

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115411.D
 Acq On : 8 Jul 2019 17:51
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 09 01:26:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178378	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	750704	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	377855	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	725608	20.00	ng	0.00
76) Chrysene-d12	14.06	240	538060	20.00	ng	-0.01
87) Perylene-d12	15.53	264	541708	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	886633	76.80	ng	0.00
7) Phenol-d6	6.52	99	1141256	77.73	ng	0.00
23) Nitrobenzene-d5	7.46	82	1038049	81.70	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	350091	83.80	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1789824	83.12	ng	0.00
79) Terphenyl-d14	13.00	244	2058785	78.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	216255	38.188	ng	99
3) Pyridine	3.46	79	606981	38.762	ng	98
4) n-Nitrosodimethylamine	3.40	42	235811	37.136	ng	98
6) Aniline	6.56	93	794720	38.354	ng	99
8) 2-Chlorophenol	6.68	128	515034	39.507	ng	98
9) Benzaldehyde	6.45	77	347058	41.215	ng	99
10) Phenol	6.53	94	633001	36.031	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	503386	38.624	ng	99
12) 1,3-Dichlorobenzene	6.84	146	561756	39.332	ng	100
13) 1,4-Dichlorobenzene	6.92	146	560660	39.190	ng	100
14) 1,2-Dichlorobenzene	7.07	146	530110	40.022	ng	99
15) Benzyl Alcohol	7.03	79	456654	38.757	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	697714	38.287	ng	100
17) 2-Methylphenol	7.15	107	425478	38.097	ng	99
18) Hexachloroethane	7.42	117	210512	39.500	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	377326	37.984	ng	98
20) 3+4-Methylphenols	7.30	107	523706	39.697	ng	98
22) Acetophenone	7.30	105	696767	38.734	ng	# 99
24) Nitrobenzene	7.47	77	568375	39.610	ng	99
25) Isophorone	7.72	82	1029270	37.373	ng	99
26) 2-Nitrophenol	7.79	139	271329	45.993	ng	97
27) 2,4-Dimethylphenol	7.83	122	417646	37.127	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	648504	38.187	ng	99
29) 2,4-Dichlorophenol	8.03	162	440285	39.296	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	489000	39.204	ng	99
31) Naphthalene	8.20	128	1458568	39.117	ng	100
32) Benzoic acid	7.94	122	305482	38.626	ng	97
33) 4-Chloroaniline	8.25	127	645300	38.787	ng	99
34) Hexachlorobutadiene	8.32	225	283933	40.139	ng	99
35) Caprolactam	8.62	113	140273	38.440	ng	90
36) 4-Chloro-3-methylphenol	8.72	107	462423	39.019	ng	99
37) 2-Methylnaphthalene	8.89	142	977836	39.234	ng	100
38) 1-Methylnaphthalene	8.99	142	941781	39.604	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	444237	40.867	ng	100

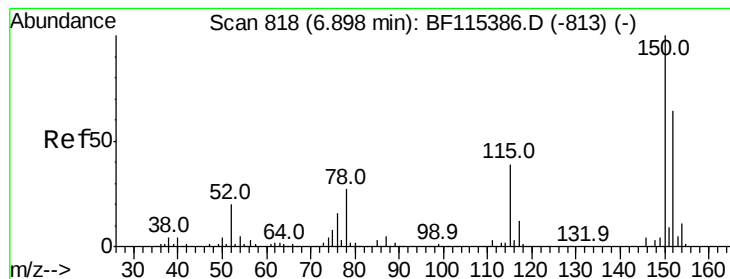
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	253878	40.296	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	314930	39.794	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	336037	40.949	nq	99
46) 1,1'-Biphenyl	9.36	154	1183990	39.858	nq	98
47) 2-Chloronaphthalene	9.38	162	977723	39.825	nq	100
48) 2-Nitroaniline	9.47	65	308844	42.818	nq	97
49) Acenaphthylene	9.80	152	1453543	39.104	nq	100
50) Dimethylphthalate	9.66	163	1110088	39.142	nq	99
51) 2,6-Dinitrotoluene	9.71	165	251550	40.897	nq	94
52) Acenaphthene	9.97	154	935814	40.003	nq	99
53) 3-Nitroaniline	9.88	138	292056	40.882	nq	98
54) 2,4-Dinitrophenol	9.98	184	112130	46.816	nq	# 77
55) Dibenzofuran	10.14	168	1307087	39.665	nq	98
56) 4-Nitrophenol	10.03	139	230572	41.717	nq	99
57) 2,4-Dinitrotoluene	10.12	165	334497	42.792	nq	93
58) Fluorene	10.48	166	966783	37.216	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	286149	40.365	nq	99
60) Diethylphthalate	10.35	149	1104543	39.568	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	503258	39.692	nq	97
62) 4-Nitroaniline	10.49	138	283866	40.482	nq	99
63) Azobenzene	10.63	77	1107739	38.496	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	152890	44.657	nq	100
66) n-Nitrosodiphenylamine	10.59	169	904938	39.582	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	327328	40.203	nq	97
68) Hexachlorobenzene	11.03	284	372057	40.723	nq	99
69) Atrazine	11.12	200	294614	41.639	nq	99
70) Pentachlorophenol	11.22	266	231207	41.525	nq	98
71) Phenanthrene	11.45	178	1507370	39.500	nq	99
72) Anthracene	11.49	178	1535737	40.132	nq	99
73) Carbazole	11.65	167	1376594	39.321	nq	100
74) Di-n-butylphthalate	11.97	149	1702743	40.245	nq	100
75) Fluoranthene	12.63	202	1577645	39.264	nq	99
77) Benzidine	12.74	184	786105	37.465	nq	99
78) Pyrene	12.86	202	1623469	38.800	nq	100
80) Butylbenzylphthalate	13.47	149	742816	40.632	nq	88
81) Benzo(a)anthracene	14.04	228	1382945	40.114	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	512735	40.987	nq	98
83) Chrysene	14.08	228	1383916	39.069	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	943252	41.663	nq	99
85) Di-n-octyl phthalate	14.65	149	1633823	40.537	nq	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1203777	40.964	nq	# 100
88) Benzo(b)fluoranthene	15.10	252	1348936	38.246	nq	100
89) Benzo(k)fluoranthene	15.13	252	1205259	38.424	nq	99
90) Benzo(a)pyrene	15.47	252	1178713	38.747	nq	100
91) Dibenzo(a,h)anthracene	17.03	278	997362	38.367	nq	98
92) Benzo(g,h,i)perylene	17.46	276	933295	37.931	nq	99

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

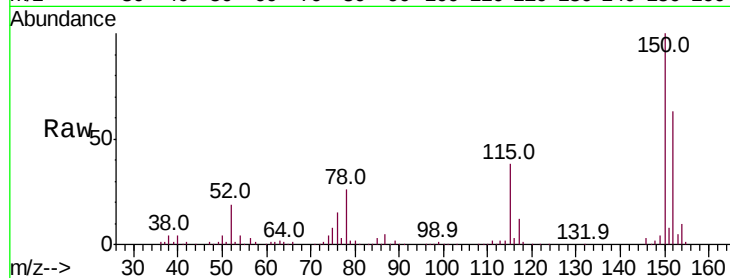


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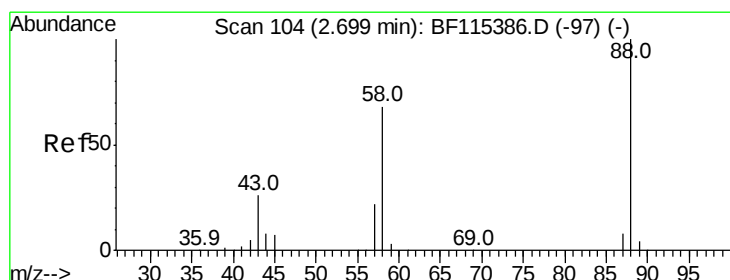
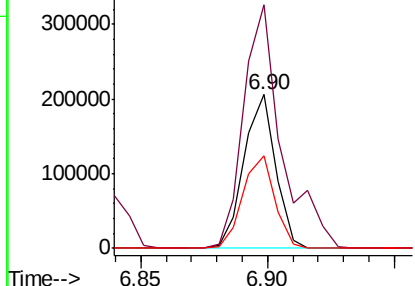
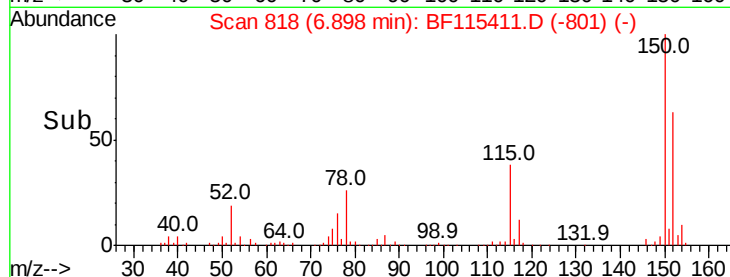
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 178378
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 60.5 48.1 72.1



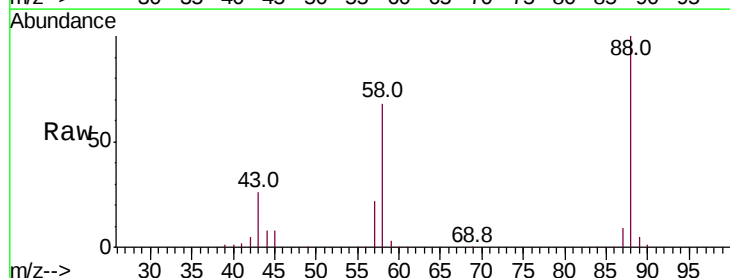
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



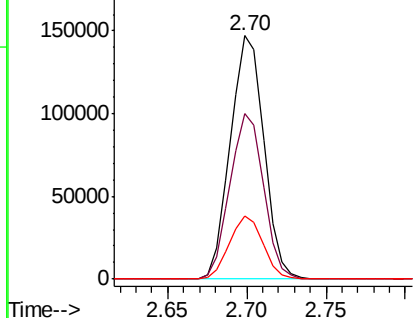
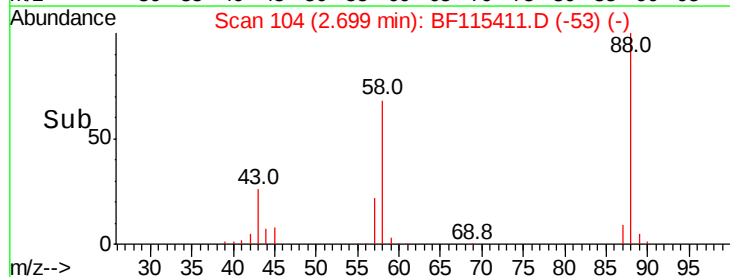
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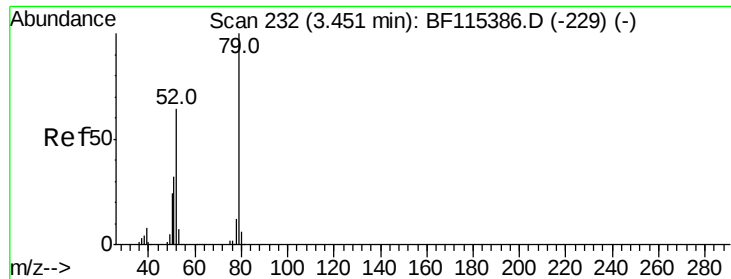
1,4-Dioxane
Concen: 38.188 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion: 88 Resp: 216255
Ion Ratio Lower Upper
88 100
58 68.0 54.6 82.0
43 25.7 21.4 32.0



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





#3

Pvridine

Concen: 38.762 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

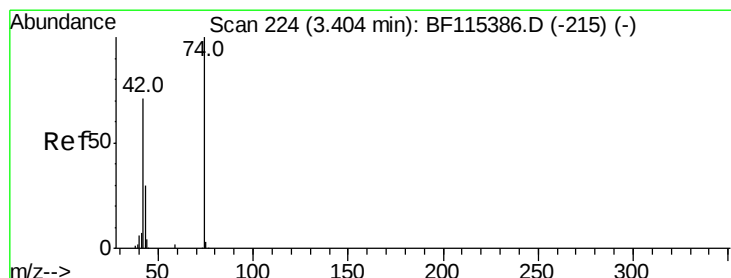
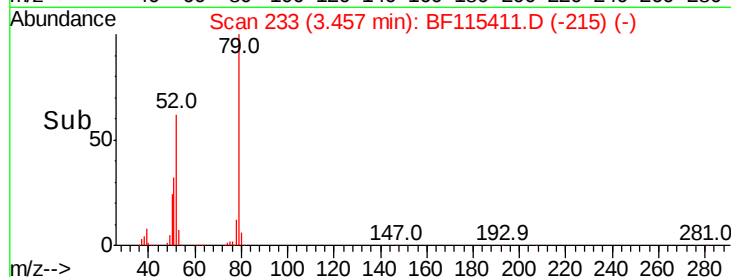
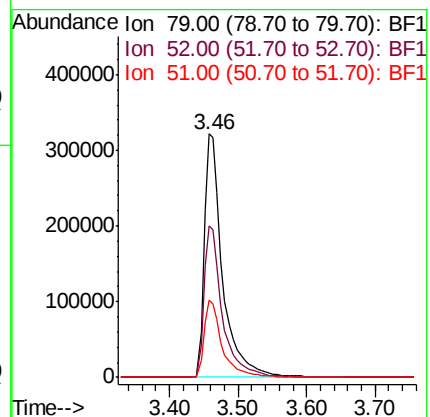
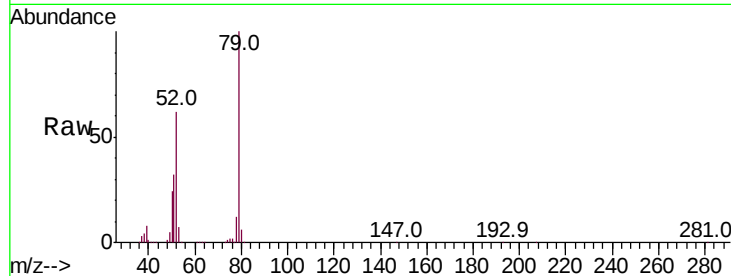
Tot Ion: 79 Resp: 606981

Ion Ratio Lower Upper

79 100

52 62.0 50.9 76.3

51 31.5 25.8 38.6



#4

n-Nitrosodimethylamine

Concen: 37.136 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

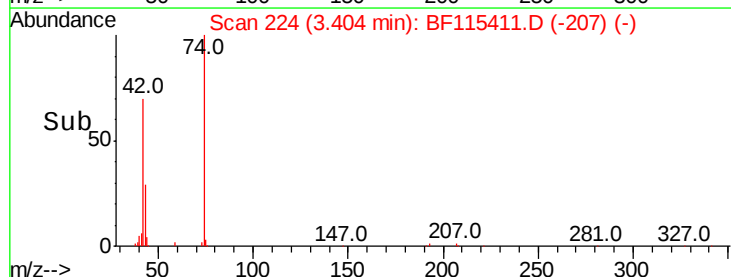
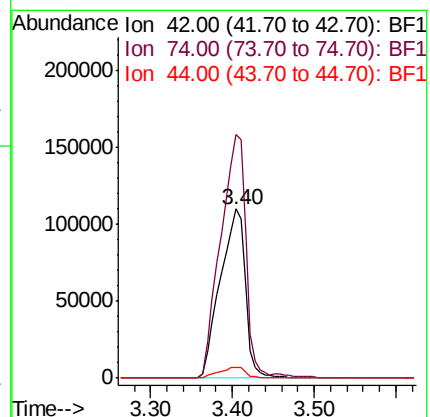
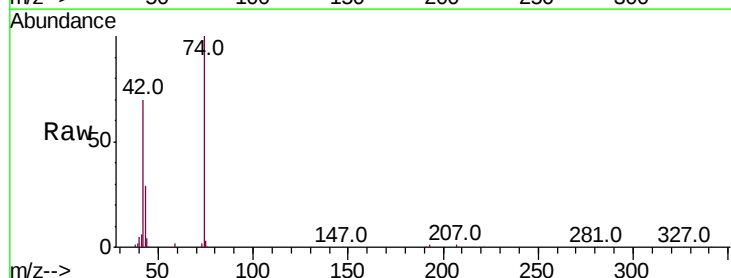
Tgt Ion: 42 Resp: 235811

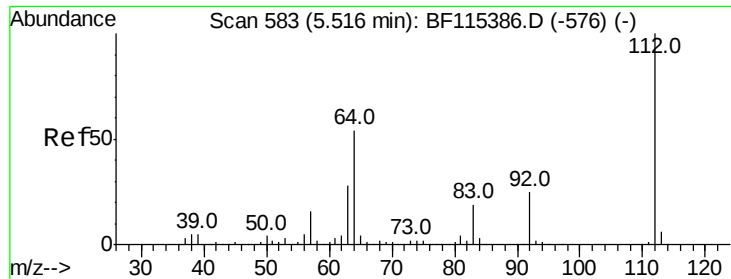
Ion Ratio Lower Upper

42 100

74 143.8 112.8 169.2

44 6.4 5.4 8.0





#5

2-Fluorophenol

Concen: 76.796 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

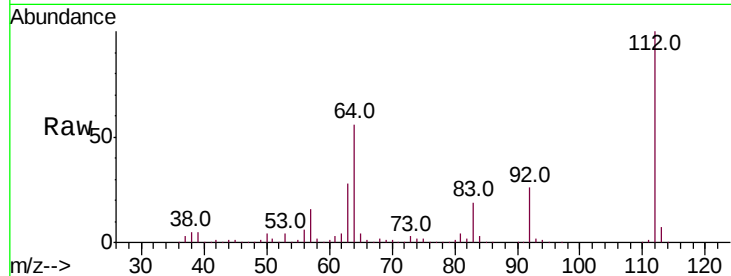
Tot Ion:112 Resp: 886633

Ion Ratio Lower Upper

112 100

64 55.6 43.0 64.6

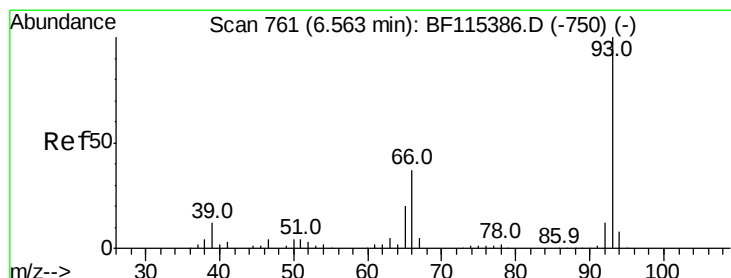
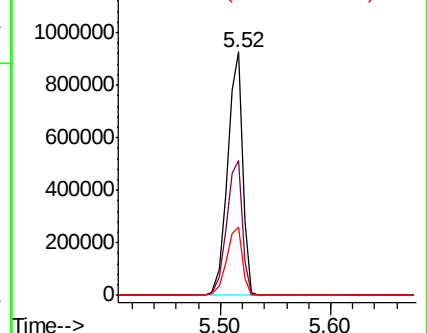
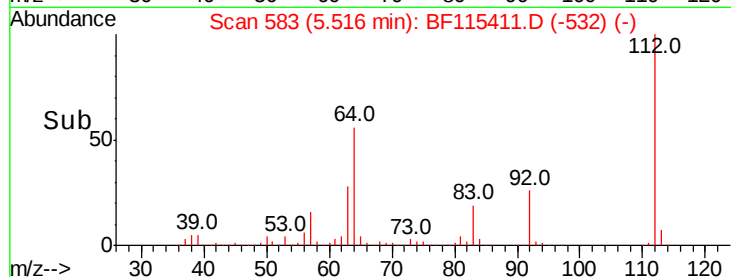
63 28.3 22.2 33.2



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: 38.354 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

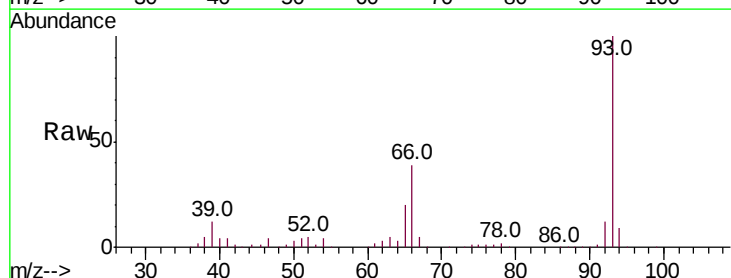
Tgt Ion: 93 Resp: 794720

Ion Ratio Lower Upper

93 100

66 39.3 30.8 46.2

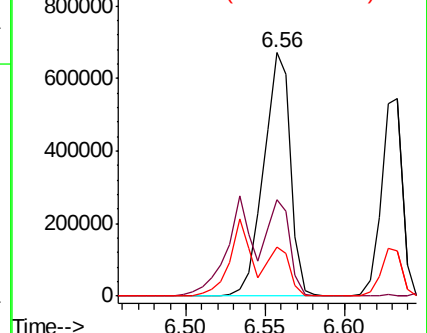
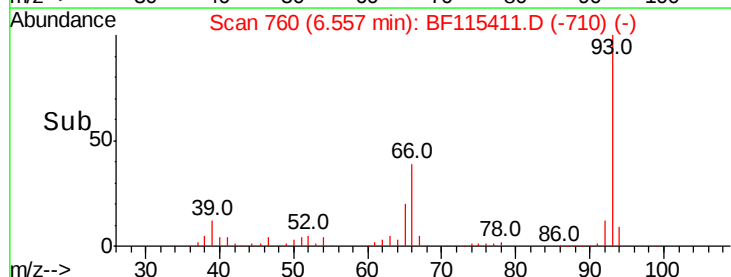
65 19.9 16.0 24.0

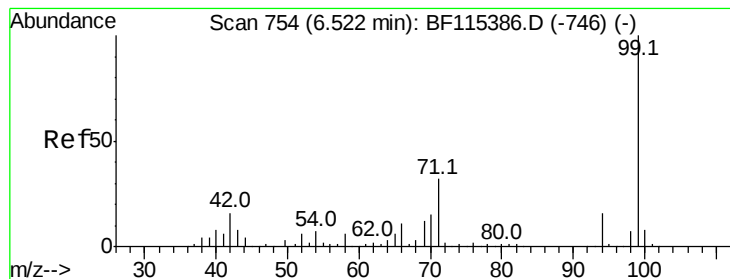


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.725 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

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SSTDCCC040

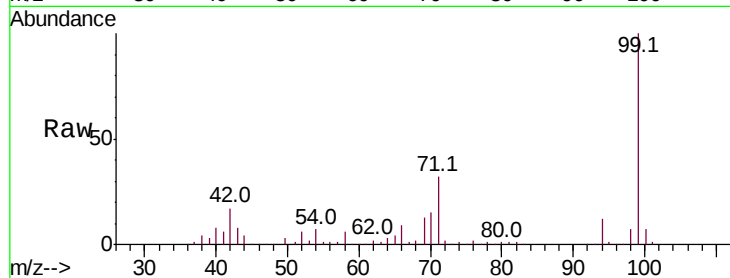
Tot Ion: 99 Resp: 1141256

Ion Ratio Lower Upper

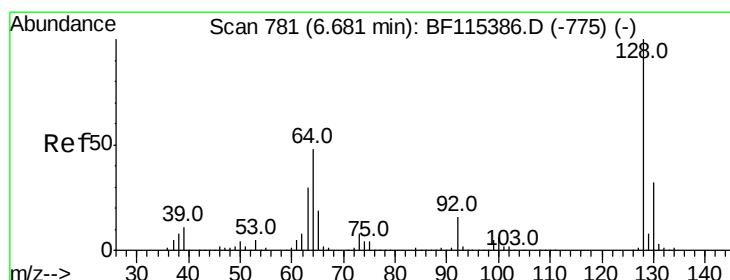
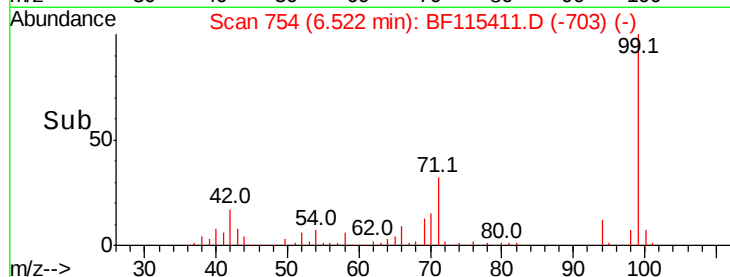
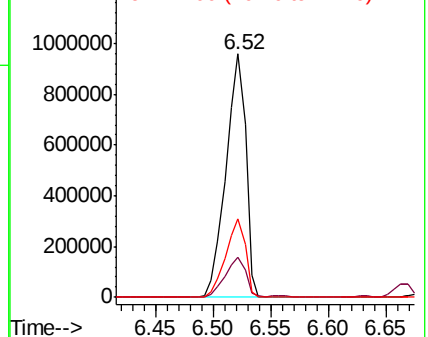
99 100

42 16.6 13.1 19.7

71 32.4 25.9 38.9



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: 39.507 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

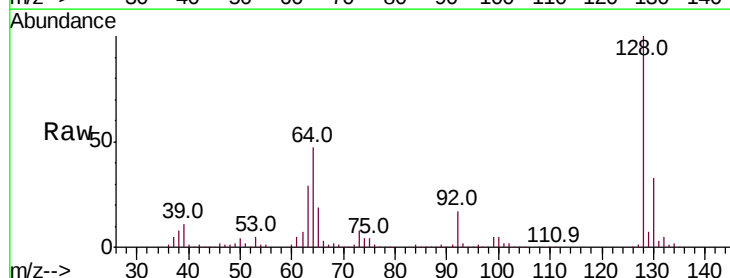
Tgt Ion:128 Resp: 515034

Ion Ratio Lower Upper

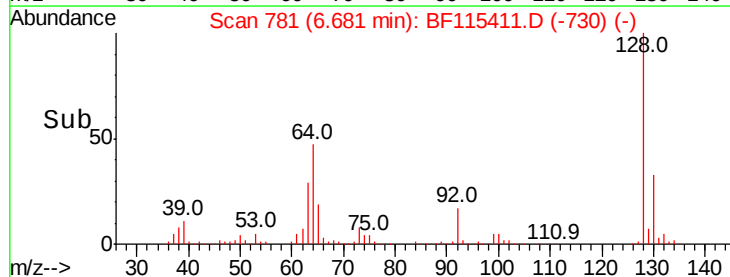
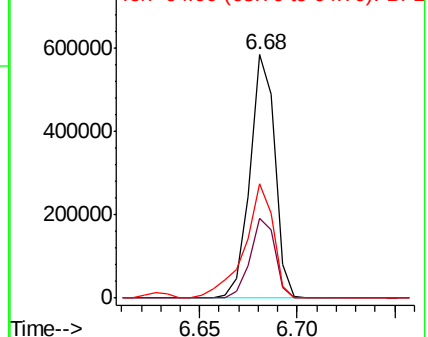
128 100

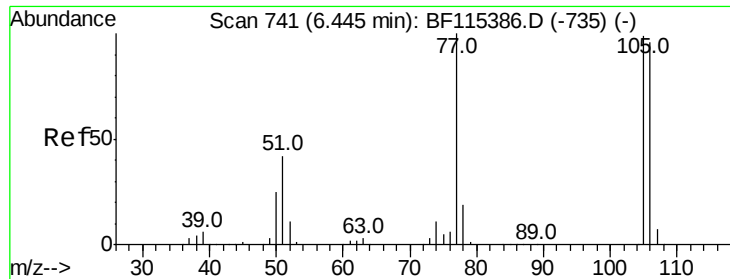
130 32.9 12.4 52.4

64 47.0 28.8 68.8



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: 41.215 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

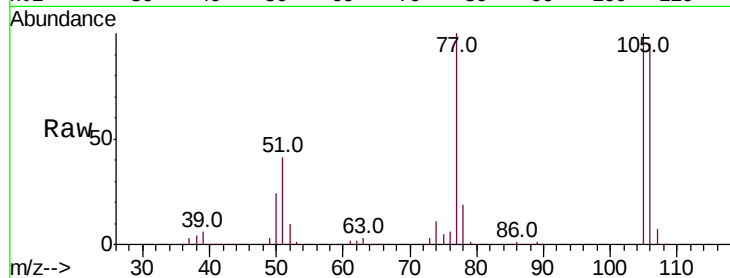
Tot Ion: 77 Resp: 347058

Ion Ratio Lower Upper

77 100

105 100.0 79.0 119.0

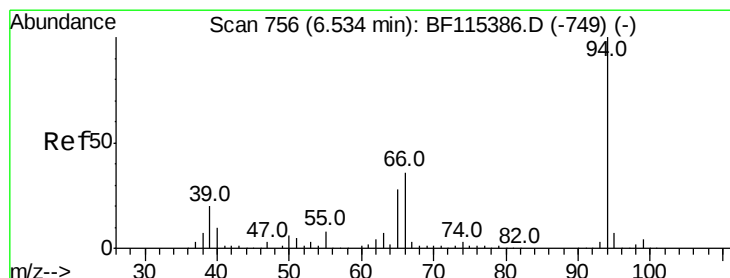
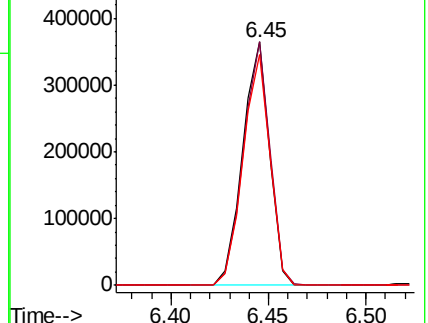
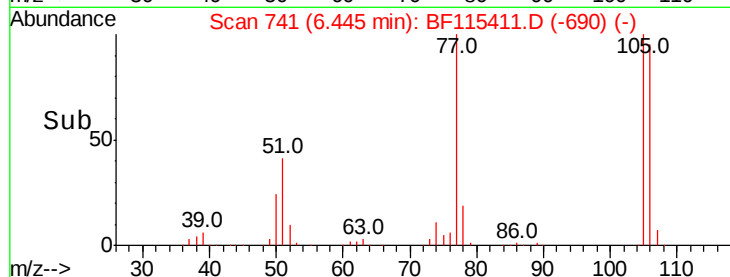
106 95.0 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.031 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

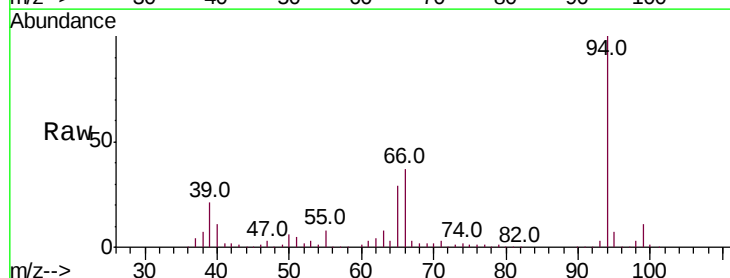
Tgt Ion: 94 Resp: 633001

Ion Ratio Lower Upper

94 100

65 28.6 8.0 48.0

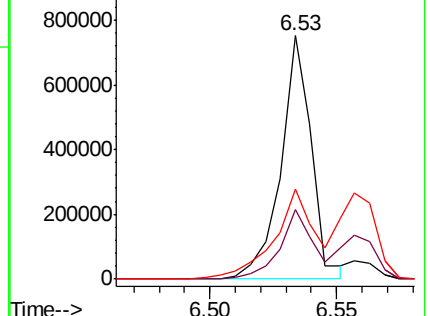
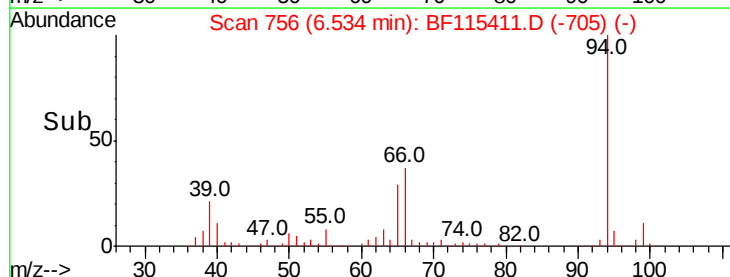
66 36.8 16.2 56.2

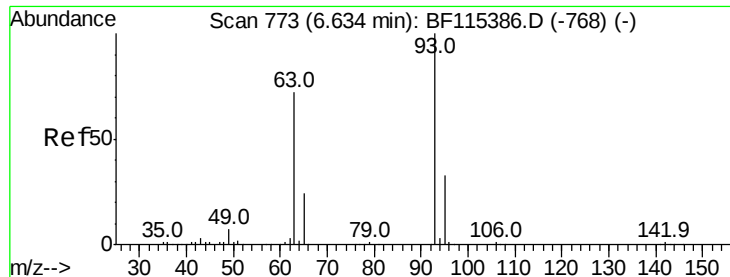


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.624 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

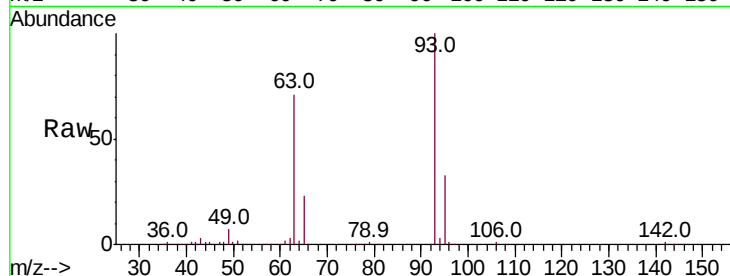
Tot Ion: 93 Resp: 503386

Ion Ratio Lower Upper

93 100

63 70.7 51.5 91.5

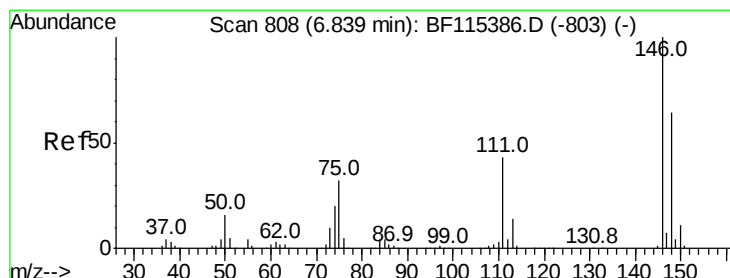
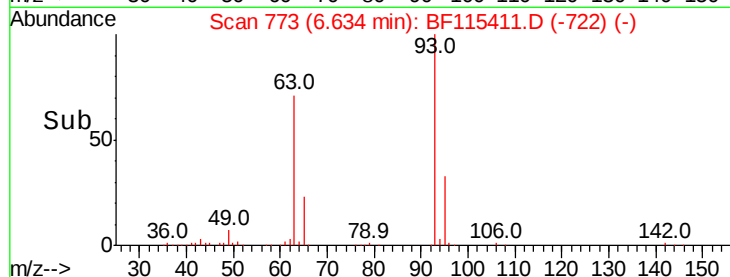
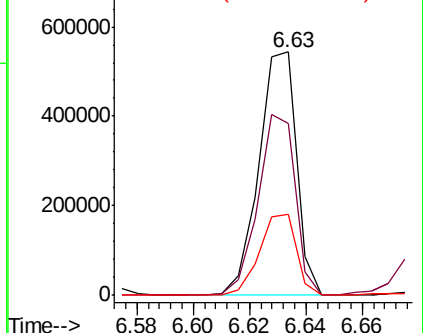
95 33.0 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.332 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

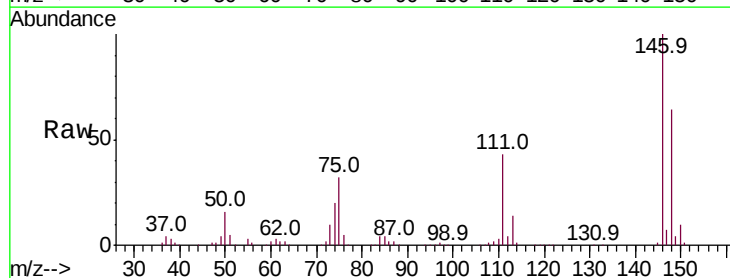
Tgt Ion: 146 Resp: 561756

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

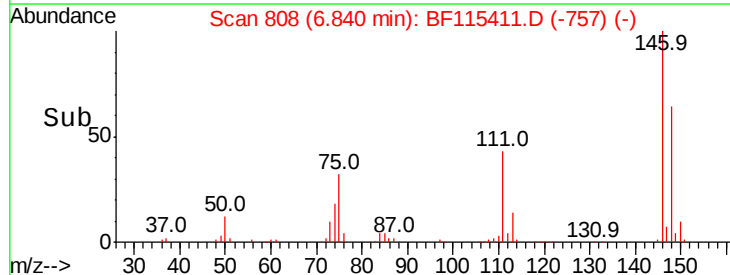
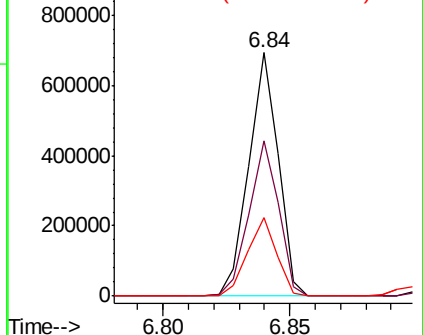
75 32.5 25.9 38.9

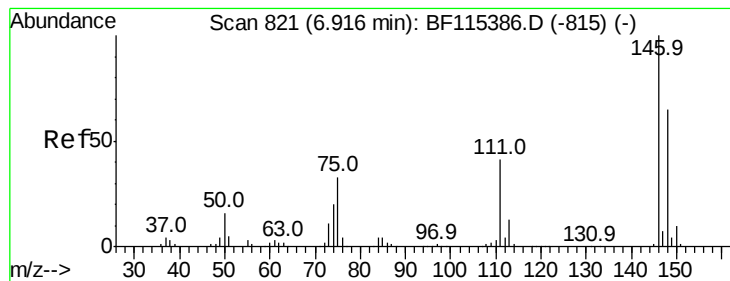


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.190 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

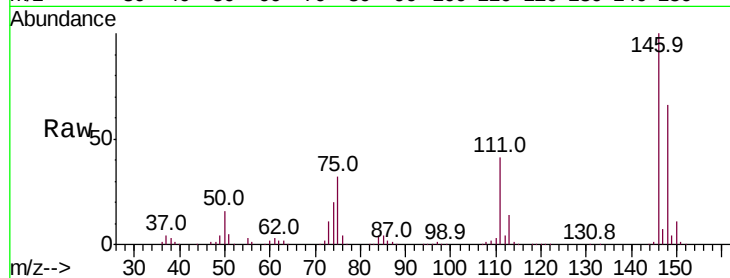
Tot Ion:146 Resp: 560660

Ion Ratio Lower Upper

146 100

148 65.8 52.3 78.5

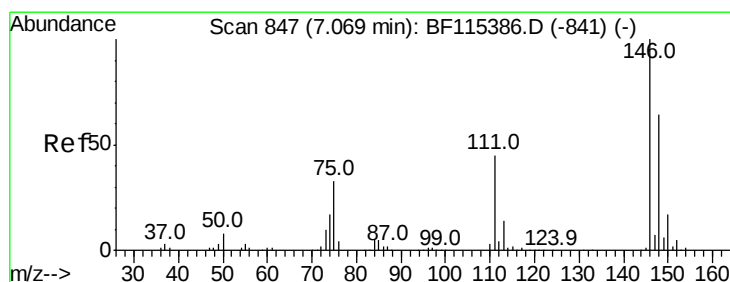
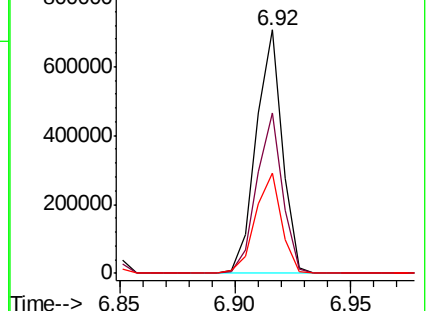
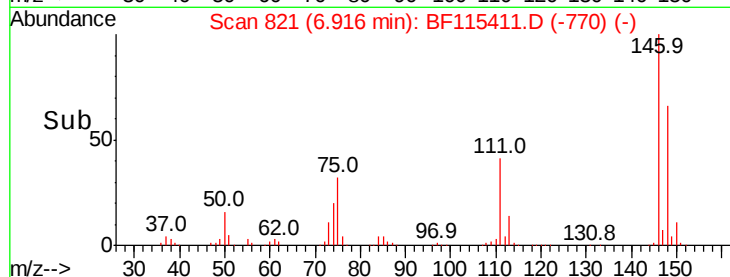
111 41.2 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.022 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

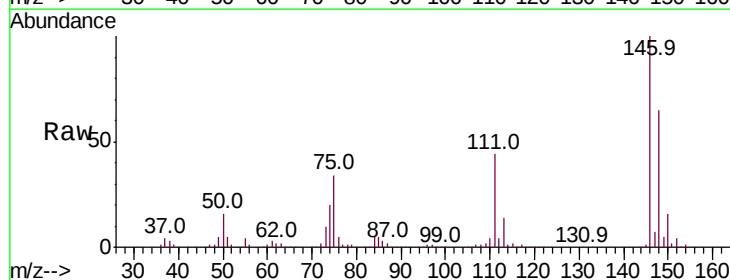
Tgt Ion:146 Resp: 530110

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

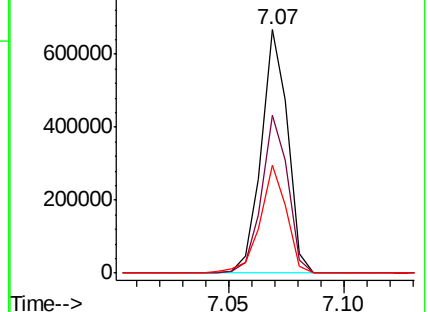
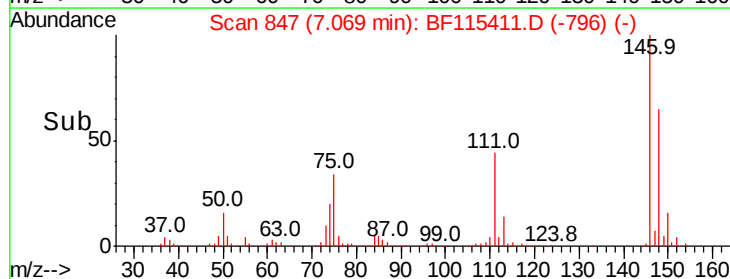
111 44.4 36.2 54.2

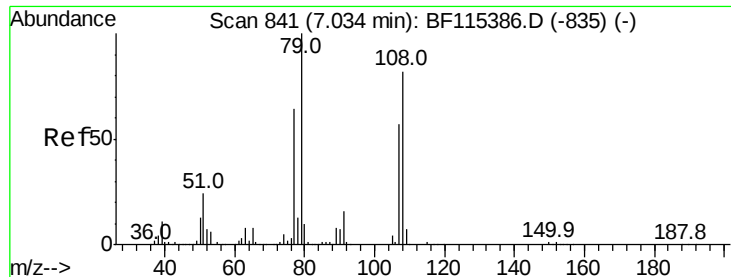


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.757 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

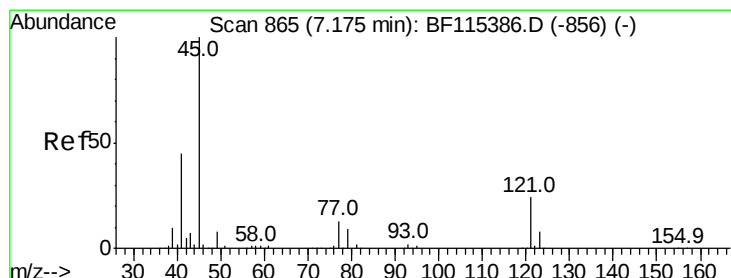
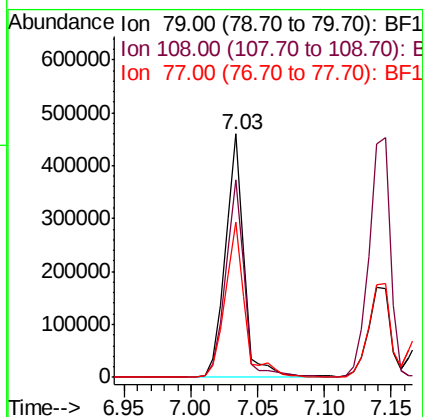
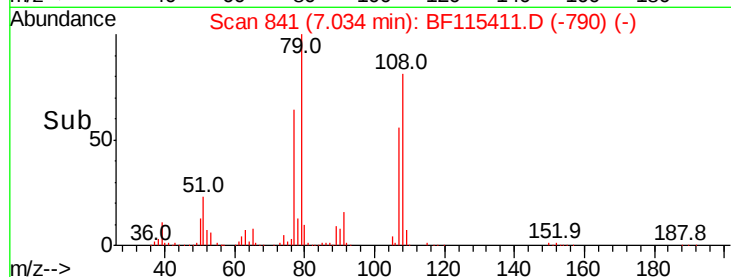
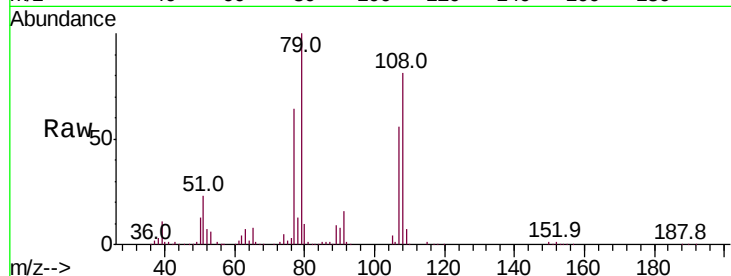
Tot Ion: 79 Resp: 456654

Ion Ratio Lower Upper

79 100

108 80.9 65.4 98.2

77 63.8 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.287 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

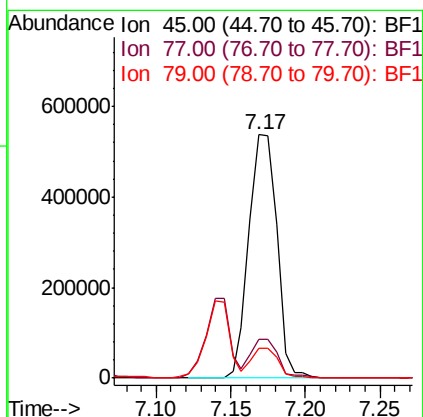
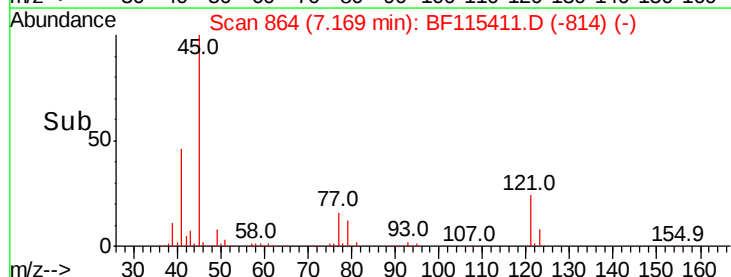
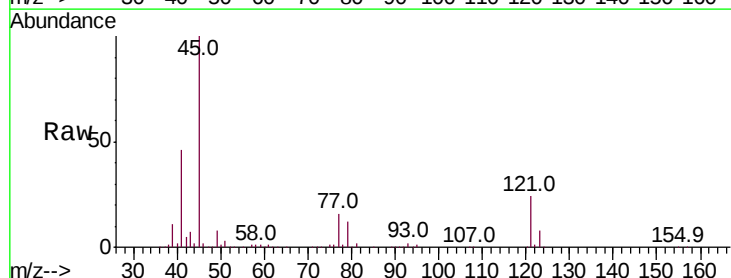
Tgt Ion: 45 Resp: 697714

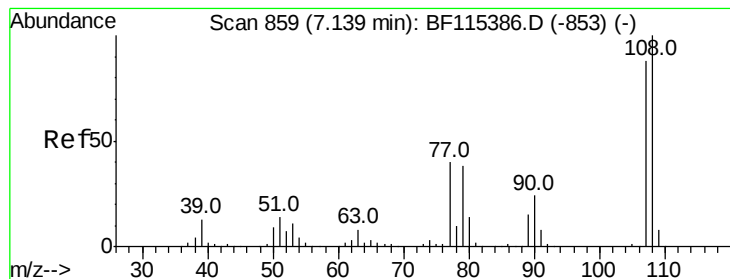
Ion Ratio Lower Upper

45 100

77 15.7 0.0 36.0

79 12.1 0.0 32.0





#17

2-Methylphenol

Concen: 38.097 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 425478

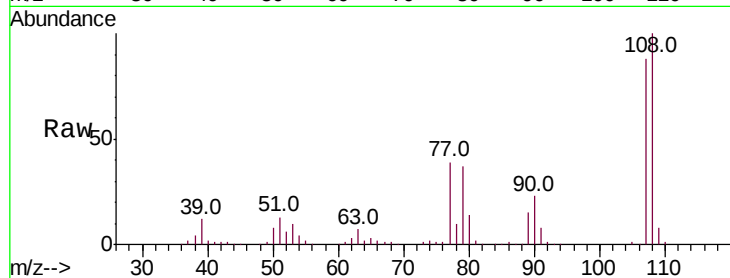
Ion Ratio Lower Upper

107 100

108 113.7 90.7 136.1

77 44.5 36.3 54.5

79 42.0 34.9 52.3

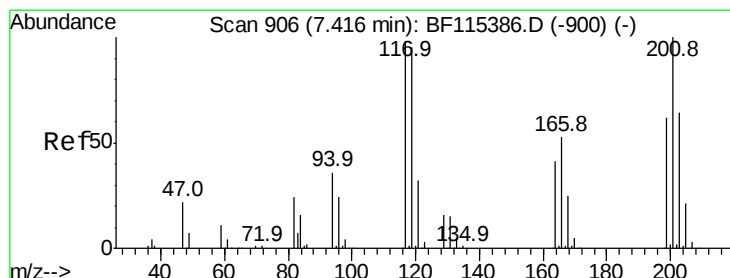
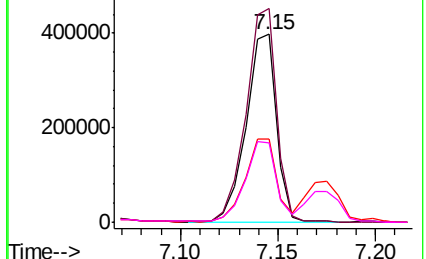
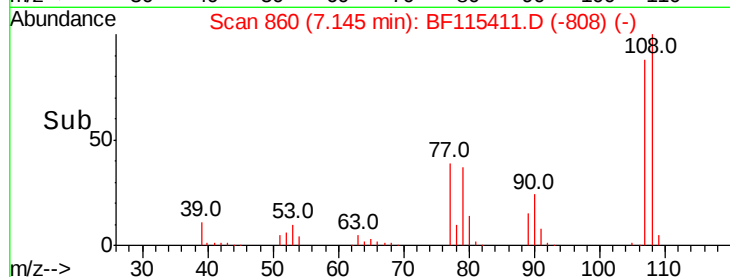


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.500 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

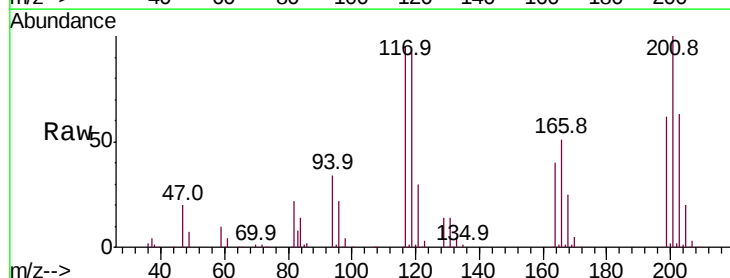
Tgt Ion:117 Resp: 210512

Ion Ratio Lower Upper

117 100

119 96.2 77.1 115.7

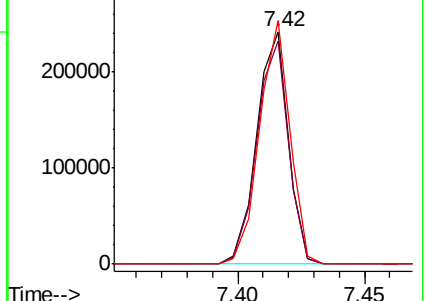
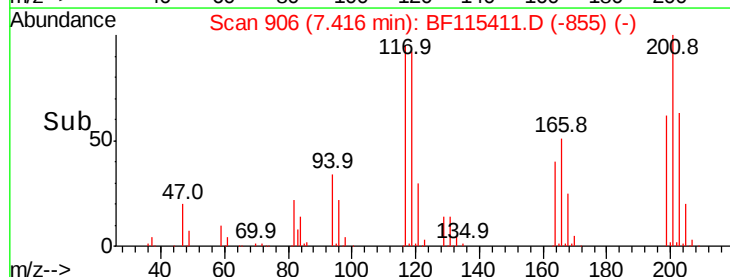
201 104.8 81.3 121.9

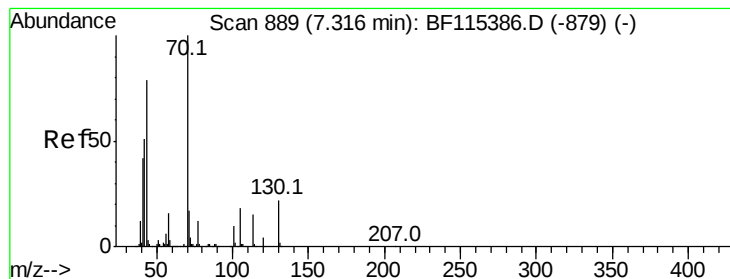


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.984 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 377326

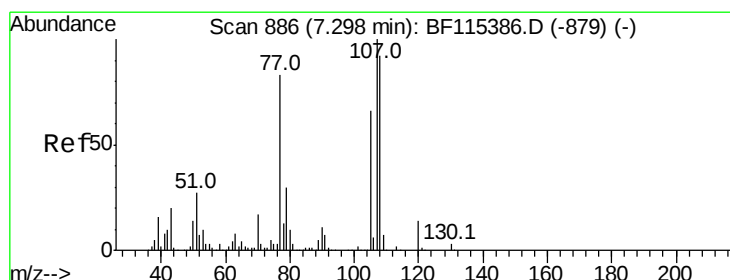
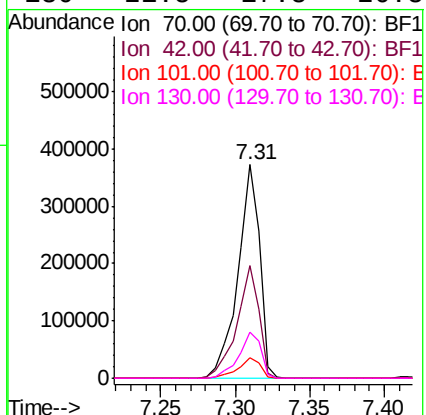
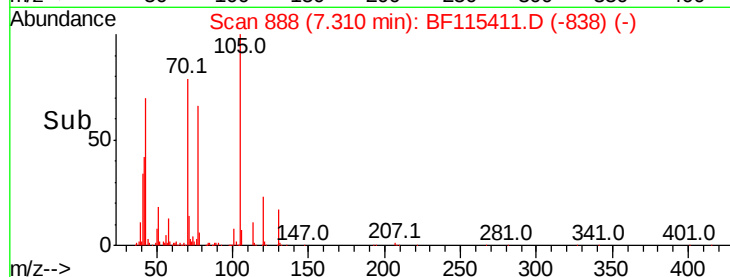
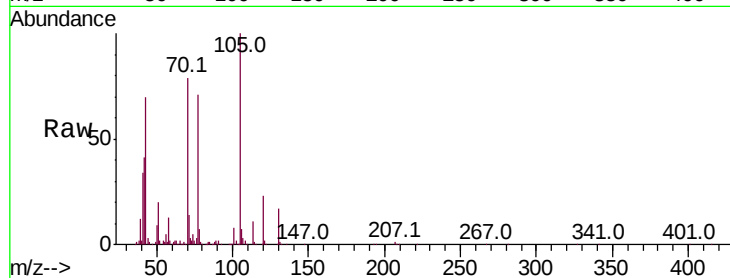
Ion Ratio Lower Upper

70 100

42 52.6 41.1 61.7

101 9.6 8.0 12.0

130 21.5 17.8 26.8



#20

3+4-Methylphenols

Concen: 39.697 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Tgt Ion: 107 Resp: 523706

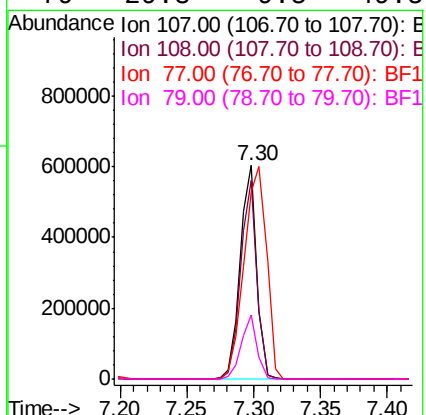
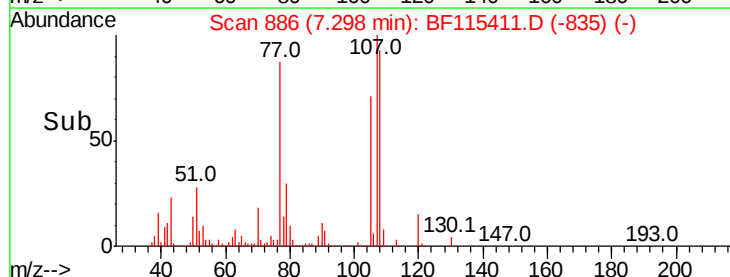
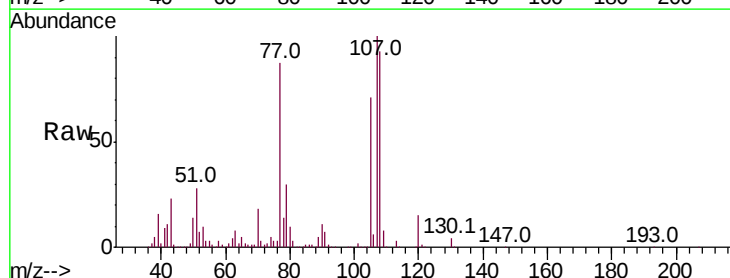
Ion Ratio Lower Upper

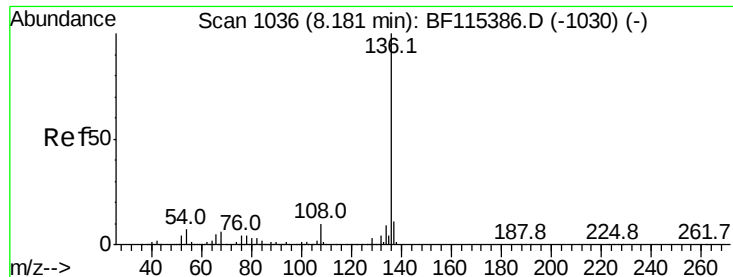
107 100

108 92.8 72.5 112.5

77 87.2 62.7 102.7

79 29.8 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 750704

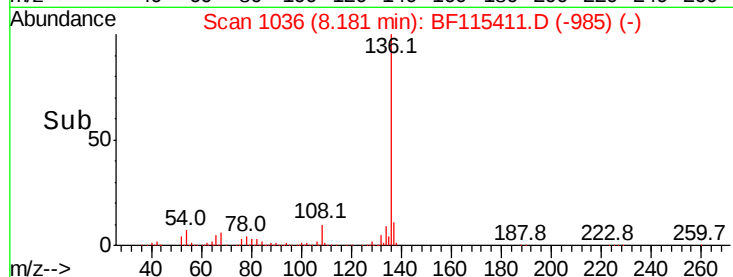
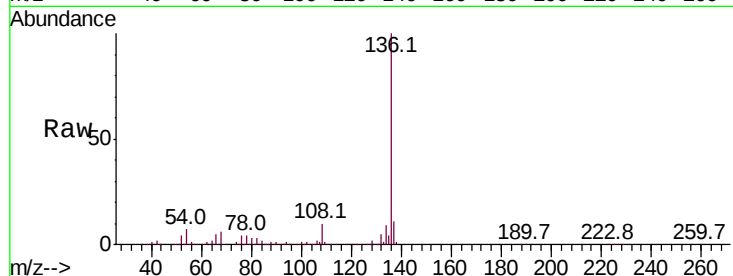
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 5.6 8.4

68 6.4 4.9 7.3



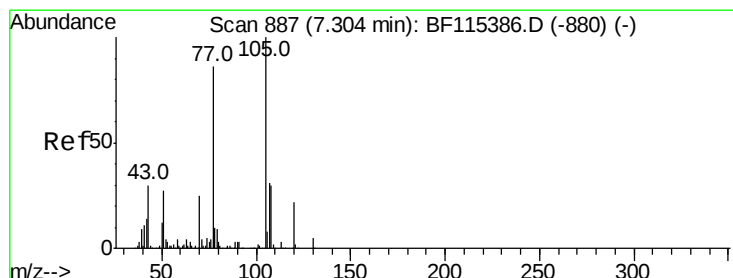
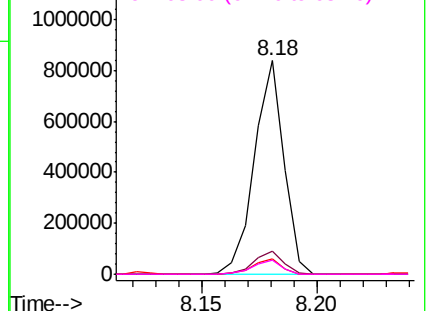
Abundance

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: 38.734 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Tgt Ion:105 Resp: 696767

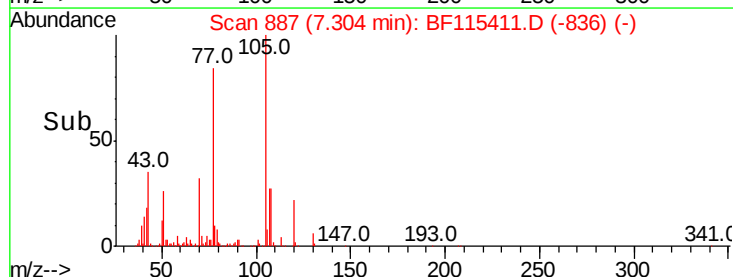
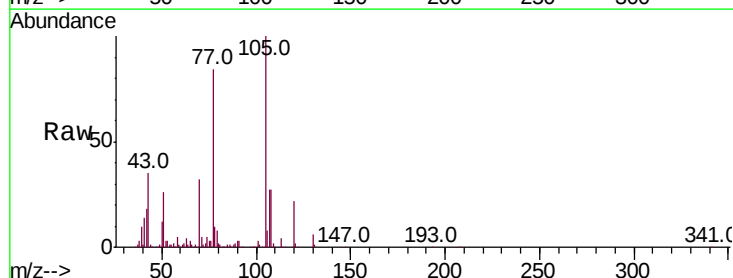
Ion Ratio Lower Upper

105 100

71 5.3 3.3 4.9#

51 26.0 21.5 32.3

120 22.3 17.8 26.6



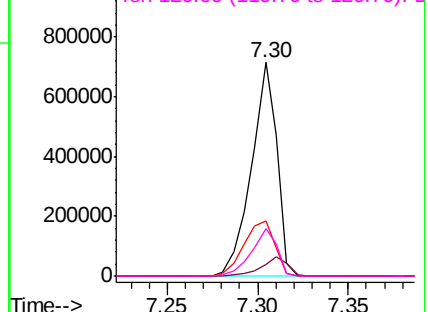
Abundance

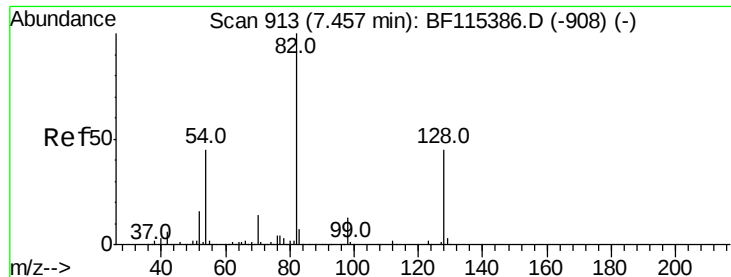
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

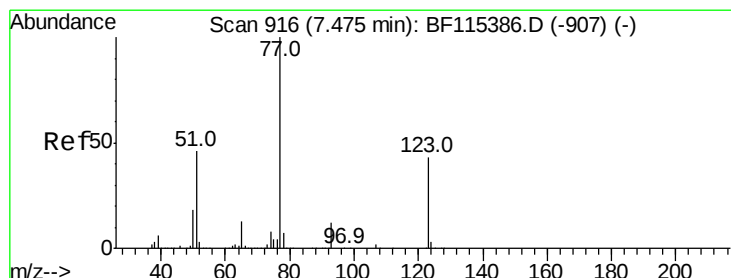
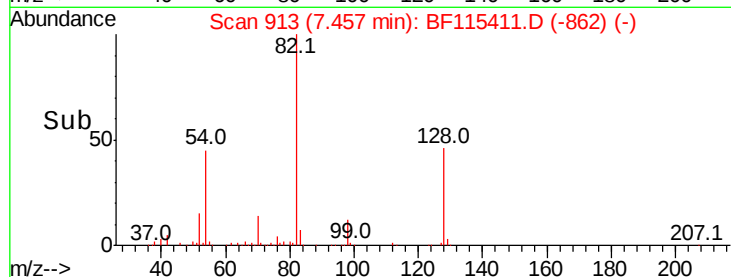
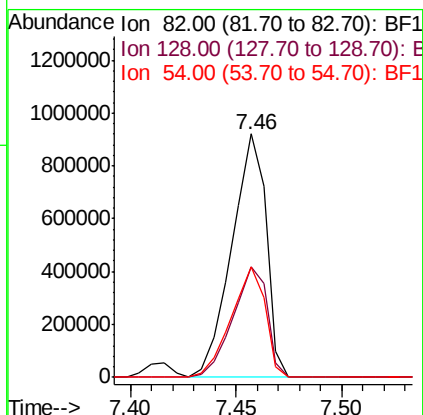
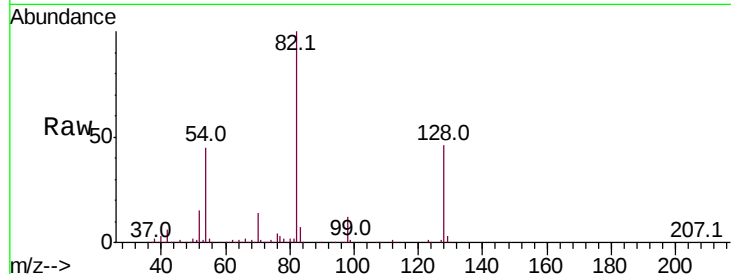




#23
 Nitrobenzene-d5
 Concen: 81.698 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

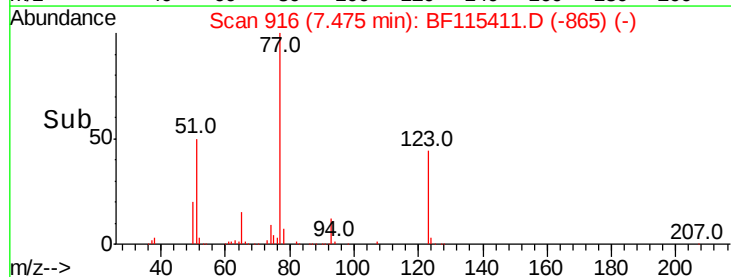
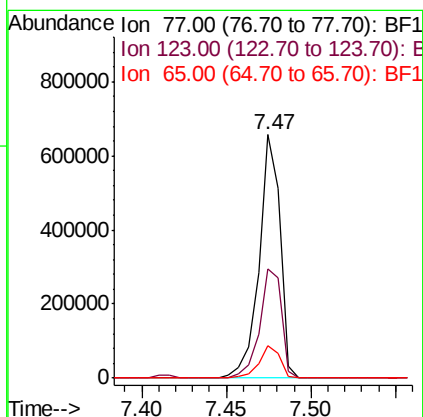
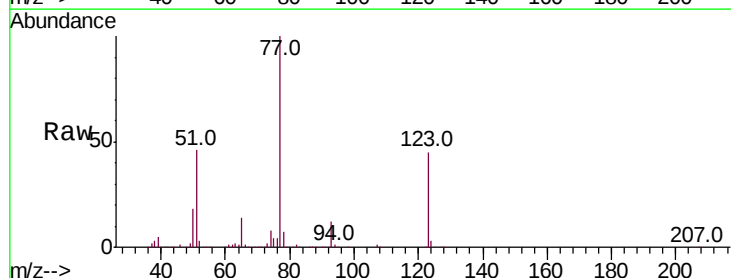
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

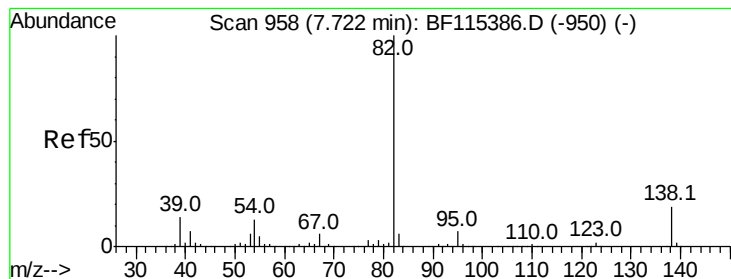
Tot Ion: 82 Resp: 1038049
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.7 53.5
 54 45.3 36.3 54.5



#24
 Nitrobenzene
 Concen: 39.610 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Tgt Ion: 77 Resp: 568375
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.0 52.6
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 37.373 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

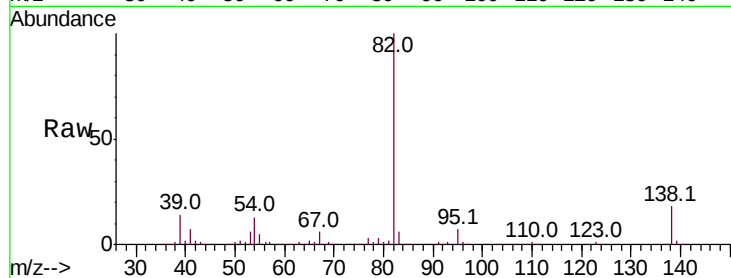
Tot Ion: 82 Resp: 1029270

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

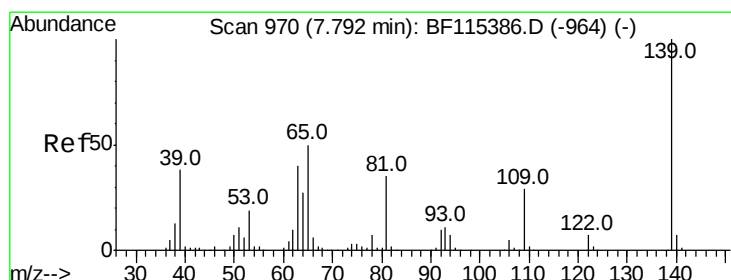
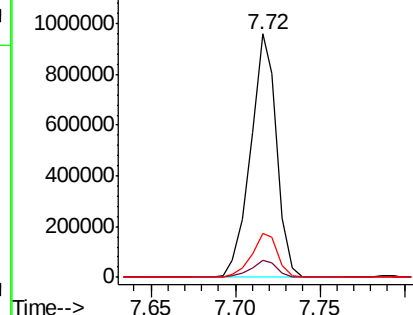
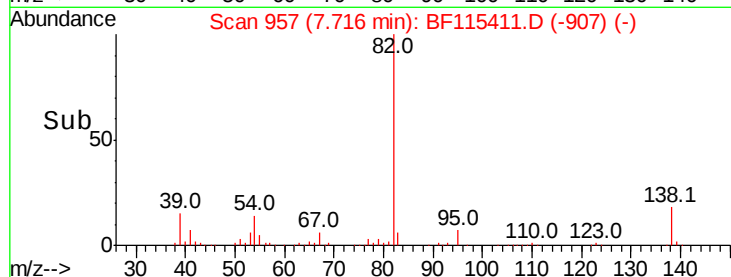
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.993 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

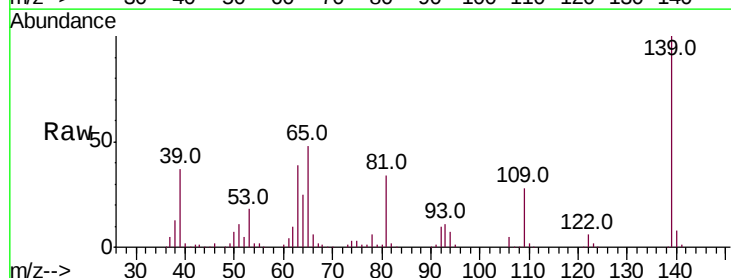
Tgt Ion:139 Resp: 271329

Ion Ratio Lower Upper

139 100

109 28.5 22.9 34.3

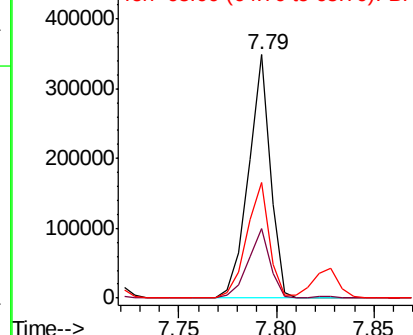
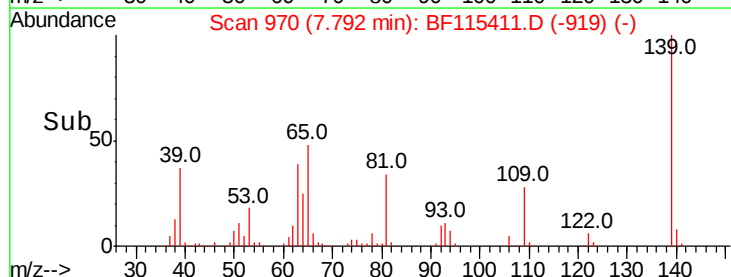
65 47.5 40.2 60.4

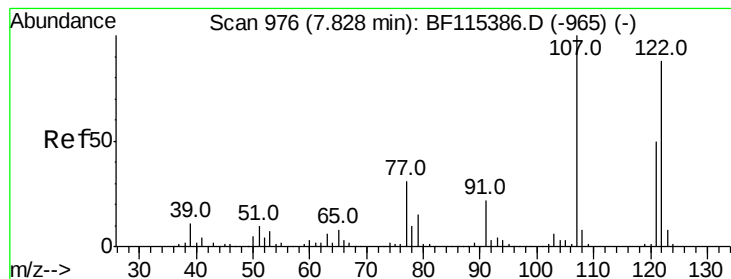


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.127 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

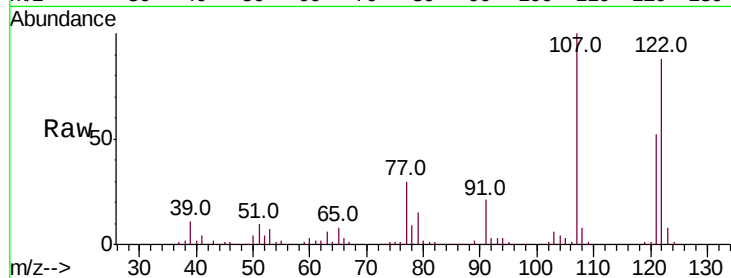
Tot Ion:122 Resp: 417646

Ion Ratio Lower Upper

122 100

107 113.5 91.0 136.6

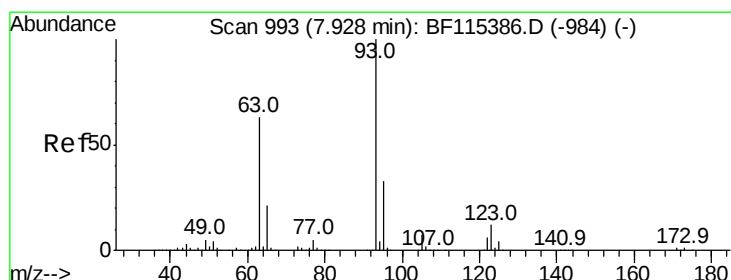
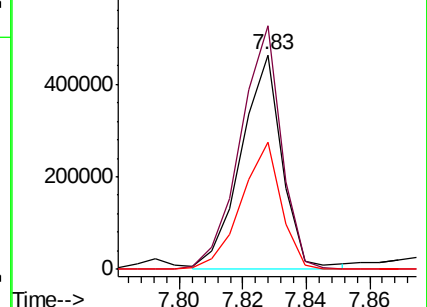
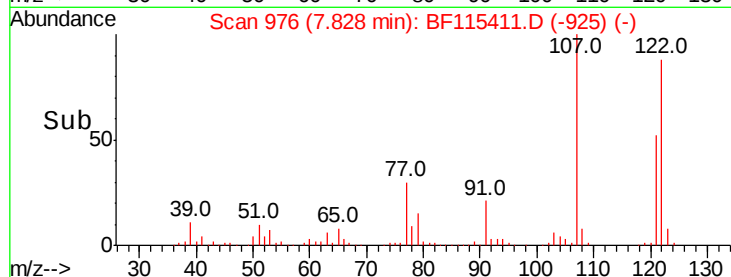
121 59.0 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.187 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

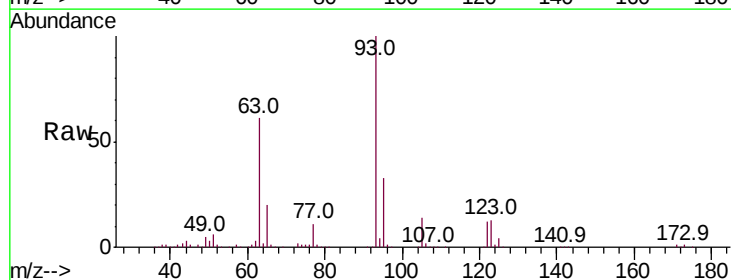
Tgt Ion: 93 Resp: 648504

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

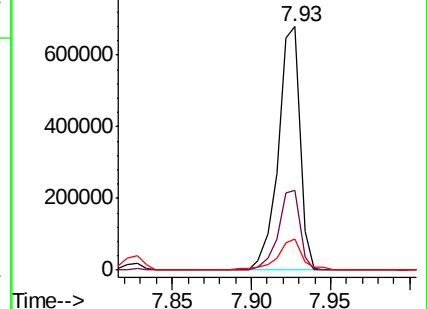
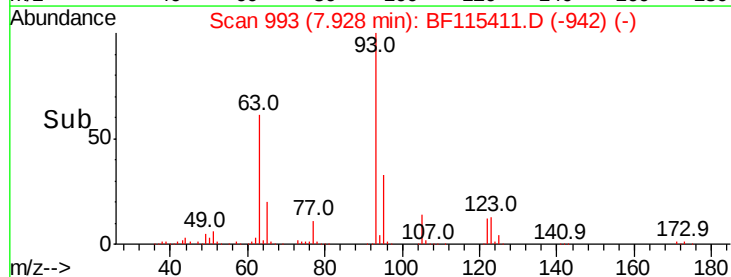
123 13.0 10.0 15.0

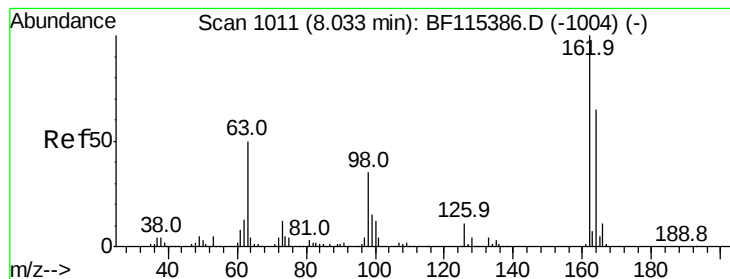


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.296 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

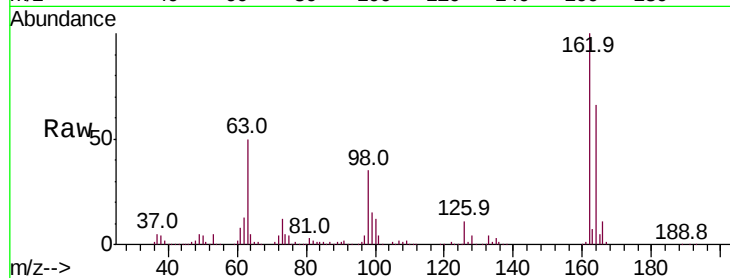
Tot Ion:162 Resp: 440285

Ion Ratio Lower Upper

162 100

164 65.7 44.6 84.6

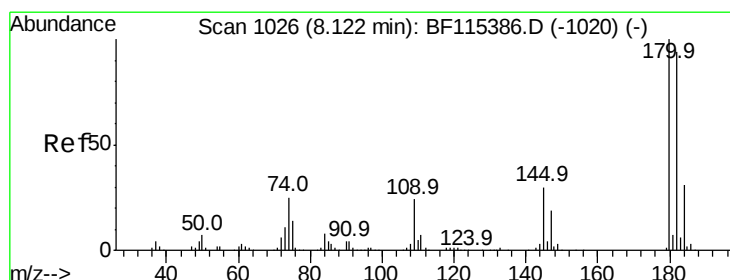
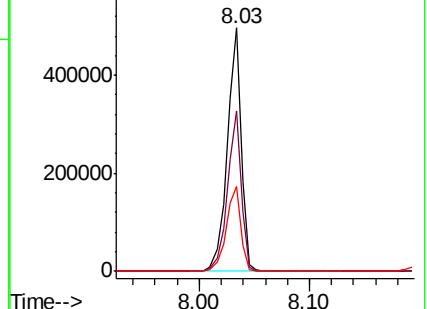
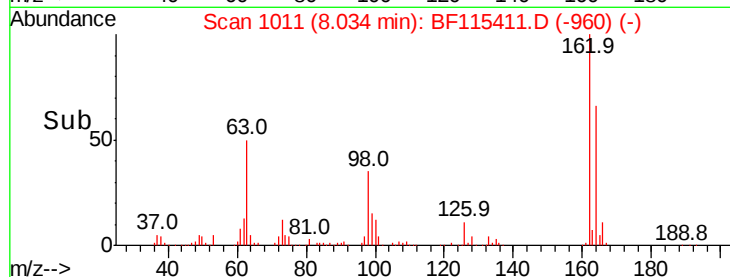
98 35.1 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.204 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

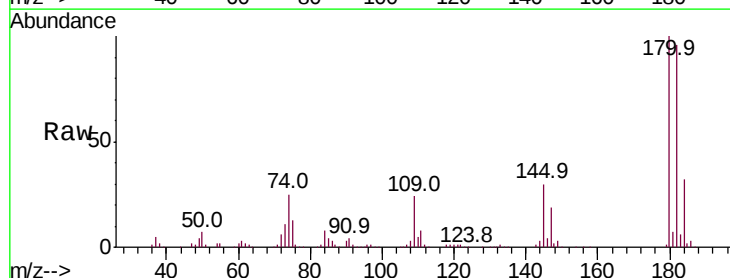
Tgt Ion:180 Resp: 489000

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

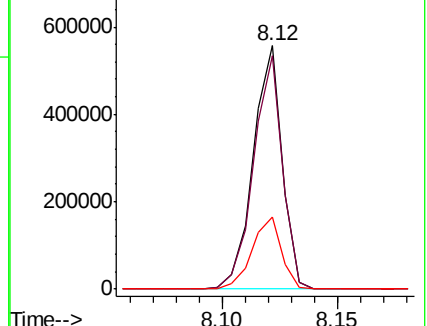
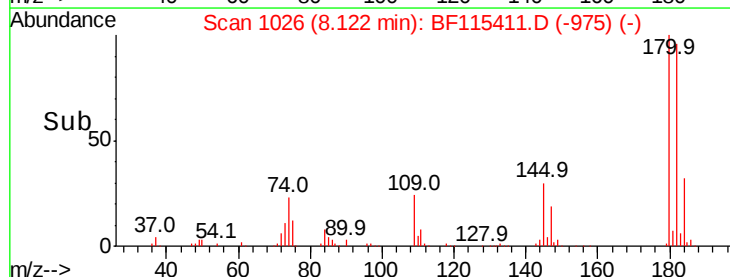
145 29.6 23.8 35.6

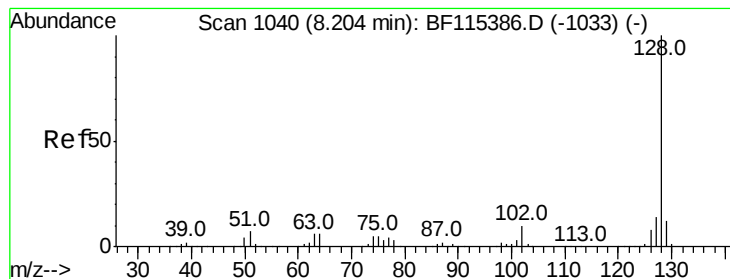


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.117 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

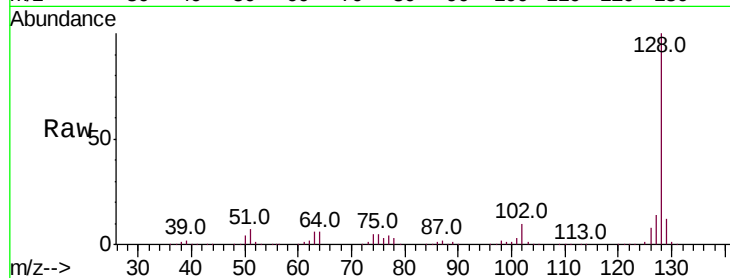
Tot Ion:128 Resp: 1458568

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

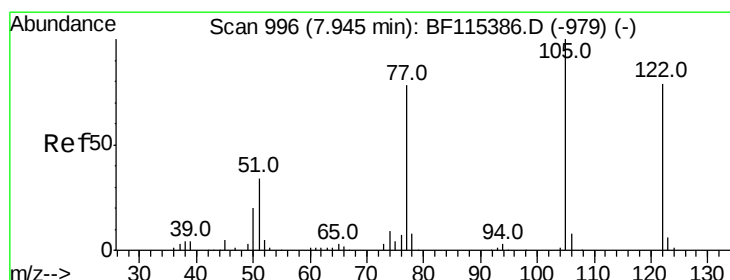
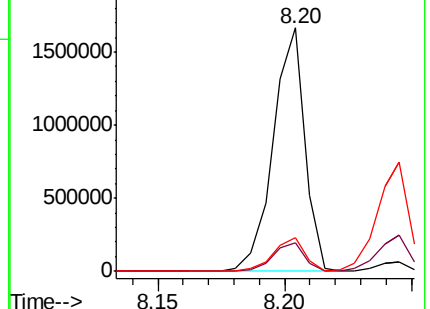
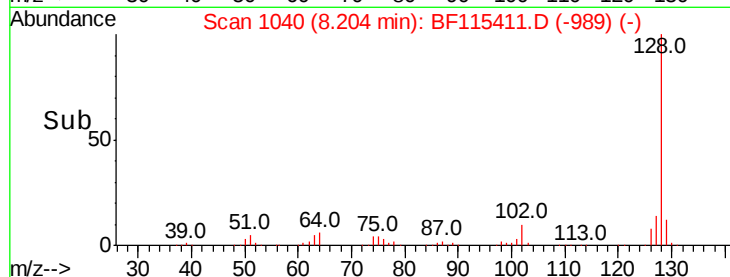
127 14.1 11.2 16.8



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: 38.626 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

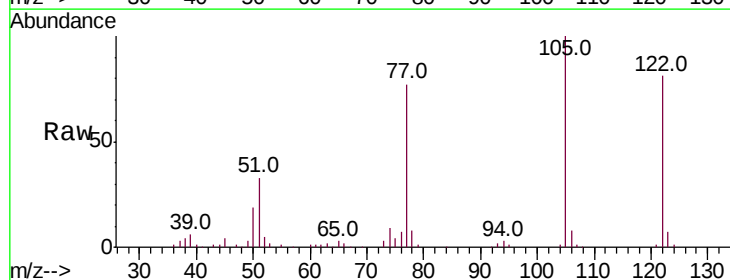
Tgt Ion:122 Resp: 305482

Ion Ratio Lower Upper

122 100

105 122.8 105.1 145.1

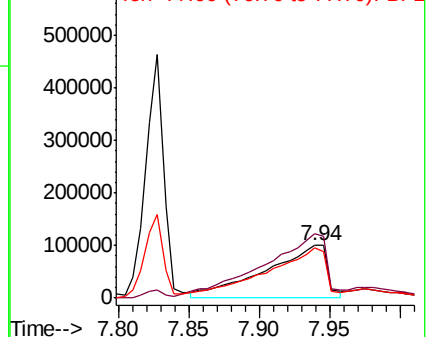
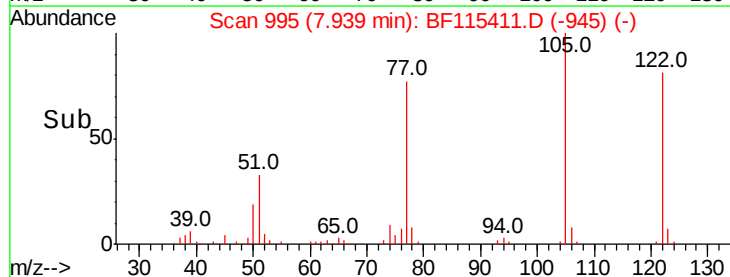
77 94.2 77.8 117.8

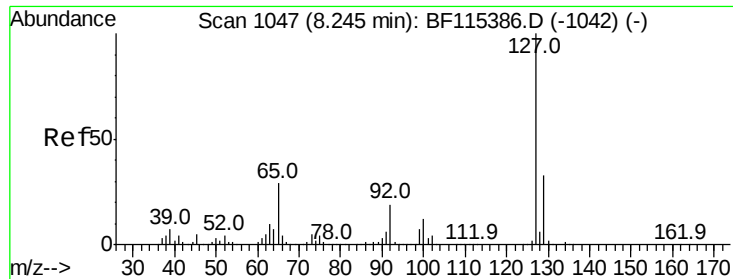


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

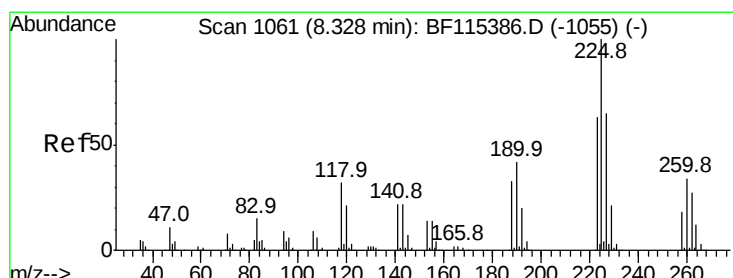
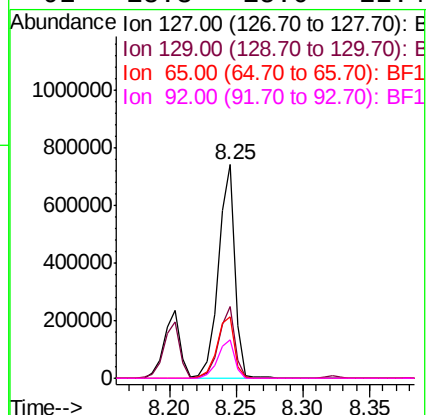
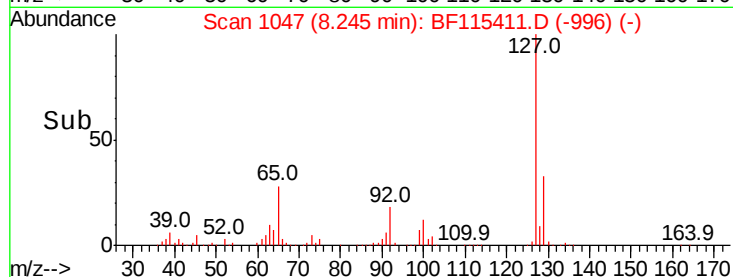
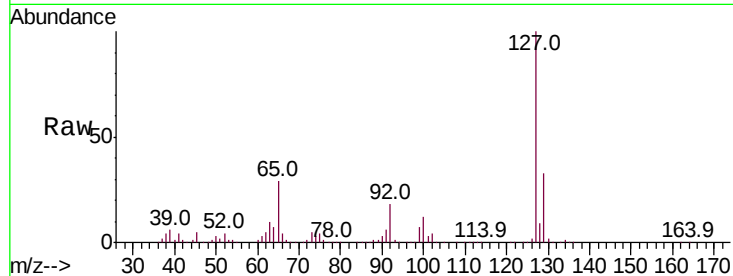




#33
4-Chloroaniline
Concen: 38.787 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

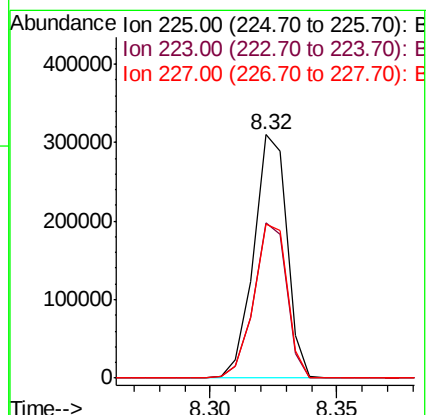
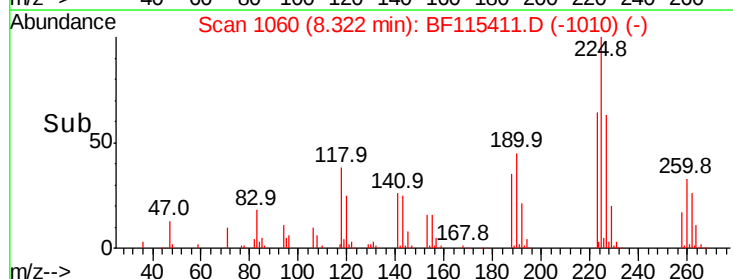
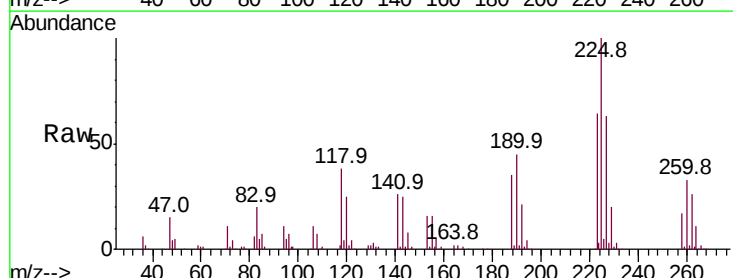
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

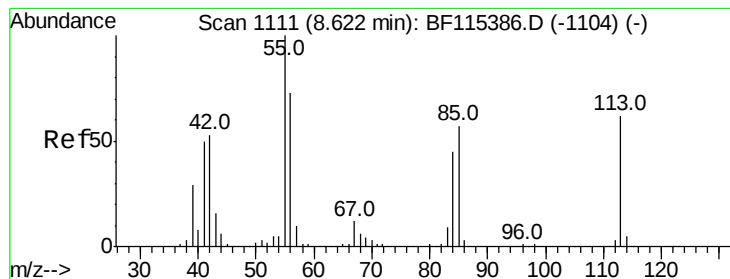
Tot Ion:	127	Resp:	645300
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.5	39.7
65	28.8	23.3	34.9
92	18.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 40.139 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:	225	Resp:	283933
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	63.0	52.1	78.1





#35

Caprolactam

Concen: 38.440 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

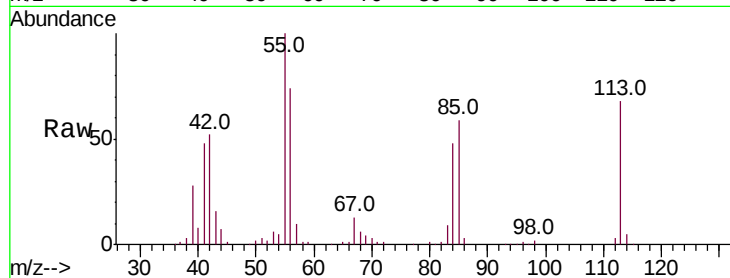
Tot Ion:113 Resp: 140273

Ion Ratio Lower Upper

113 100

55 146.5 141.9 181.9

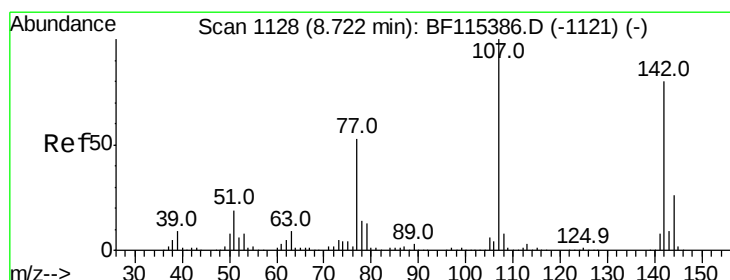
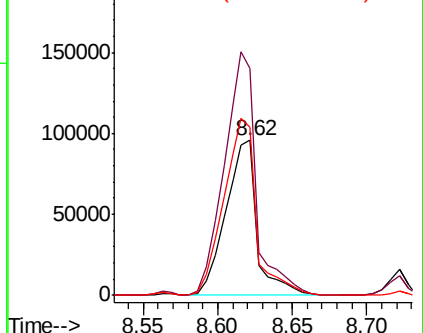
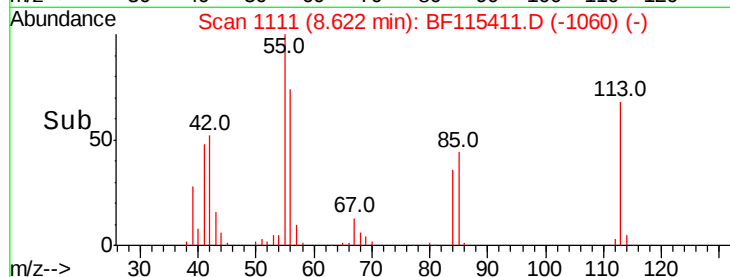
56 108.9 98.7 138.7



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: 39.019 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

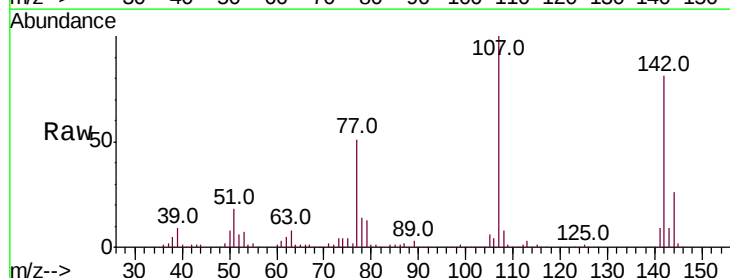
Tgt Ion:107 Resp: 462423

Ion Ratio Lower Upper

107 100

144 25.9 20.8 31.2

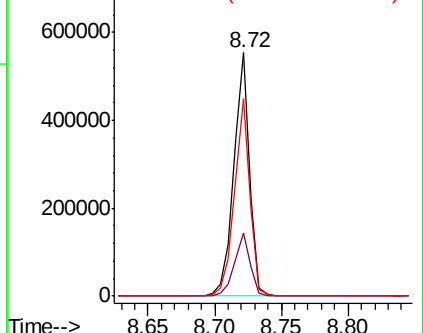
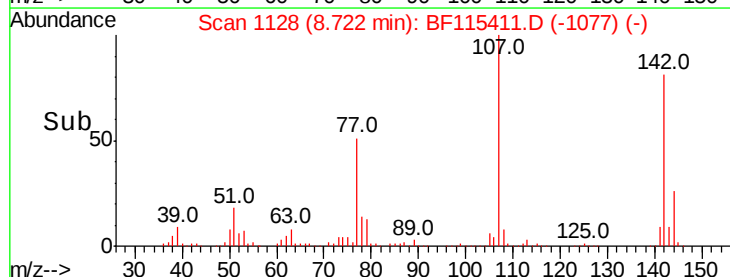
142 81.1 64.0 96.0

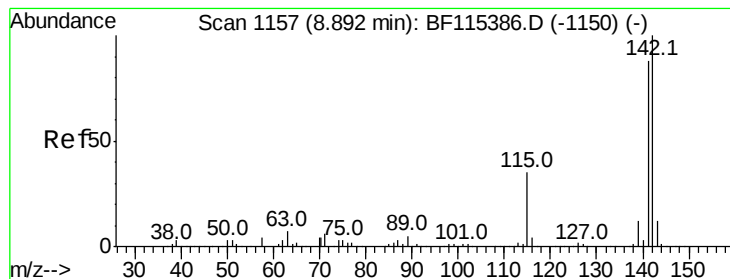


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.234 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

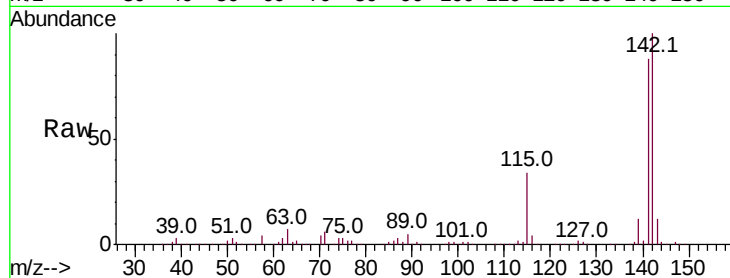
Tot Ion:142 Resp: 977836

Ion Ratio Lower Upper

142 100

141 88.4 70.6 106.0

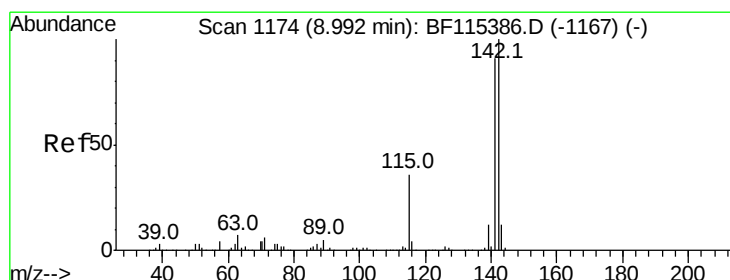
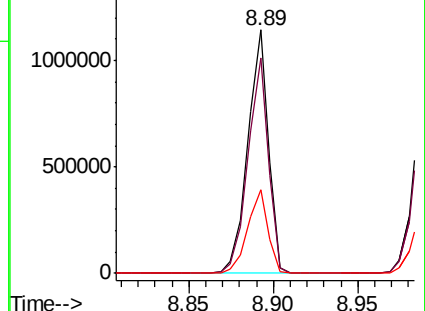
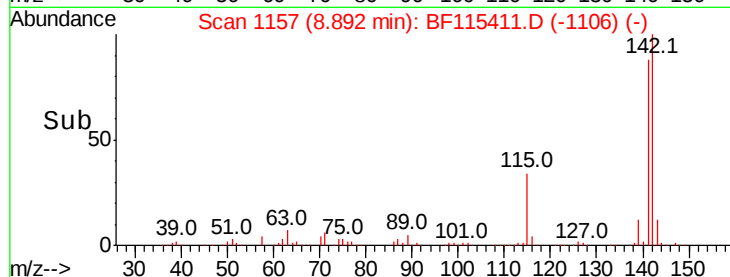
115 34.4 27.8 41.8



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: 39.604 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

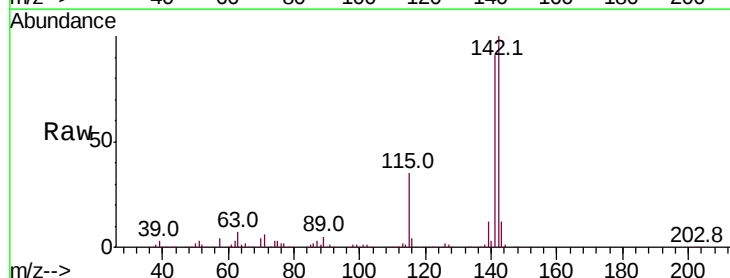
Tgt Ion:142 Resp: 941781

Ion Ratio Lower Upper

142 100

141 91.4 72.7 109.1

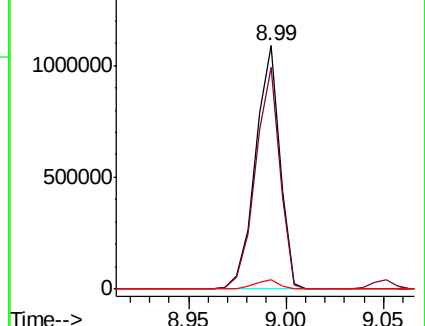
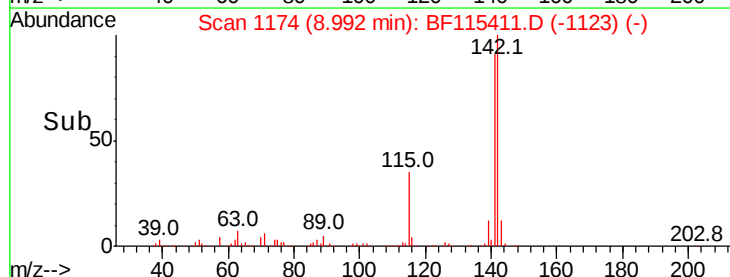
116 3.7 3.0 4.4

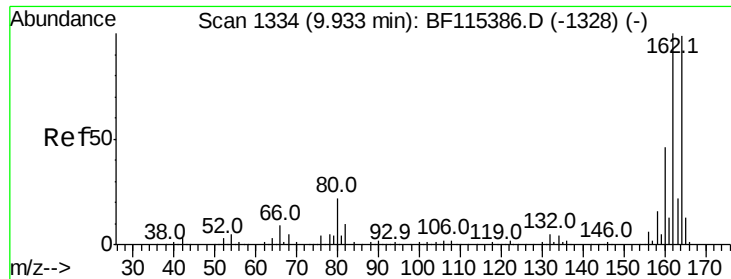


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1334

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

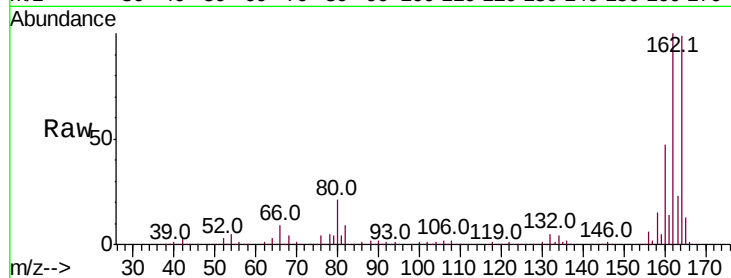
Tot Ion:164 Resp: 377855

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

160 47.0 37.0 55.6

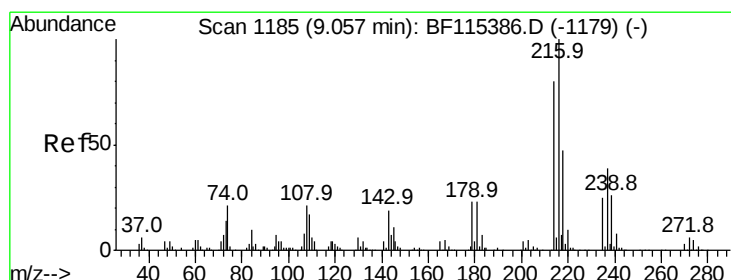
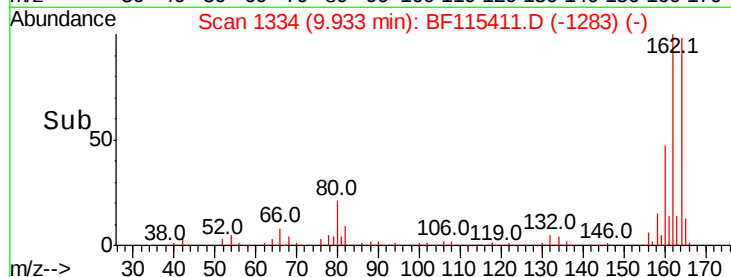
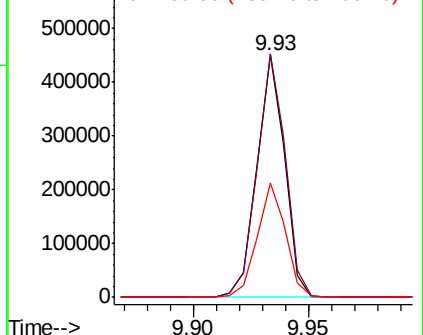


Abundance

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: 40.867 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Tgt Ion:216 Resp: 444237

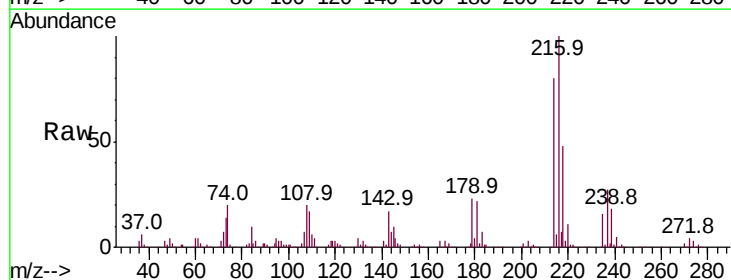
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 22.0 17.8 26.8

108 20.1 16.7 25.1



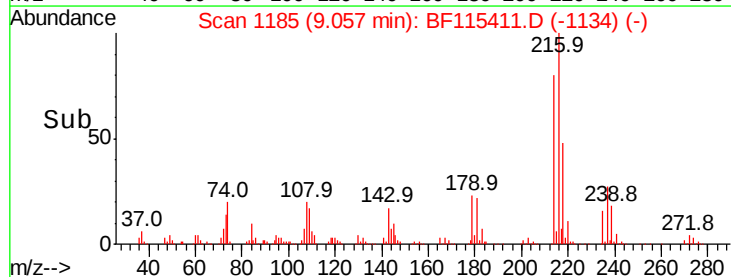
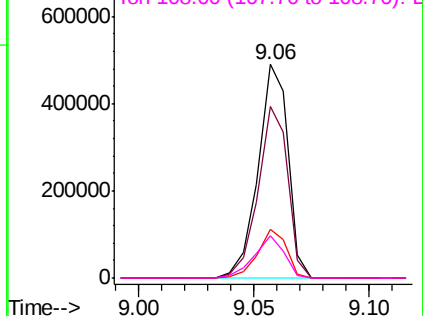
Abundance

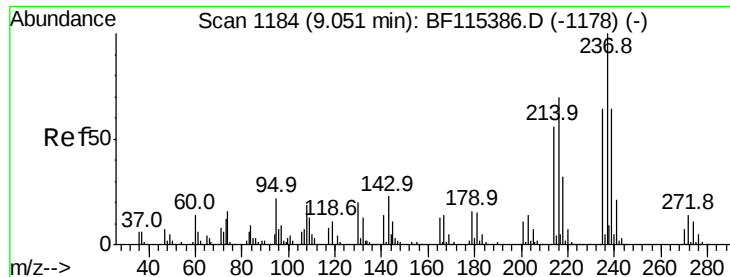
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.296 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

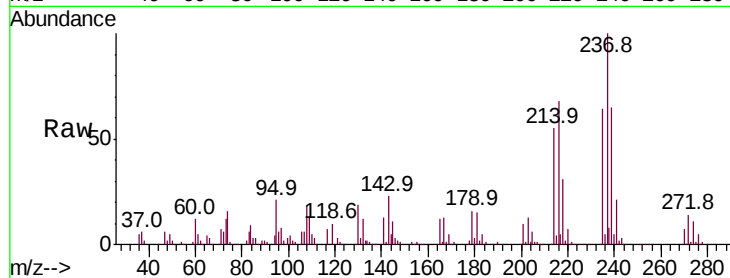
Tot Ion:237 Resp: 253878

Ion Ratio Lower Upper

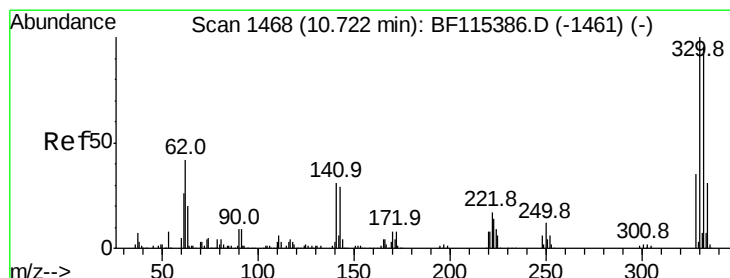
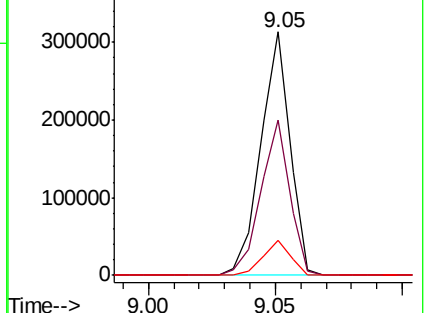
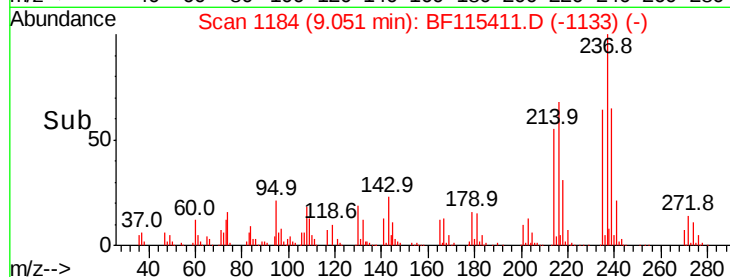
237 100

235 63.6 44.4 84.4

272 14.2 0.0 33.7



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: 83.798 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

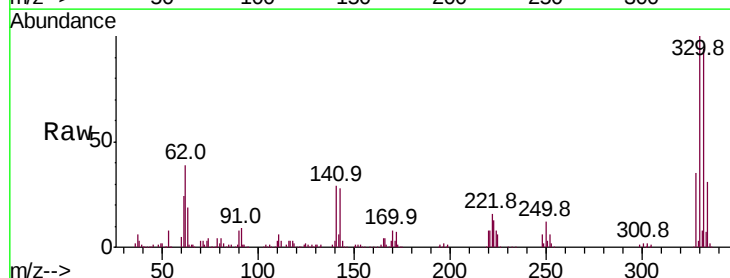
Tgt Ion:330 Resp: 350091

Ion Ratio Lower Upper

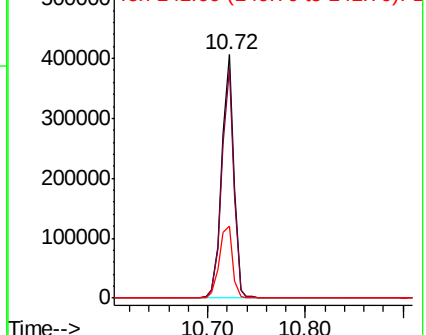
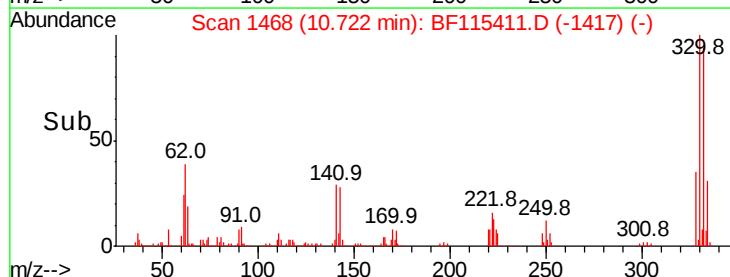
330 100

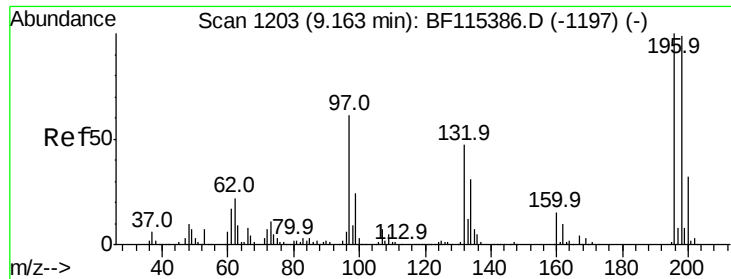
332 94.2 76.3 114.5

141 32.5 27.0 40.4



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

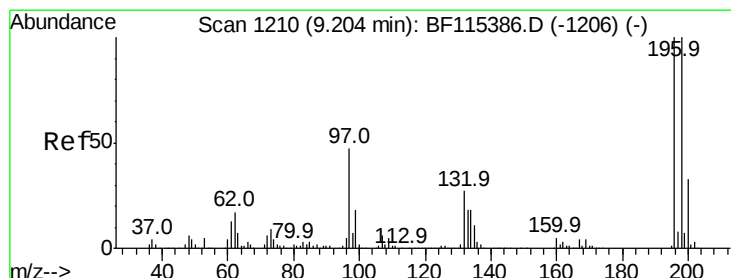
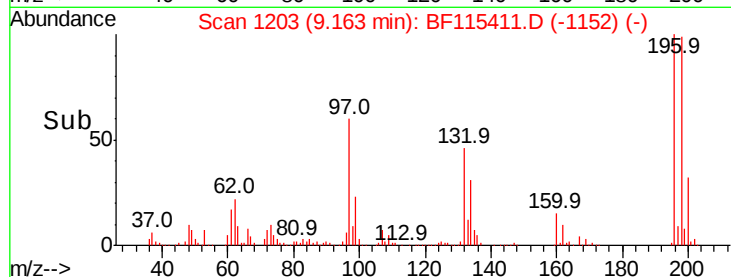
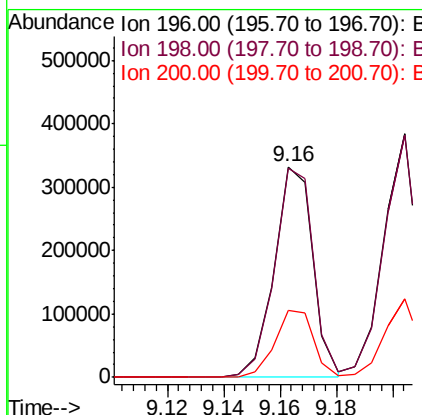
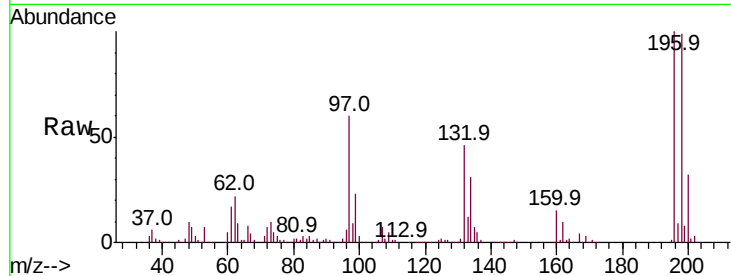




#43
 2,4,6-Trichlorophenol
 Concen: 39.794 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

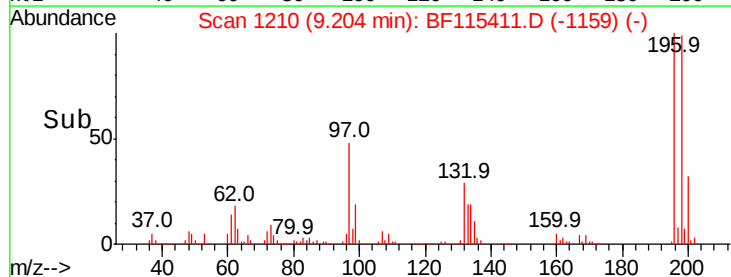
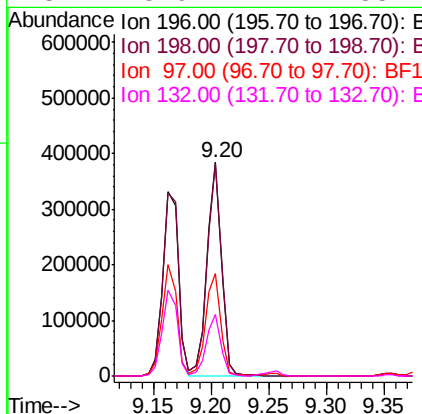
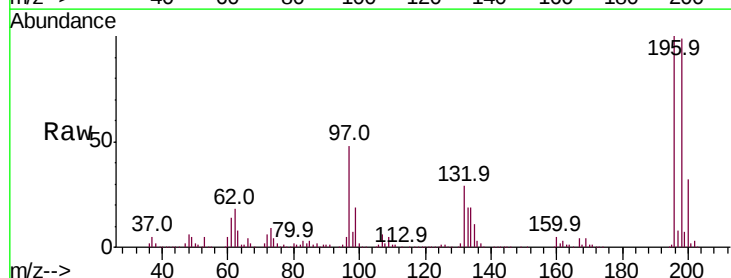
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

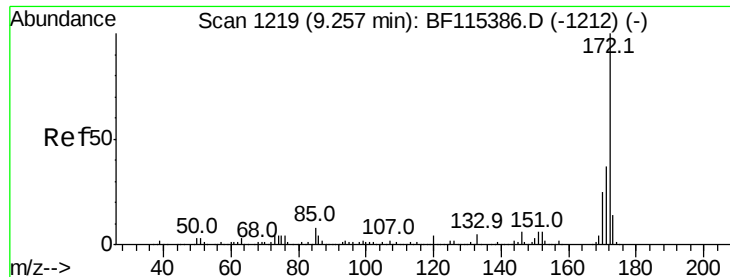
Tot Ion:196 Resp: 314930
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.5 119.3
 200 31.6 25.8 38.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.949 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Tgt Ion:196 Resp: 336037
 Ion Ratio Lower Upper
 196 100
 198 99.3 80.3 120.5
 97 47.7 38.3 57.5
 132 28.9 22.2 33.2

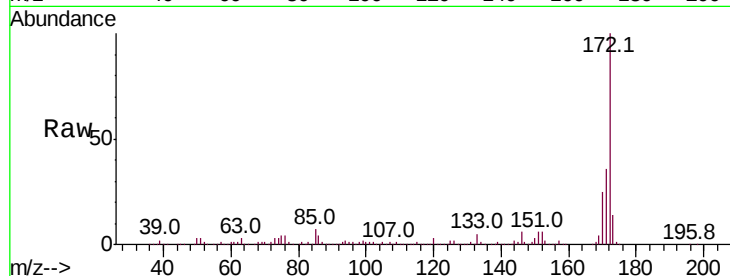




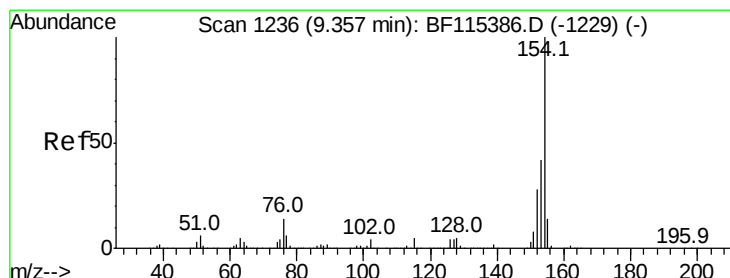
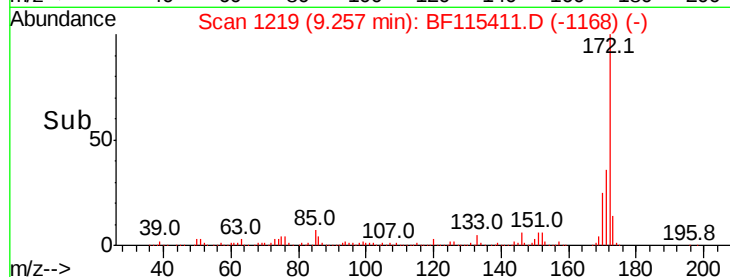
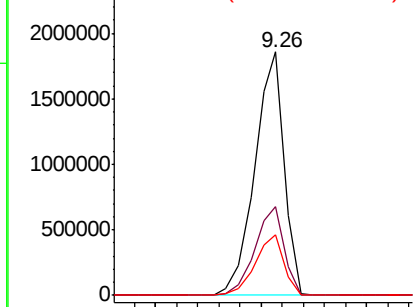
#45
2-Fluorobiphenyl
Concen: 83.119 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1789824
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.8
170 24.8 20.2 30.4

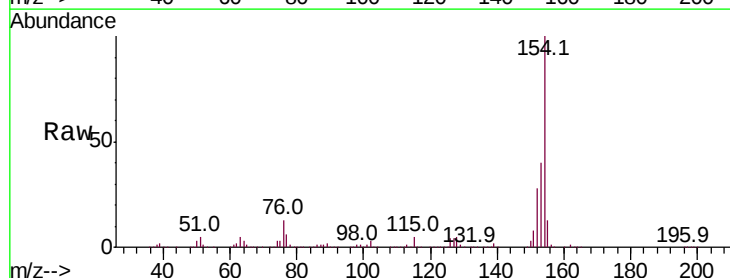


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

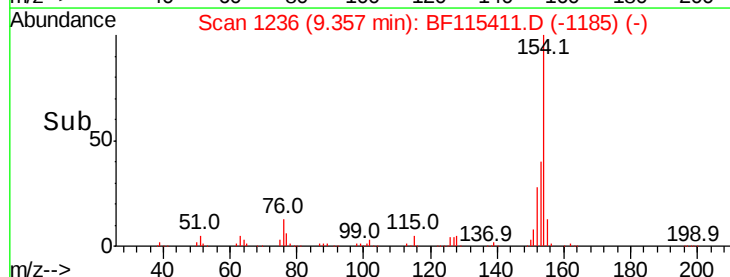
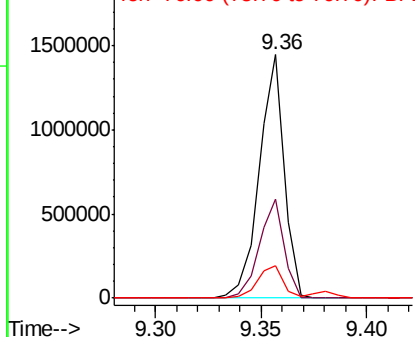


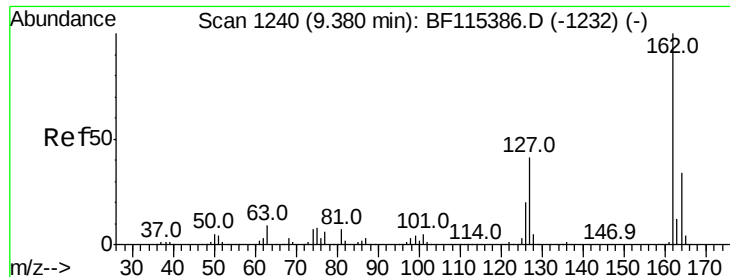
#46
1,1'-Biphenyl
Concen: 39.858 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:154 Resp: 1183990
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 13.2 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

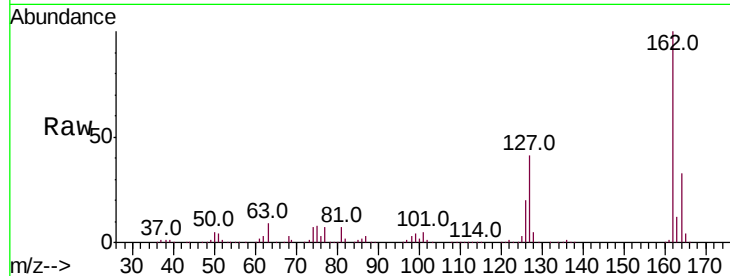




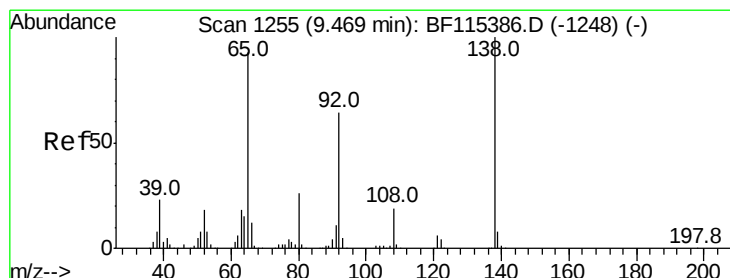
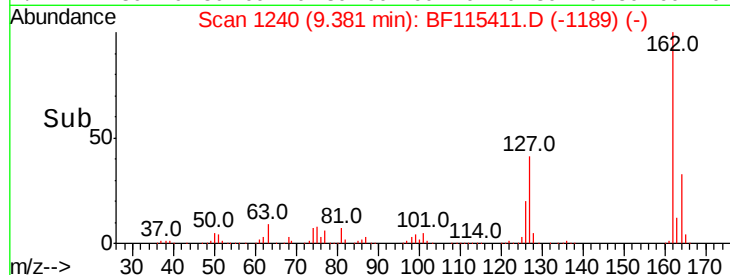
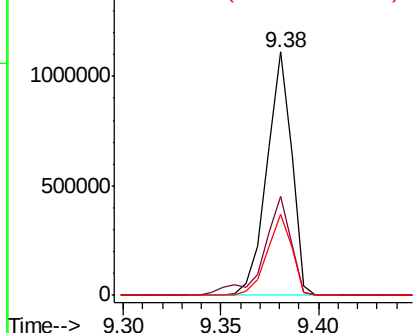
#47
2-Chloronaphthalene
Concen: 39.825 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 977723
Ion Ratio Lower Upper
162 100
127 40.9 32.8 49.2
164 33.3 27.0 40.6

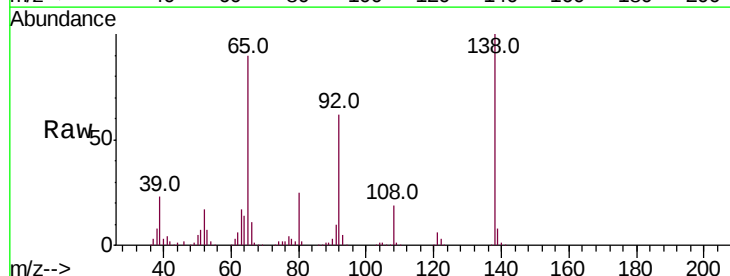


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

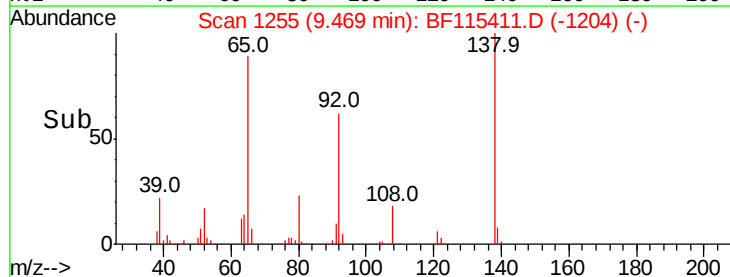
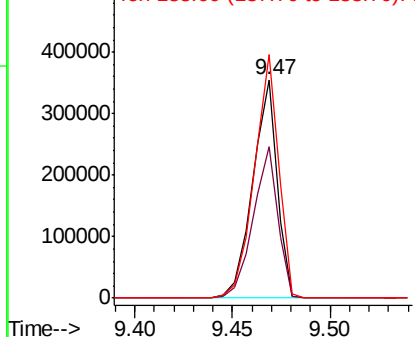


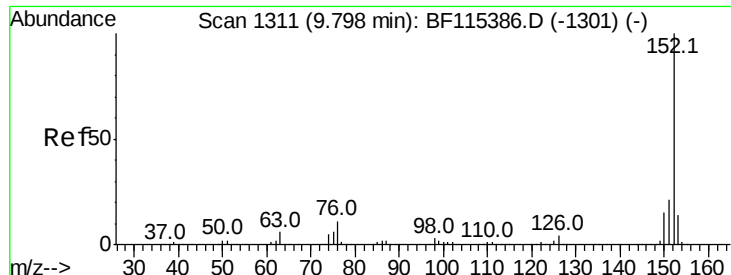
#48
2-Nitroaniline
Concen: 42.818 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion: 65 Resp: 308844
Ion Ratio Lower Upper
65 100
92 69.3 55.4 83.0
138 111.6 85.8 128.8



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





#49

Acenaphthylene

Concen: 39.104 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

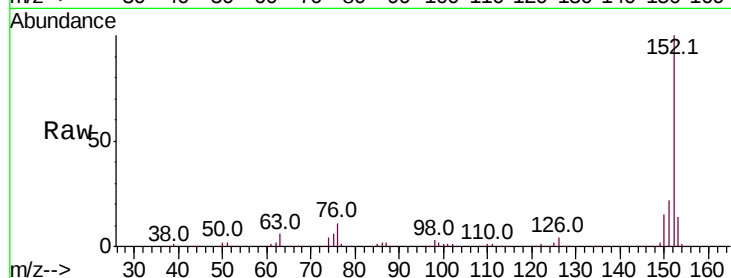
Tot Ion:152 Resp: 1453543

Ion Ratio Lower Upper

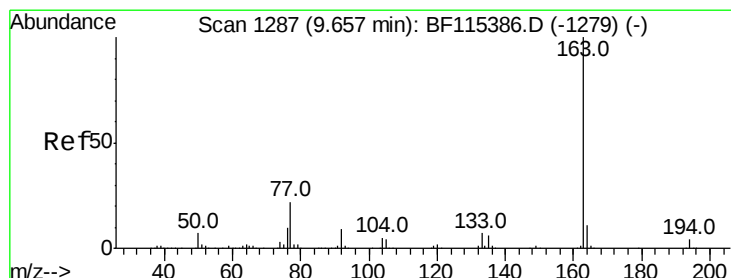
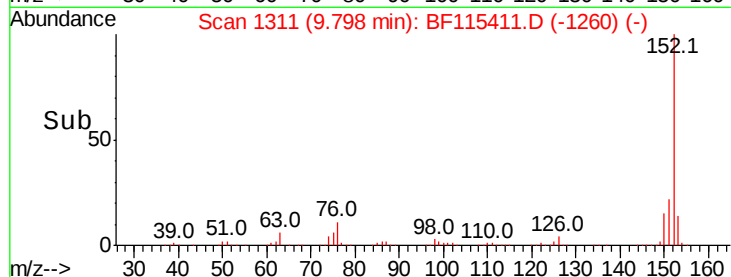
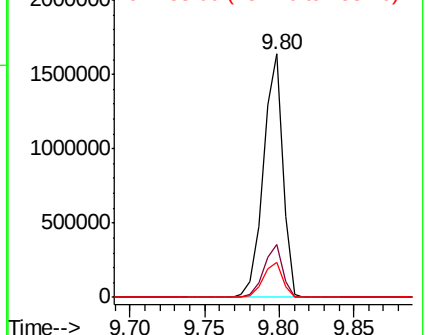
152 100

151 21.6 17.0 25.4

153 14.3 11.4 17.2



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



#50

Dimethylphthalate

Concen: 39.142 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

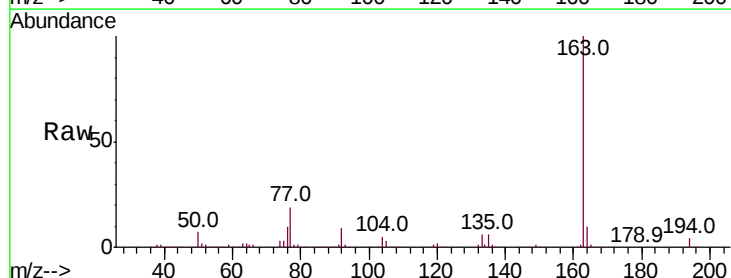
Tgt Ion:163 Resp: 1110088

Ion Ratio Lower Upper

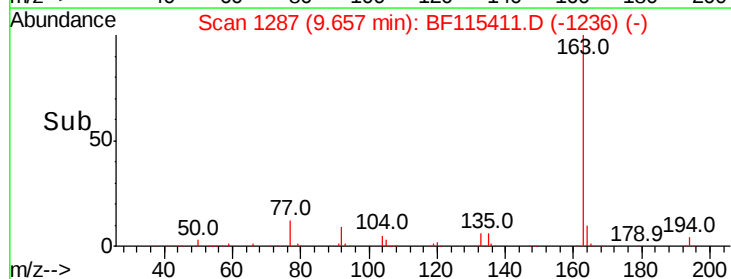
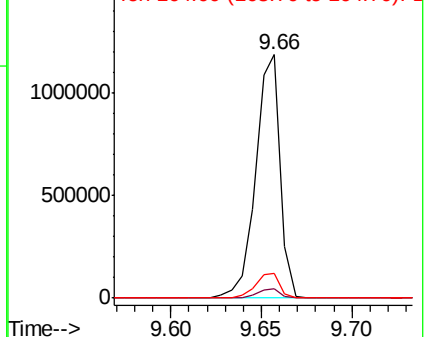
163 100

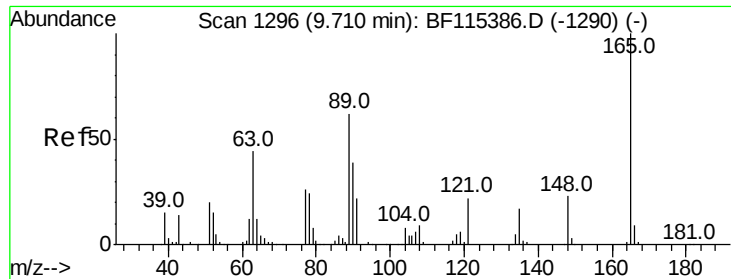
194 4.1 3.2 4.8

164 10.2 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

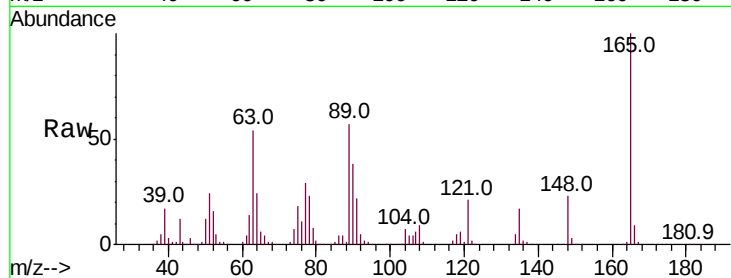




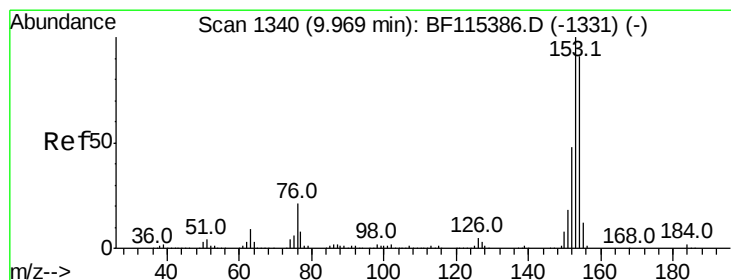
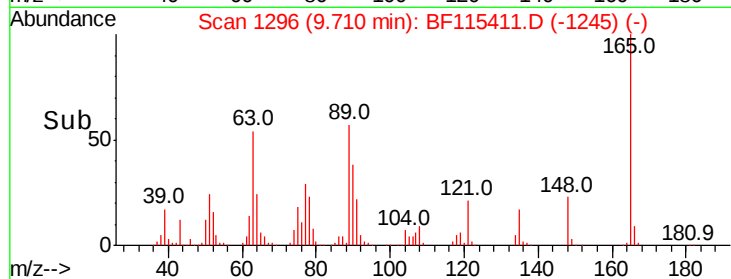
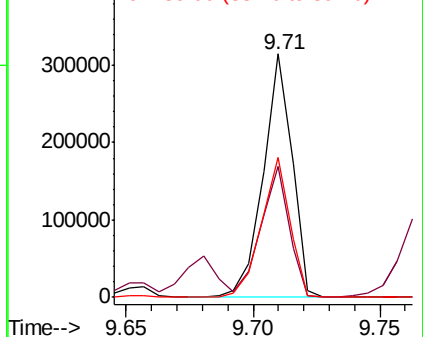
#51
2,6-Dinitrotoluene
Concen: 40.897 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 251550
Ion Ratio Lower Upper
165 100
63 54.0 45.8 68.6
89 57.3 49.9 74.9

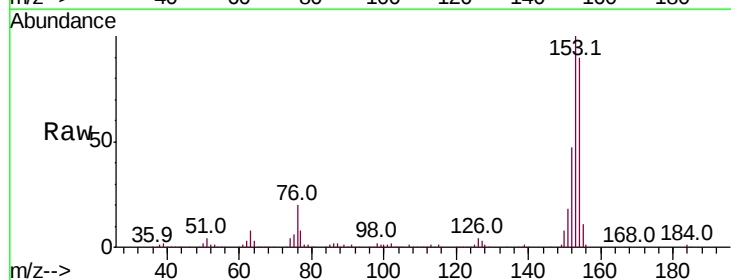


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

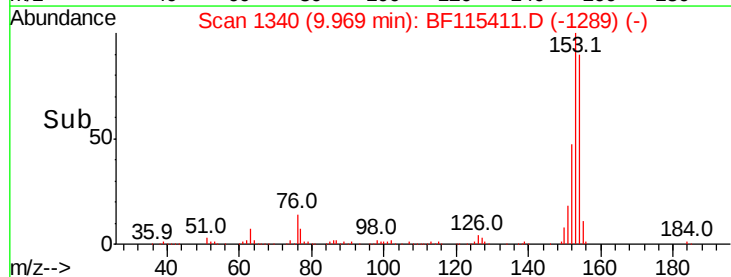
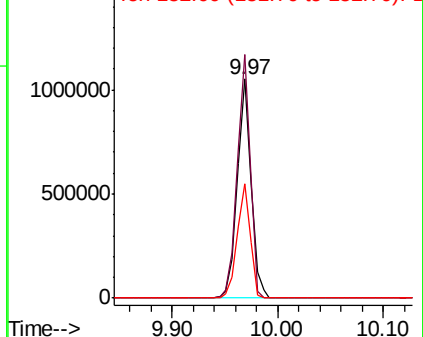


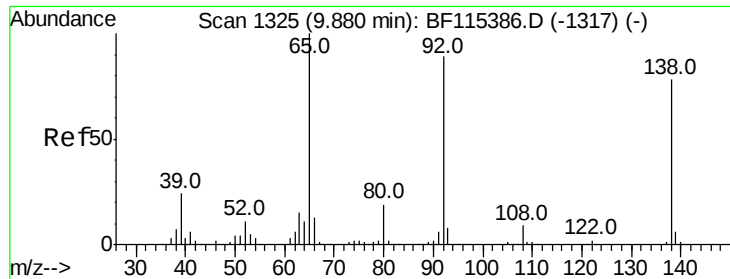
#52
Acenaphthene
Concen: 40.003 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:154 Resp: 935814
Ion Ratio Lower Upper
154 100
153 111.2 87.9 131.9
152 52.2 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

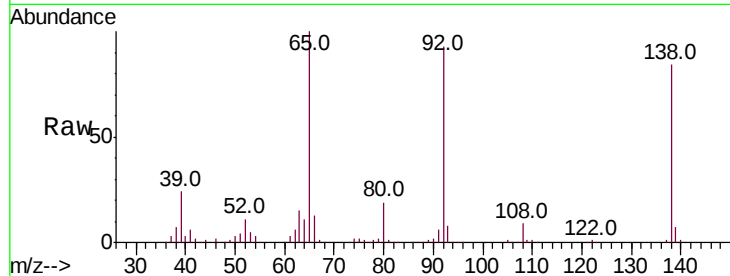




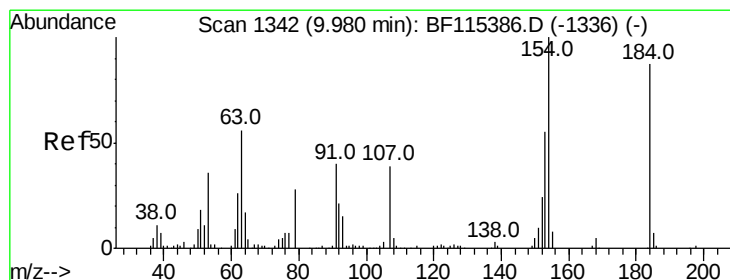
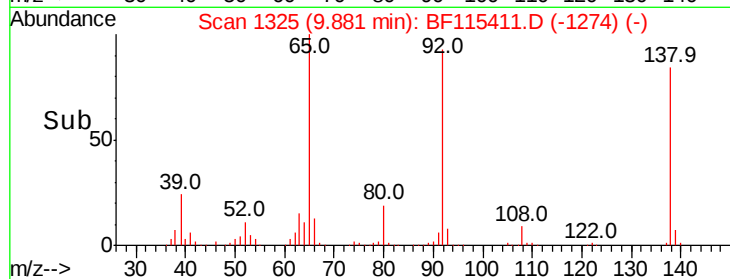
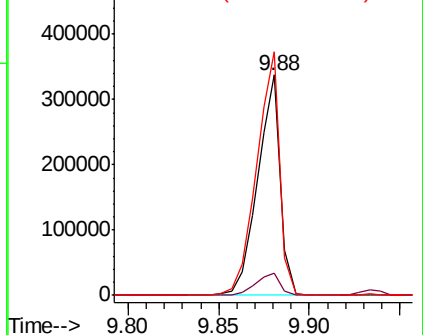
#53
 3-Nitroaniline
 Concen: 40.882 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 292056
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.0 13.4
 92 110.7 90.5 135.7

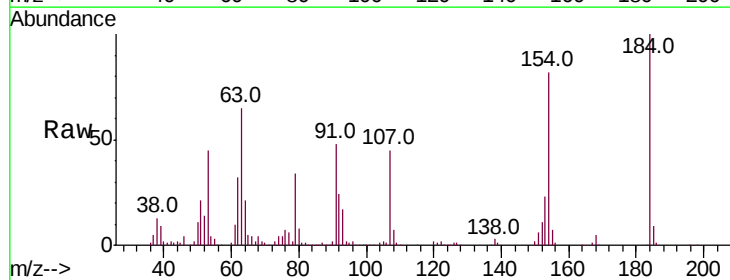


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

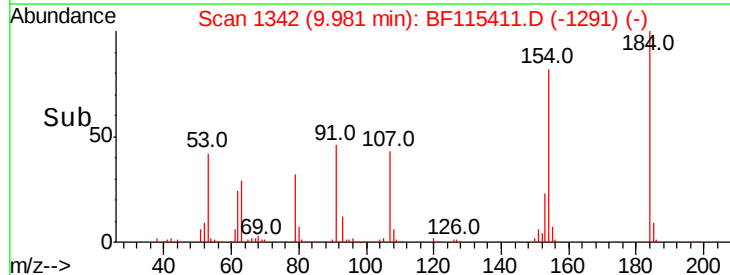
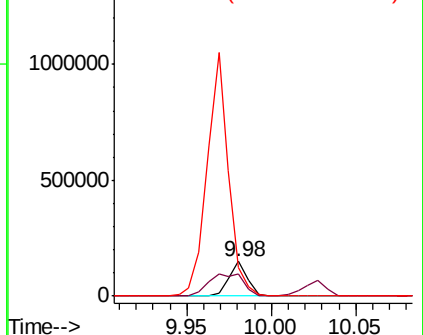


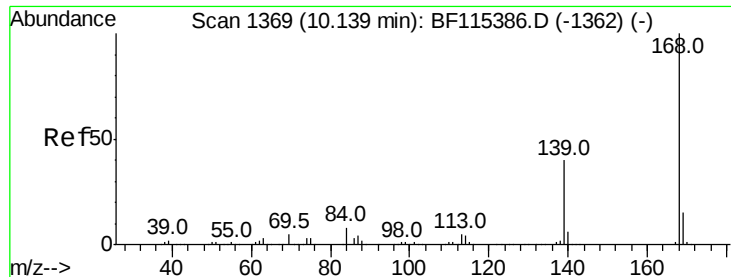
#54
 2,4-Dinitrophenol
 Concen: 46.816 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Tgt Ion:184 Resp: 112130
 Ion Ratio Lower Upper
 184 100
 63 64.6 52.1 78.1
 154 82.1 97.7 146.5#



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

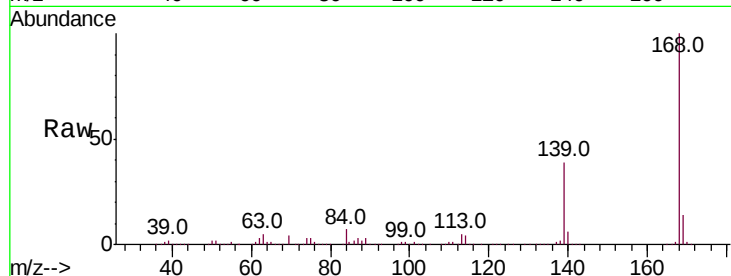




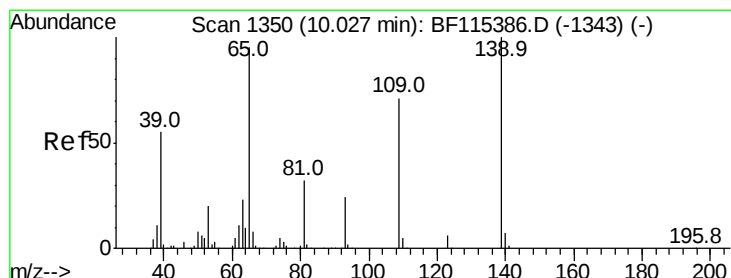
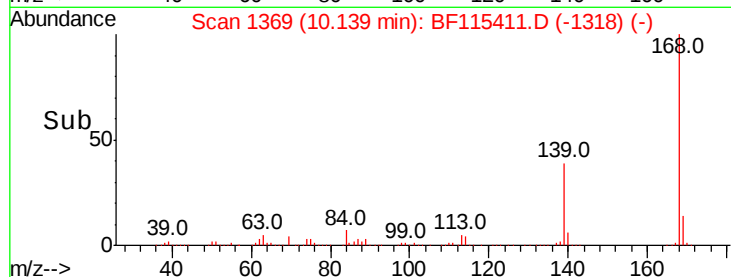
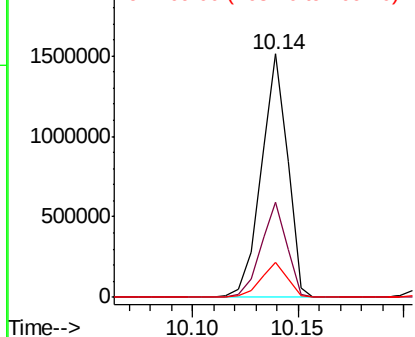
#55
Dibenzofuran
Concen: 39.665 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1307087
Ion Ratio Lower Upper
168 100
139 39.0 32.2 48.2
169 14.1 11.7 17.5

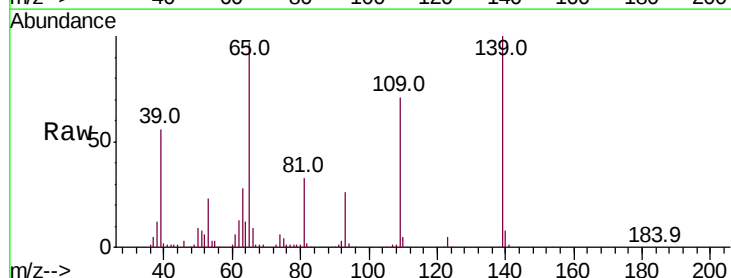


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

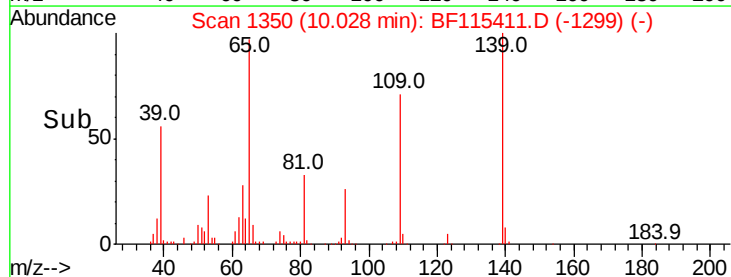
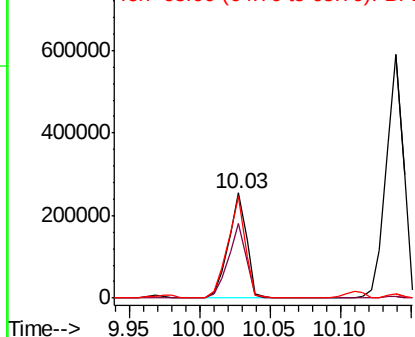


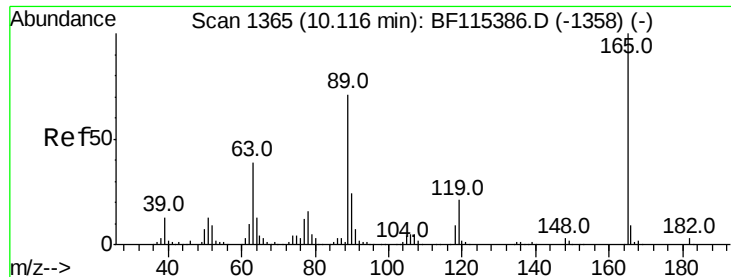
#56
4-Nitrophenol
Concen: 41.717 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:139 Resp: 230572
Ion Ratio Lower Upper
139 100
109 70.7 51.1 91.1
65 96.7 75.2 115.2



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

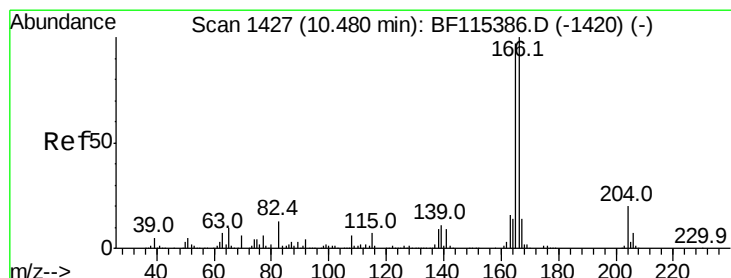
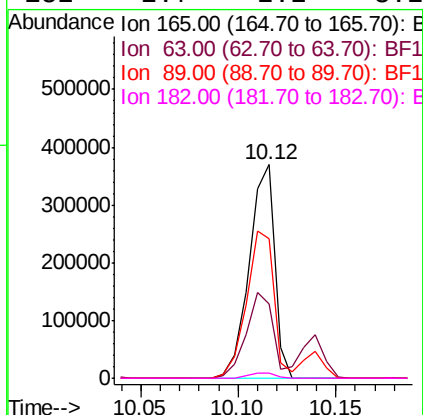
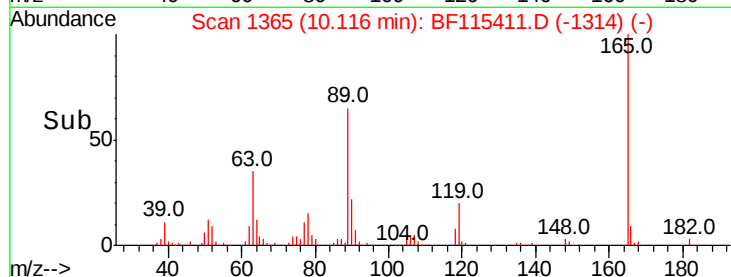
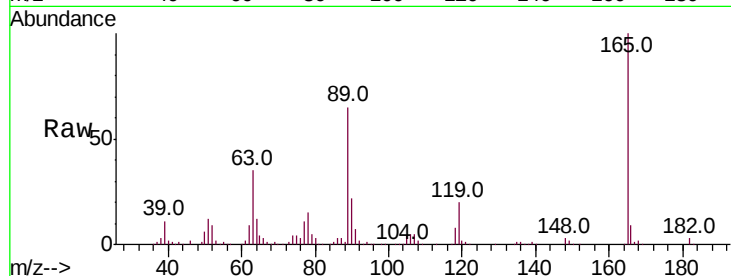




#57
2,4-Dinitrotoluene
Concen: 42.792 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

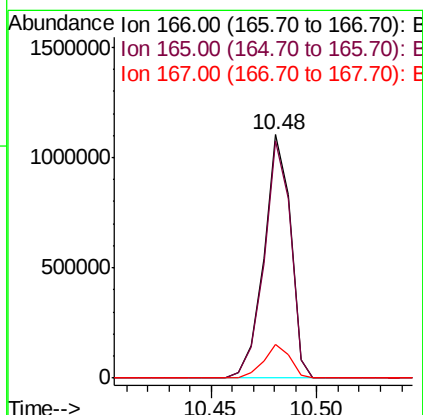
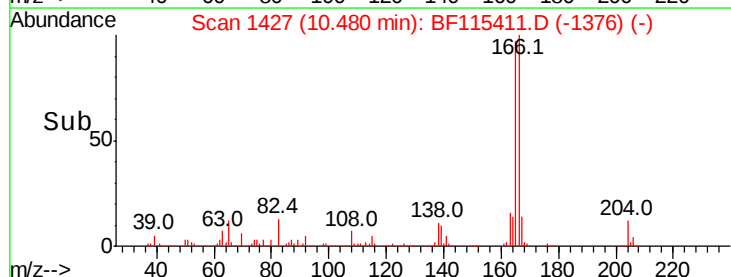
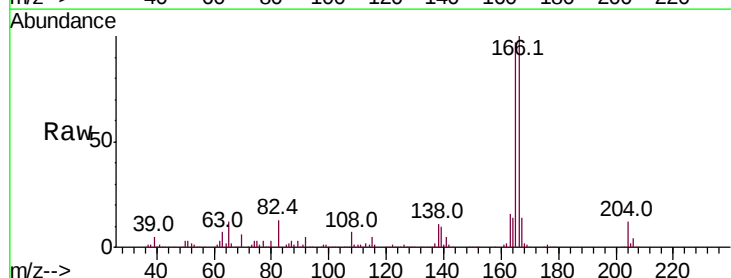
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

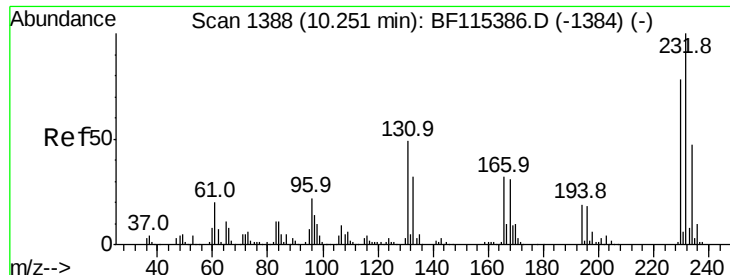
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.9	31.4	47.0
89	65.4	57.1	85.7
182	2.7	2.2	3.2



#58
Fluorene
Concen: 37.216 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.6
167	13.7	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.365 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 286149

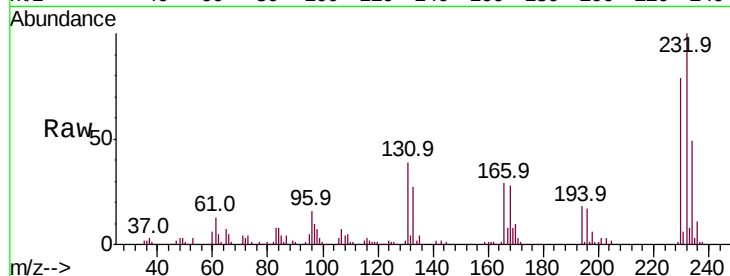
Ion Ratio Lower Upper

232 100

131 45.1 36.6 55.0

130 2.2 1.8 2.8

166 30.8 24.6 36.8

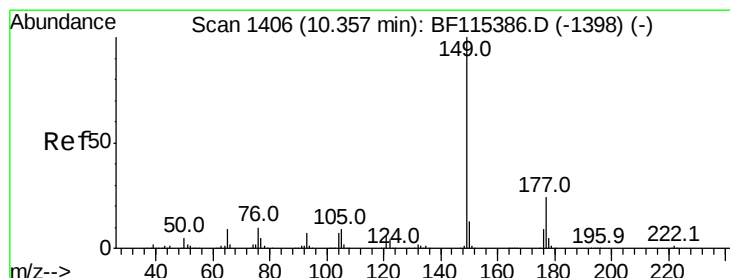
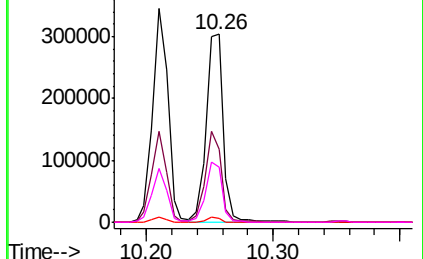
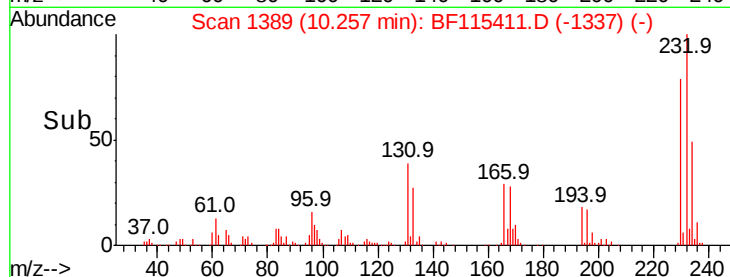


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.568 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

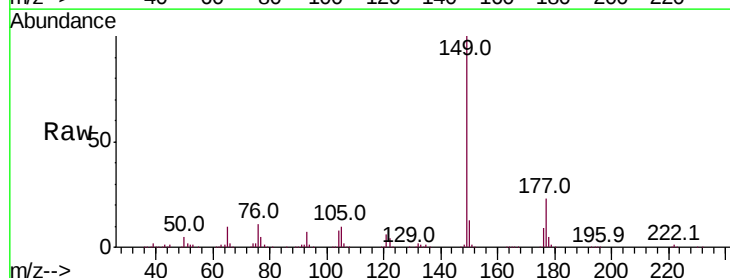
Tgt Ion:149 Resp: 1104543

Ion Ratio Lower Upper

149 100

177 23.0 18.8 28.2

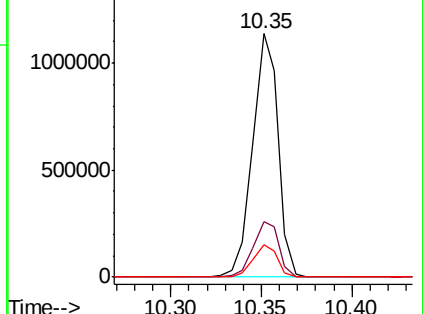
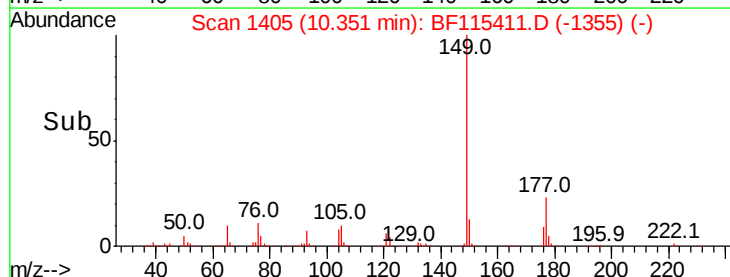
150 13.2 10.2 15.2

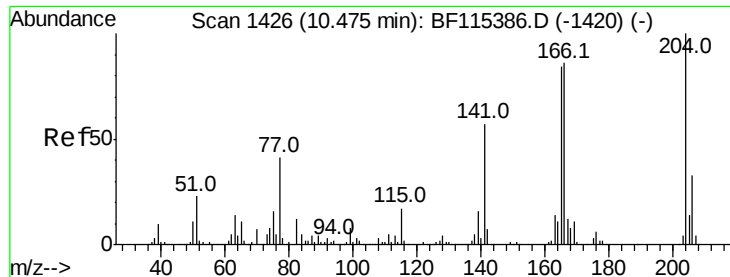


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

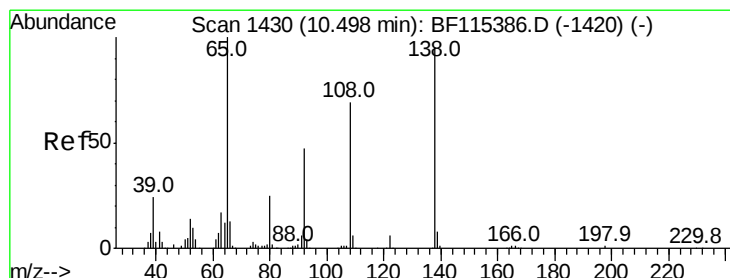
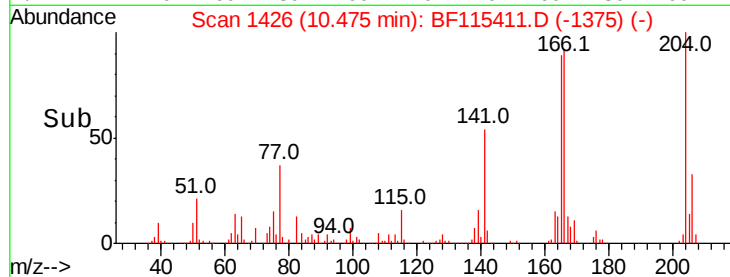
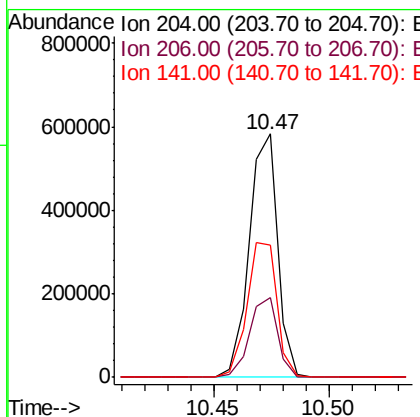
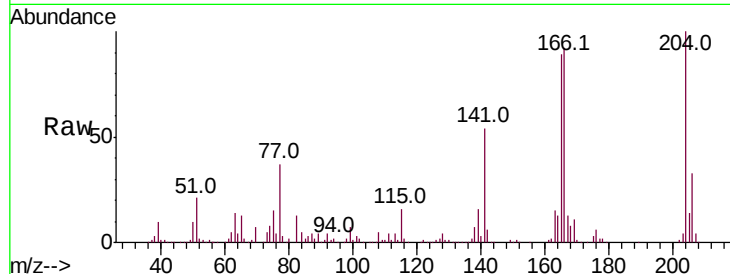




#61
 4-Chlorophenyl-phenylether
 Concen: 39.692 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

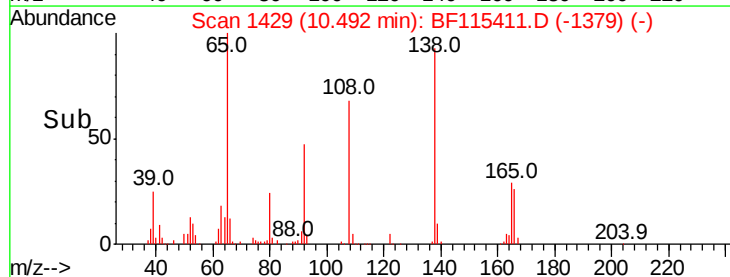
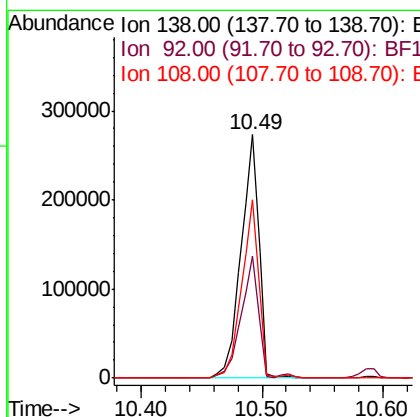
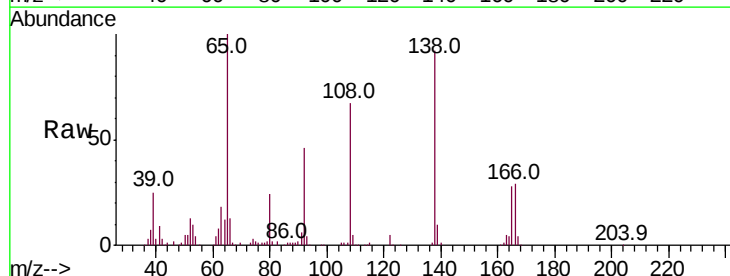
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

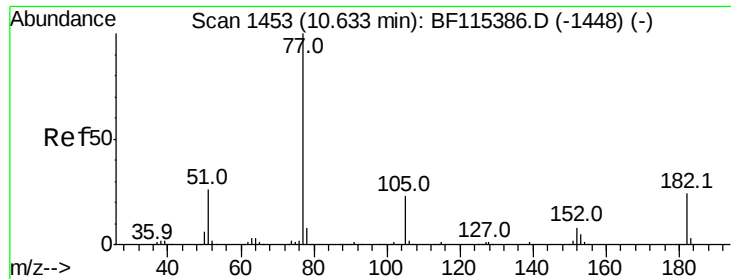
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.1	39.1
141	54.1	45.8	68.6



#62
 4-Nitroaniline
 Concen: 40.482 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	73.4	53.2	93.2





#63

Azobenzene

Concen: 38.496 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1107739

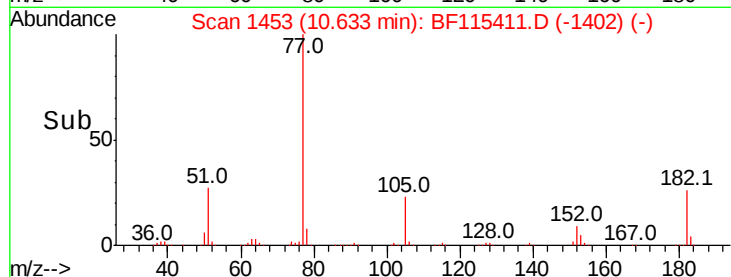
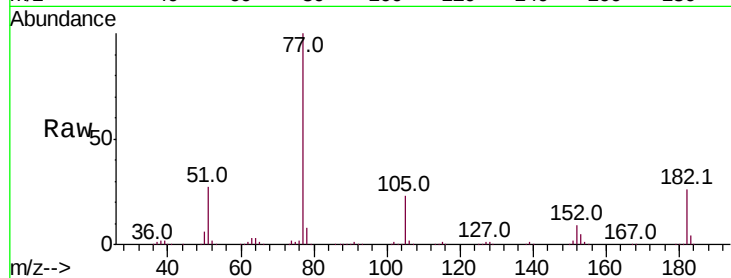
Ion Ratio Lower Upper

77 100

182 26.4 4.1 44.1

105 23.1 2.6 42.6

51 26.6 6.4 46.4

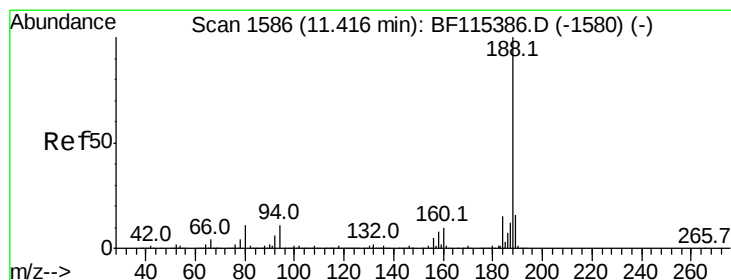
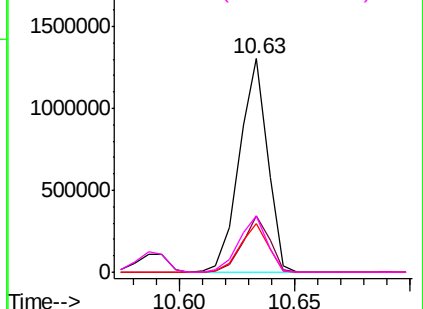


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

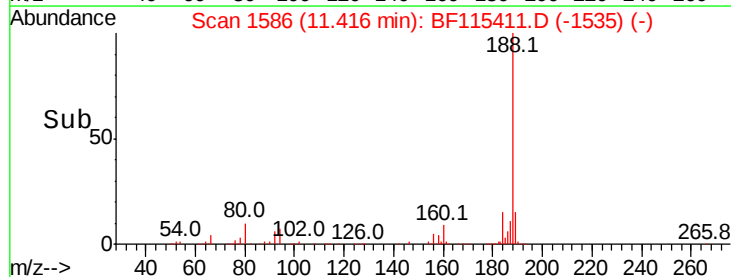
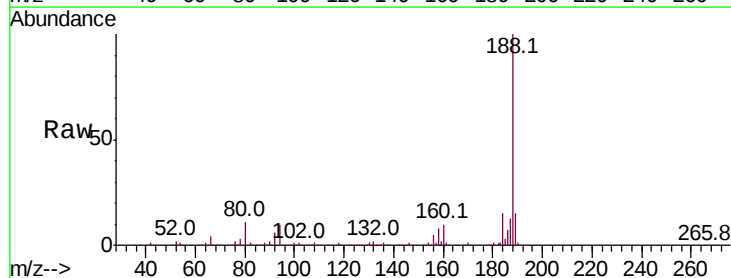
Tgt Ion: 188 Resp: 725608

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

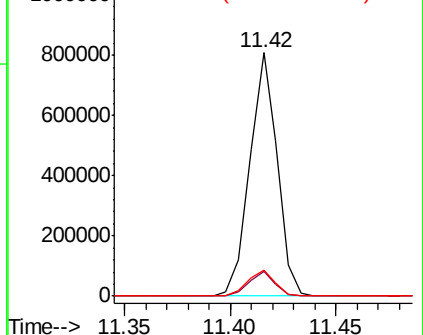
80 10.6 9.1 13.7

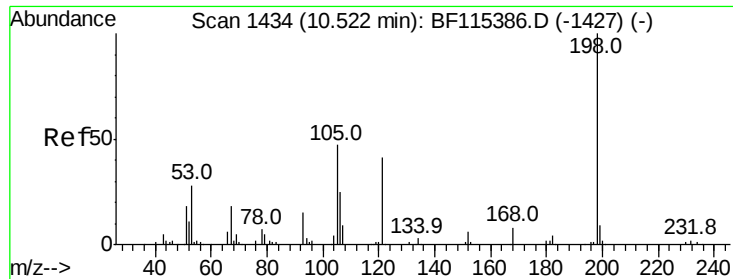


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

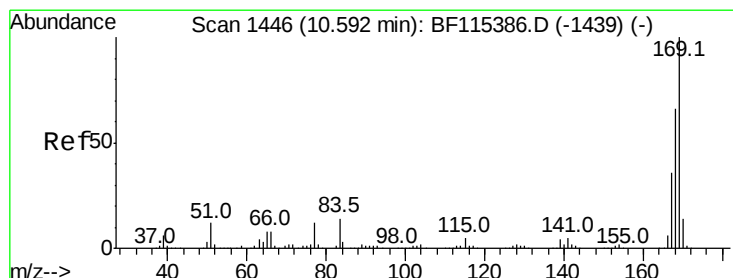
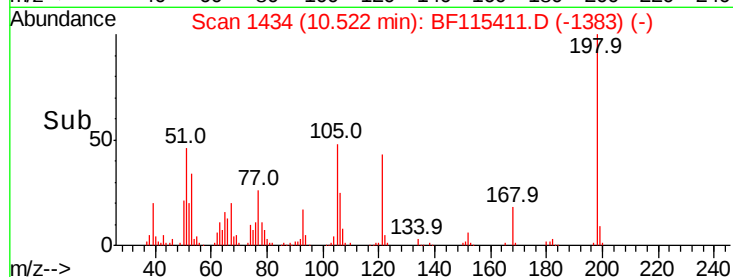
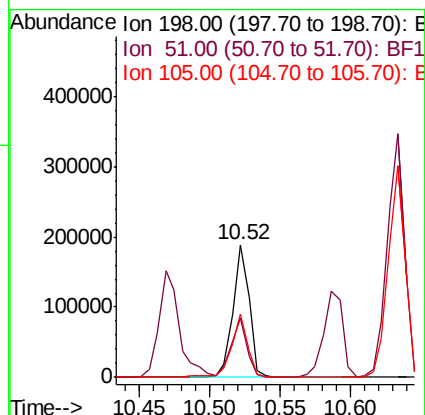
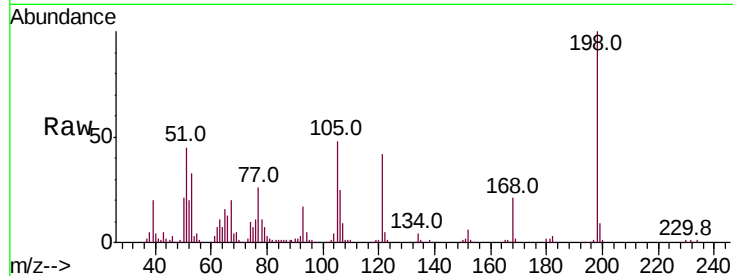




#65
4,6-Dinitro-2-methylphenol
Concen: 44.657 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

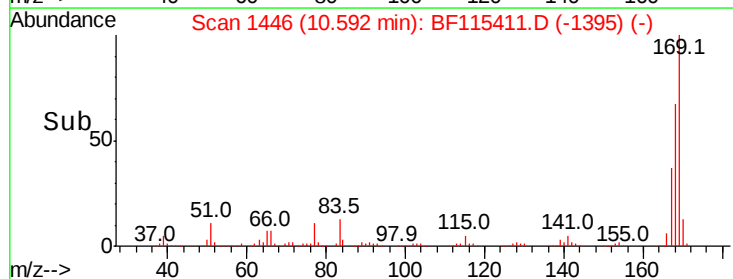
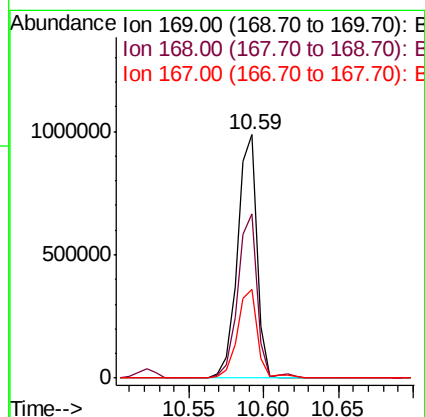
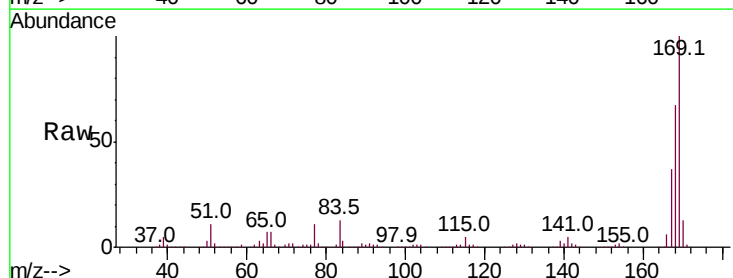
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

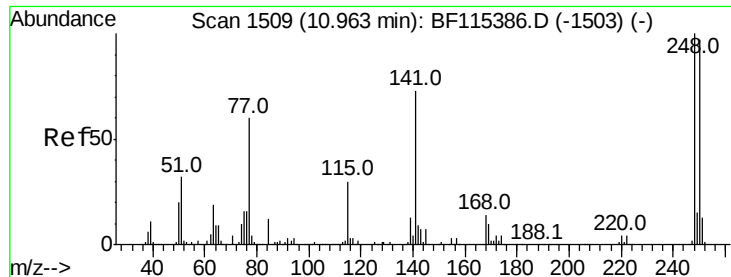
Tot Ion:198 Resp: 152890
Ion Ratio Lower Upper
198 100
51 45.1 25.4 65.4
105 47.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 39.582 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:169 Resp: 904938
Ion Ratio Lower Upper
169 100
168 67.5 52.6 79.0
167 36.7 29.2 43.8

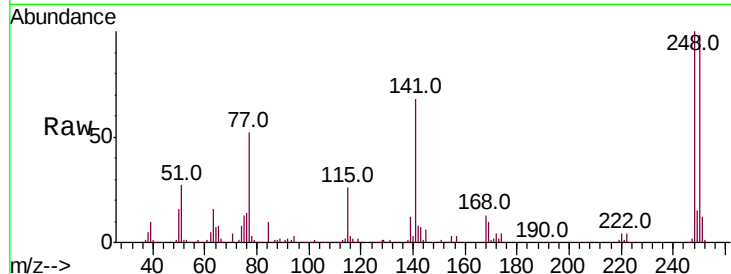




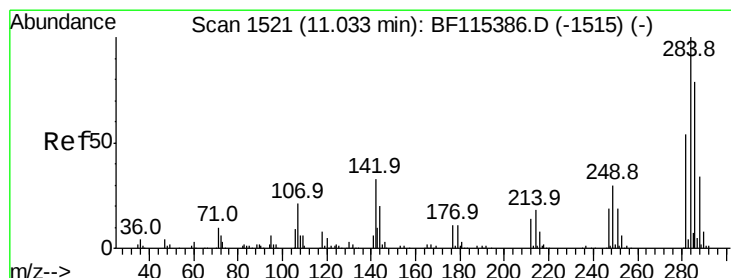
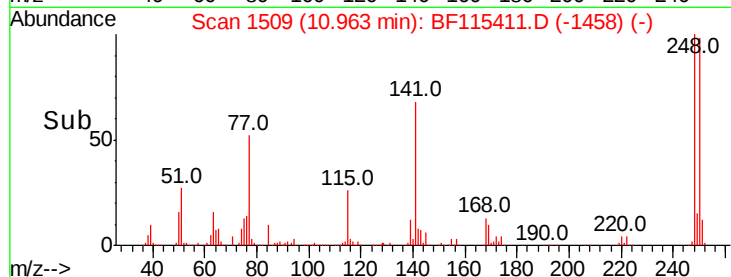
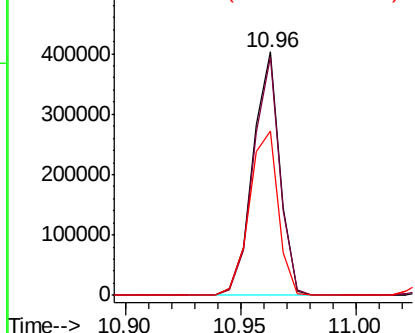
#67
4-Bromophenyl-phenylether
Concen: 40.203 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 327328
Ion Ratio Lower Upper
248 100
250 97.7 77.3 115.9
141 67.6 58.5 87.7

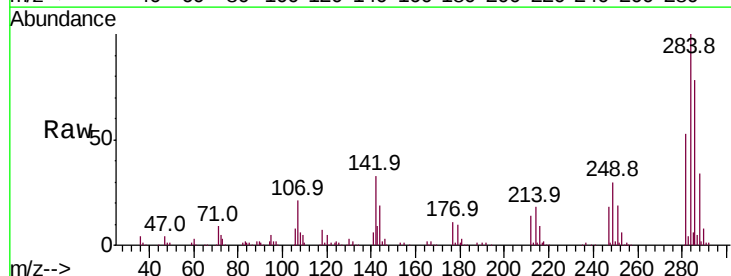


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

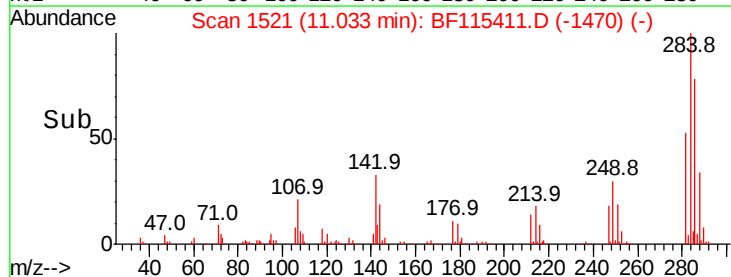
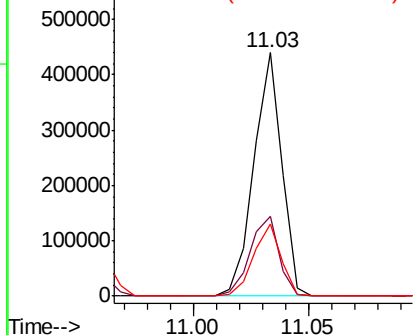


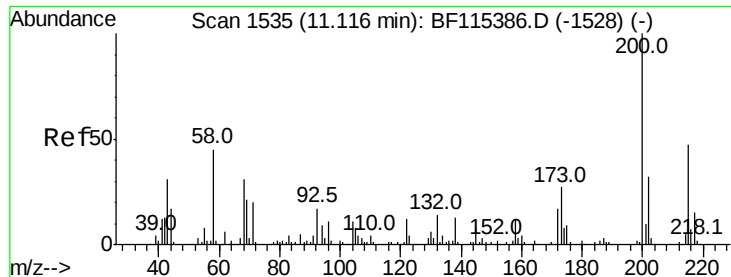
#68
Hexachlorobenzene
Concen: 40.723 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:284 Resp: 372057
Ion Ratio Lower Upper
284 100
142 32.8 26.5 39.7
249 29.7 24.2 36.2



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

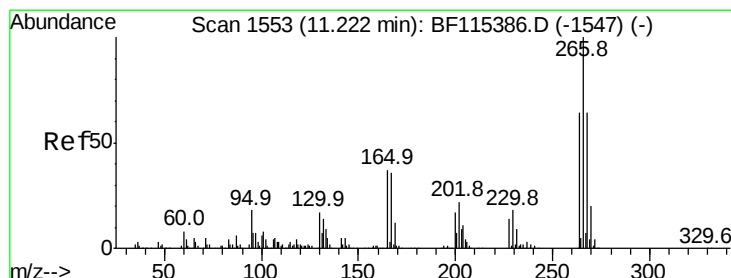
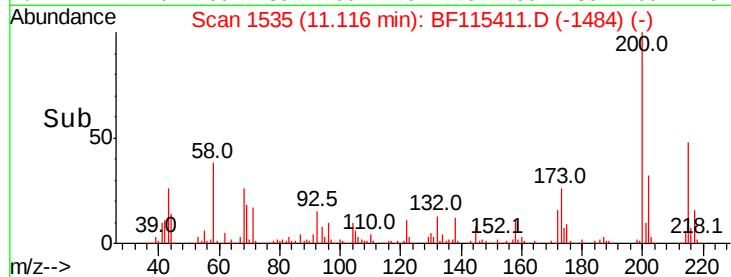
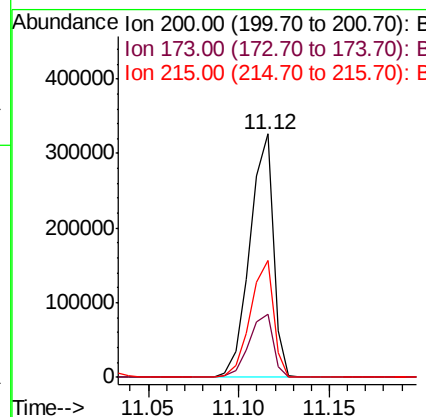
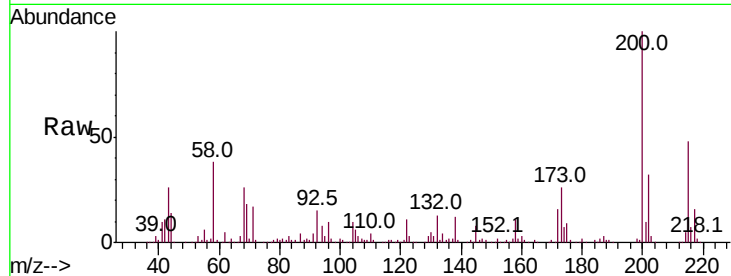




#69
Atrazine
Concen: 41.639 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

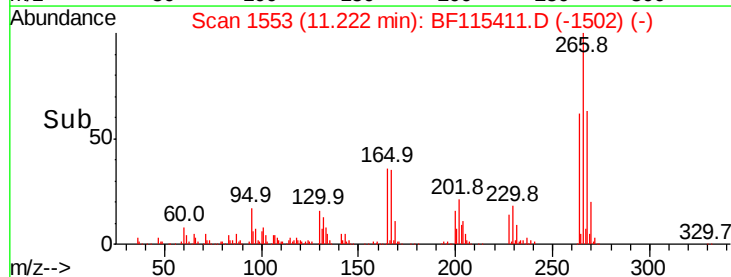
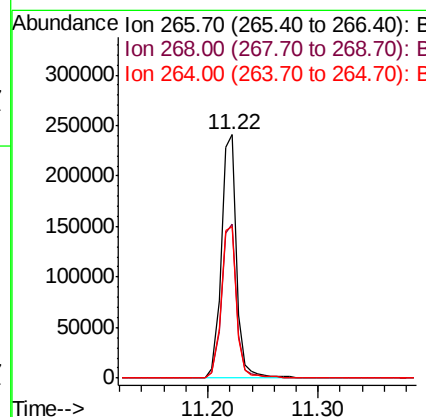
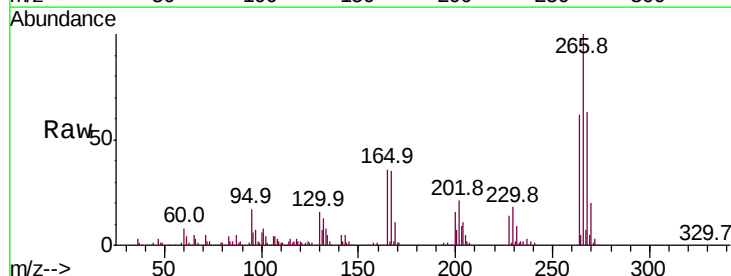
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

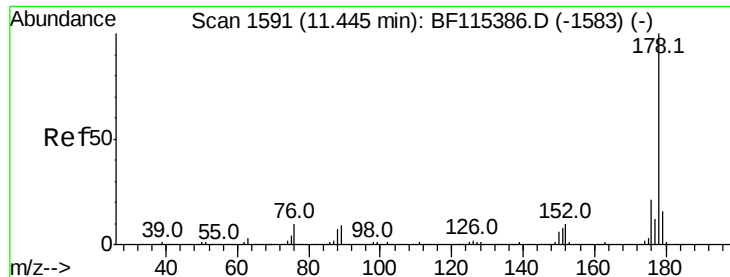
Tot Ion:200 Resp: 294614
Ion Ratio Lower Upper
200 100
173 26.1 7.1 47.1
215 48.3 27.5 67.5



#70
Pentachlorophenol
Concen: 41.525 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:266 Resp: 231207
Ion Ratio Lower Upper
266 100
268 63.4 51.3 76.9
264 62.2 51.6 77.4

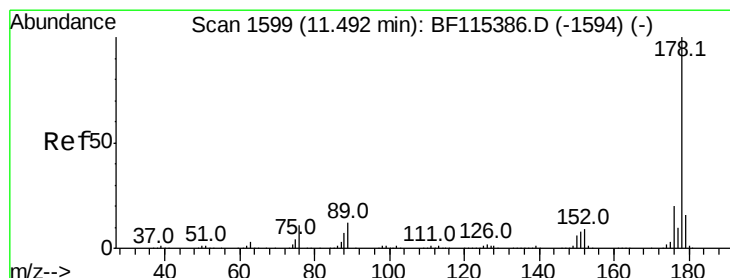
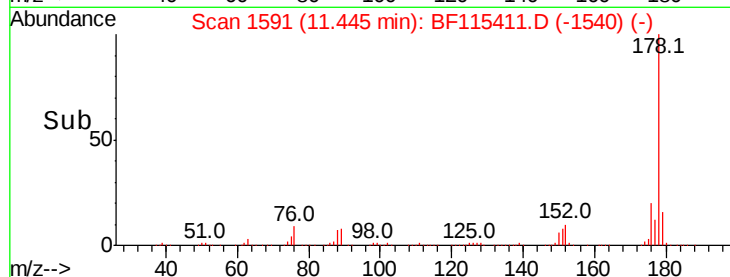
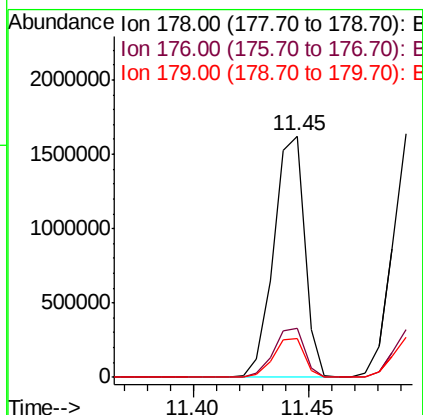
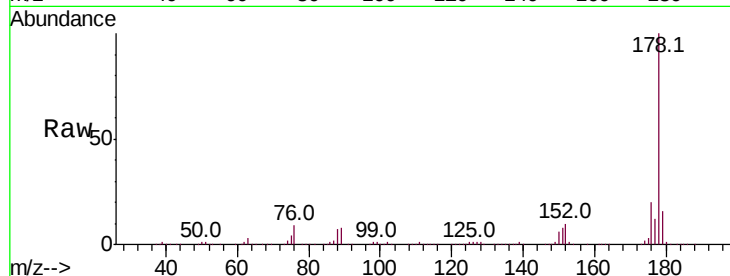




#71
Phenanthrene
Concen: 39.500 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

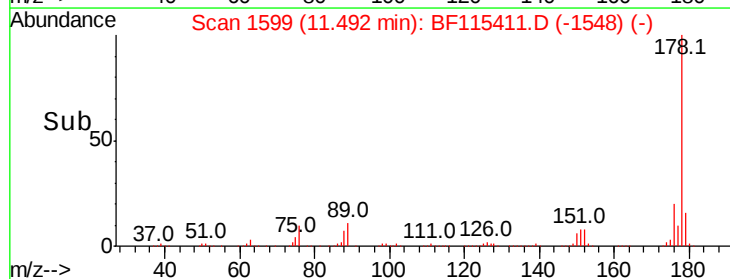
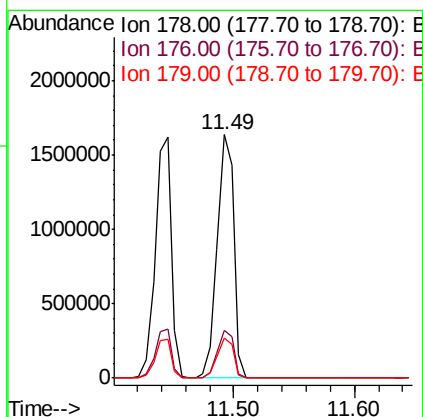
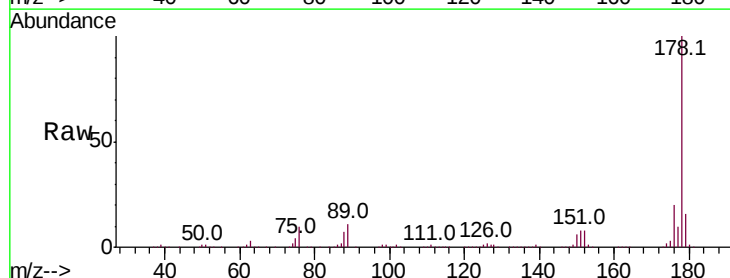
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

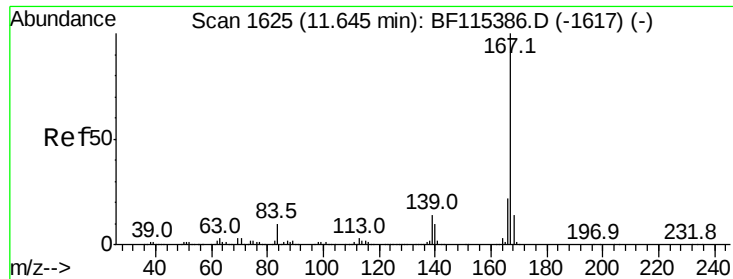
Tot Ion:178 Resp: 1507370
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.0 13.0 19.6



#72
Anthracene
Concen: 40.132 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:178 Resp: 1535737
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.2 13.1 19.7



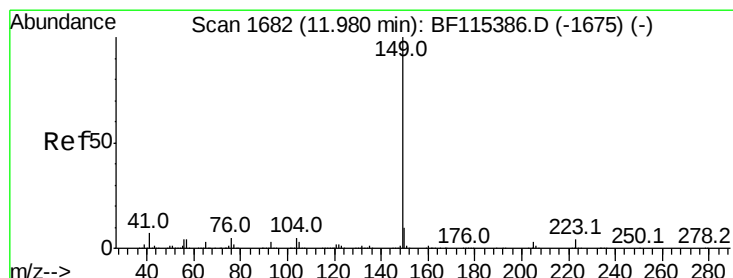
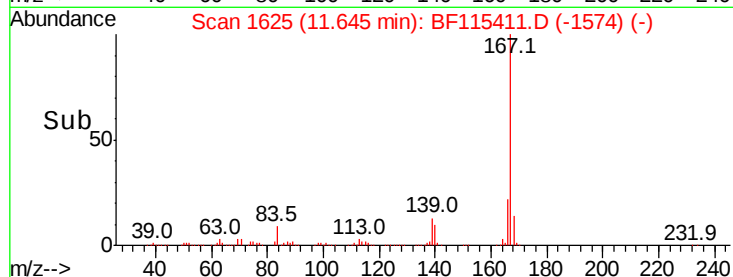
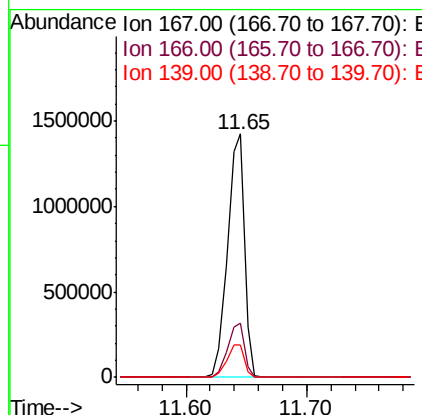
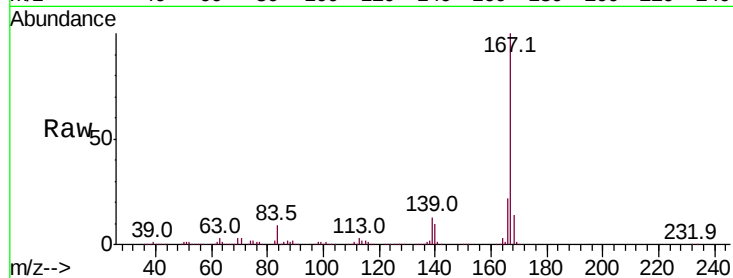


#73
 Carbazole
 Concen: 39.321 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1376594

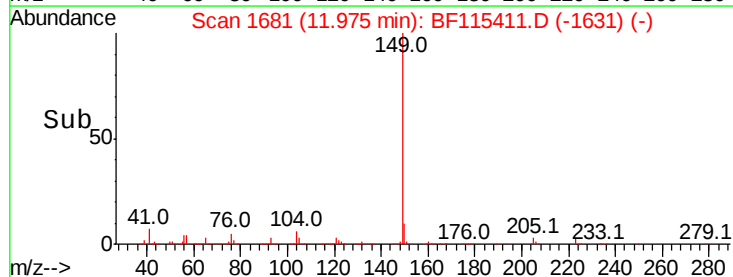
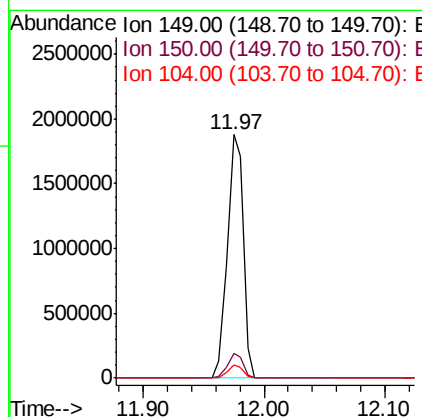
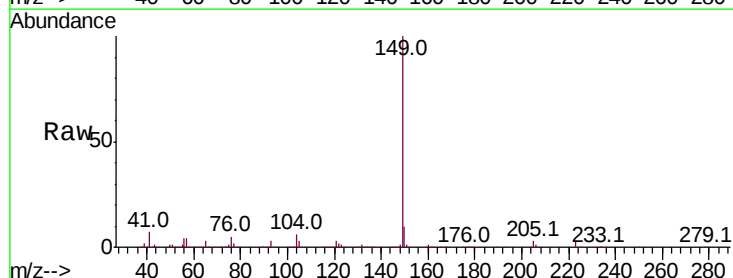
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.4	11.0	16.6

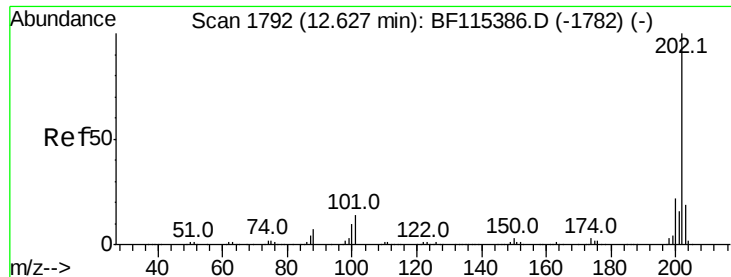


#74
 Di-n-butylphthalate
 Concen: 40.245 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Tgt Ion:149 Resp: 1702743

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	5.5	4.4	6.6

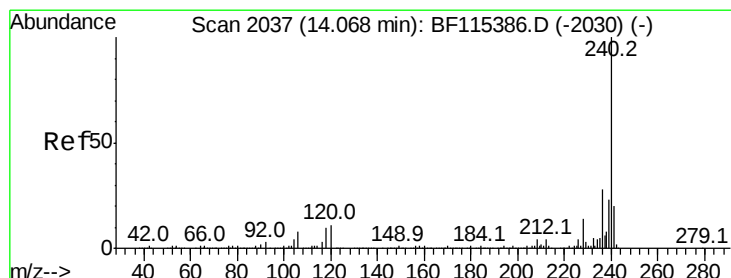
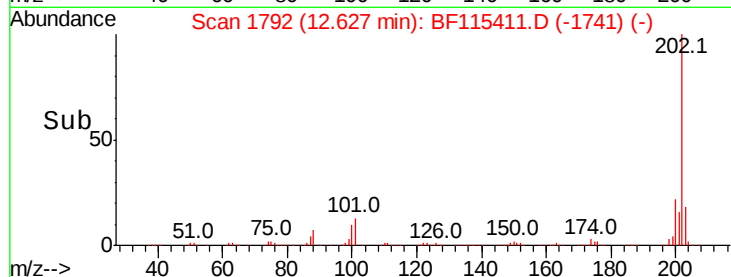
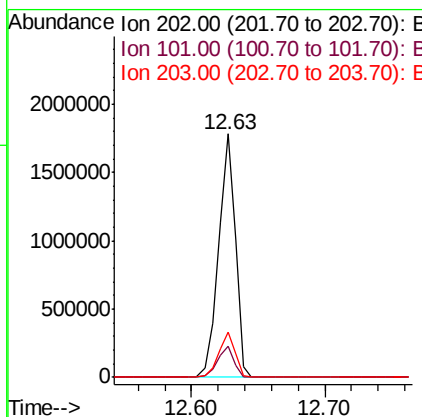
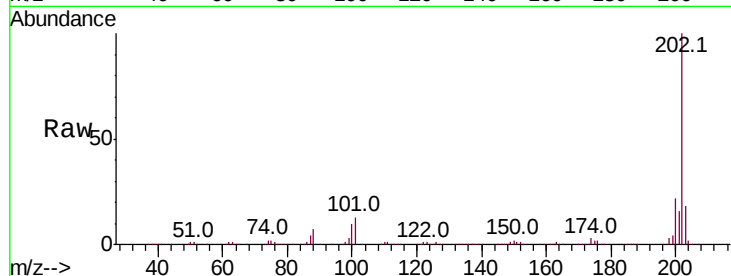




#75
 Fluoranthene
 Concen: 39.264 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

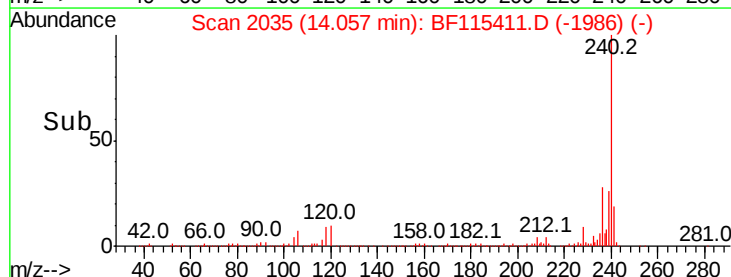
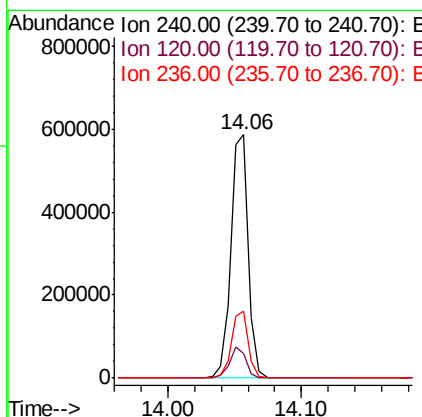
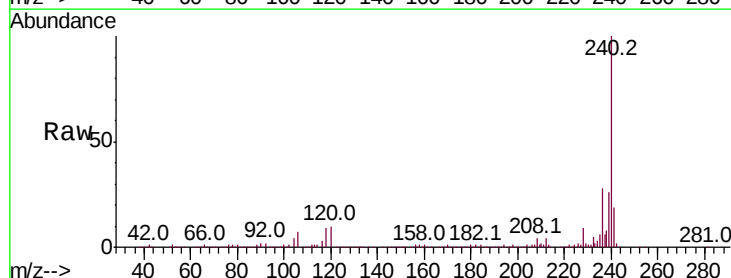
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

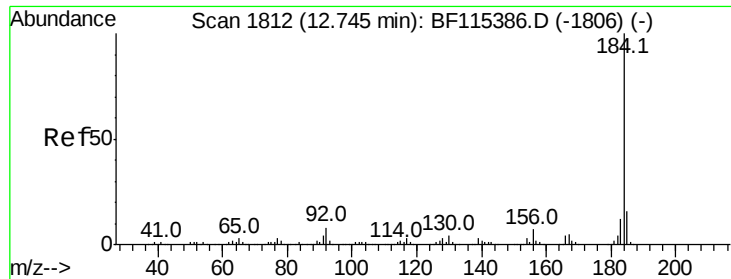
Tot Ion:202 Resp: 1577645
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 34.0
 203 18.5 0.0 38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Tgt Ion:240 Resp: 538060
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.1 13.7
 236 27.8 22.5 33.7





#77

Benzidine

Concen: 37.465 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

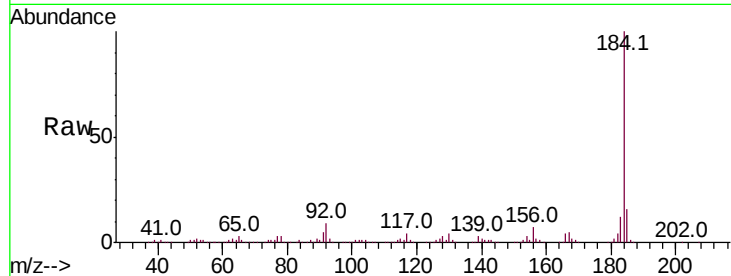
Tot Ion:184 Resp: 786105

Ion Ratio Lower Upper

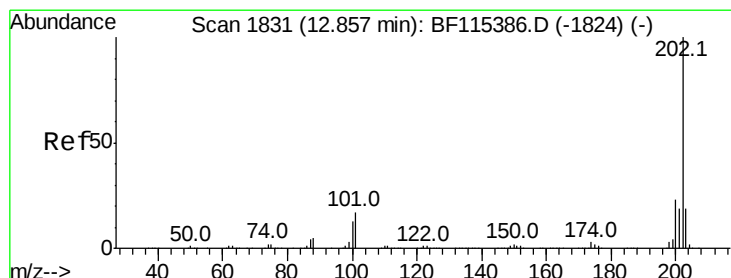
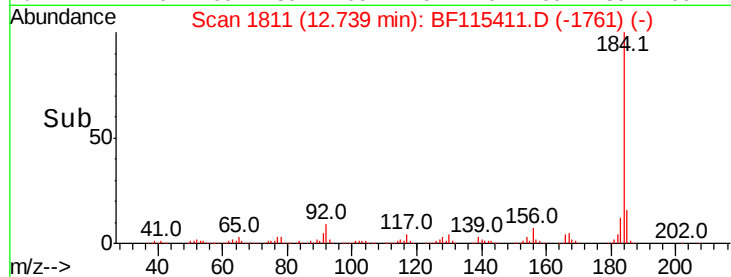
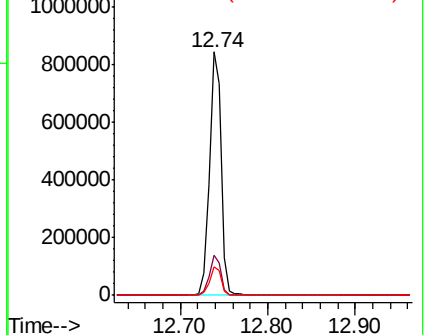
184 100

185 16.4 12.6 18.8

183 11.8 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: 38.800 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

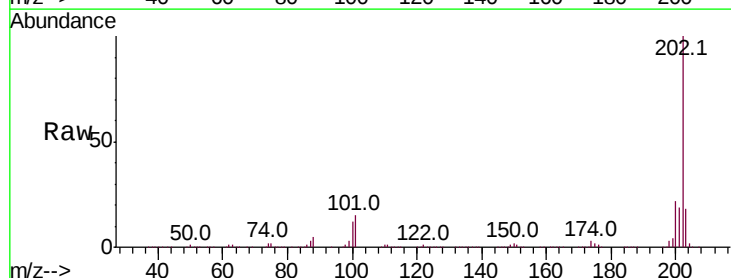
Tgt Ion:202 Resp: 1623469

Ion Ratio Lower Upper

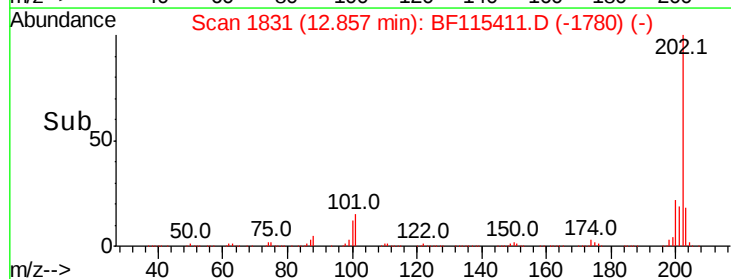
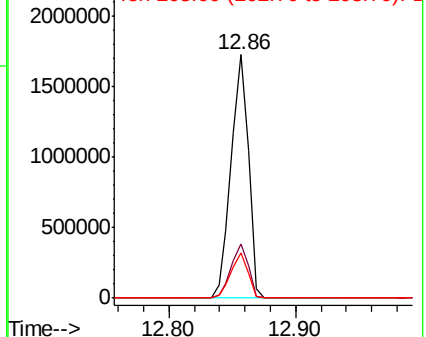
202 100

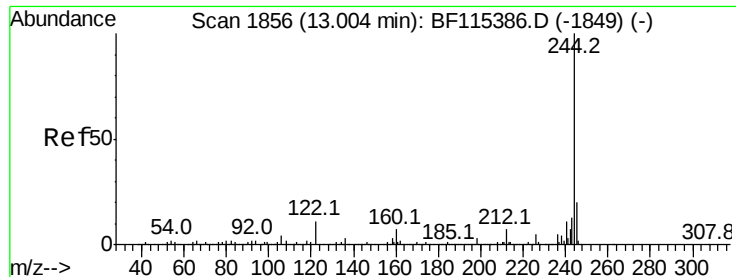
200 22.4 18.2 27.4

203 18.5 14.8 22.2



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: 78.344 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

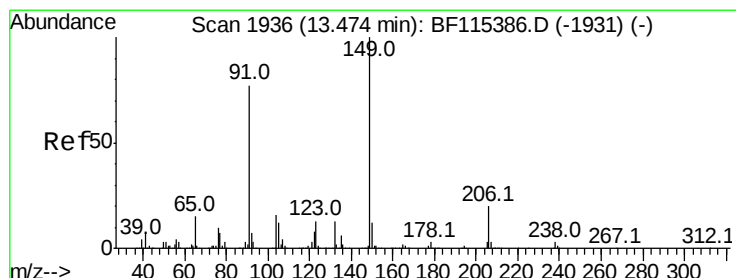
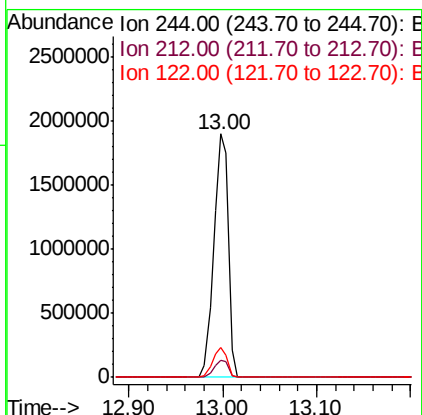
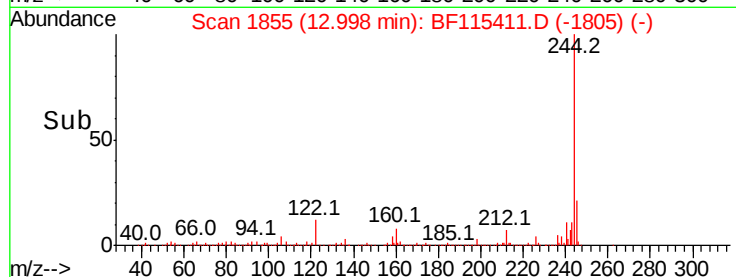
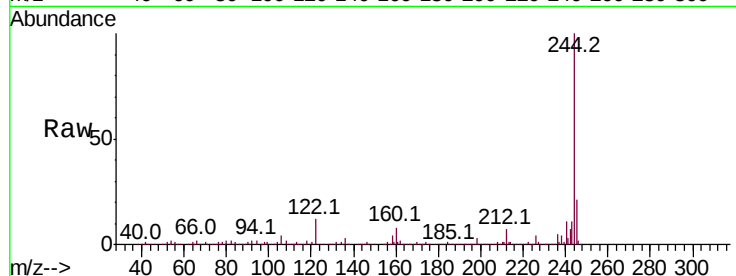
Tot Ion:244 Resp: 2058785

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 40.632 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

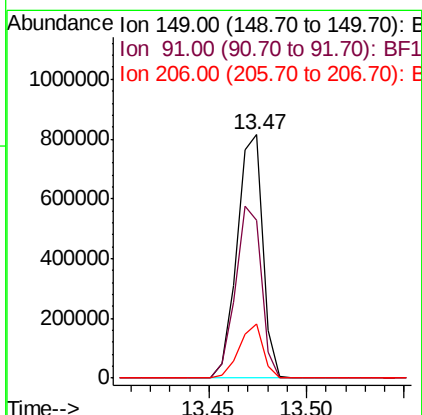
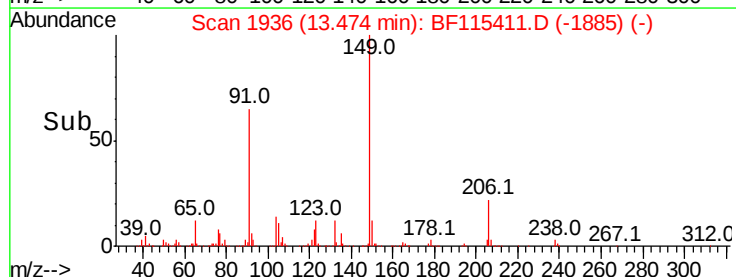
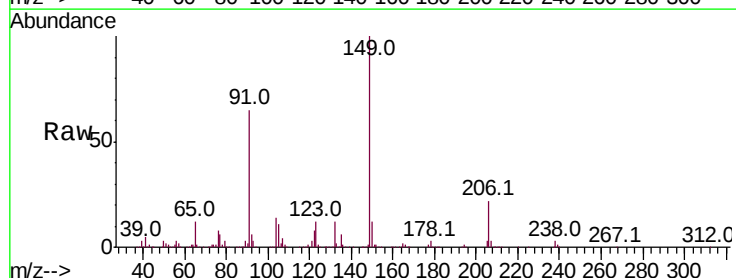
Tgt Ion:149 Resp: 742816

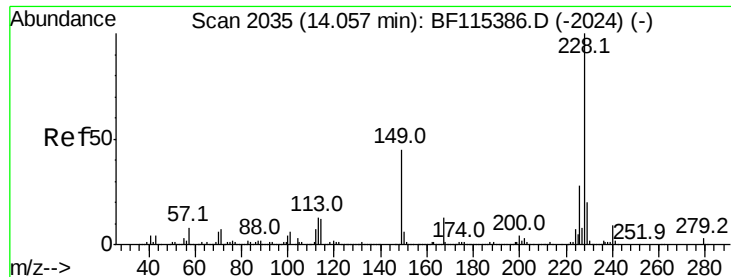
Ion Ratio Lower Upper

149 100

91 64.9 61.4 92.0

206 22.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.114 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

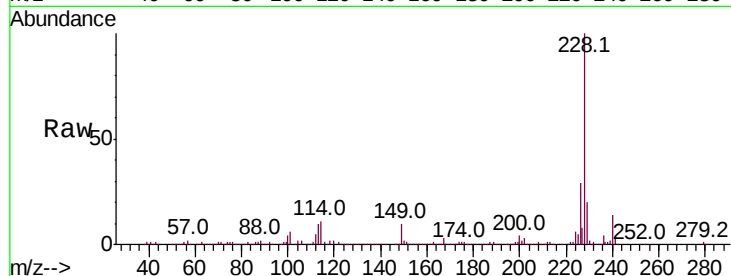
Tot Ion:228 Resp: 1382945

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.3	16.3	24.5

228 100

226 28.9 22.7 34.1

229 20.3 16.3 24.5

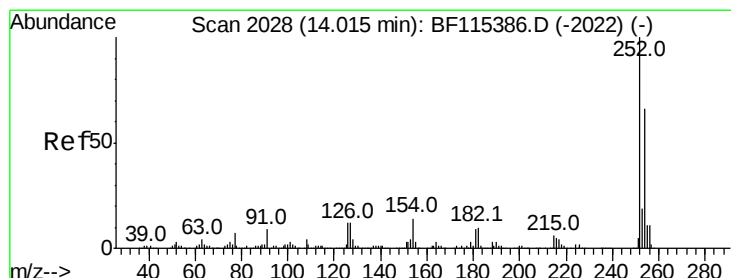
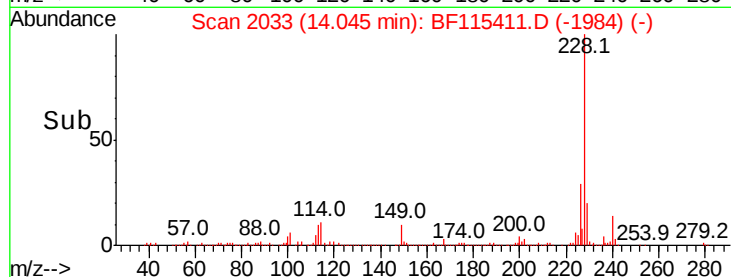
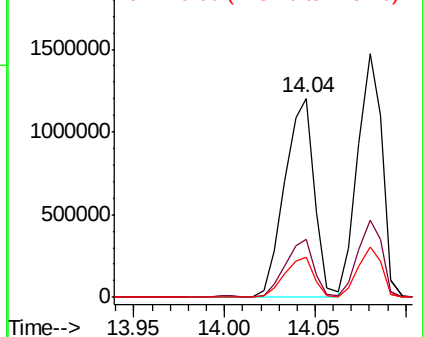


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.987 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

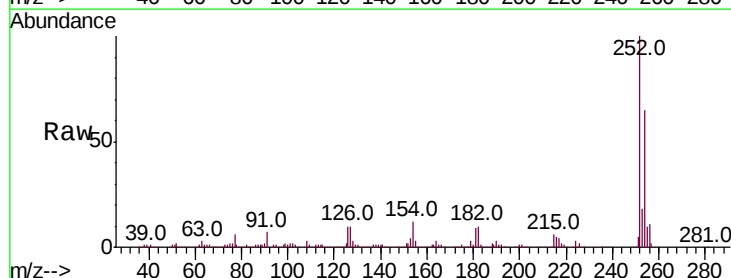
Tgt Ion:252 Resp: 512735

Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.0	79.4
126	10.4	9.8	14.8

252 100

254 64.8 53.0 79.4

126 10.4 9.8 14.8

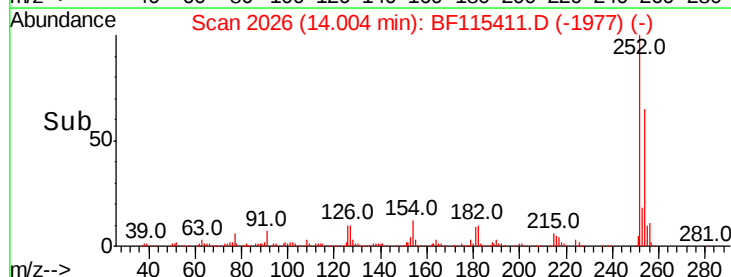
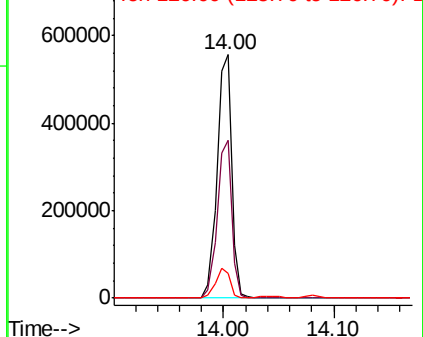


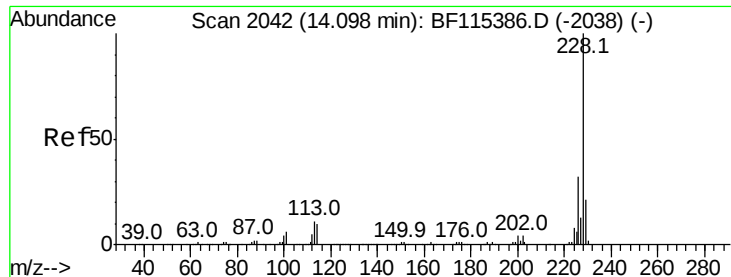
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.069 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

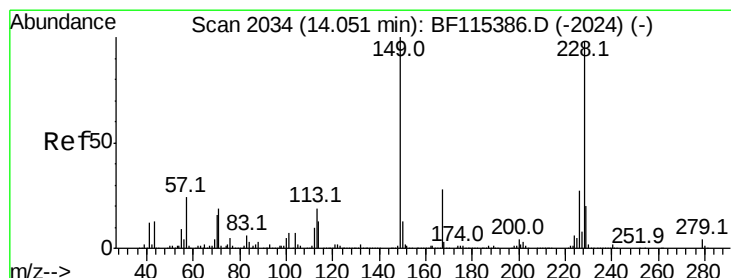
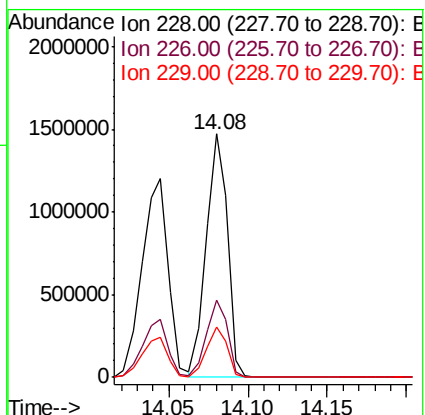
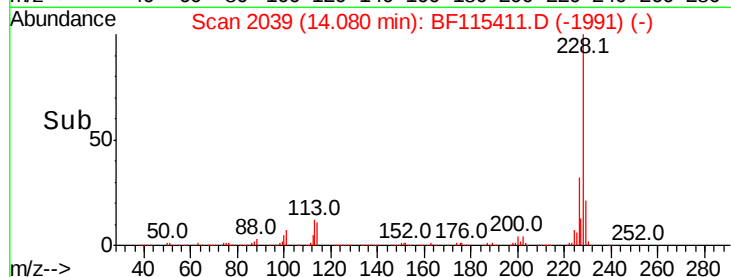
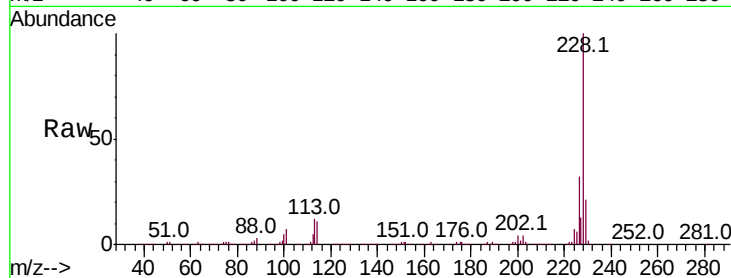
Tot Ion:228 Resp: 1383916

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

229 20.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.663 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

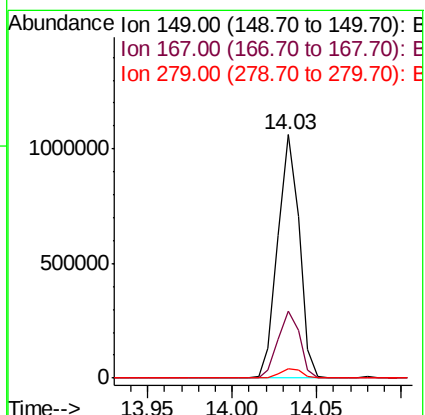
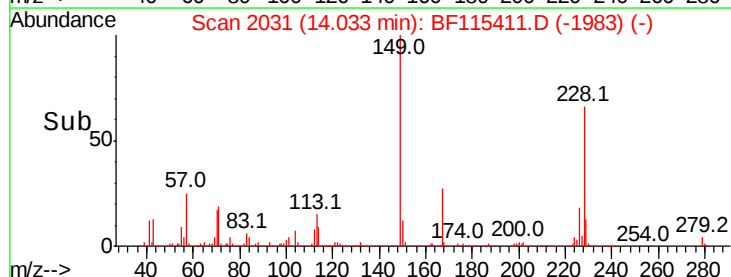
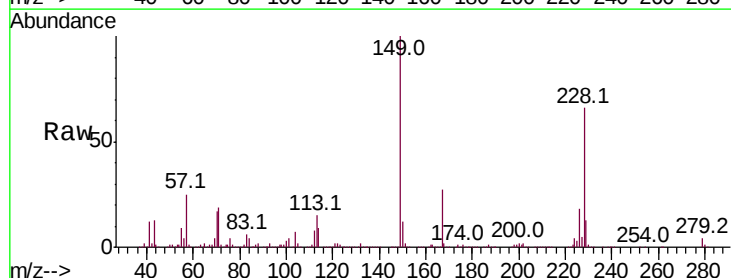
Tgt Ion:149 Resp: 943252

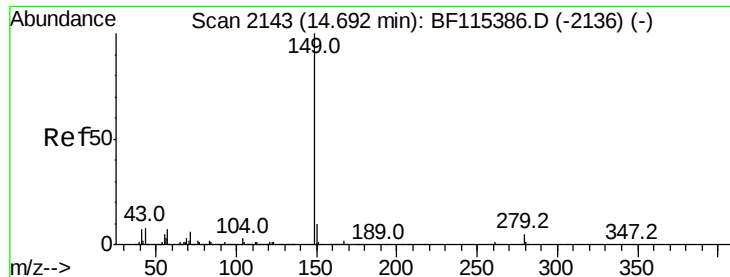
Ion Ratio Lower Upper

149 100

167 27.3 22.3 33.5

279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 40.537 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

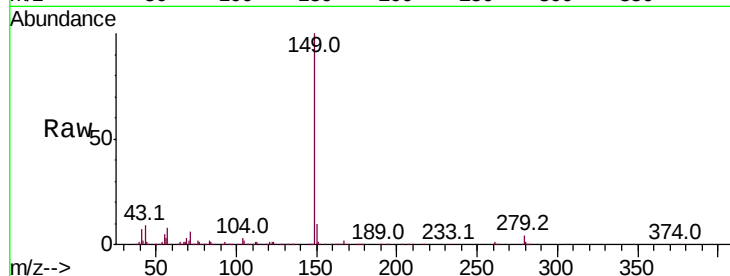
Tot Ion:149 Resp: 1633823

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

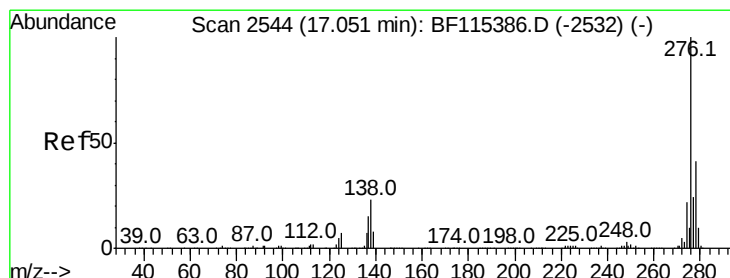
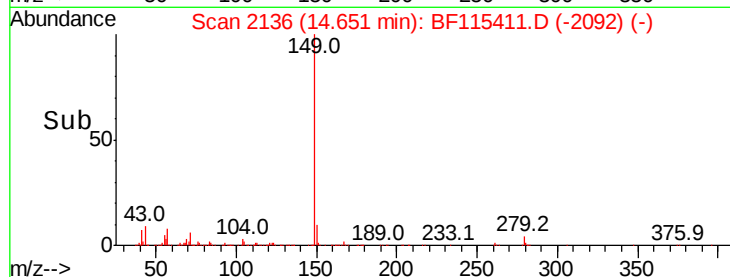
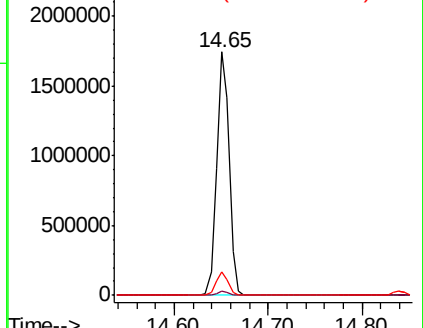
43 9.1 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.964 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.03 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

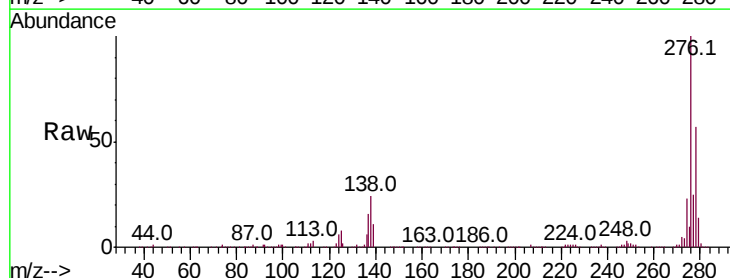
Tgt Ion:276 Resp: 1203777

Ion Ratio Lower Upper

276 100

138 25.0 0.0 0.0#

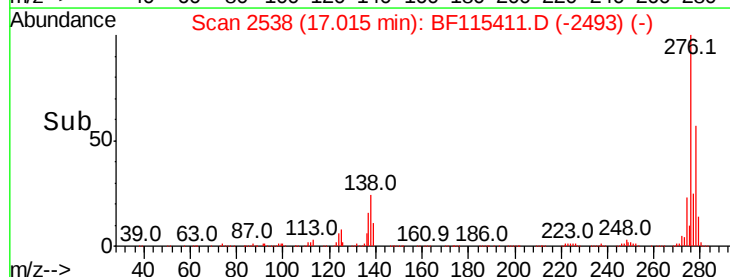
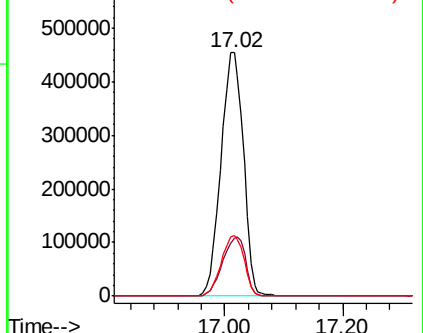
277 25.3 0.0 0.0#

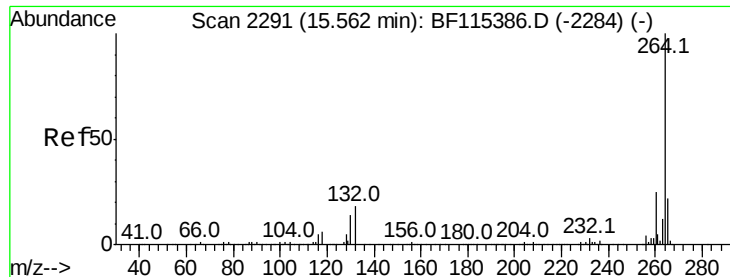


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

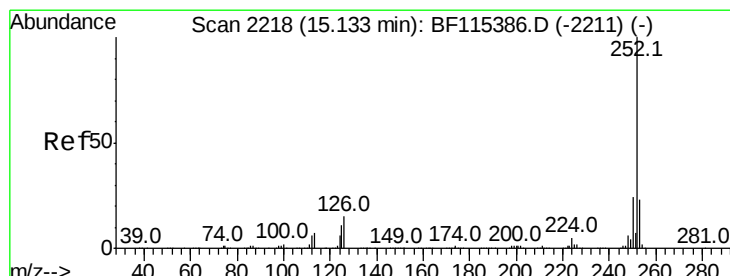
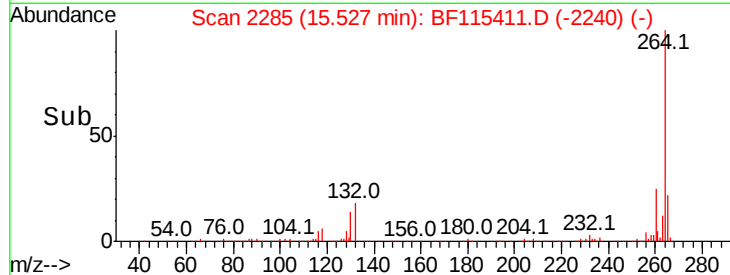
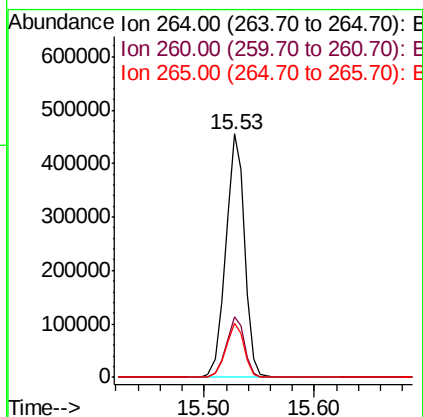
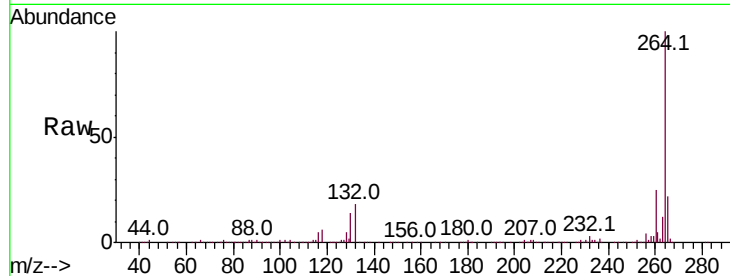




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

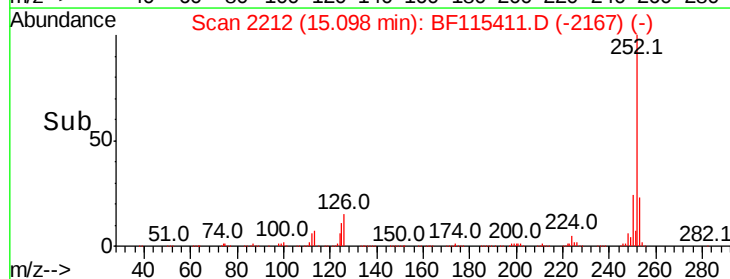
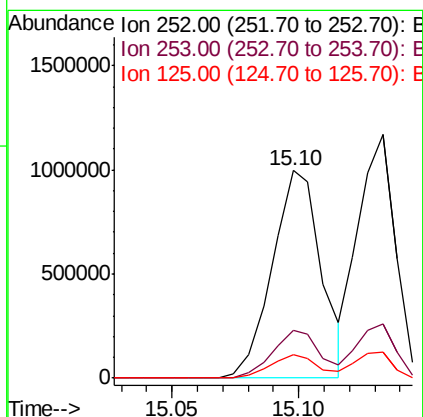
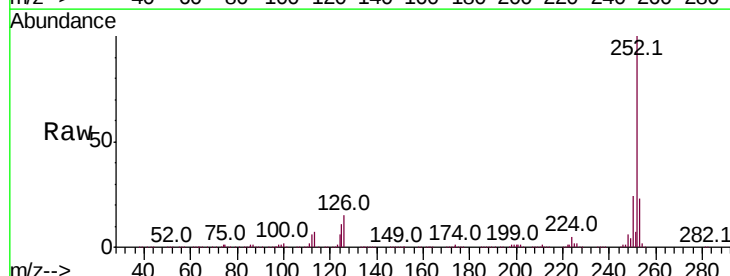
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

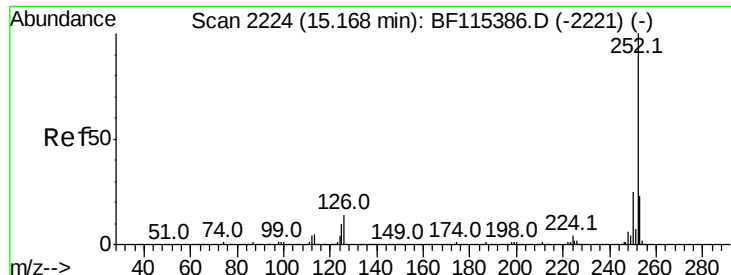
Tot Ion:264 Resp: 541708
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 22.0 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 38.246 ng
 RT: 15.10 min Scan# 2212
 Delta R.T. -0.04 min
 Lab File: BF115411.D
 Acq: 8 Jul 2019 17:51

Tgt Ion:252 Resp: 1348936
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.1 27.1
 125 11.1 9.0 13.6

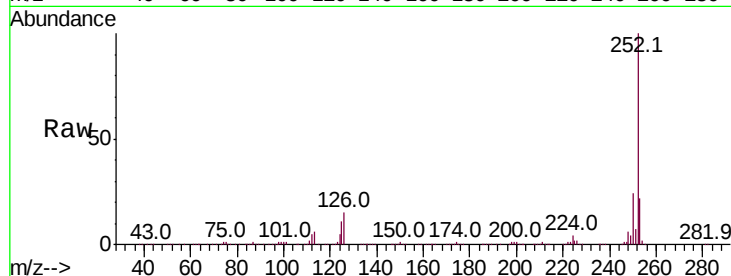




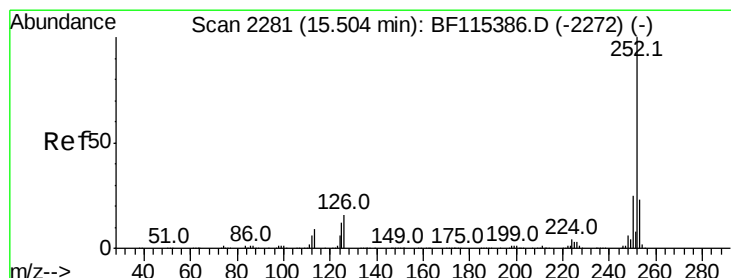
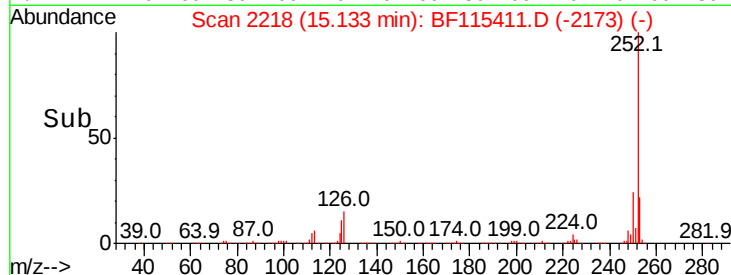
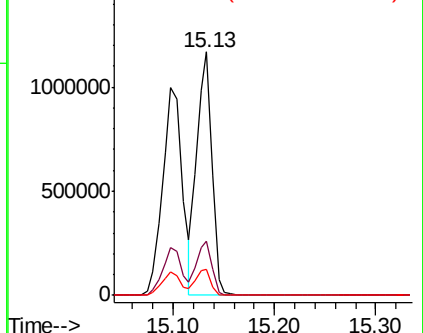
#89
Benzo(k)fluoranthene
Concen: 38.424 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1205259
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 10.5 8.3 12.5

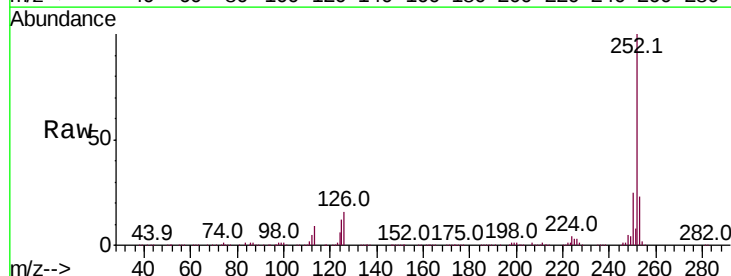


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

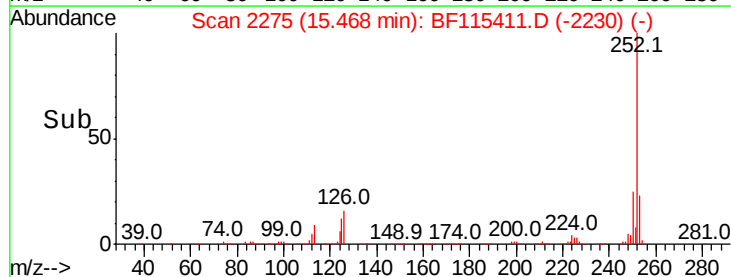
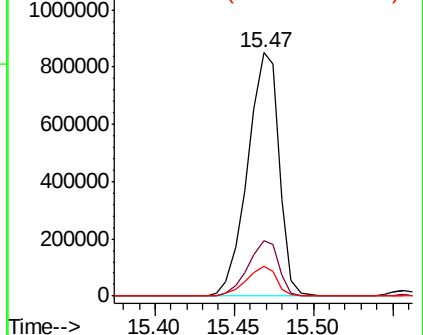


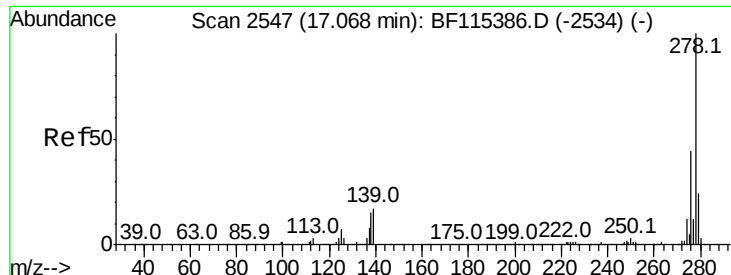
#90
Benzo(a)pyrene
Concen: 38.747 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF115411.D
Acq: 8 Jul 2019 17:51

Tgt Ion:252 Resp: 1178713
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.367 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.04 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

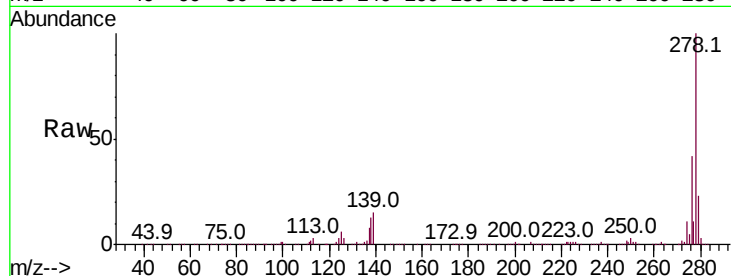
Tot Ion:278 Resp: 997362

Ion Ratio Lower Upper

278 100

139 15.4 13.4 20.2

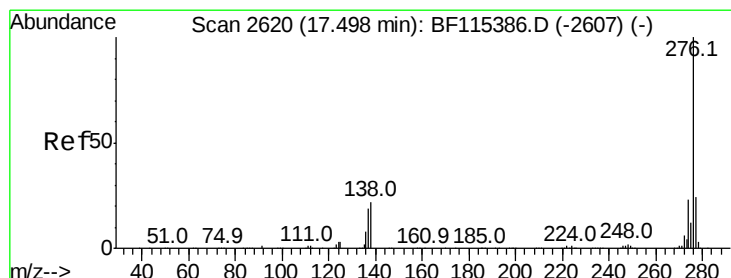
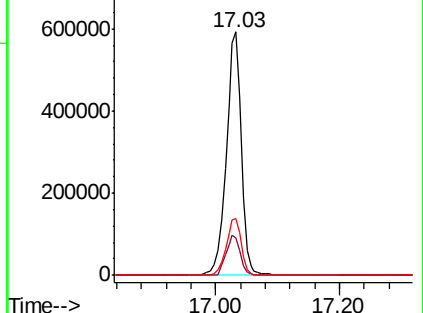
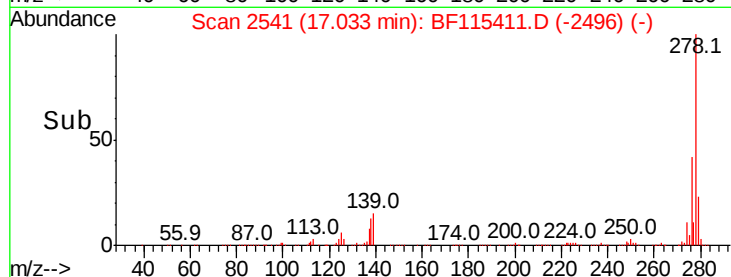
279 23.5 19.4 29.0



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: 37.931 ng

RT: 17.46 min Scan# 2614

Delta R.T. -0.04 min

Lab File: BF115411.D

Acq: 8 Jul 2019 17:51

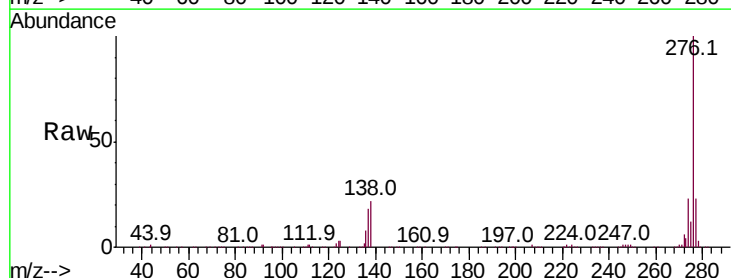
Tgt Ion:276 Resp: 933295

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 21.6 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

