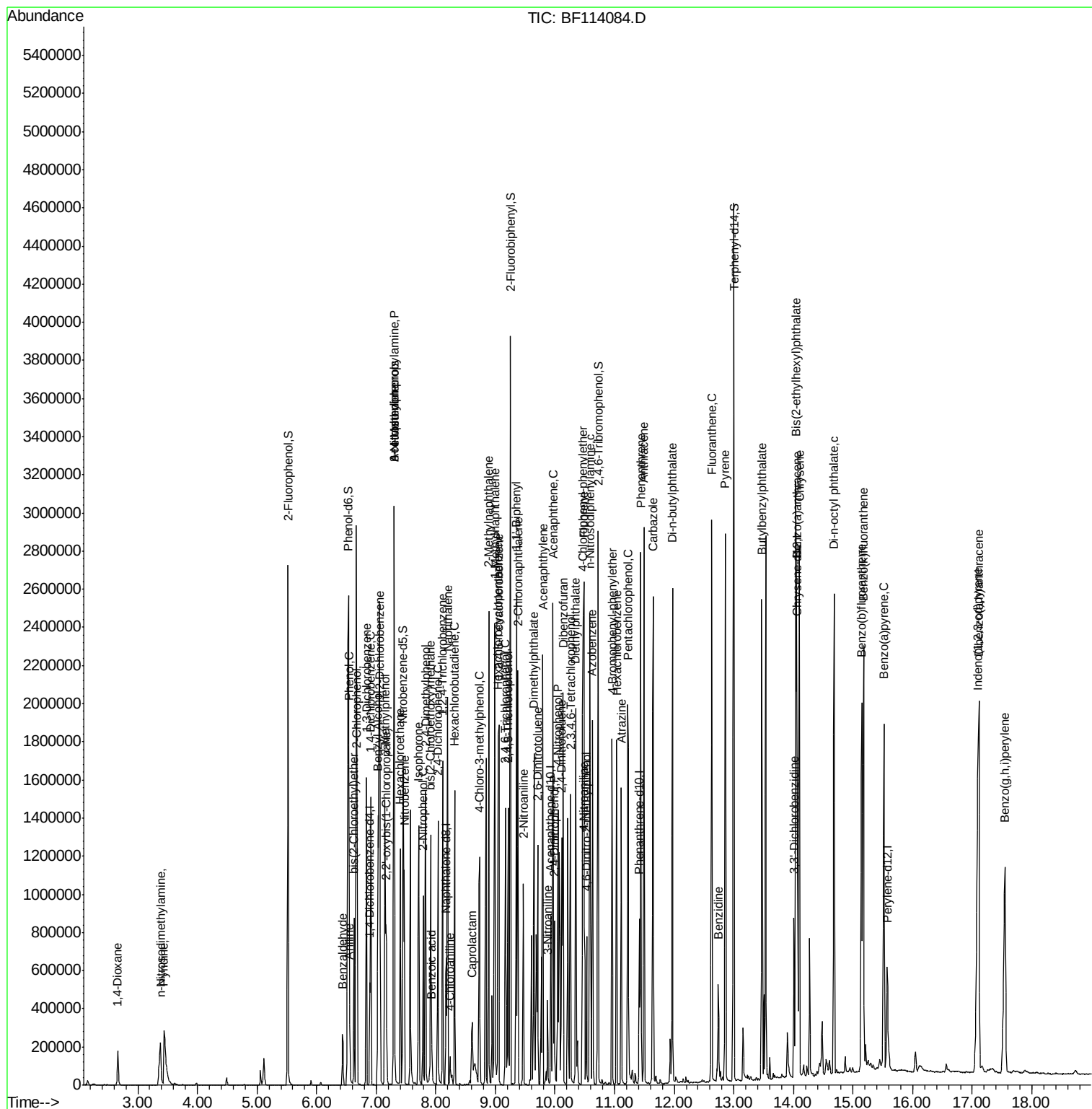
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	235196	77.000	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	216672	62.294	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	232153	59.506	ng	99
46) 1,1'-Biphenyl	9.35	154	769831	59.761	ng	98
47) 2-Chloronaphthalene	9.37	162	627283	59.880	ng	97
48) 2-Nitroaniline	9.47	65	170041	61.919	ng	88
49) Acenaphthylene	9.79	152	915394	55.817	ng	99
50) Dimethylphthalate	9.65	163	865864	70.999	ng	99
51) 2,6-Dinitrotoluene	9.71	165	167452	64.002	ng	99
52) Acenaphthene	9.96	154	549682	56.714	ng	98
53) 3-Nitroaniline	9.87	138	71001	25.825	ng	96
54) 2,4-Dinitrophenol	9.99	184	137738	117.345	ng	# 1
55) Dibenzofuran	10.13	168	856508	58.996	ng	97
56) 4-Nitrophenol	10.05	139	281044	129.106	ng	98
57) 2,4-Dinitrotoluene	10.12	165	237083	71.791	ng	98
58) Fluorene	10.48	166	658210	60.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	207510	60.526	ng	99
60) Diethylphthalate	10.35	149	772707	66.722	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	348255	60.162	ng	99
62) 4-Nitroaniline	10.49	138	171365	63.871	ng	99
63) Azobenzene	10.63	77	661271	58.915	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	109373	65.832	ng	98
66) n-Nitrosodiphenylamine	10.59	169	620247	59.803	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	237395	56.851	ng	97
68) Hexachlorobenzene	11.03	284	262014	57.100	ng	97
69) Atrazine	11.11	200	210958	62.526	ng	99
70) Pentachlorophenol	11.23	266	282241	108.636	ng	98
71) Phenanthrene	11.44	178	1115739	64.229	ng	100
72) Anthracene	11.49	178	1129825	64.406	ng	99
73) Carbazole	11.65	167	1048726	67.010	ng	100
74) Di-n-butylphthalate	11.97	149	1364843	74.137	ng	100
75) Fluoranthene	12.63	202	1306108	68.915	ng	99
77) Benzidine	12.74	184	199110	27.836	ng	97
78) Pyrene	12.86	202	1300953	77.491	ng	99
80) Butylbenzylphthalate	13.47	149	582029	88.114	ng	99
81) Benzo(a)anthracene	14.06	228	1068581	75.547	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	184586	35.604	ng	98
83) Chrysene	14.10	228	1056773	76.714	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	815684	97.057	ng	99
85) Di-n-octyl phthalate	14.68	149	1277222	97.094	ng	98
86) Indeno(1,2,3-cd)pyrene	17.09	276	1251537	95.914	ng	98
88) Benzo(b)fluoranthene	15.14	252	1063734	66.991	ng	100
89) Benzo(k)fluoranthene	15.17	252	1008958	73.870	ng	100
90) Benzo(a)pyrene	15.52	252	1025469	74.664	ng	99
91) Dibenzo(a,h)anthracene	17.11	278	1026096	79.587	ng	100
92) Benzo(g,h,i)perylene	17.55	276	1061772	81.606	ng	99

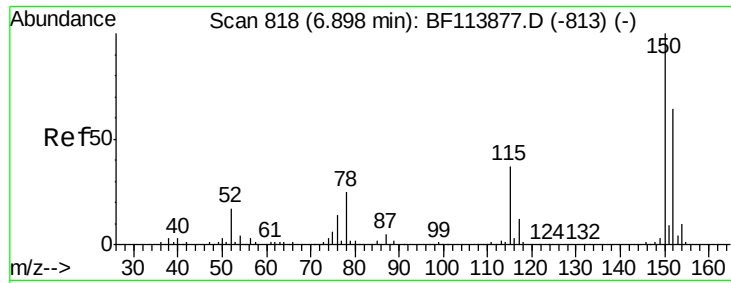
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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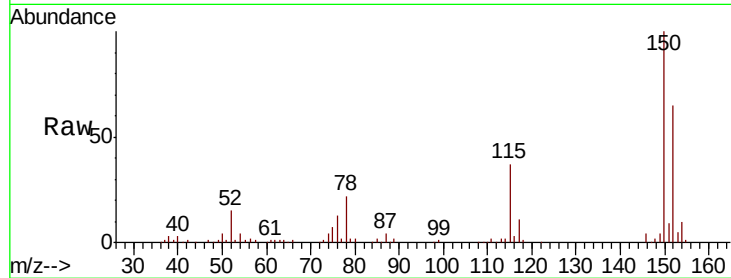


#1

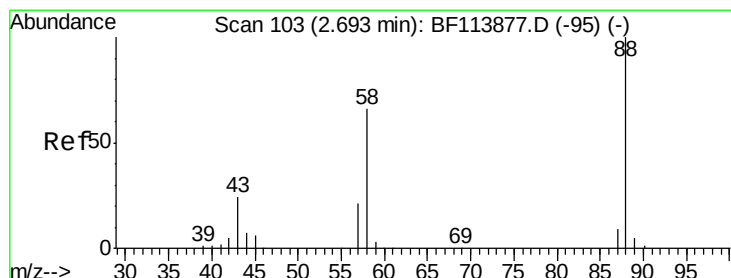
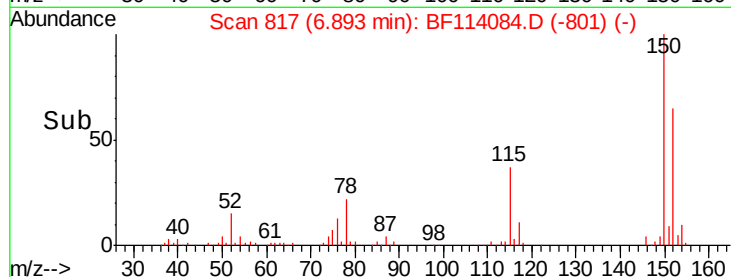
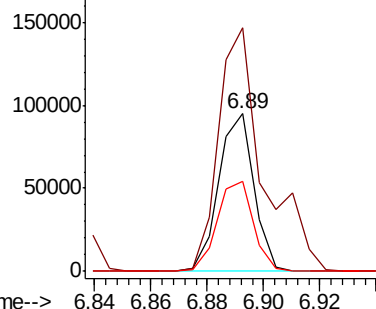
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
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ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion:152 Resp: 81868
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 57.4 45.9 68.9



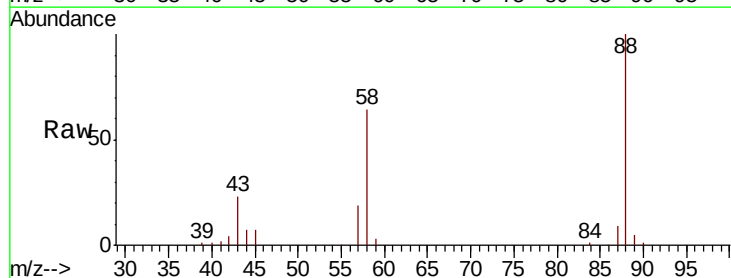
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



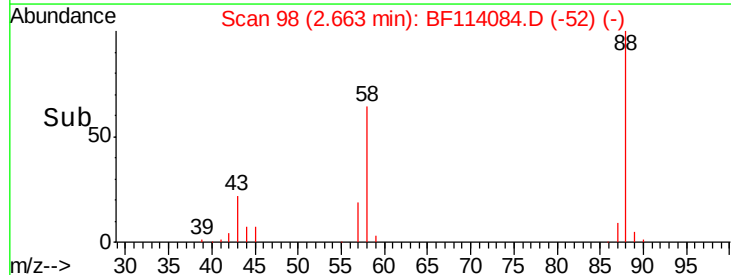
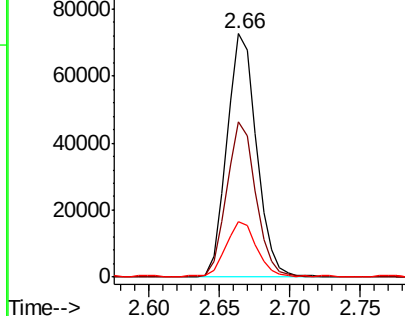
#2

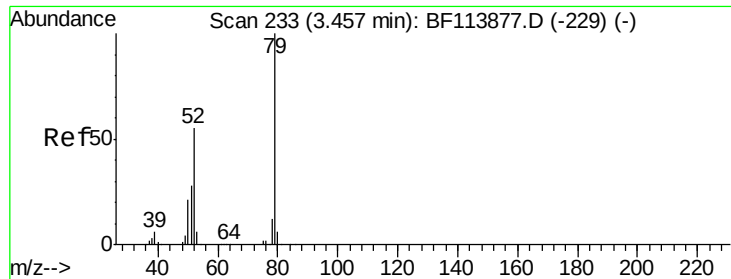
1,4-Dioxane
Concen: 47.152 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.03 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion: 88 Resp: 106392
Ion Ratio Lower Upper
88 100
58 62.7 53.3 79.9
43 23.9 19.0 28.4



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





#3

Pvridine

Concen: 49.969 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.02 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

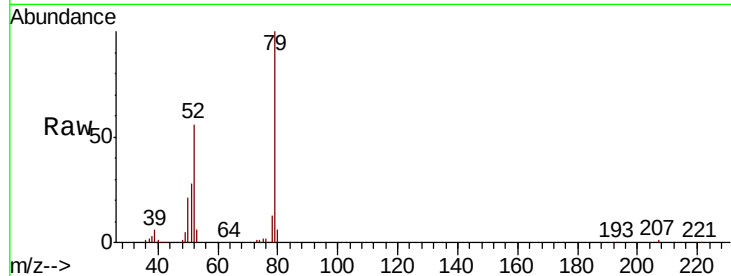
Tot Ion: 79 Resp: 307754

Ion Ratio Lower Upper

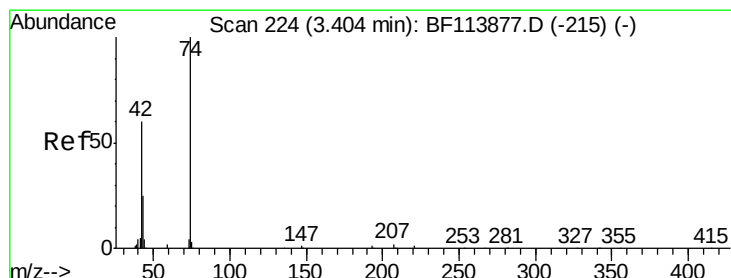
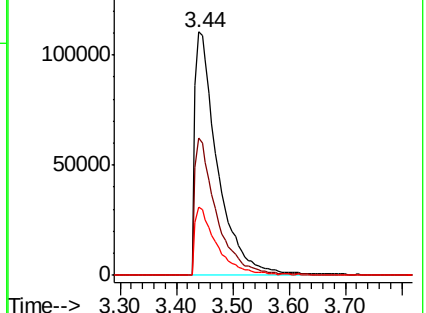
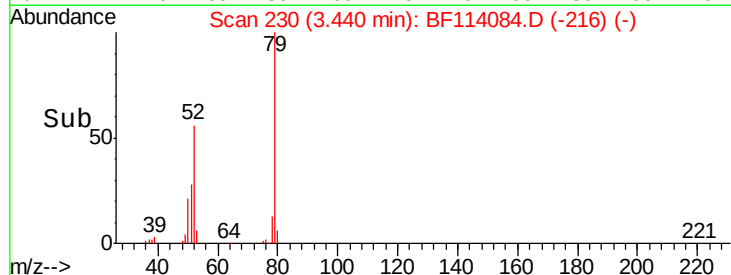
79 100

52 56.4 45.3 67.9

51 28.0 22.1 33.1



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: 57.207 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.02 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

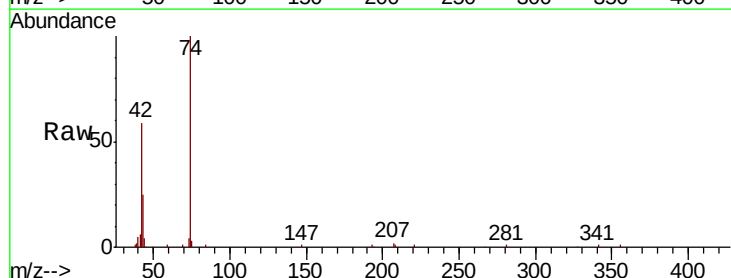
Tgt Ion: 42 Resp: 120608

Ion Ratio Lower Upper

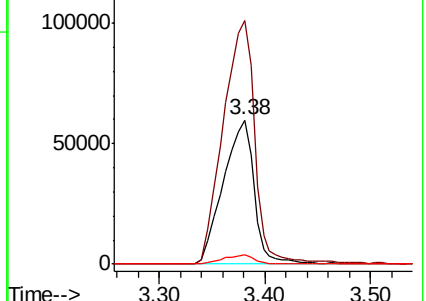
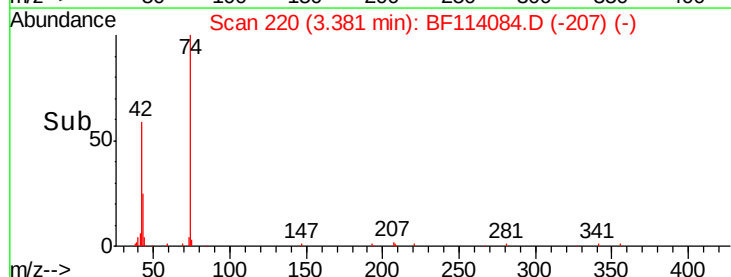
42 100

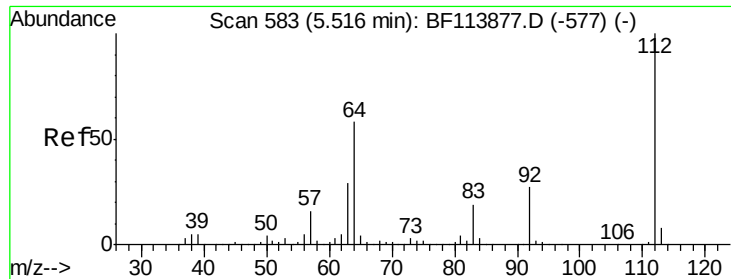
74 169.2 132.6 198.8

44 6.9 5.8 8.8



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: 176.558 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114084.D

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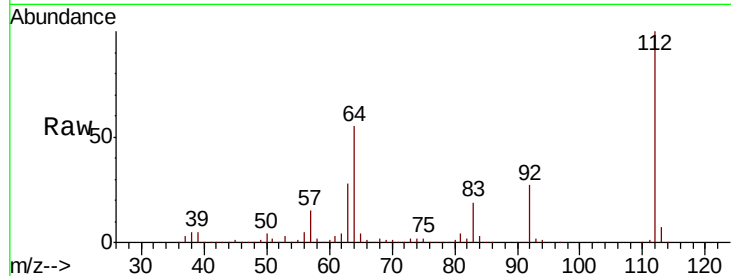
Tot Ion:112 Resp: 845114

Ion Ratio Lower Upper

112 100

64 55.4 46.6 69.8

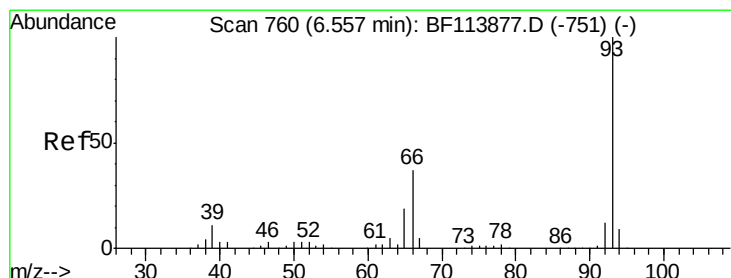
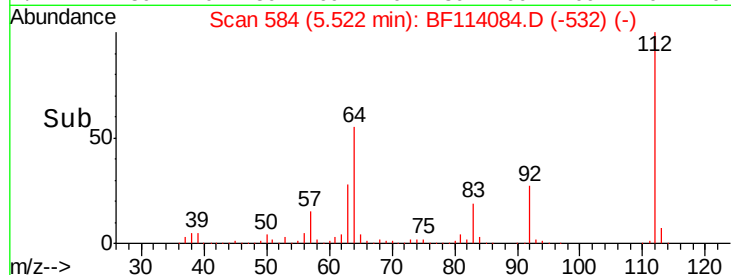
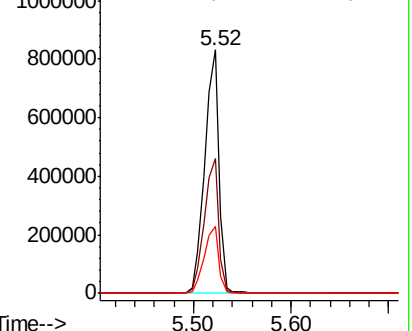
63 27.7 23.1 34.7



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: 20.883 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

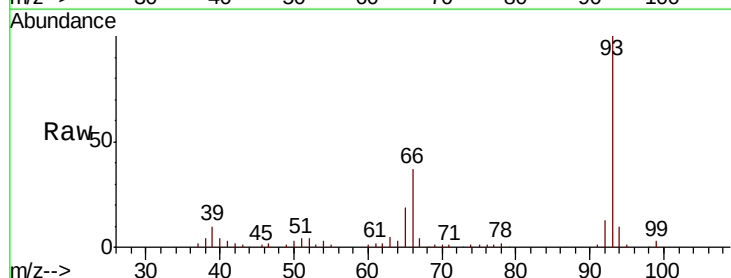
Tgt Ion: 93 Resp: 172208

Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.6

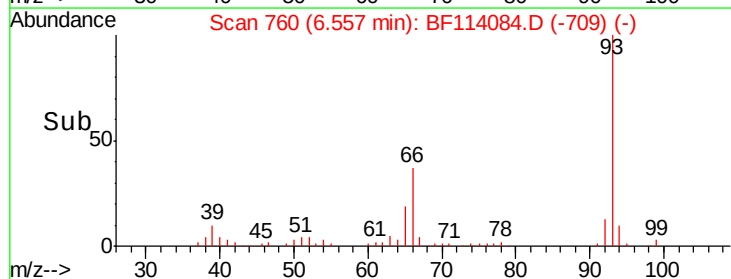
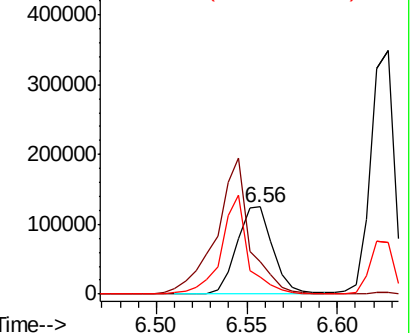
65 18.9 14.9 22.3

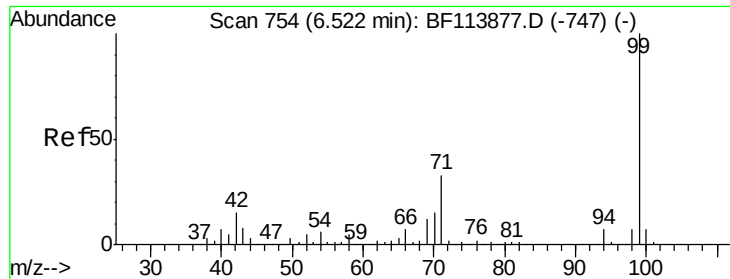


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 190.382 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

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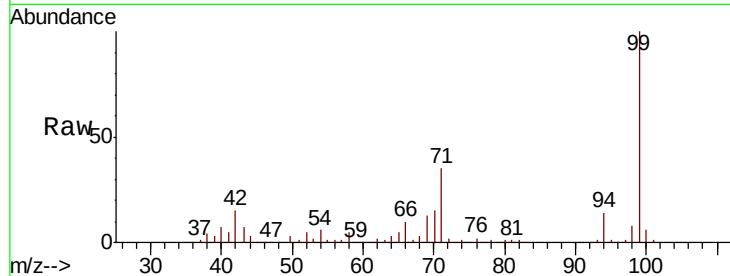
Tot Ion: 99 Resp: 1143316

Ion Ratio Lower Upper

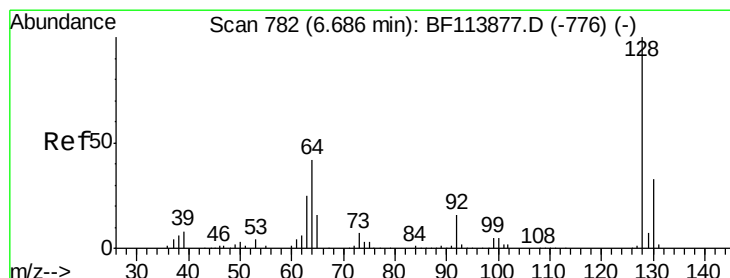
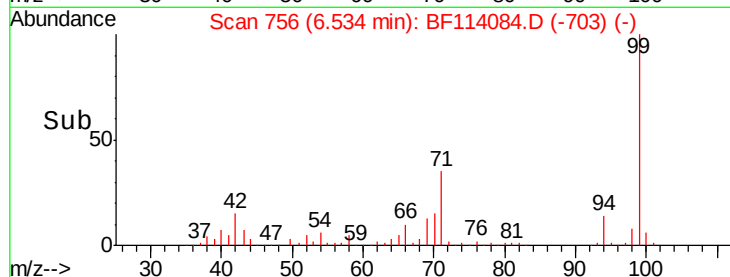
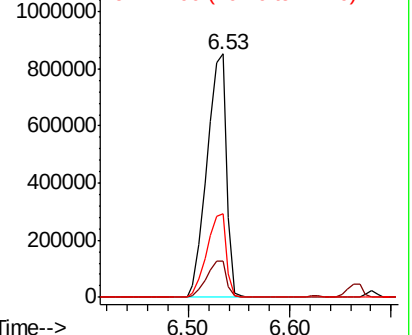
99 100

42 14.7 12.5 18.7

71 34.5 26.9 40.3



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: 58.464 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114084.D

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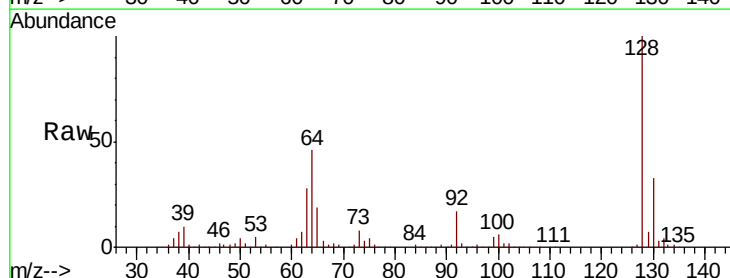
Tgt Ion:128 Resp: 319497

Ion Ratio Lower Upper

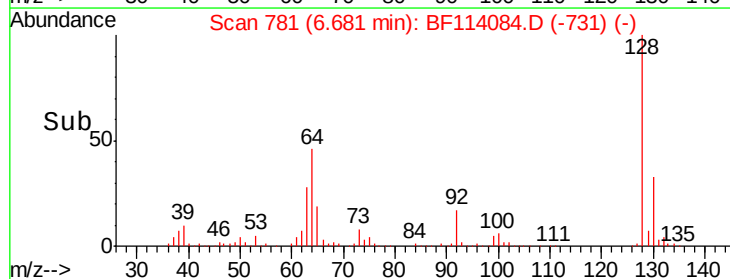
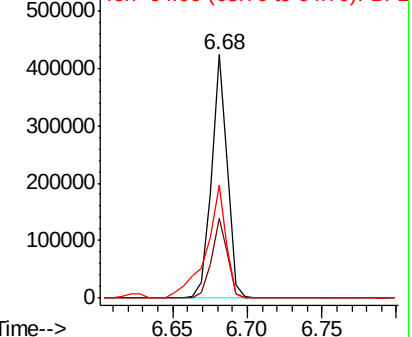
128 100

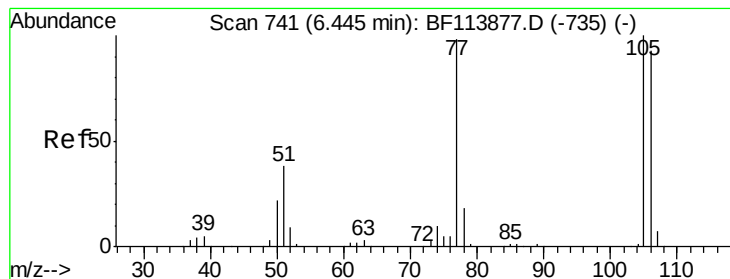
130 33.0 12.3 52.3

64 46.3 26.1 66.1



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: 12.081 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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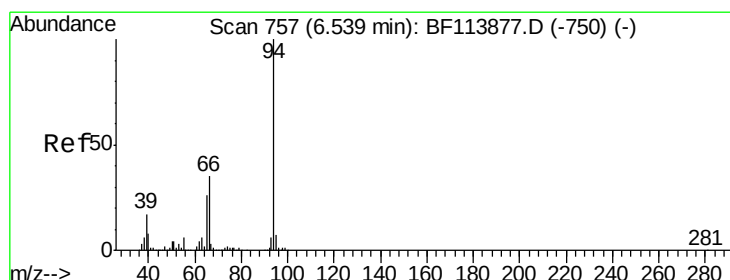
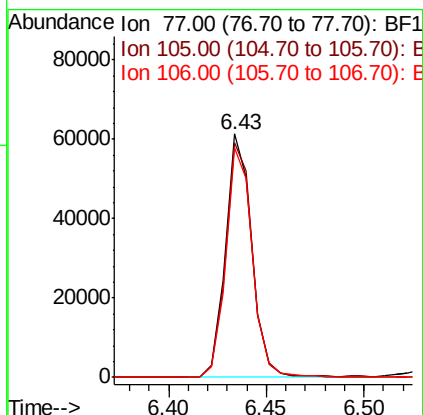
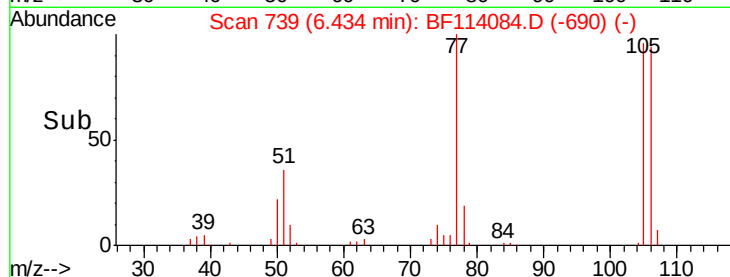
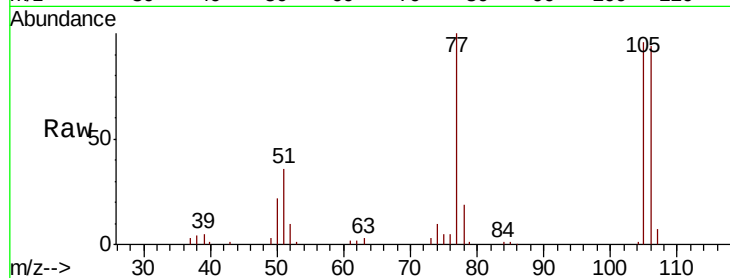
Tot Ion: 77 Resp: 56597

Ion Ratio Lower Upper

77 100

105 96.3 74.1 114.1

106 94.4 70.3 110.3



#10

Phenol

Concen: 56.671 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

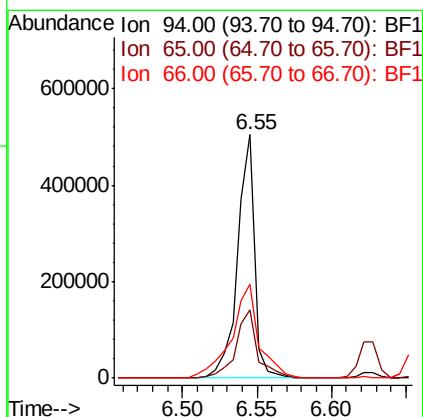
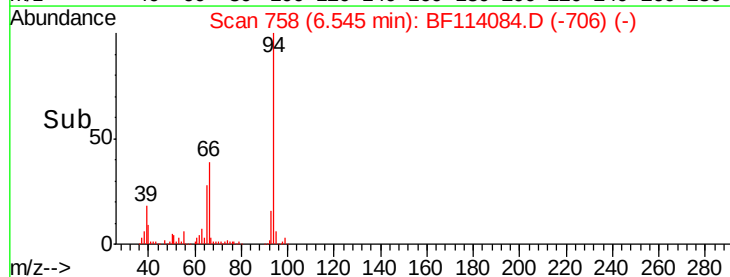
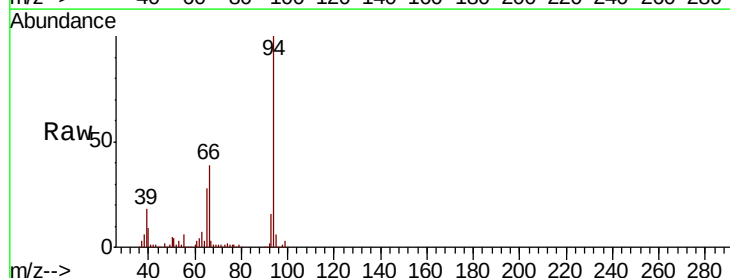
Tgt Ion: 94 Resp: 406961

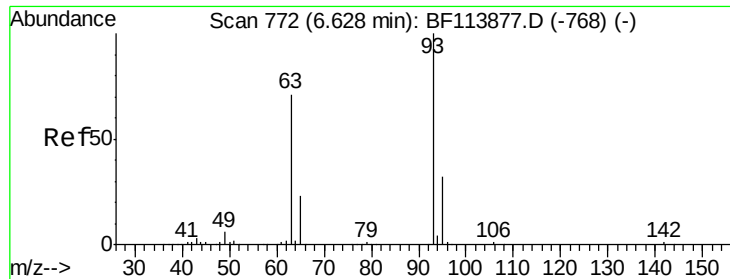
Ion Ratio Lower Upper

94 100

65 28.0 8.1 48.1

66 38.8 16.6 56.6

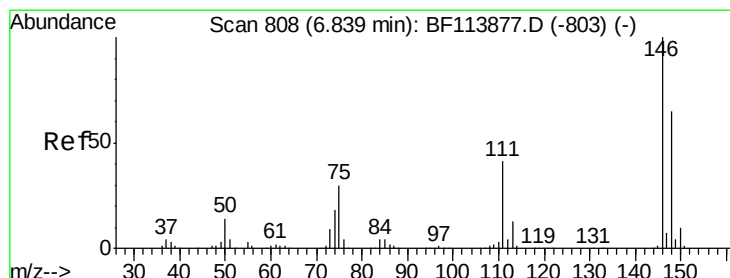
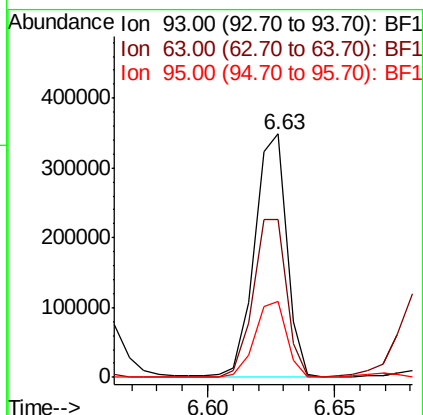
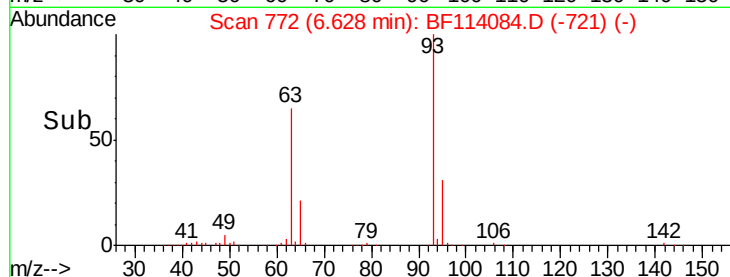
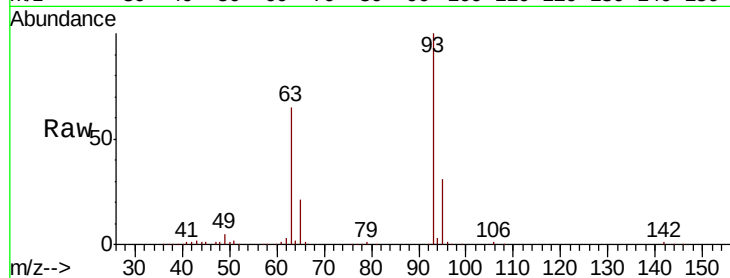




#11
bis(2-Chloroethyl)ether
Concen: 57.313 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

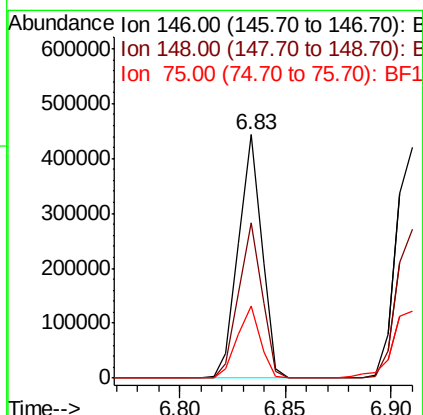
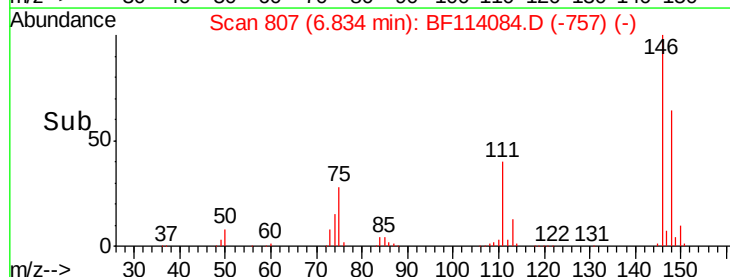
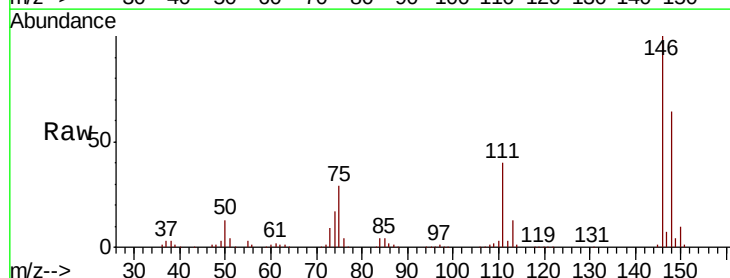
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

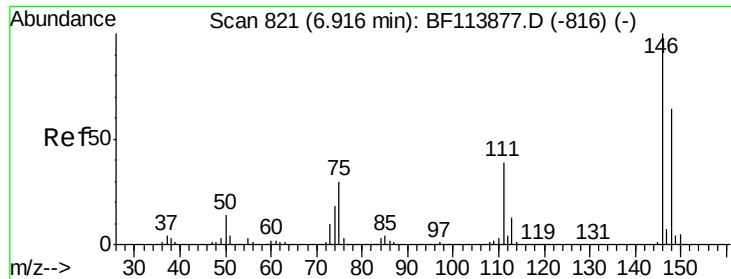
Tot Ion	Ratio	Lower	Upper
93	100		
63	64.6	50.7	90.7
95	31.3	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 54.989 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
75	29.4	23.8	35.8

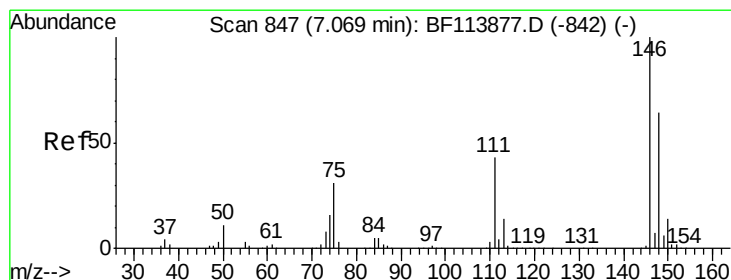
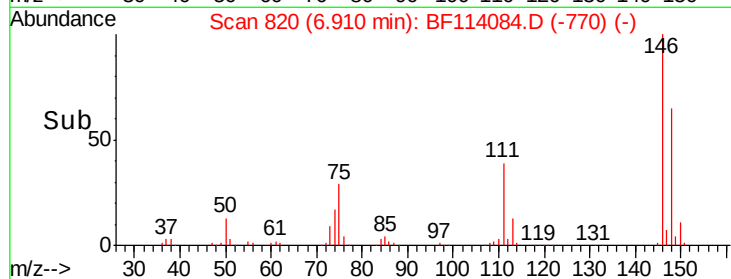
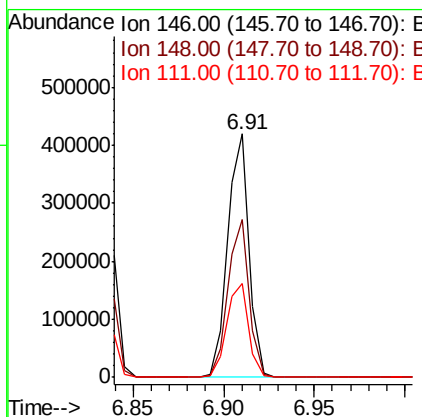
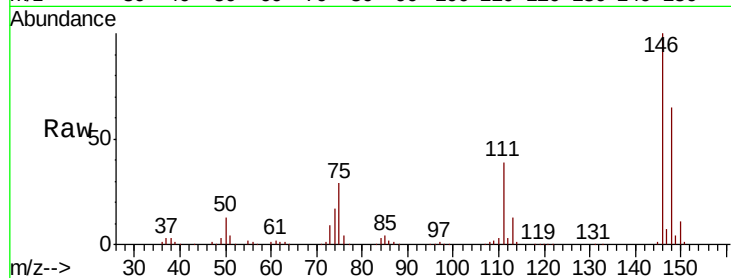




#13
 1,4-Dichlorobenzene
 Concen: 55.341 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

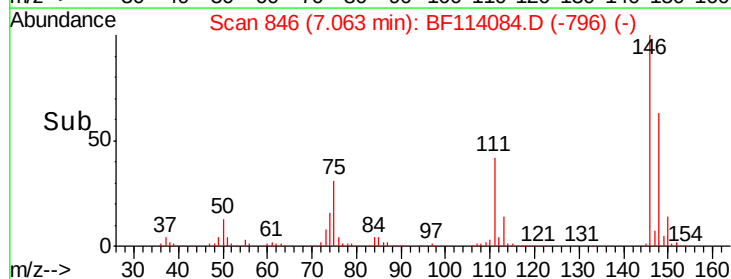
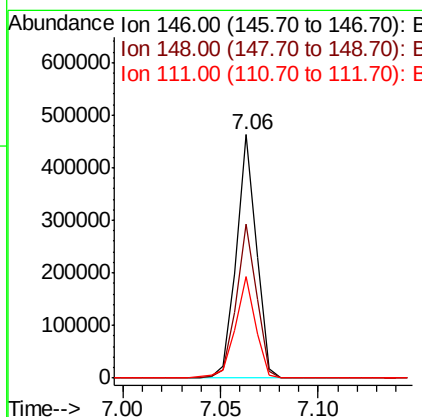
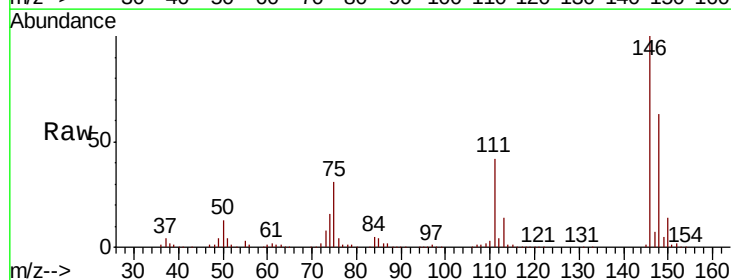
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

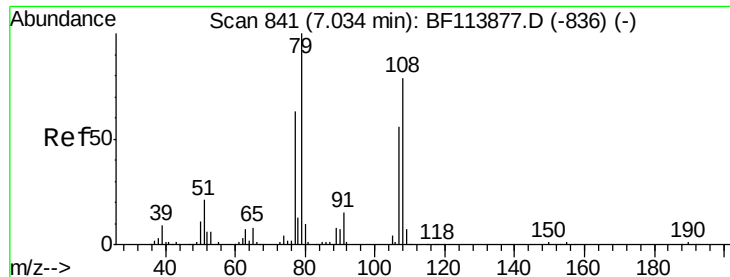
Tot Ion:146 Resp: 344513
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 38.8 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 57.625 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion:146 Resp: 329683
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.1 78.1
 111 41.8 34.2 51.4





#15

Benzyl Alcohol

Concen: 74.539 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

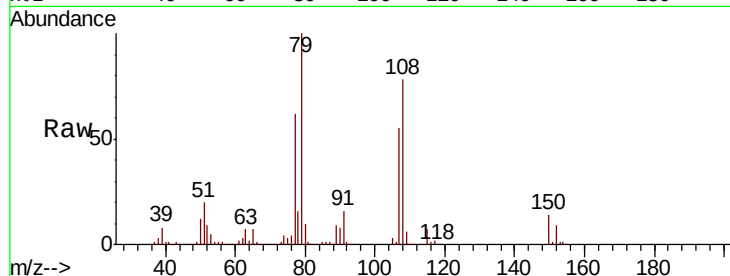
Tot Ion: 79 Resp: 301481

Ion Ratio Lower Upper

79 100

108 77.6 61.4 92.0

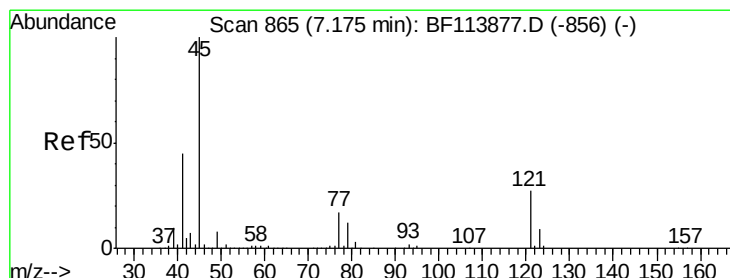
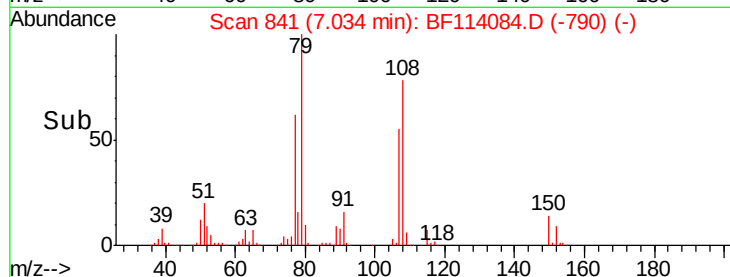
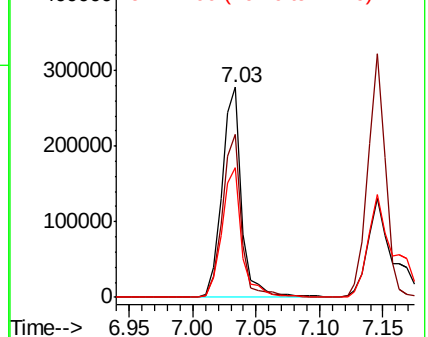
77 61.7 51.6 77.4



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: 55.090 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

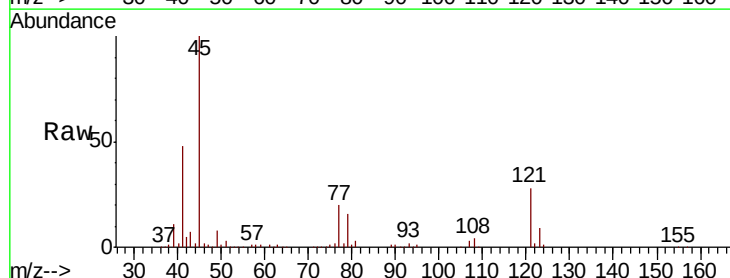
Tgt Ion: 45 Resp: 347512

Ion Ratio Lower Upper

45 100

77 20.1 0.0 37.0

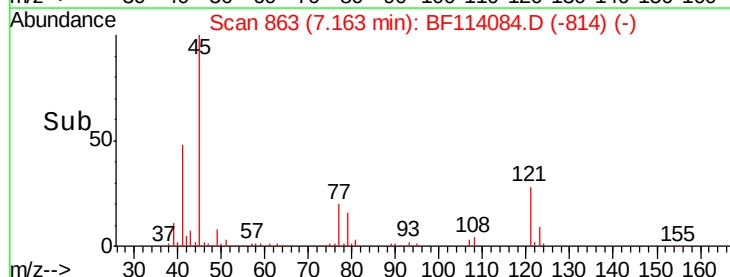
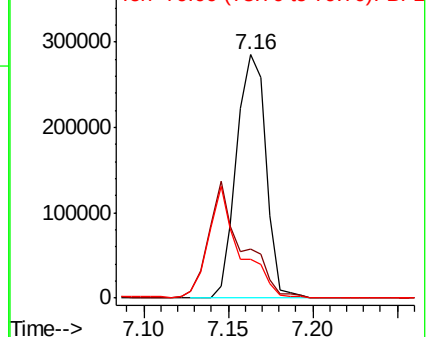
79 15.8 0.0 32.7

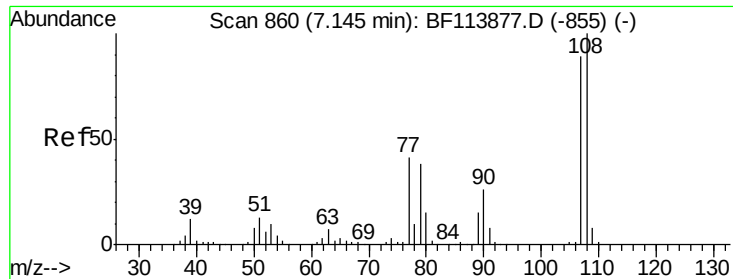


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 57.768 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:107 Resp: 276726

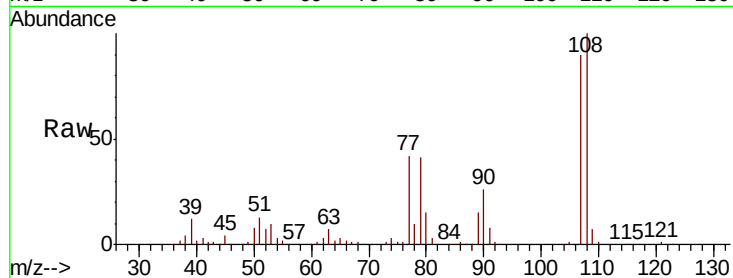
Ion Ratio Lower Upper

107 100

108 111.0 91.5 137.3

77 47.1 36.2 54.4

79 45.3 35.4 53.0



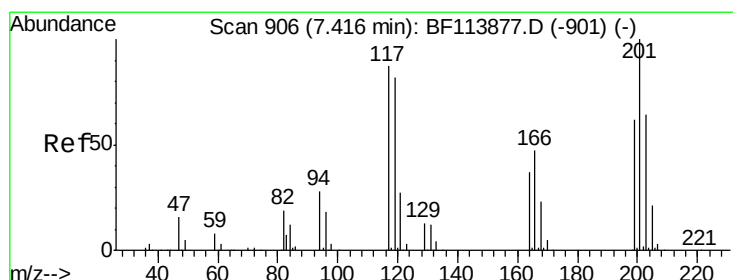
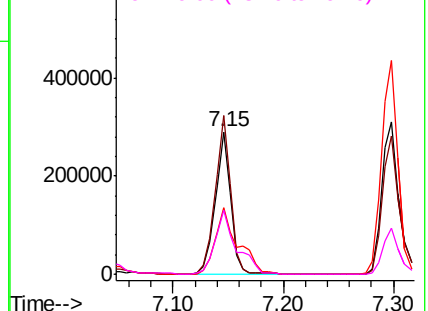
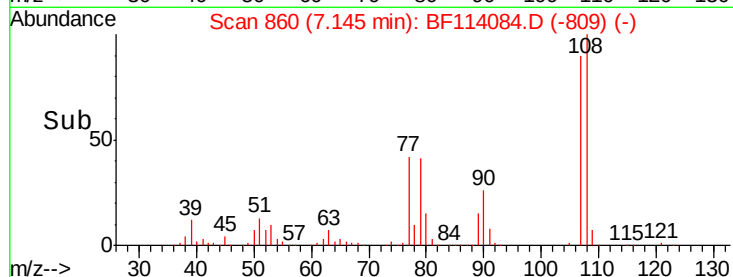
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 54.973 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

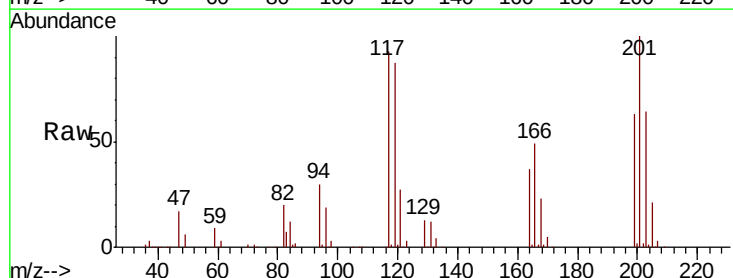
Tgt Ion:117 Resp: 119966

Ion Ratio Lower Upper

117 100

119 93.1 74.4 111.6

201 107.4 90.2 135.2

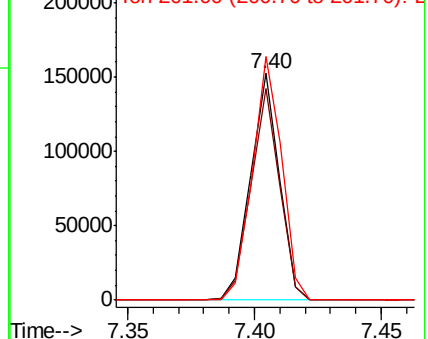
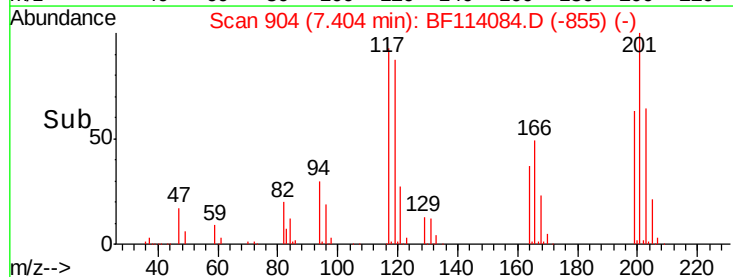


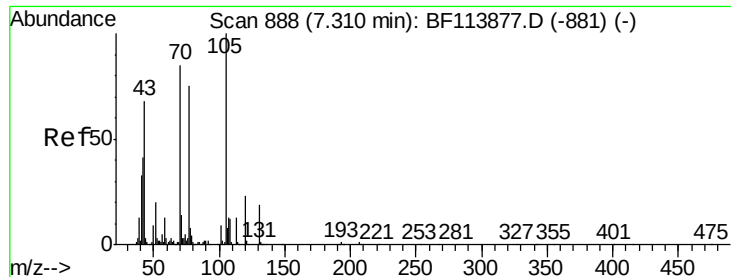
Abundance

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

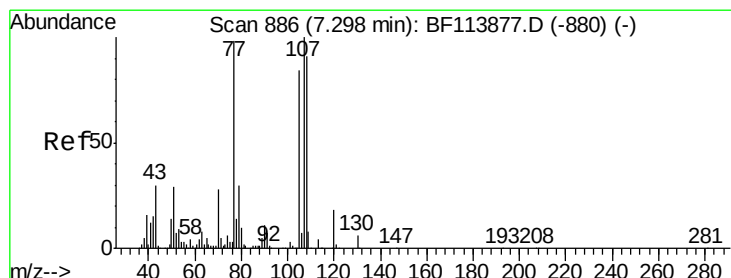
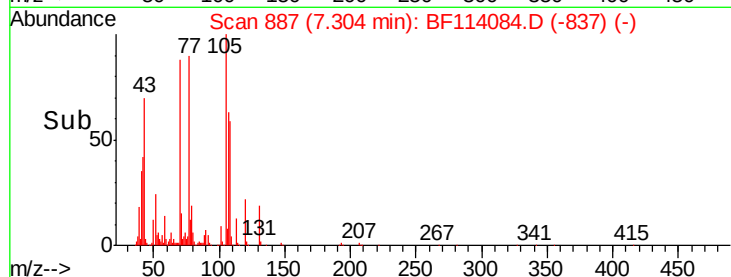
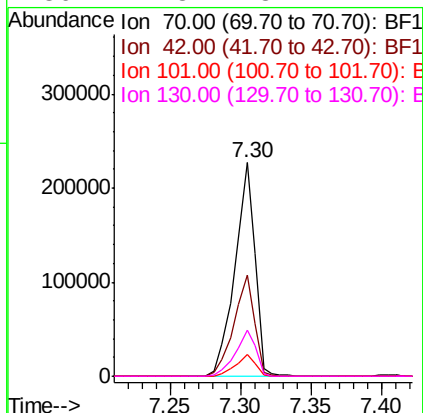
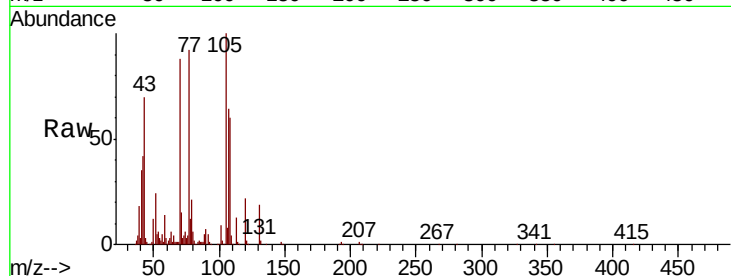




#19
n-Nitroso-di-n-propylamine
Concen: 57.805 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

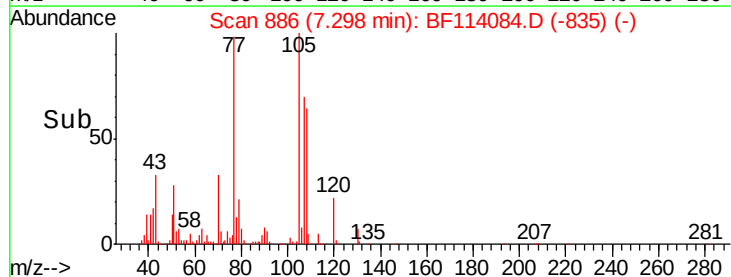
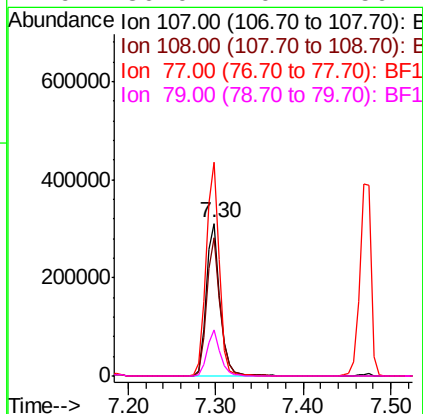
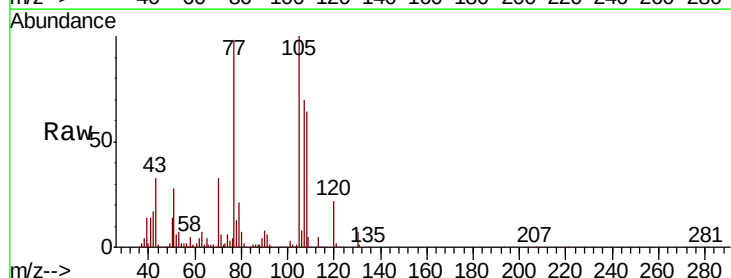
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

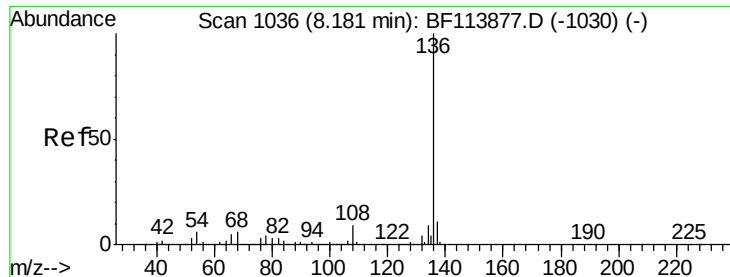
Tot Ion:	70	Resp:	224805
Ion	Ratio	Lower	Upper
70	100		
42	47.6	37.3	55.9
101	10.1	7.8	11.8
130	21.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 62.475 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:	107	Resp:	338128
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.1	110.1
77	139.7	52.9	92.9#
79	30.0	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:136 Resp: 304855

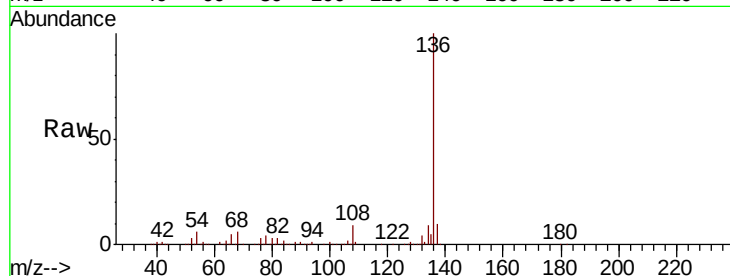
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 5.6 5.0 7.6

68 5.6 4.9 7.3

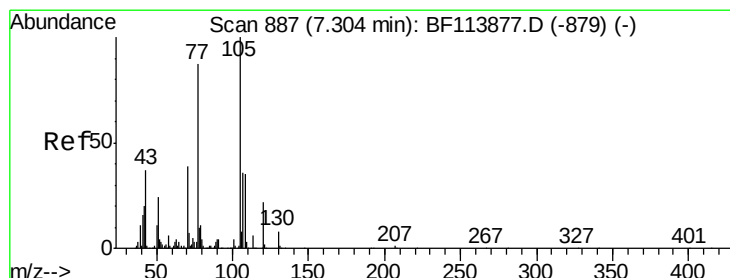
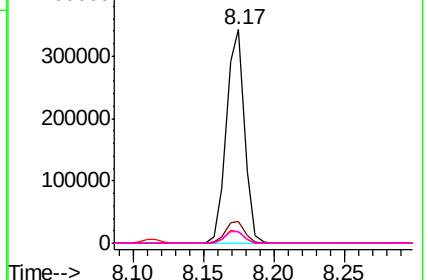
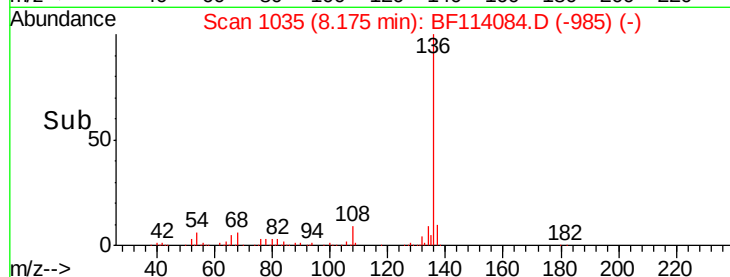


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.426 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:105 Resp: 450637

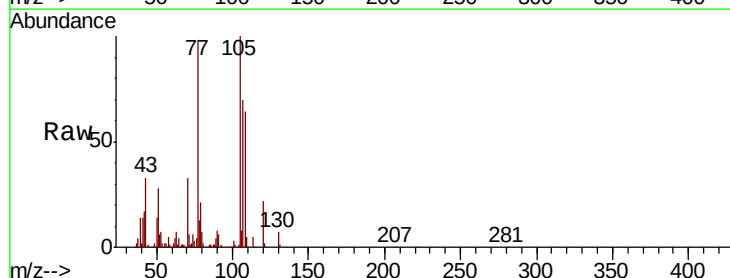
Ion Ratio Lower Upper

105 100

71 5.6 6.1 9.1#

51 28.3 16.8 25.2#

120 21.5 17.6 26.4

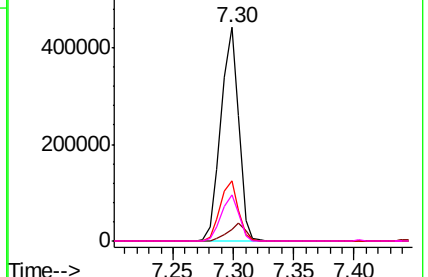
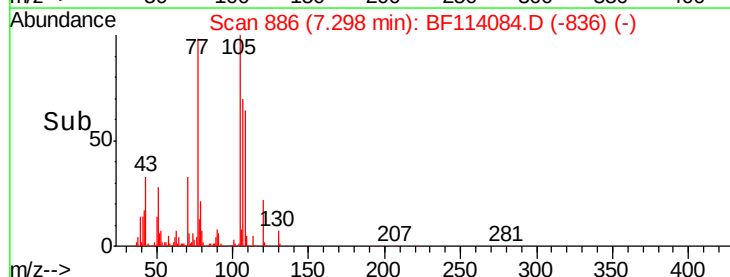


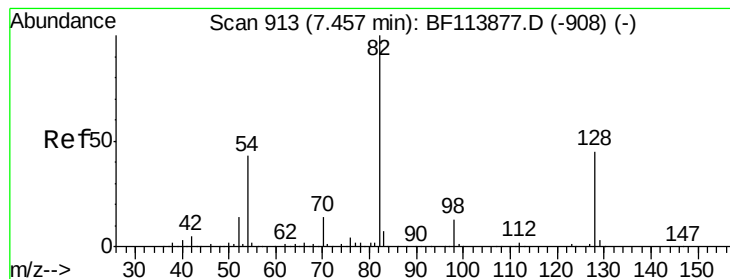
Abundance Ion 105.00 (104.70 to 105.70): E

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: 140.092 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

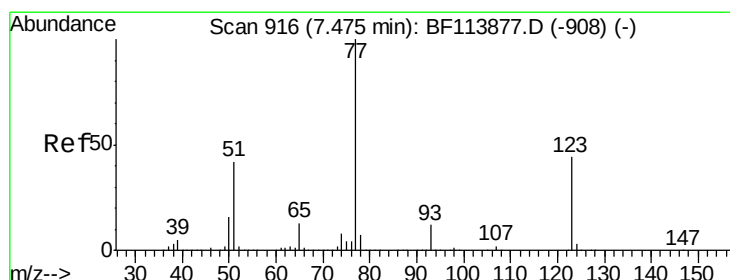
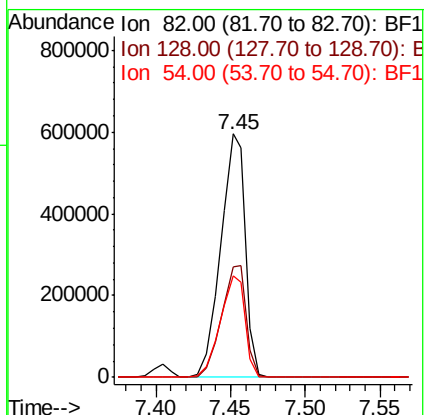
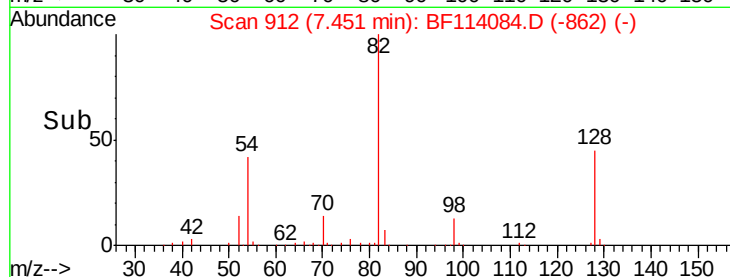
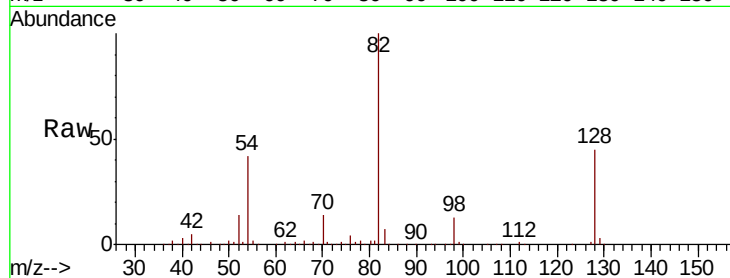
Tot Ion: 82 Resp: 691693

Ion Ratio Lower Upper

82 100

128 45.4 36.8 55.2

54 41.7 33.8 50.6



#24

Nitrobenzene

Concen: 65.196 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

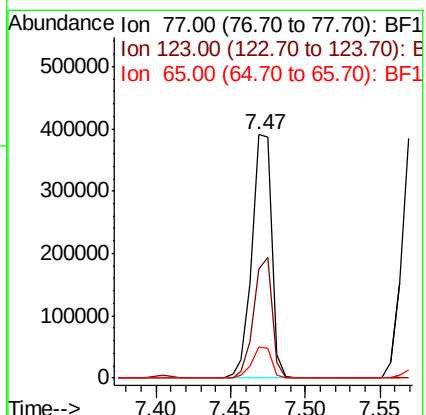
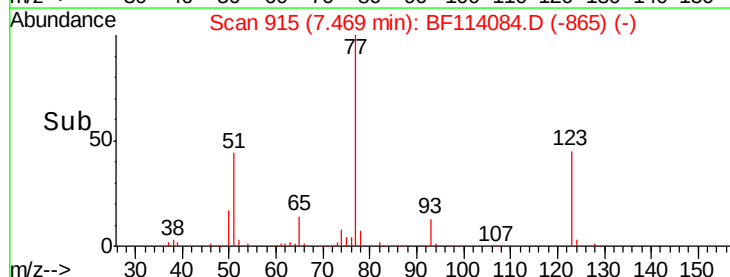
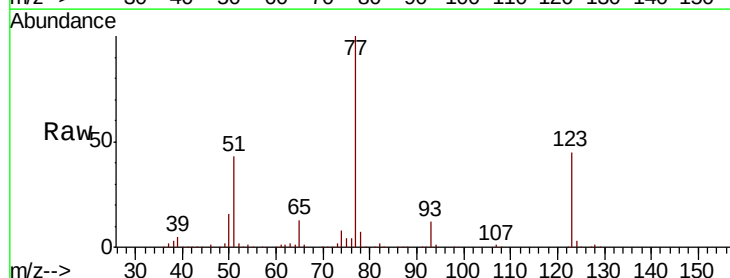
Tgt Ion: 77 Resp: 355685

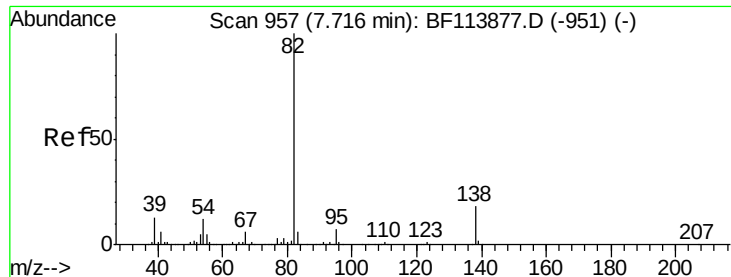
Ion Ratio Lower Upper

77 100

123 45.0 36.3 54.5

65 13.0 10.3 15.5





#25

Isophorone

Concen: 60.812 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

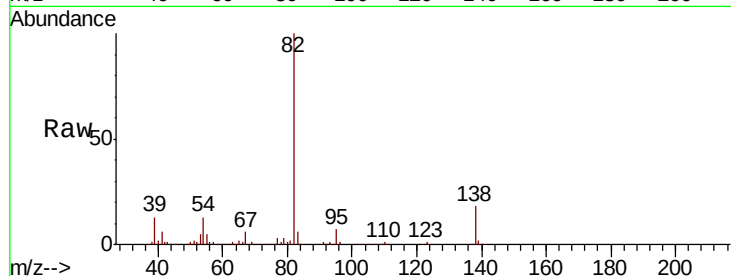
Tot Ion: 82 Resp: 614364

Ion Ratio Lower Upper

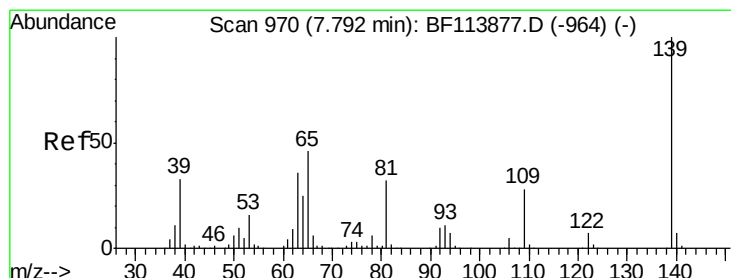
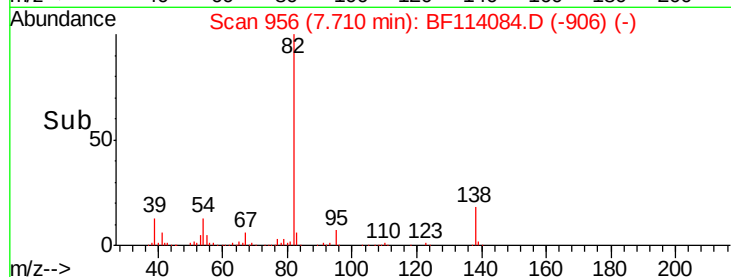
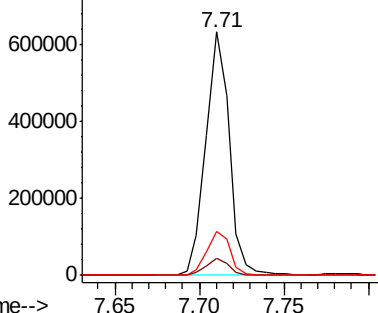
82 100

95 6.9 5.4 8.2

138 18.1 14.6 22.0



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: 73.967 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

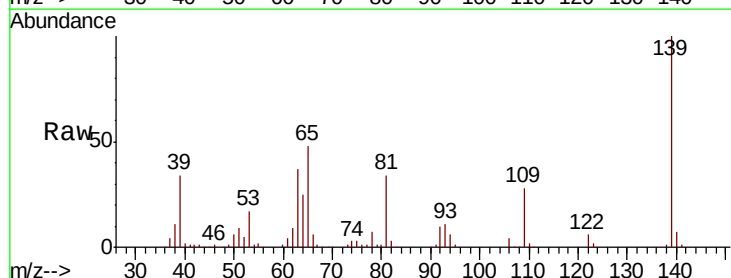
Tgt Ion: 139 Resp: 184094

Ion Ratio Lower Upper

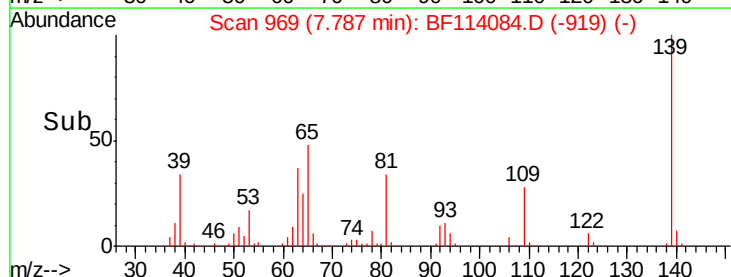
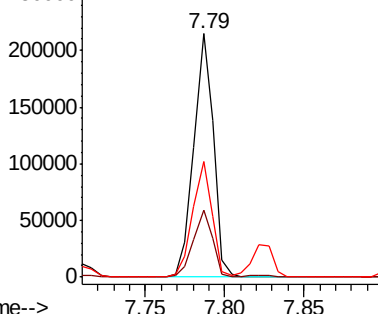
139 100

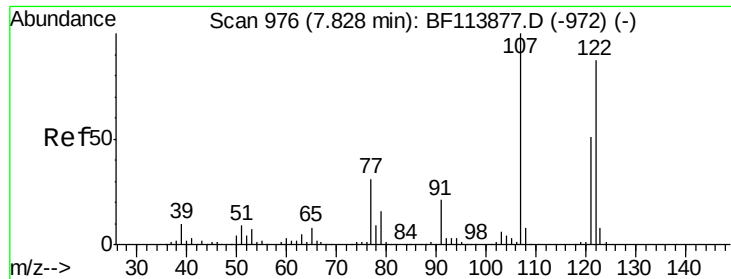
109 27.7 20.6 31.0

65 47.8 34.6 52.0



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

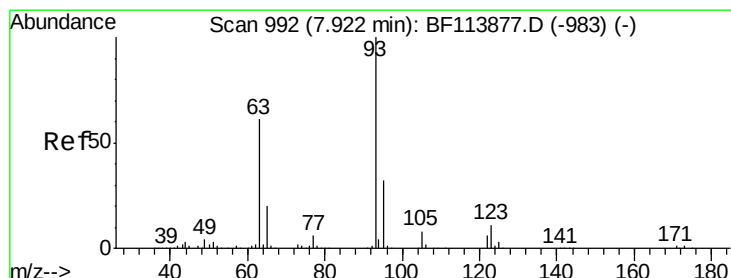
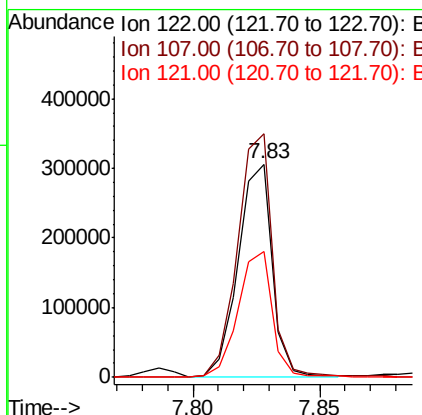
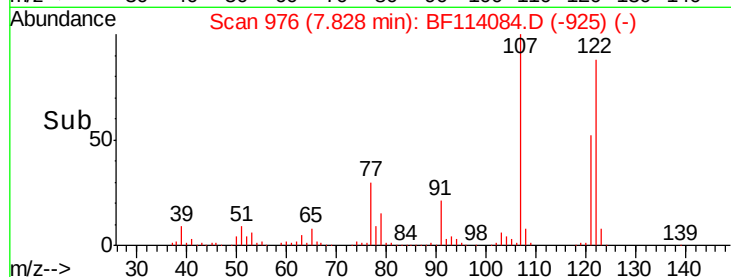
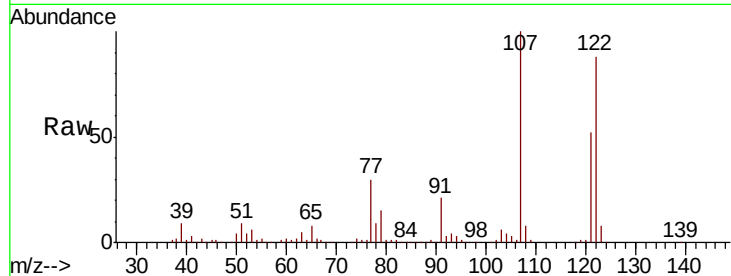




#27
 2,4-Dimethylphenol
 Concen: 71.091 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

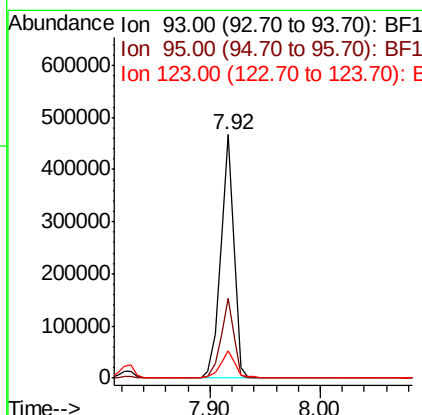
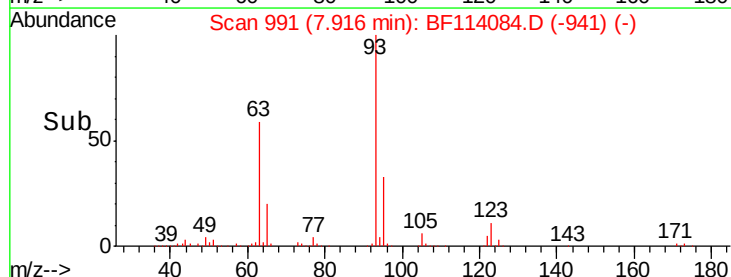
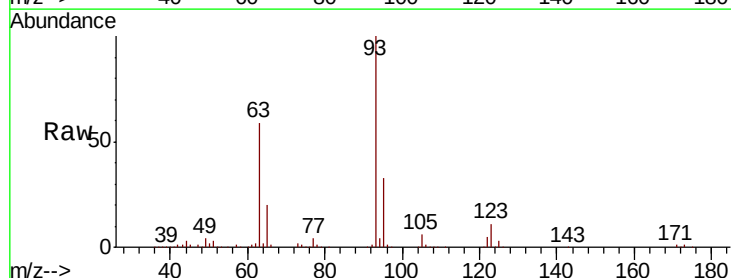
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

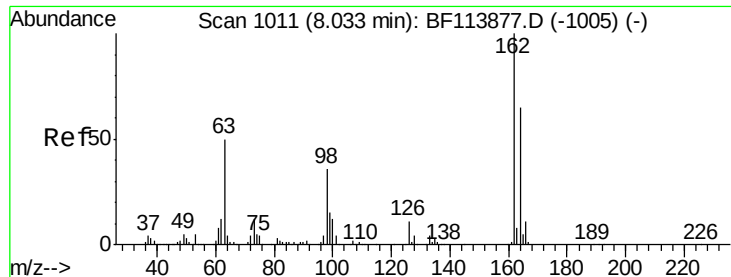
Tot Ion:122 Resp: 288278
 Ion Ratio Lower Upper
 122 100
 107 114.1 91.2 136.8
 121 59.2 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.948 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion: 93 Resp: 392364
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.6
 123 11.2 9.0 13.6

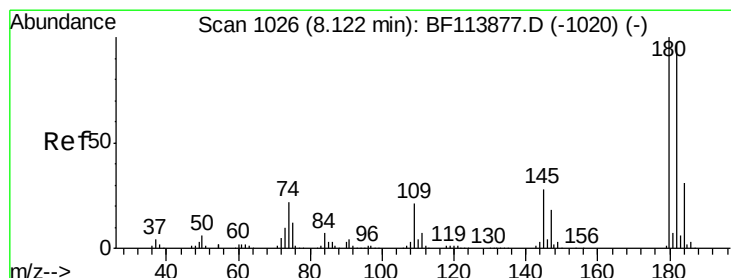
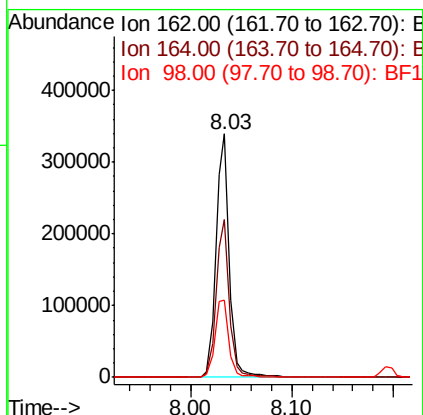
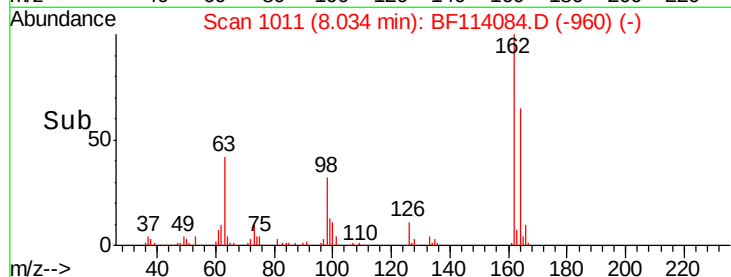
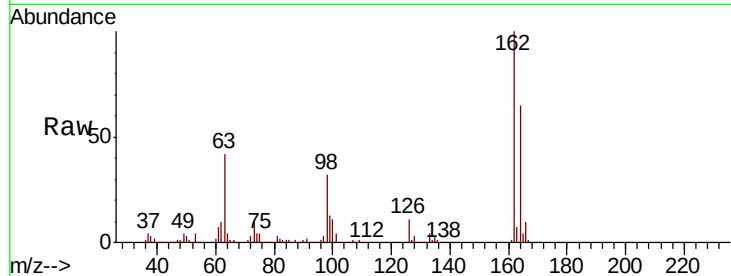




#29
2,4-Dichlorophenol
Concen: 66.534 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

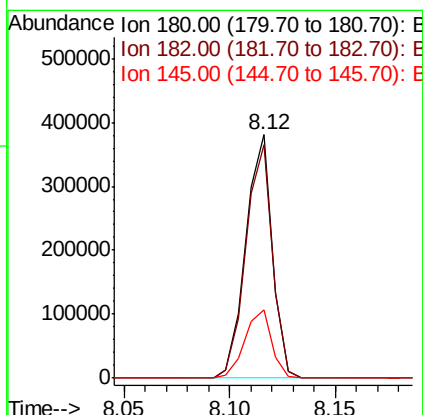
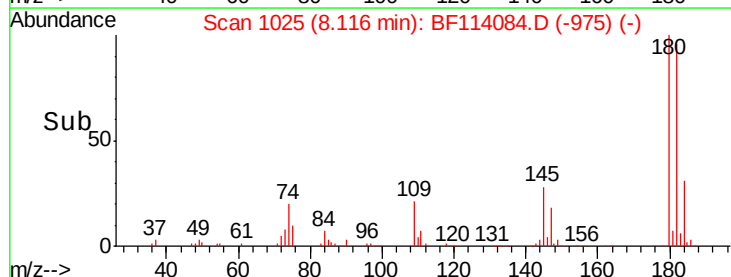
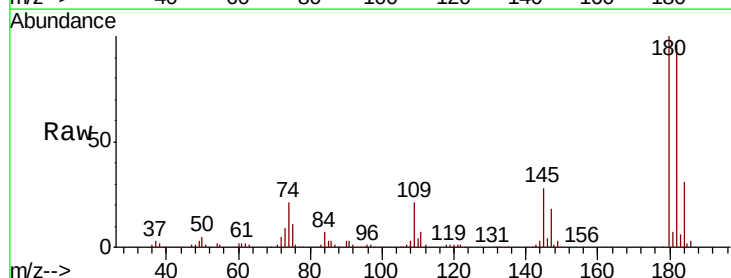
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

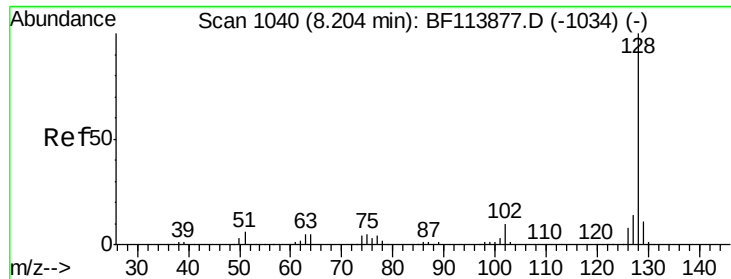
Tot Ion:162 Resp: 308523
Ion Ratio Lower Upper
162 100
164 64.6 43.7 83.7
98 31.8 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 64.312 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:180 Resp: 332517
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.0
145 27.8 23.0 34.4

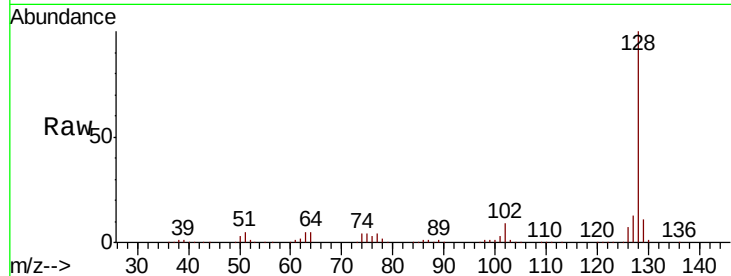




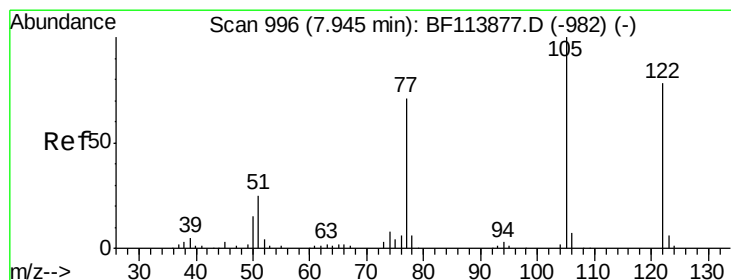
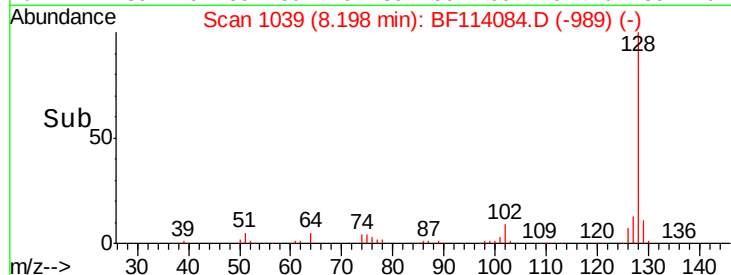
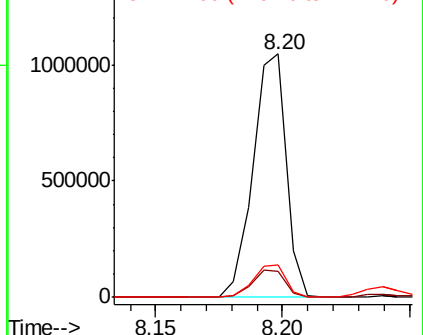
#31
Naphthalene
Concen: 66.244 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion:128 Resp: 959360
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.2 10.8 16.2

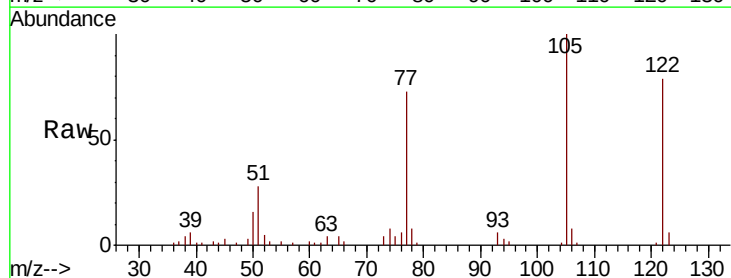


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

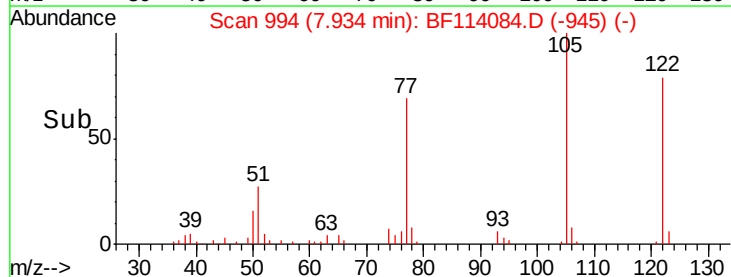
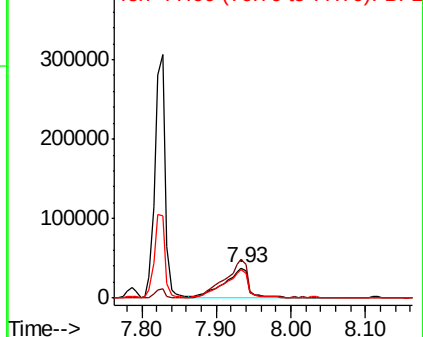


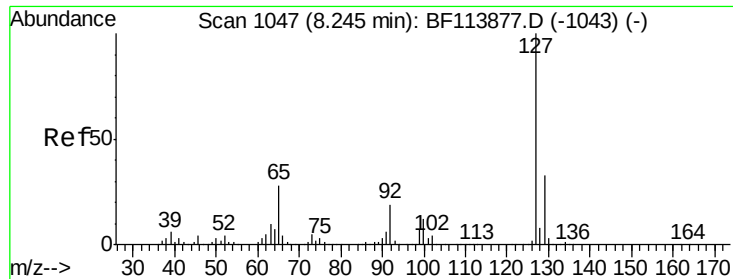
#32
Benzoic acid
Concen: 32.674 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:122 Resp: 89477
Ion Ratio Lower Upper
122 100
105 126.8 104.3 144.3
77 93.1 70.4 110.4



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

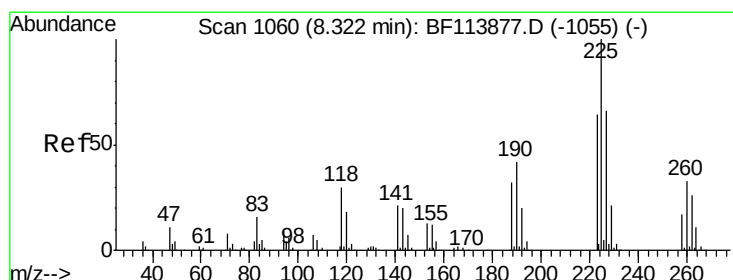
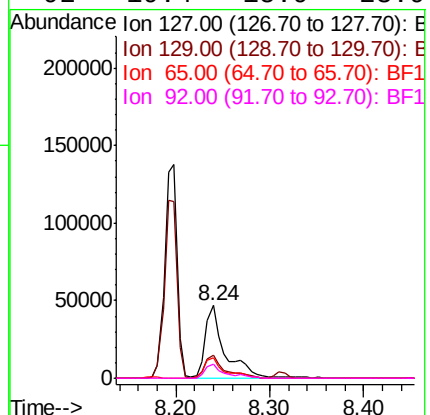
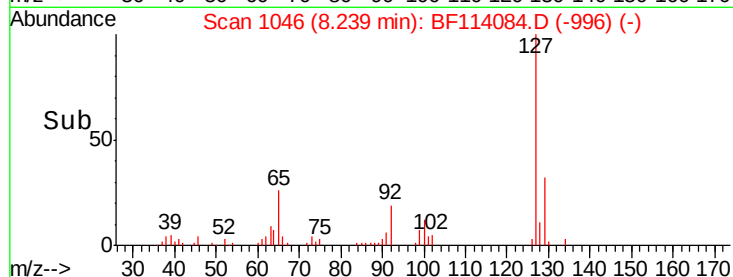
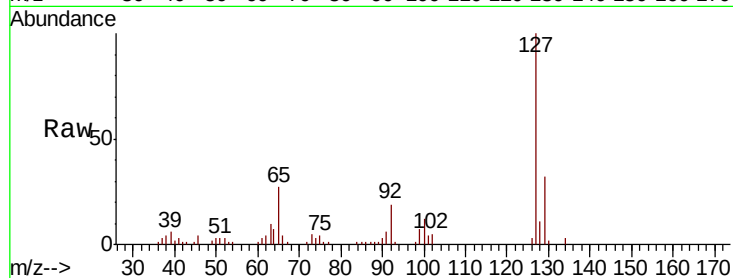




#33
4-Chloroaniline
Concen: 11.276 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

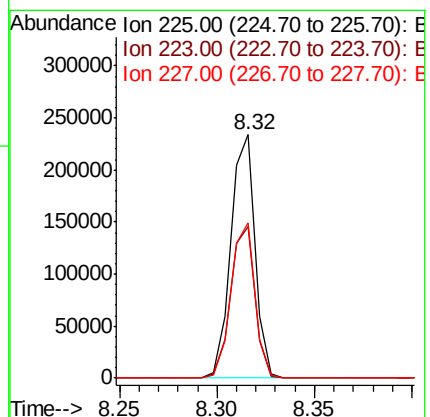
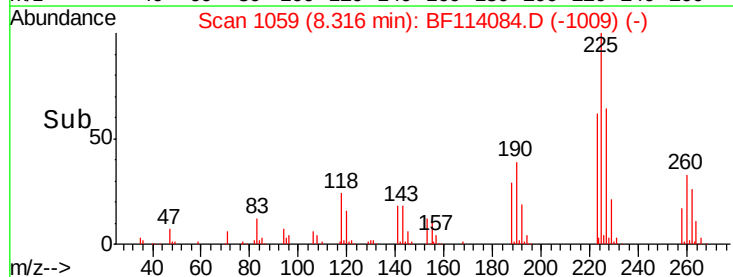
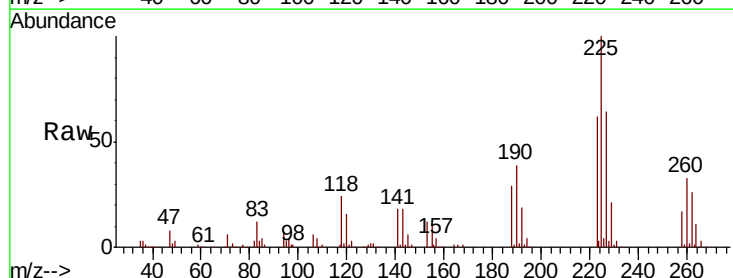
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

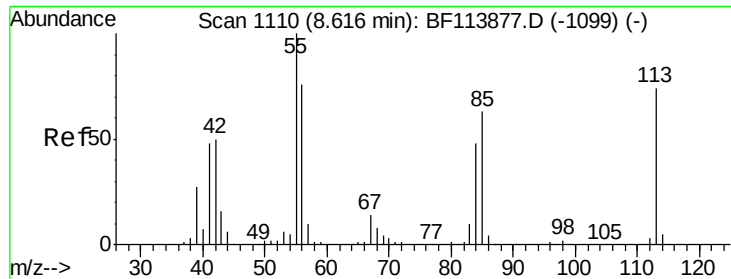
Tot Ion:	127	Resp:	69100
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	27.3	24.9	37.3
92	19.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 62.317 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:	225	Resp:	200857
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.1	76.7
227	63.9	49.9	74.9

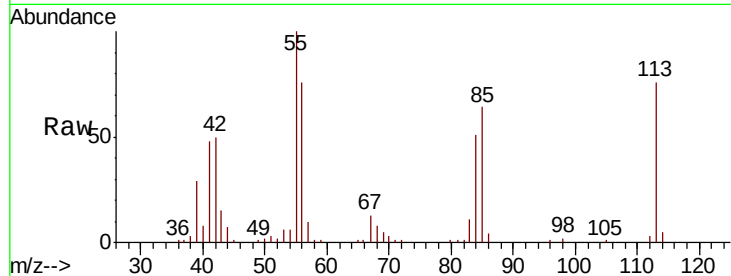




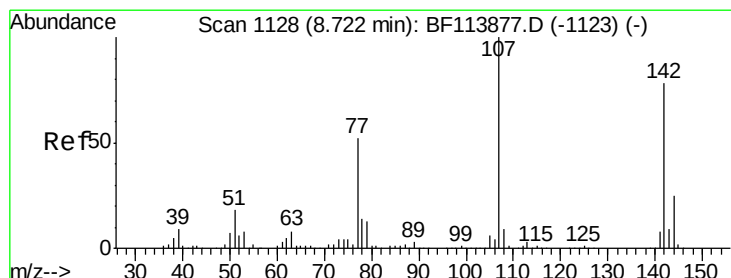
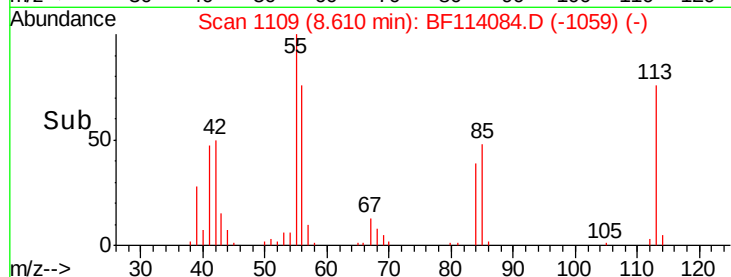
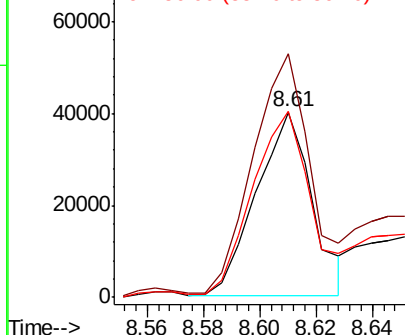
#35
Caprolactam
Concen: 36.981 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion:113 Resp: 54551
Ion Ratio Lower Upper
113 100
55 131.7 128.6 168.6
56 100.7 91.9 131.9

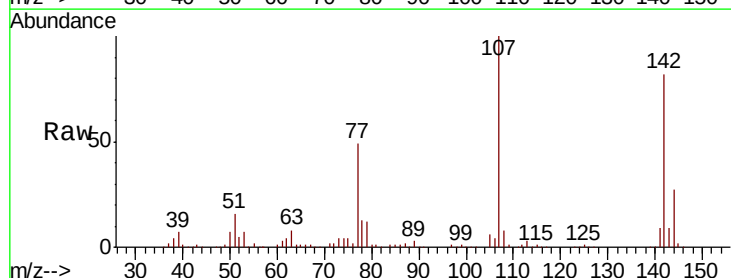


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

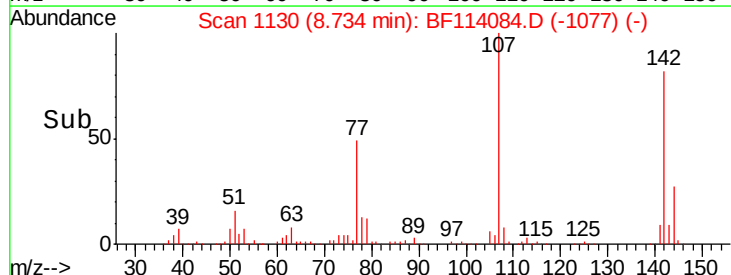
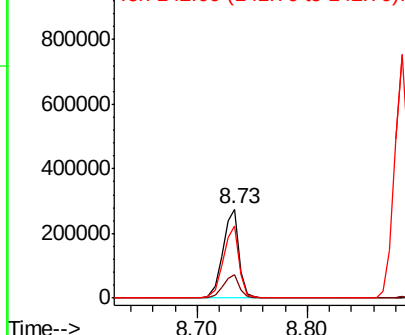


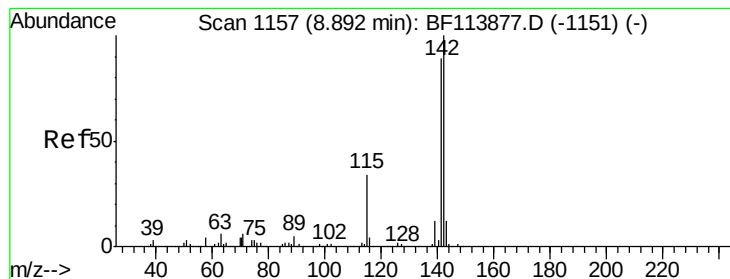
#36
4-Chloro-3-methylphenol
Concen: 60.916 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:107 Resp: 279851
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 81.5 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: 65.952 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

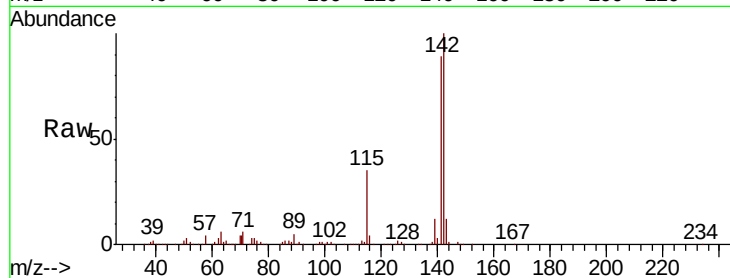
Tot Ion:142 Resp: 644090

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

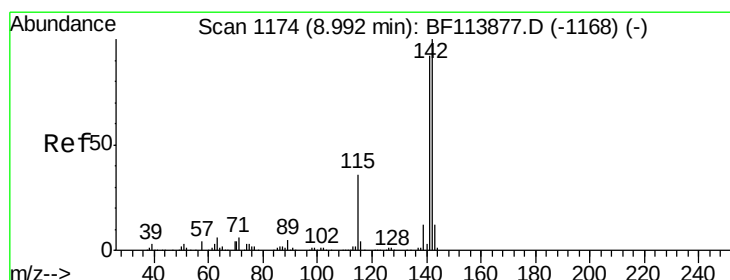
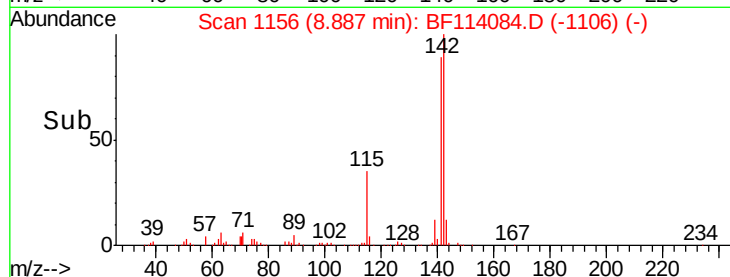
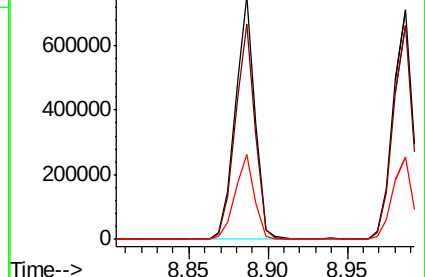
115 34.7 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 63.899 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

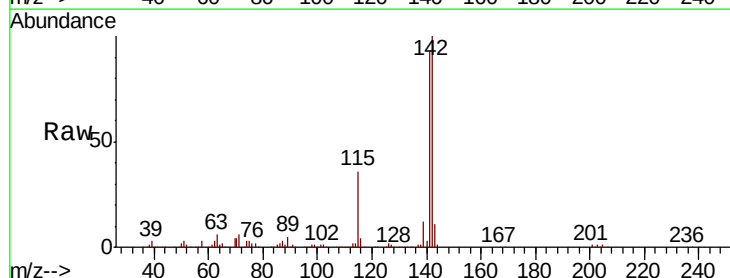
Tgt Ion:142 Resp: 602299

Ion Ratio Lower Upper

142 100

141 93.0 72.3 108.5

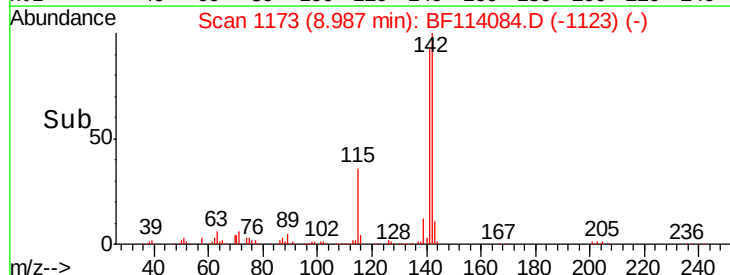
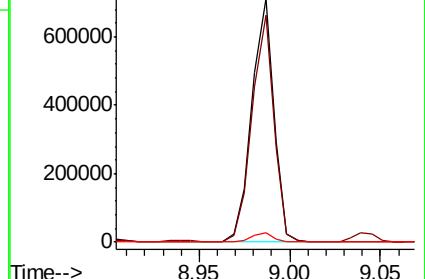
116 3.7 3.0 4.4

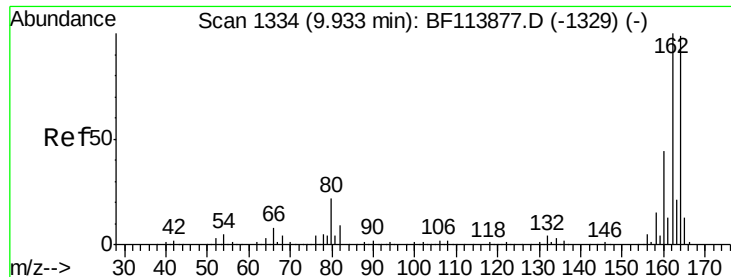


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

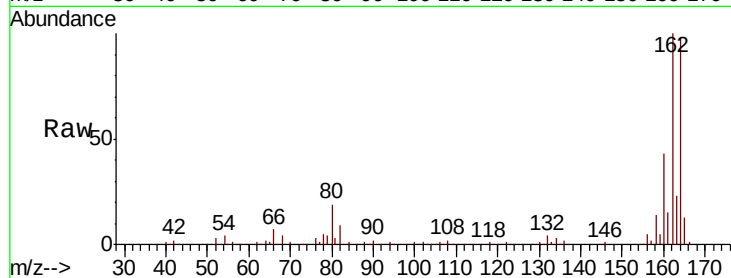
Tot Ion:164 Resp: 168627

Ion Ratio Lower Upper

164 100

162 102.0 81.1 121.7

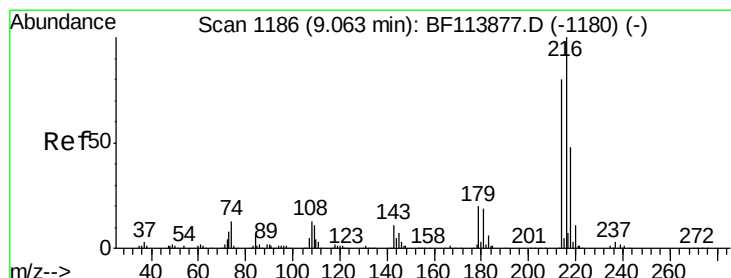
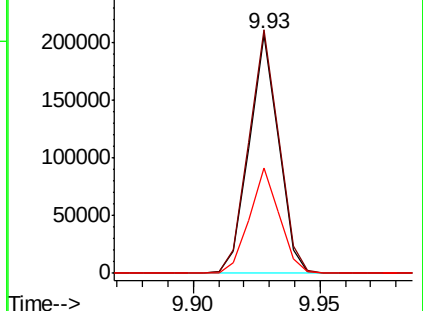
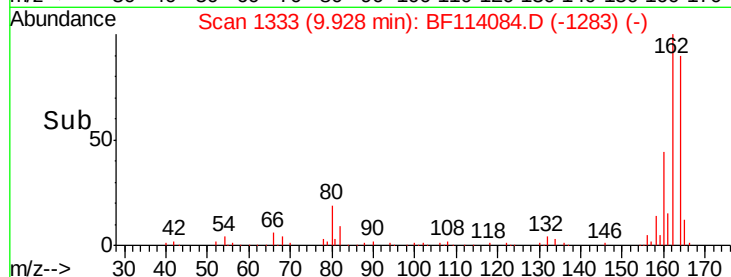
160 44.2 35.8 53.6



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: 62.058 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:216 Resp: 339924

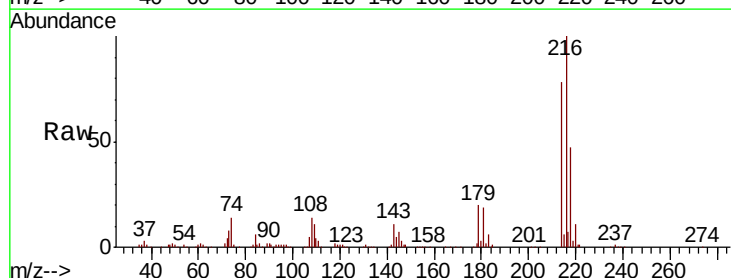
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 20.6 16.1 24.1

108 16.8 13.4 20.0

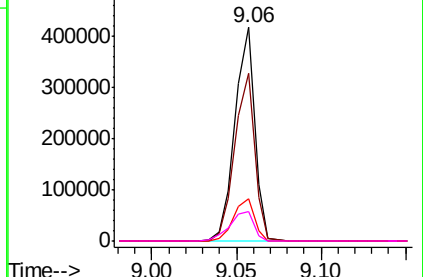
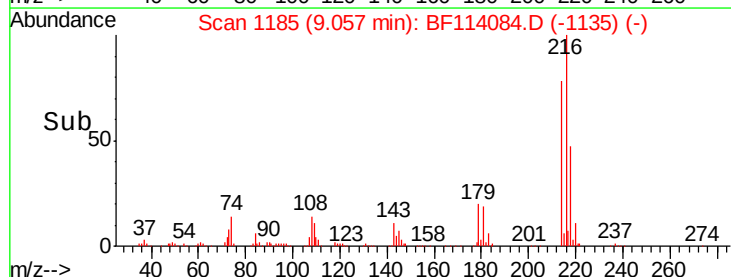


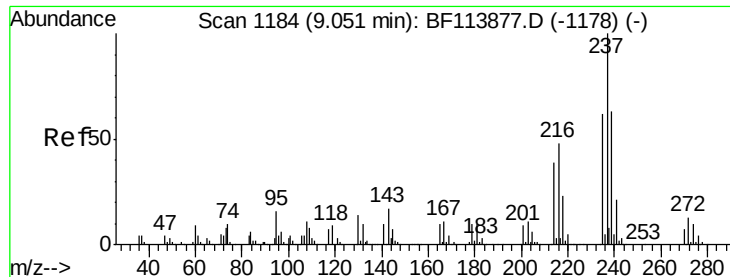
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.000 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

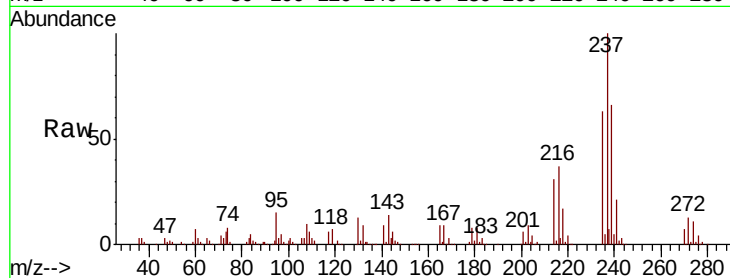
Tot Ion:237 Resp: 235196

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

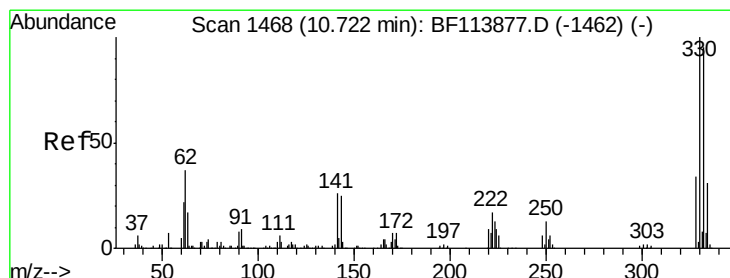
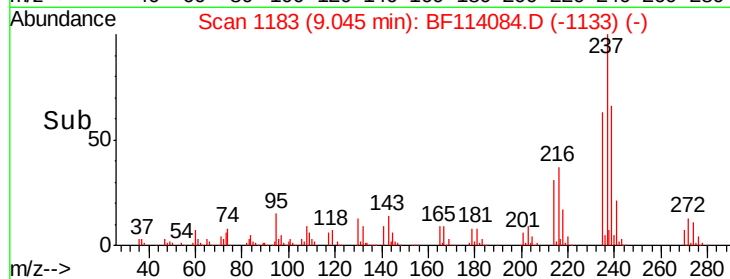
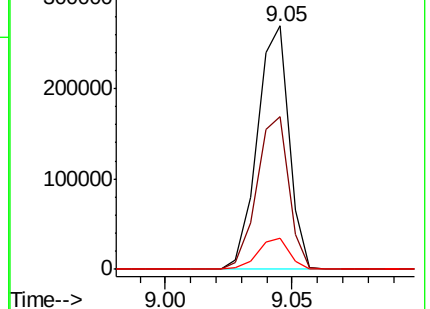
272 12.6 0.0 33.8



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: 183.923 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

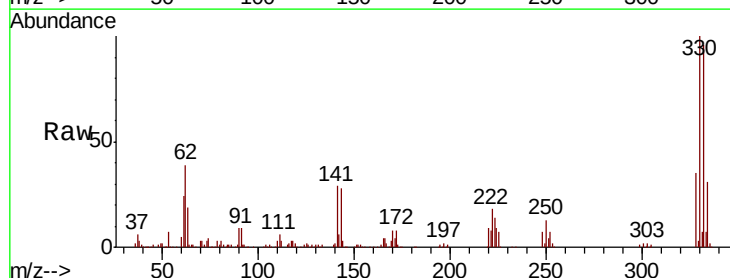
Tgt Ion:330 Resp: 377819

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

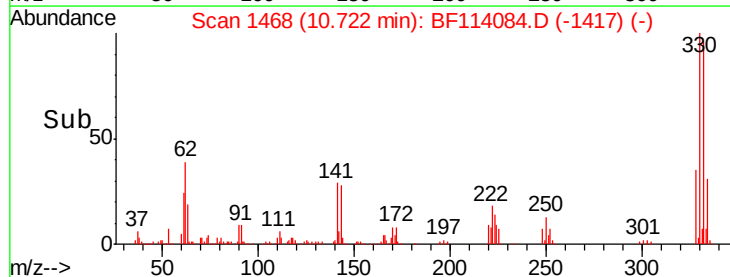
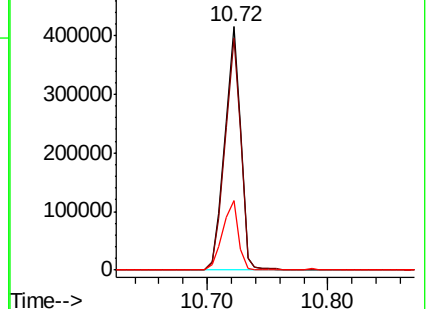
141 28.2 22.2 33.2

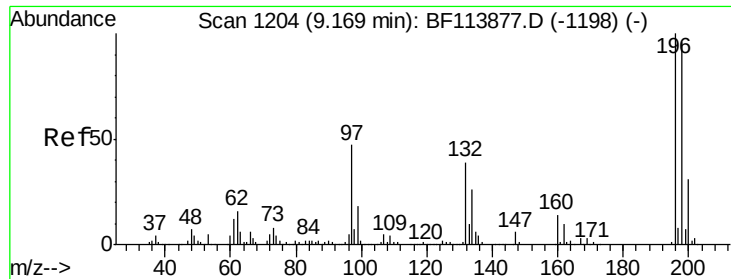


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

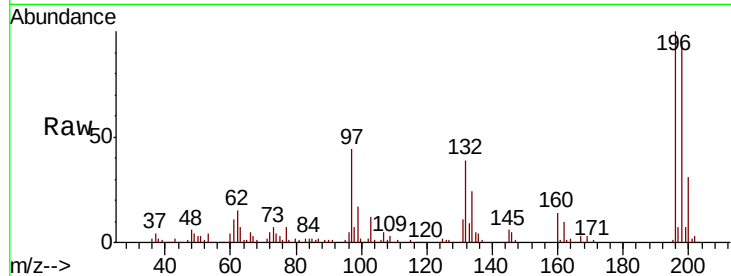




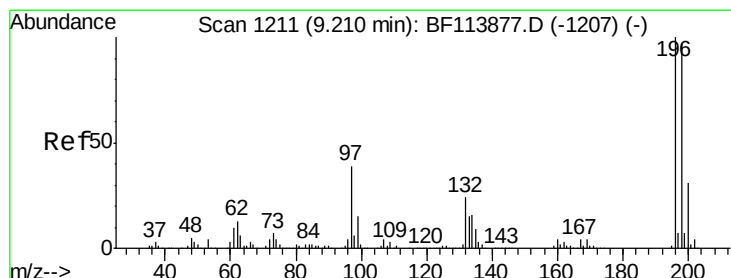
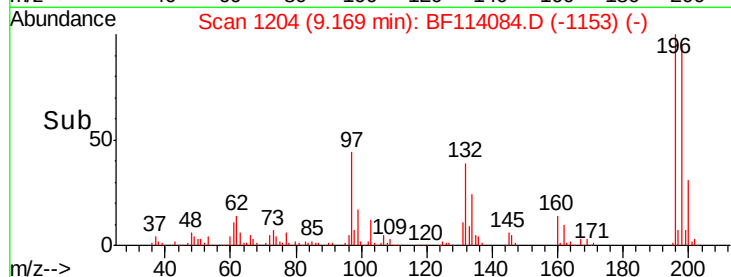
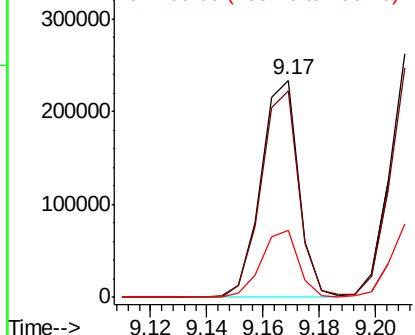
#43
 2,4,6-Trichlorophenol
 Concen: 62.294 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion:196 Resp: 216672
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.6 113.4
 200 30.9 24.7 37.1



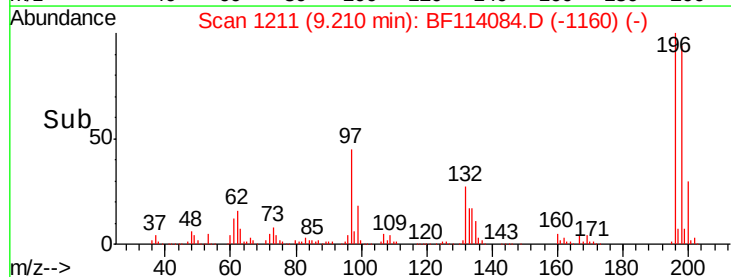
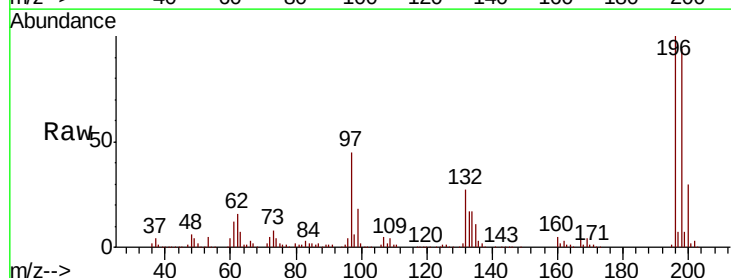
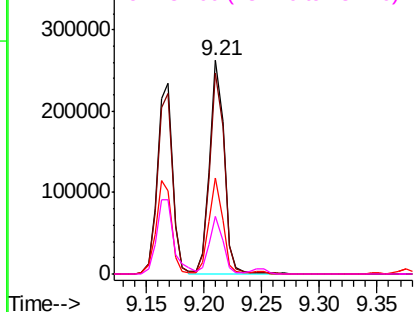
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

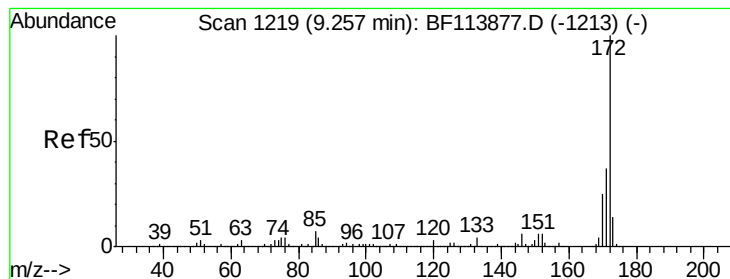


#44
 2,4,5-Trichlorophenol
 Concen: 59.506 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion:196 Resp: 232153
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.2 114.4
 97 45.0 35.8 53.8
 132 26.8 20.9 31.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 117.383 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

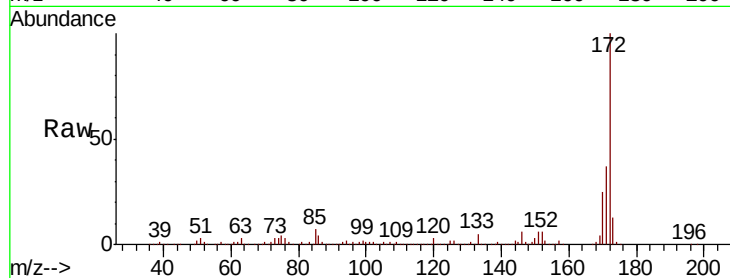
BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:172 Resp: 1265576

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.7	19.9	29.9

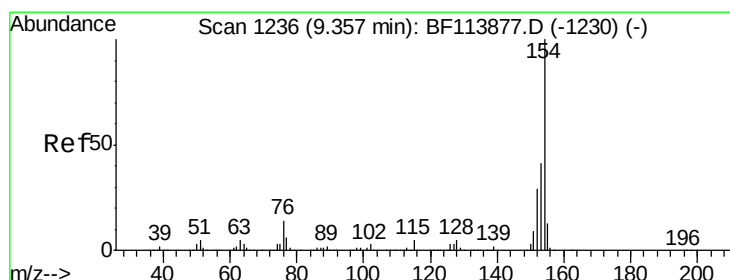
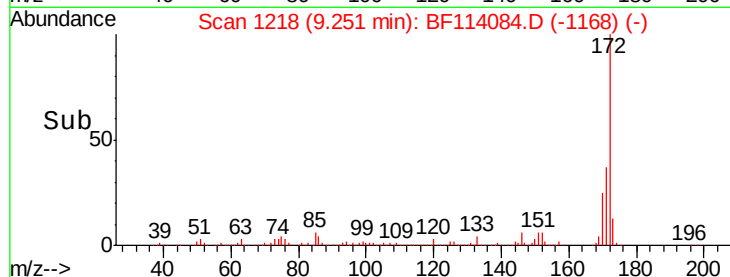
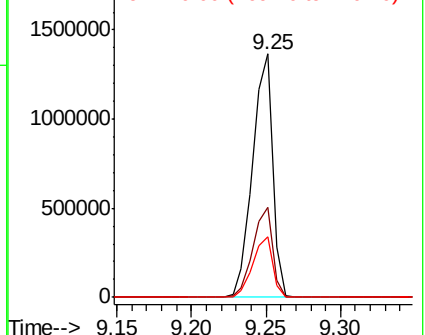


Abundance

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: 59.761 ng

RT: 9.35 min Scan# 1235

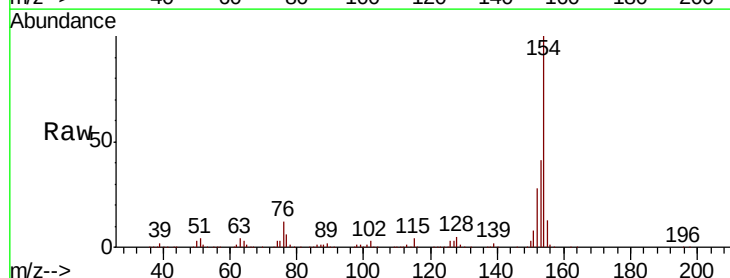
Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:154 Resp: 769831

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	12.2	0.0	35.2

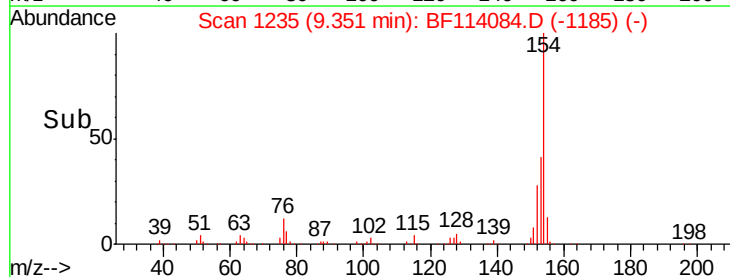
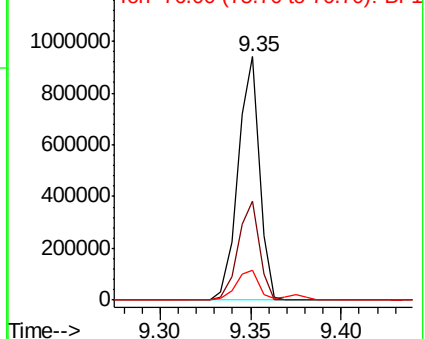


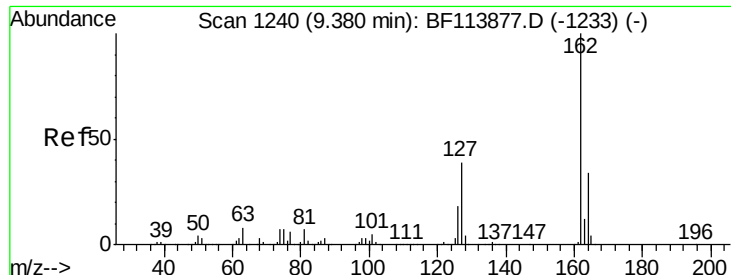
Abundance

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

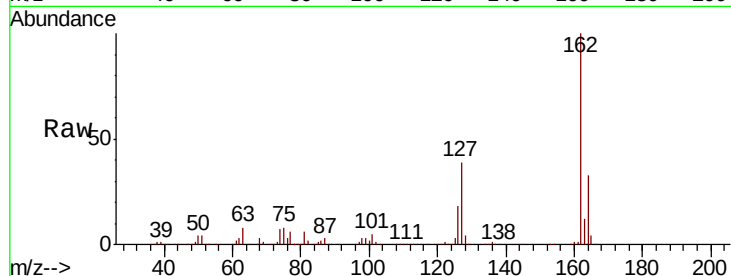




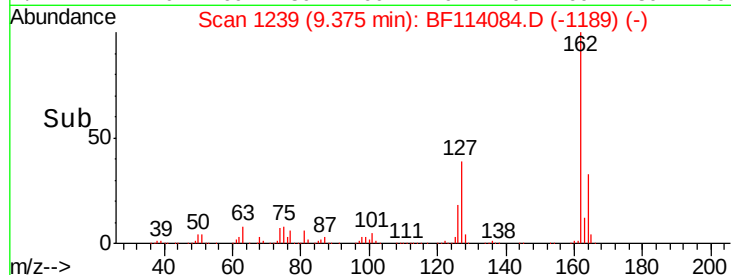
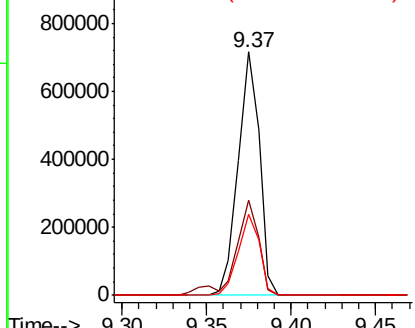
#47
 2-Chloronaphthalene
 Concen: 59.880 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion:162 Resp: 627283
 Ion Ratio Lower Upper
 162 100
 127 39.0 29.3 43.9
 164 33.4 27.1 40.7

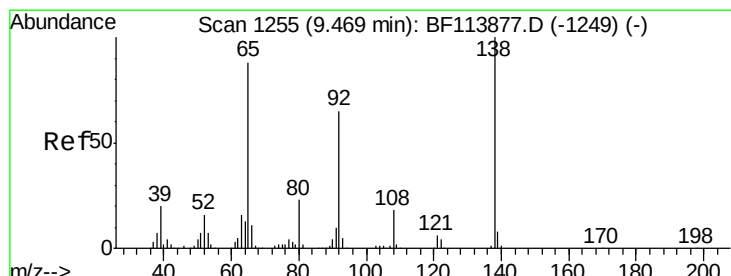


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

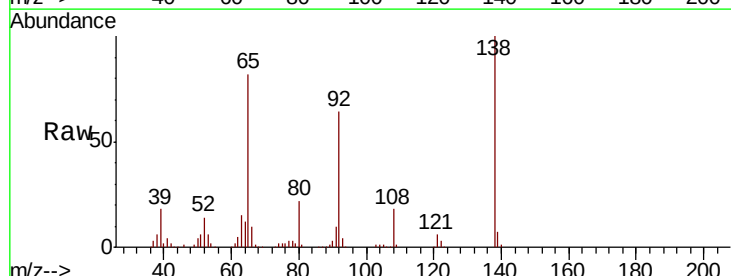
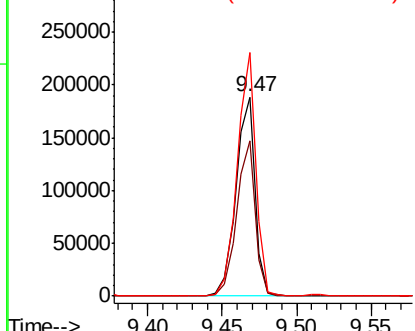


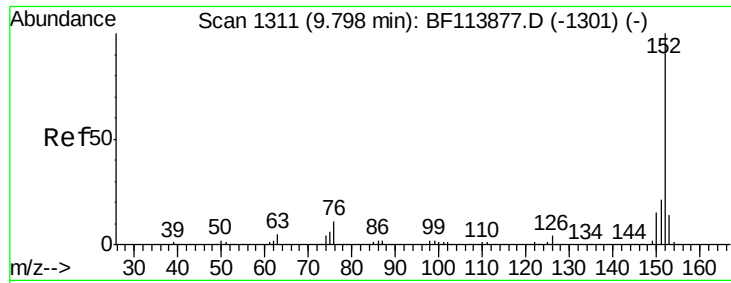
#48
 2-Nitroaniline
 Concen: 61.919 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion: 65 Resp: 170041
 Ion Ratio Lower Upper
 65 100
 92 77.8 57.4 86.0
 138 122.3 85.4 128.0



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





#49

Acenaphthylene

Concen: 55.817 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

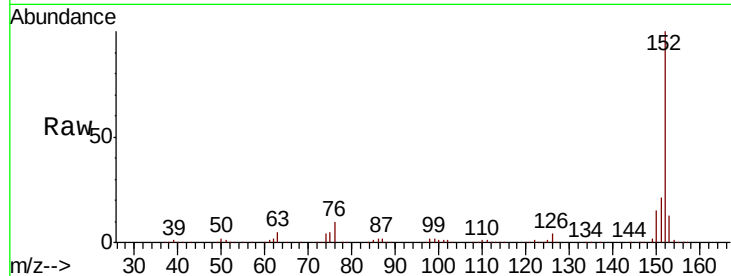
Tot Ion:152 Resp: 915394

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

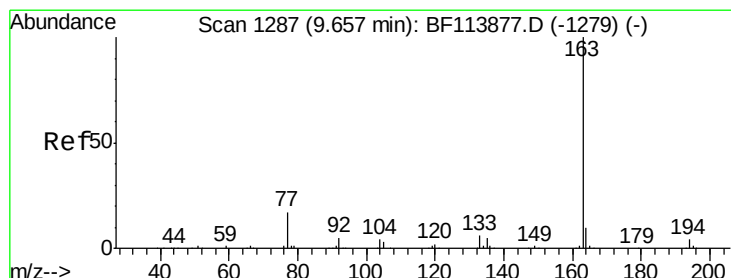
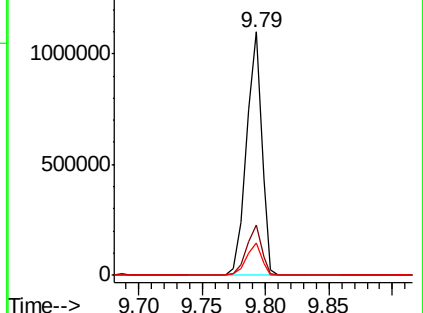
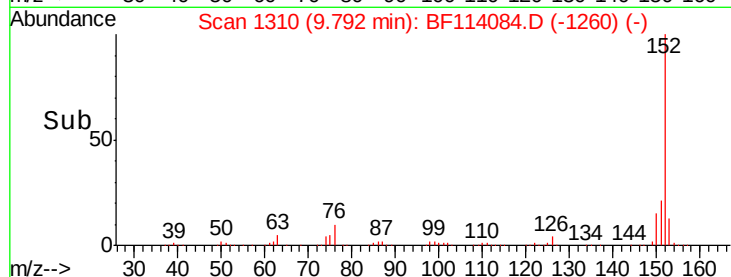
153 13.3 11.0 16.6



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: 70.999 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

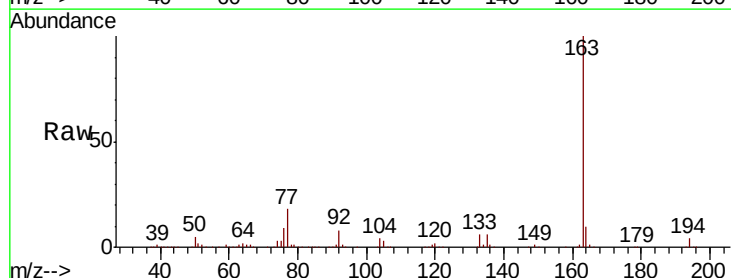
Tgt Ion:163 Resp: 865864

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

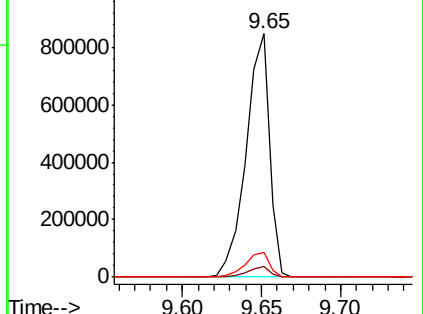
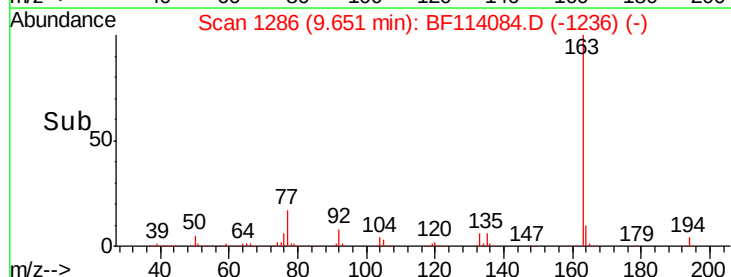
164 10.1 8.5 12.7

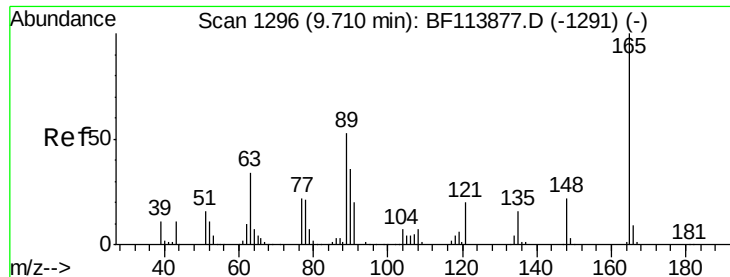


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

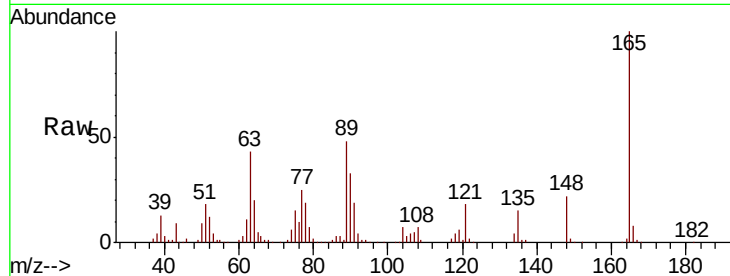




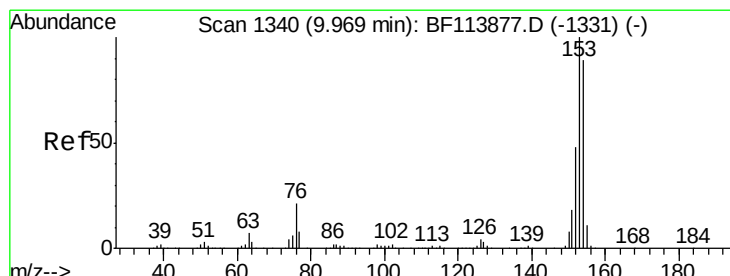
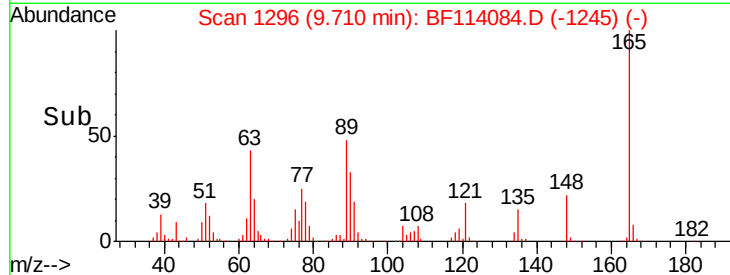
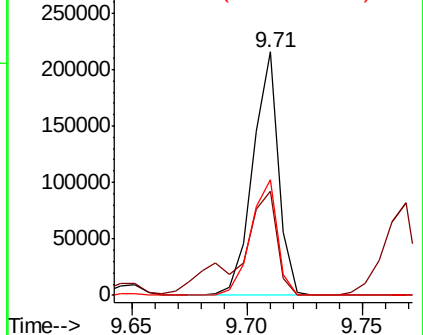
#51
 2,6-Dinitrotoluene
 Concen: 64.002 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion:165	Resp:	167452
Ion Ratio	Lower	Upper
165	100	
63	42.8	33.8 50.8
89	47.5	38.2 57.2

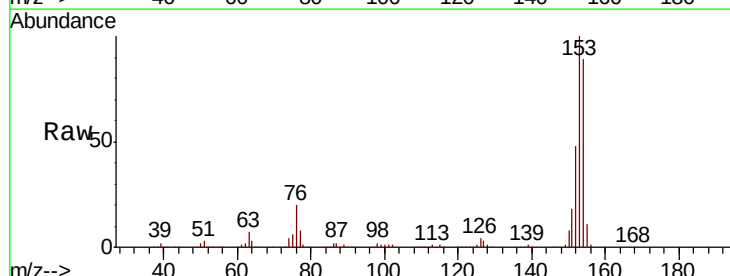


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

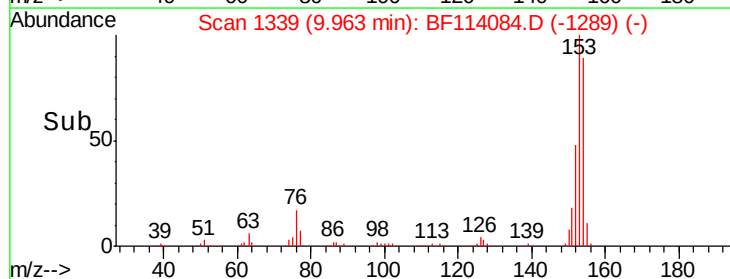
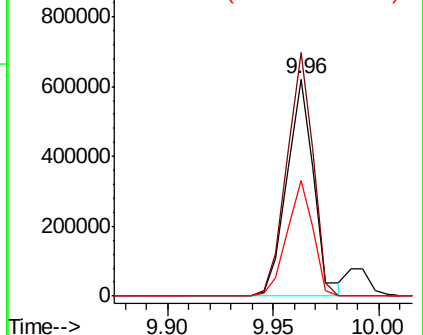


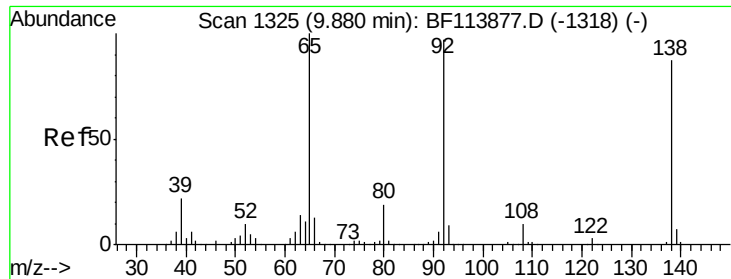
#52
 Acenaphthene
 Concen: 56.714 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion:154	Resp:	549682
Ion Ratio	Lower	Upper
154	100	
153	112.3	87.2 130.8
152	53.5	42.3 63.5



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

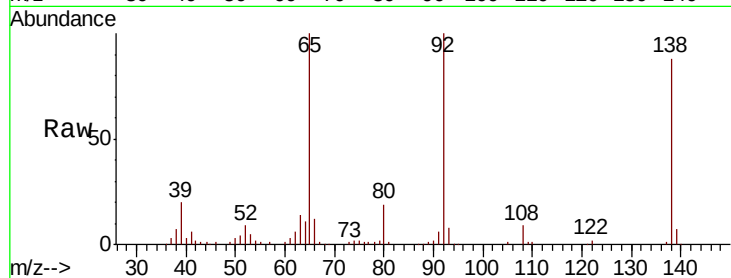




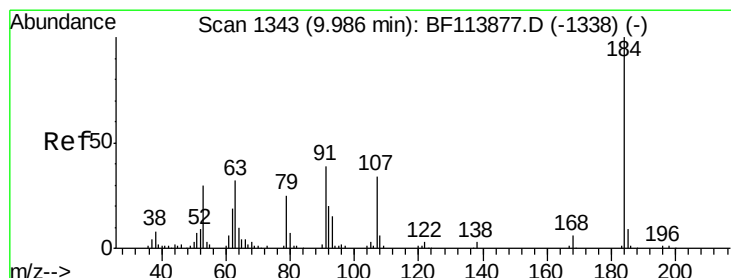
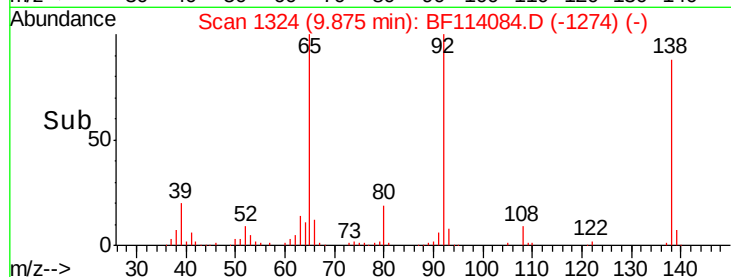
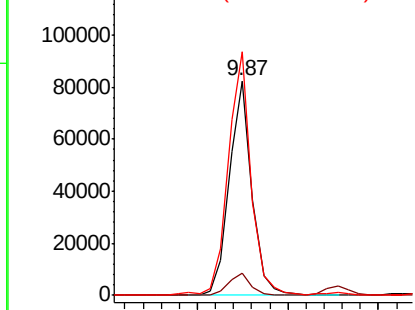
#53
3-Nitroaniline
Concen: 25.825 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion:138 Resp: 71001
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.2
92 113.6 94.1 141.1

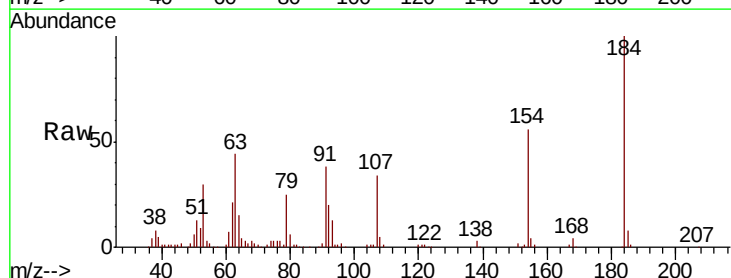


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

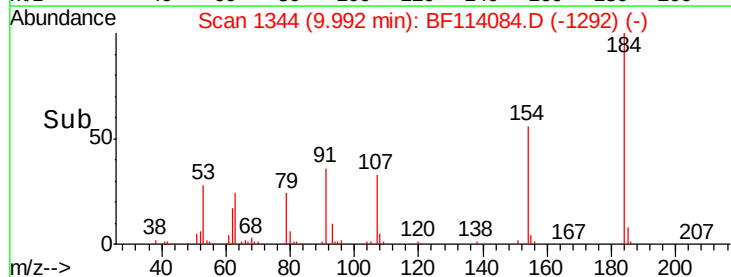
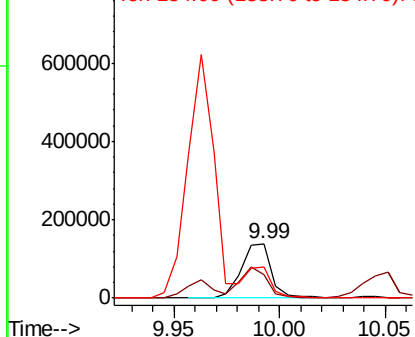


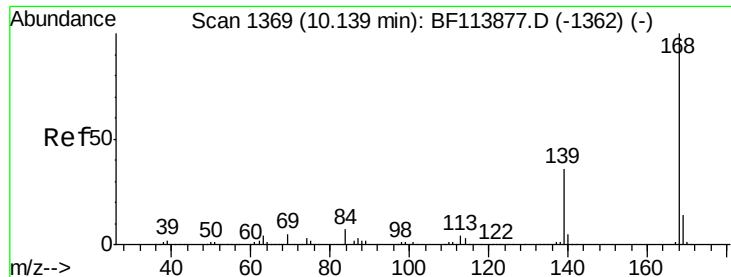
#54
2,4-Dinitrophenol
Concen: 117.345 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:184 Resp: 137738
Ion Ratio Lower Upper
184 100
63 44.2 54.6 81.8#
154 56.3 218.6 328.0#



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

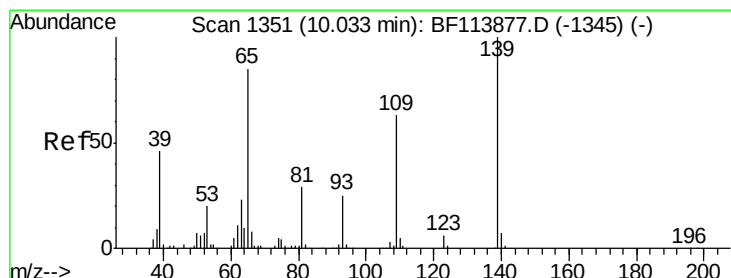
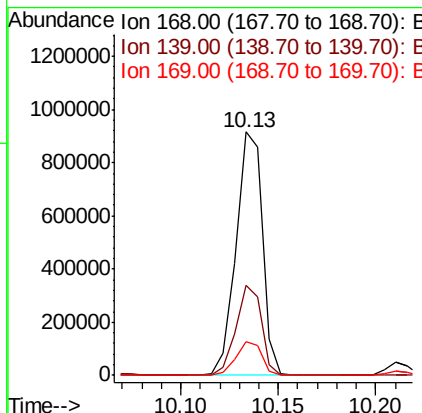
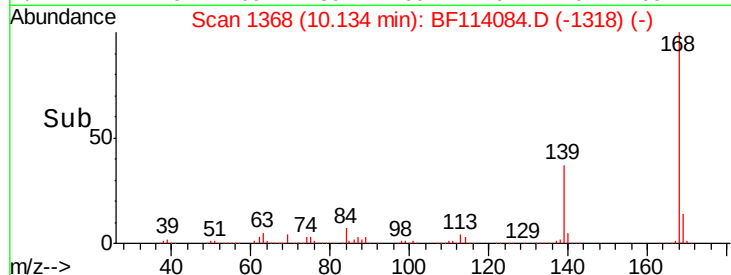
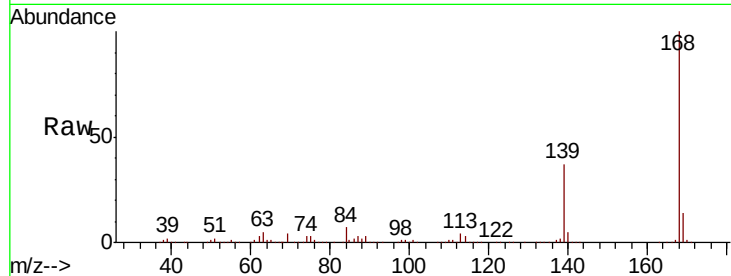




#55
Dibenzenofuran
Concen: 58.996 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

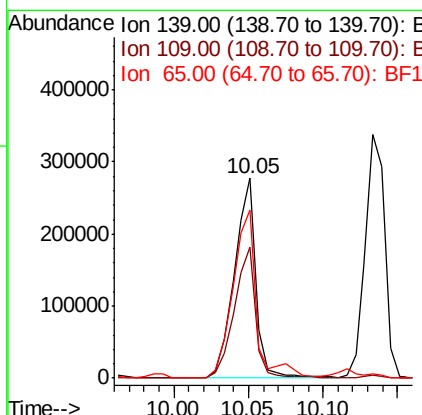
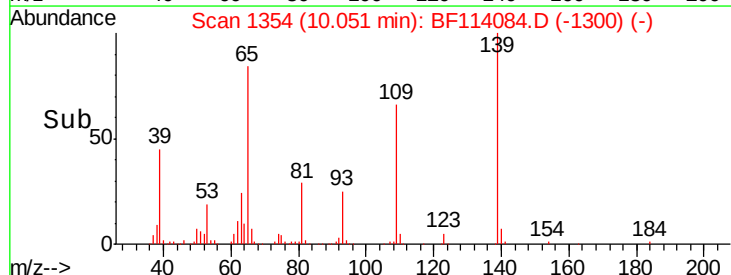
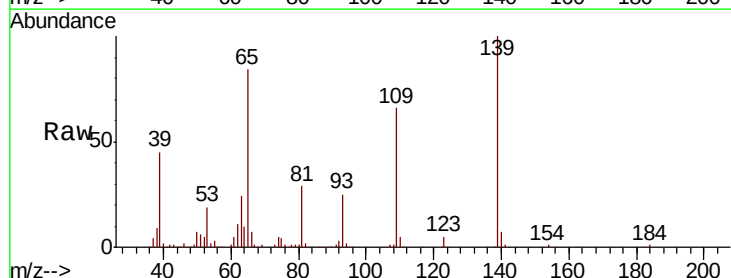
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

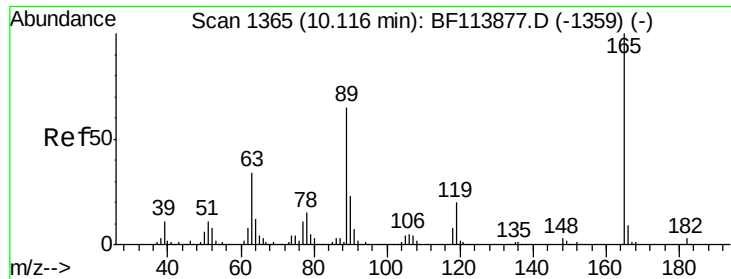
Tot Ion:168 Resp: 856508
Ion Ratio Lower Upper
168 100
139 36.9 27.8 41.6
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 129.106 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:139 Resp: 281044
Ion Ratio Lower Upper
139 100
109 65.8 42.9 82.9
65 84.5 64.4 104.4

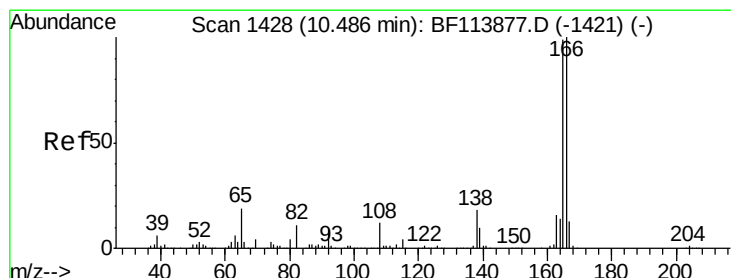
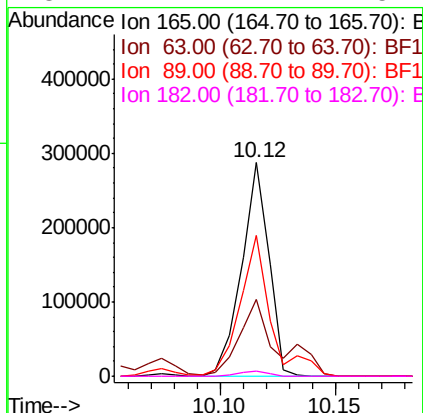
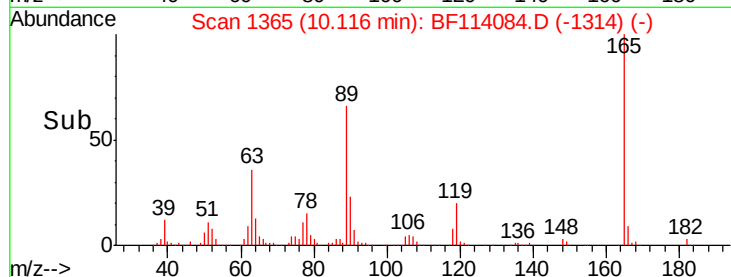
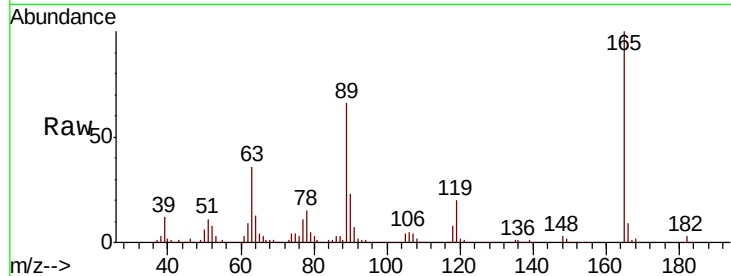




#57
2,4-Dinitrotoluene
Concen: 71.791 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

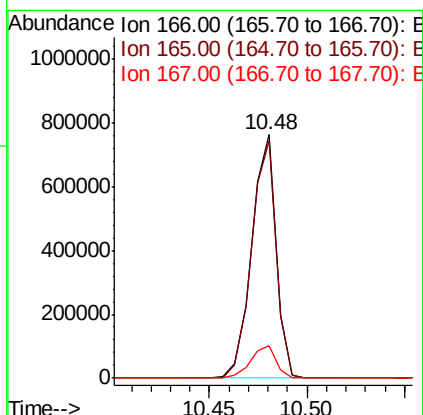
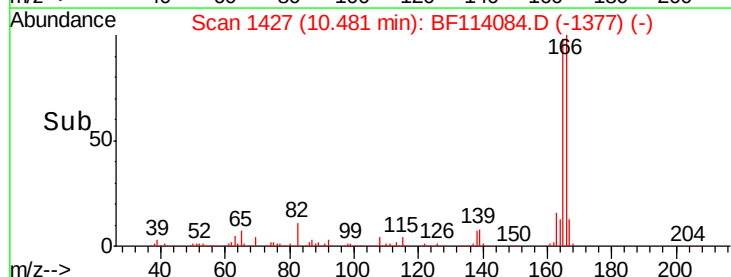
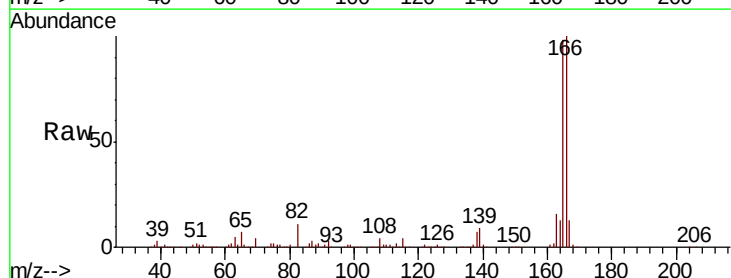
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

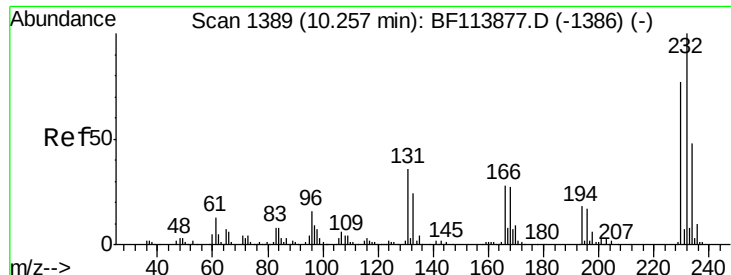
Tot Ion:165	Resp:	237083
Ion Ratio	Lower	Upper
165	100	
63	35.7	27.4 41.0
89	66.0	51.8 77.6
182	2.7	2.2 3.2



#58
Fluorene
Concen: 60.219 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:166	Resp:	658210
Ion Ratio	Lower	Upper
166	100	
165	97.6	78.4 117.6
167	13.1	10.9 16.3

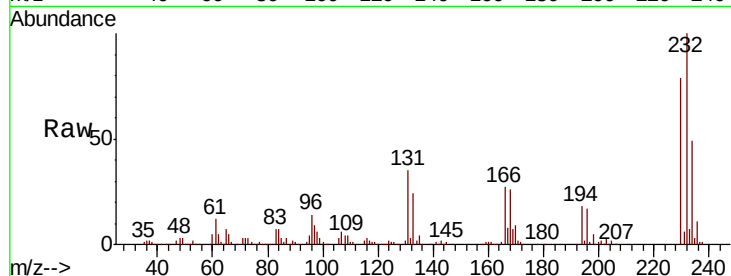




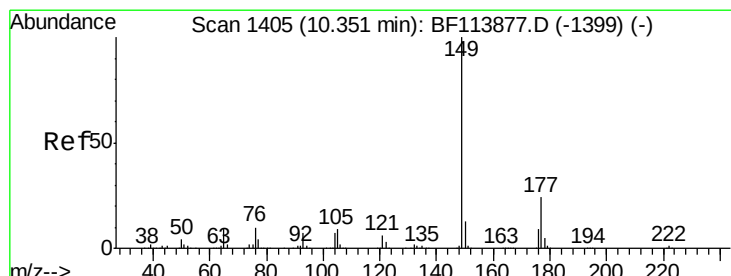
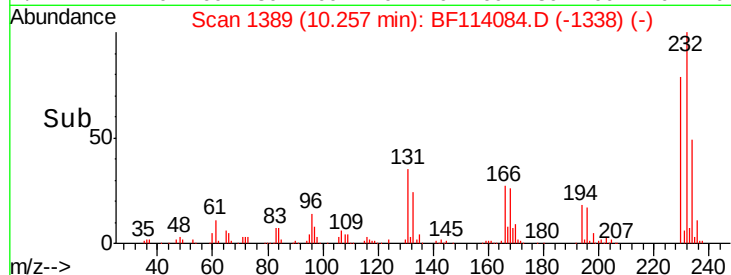
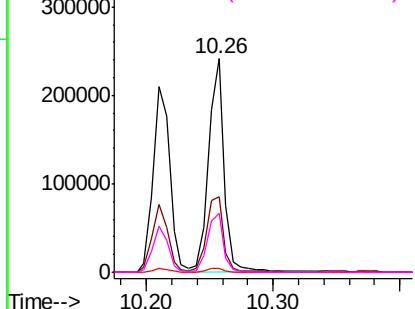
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 60.526 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion:	232	Resp:	207510
Ion	Ratio	Lower	Upper
232	100		
131	38.4	30.2	45.2
130	1.9	1.5	2.3
166	28.0	22.2	33.4

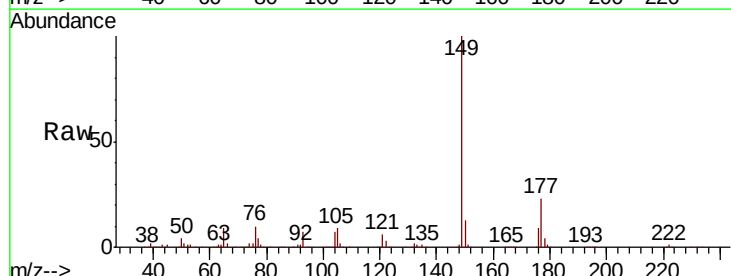


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

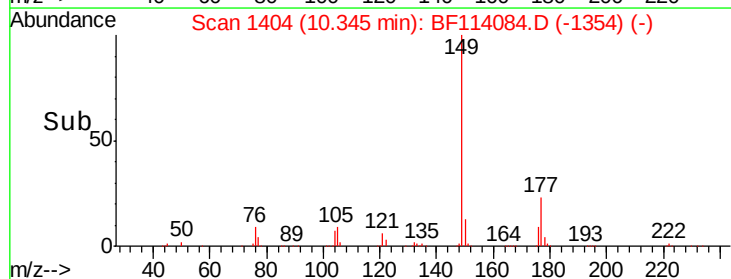
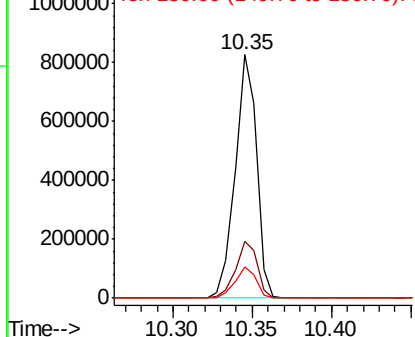


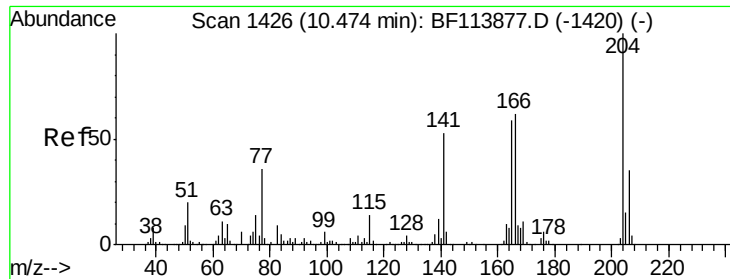
#60
 Diethylphthalate
 Concen: 66.722 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion:	149	Resp:	772707
Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.2	28.8
150	12.7	10.3	15.5



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

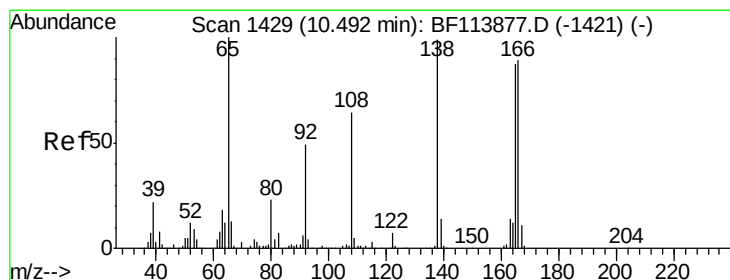
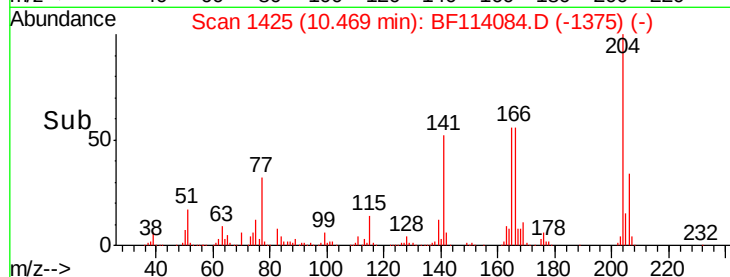
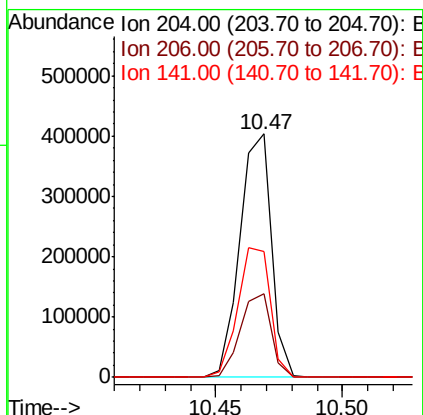
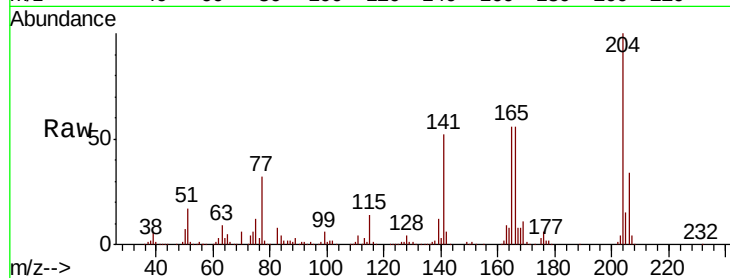




#61
4-Chlorophenyl-phenylether
Concen: 60.162 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

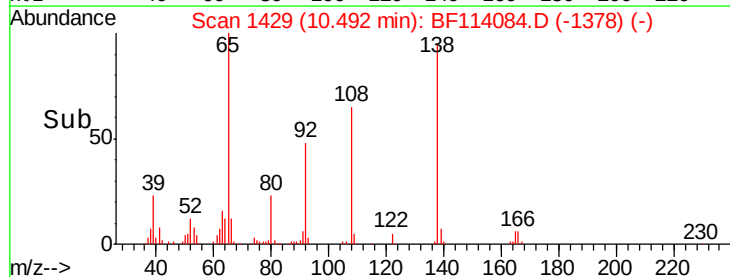
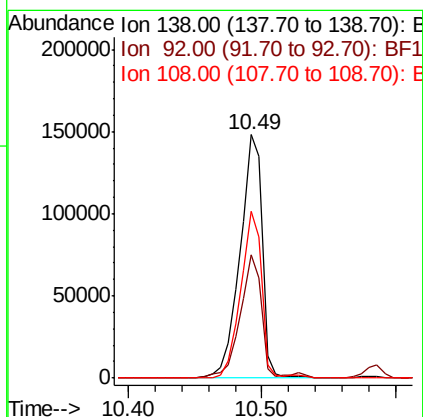
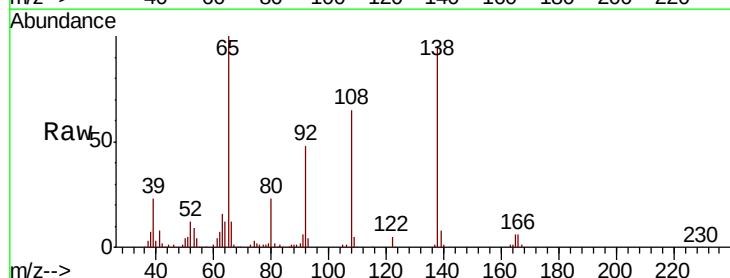
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

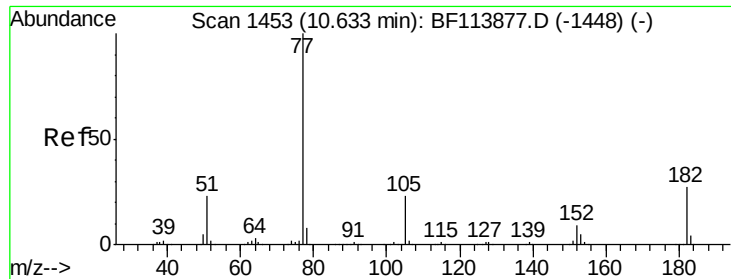
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	51.7	42.6	63.8



#62
4-Nitroaniline
Concen: 63.871 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.3	71.3
108	68.3	48.9	88.9





#63

Azobenzene

Concen: 58.915 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion: 77 Resp: 661271

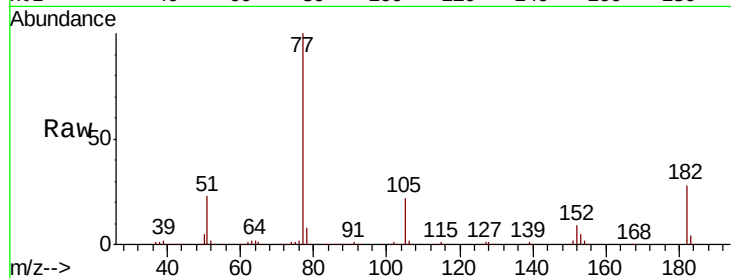
Ion Ratio Lower Upper

77 100

182 28.1 4.4 44.4

105 22.4 2.2 42.2

51 23.2 3.9 43.9

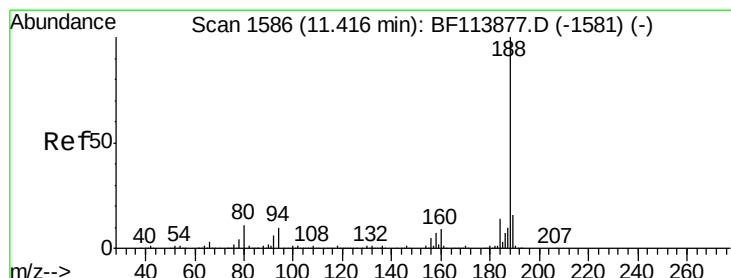
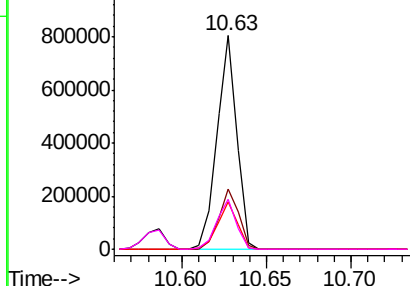
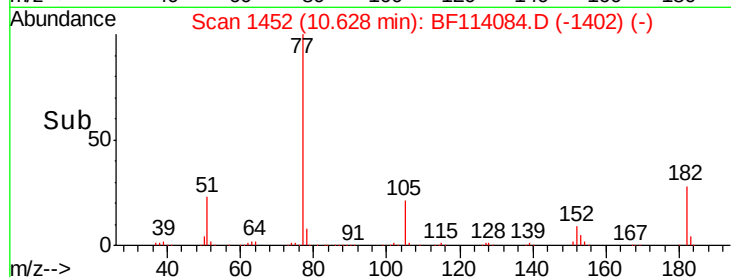


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

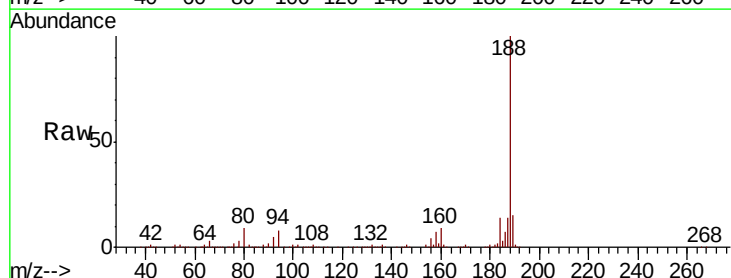
Tgt Ion: 188 Resp: 345659

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.4#

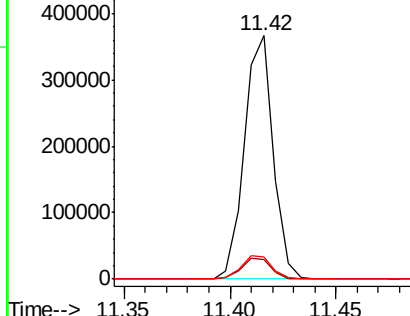
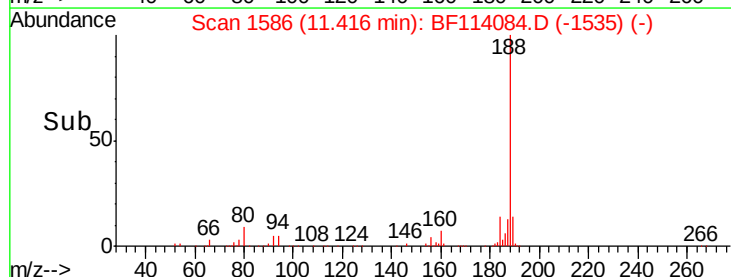
80 9.2 9.0 13.6

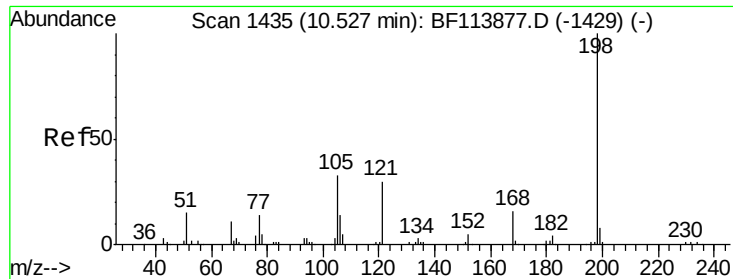


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

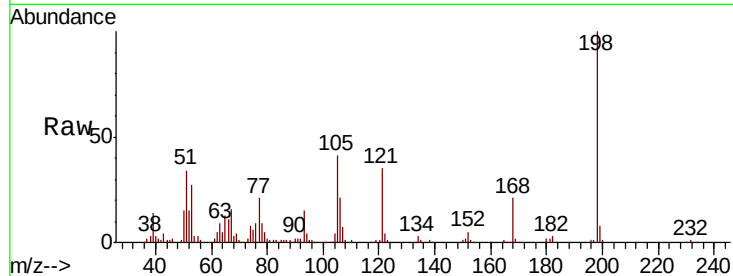




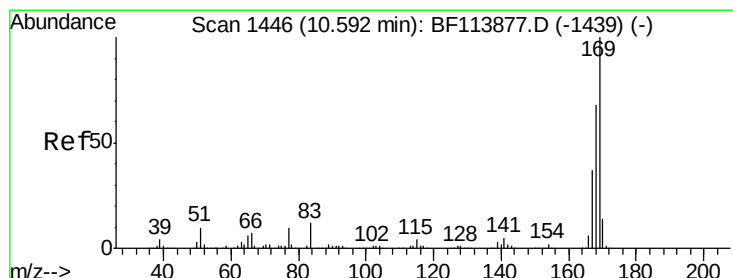
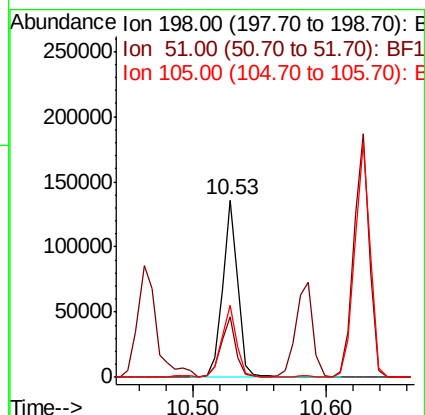
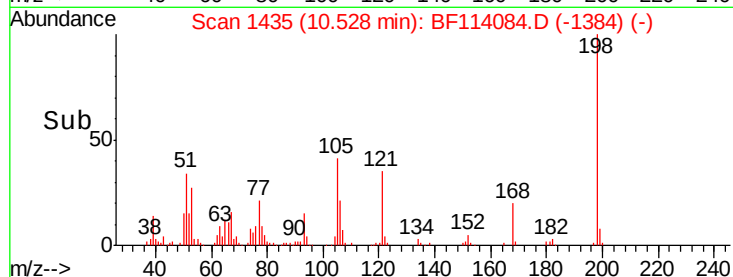
#65
4,6-Dinitro-2-methylphenol
Concen: 65.832 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion:198 Resp: 109373
Ion Ratio Lower Upper
198 100
51 34.0 11.1 51.1
105 40.7 20.7 60.7

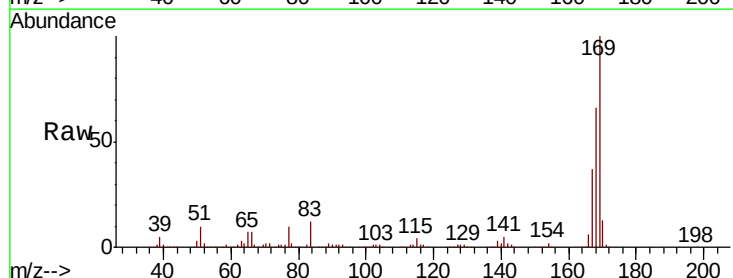


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

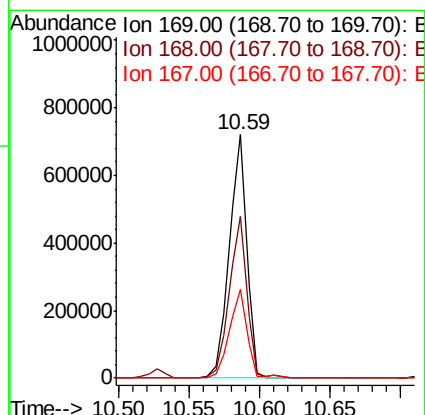
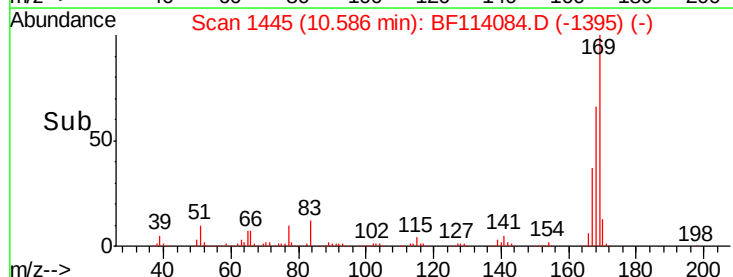


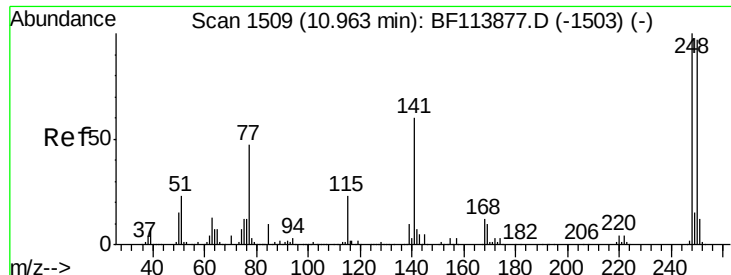
#66
n-Nitrosodiphenylamine
Concen: 59.803 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:169 Resp: 620247
Ion Ratio Lower Upper
169 100
168 66.3 54.3 81.5
167 36.6 29.4 44.0



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

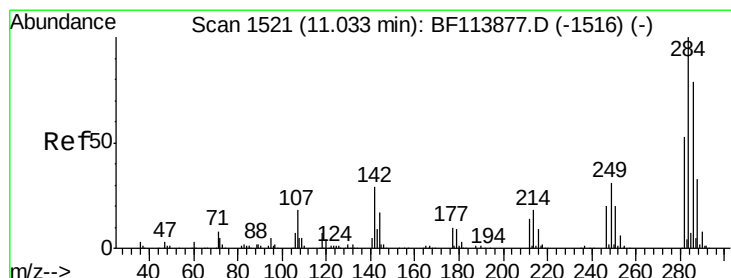
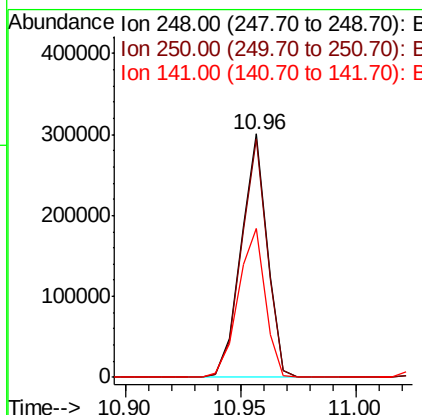
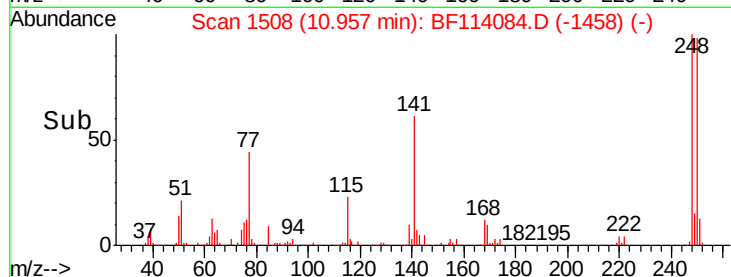
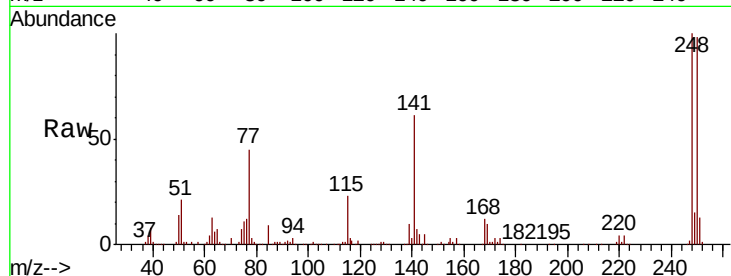




#67
 4-Bromophenyl-phenylether
 Concen: 56.851 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

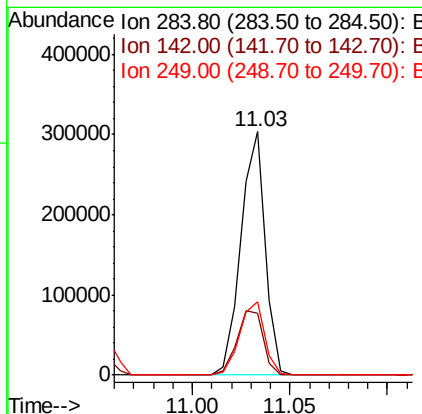
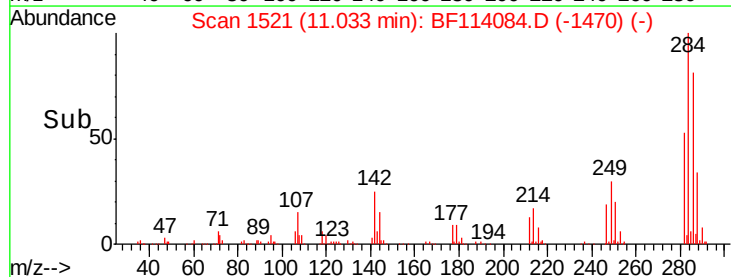
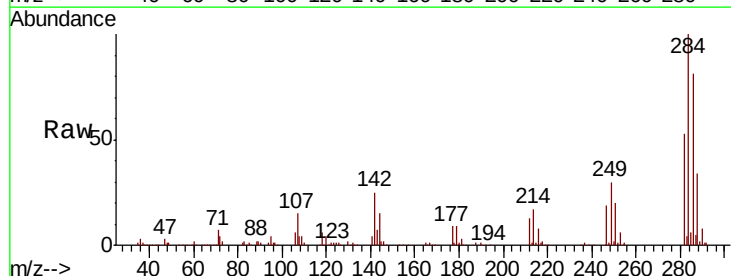
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

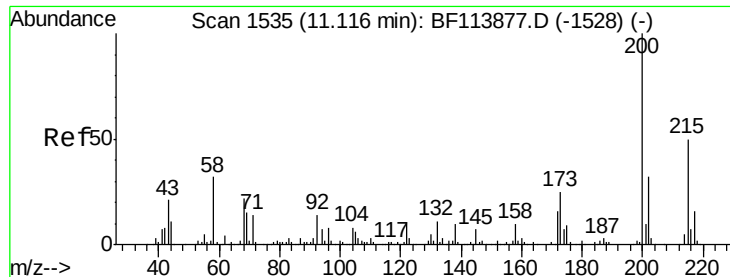
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.8	113.6
141	61.3	50.2	75.4



#68
 Hexachlorobenzene
 Concen: 57.100 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.0	34.4
249	30.3	24.4	36.6

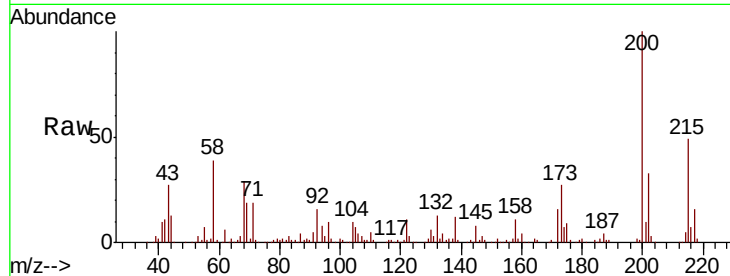




#69
 Atrazine
 Concen: 62.526 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	5.9	45.9
215	49.3	29.3	69.3

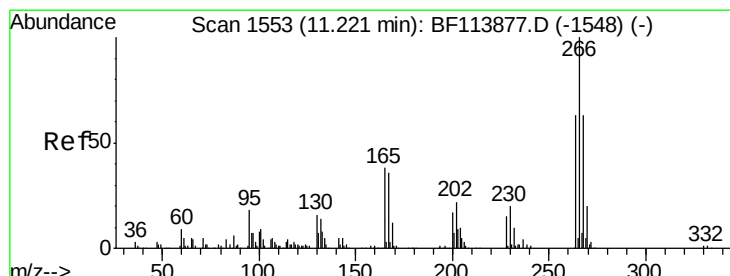
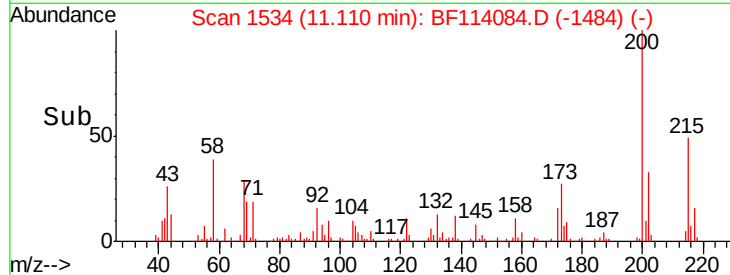
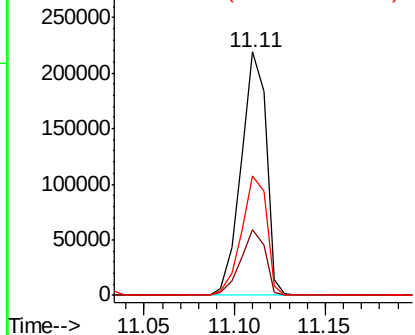


Abundance

Ion 200.00 (199.70 to 200.70): E

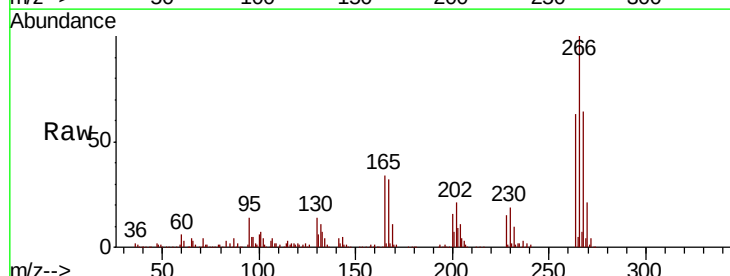
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 108.636 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	53.5	80.3
264	63.1	51.0	76.6

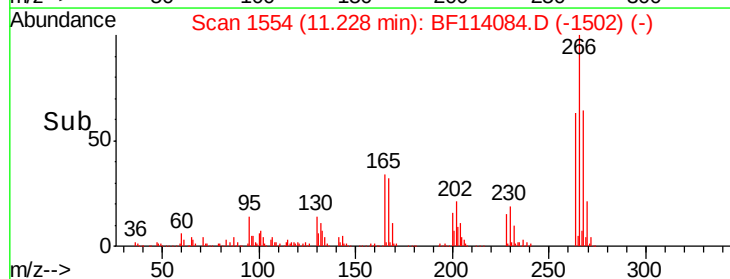
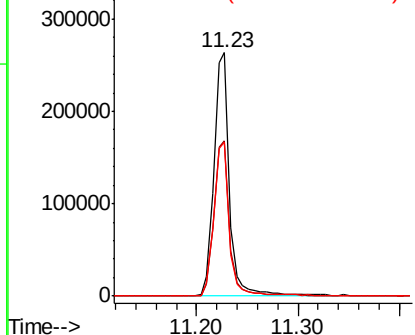


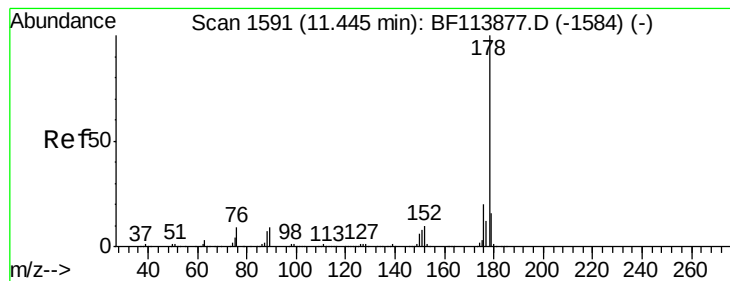
Abundance

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: 64.229 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

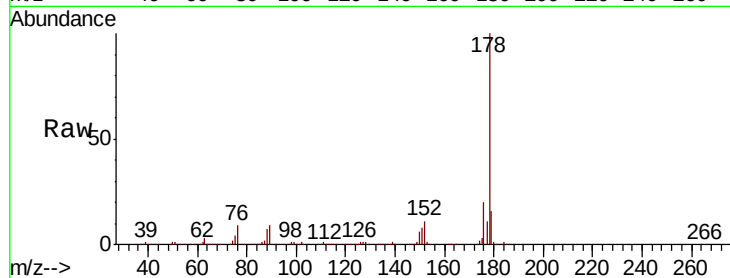
Tot Ion:178 Resp: 1115739

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

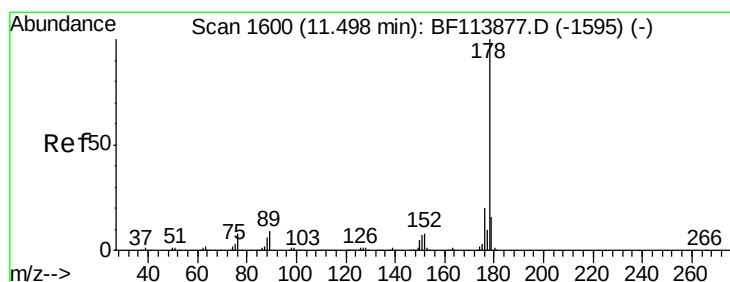
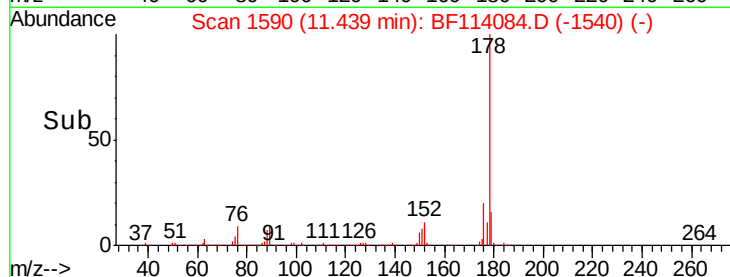
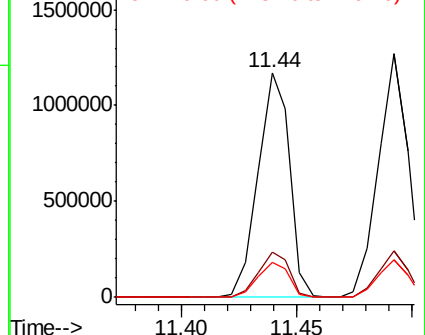
179 15.8 12.8 19.2



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: 64.406 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

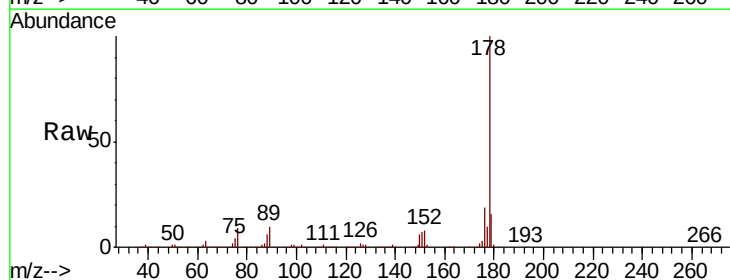
Tgt Ion:178 Resp: 1129825

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

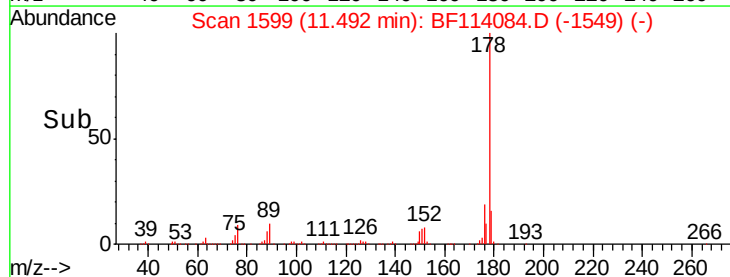
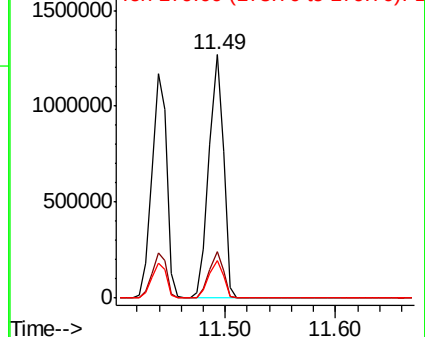
179 15.7 13.0 19.4

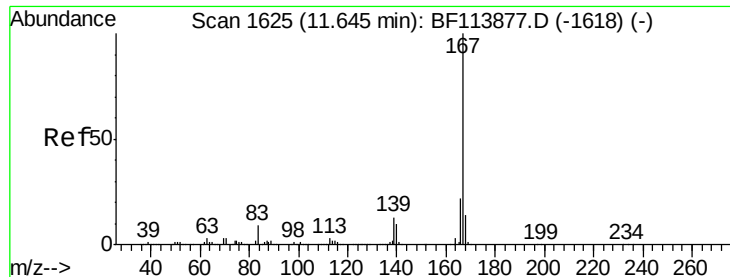


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

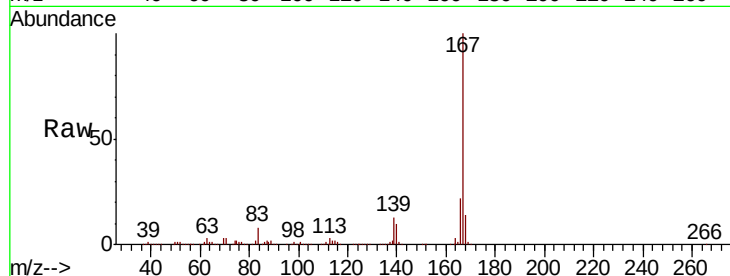




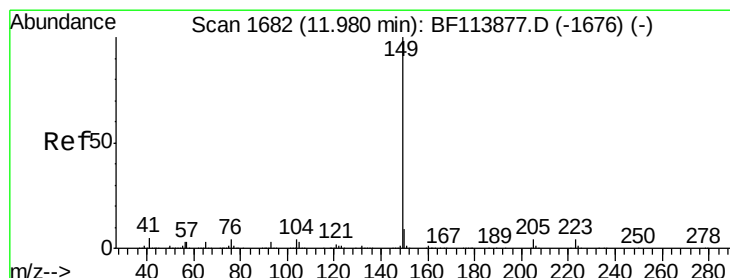
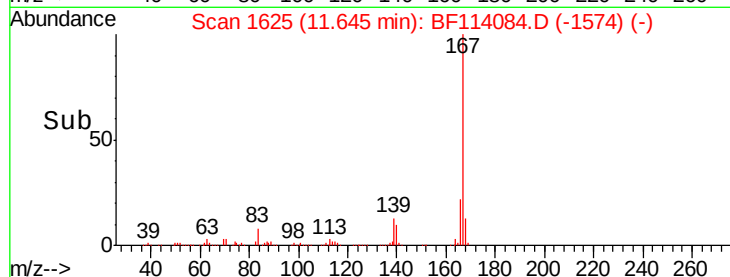
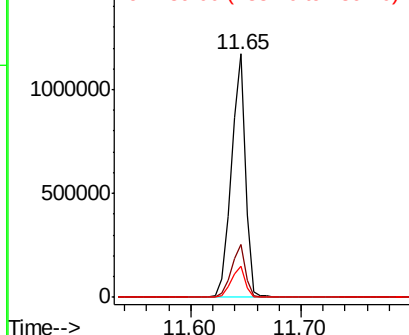
#73
 Carbazole
 Concen: 67.010 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion:167 Resp: 1048726
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.6 10.0 15.0

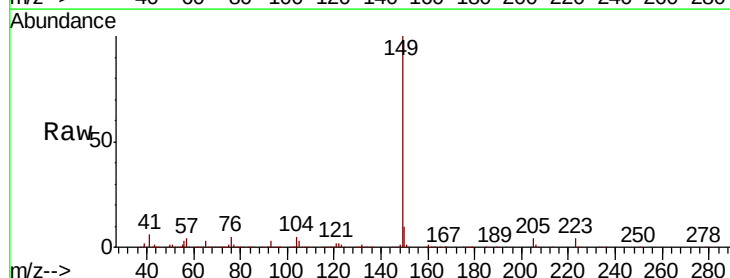


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

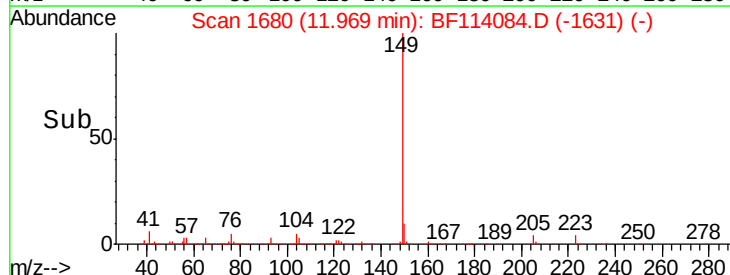
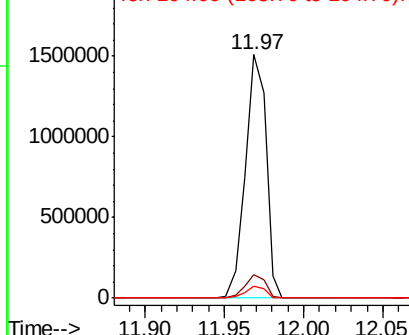


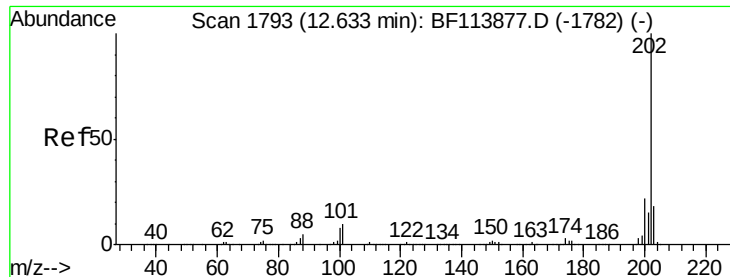
#74
 Di-n-butylphthalate
 Concen: 74.137 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion:149 Resp: 1364843
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.9 3.8 5.8



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





#75

Fluoranthene

Concen: 68.915 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

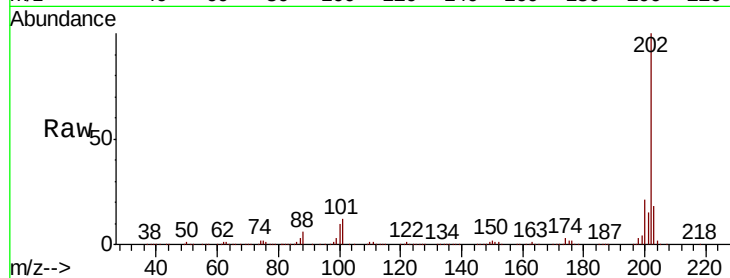
Tot Ion:202 Resp: 1306108

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.9

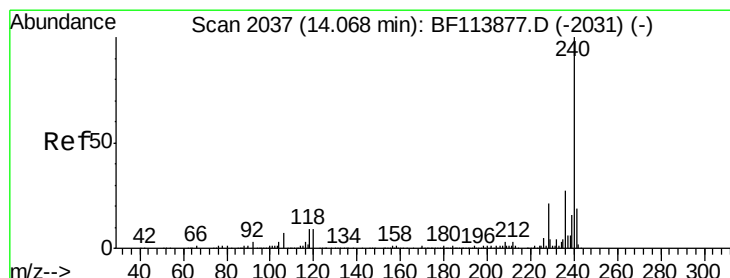
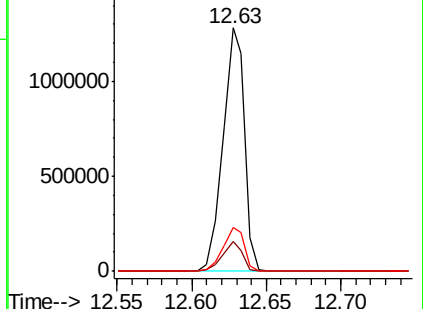
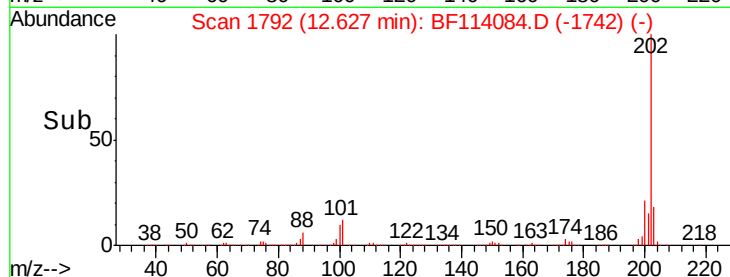
203 18.1 0.0 38.2



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

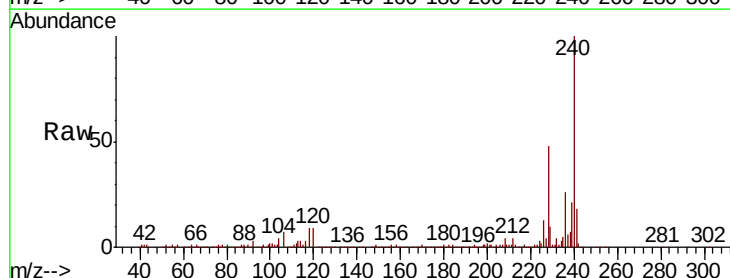
Tgt Ion:240 Resp: 240071

Ion Ratio Lower Upper

240 100

120 9.2 9.3 13.9#

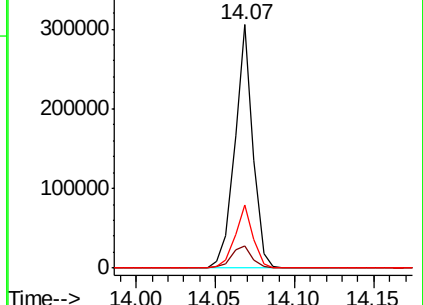
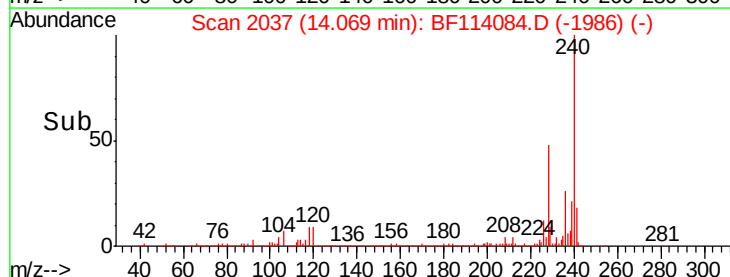
236 26.1 21.2 31.8

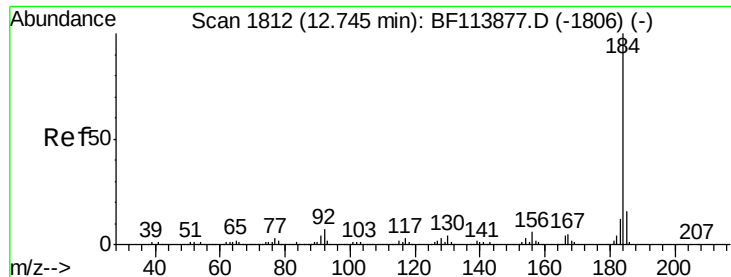


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.836 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

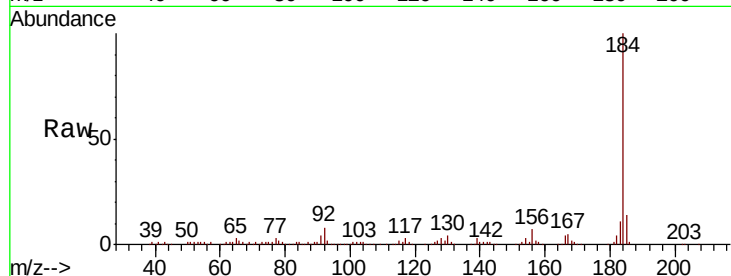
Tot Ion:184 Resp: 199110

Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.6

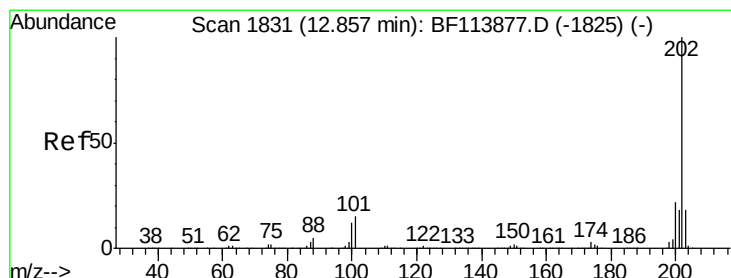
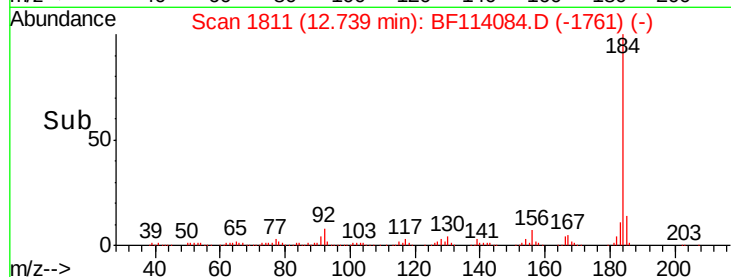
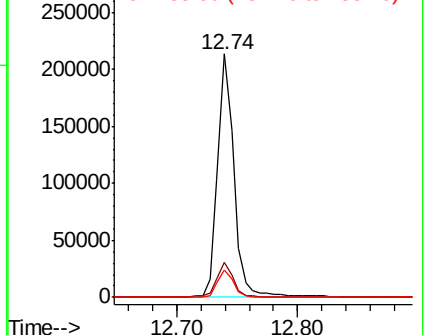
183 11.4 9.4 14.0



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: 77.491 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

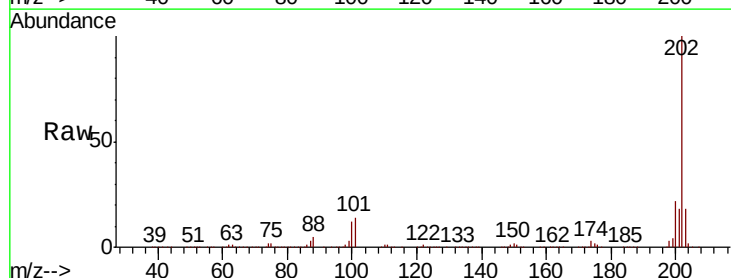
Tgt Ion:202 Resp: 1300953

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

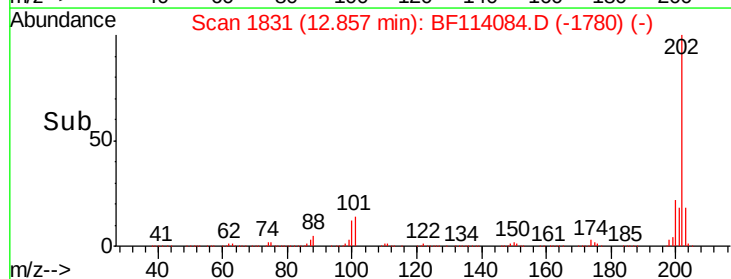
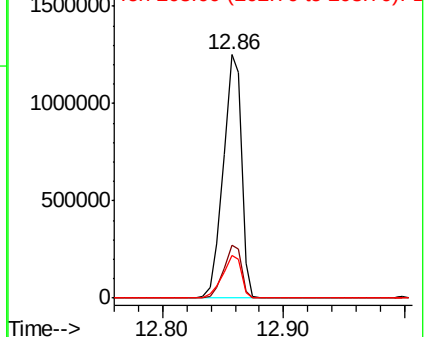
203 17.8 15.0 22.6

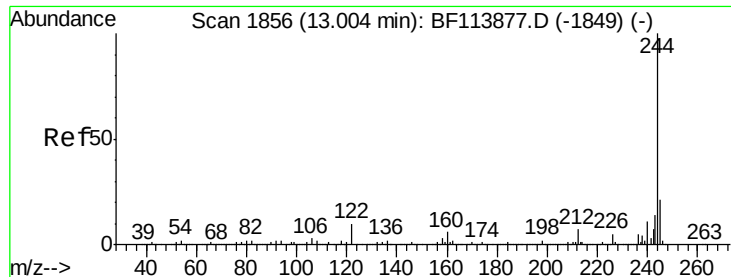


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 152.918 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

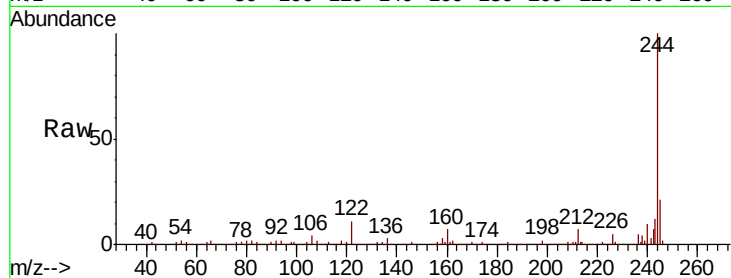
Tot Ion:244 Resp: 1790671

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

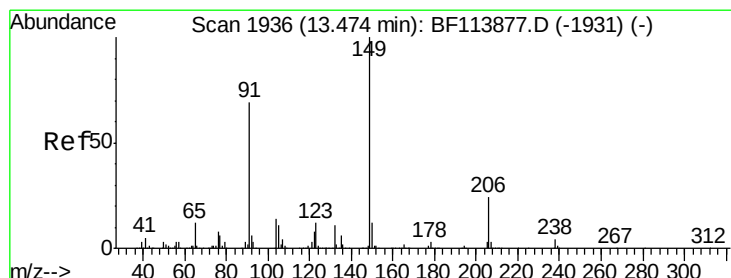
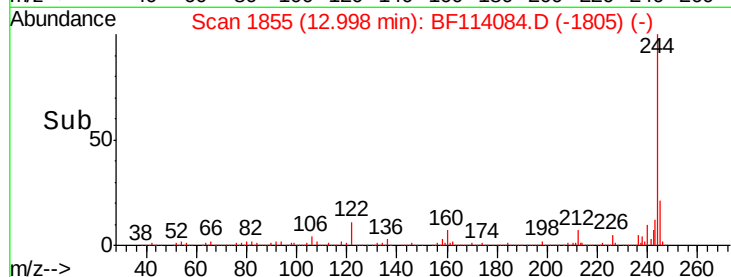
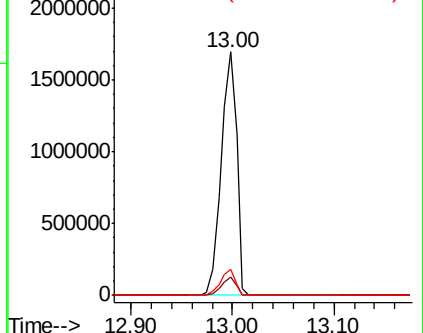
122 10.8 7.6 11.4



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: 88.114 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

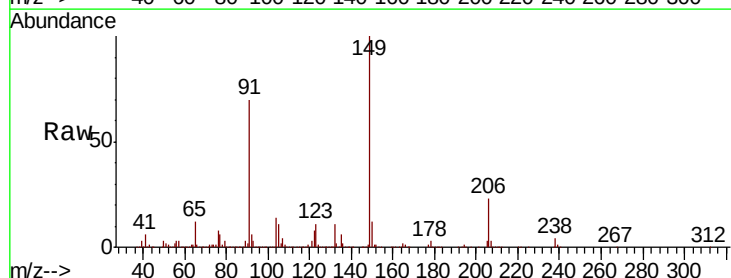
Tgt Ion:149 Resp: 582029

Ion Ratio Lower Upper

149 100

91 69.9 56.3 84.5

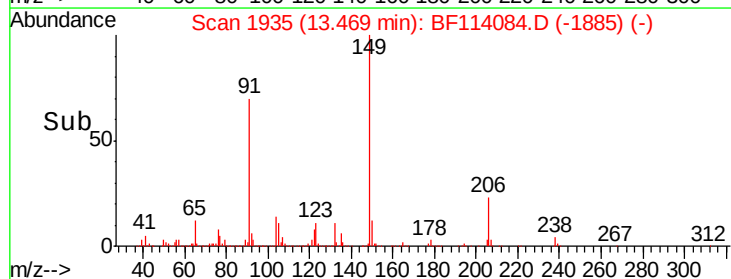
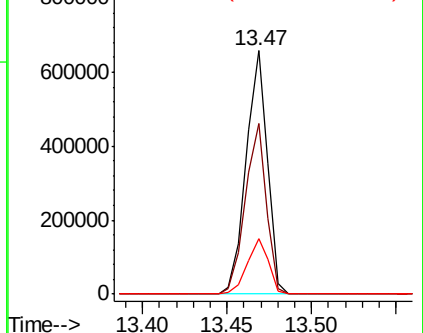
206 22.7 19.0 28.6

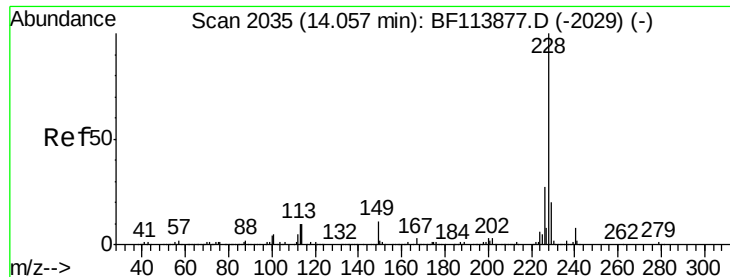


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 75.547 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

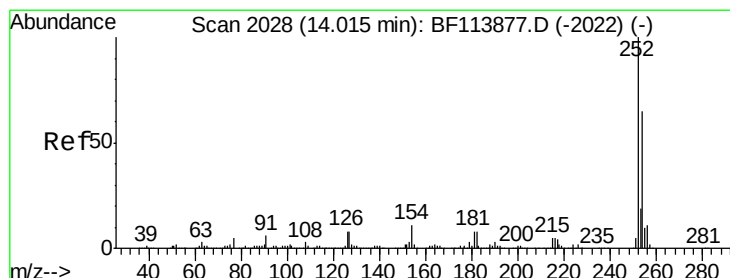
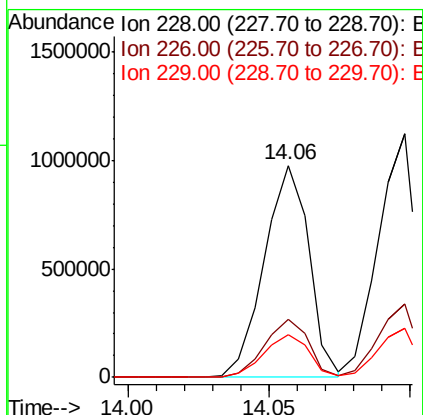
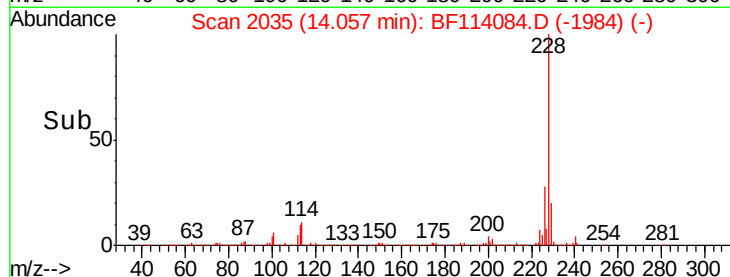
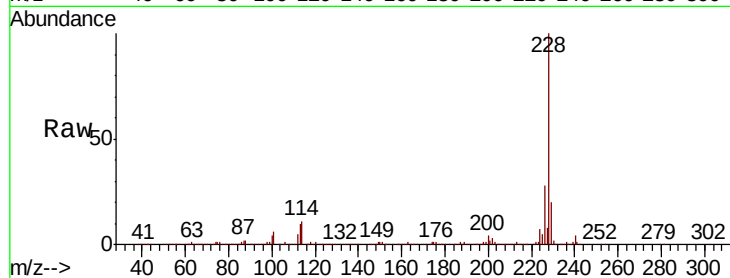
Tot Ion:228 Resp: 1068581

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 20.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 35.604 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

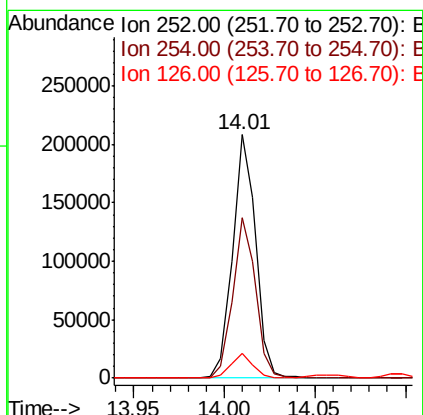
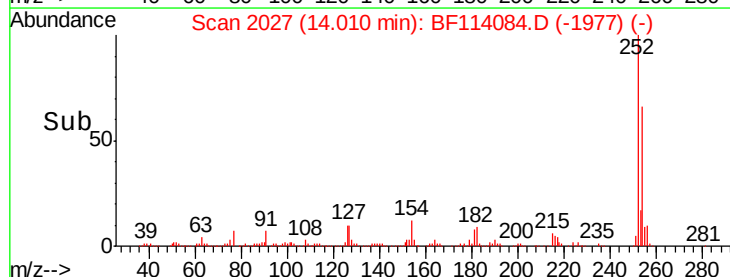
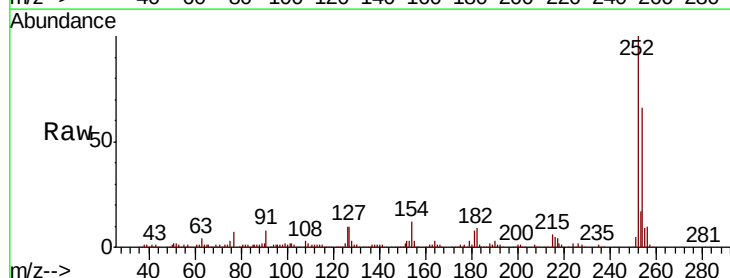
Tgt Ion:252 Resp: 184586

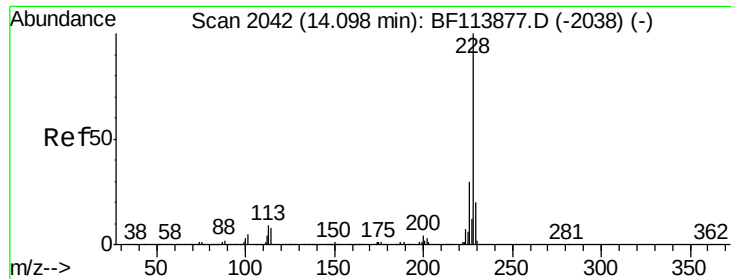
Ion Ratio Lower Upper

252 100

254 66.1 52.1 78.1

126 10.1 9.3 13.9





#83

Chrysene

Concen: 76.714 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

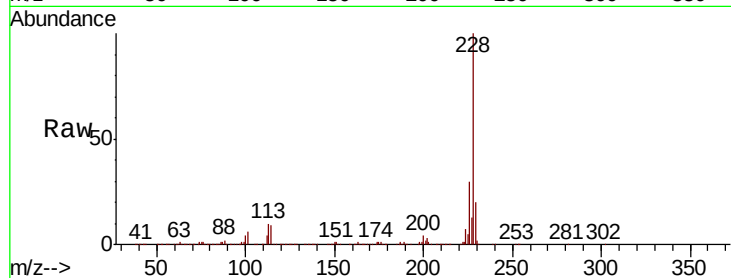
Tot Ion:228 Resp: 1056773

Ion Ratio Lower Upper

228 100

226 30.4 25.2 37.8

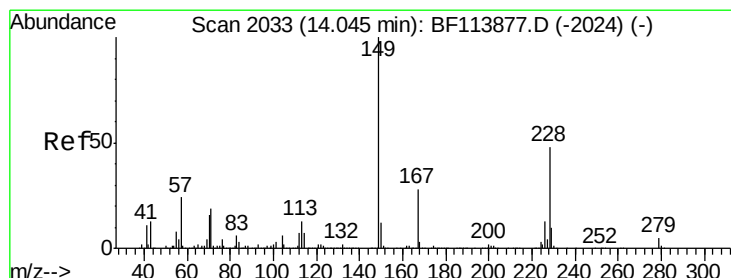
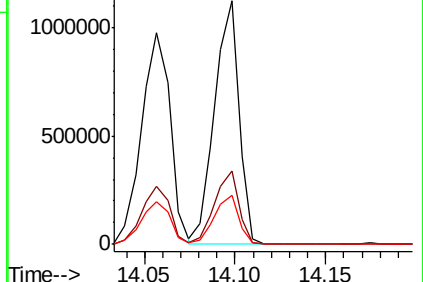
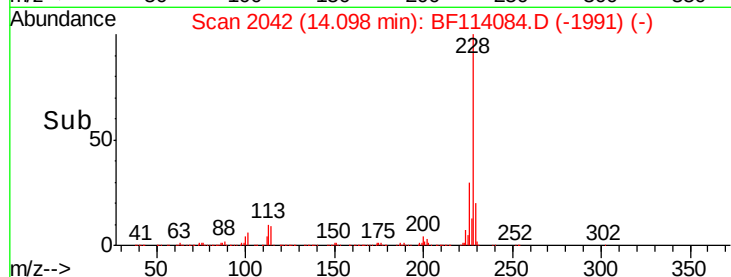
229 20.1 16.7 25.1



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: 97.057 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

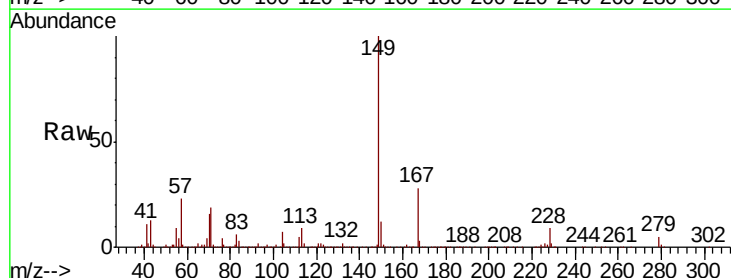
Tgt Ion:149 Resp: 815684

Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

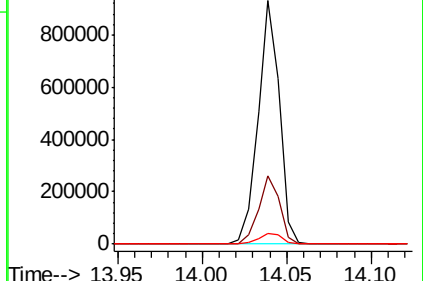
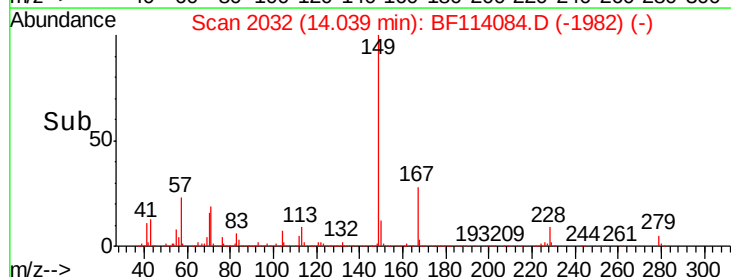
279 4.5 4.2 6.2

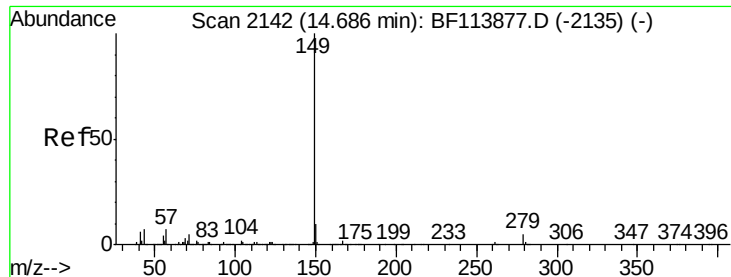


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 97.094 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

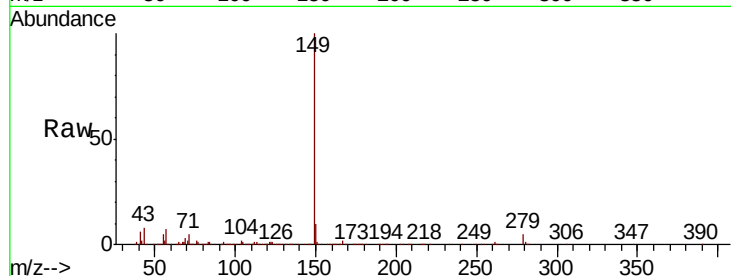
Tot Ion:149 Resp: 1277222

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

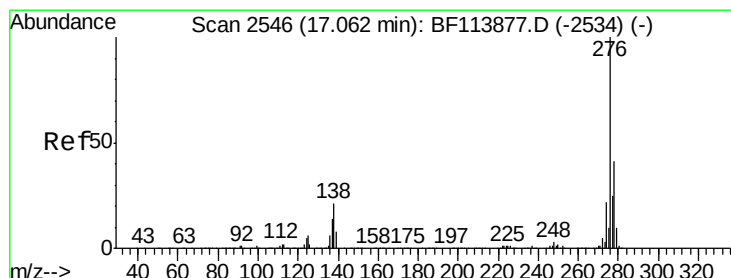
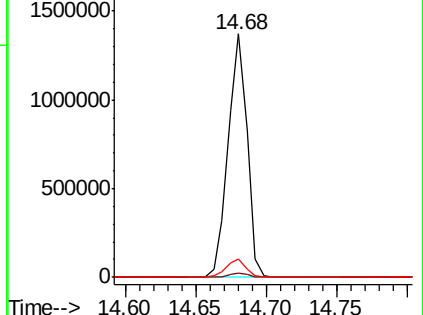
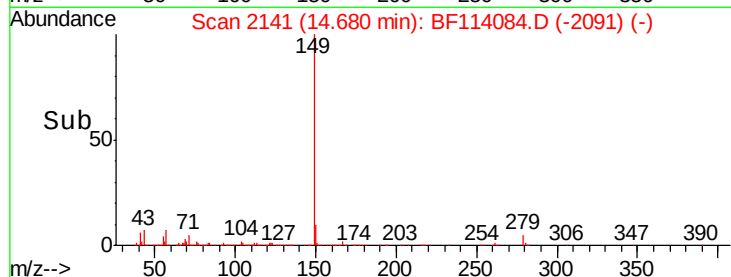
43 7.5 6.6 10.0



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: 95.914 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.03 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

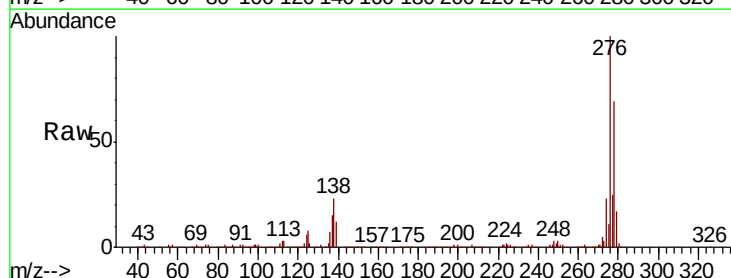
Tgt Ion:276 Resp: 1251537

Ion Ratio Lower Upper

276 100

138 22.9 19.6 29.4

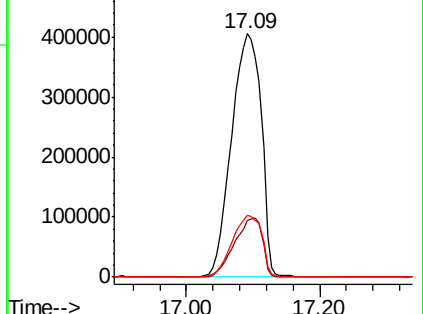
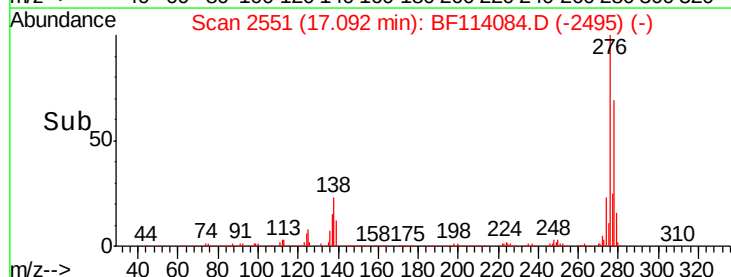
277 25.4 20.2 30.4

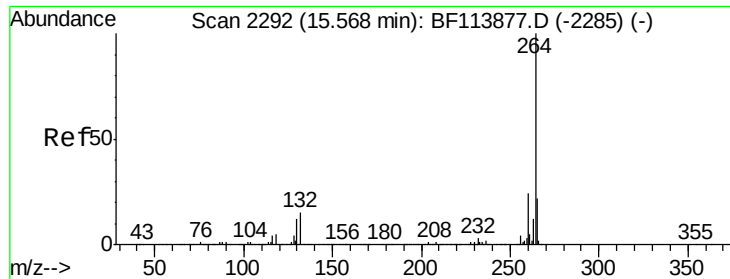


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



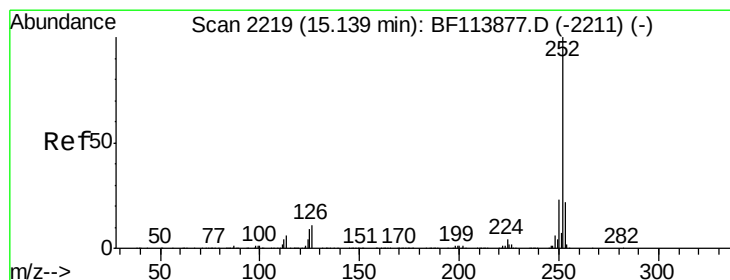
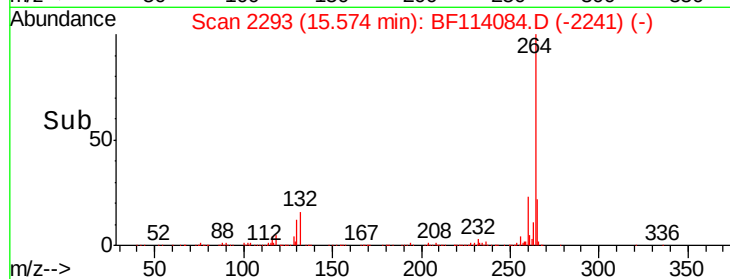
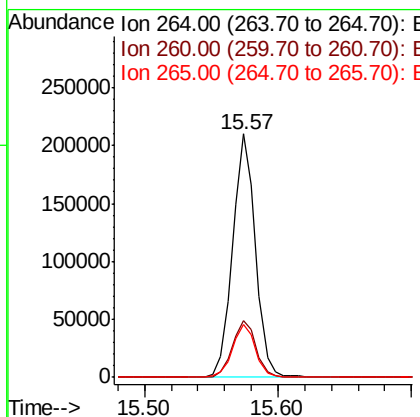
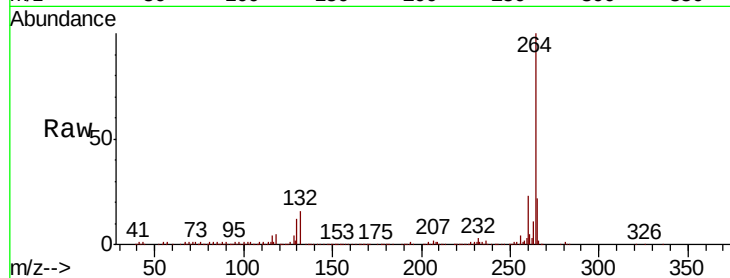


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion:264 Resp: 250971

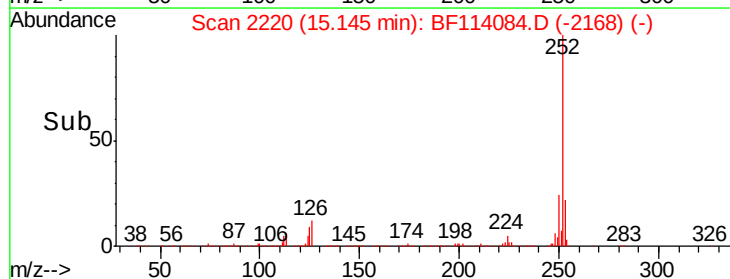
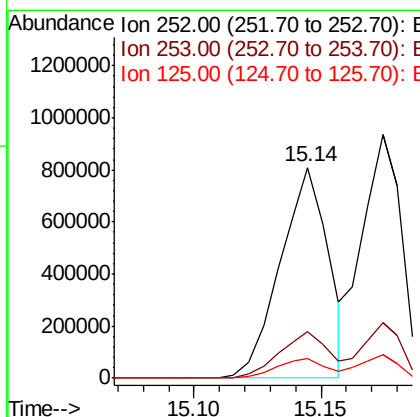
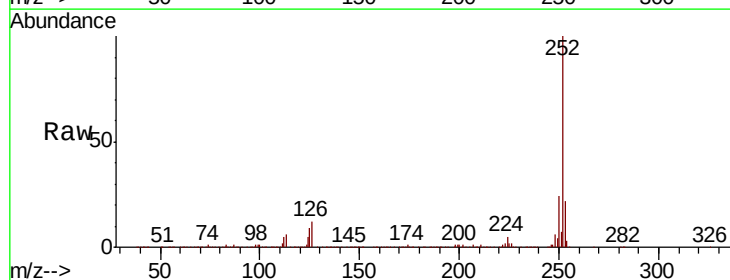
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.5	17.3	25.9

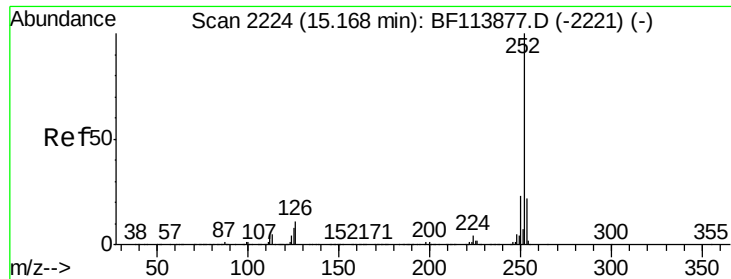


#88
Benzo(b)fluoranthene
Concen: 66.991 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:252 Resp: 1063734

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.2	7.0	10.6

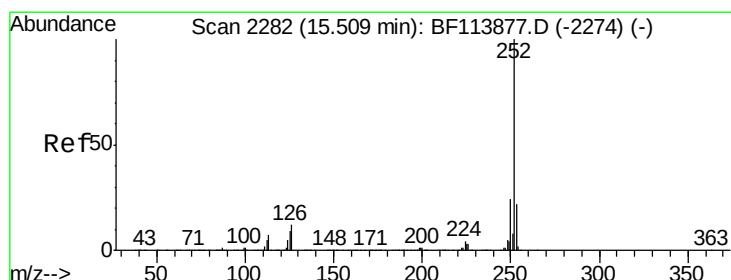
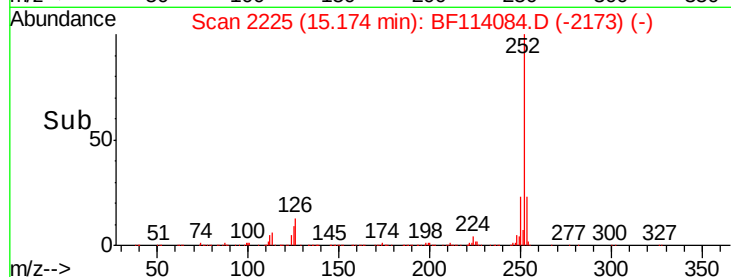
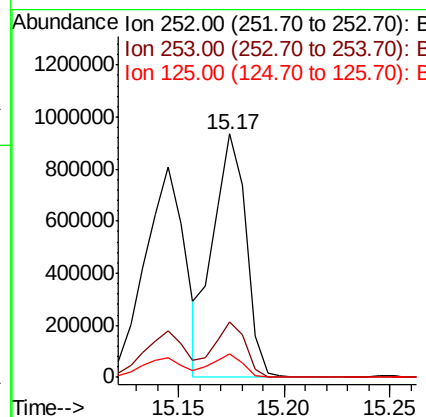
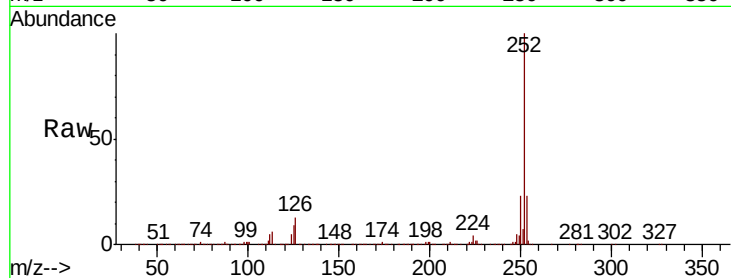




#89
Benzo(k)fluoranthene
Concen: 73.870 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

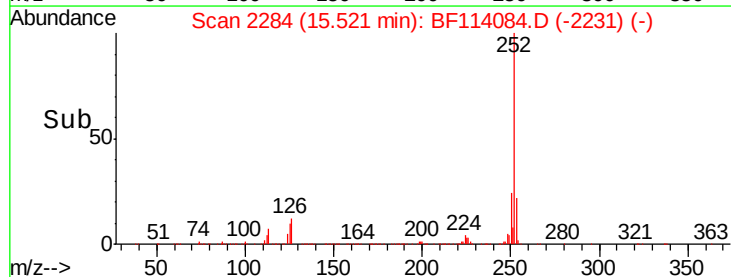
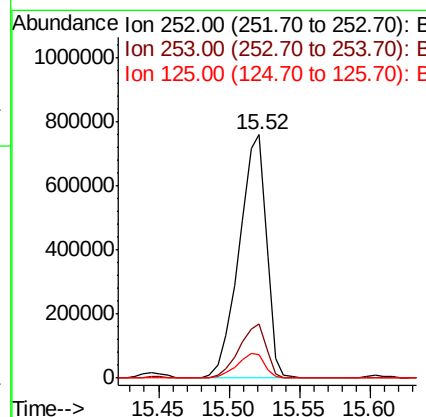
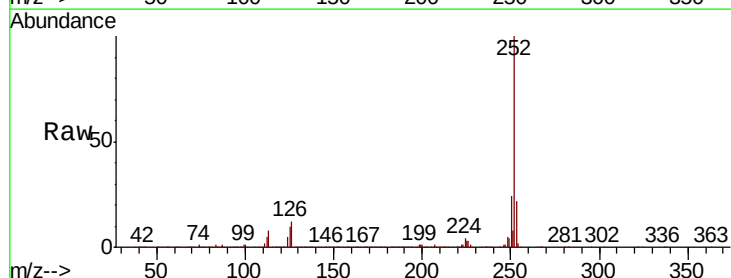
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

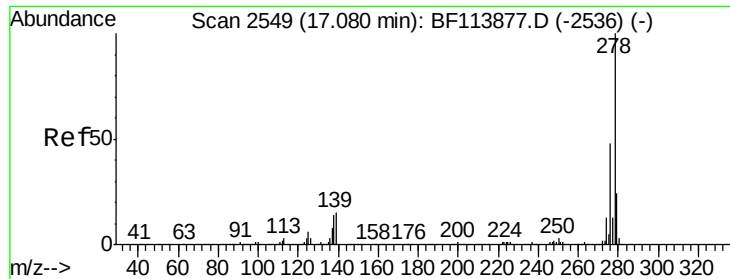
Tot Ion:252 Resp: 1008958
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 74.664 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion:252 Resp: 1025469
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.7 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 79.587 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.03 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

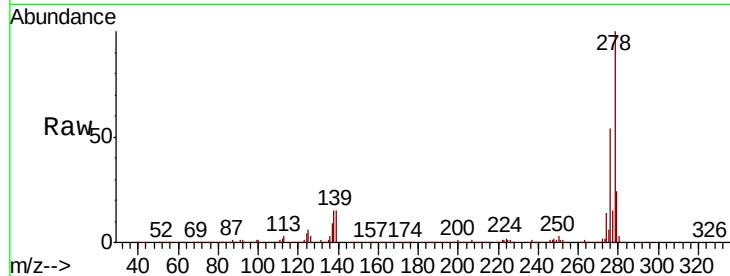
Tot Ion:278 Resp: 1026096

Ion Ratio Lower Upper

278 100

139 14.5 11.6 17.4

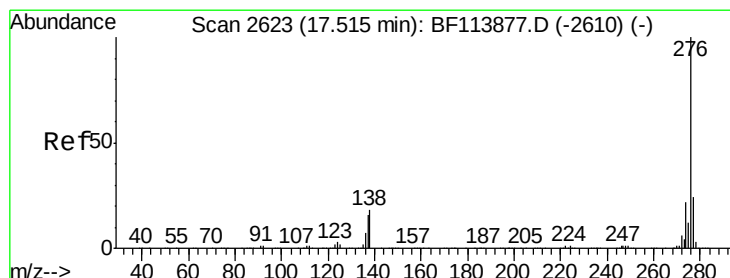
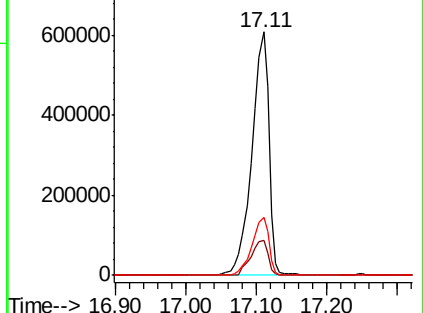
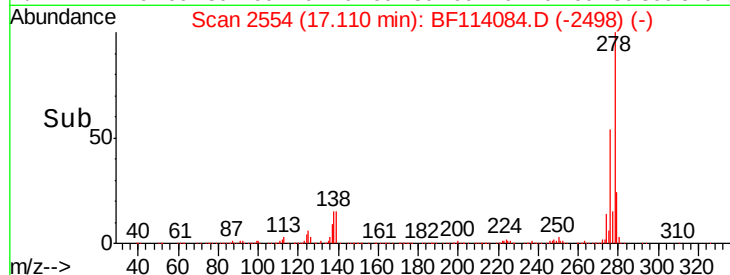
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 81.606 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.04 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

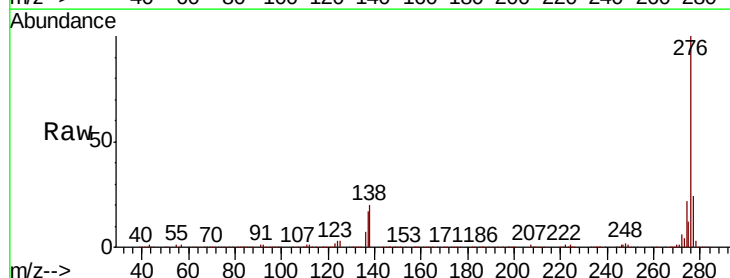
Tgt Ion:276 Resp: 1061772

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 19.8 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

