

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115527.D
 Acq On : 12 Jul 2019 15:39
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 12 16:43:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	209901	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	865448	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	422335	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	794854	20.00	ng	0.00
76) Chrysene-d12	14.05	240	511411	20.00	ng	0.00
87) Perylene-d12	15.52	264	461498	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	987624	76.96	ng	0.00
7) Phenol-d6	6.52	99	1265988	77.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	1160432	77.97	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	387917	78.69	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2002653	83.00	ng	0.00
79) Terphenyl-d14	12.99	244	2061804	74.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	246237	38.468	ng	99
3) Pyridine	3.46	79	665863	38.341	ng	100
4) n-Nitrosodimethylamine	3.41	42	244982	38.885	ng	100
6) Aniline	6.55	93	896404	39.559	ng	98
8) 2-Chlorophenol	6.67	128	580648	39.356	ng	96
9) Benzaldehyde	6.43	77	377057	37.056	ng	98
10) Phenol	6.53	94	743627	39.341	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	558174	38.786	ng	99
12) 1,3-Dichlorobenzene	6.83	146	642532	38.735	ng	99
13) 1,4-Dichlorobenzene	6.90	146	645684	39.013	ng	97
14) 1,2-Dichlorobenzene	7.06	146	596555	39.430	ng	99
15) Benzyl Alcohol	7.03	79	515205	39.886	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	744505	39.295	ng	97
17) 2-Methylphenol	7.13	107	497677	39.142	ng	99
18) Hexachloroethane	7.40	117	237007	38.581	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	410344	38.641	ng	100
20) 3+4-Methylphenols	7.29	107	577380	38.231	ng	# 88
22) Acetophenone	7.30	105	764300	39.091	ng	# 90
24) Nitrobenzene	7.47	77	629119	39.189	ng	100
25) Isophorone	7.71	82	1145085	38.448	ng	100
26) 2-Nitrophenol	7.78	139	327503	39.635	ng	99
27) 2,4-Dimethylphenol	7.82	122	489182	39.567	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	715530	39.162	ng	99
29) 2,4-Dichlorophenol	8.02	162	510061	39.669	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	574410	39.521	ng	99
31) Naphthalene	8.19	128	1648130	39.322	ng	98
32) Benzoic acid	7.95	122	343151	33.820	ng	99
33) 4-Chloroaniline	8.23	127	728403	39.234	ng	99
34) Hexachlorobutadiene	8.31	225	330578	39.662	ng	99
35) Caprolactam	8.62	113	156329	39.345	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	522271	39.158	ng	100
37) 2-Methylnaphthalene	8.88	142	1090511	39.250	ng	98
38) 1-Methylnaphthalene	8.98	142	1029989	39.030	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	503647	39.601	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	279699	38.553	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	369136	39.690	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	372757	39.135	nq	98
46) 1,1'-Biphenyl	9.35	154	1296848	39.277	nq	99
47) 2-Chloronaphthalene	9.37	162	1085168	39.472	nq	97
48) 2-Nitroaniline	9.46	65	330606	38.853	nq	98
49) Acenaphthylene	9.79	152	1601306	39.309	nq	99
50) Dimethylphthalate	9.65	163	1227805	38.640	nq	99
51) 2,6-Dinitrotoluene	9.70	165	287082	39.756	nq	99
52) Acenaphthene	9.96	154	1031733	39.229	nq	99
53) 3-Nitroaniline	9.87	138	322652	39.100	nq	99
54) 2,4-Dinitrophenol	9.97	184	148017	39.924	nq	96
55) Dibenzofuran	10.13	168	1423152	38.103	nq	100
56) 4-Nitrophenol	10.03	139	249539	39.656	nq	95
57) 2,4-Dinitrotoluene	10.11	165	377619	40.364	nq	# 88
58) Fluorene	10.47	166	1033976	38.725	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	319855	40.172	nq	98
60) Diethylphthalate	10.35	149	1163271	39.073	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	548806	37.064	nq	96
62) 4-Nitroaniline	10.49	138	313685	39.630	nq	98
63) Azobenzene	10.63	77	1137619	39.394	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	196228	40.407	nq	97
66) n-Nitrosodiphenylamine	10.58	169	967619	39.135	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	356634	39.263	nq	95
68) Hexachlorobenzene	11.03	284	409671	39.494	nq	98
69) Atrazine	11.11	200	306454	37.782	nq	99
70) Pentachlorophenol	11.22	266	257991	40.664	nq	99
71) Phenanthrene	11.43	178	1597899	39.219	nq	98
72) Anthracene	11.49	178	1605143	38.121	nq	99
73) Carbazole	11.64	167	1436731	38.910	nq	99
74) Di-n-butylphthalate	11.97	149	1718905	37.793	nq	99
75) Fluoranthene	12.62	202	1636427	38.008	nq	98
77) Benzidine	12.74	184	746344	41.196	nq	100
78) Pyrene	12.85	202	1639384	37.836	nq	98
80) Butylbenzylphthalate	13.47	149	712230	38.560	nq	96
81) Benzo(a)anthracene	14.04	228	1314567	39.017	nq	96
82) 3,3'-Dichlorobenzidine	14.00	252	481685	40.217	nq	97
83) Chrysene	14.07	228	1335142	39.476	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	894174	39.082	nq	99
85) Di-n-octyl phthalate	14.64	149	1434809	39.414	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1075073	37.414	nq	100
88) Benzo(b)fluoranthene	15.09	252	1184213	39.850	nq	100
89) Benzo(k)fluoranthene	15.12	252	1017977	38.423	nq	98
90) Benzo(a)pyrene	15.46	252	993590	38.901	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	885021	39.470	nq	99
92) Benzo(g,h,i)perylene	17.44	276	865089	38.685	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

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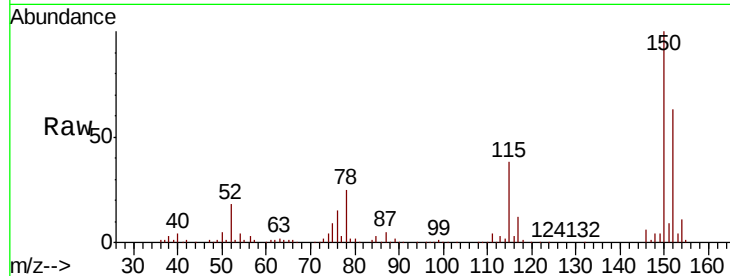
Tot Ion:152 Resp: 209901

Ion Ratio Lower Upper

152 100

150 157.6 129.7 194.5

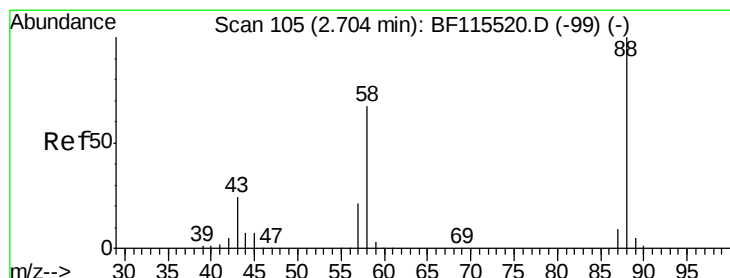
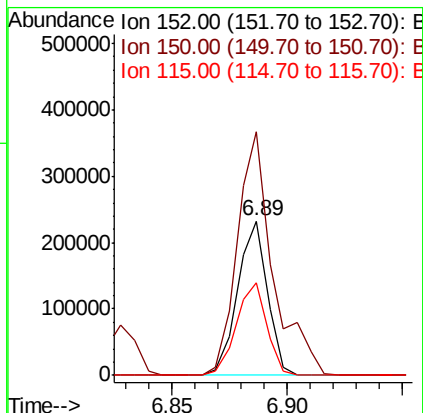
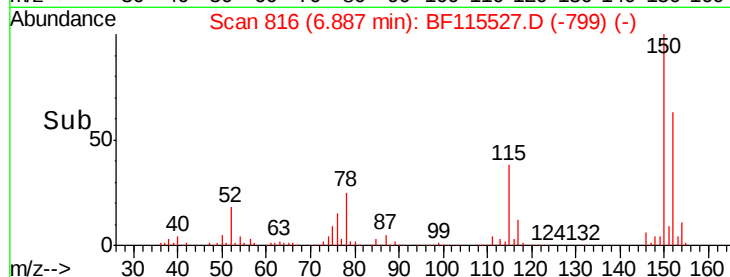
115 60.3 48.2 72.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.468 ng

RT: 2.70 min Scan# 104

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

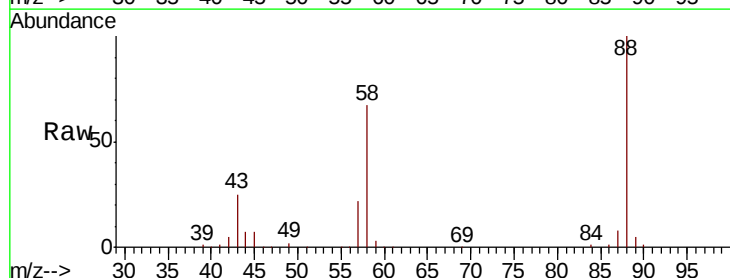
Tgt Ion: 88 Resp: 246237

Ion Ratio Lower Upper

88 100

58 64.8 52.6 79.0

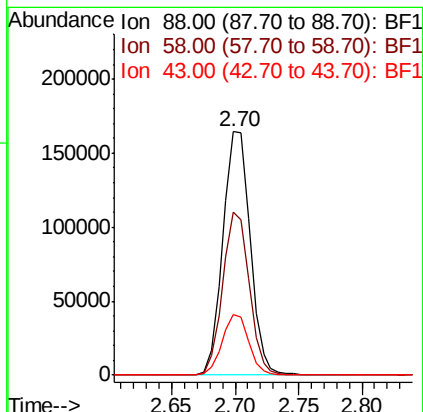
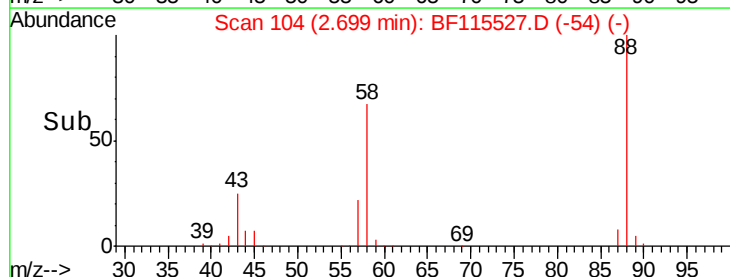
43 24.0 19.1 28.7

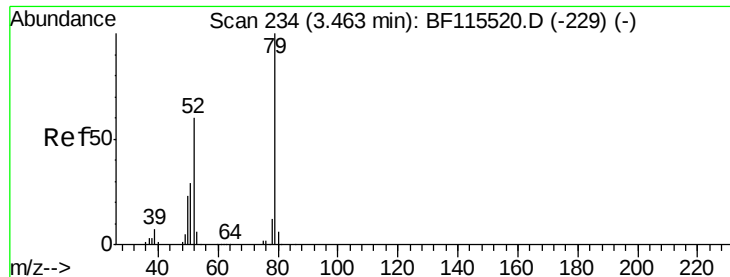


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.341 ng

RT: 3.46 min Scan# 233

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

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SSTDCCC040

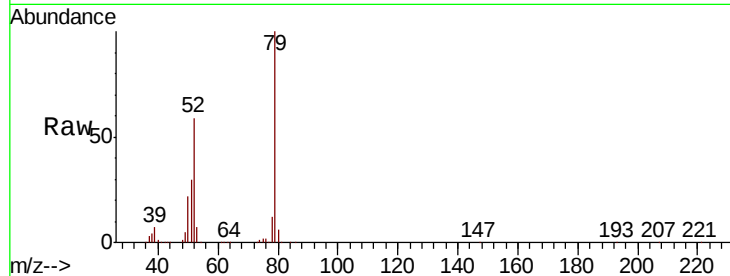
Tot Ion: 79 Resp: 665863

Ion Ratio Lower Upper

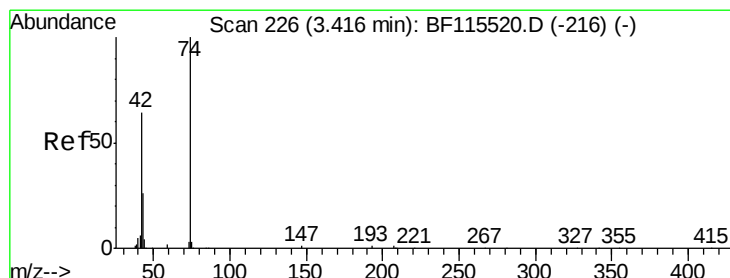
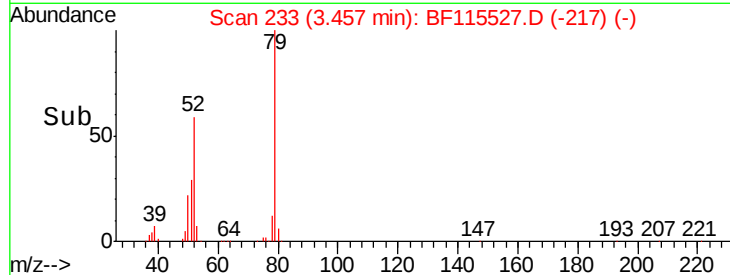
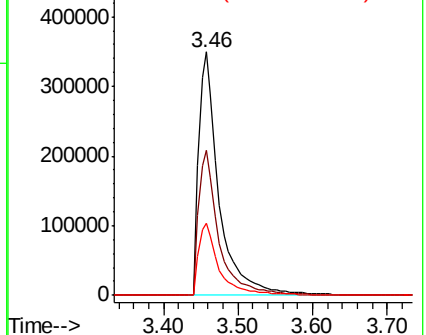
79 100

52 59.3 47.8 71.6

51 29.6 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.885 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

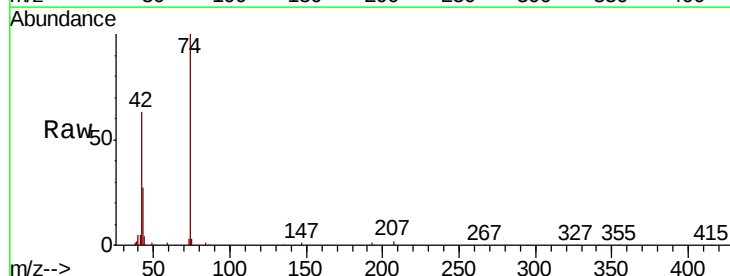
Tgt Ion: 42 Resp: 244982

Ion Ratio Lower Upper

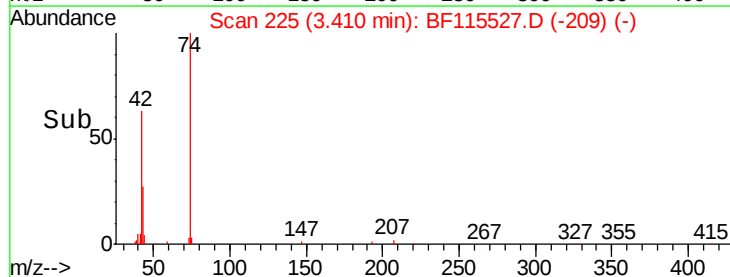
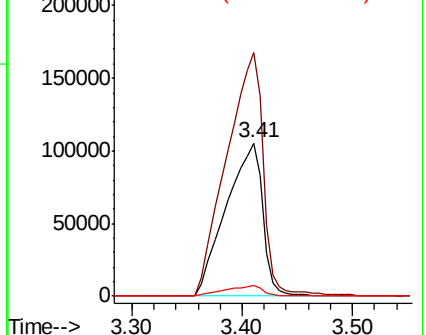
42 100

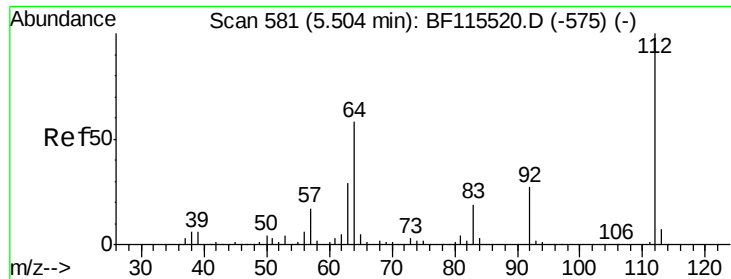
74 158.9 127.5 191.3

44 6.8 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.963 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

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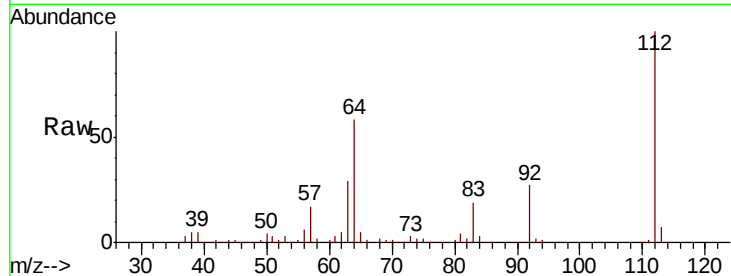
Tot Ion: 112 Resp: 987624

Ion Ratio Lower Upper

112 100

64 57.9 46.8 70.2

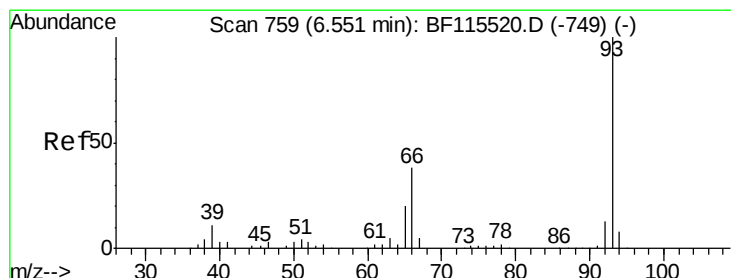
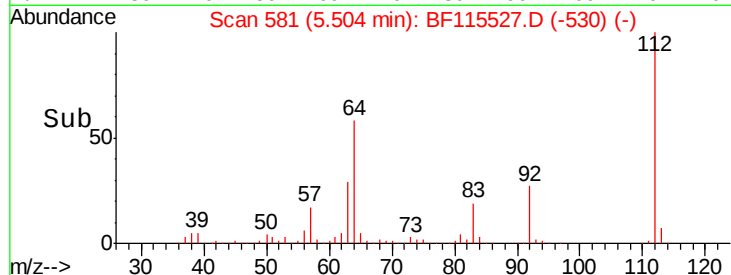
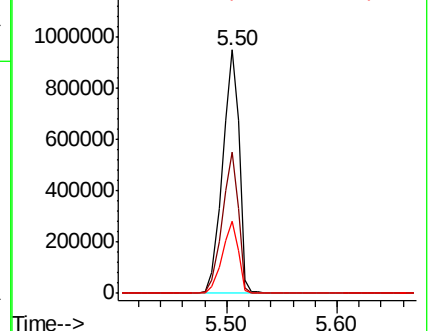
63 29.5 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.559 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

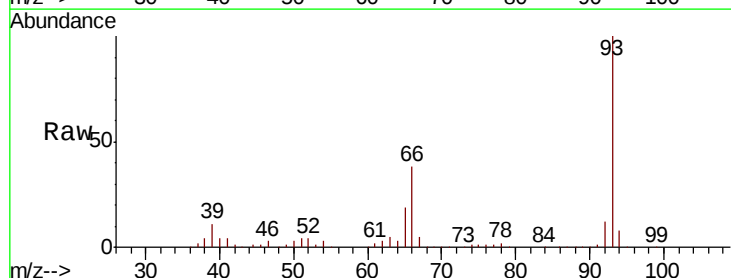
Tgt Ion: 93 Resp: 896404

Ion Ratio Lower Upper

93 100

66 37.9 31.7 47.5

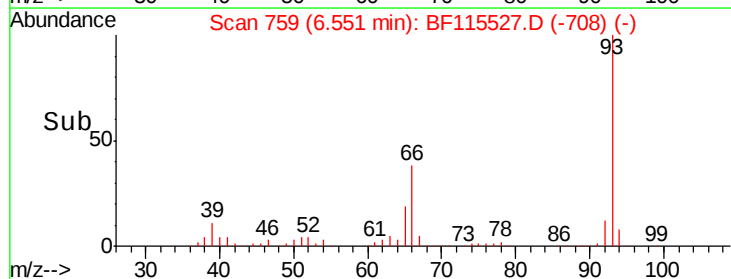
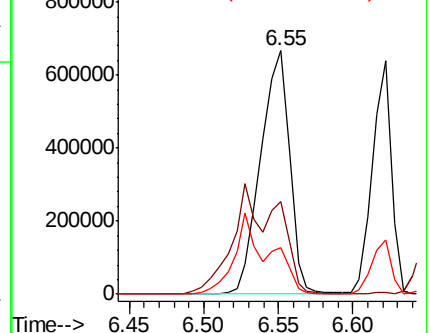
65 19.3 16.2 24.2

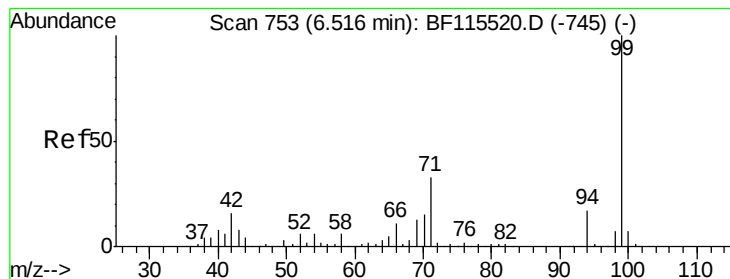


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.750 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

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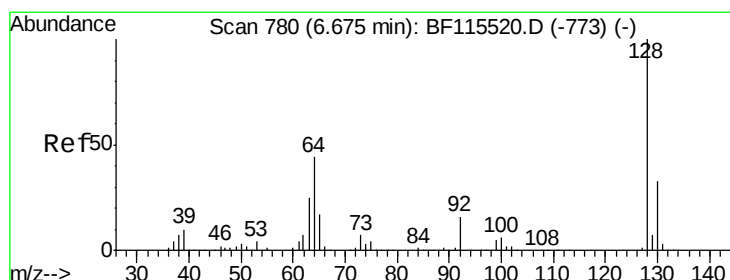
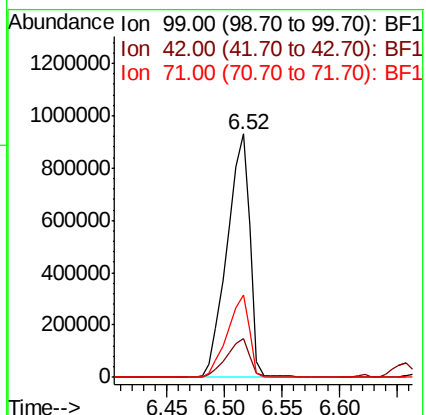
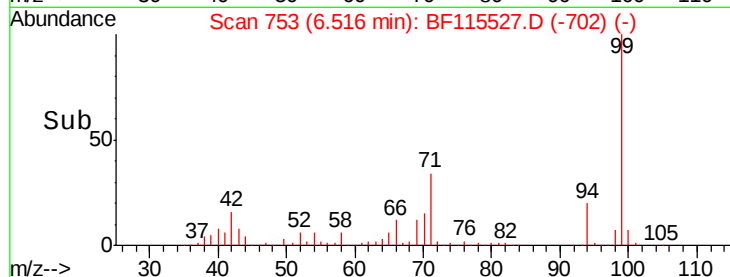
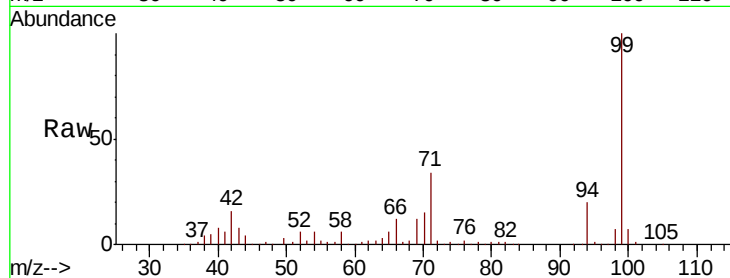
Tot Ion: 99 Resp: 1265988

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

71 33.6 28.5 42.7



#8

2-Chlorophenol

Concen: 39.356 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

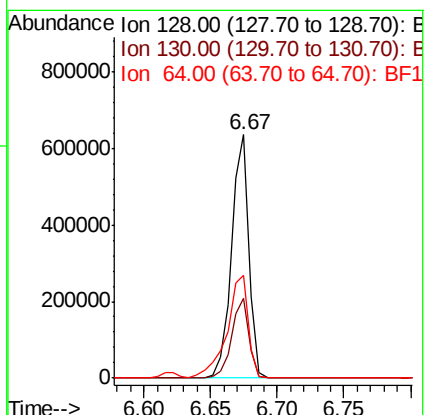
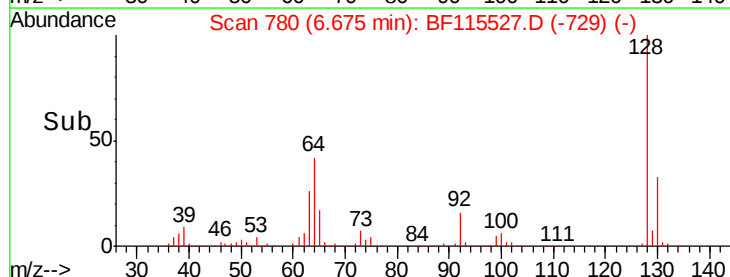
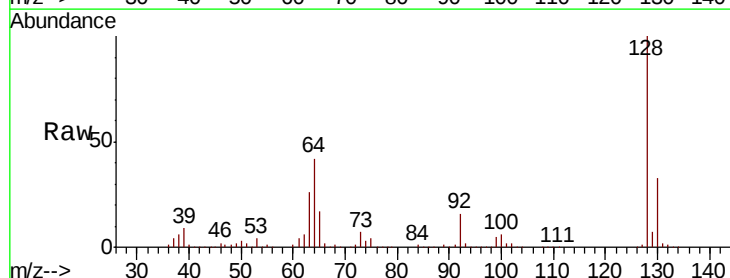
Tgt Ion: 128 Resp: 580648

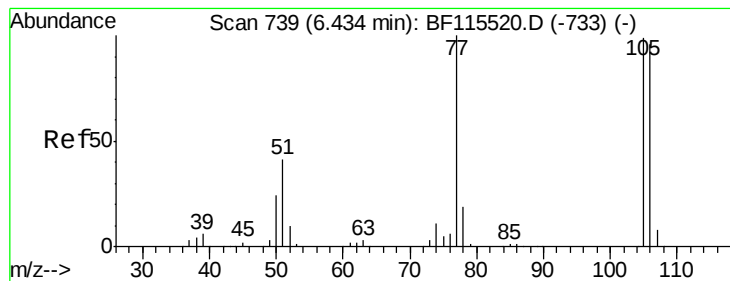
Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

64 42.0 26.8 66.8





#9

Benzaldehyde

Concen: 37.056 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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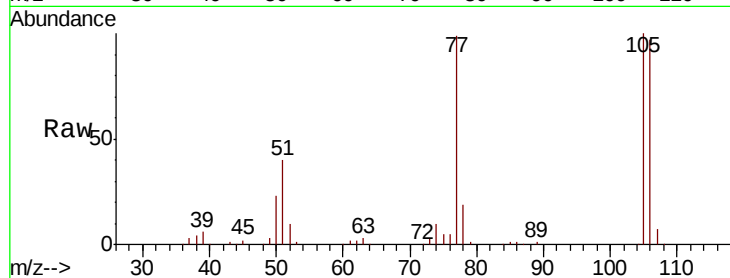
Tot Ion: 77 Resp: 377057

Ion Ratio Lower Upper

77 100

105 100.8 78.8 118.8

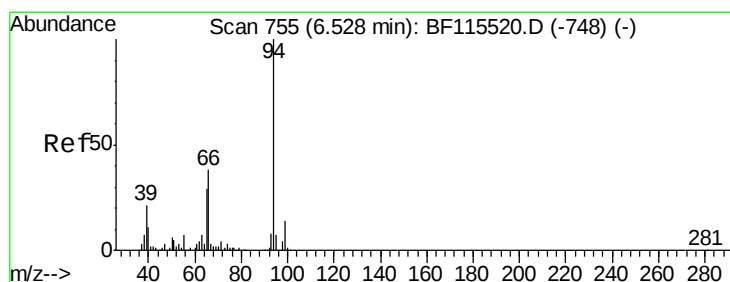
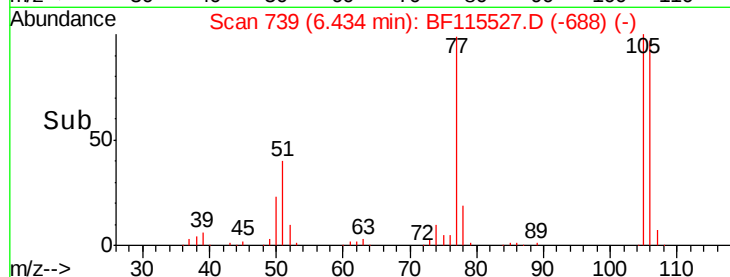
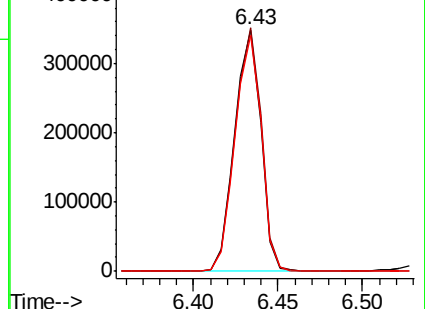
106 97.6 75.6 115.6



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: 39.341 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

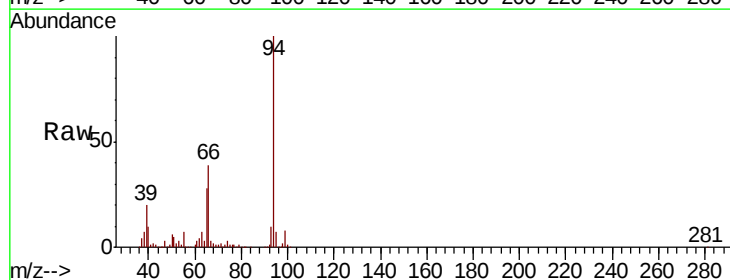
Tgt Ion: 94 Resp: 743627

Ion Ratio Lower Upper

94 100

65 28.3 14.5 54.5

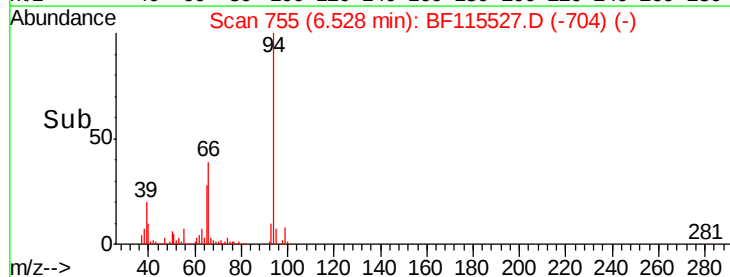
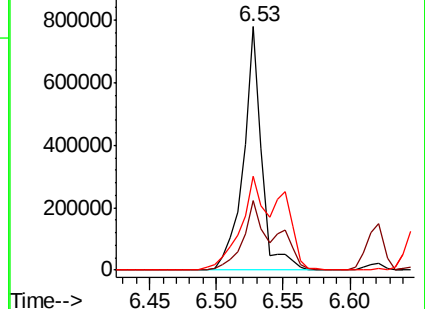
66 38.8 31.3 71.3



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

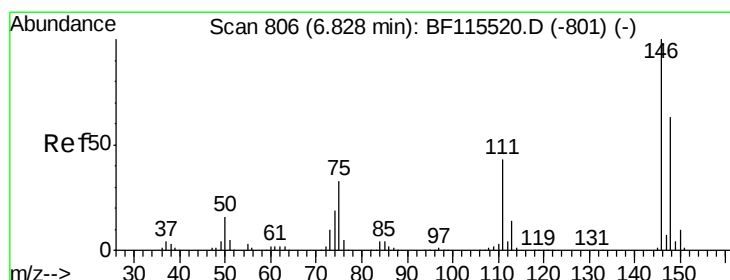
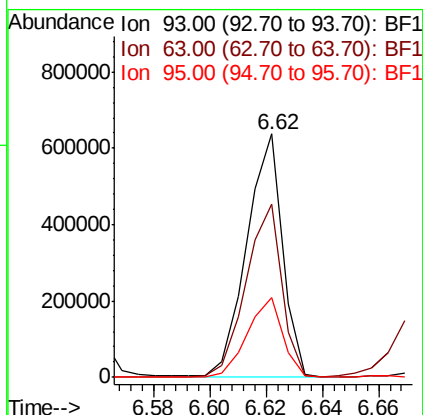
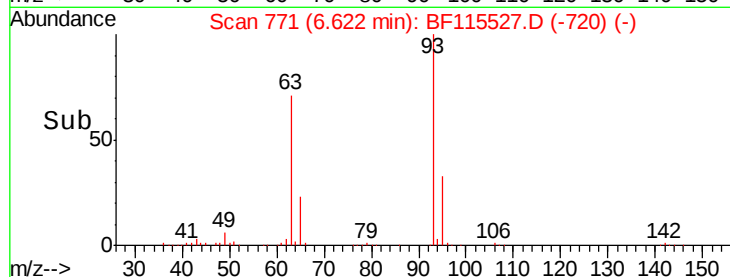
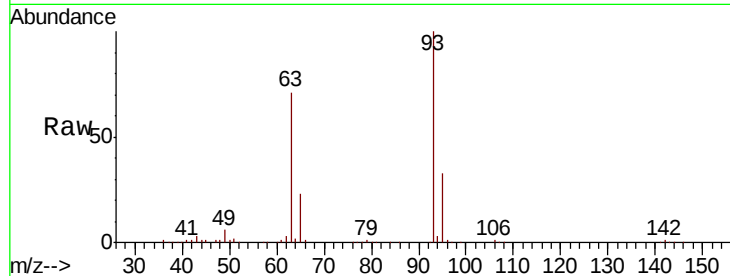




#11
bis(2-Chloroethyl)ether
Concen: 38.786 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

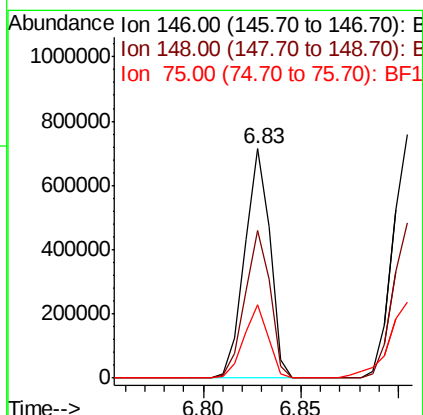
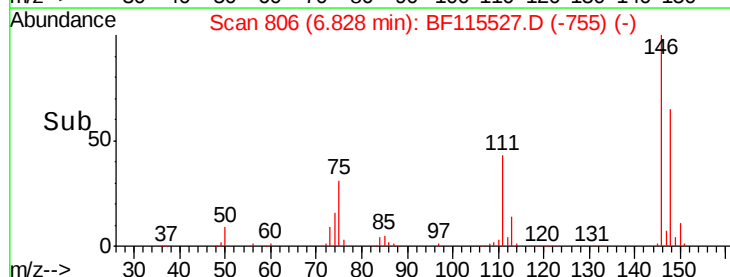
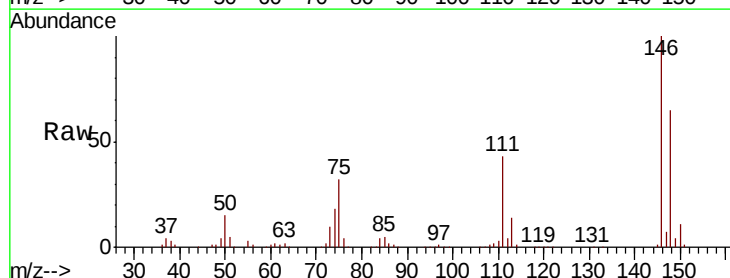
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

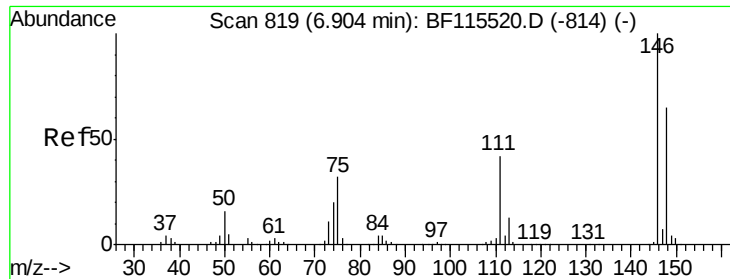
Tot Ion: 93 Resp: 558174
Ion Ratio Lower Upper
93 100
63 71.2 52.2 92.2
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.735 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion: 146 Resp: 642532
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 31.8 24.9 37.3

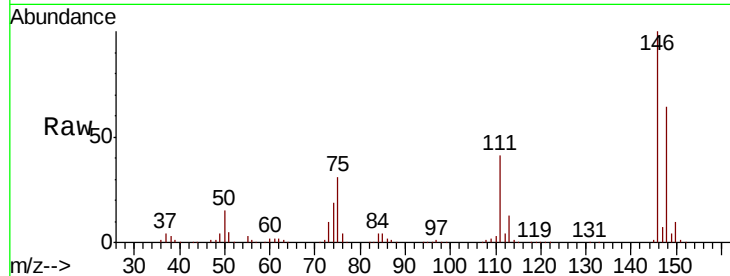




#13
 1,4-Dichlorobenzene
 Concen: 39.013 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	40.8	35.5	53.3

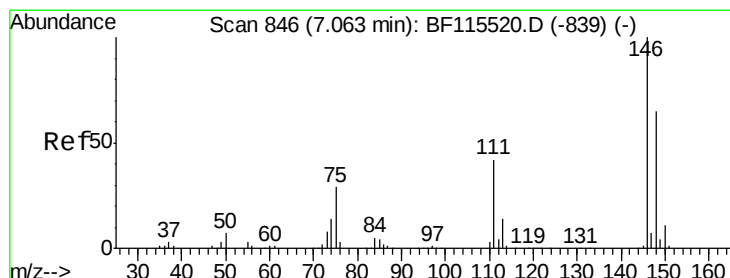
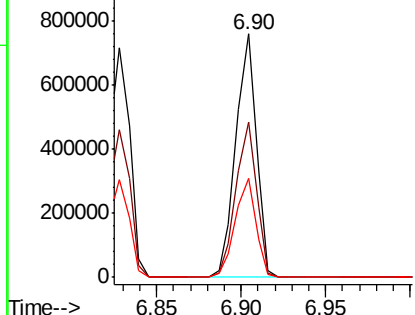
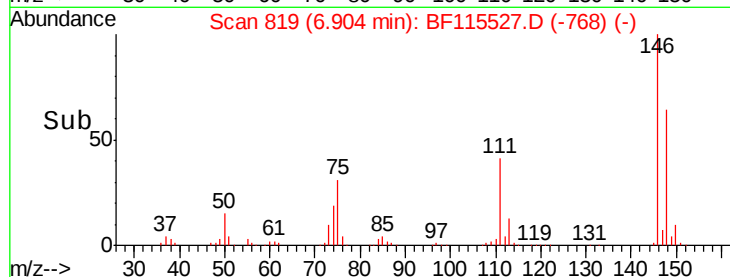


Abundance

Ion 146.00 (145.70 to 146.70): E

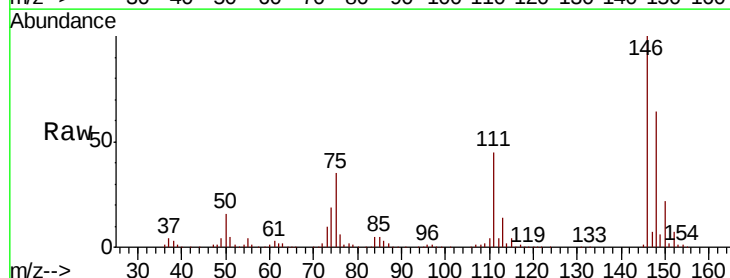
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.430 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	45.3	37.6	56.4

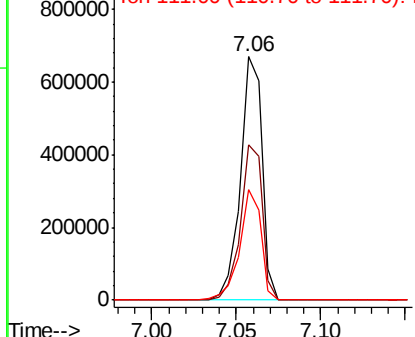
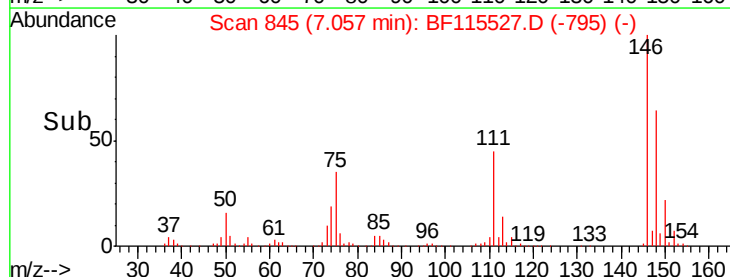


Abundance

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





#15

Benzyl Alcohol

Concen: 39.886 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

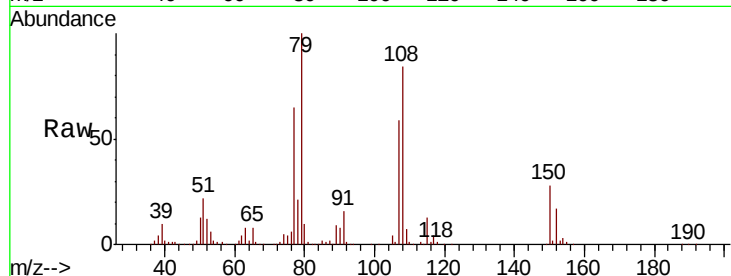
Tot Ion: 79 Resp: 515205

Ion Ratio Lower Upper

79 100

108 84.0 64.2 96.4

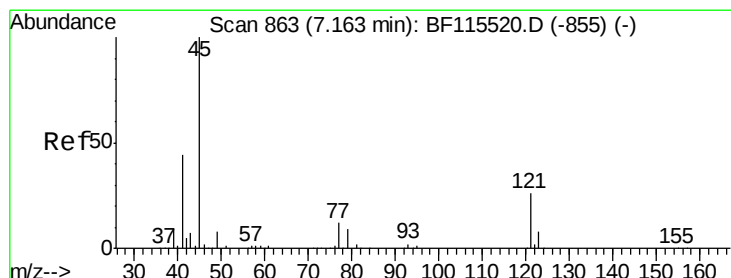
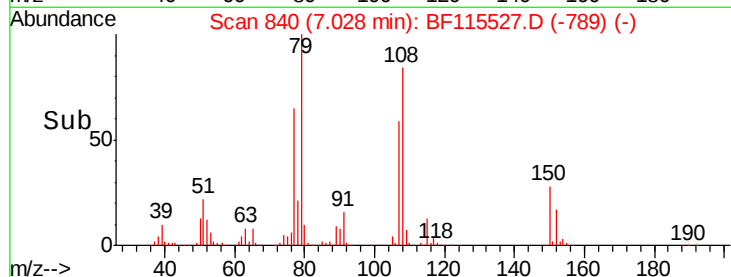
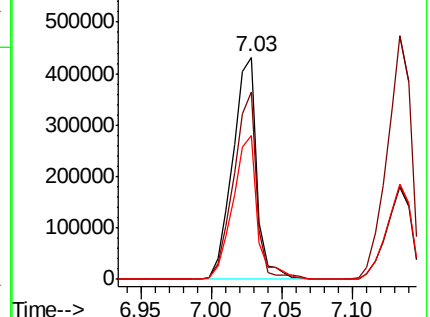
77 64.9 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.295 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

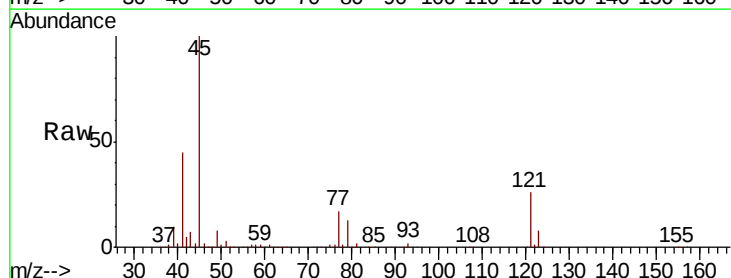
Tgt Ion: 45 Resp: 744505

Ion Ratio Lower Upper

45 100

77 16.7 0.0 38.1

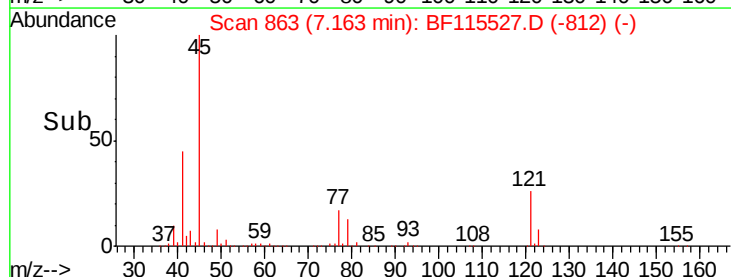
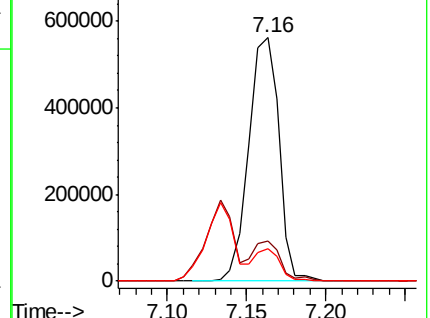
79 13.2 0.0 34.1

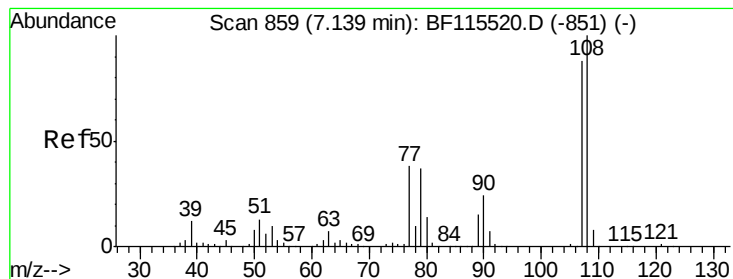


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.142 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 497677

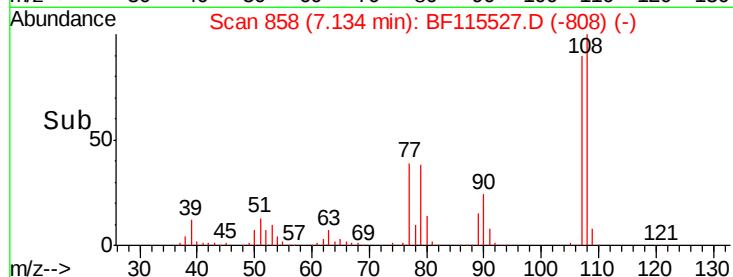
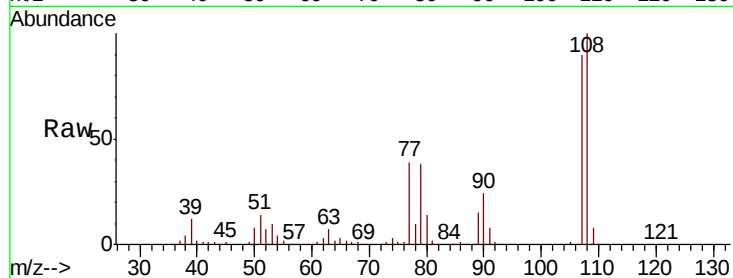
Ion Ratio Lower Upper

107 100

108 111.6 89.4 134.2

77 43.9 35.7 53.5

79 42.7 35.0 52.4

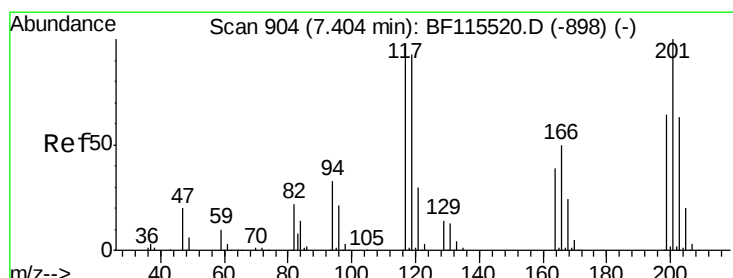
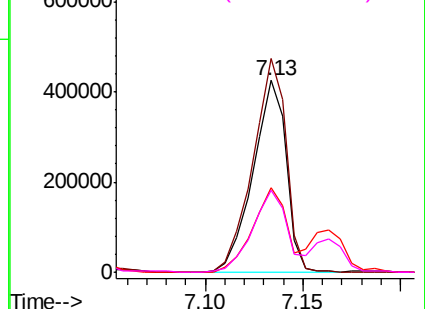


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.581 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

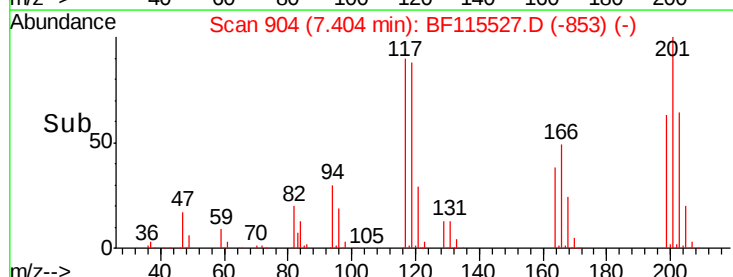
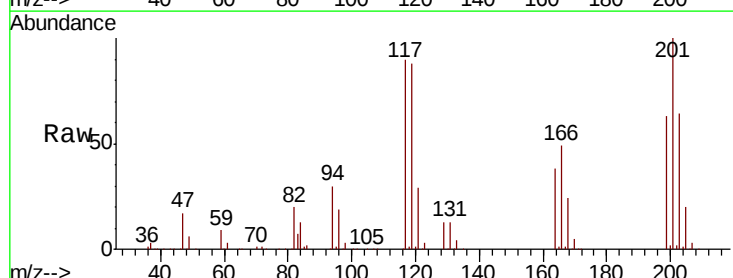
Tgt Ion:117 Resp: 237007

Ion Ratio Lower Upper

117 100

119 97.3 77.7 116.5

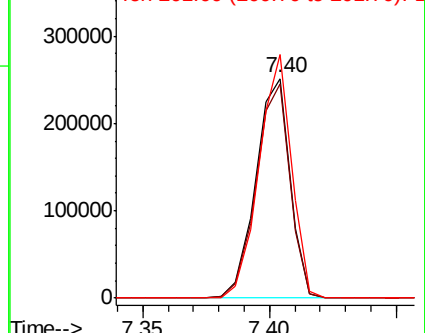
201 110.9 86.0 129.0

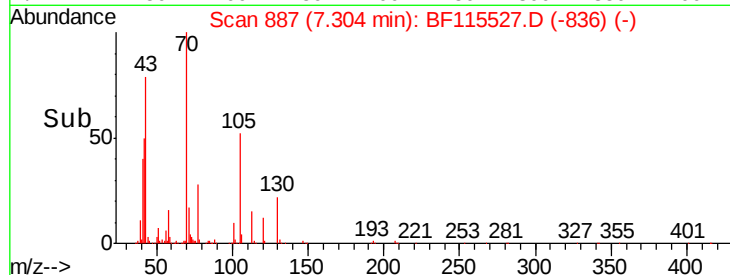
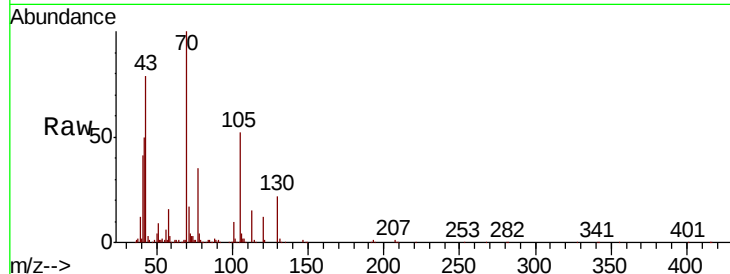
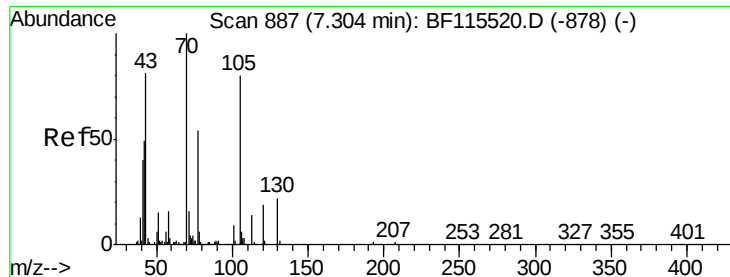


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

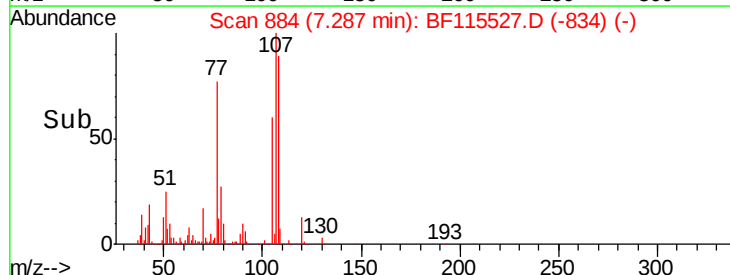
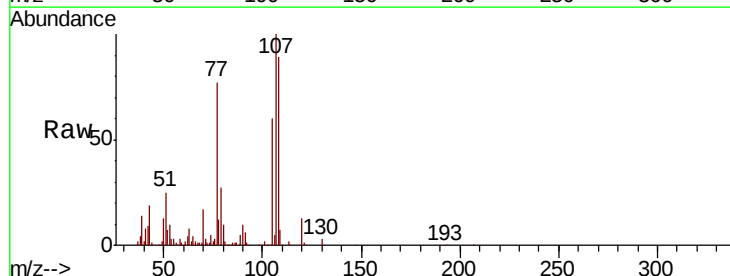
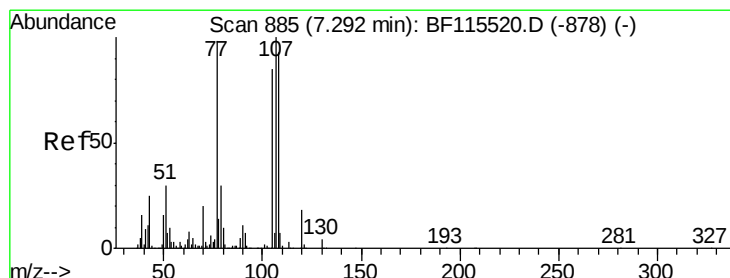
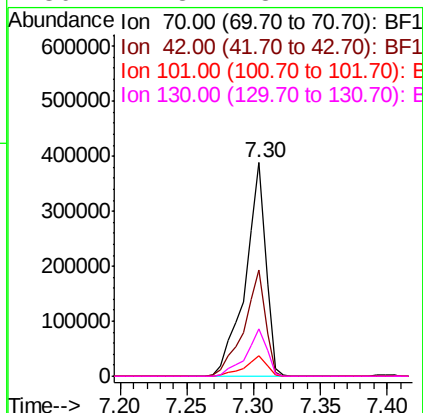




#19
n-Nitroso-di-n-propylamine
Concen: 38.641 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

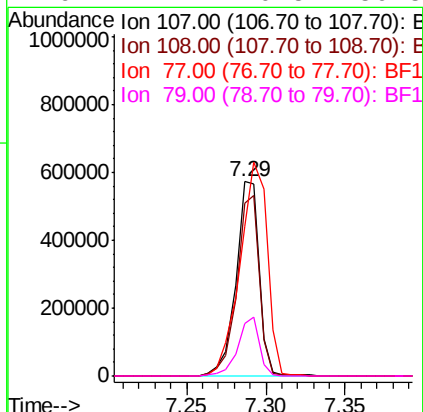
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	410344
Ion	Ratio	Lower	Upper
70	100		
42	49.5	39.6	59.4
101	9.7	8.1	12.1
130	22.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.231 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:	107	Resp:	577380
Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.9	112.9
77	76.9	77.6	117.6#
79	27.1	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 865448

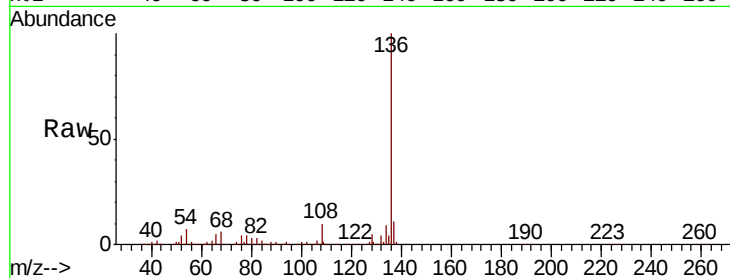
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.8 5.6 8.4

68 6.1 5.0 7.6

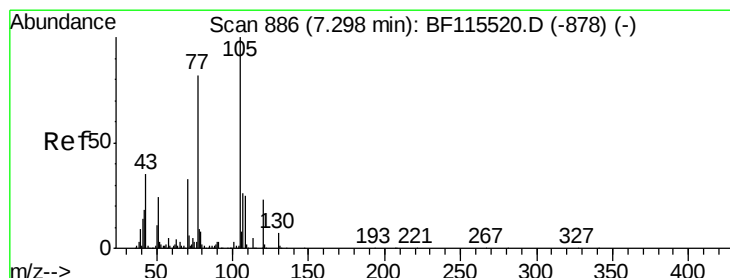
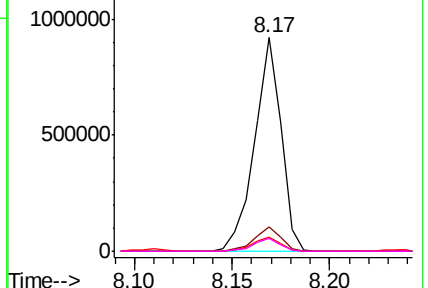
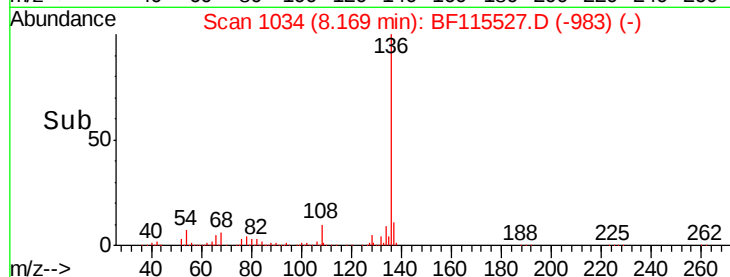


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.091 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Tgt Ion:105 Resp: 764300

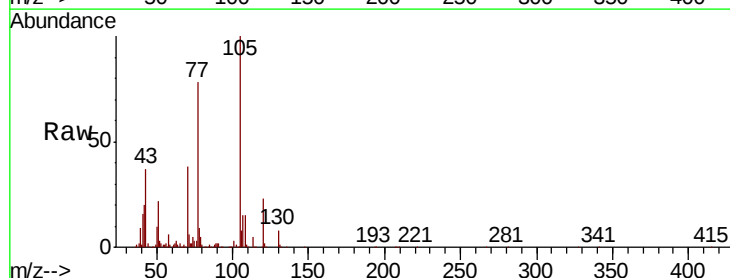
Ion Ratio Lower Upper

105 100

71 6.3 3.5 5.3#

51 22.5 25.6 38.4#

120 22.9 17.9 26.9

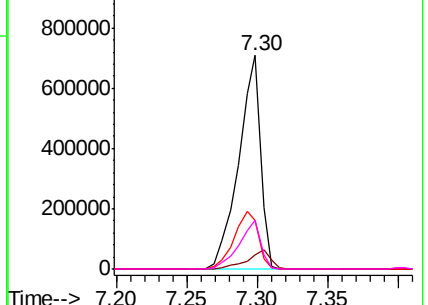
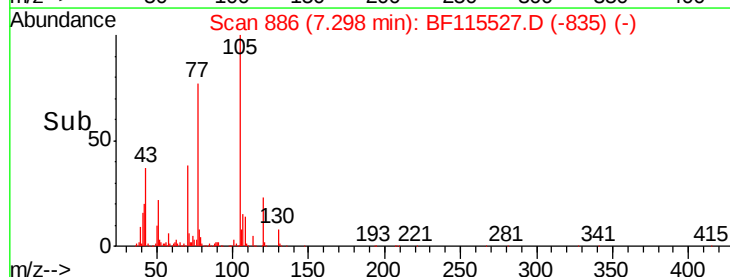


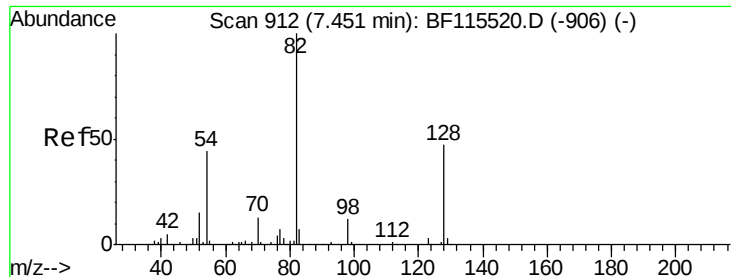
Abundance Ion 105.00 (104.70 to 105.70): E

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



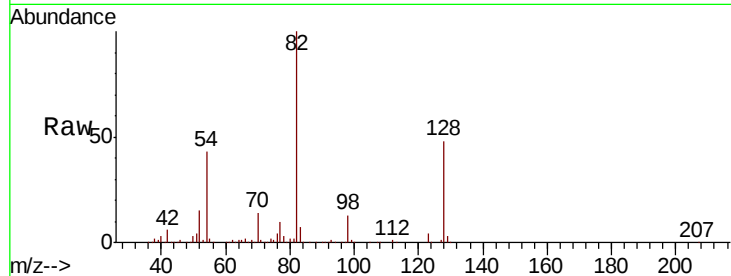


#23
 Nitrobenzene-d5
 Concen: 77.966 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

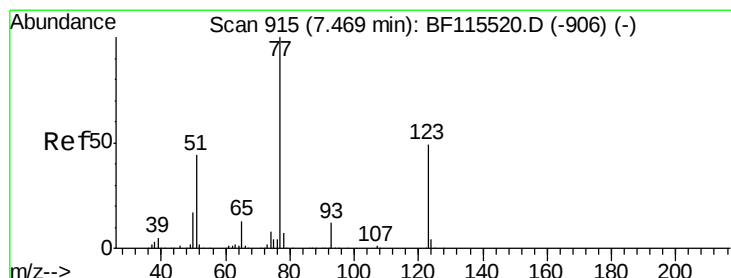
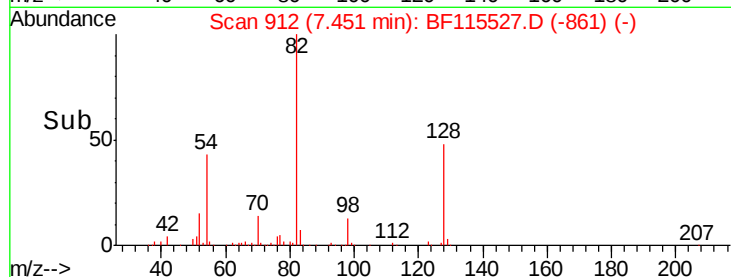
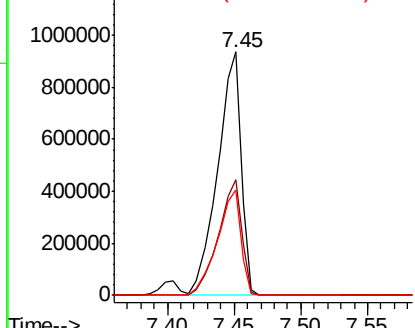
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1160432

Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.6	57.8
54	43.0	35.6	53.4



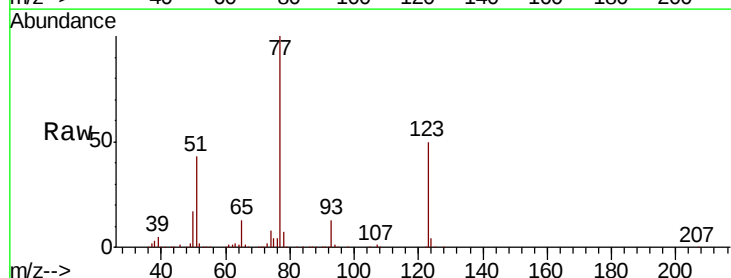
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



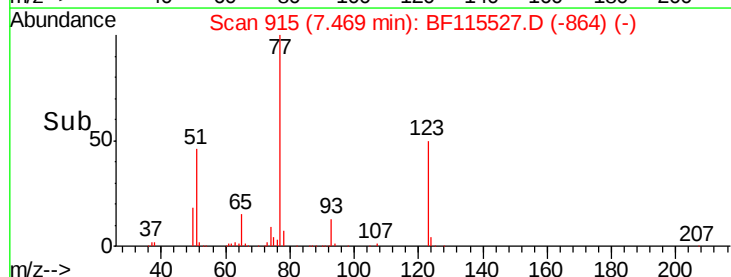
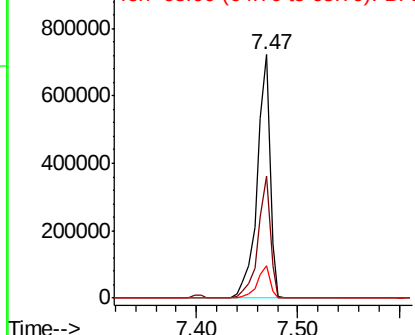
#24
 Nitrobenzene
 Concen: 39.189 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

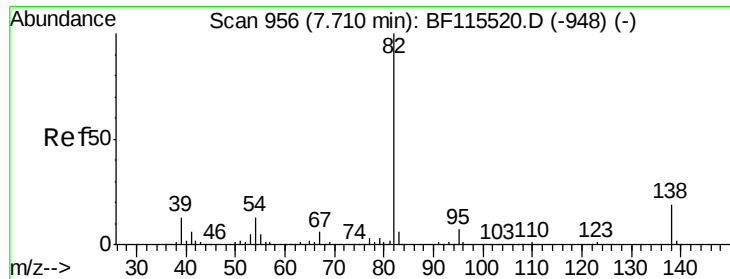
Tgt Ion: 77 Resp: 629119

Ion	Ratio	Lower	Upper
77	100		
123	49.9	40.0	60.0
65	13.4	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.448 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

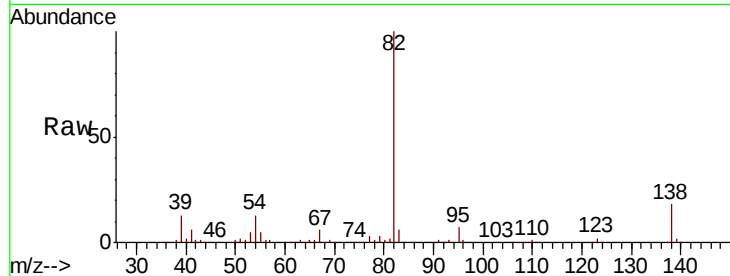
Tot Ion: 82 Resp: 1145085

Ion Ratio Lower Upper

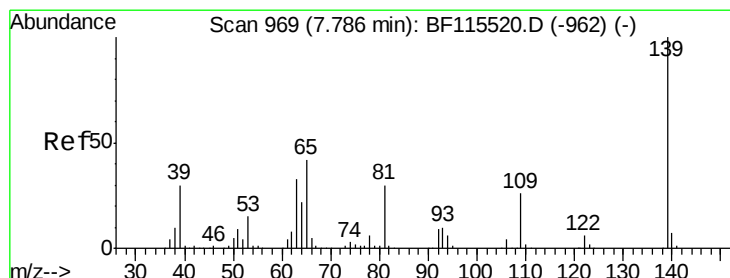
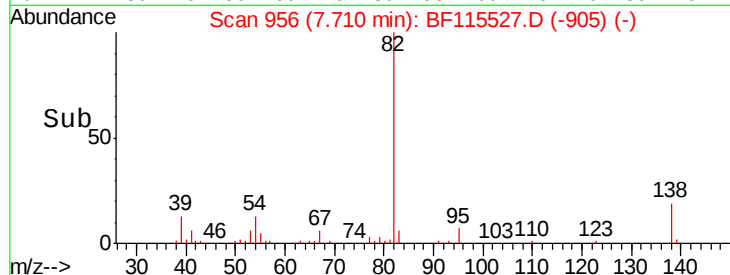
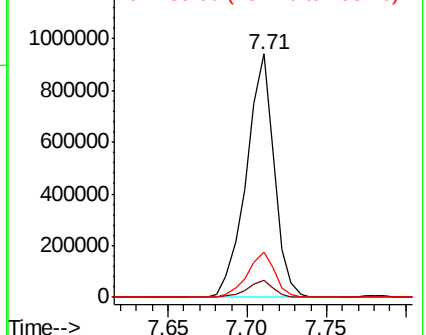
82 100

95 6.9 5.5 8.3

138 18.5 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: 39.635 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

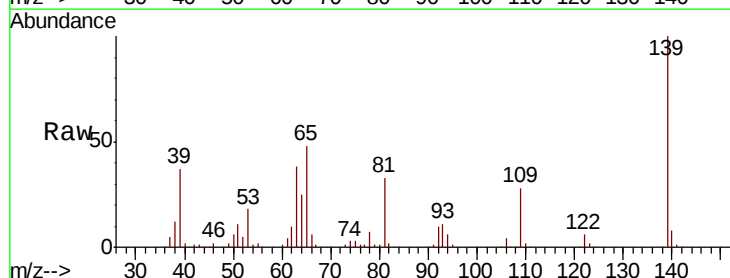
Tgt Ion: 139 Resp: 327503

Ion Ratio Lower Upper

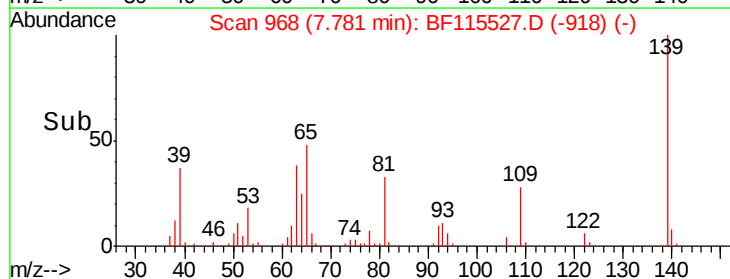
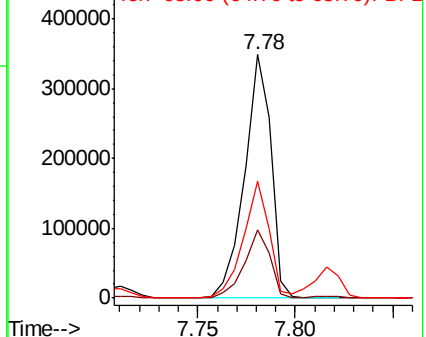
139 100

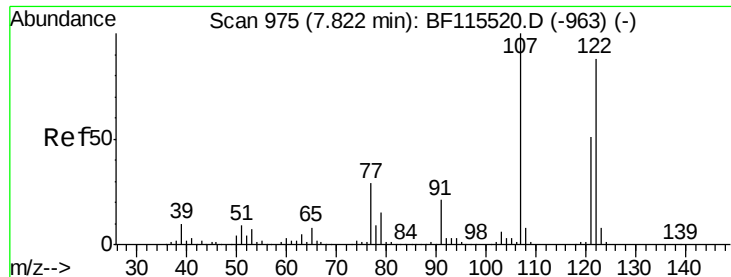
109 28.0 23.3 34.9

65 48.0 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 39.567 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

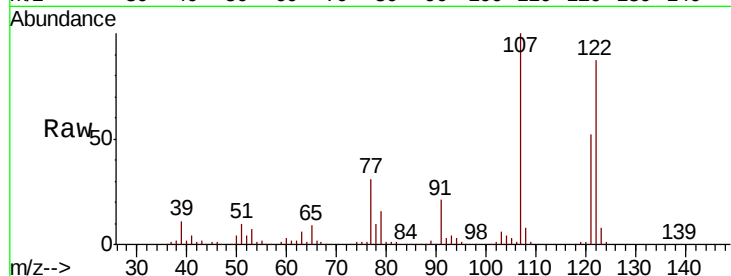
Tot Ion:122 Resp: 489182

Ion Ratio Lower Upper

122 100

107 114.7 92.9 139.3

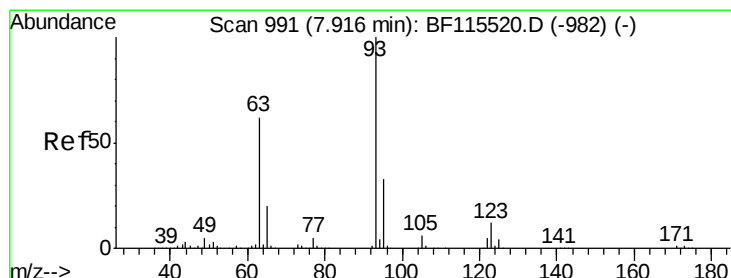
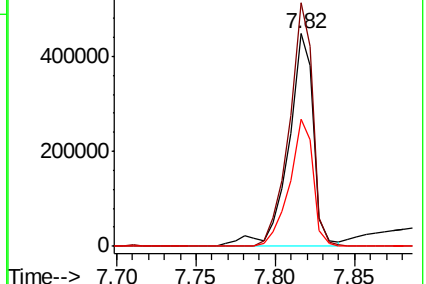
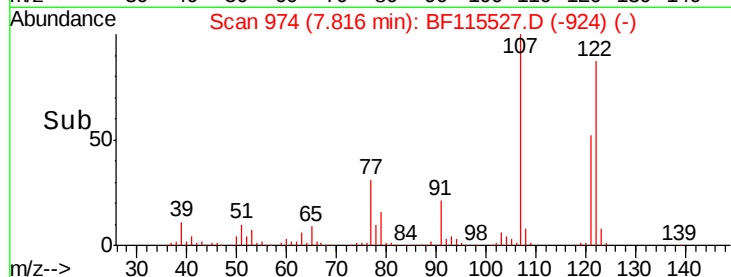
121 59.8 46.9 70.3



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: 39.162 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

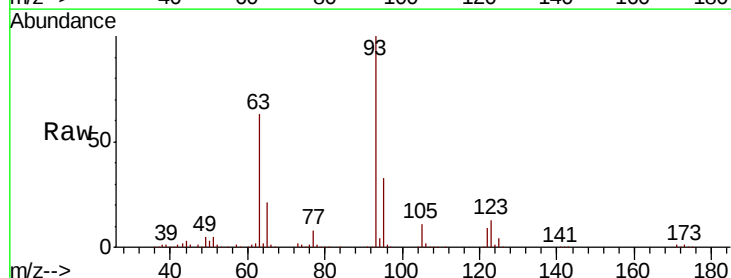
Tgt Ion: 93 Resp: 715530

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

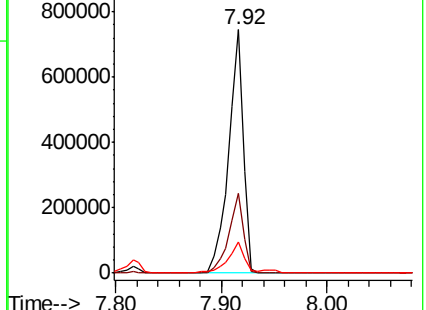
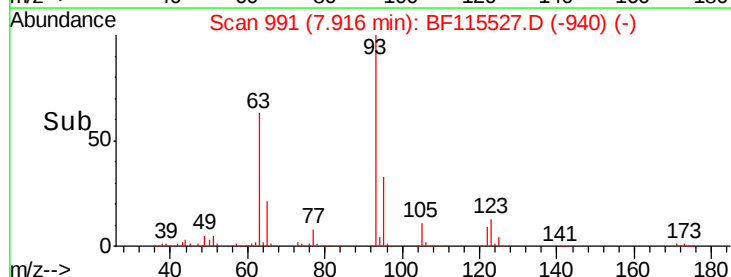
123 12.6 9.9 14.9

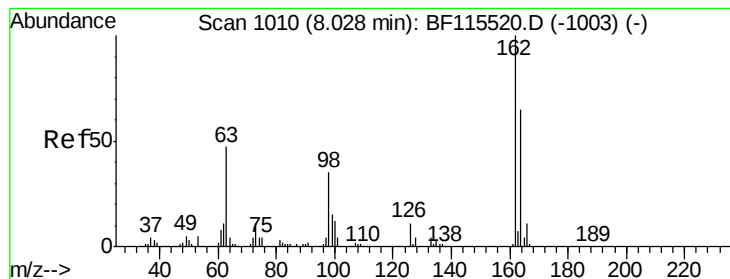


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.669 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

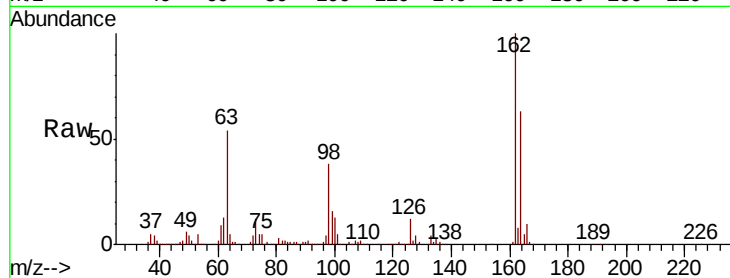
Tot Ion:162 Resp: 510061

Ion Ratio Lower Upper

162 100

164 63.2 44.9 84.9

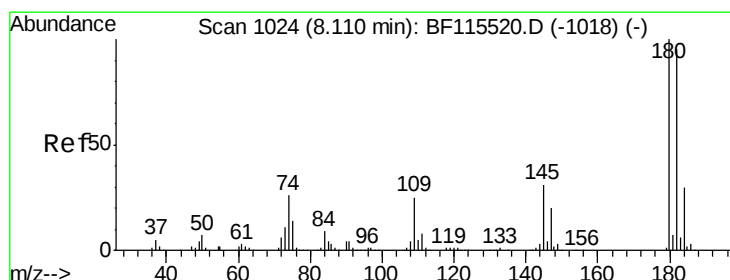
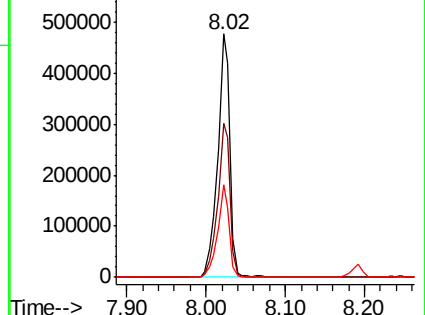
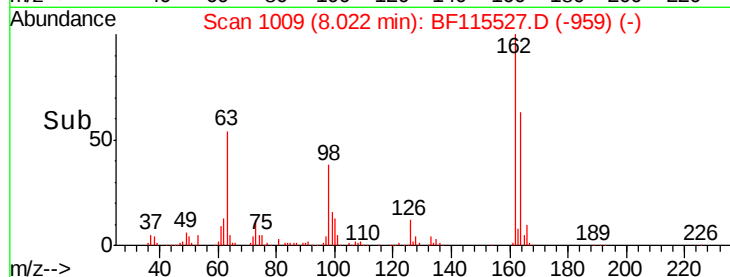
98 37.9 17.7 57.7



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: 39.521 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

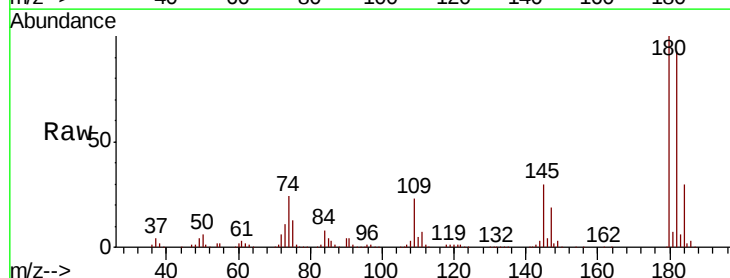
Tgt Ion:180 Resp: 574410

Ion Ratio Lower Upper

180 100

182 93.1 75.0 112.6

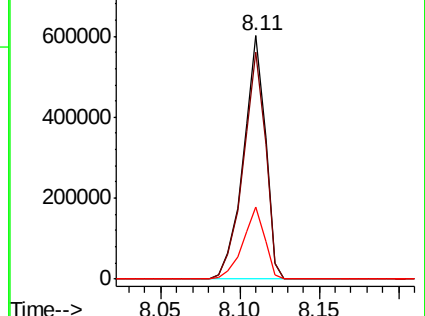
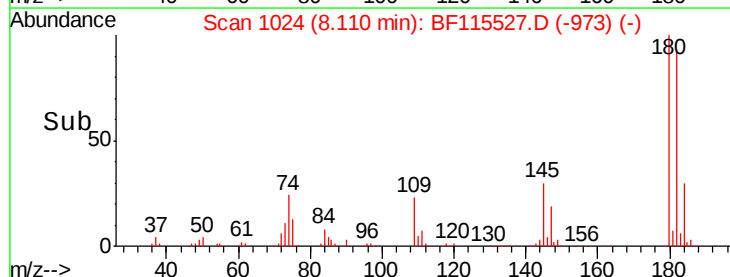
145 29.6 25.1 37.7

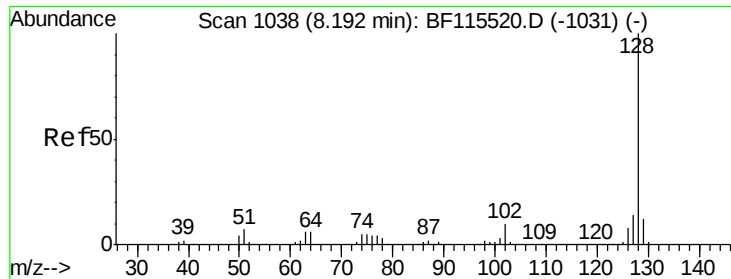


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

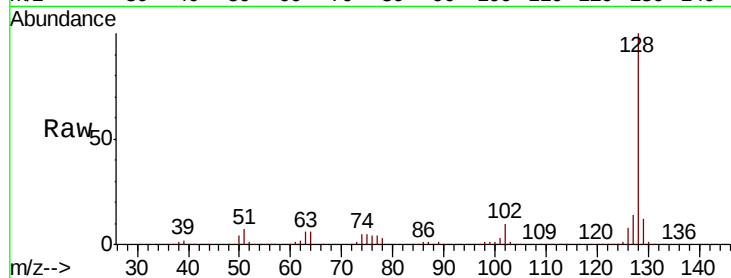




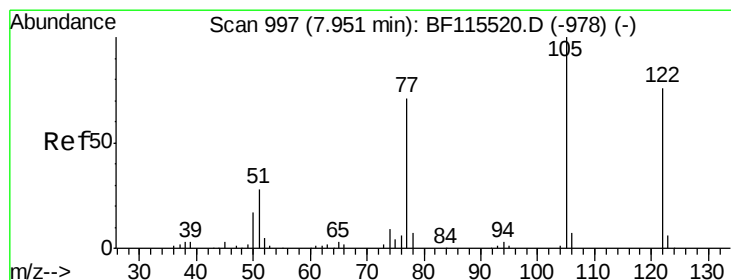
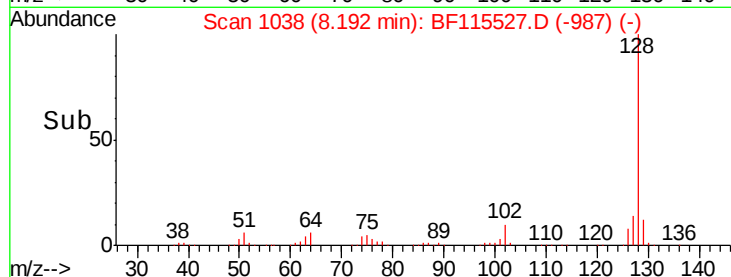
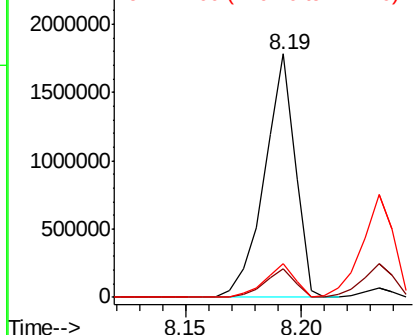
#31
Naphthalene
Concen: 39.322 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1648130
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 14.0 12.1 18.1

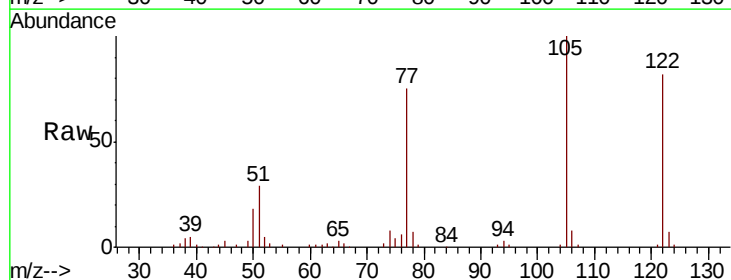


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

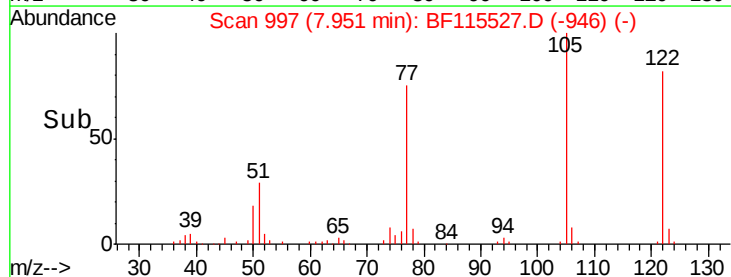
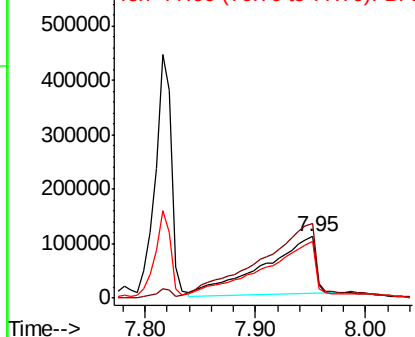


#32
Benzoic acid
Concen: 33.820 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:122 Resp: 343151
Ion Ratio Lower Upper
122 100
105 122.1 102.5 142.5
77 91.2 70.2 110.2



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

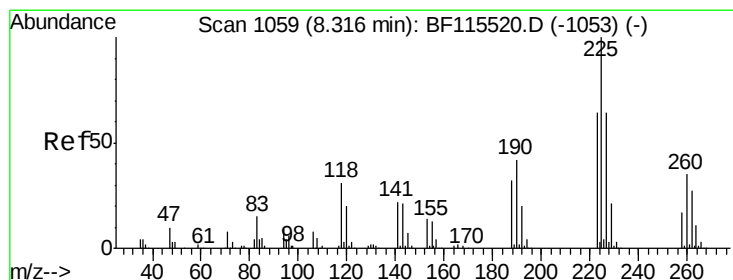
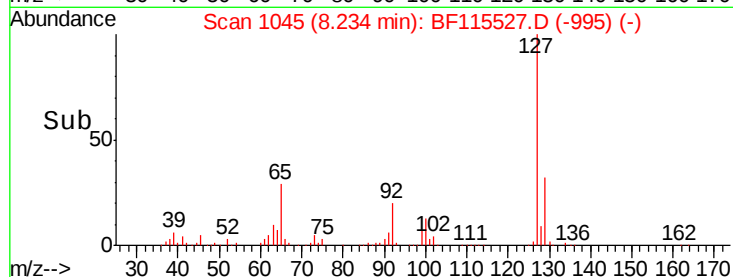
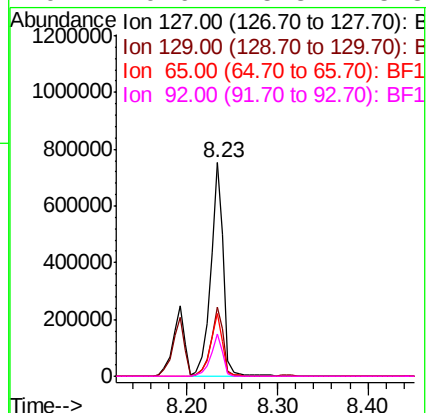
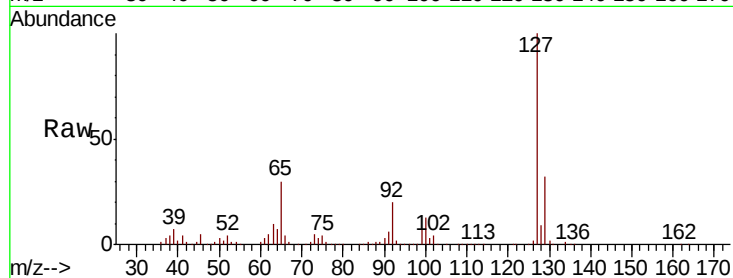




#33
4-Chloroaniline
Concen: 39.234 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

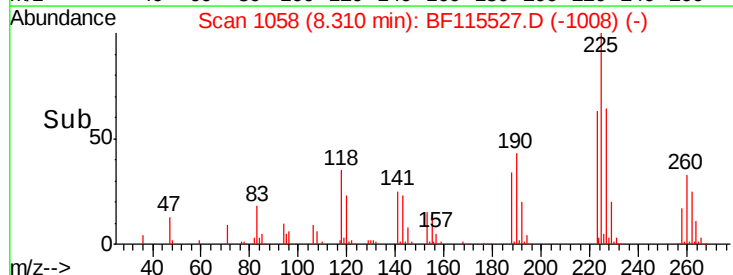
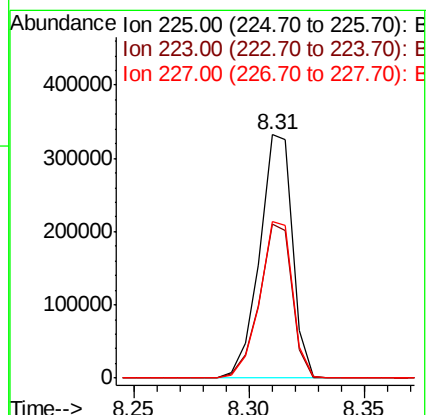
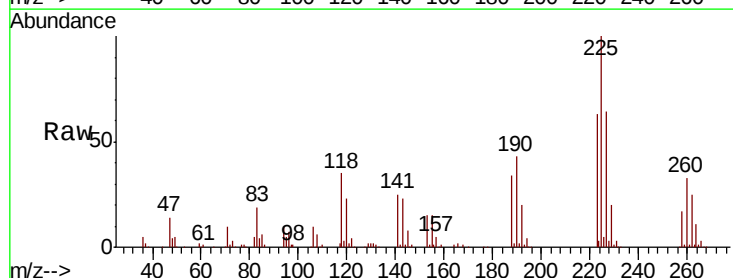
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

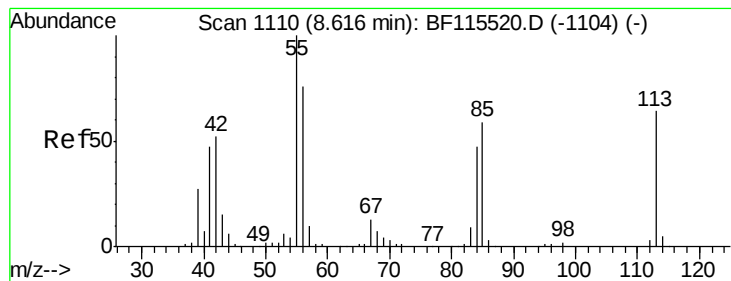
Tot Ion:	127	Resp:	728403
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.5	23.7	35.5
92	19.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 39.662 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:	225	Resp:	330578
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	64.3	50.7	76.1





#35

Caprolactam

Concen: 39.345 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

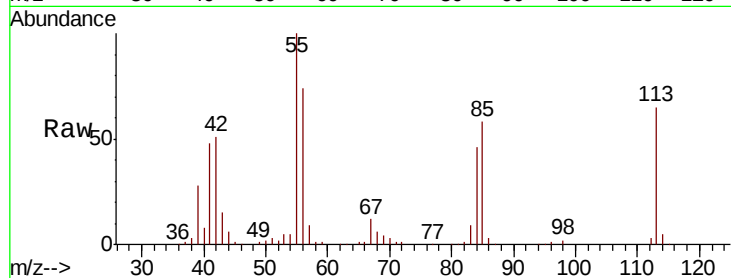
Tot Ion:113 Resp: 156329

Ion Ratio Lower Upper

113 100

55 154.3 126.9 166.9

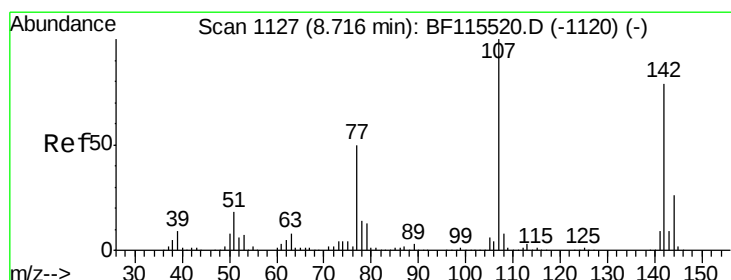
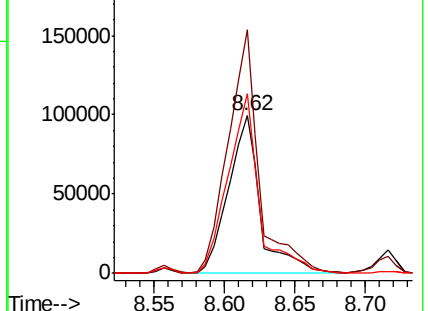
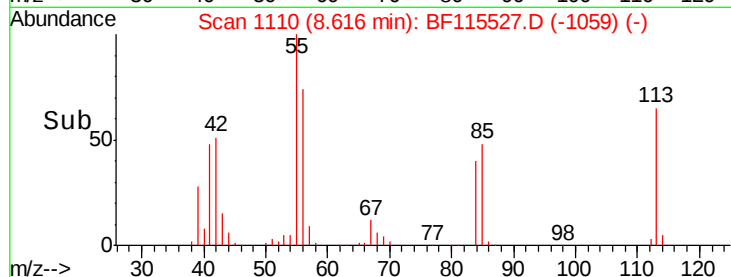
56 113.6 90.3 130.3



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: 39.158 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

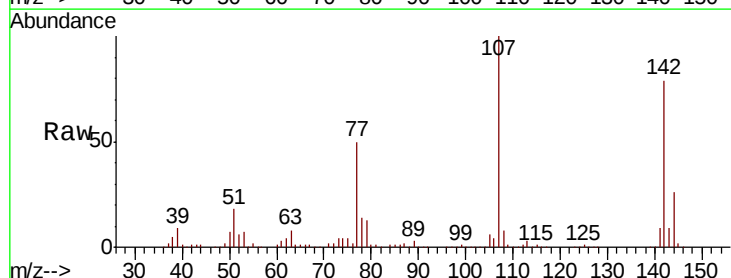
Tgt Ion:107 Resp: 522271

Ion Ratio Lower Upper

107 100

144 25.6 20.6 30.8

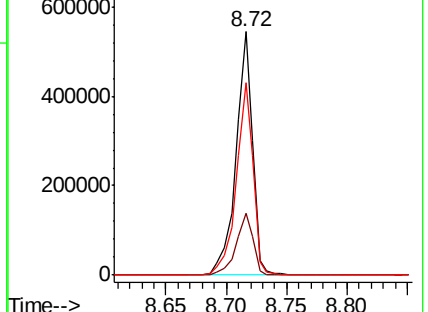
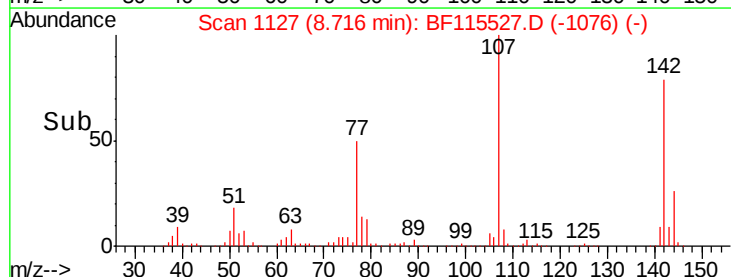
142 79.2 63.1 94.7

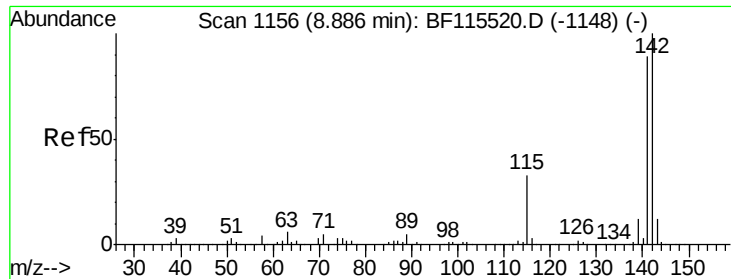


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

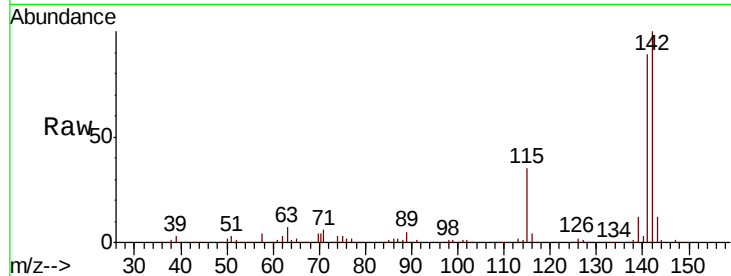




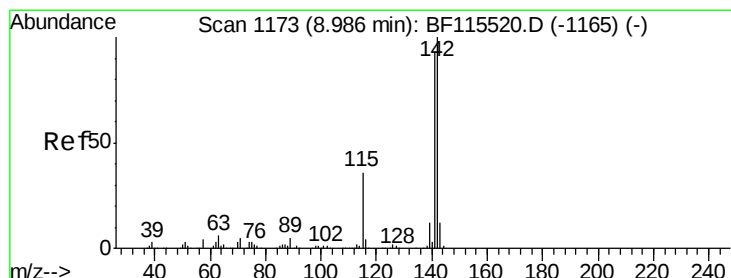
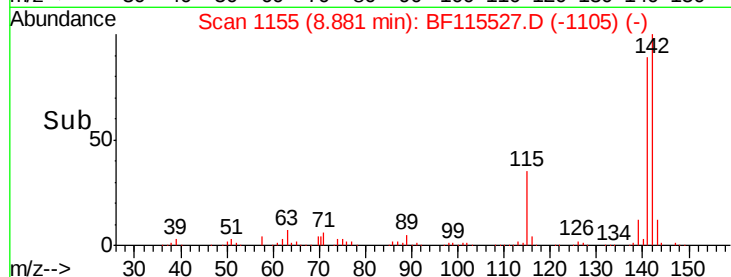
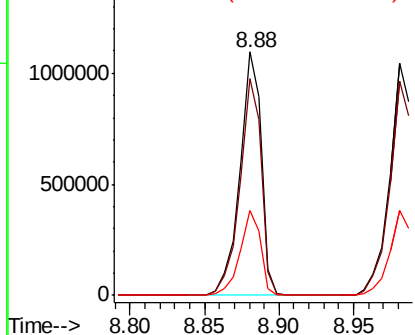
#37
2-Methylnaphthalene
Concen: 39.250 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1090511
Ion Ratio Lower Upper
142 100
141 88.9 72.0 108.0
115 34.8 29.9 44.9

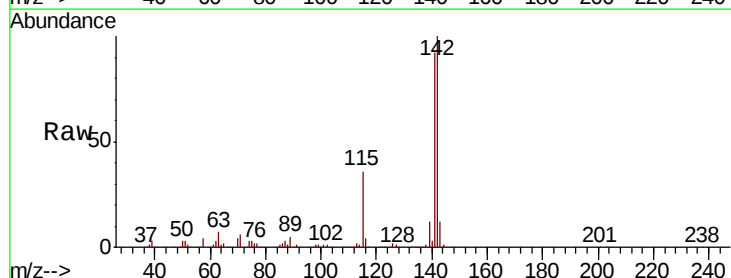


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

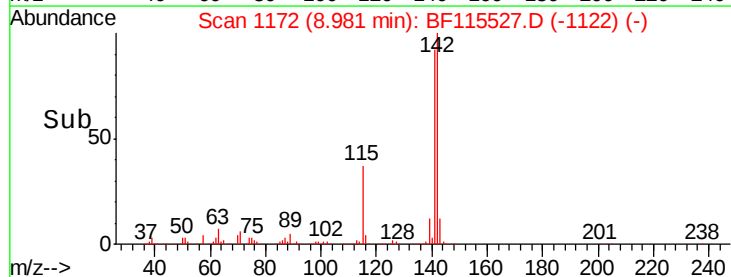
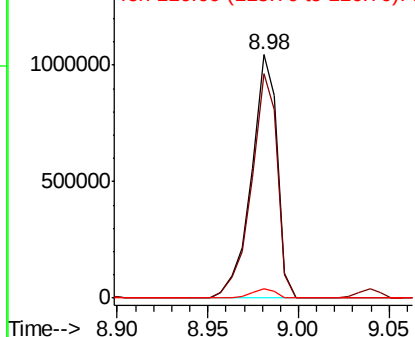


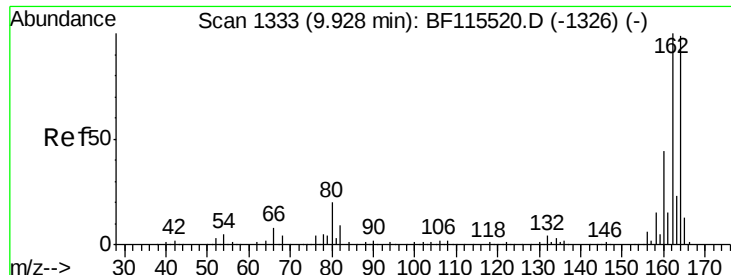
#38
1-Methylnaphthalene
Concen: 39.030 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:142 Resp: 1029989
Ion Ratio Lower Upper
142 100
141 92.1 75.3 112.9
116 3.9 3.3 4.9



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

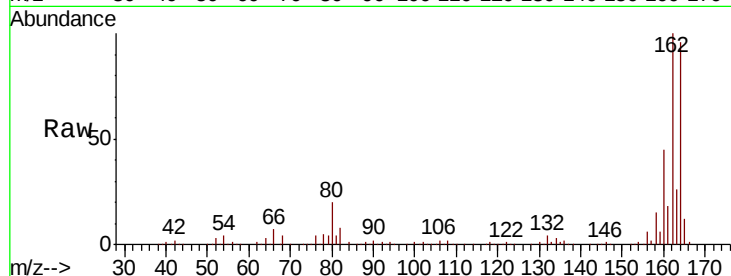




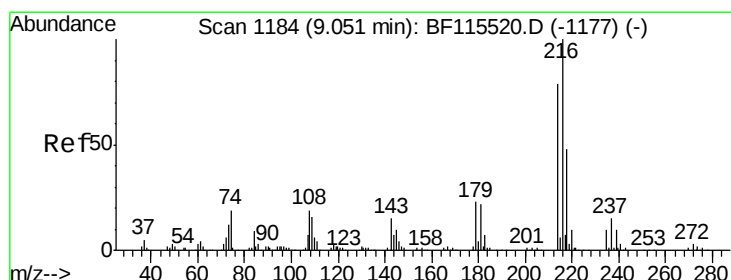
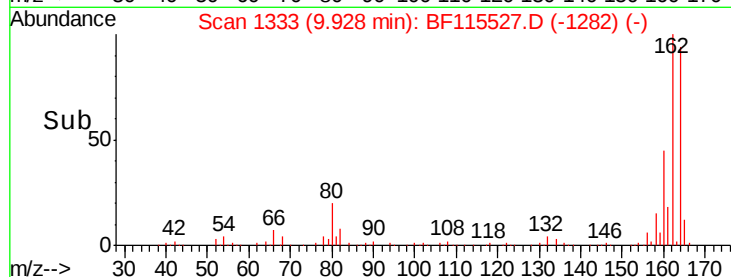
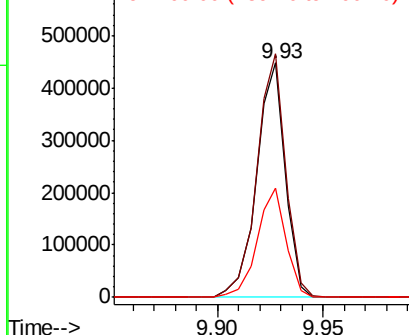
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 422335
Ion Ratio Lower Upper
164 100
162 103.9 82.9 124.3
160 46.5 36.8 55.2

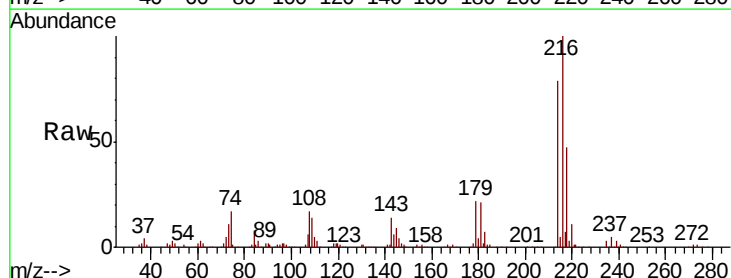


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

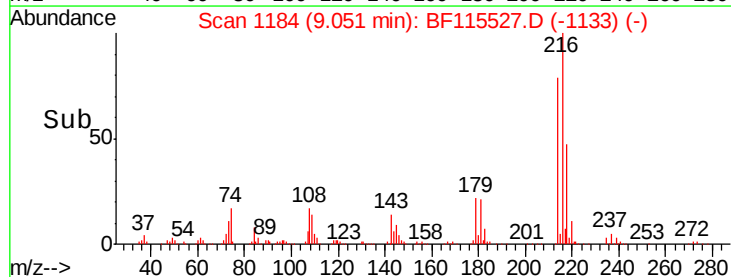
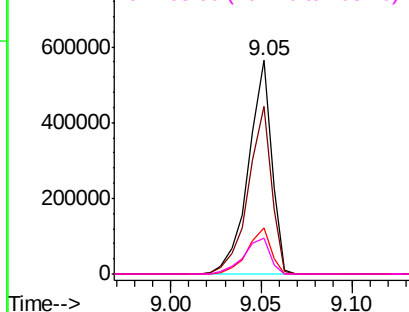


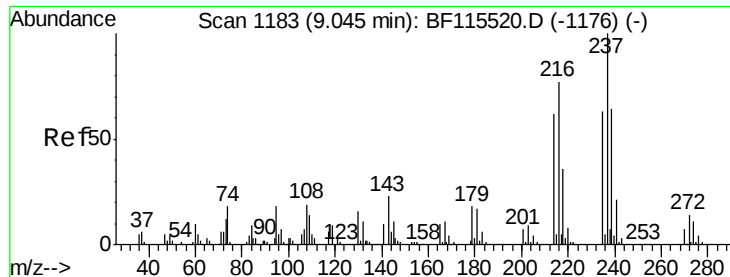
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.601 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:216 Resp: 503647
Ion Ratio Lower Upper
216 100
214 78.8 65.1 97.7
179 21.9 18.3 27.5
108 19.2 15.7 23.5



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: 38.553 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

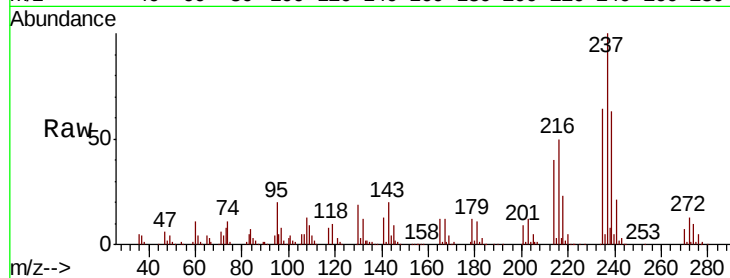
Tot Ion:237 Resp: 279699

Ion Ratio Lower Upper

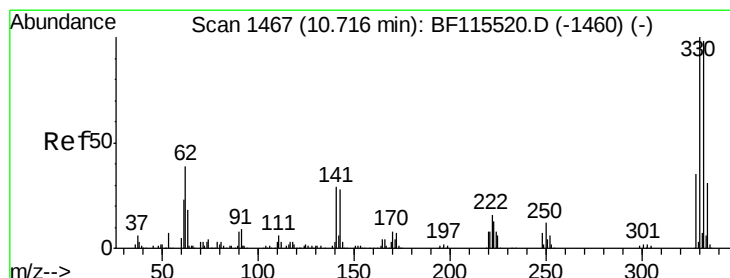
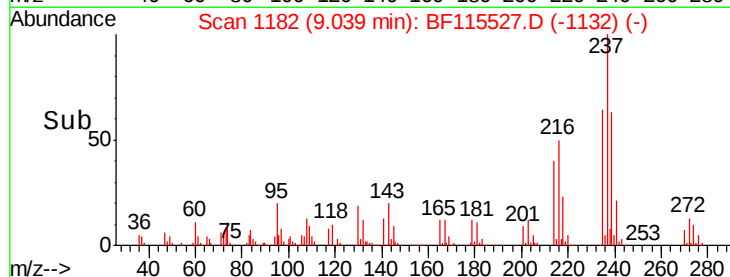
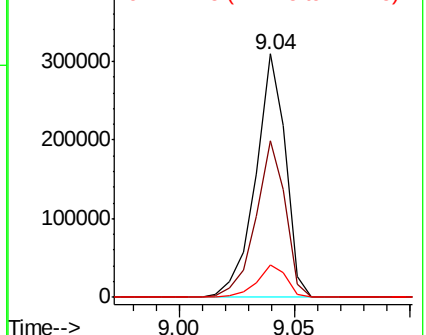
237 100

235 64.3 43.6 83.6

272 13.5 0.0 33.9



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: 78.690 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

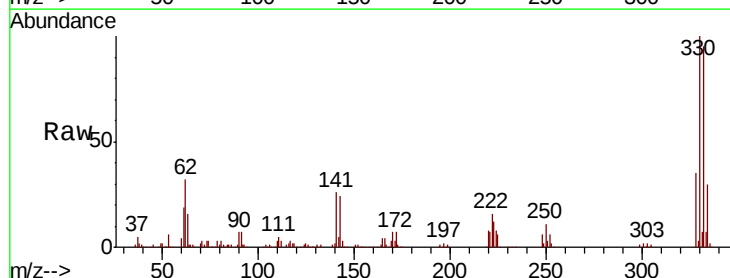
Tgt Ion:330 Resp: 387917

Ion Ratio Lower Upper

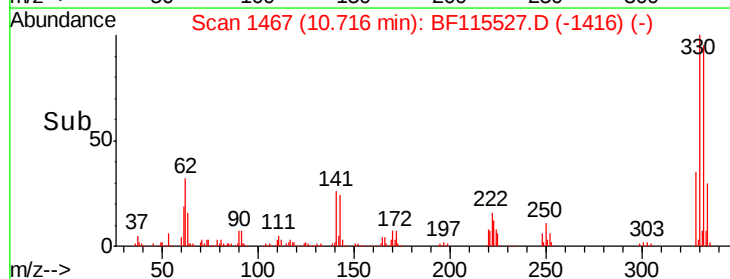
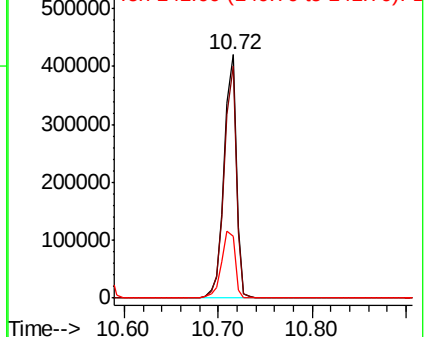
330 100

332 94.8 77.4 116.2

141 30.3 22.4 33.6



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

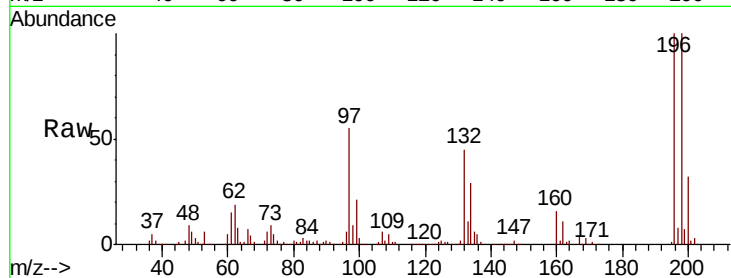




#43
 2,4,6-Trichlorophenol
 Concen: 39.690 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	80.6	121.0
200	31.8	25.8	38.6

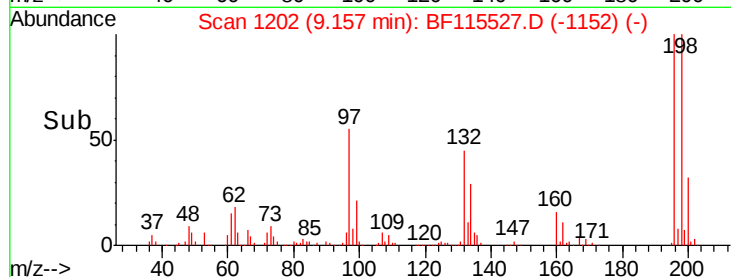
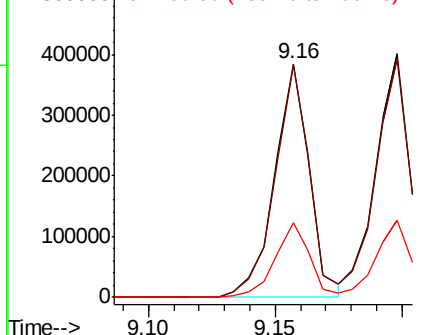


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.135 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.6	119.4
97	45.7	37.8	56.6
132	27.9	22.8	34.2

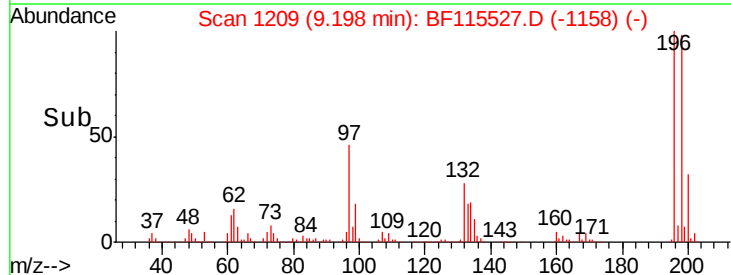
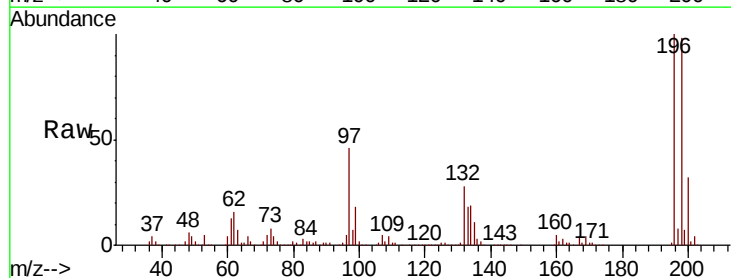
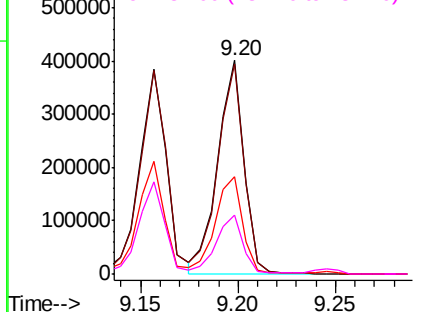
Abundance

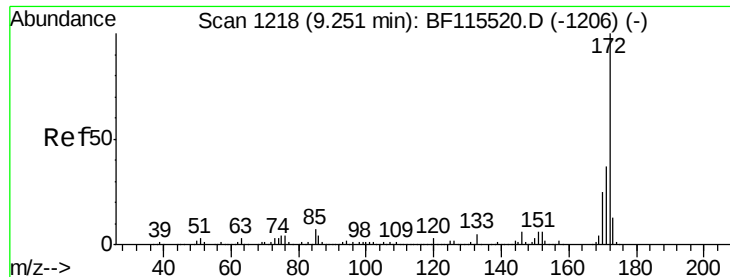
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

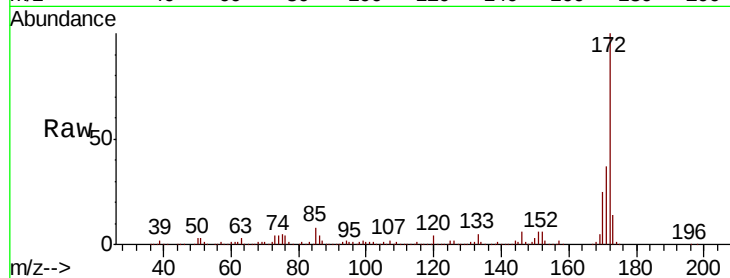




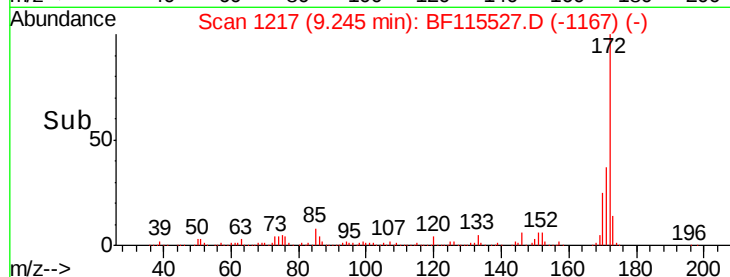
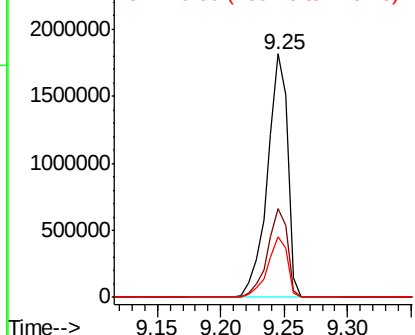
#45
2-Fluorobiphenyl
Concen: 82.996 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2002653
Ion Ratio Lower Upper
172 100
171 36.7 30.6 46.0
170 24.9 20.5 30.7

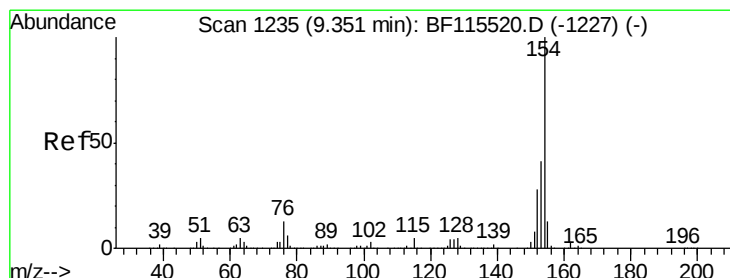


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

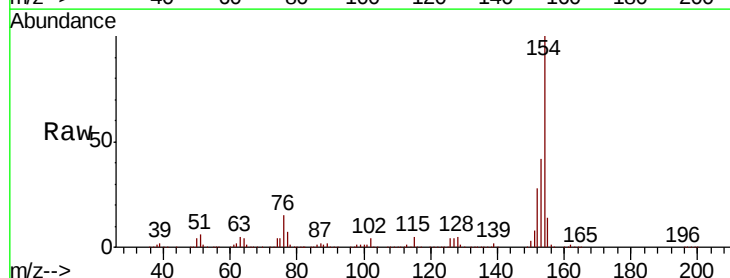
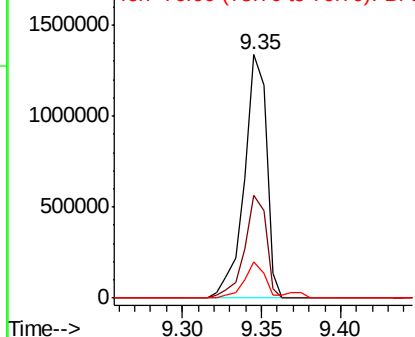


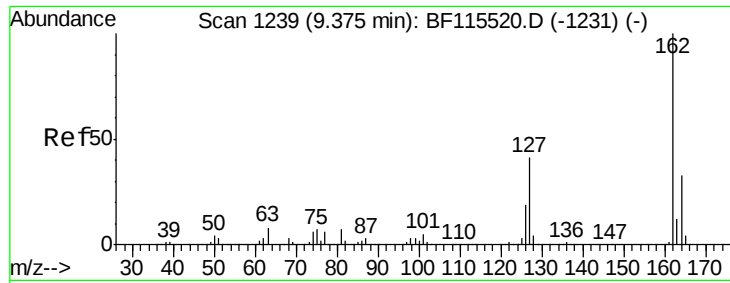
#46
1,1'-Biphenyl
Concen: 39.277 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:154 Resp: 1296848
Ion Ratio Lower Upper
154 100
153 42.3 22.6 62.6
76 14.7 0.0 33.4



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

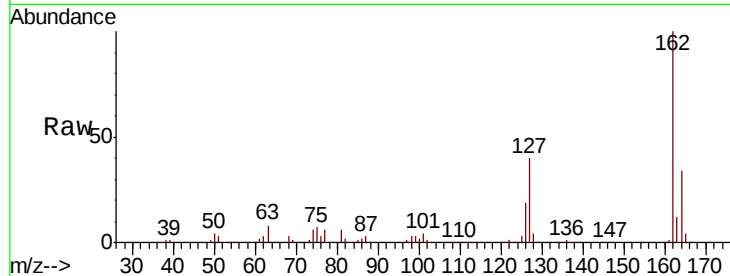




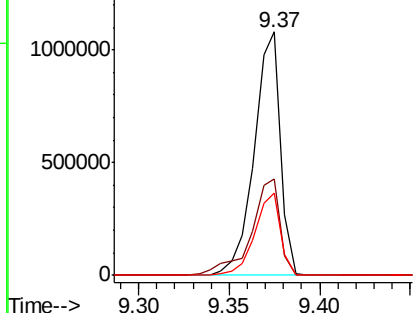
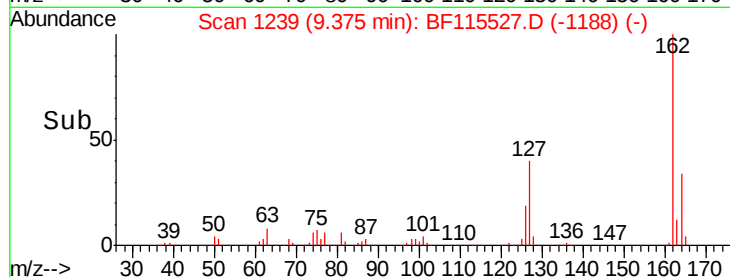
#47
2-Chloronaphthalene
Concen: 39.472 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1085168
Ion Ratio Lower Upper
162 100
127 39.6 34.1 51.1
164 33.9 27.4 41.2

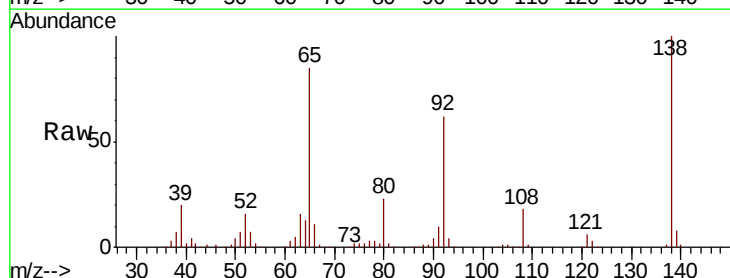


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

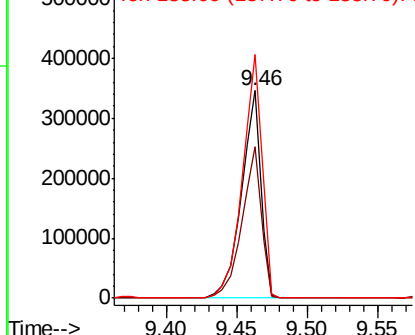
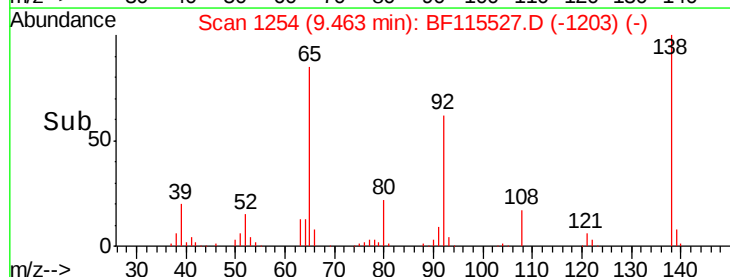


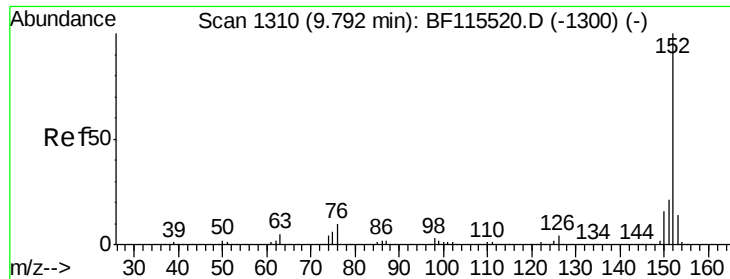
#48
2-Nitroaniline
Concen: 38.853 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion: 65 Resp: 330606
Ion Ratio Lower Upper
65 100
92 72.9 57.8 86.6
138 117.4 91.2 136.8



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





#49

Acenaphthylene

Concen: 39.309 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

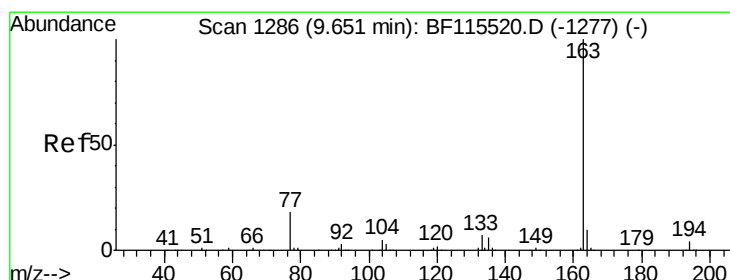
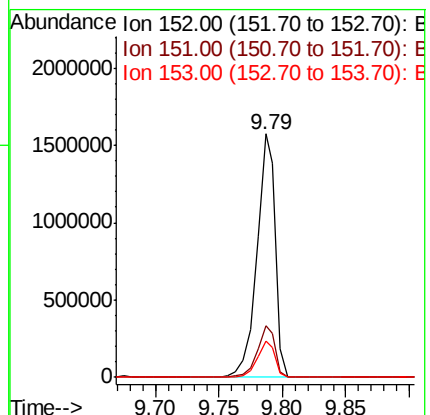
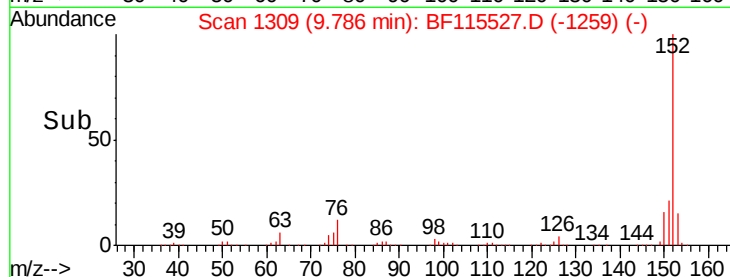
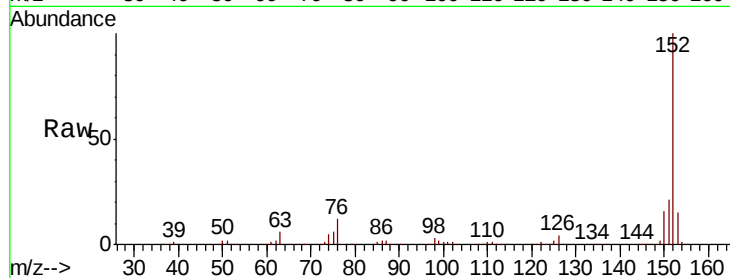
Tot Ion:152 Resp: 1601306

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

153 14.7 12.0 18.0



#50

Dimethylphthalate

Concen: 38.640 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

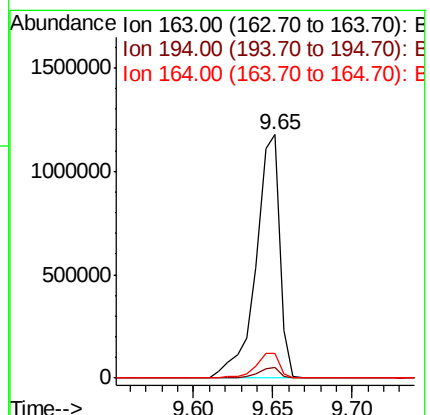
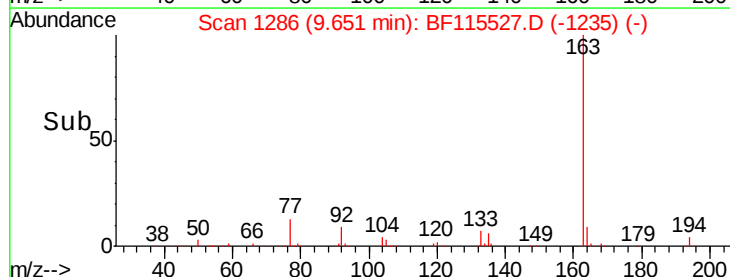
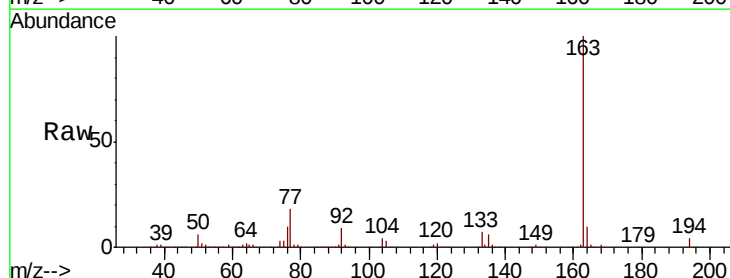
Tgt Ion:163 Resp: 1227805

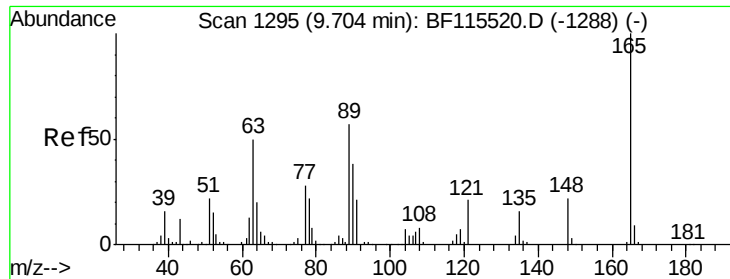
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.7 13.1

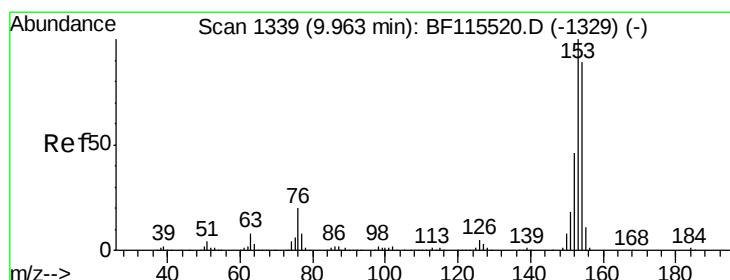
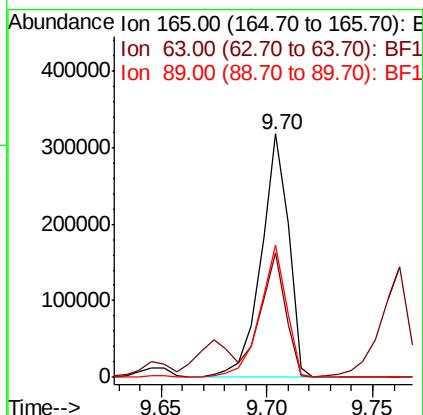
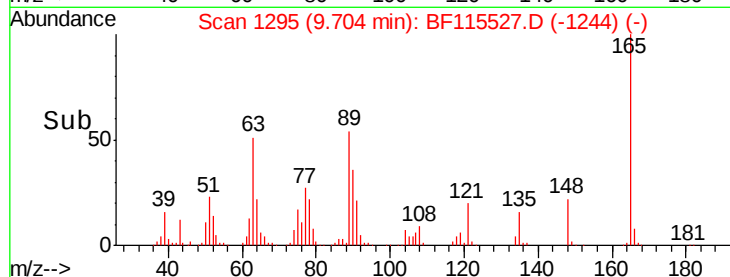
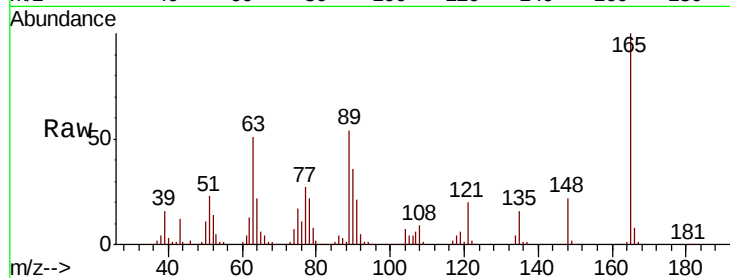




#51
2,6-Dinitrotoluene
Concen: 39.756 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

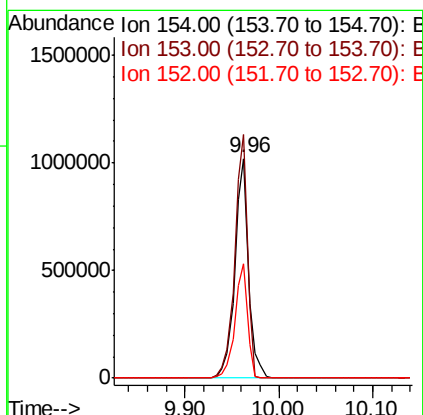
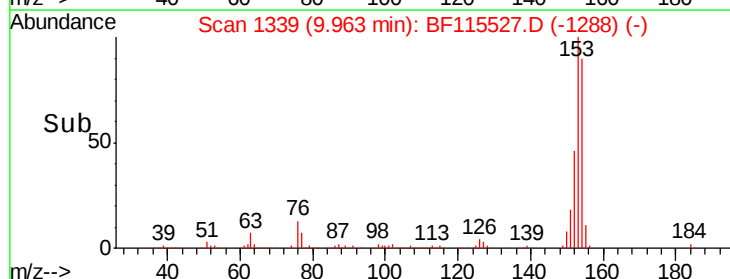
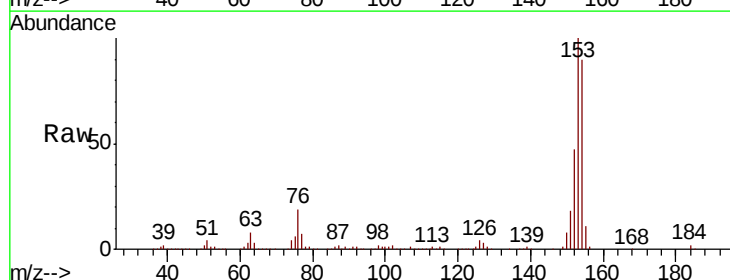
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

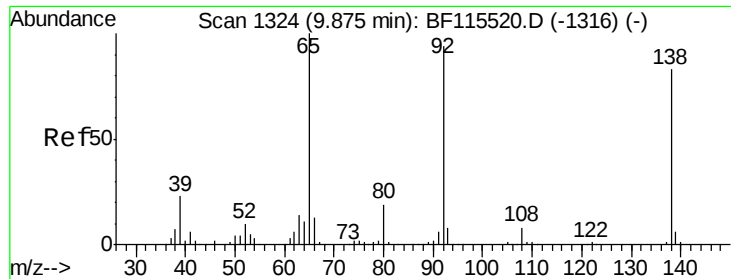
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	40.6	61.0
89	54.4	43.9	65.9



#52
Acenaphthene
Concen: 39.229 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.6	133.0
152	51.9	42.3	63.5

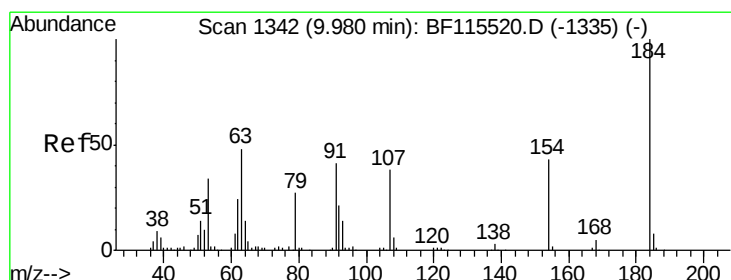
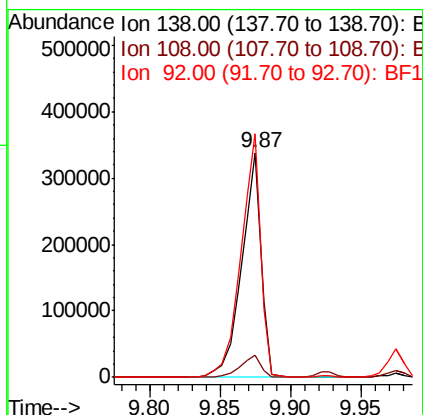
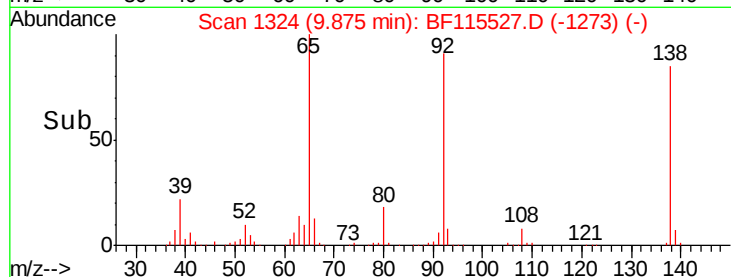
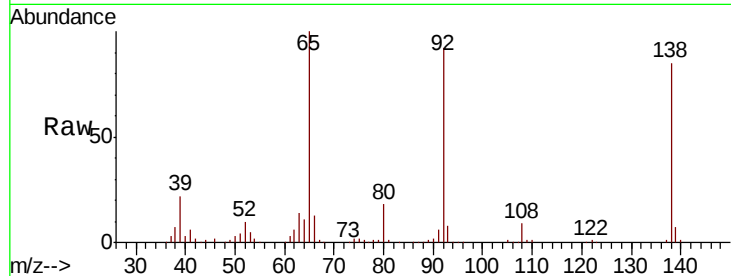




#53
3-Nitroaniline
Concen: 39.100 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

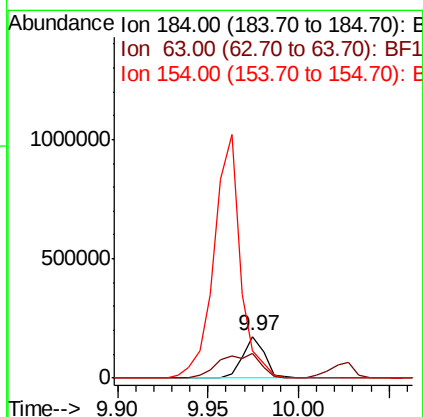
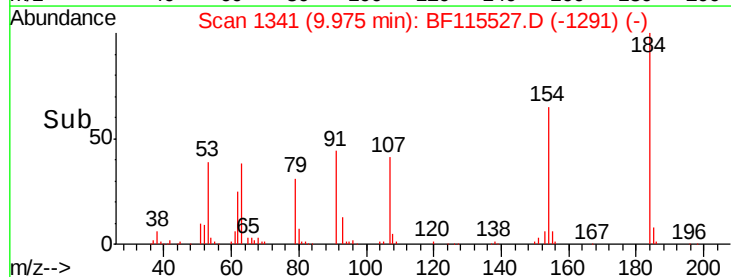
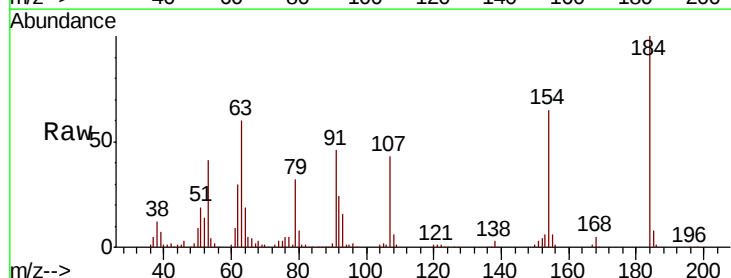
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

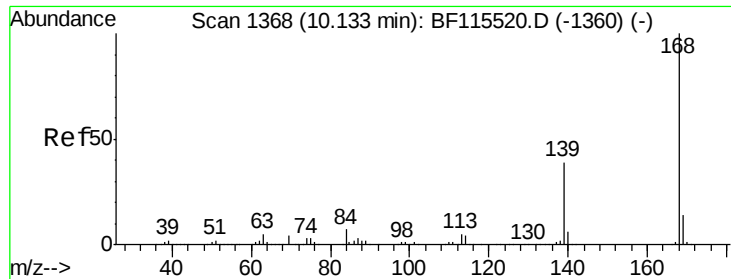
Tot Ion:138 Resp: 322652
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 108.5 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 39.924 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:184 Resp: 148017
Ion Ratio Lower Upper
184 100
63 59.5 48.7 73.1
154 65.4 48.6 73.0

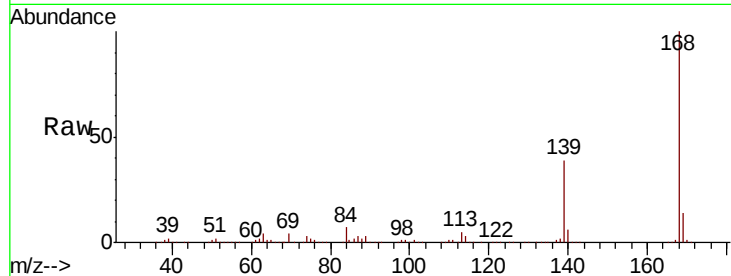




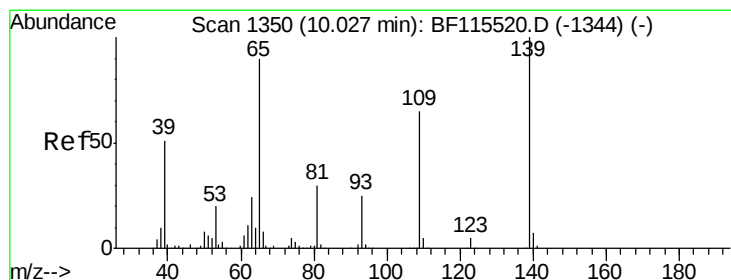
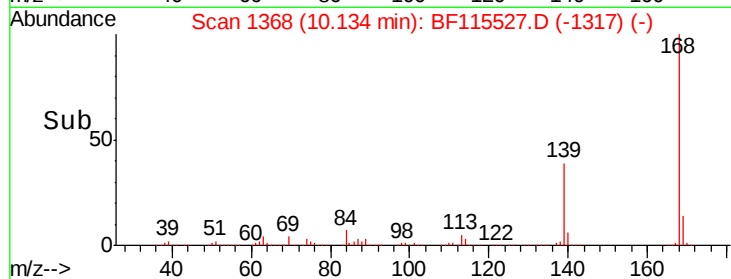
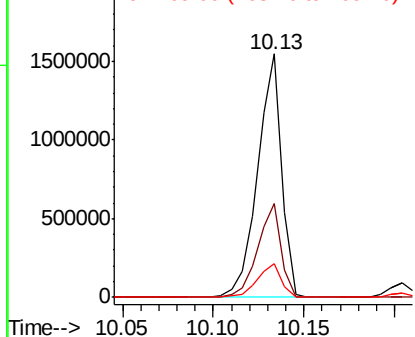
#55
Dibenzofuran
Concen: 38.103 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1423152
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7
169 13.9 11.1 16.7

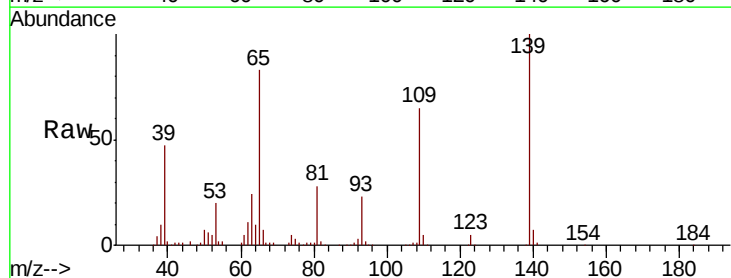


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

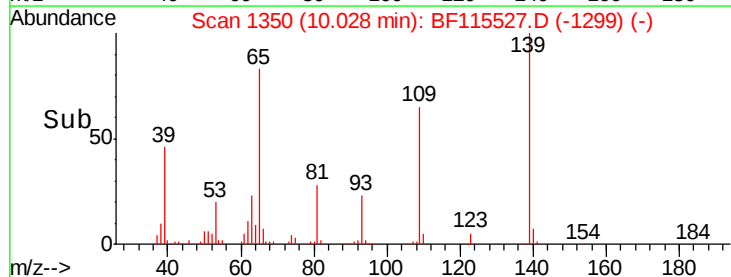
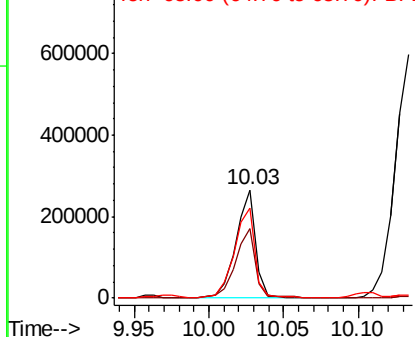


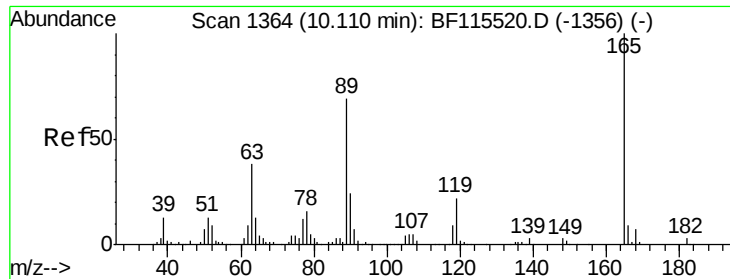
#56
4-Nitrophenol
Concen: 39.656 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:139 Resp: 249539
Ion Ratio Lower Upper
139 100
109 64.6 46.4 86.4
65 83.0 68.9 108.9



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

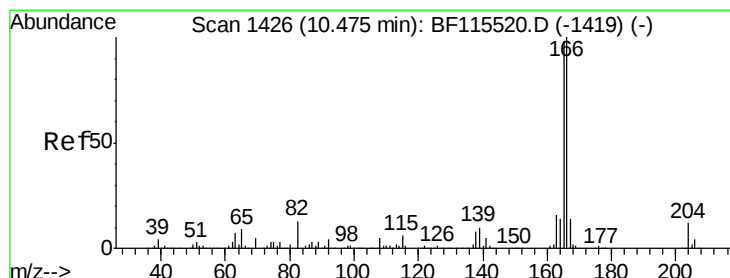
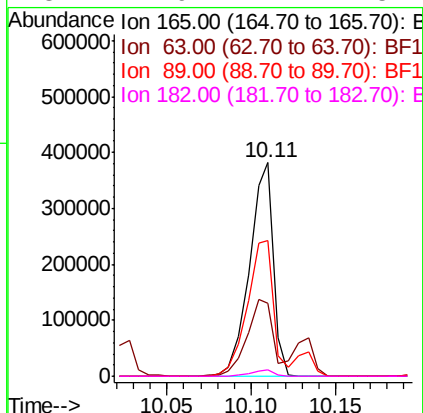
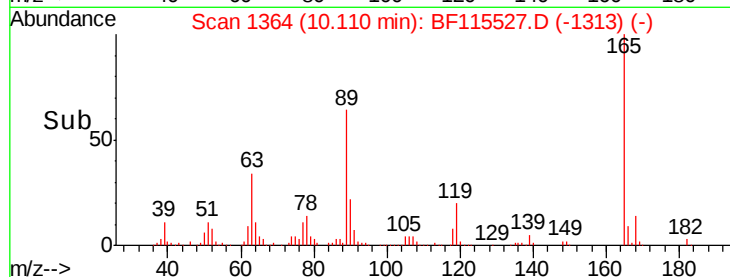
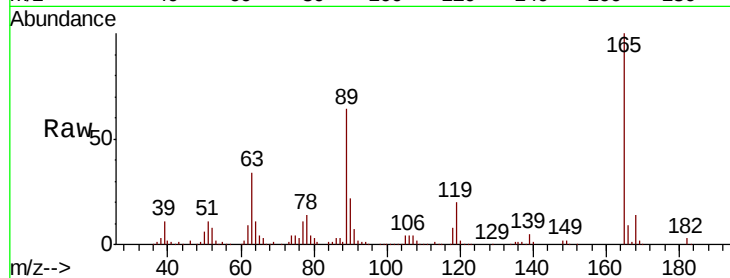




#57
2,4-Dinitrotoluene
Concen: 40.364 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

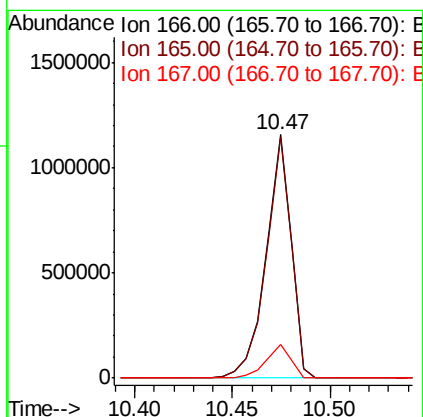
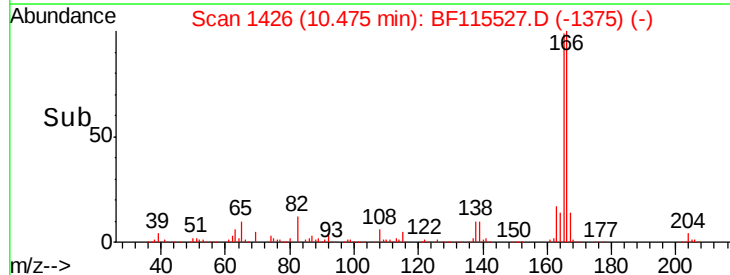
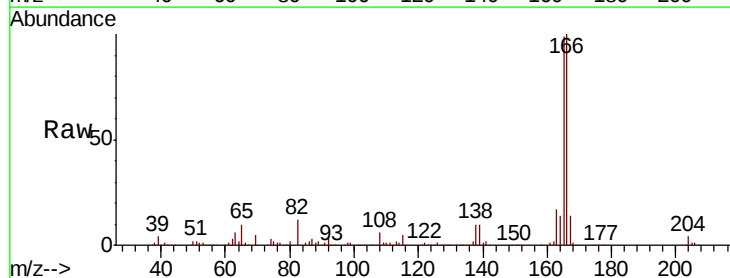
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.2	34.9	52.3
89	63.5	57.5	86.3
182	2.9	2.2	3.4



#58
Fluorene
Concen: 38.725 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.6
167	13.6	11.2	16.8

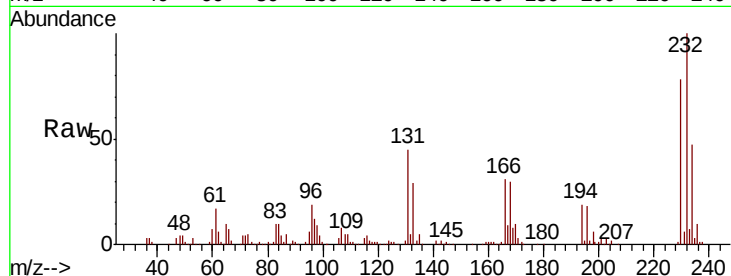




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.172 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.9	53.9
130	2.1	1.8	2.6
166	29.8	24.8	37.2



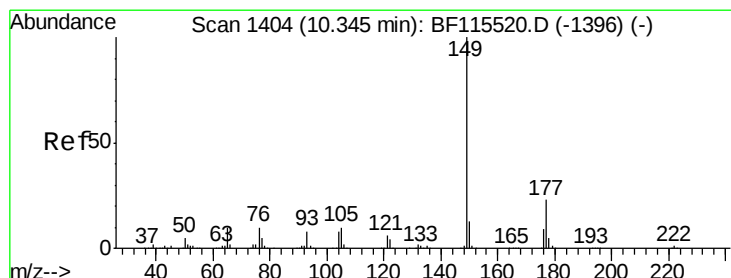
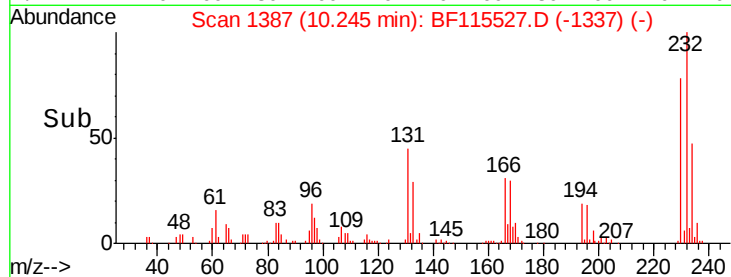
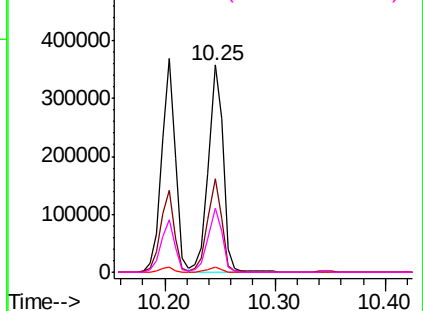
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

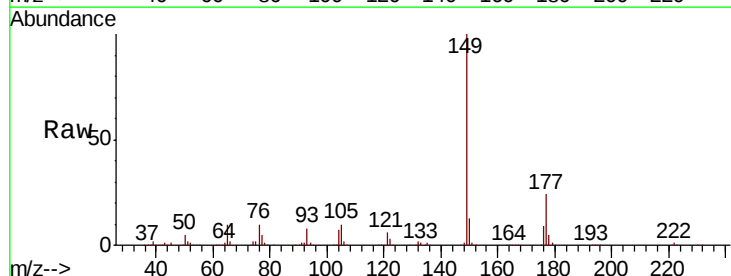
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.073 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.5	29.3
150	13.2	10.4	15.6

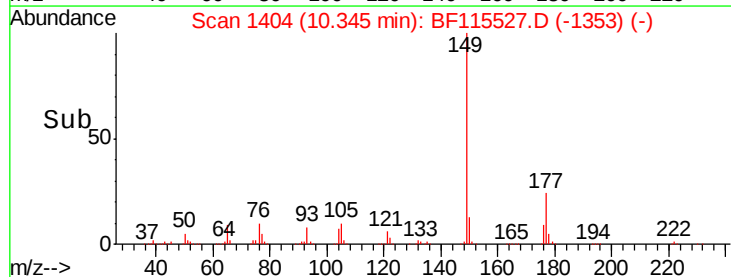
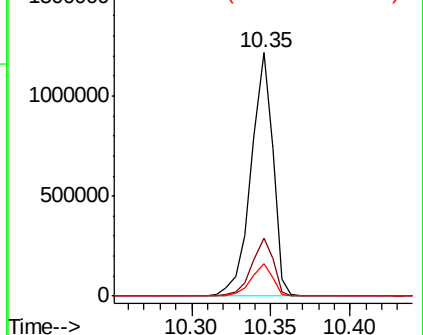


Abundance

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

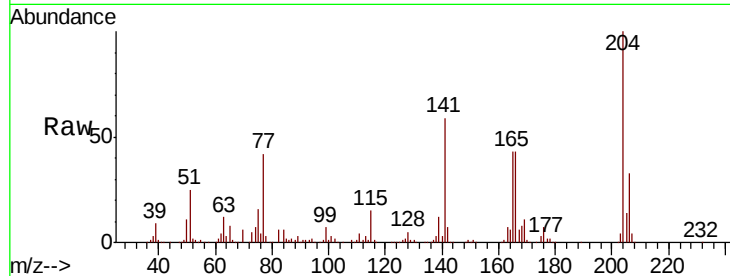




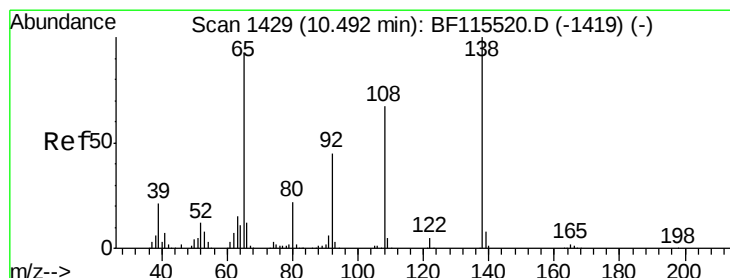
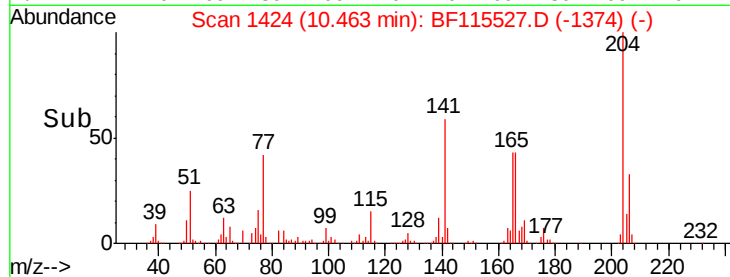
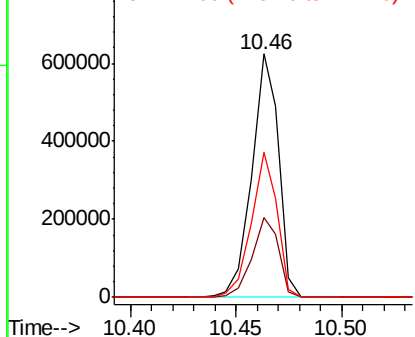
#61
4-Chlorophenyl-phenylether
Concen: 37.064 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 548806
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 59.4 44.2 66.2

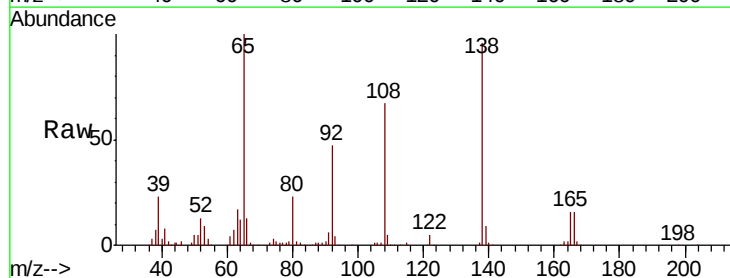


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

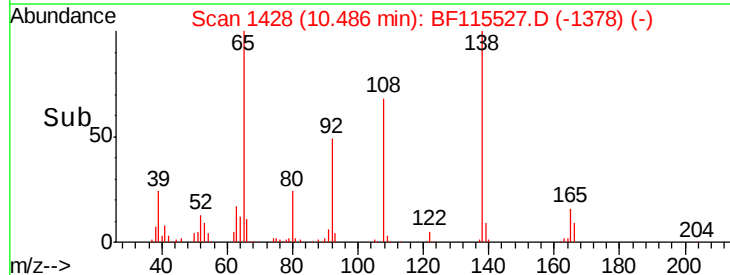
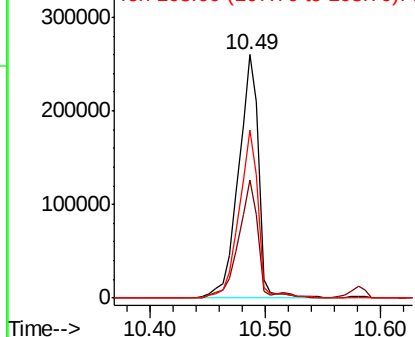


#62
4-Nitroaniline
Concen: 39.630 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:138 Resp: 313685
Ion Ratio Lower Upper
138 100
92 48.7 27.1 67.1
108 69.2 48.0 88.0



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





#63

Azobenzene

Concen: 39.394 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1137619

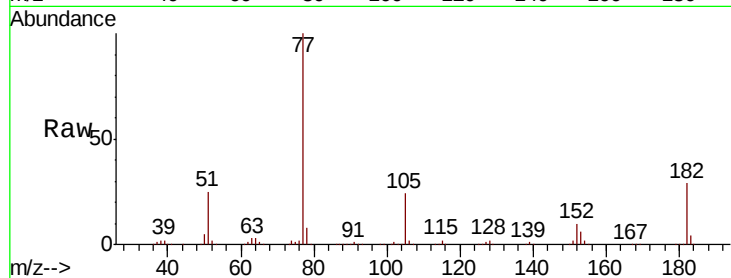
Ion Ratio Lower Upper

77 100

182 28.9 6.9 46.9

105 23.8 3.9 43.9

51 25.0 7.3 47.3

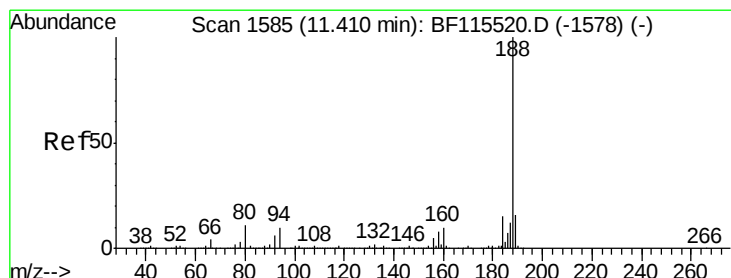
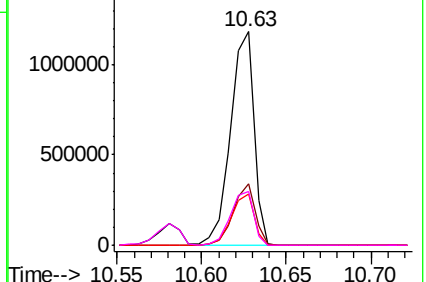
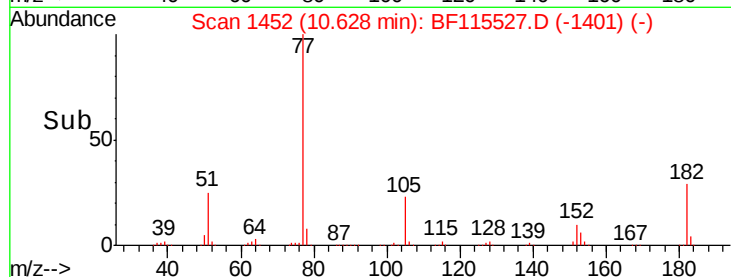


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

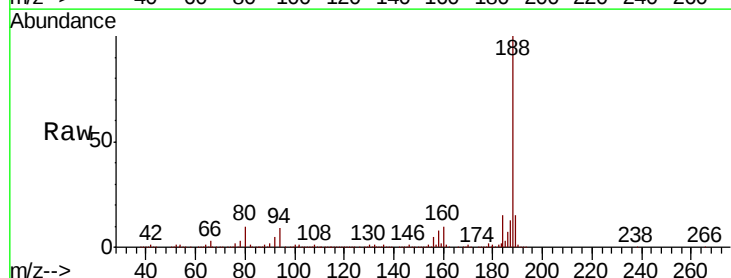
Tgt Ion: 188 Resp: 794854

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

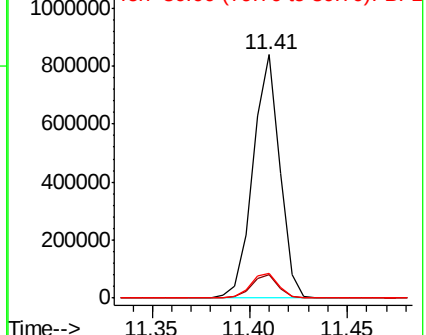
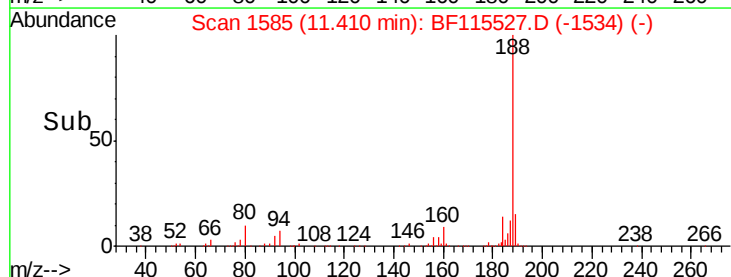
80 10.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.407 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

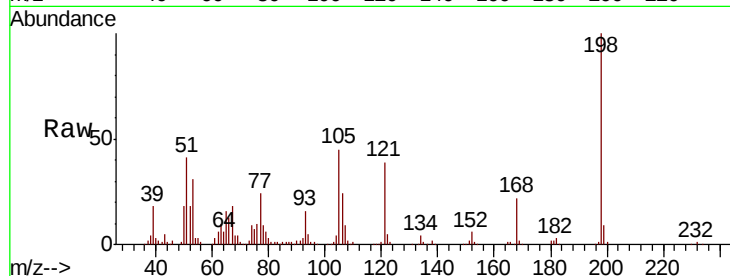
Tot Ion:198 Resp: 196228

Ion Ratio Lower Upper

198 100

51 40.9 19.1 59.1

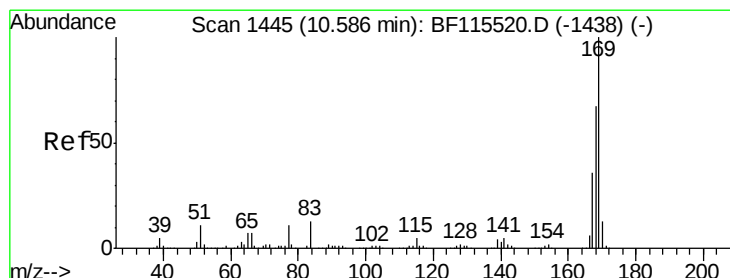
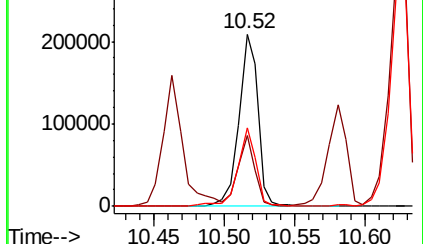
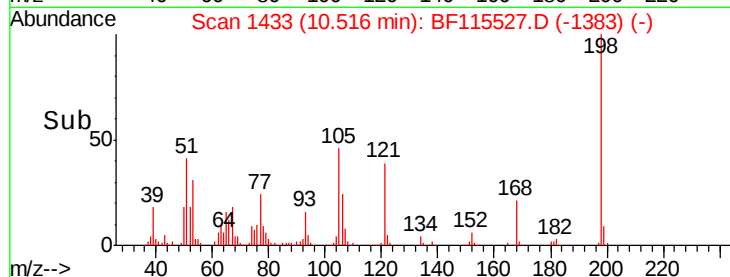
105 45.4 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.135 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

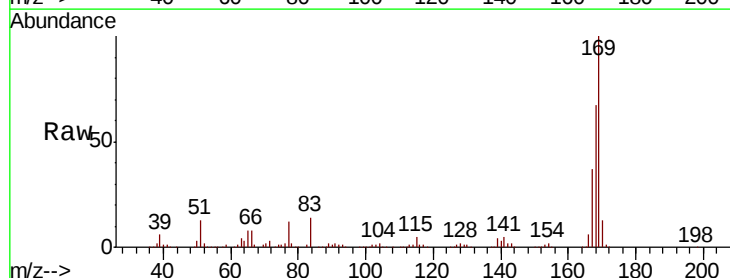
Tgt Ion:169 Resp: 967619

Ion Ratio Lower Upper

169 100

168 66.9 54.3 81.5

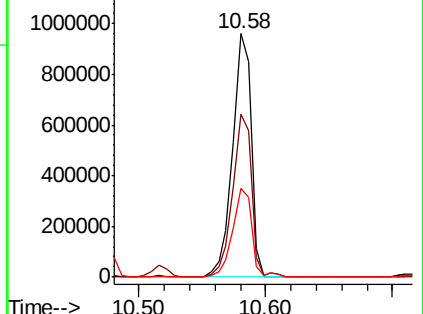
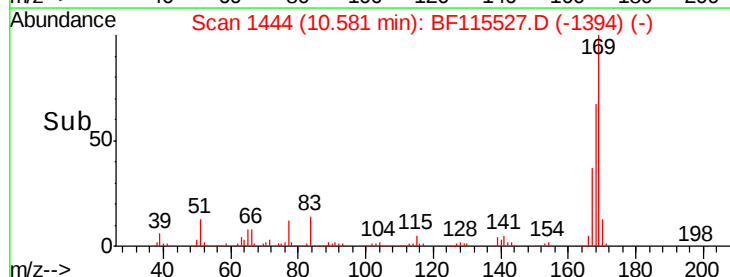
167 36.5 30.2 45.2

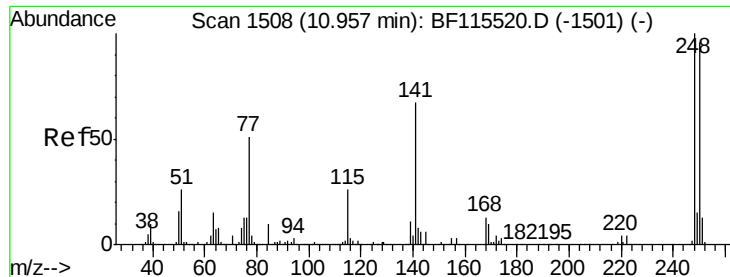


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.263 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

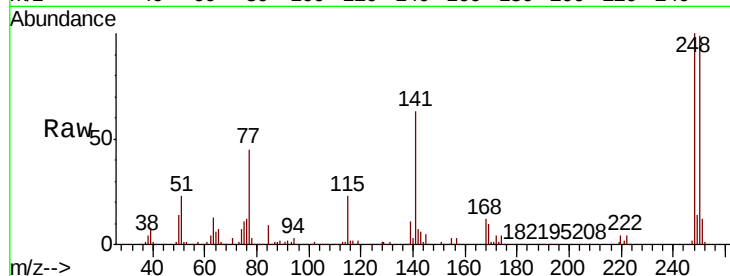
Tot Ion:248 Resp: 356634

Ion Ratio Lower Upper

248 100

250 98.9 78.0 117.0

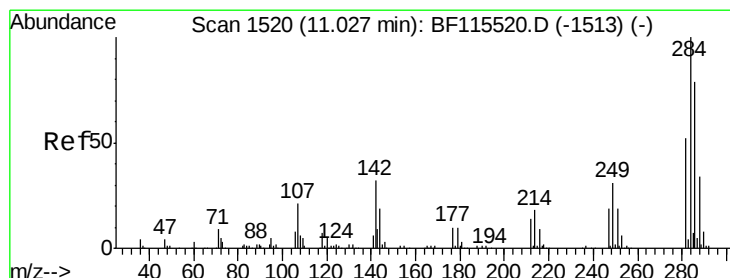
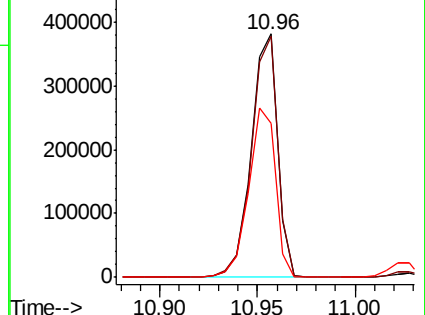
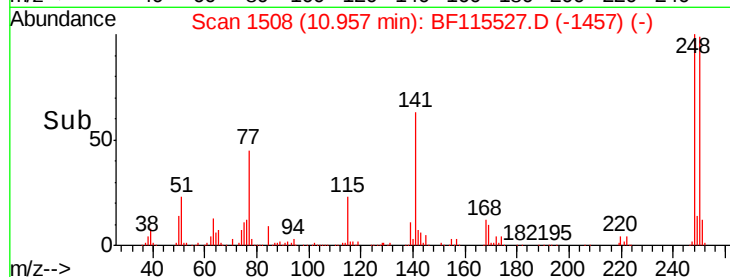
141 63.3 57.7 86.5



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: 39.494 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

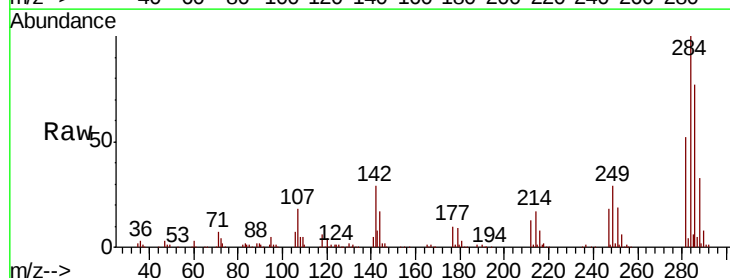
Tgt Ion:284 Resp: 409671

Ion Ratio Lower Upper

284 100

142 29.0 22.2 33.2

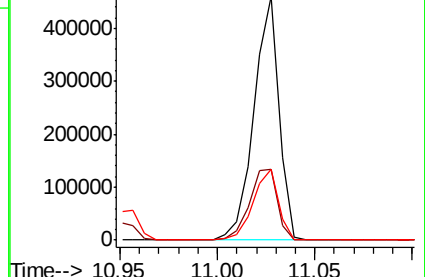
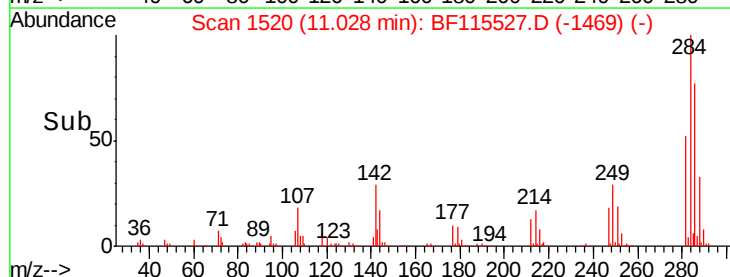
249 28.8 23.4 35.2

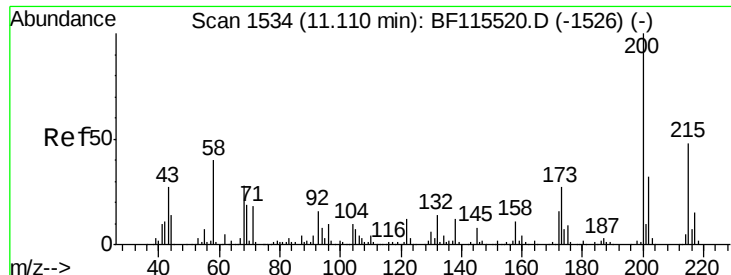


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

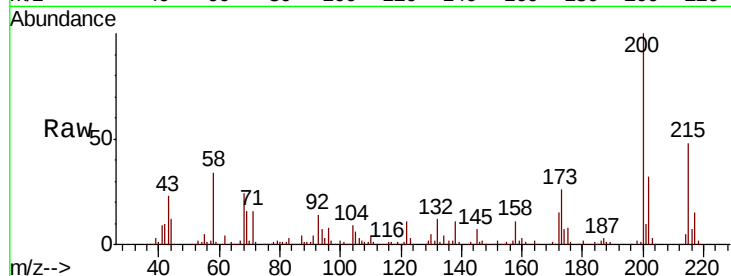




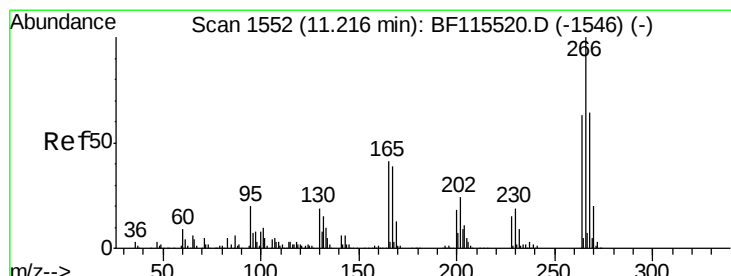
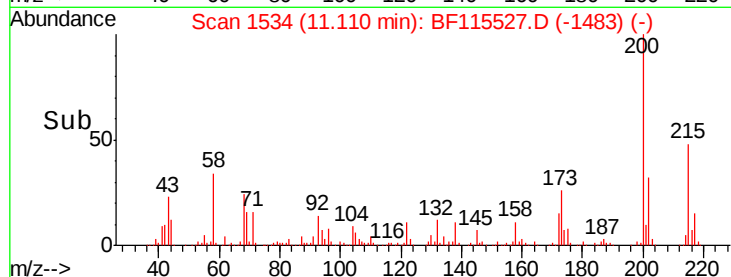
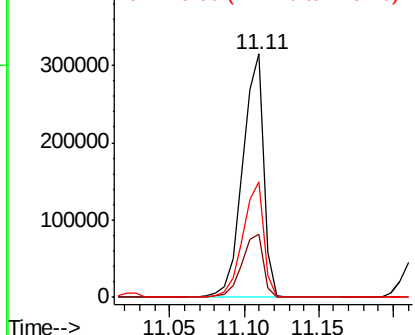
#69
Atrazine
Concen: 37.782 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 306454
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 47.6 27.9 67.9

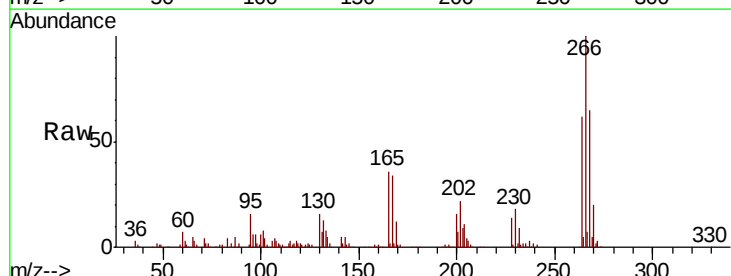


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

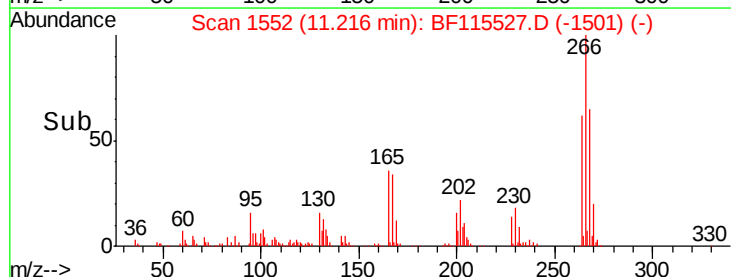
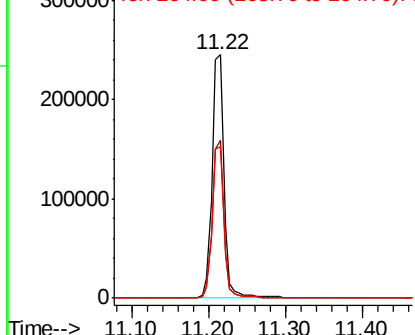


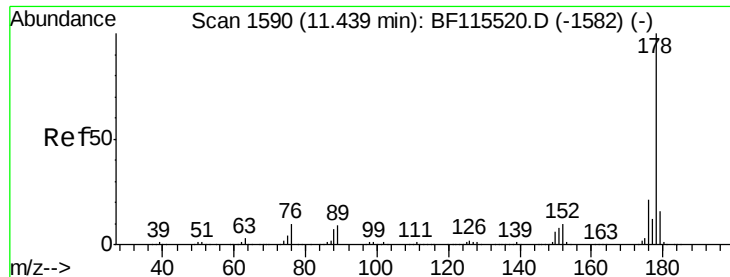
#70
Pentachlorophenol
Concen: 40.664 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:266 Resp: 257991
Ion Ratio Lower Upper
266 100
268 64.8 51.6 77.4
264 62.4 50.6 76.0



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

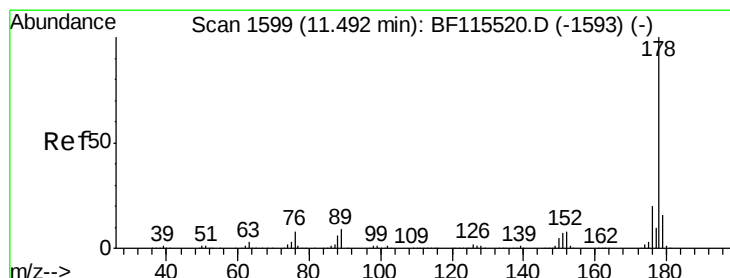
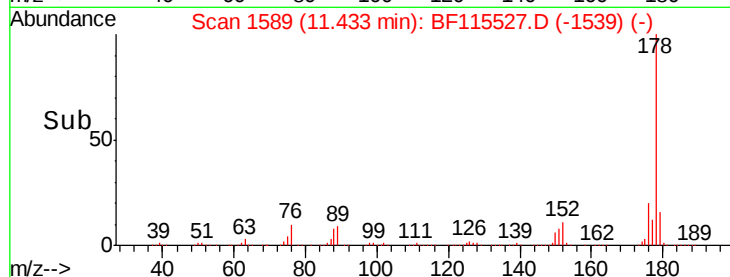
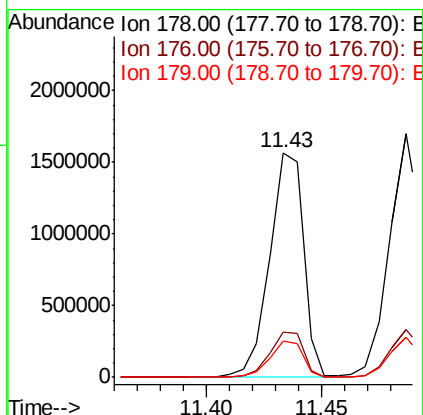
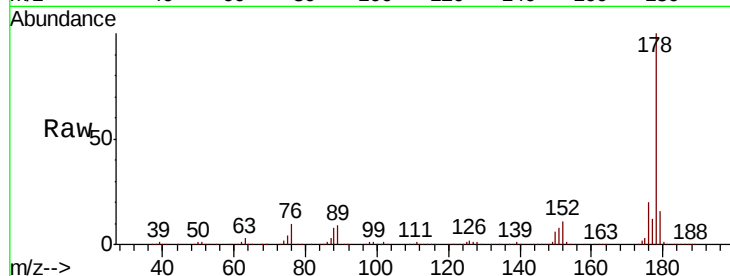




#71
Phenanthrene
Concen: 39.219 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

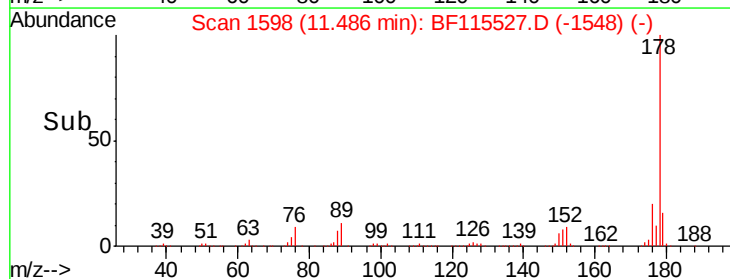
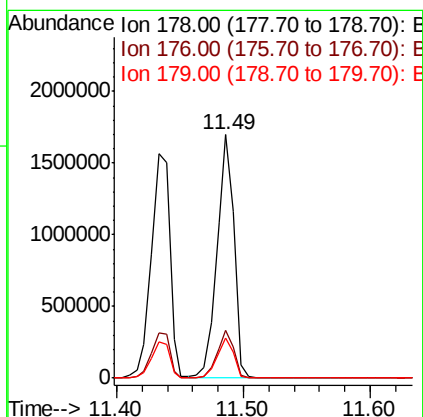
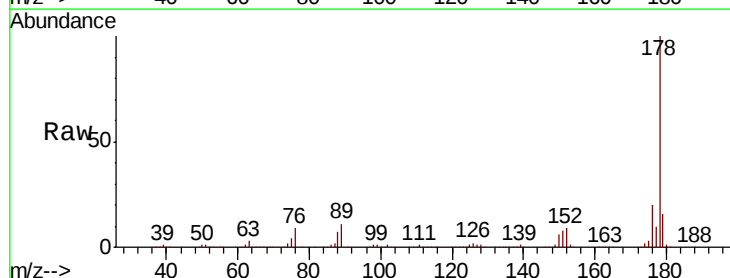
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

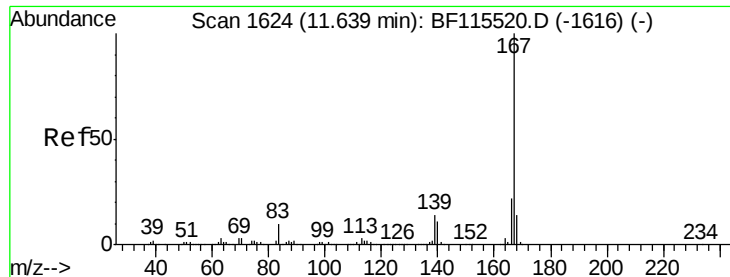
Tot Ion:178 Resp: 1597899
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 16.1 13.5 20.3



#72
Anthracene
Concen: 38.121 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:178 Resp: 1605143
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.2 12.7 19.1

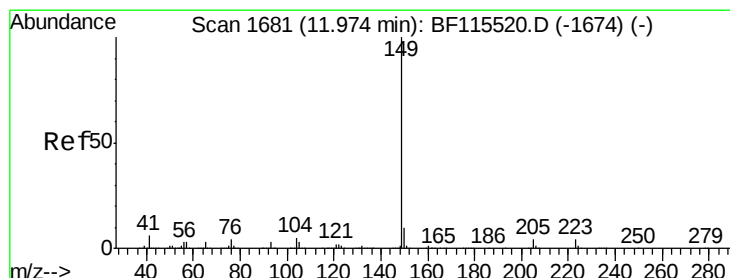
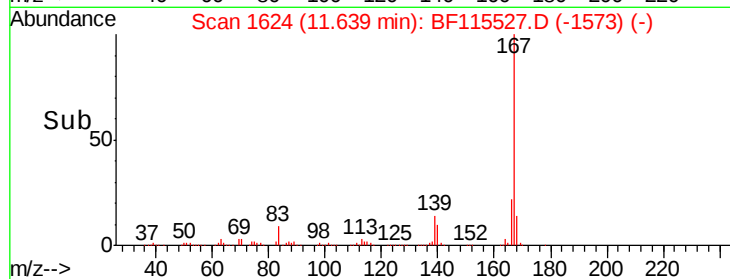
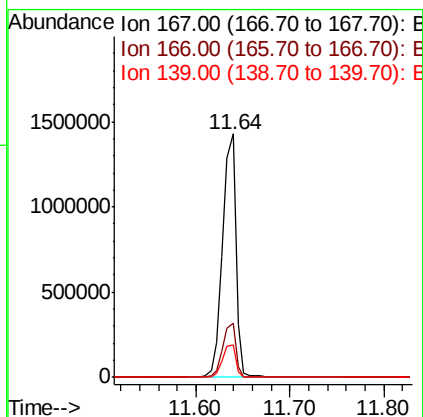
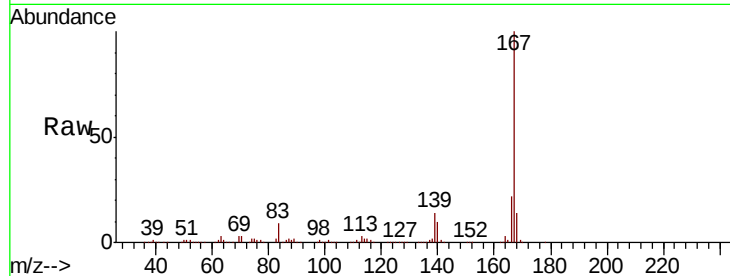




#73
 Carbazole
 Concen: 38.910 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

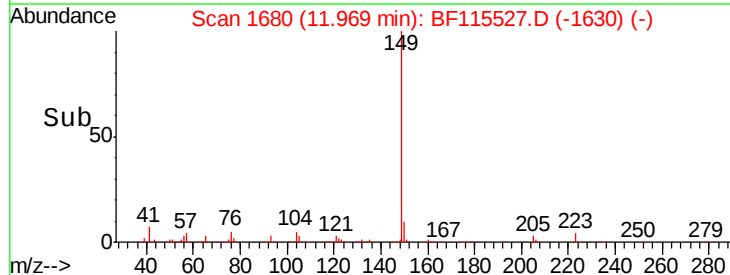
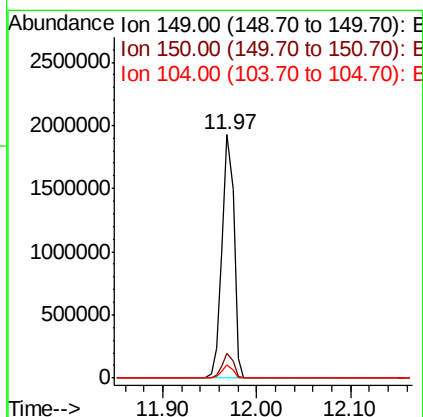
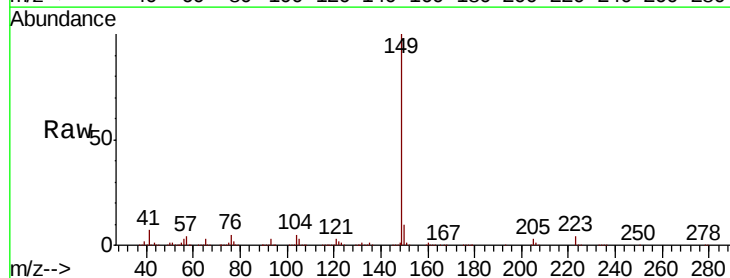
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

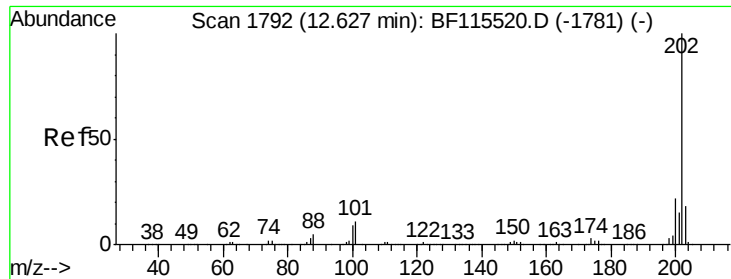
Tot Ion:167 Resp: 1436731
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 37.793 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

Tgt Ion:149 Resp: 1718905
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.3 3.8 5.8



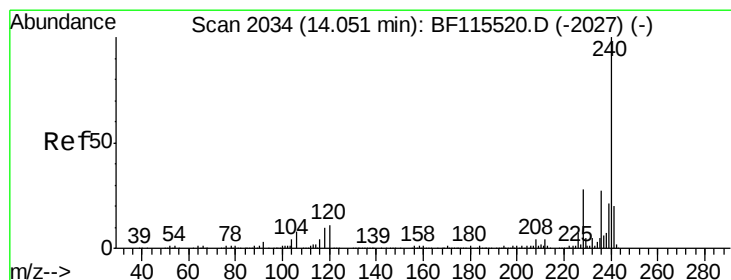
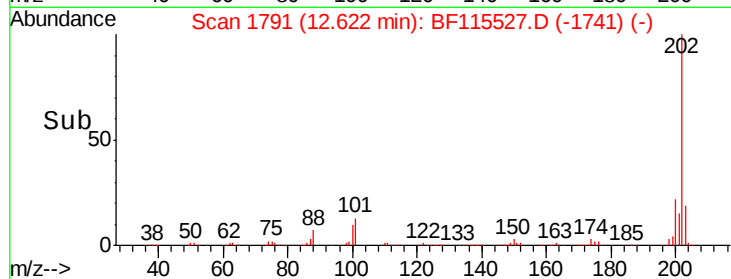
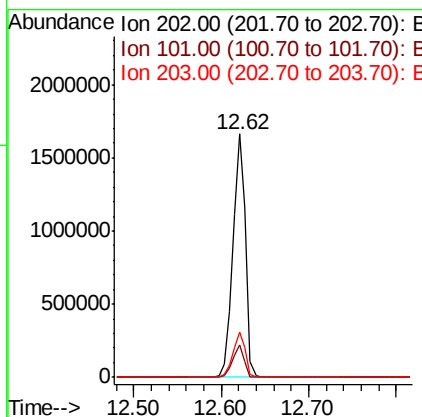
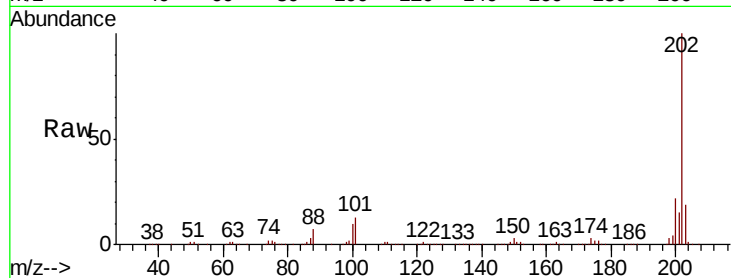


#75
 Fluoranthene
 Concen: 38.008 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1636427

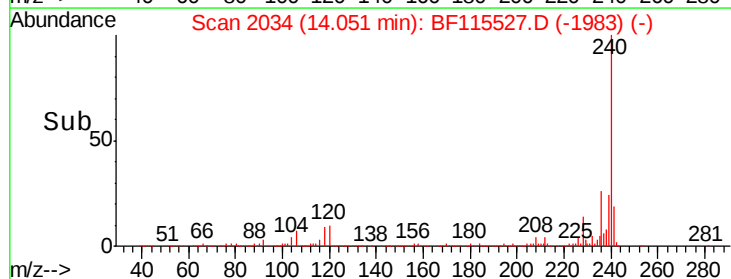
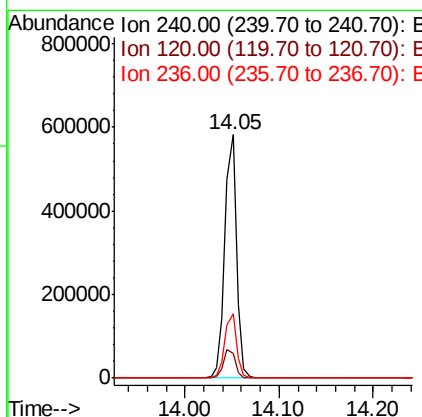
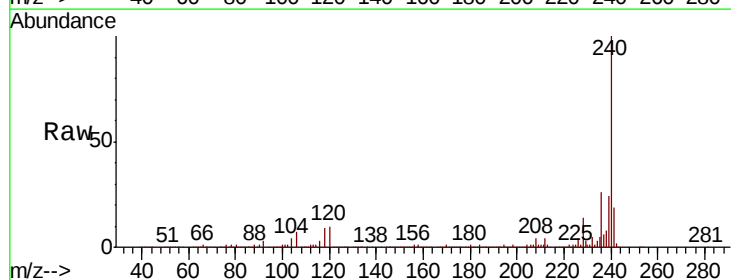
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.4
203	18.6	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115527.D
 Acq: 12 Jul 2019 15:39

Tgt Ion:240 Resp: 511411

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	26.5	21.3	31.9





#77

Benzidine

Concen: 41.196 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

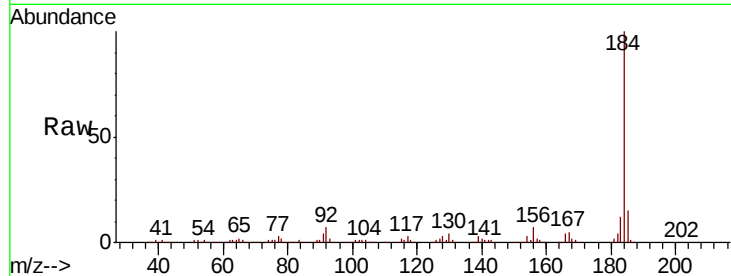
Tot Ion:184 Resp: 746344

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

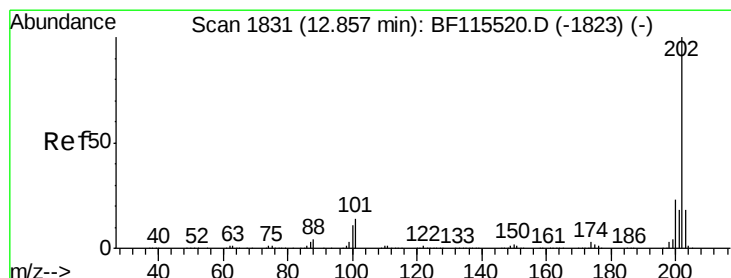
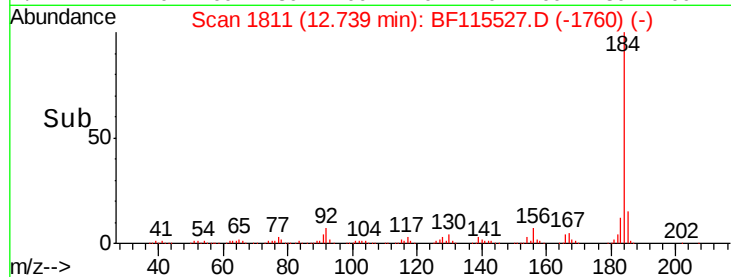
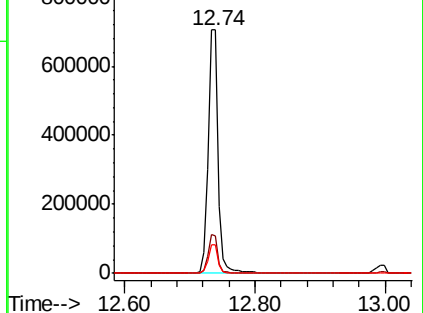
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.836 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

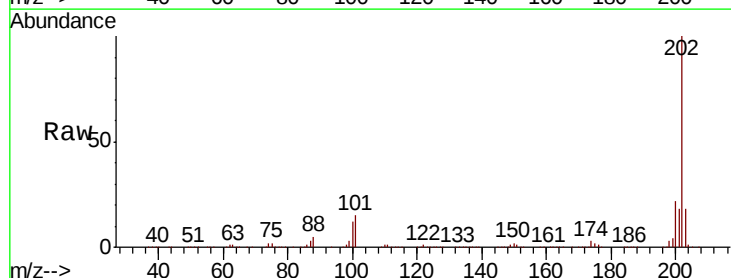
Tgt Ion:202 Resp: 1639384

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

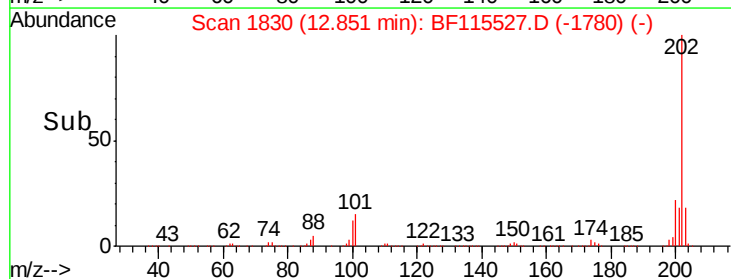
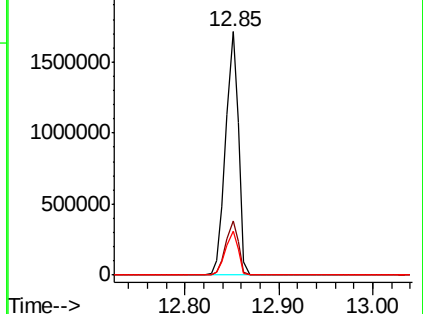
203 18.3 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.390 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

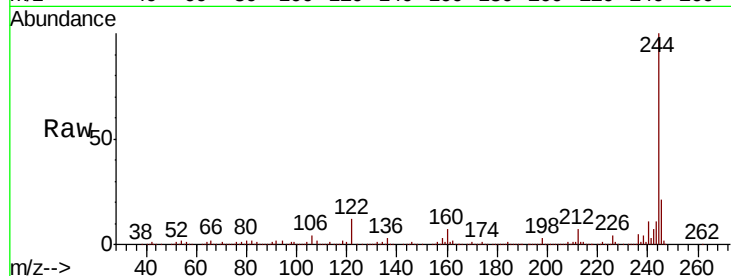
Tot Ion:244 Resp: 2061804

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

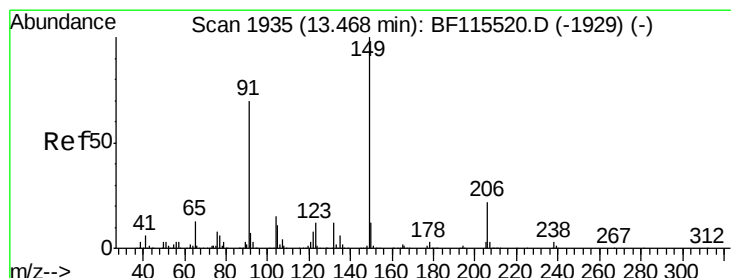
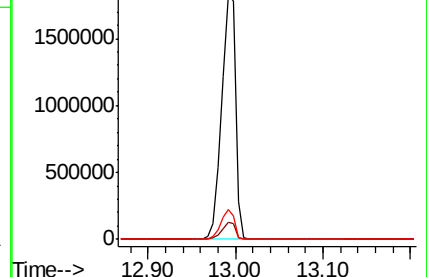
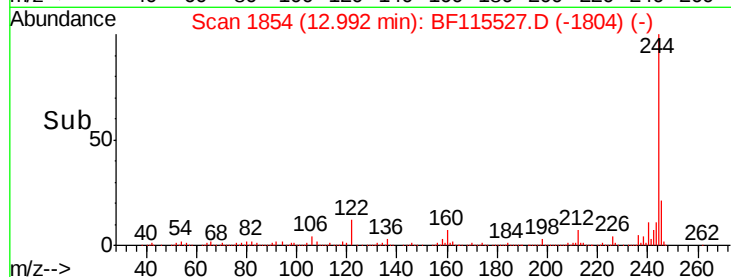
122 12.2 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.560 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

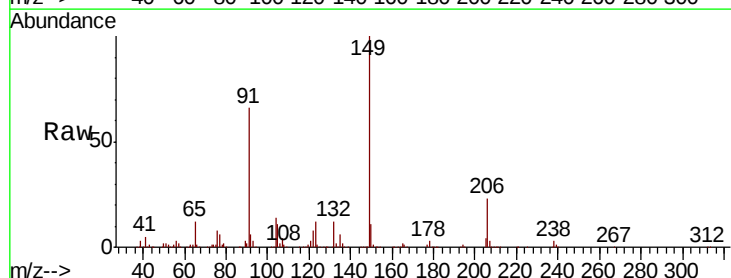
Tgt Ion:149 Resp: 712230

Ion Ratio Lower Upper

149 100

91 65.9 55.8 83.8

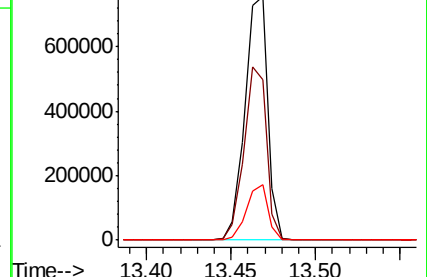
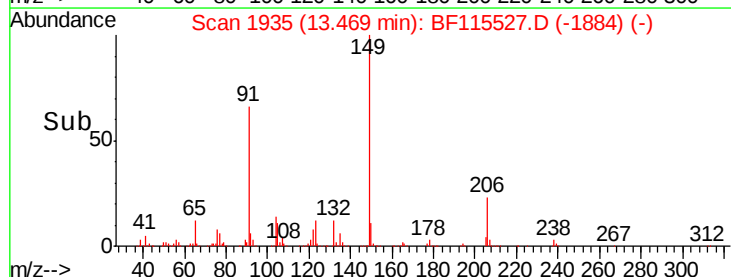
206 22.6 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.017 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

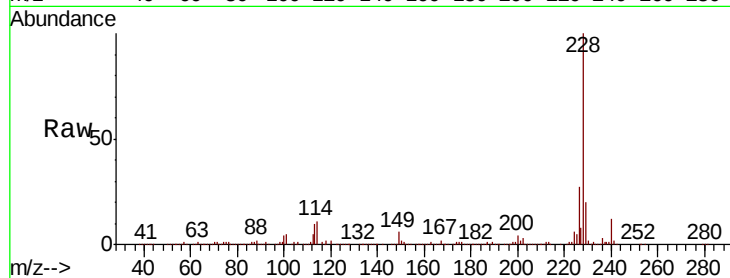
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1314567

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.4	35.0
229	19.7	17.2	25.8

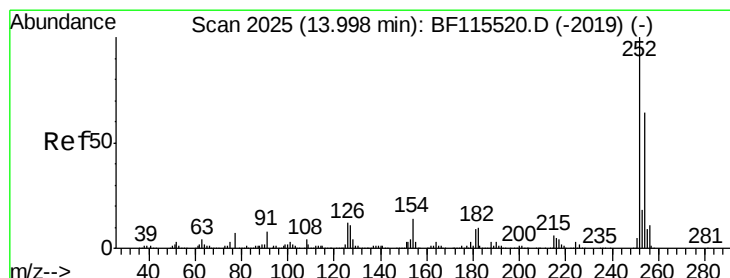
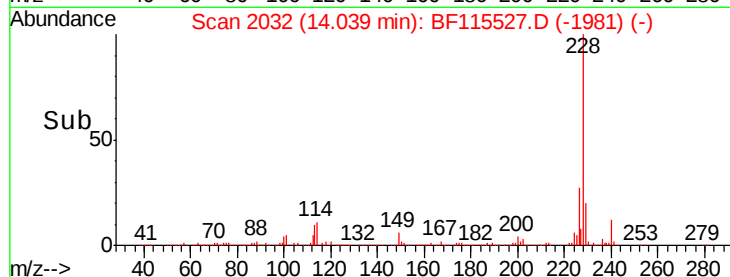
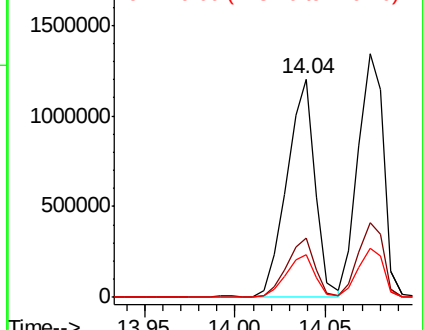


Abundance

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: 40.217 ng

RT: 14.00 min Scan# 2025

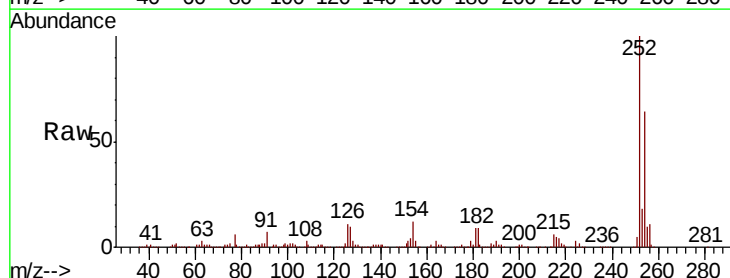
Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Tgt Ion:252 Resp: 481685

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.9	79.3
126	10.7	9.9	14.9

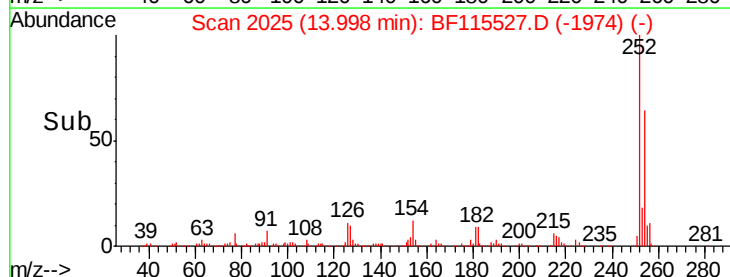
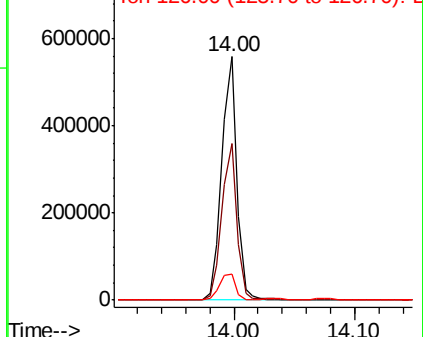


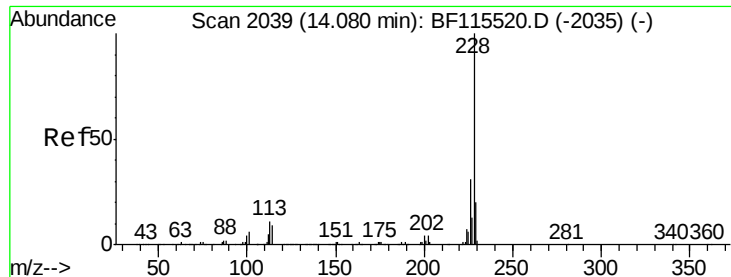
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.476 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

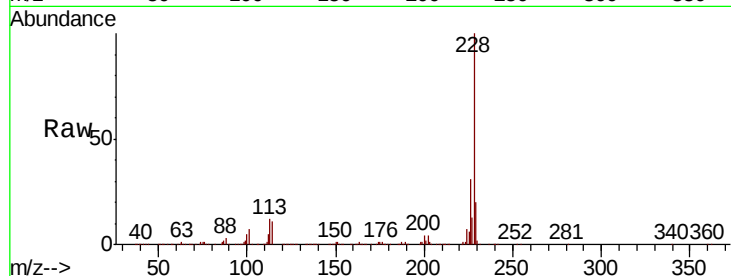
Tot Ion:228 Resp: 1335142

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

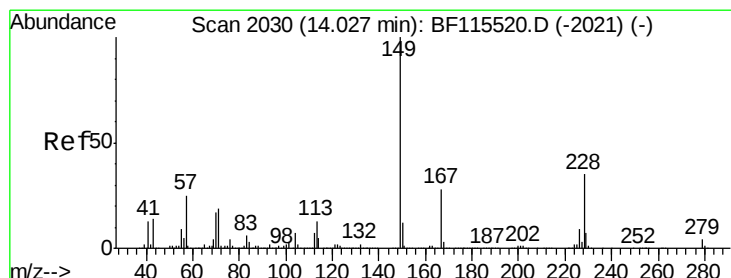
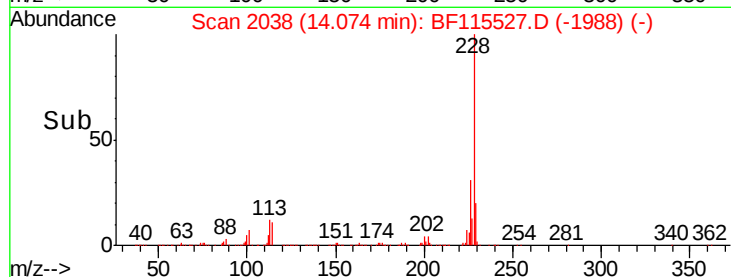
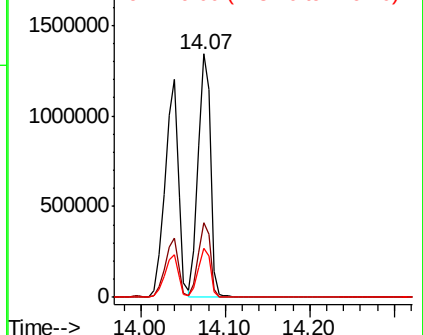
229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.082 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

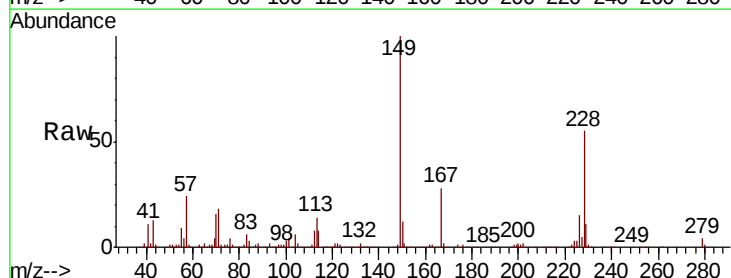
Tgt Ion:149 Resp: 894174

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

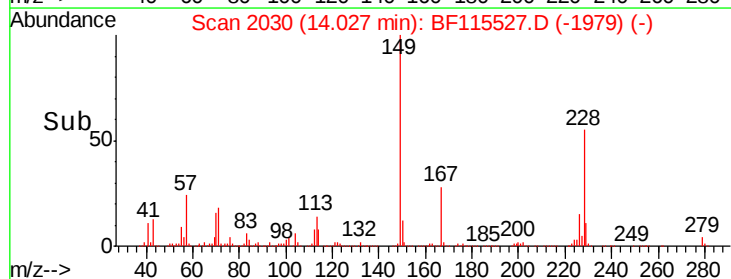
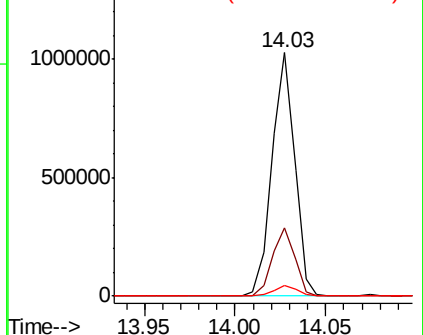
279 4.5 4.2 6.2

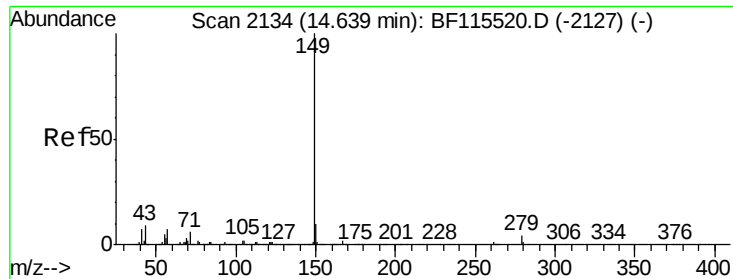


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.414 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

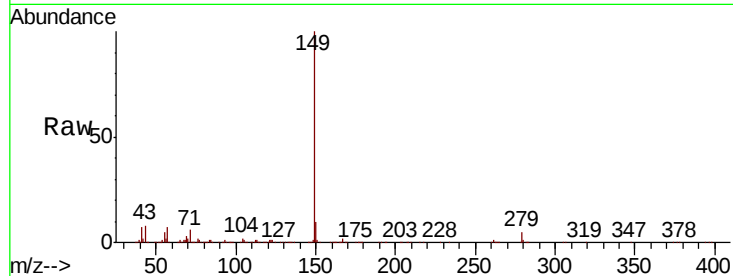
Tot Ion:149 Resp: 1434809

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

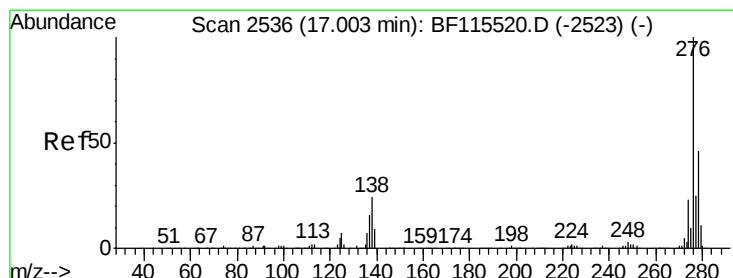
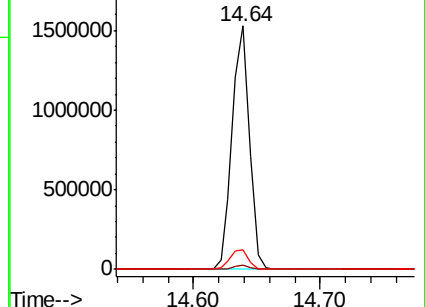
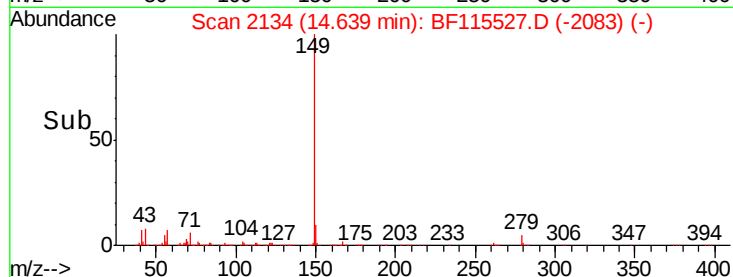
43 8.6 7.2 10.8



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: 37.414 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

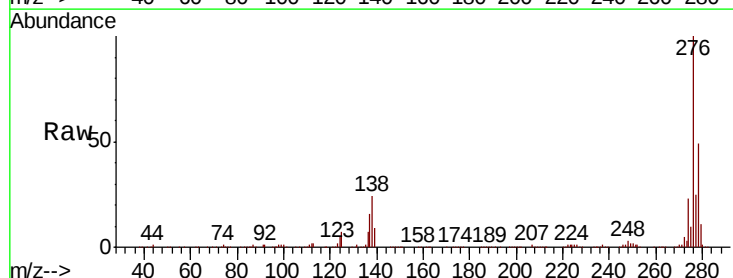
Tgt Ion:276 Resp: 1075073

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

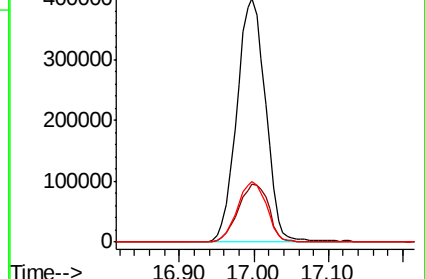
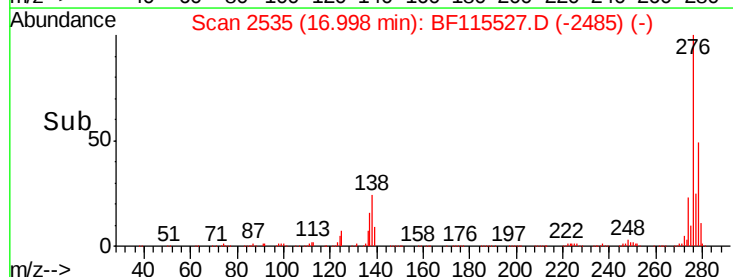
277 25.3 20.4 30.6

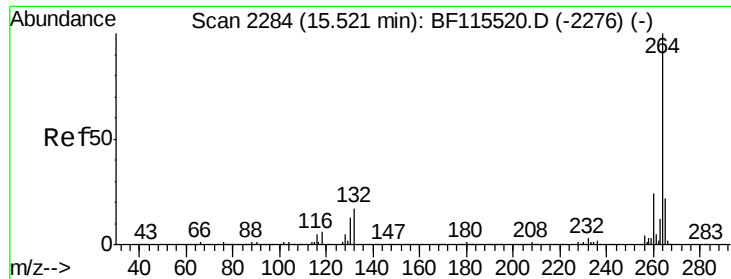


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

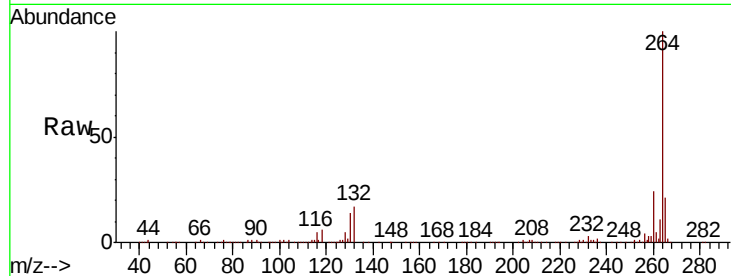




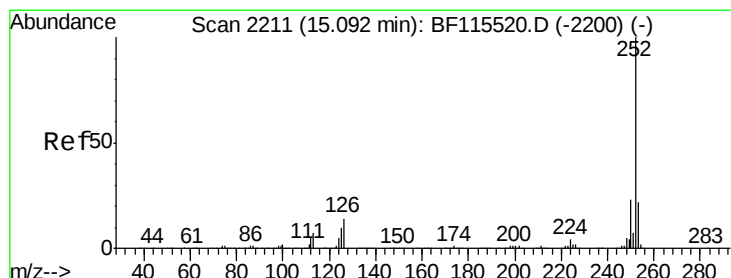
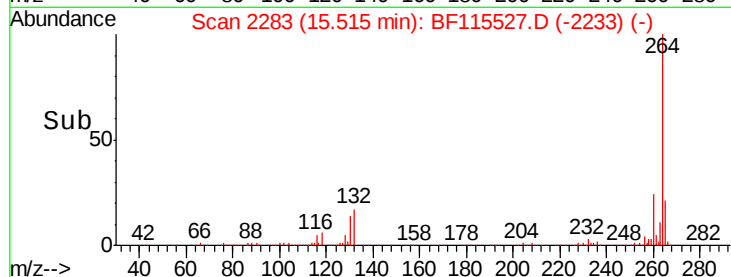
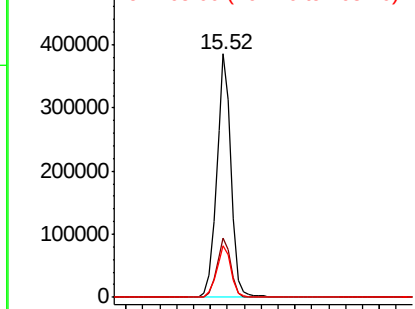
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 461498
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 21.3 17.7 26.5

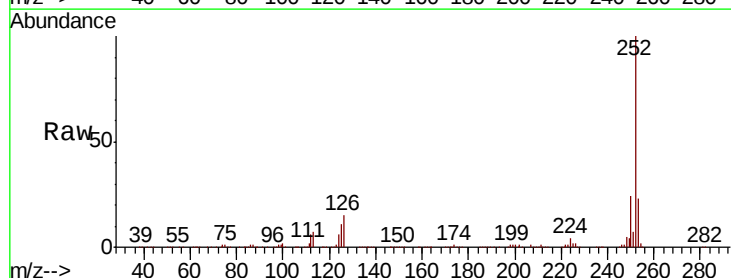


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

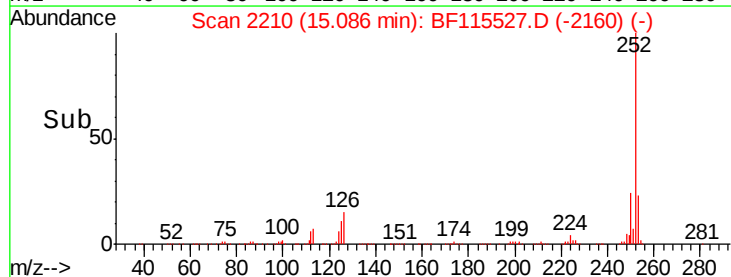
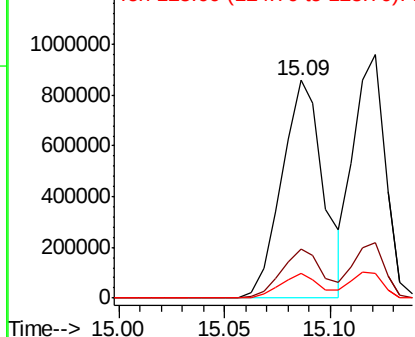


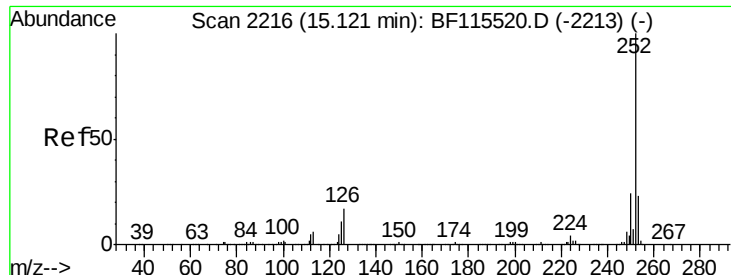
#88
Benzo(b)fluoranthene
Concen: 39.850 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:252 Resp: 1184213
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.2 9.0 13.4



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

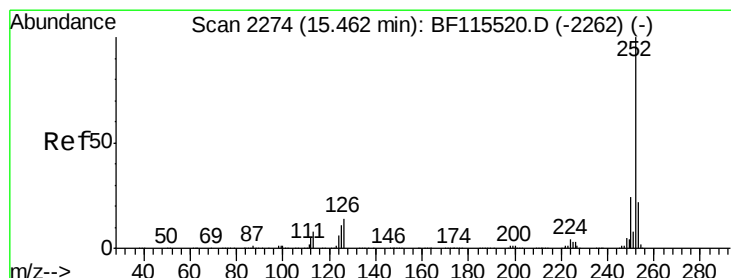
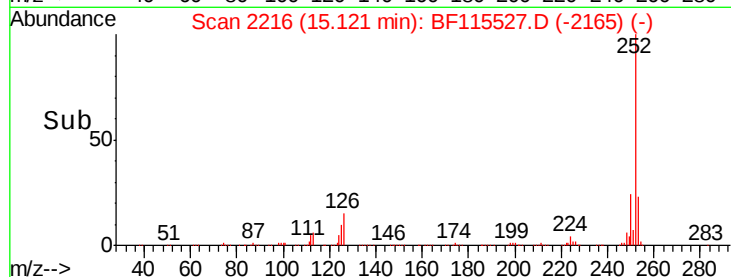
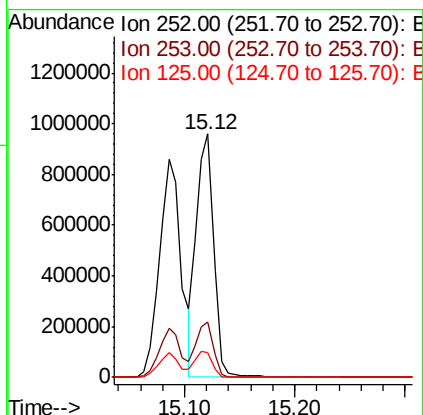
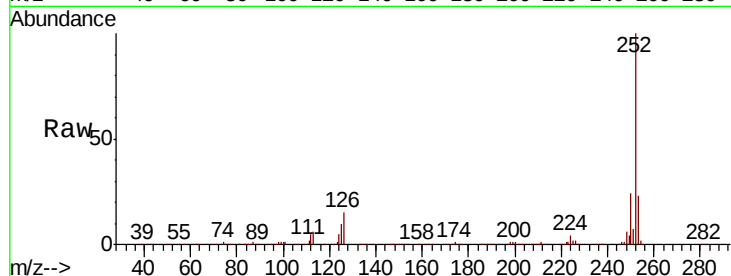




#89
Benzo(k)fluoranthene
Concen: 38.423 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

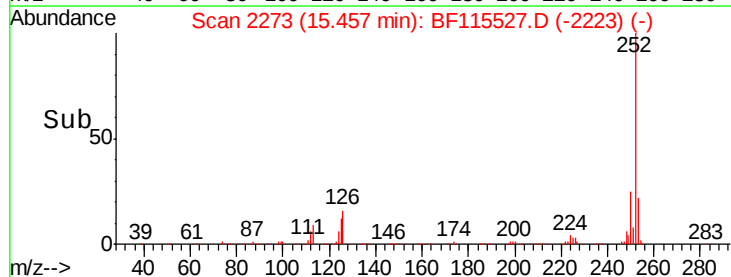
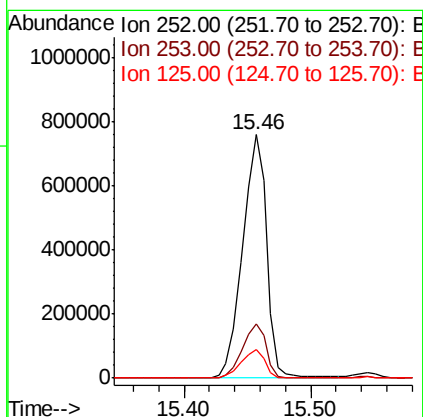
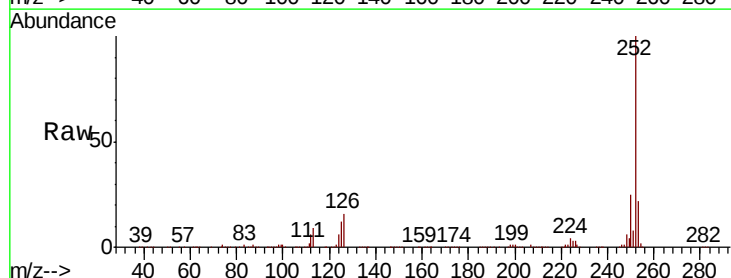
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

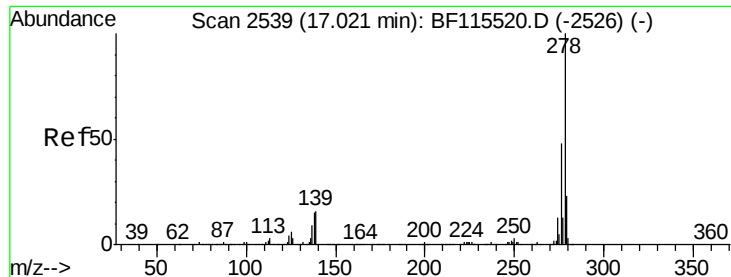
Tot Ion:252 Resp: 1017977
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 10.1 9.0 13.6



#90
Benzo(a)pyrene
Concen: 38.901 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115527.D
Acq: 12 Jul 2019 15:39

Tgt Ion:252 Resp: 993590
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.0 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 39.470 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

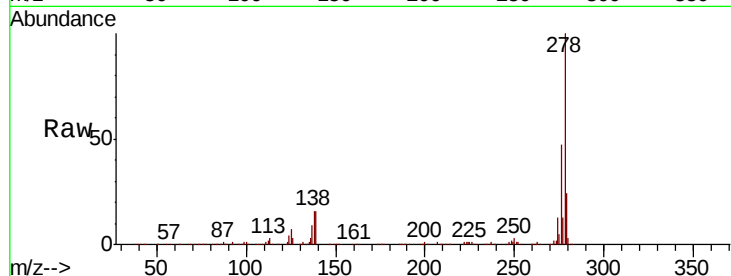
Tot Ion:278 Resp: 885021

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

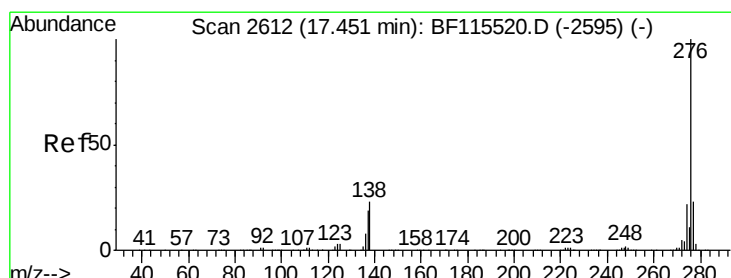
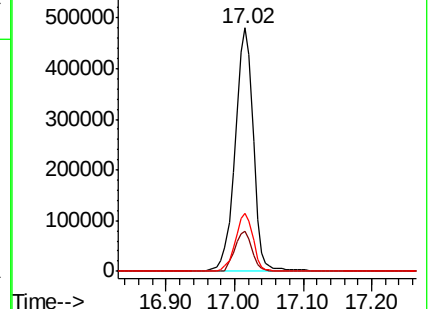
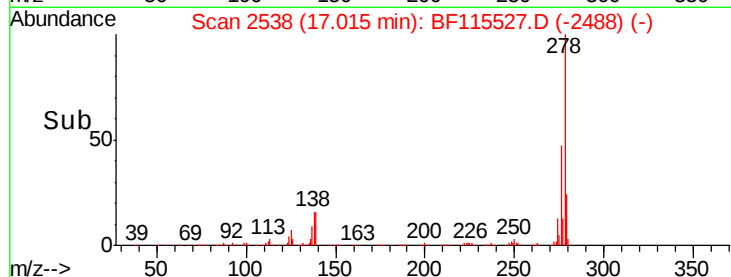
279 23.7 19.6 29.4



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: 38.685 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF115527.D

Acq: 12 Jul 2019 15:39

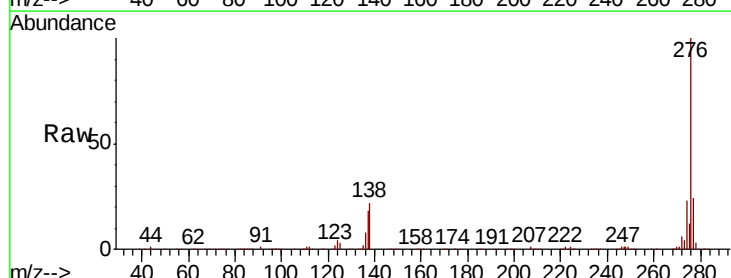
Tgt Ion:276 Resp: 865089

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.8 17.2 25.8



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

