

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115870.D
 Acq On : 31 Jul 2019 17:09
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 01 04:55:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	188579	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	747554	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	391720	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	662037	20.00	ng	0.00
76) Chrysene-d12	14.03	240	456476	20.00	ng	0.00
87) Perylene-d12	15.49	264	418816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	874068	77.59	ng	0.00
7) Phenol-d6	6.49	99	1131165	79.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	1037305	80.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	296151	77.98	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1630829	77.98	ng	0.00
79) Terphenyl-d14	12.97	244	1739891	80.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	221060	38.845	ng	99
3) Pyridine	3.36	79	604191	38.007	ng	100
4) n-Nitrosodimethylamine	3.32	42	254444	40.559	ng	99
6) Aniline	6.52	93	824680	40.517	ng	98
8) 2-Chlorophenol	6.64	128	497560	39.944	ng	97
9) Benzaldehyde	6.40	77	378937	38.642	ng	98
10) Phenol	6.50	94	662457	39.581	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	490801	39.886	ng	97
12) 1,3-Dichlorobenzene	6.80	146	562360	39.064	ng	99
13) 1,4-Dichlorobenzene	6.87	146	566198	39.281	ng	100
14) 1,2-Dichlorobenzene	7.03	146	522947	39.401	ng	99
15) Benzyl Alcohol	7.00	79	432813	40.128	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	662536	39.474	ng	98
17) 2-Methylphenol	7.11	107	422905	40.095	ng	99
18) Hexachloroethane	7.37	117	210914	39.743	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	345358	39.213	ng	98
20) 3+4-Methylphenols	7.26	107	489908	39.250	ng	# 87
22) Acetophenone	7.27	105	649406	39.610	ng	# 94
24) Nitrobenzene	7.44	77	563615	40.305	ng	95
25) Isophorone	7.68	82	983321	39.708	ng	99
26) 2-Nitrophenol	7.75	139	271668	41.214	ng	100
27) 2,4-Dimethylphenol	7.79	122	397454	40.078	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	609099	39.683	ng	99
29) 2,4-Dichlorophenol	8.00	162	425744	40.659	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	481894	40.373	ng	99
31) Naphthalene	8.16	128	1416168	40.257	ng	99
32) Benzoic acid	7.94	122	258260	36.937	ng	98
33) 4-Chloroaniline	8.20	127	633205	40.286	ng	99
34) Hexachlorobutadiene	8.27	225	274101	39.869	ng	98
35) Caprolactam	8.60	113	138306	40.839	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	438170	40.224	ng	97
37) 2-Methylnaphthalene	8.85	142	917533	39.603	ng	98
38) 1-Methylnaphthalene	8.95	142	864751	39.454	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	421353	40.235	ng	100

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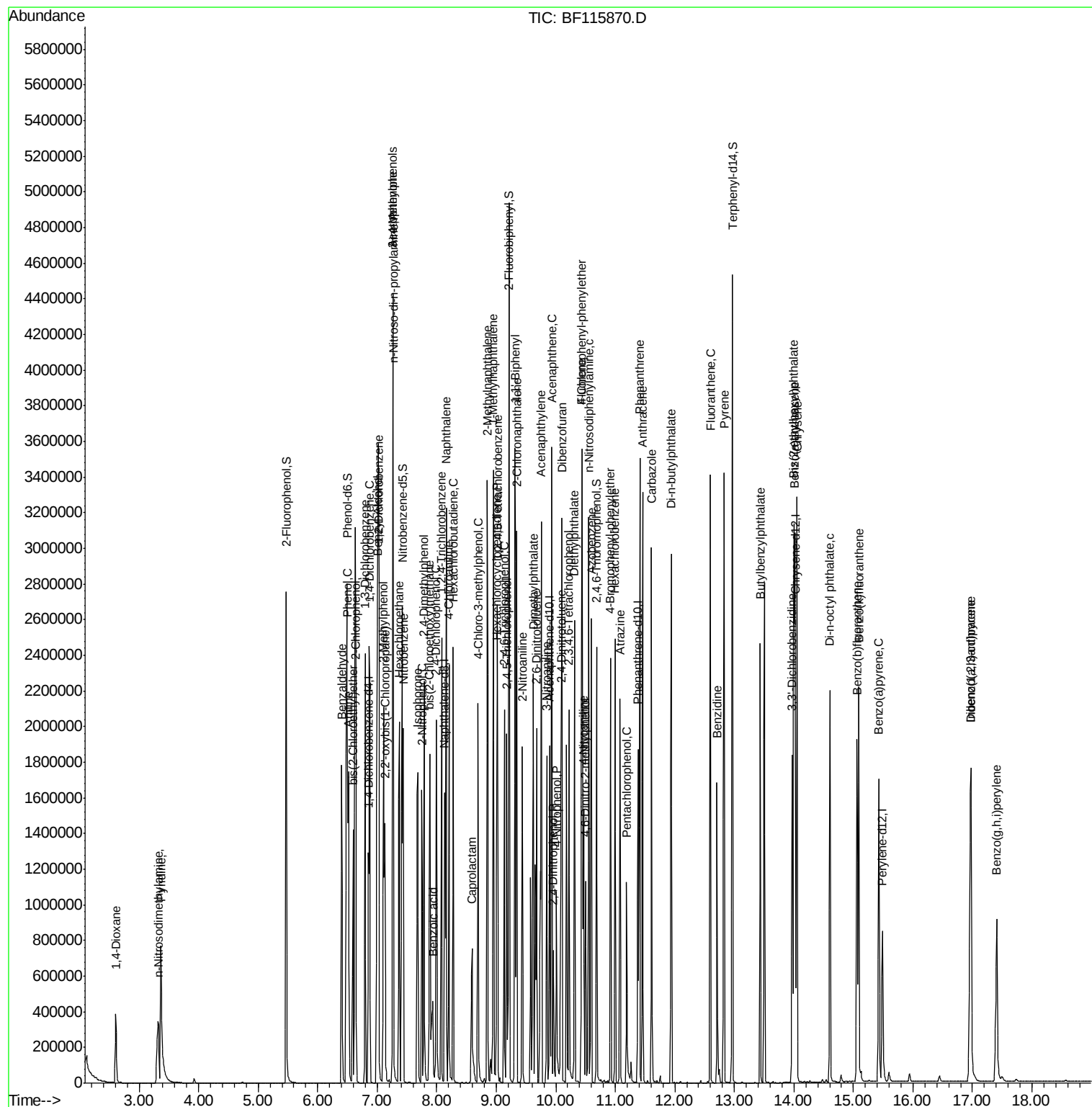
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	174105	40.214	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	289380	40.146	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	295772	39.695	ng	96
46) 1,1'-Biphenyl	9.32	154	1102559	39.868	ng	100
47) 2-Chloronaphthalene	9.35	162	917487	39.861	ng	99
48) 2-Nitroaniline	9.44	65	307611	40.432	ng	94
49) Acenaphthylene	9.76	152	1340159	39.909	ng	100
50) Dimethylphthalate	9.62	163	1039029	38.956	ng	100
51) 2,6-Dinitrotoluene	9.68	165	230162	39.709	ng	92
52) Acenaphthene	9.93	154	811462	39.389	ng	100
53) 3-Nitroaniline	9.85	138	285934	39.924	ng	94
54) 2,4-Dinitrophenol	9.96	184	97969	37.799	ng	94
55) Dibenzofuran	10.10	168	1176728	39.278	ng	98
56) 4-Nitrophenol	10.01	139	182992	39.885	ng	95
57) 2,4-Dinitrotoluene	10.09	165	304714	39.485	ng	93
58) Fluorene	10.45	166	891351	38.671	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	247377	39.462	ng	99
60) Diethylphthalate	10.32	149	963980	38.712	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	450164	38.562	ng	98
62) 4-Nitroaniline	10.47	138	293356	39.635	ng	99
63) Azobenzene	10.60	77	993173	38.777	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	147232	41.966	ng	90
66) n-Nitrosodiphenylamine	10.56	169	798485	40.071	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	283157	39.954	ng	99
68) Hexachlorobenzene	11.00	284	326078	39.789	ng	97
69) Atrazine	11.08	200	255658	38.999	ng	99
70) Pentachlorophenol	11.19	266	162746	40.904	ng	99
71) Phenanthrene	11.41	178	1338129	39.537	ng	100
72) Anthracene	11.46	178	1364634	39.841	ng	99
73) Carbazole	11.61	167	1264574	40.694	ng	100
74) Di-n-butylphthalate	11.94	149	1400525	38.634	ng	100
75) Fluoranthene	12.60	202	1395381	39.382	ng	100
77) Benzidine	12.71	184	658581	42.705	ng	99
78) Pyrene	12.83	202	1427649	41.490	ng	99
80) Butylbenzylphthalate	13.44	149	590376	40.560	ng	96
81) Benzo(a)anthracene	14.02	228	1174959	40.271	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	416297	41.070	ng	98
83) Chrysene	14.05	228	1138680	40.200	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	741417	39.198	ng	100
85) Di-n-octyl phthalate	14.60	149	1111499	36.996	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	964625	40.547	ng	100
88) Benzo(b)fluoranthene	15.06	252	928736	38.351	ng	97
89) Benzo(k)fluoranthene	15.09	252	952815	40.396	ng	99
90) Benzo(a)pyrene	15.43	252	866136	40.011	ng	100
91) Dibenzo(a,h)anthracene	16.98	278	786384	41.967	ng	99
92) Benzo(g,h,i)perylene	17.41	276	781935	42.490	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

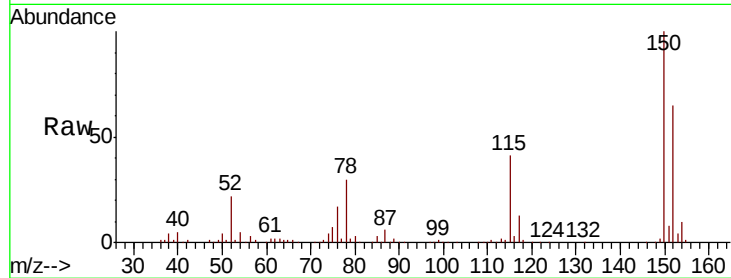
Tot Ion:152 Resp: 188579

Ion Ratio Lower Upper

152 100

150 153.2 127.4 191.0

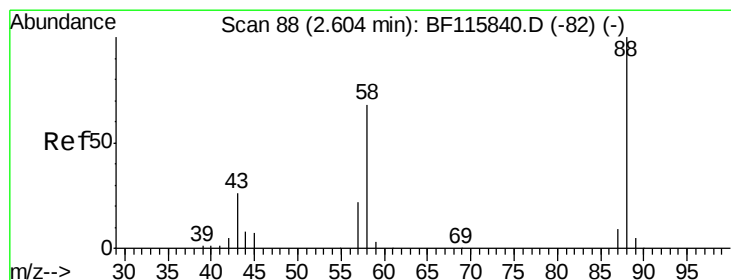
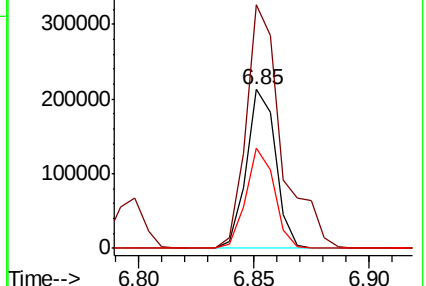
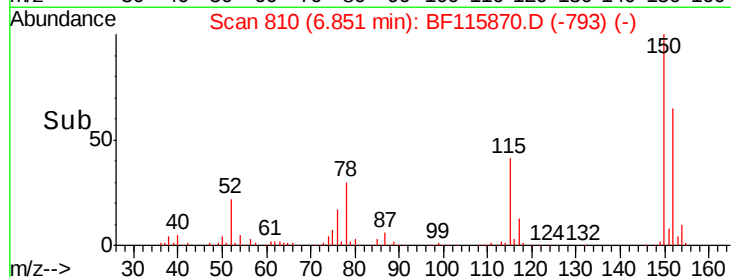
115 62.7 51.8 77.8



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: 38.845 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

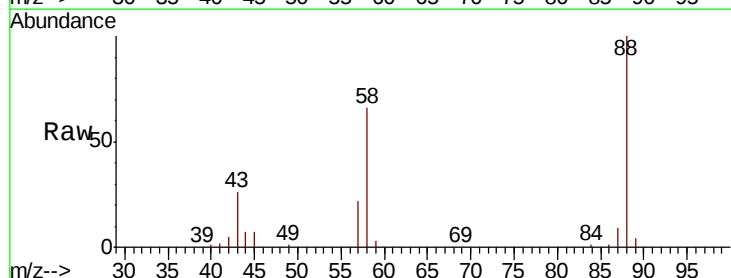
Tgt Ion: 88 Resp: 221060

Ion Ratio Lower Upper

88 100

58 66.6 54.1 81.1

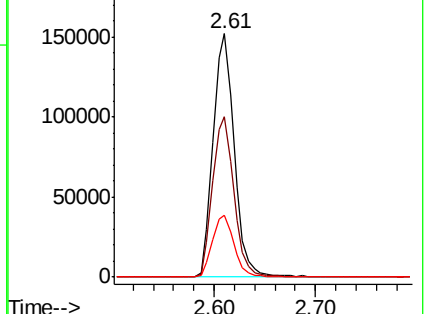
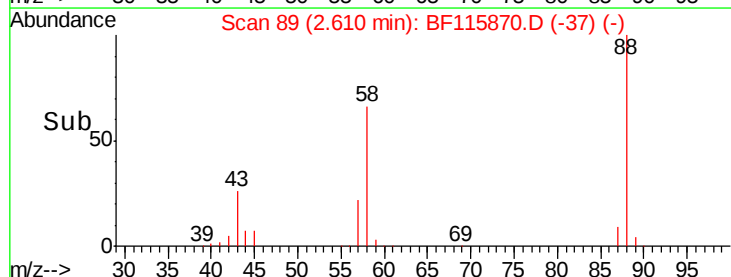
43 26.0 20.7 31.1

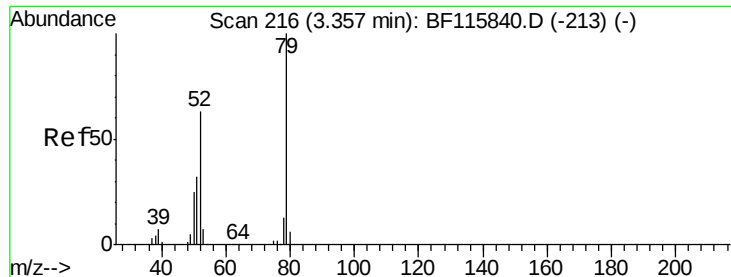


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.007 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

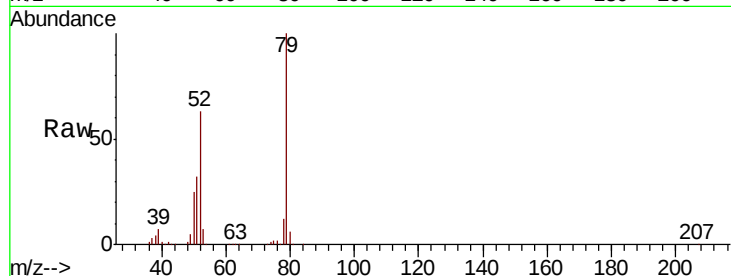
Tot Ion: 79 Resp: 604191

Ion Ratio Lower Upper

79 100

52 62.6 50.2 75.4

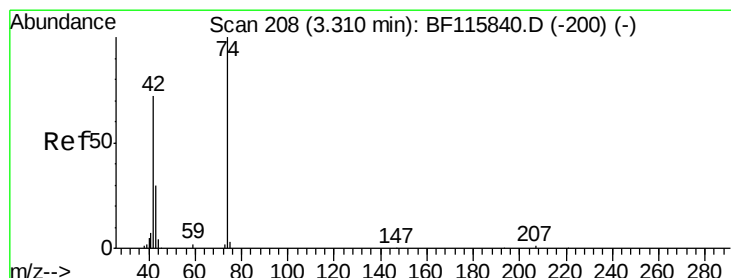
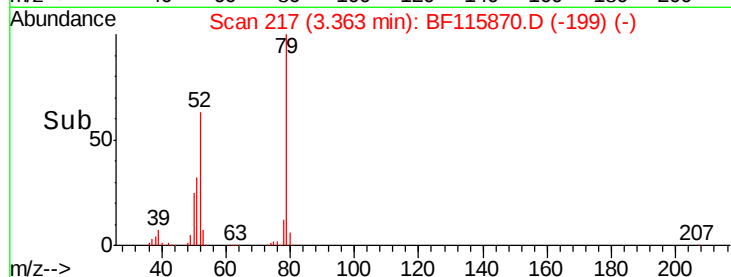
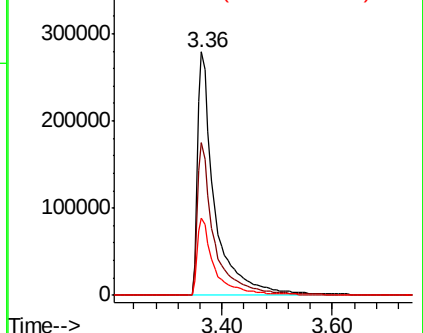
51 31.8 25.8 38.6



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: 40.559 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

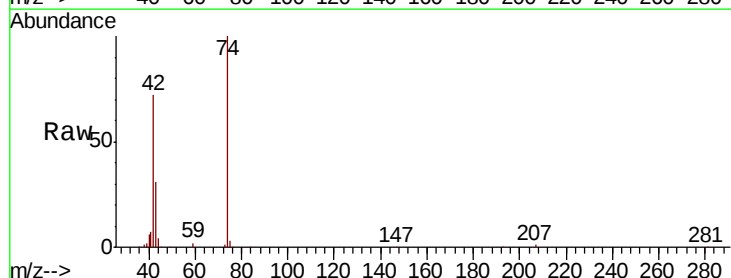
Tgt Ion: 42 Resp: 254444

Ion Ratio Lower Upper

42 100

74 138.0 111.0 166.4

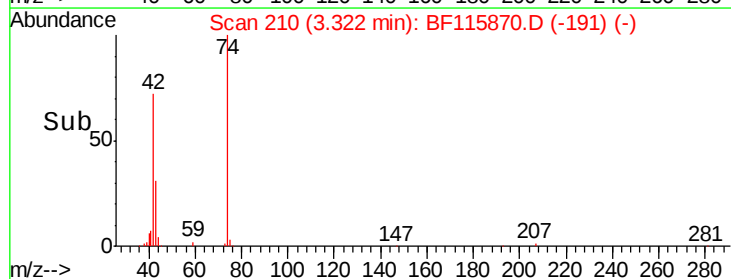
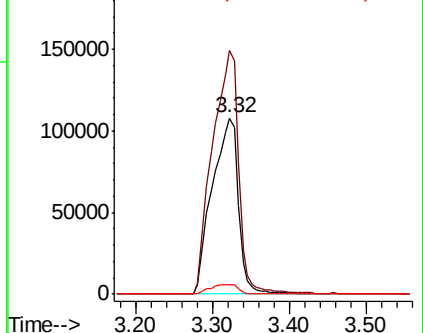
44 5.4 4.7 7.1



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.593 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

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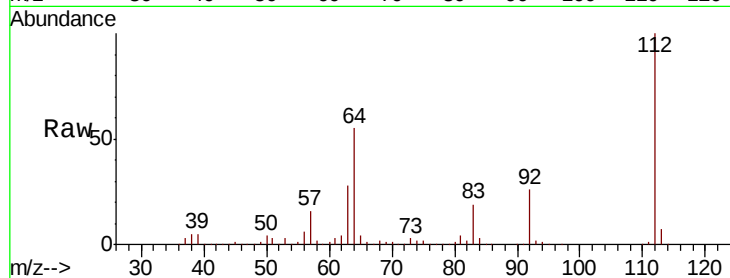
Tot Ion:112 Resp: 874068

Ion Ratio Lower Upper

112 100

64 54.6 46.8 70.2

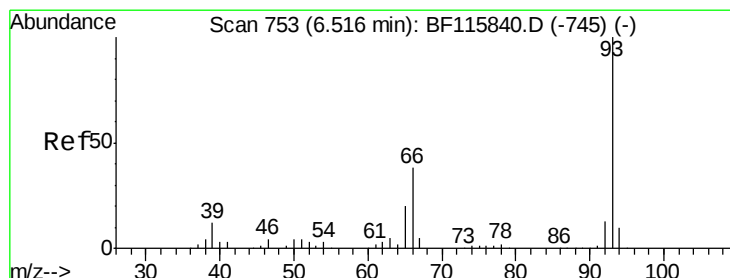
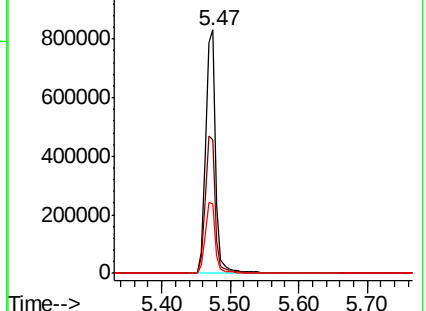
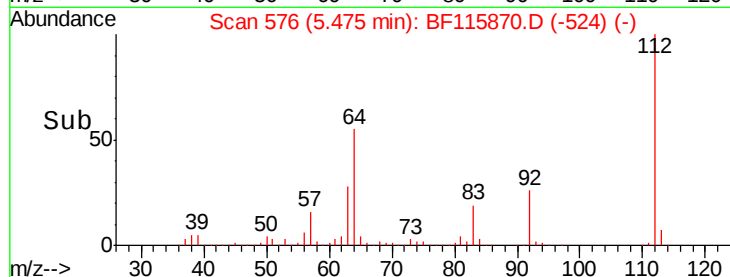
63 28.4 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.517 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

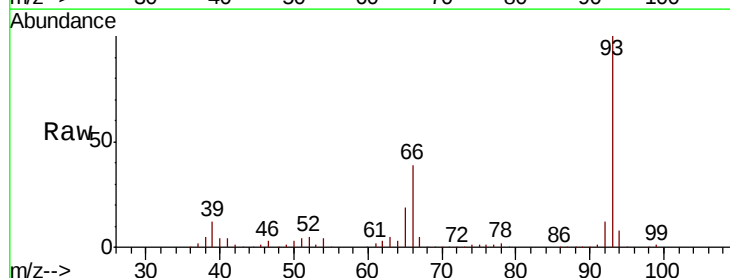
Tgt Ion: 93 Resp: 824680

Ion Ratio Lower Upper

93 100

66 38.6 31.4 47.0

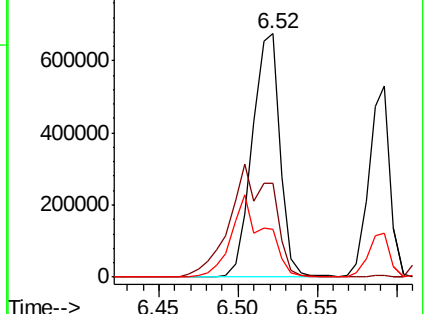
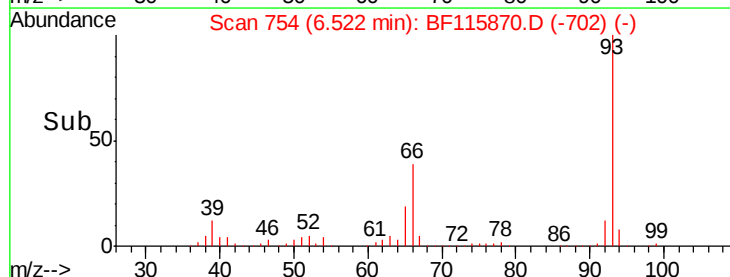
65 19.4 16.5 24.7

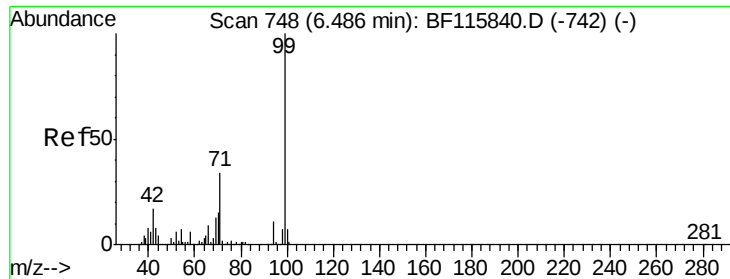


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.590 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

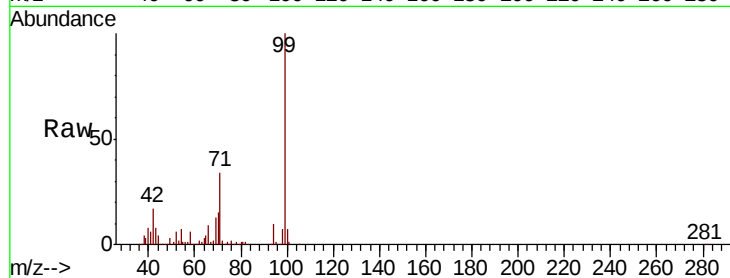
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1131165

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	33.7	27.1	40.7

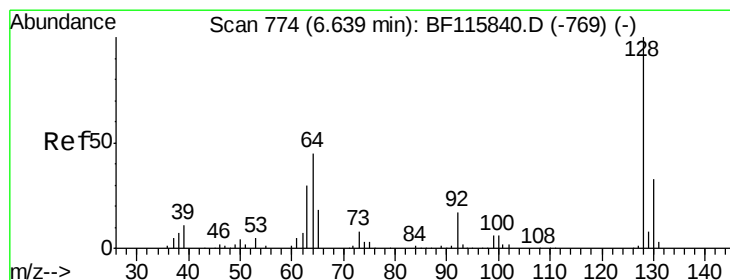
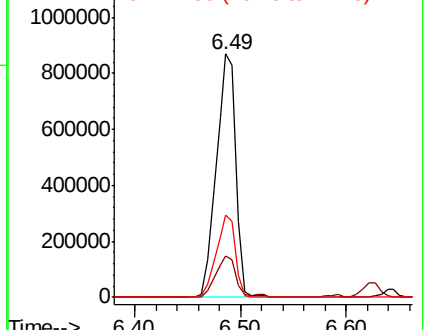
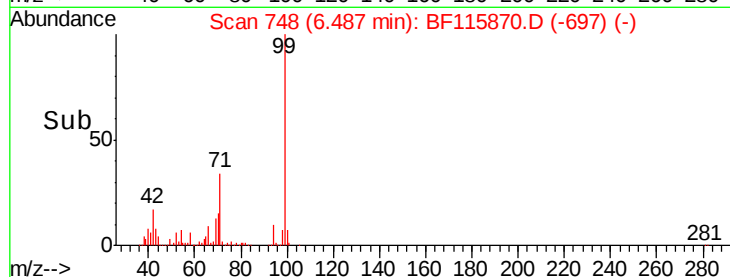


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.944 ng

RT: 6.64 min Scan# 774

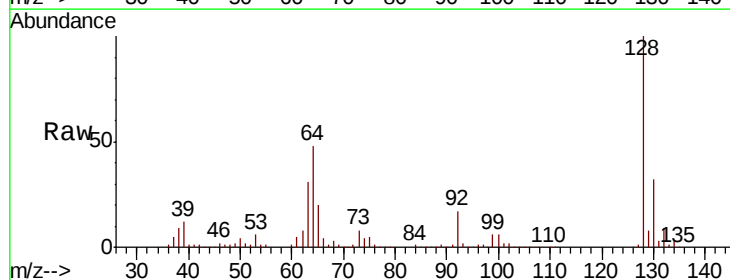
Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Tgt Ion: 128 Resp: 497560

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	48.3	26.1	66.1

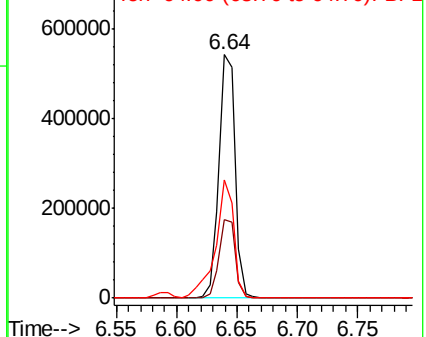
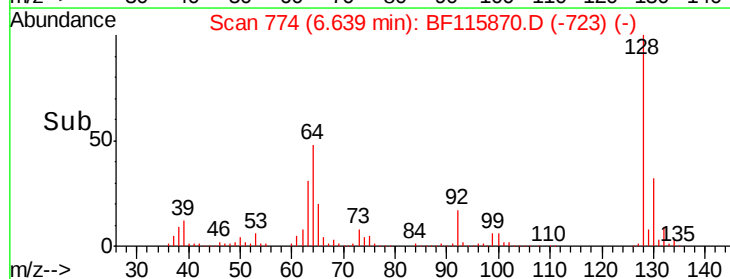


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

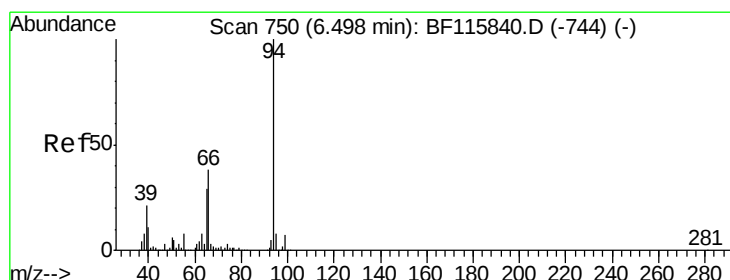
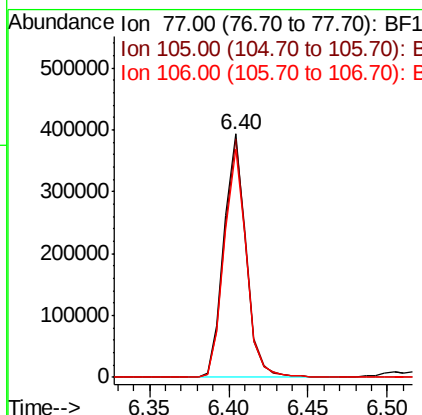
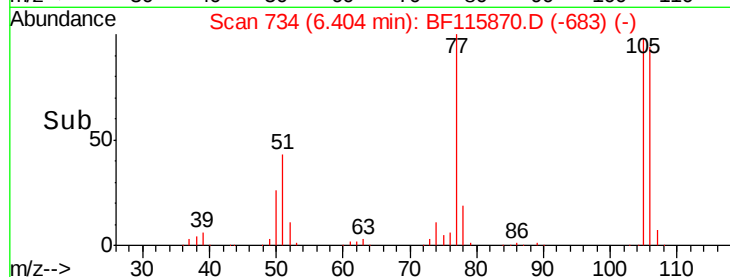
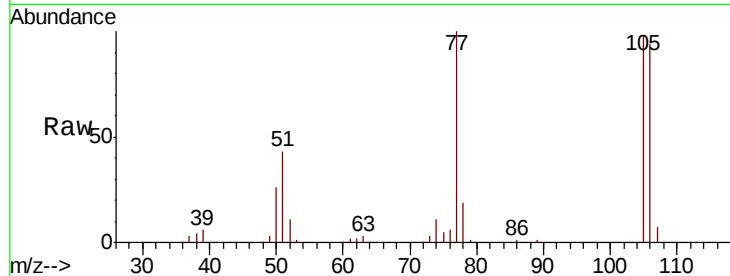




#9
Benzaldehyde
Concen: 38.642 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115870.D
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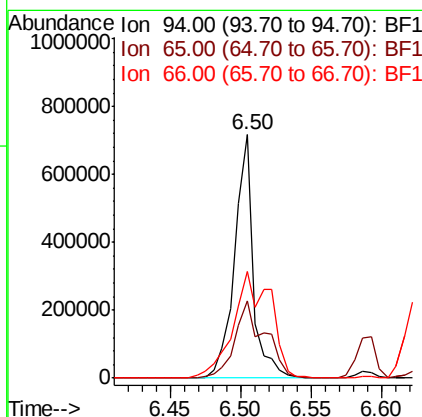
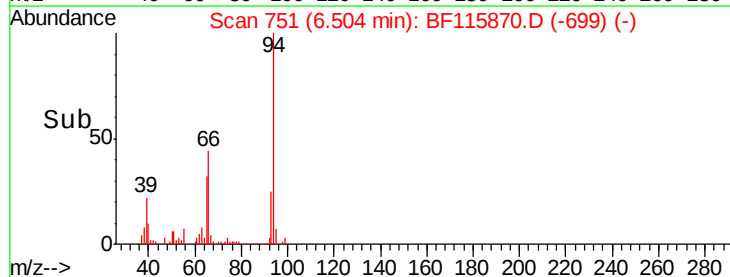
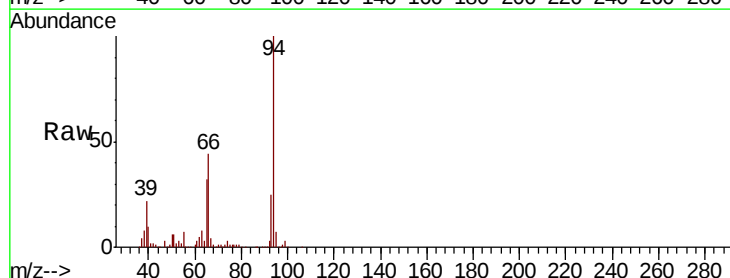
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

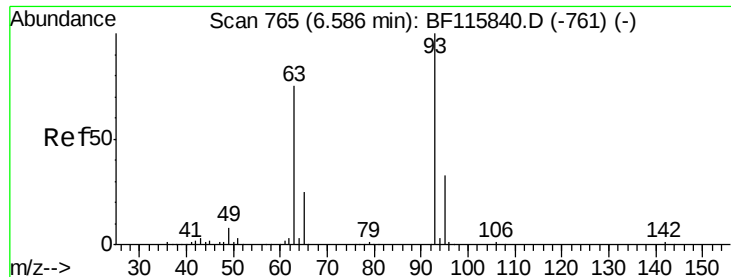
Tot Ion: 77 Resp: 378937
Ion Ratio Lower Upper
77 100
105 97.9 79.0 119.0
106 93.9 76.2 116.2



#10
Phenol
Concen: 39.581 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion: 94 Resp: 662457
Ion Ratio Lower Upper
94 100
65 31.6 8.9 48.9
66 43.7 18.0 58.0

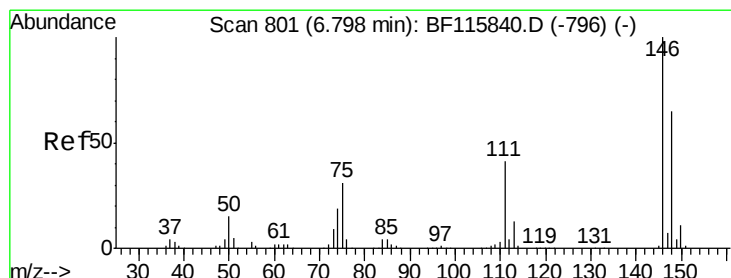
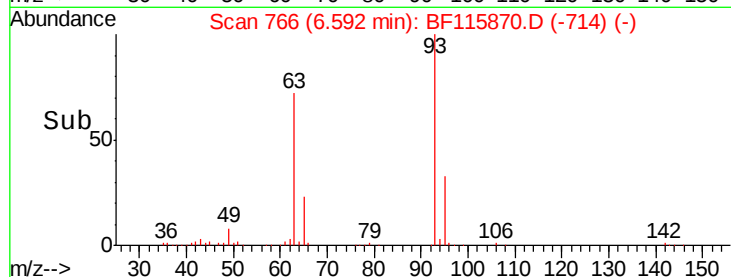
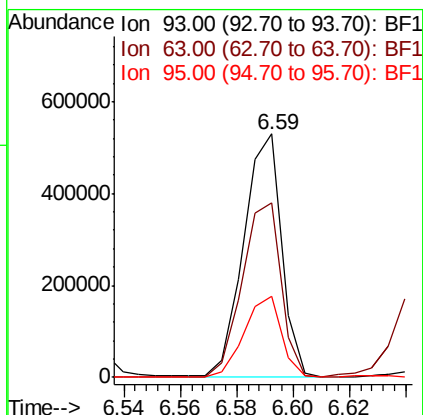
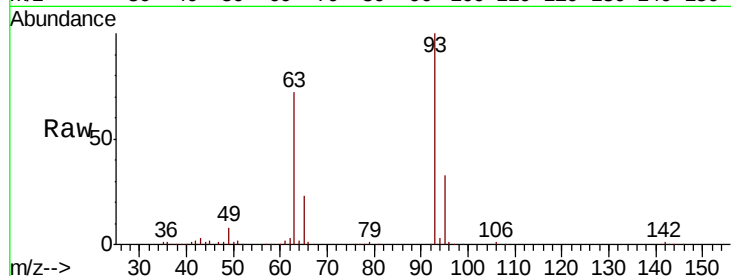




#11
bis(2-Chloroethyl)ether
Concen: 39.886 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

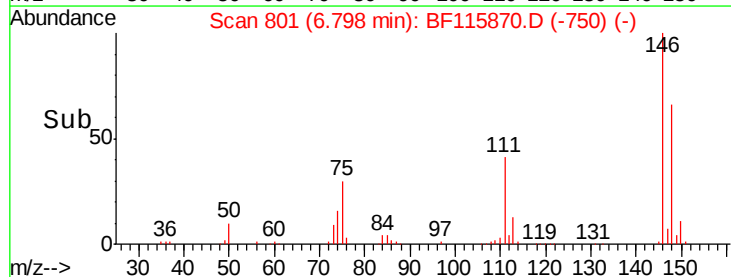
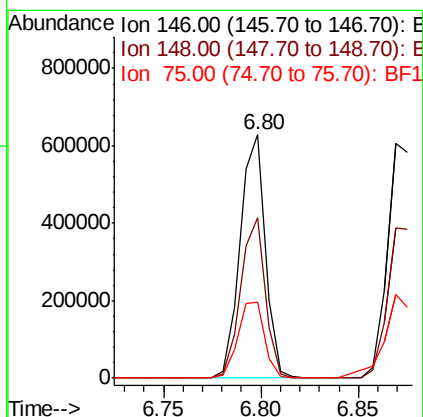
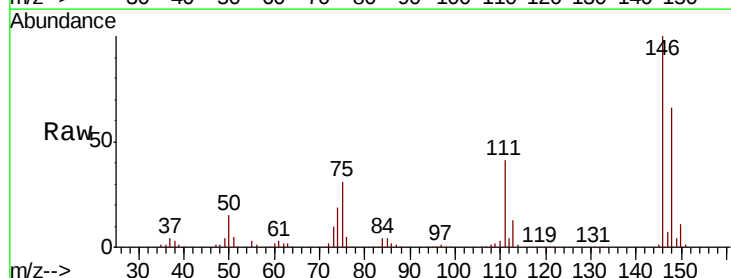
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

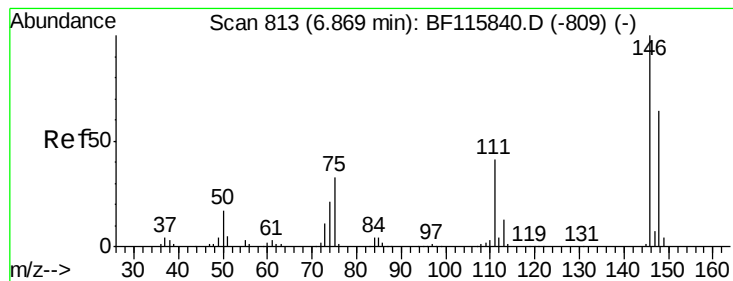
Tot Ion: 93 Resp: 490801
Ion Ratio Lower Upper
93 100
63 71.6 54.9 94.9
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.064 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion: 146 Resp: 562360
Ion Ratio Lower Upper
146 100
148 66.0 52.1 78.1
75 31.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 39.281 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

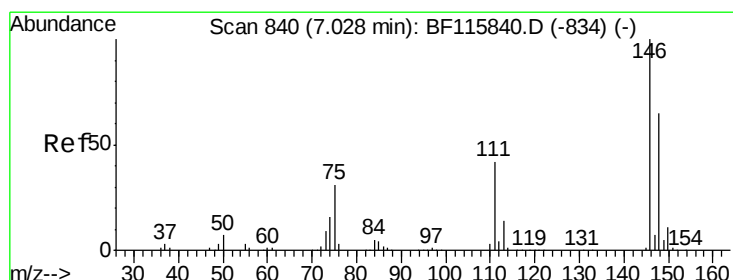
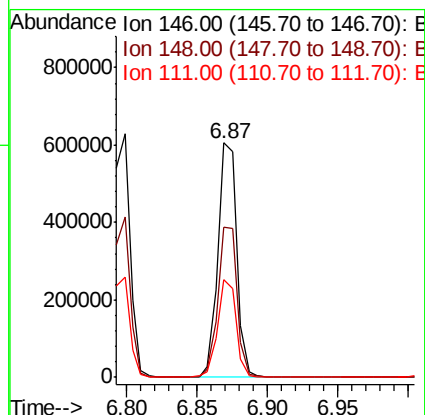
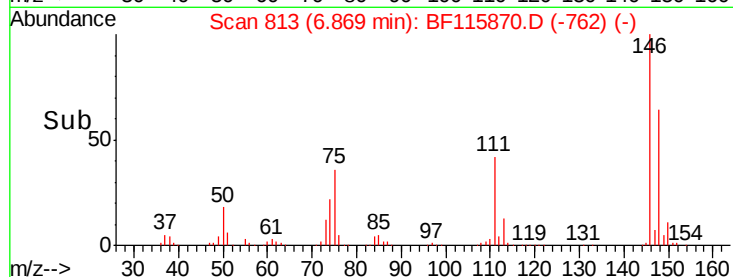
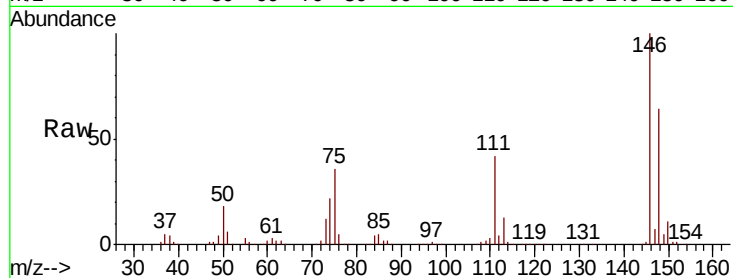
Tot Ion:146 Resp: 566198

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 42.0 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 39.401 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

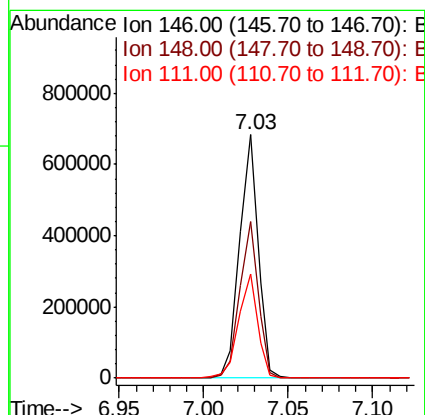
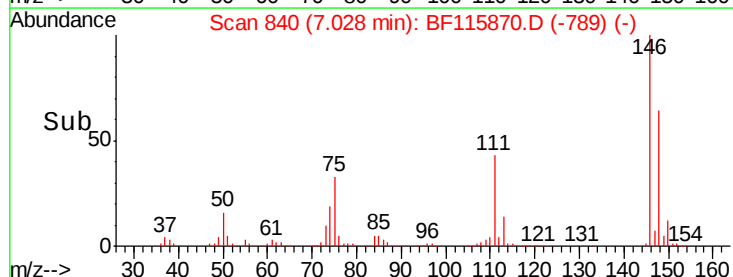
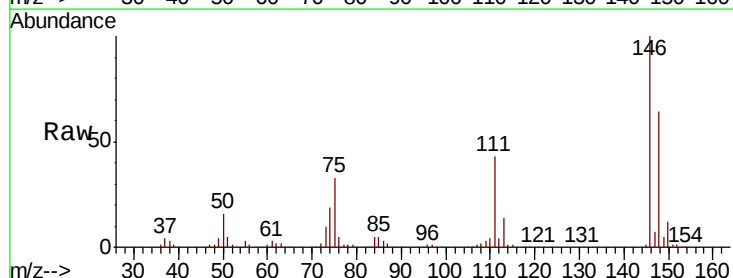
Tgt Ion:146 Resp: 522947

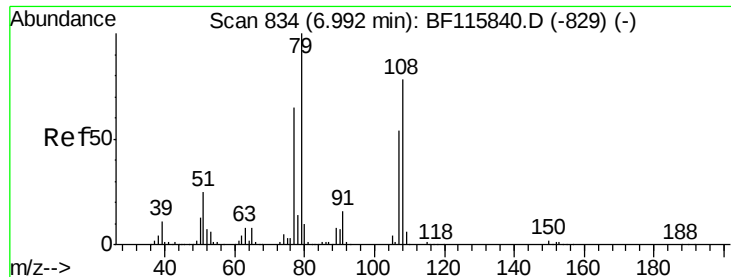
Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

111 43.0 33.6 50.4





#15

Benzyl Alcohol

Concen: 40.128 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

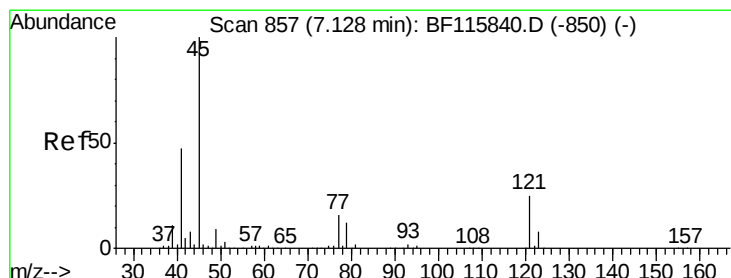
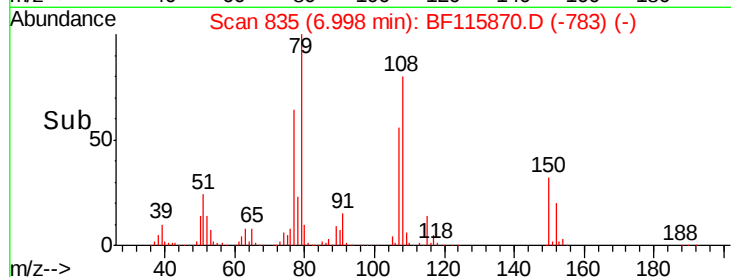
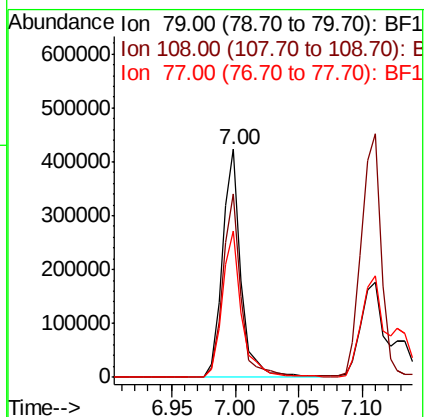
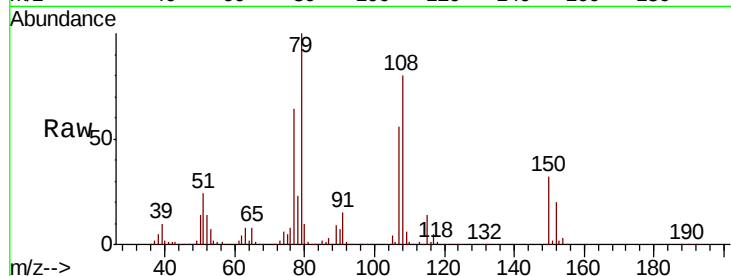
Tot Ion: 79 Resp: 432813

Ion Ratio Lower Upper

79 100

108 80.4 62.8 94.2

77 64.3 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.474 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

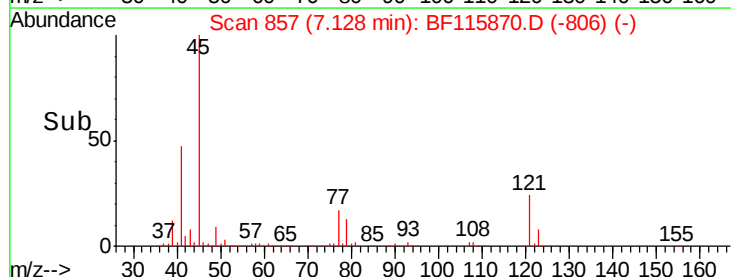
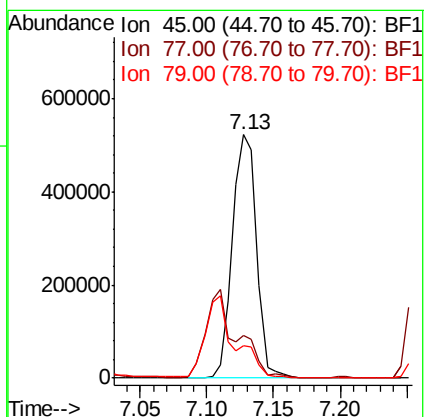
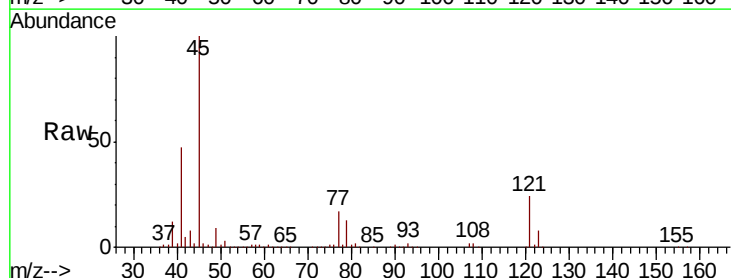
Tgt Ion: 45 Resp: 662536

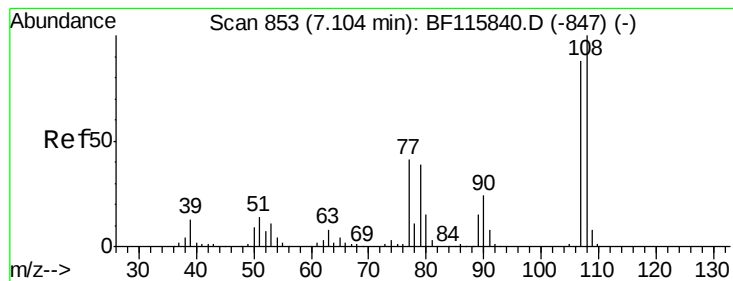
Ion Ratio Lower Upper

45 100

77 17.3 0.0 36.3

79 13.1 0.0 32.5

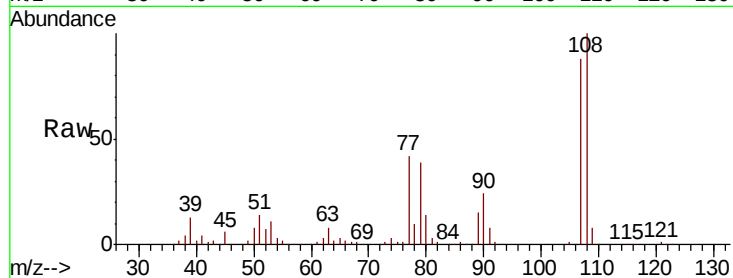




#17
2-Methylphenol
Concen: 40.095 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.4	137.0
77	47.7	37.6	56.4
79	44.5	36.2	54.4



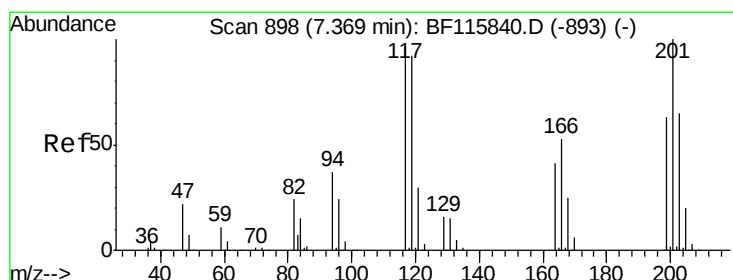
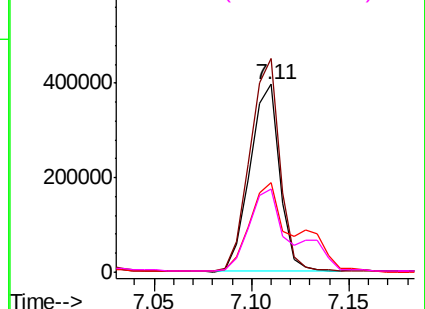
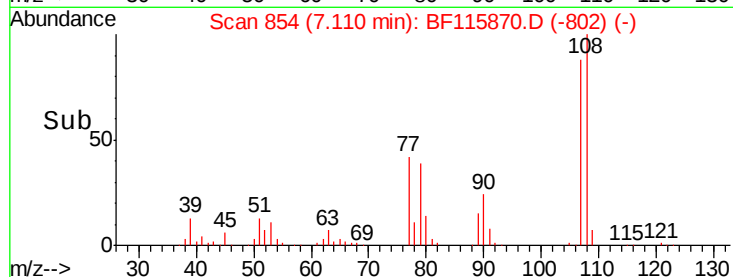
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

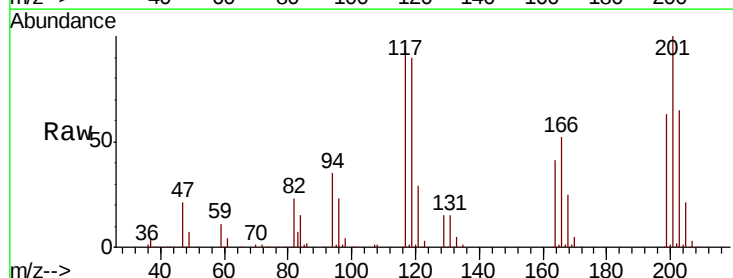
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.743 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.6
201	105.4	82.0	123.0

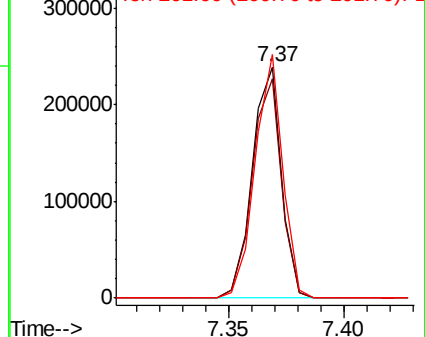
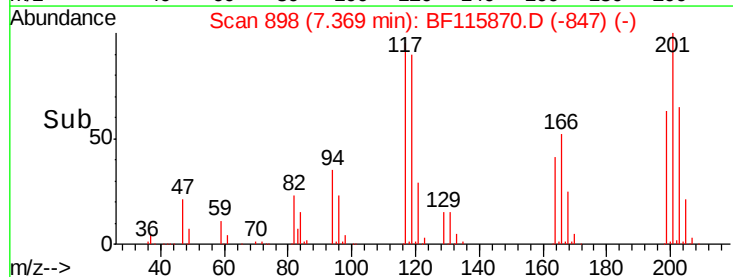


Abundance

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

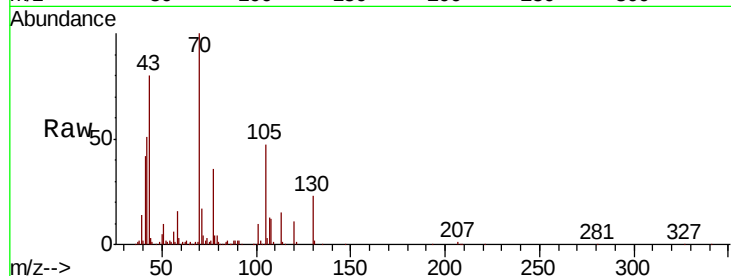




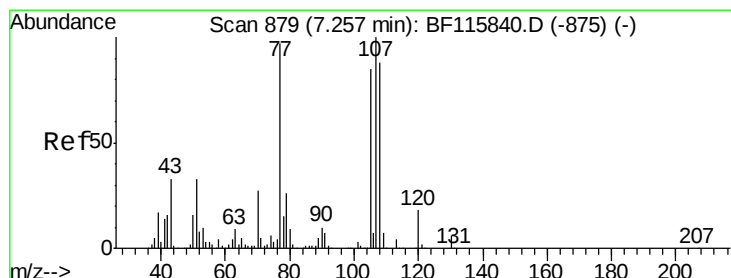
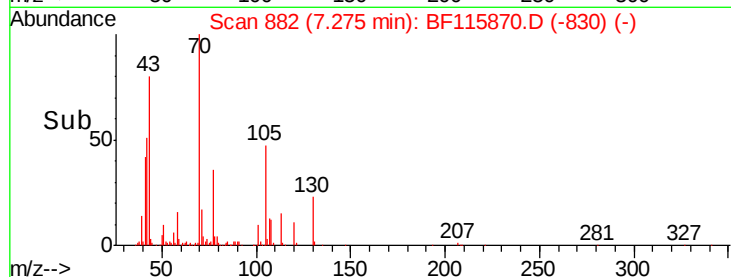
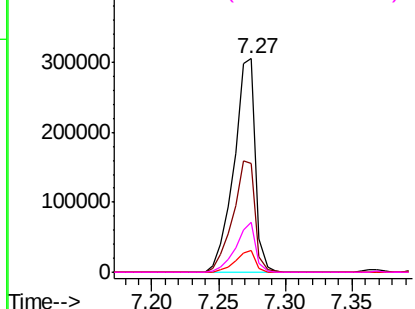
#19
n-Nitroso-di-n-propylamine
Concen: 39.213 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 345358
Ion Ratio Lower Upper
70 100
42 51.0 41.8 62.8
101 9.9 7.7 11.5
130 23.2 17.8 26.6

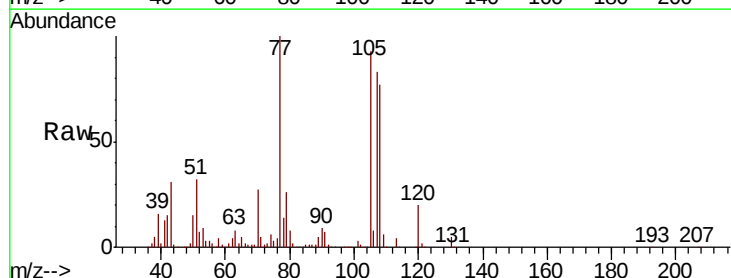


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

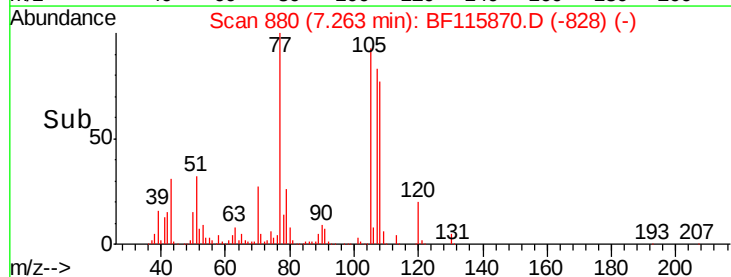
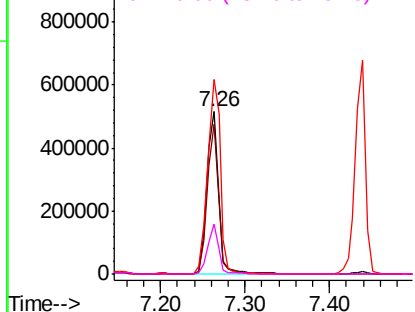


#20
3+4-Methylphenols
Concen: 39.250 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion: 107 Resp: 489908
Ion Ratio Lower Upper
107 100
108 92.0 67.9 107.9
77 119.9 77.3 117.3#
79 30.7 6.6 46.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 747554

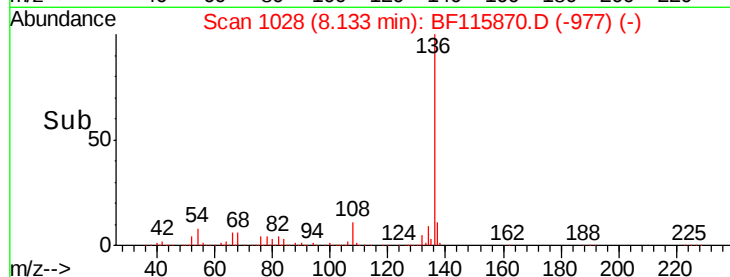
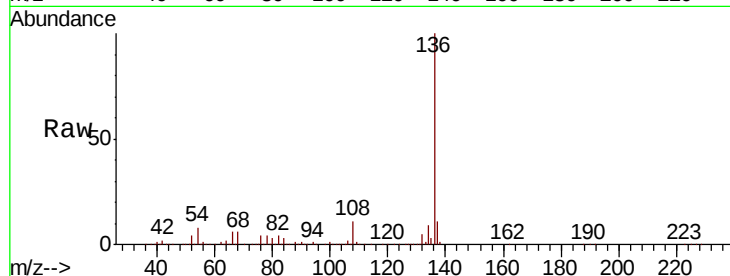
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.7 6.1 9.1

68 6.5 5.4 8.2

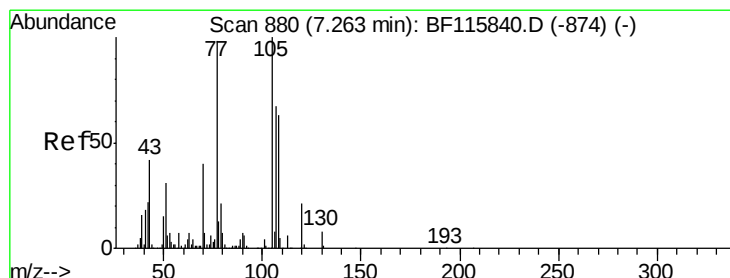
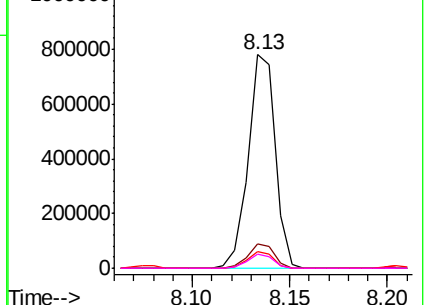


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.610 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Tgt Ion:105 Resp: 649406

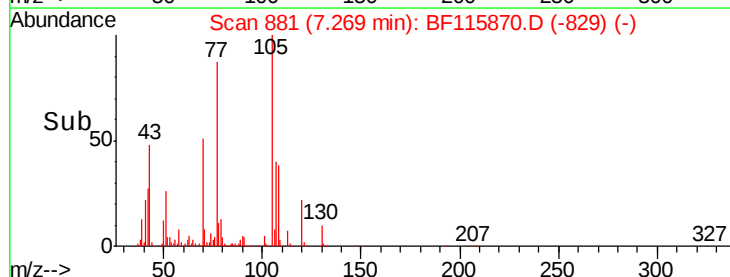
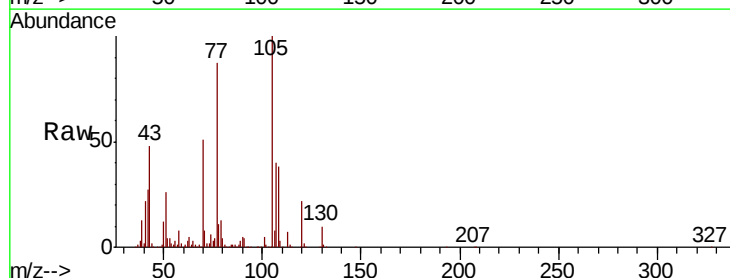
Ion Ratio Lower Upper

105 100

71 8.5 5.4 8.0#

51 25.8 24.6 36.8

120 22.2 17.0 25.6

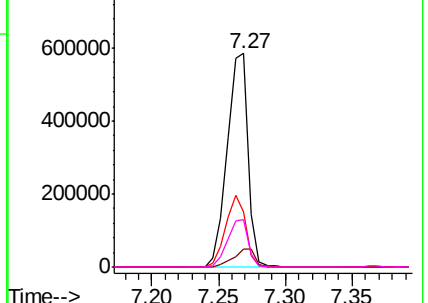


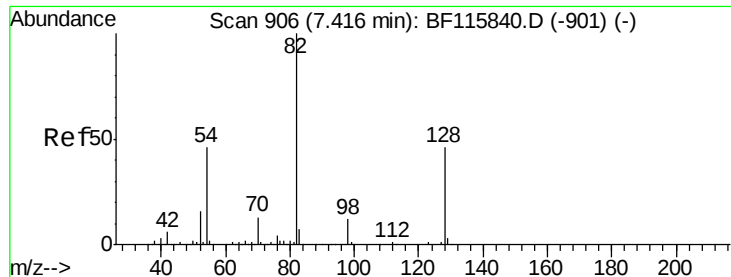
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

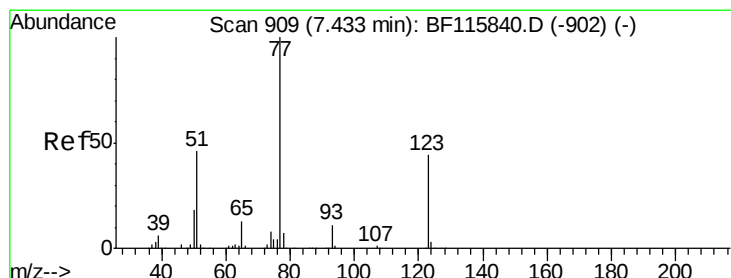
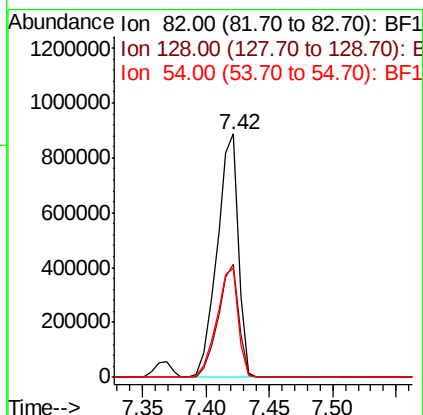
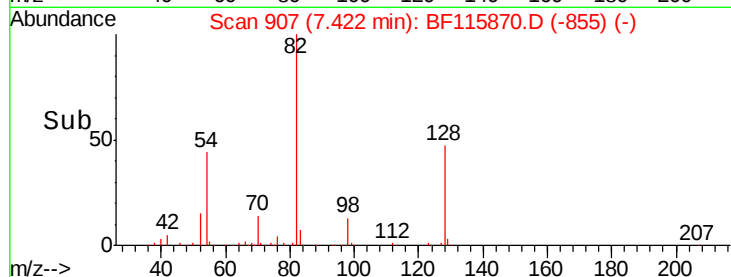
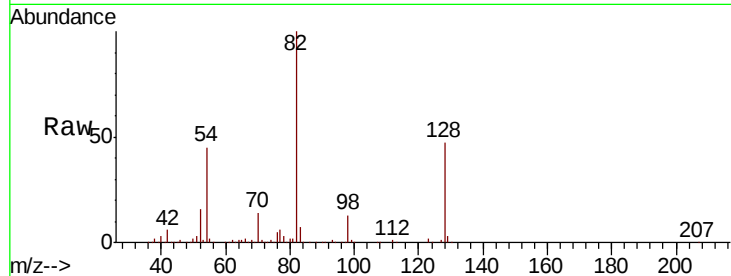




#23
Nitrobenzene-d5
Concen: 80.096 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

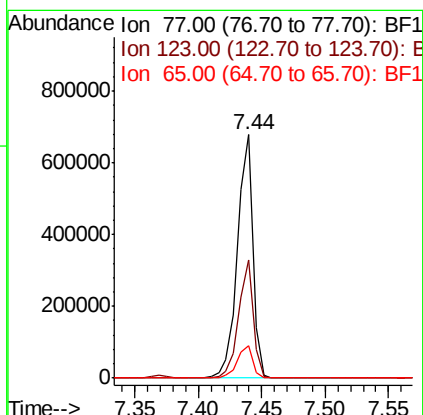
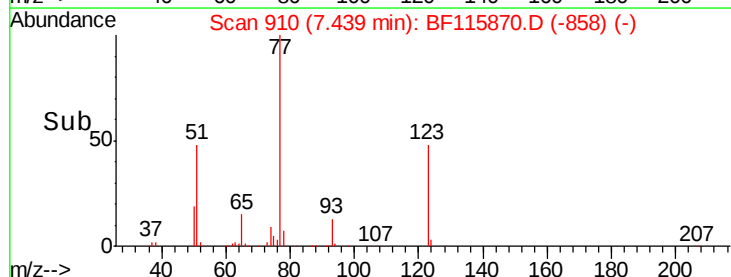
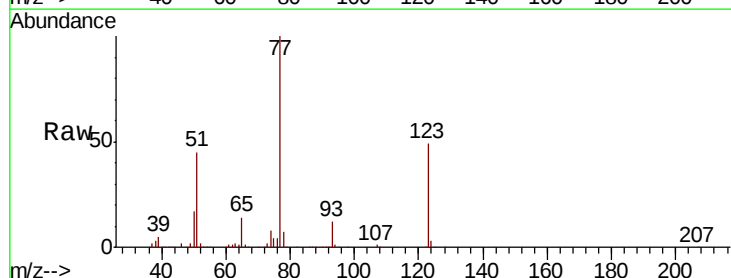
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

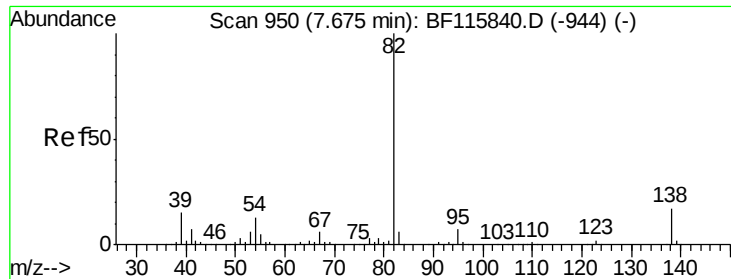
Tot Ion: 82 Resp: 1037305
Ion Ratio Lower Upper
82 100
128 46.6 36.6 55.0
54 44.7 36.6 55.0



#24
Nitrobenzene
Concen: 40.305 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion: 77 Resp: 563615
Ion Ratio Lower Upper
77 100
123 48.6 35.5 53.3
65 13.5 10.6 15.8

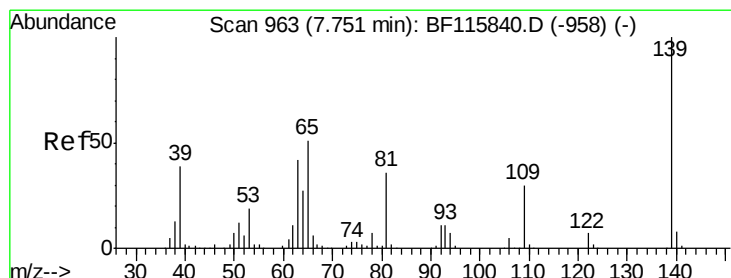
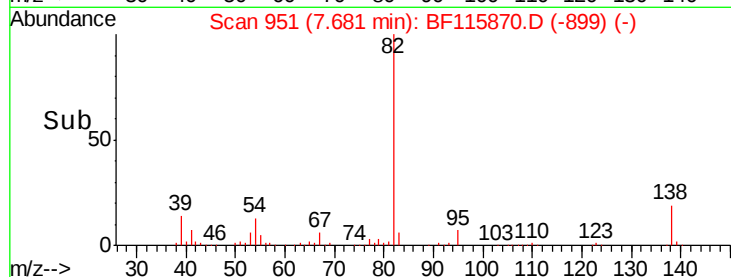
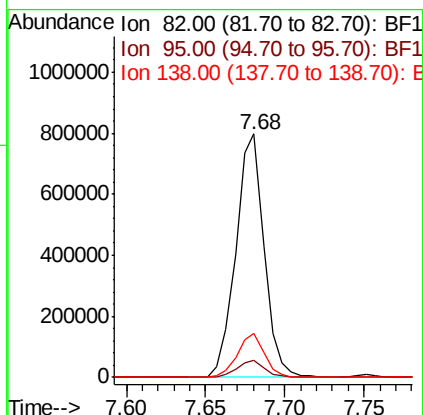
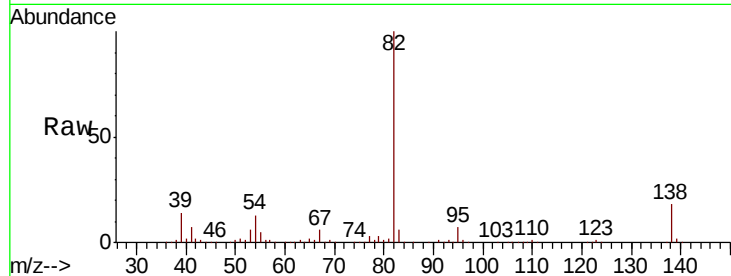




#25
Isophorone
Concen: 39.708 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

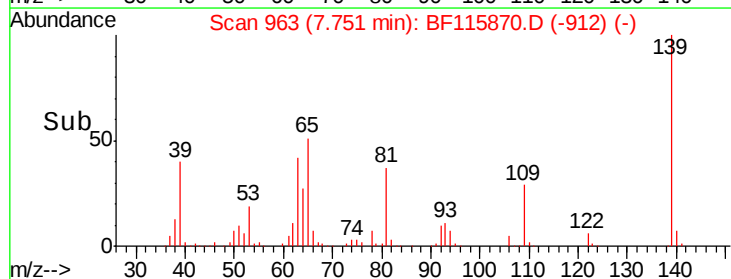
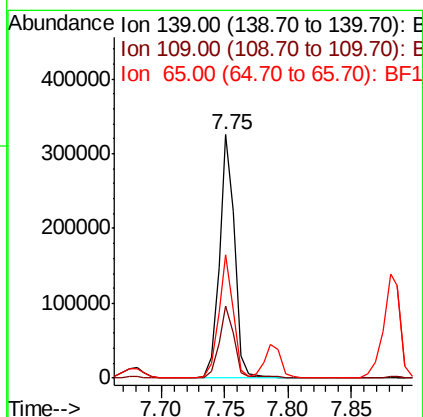
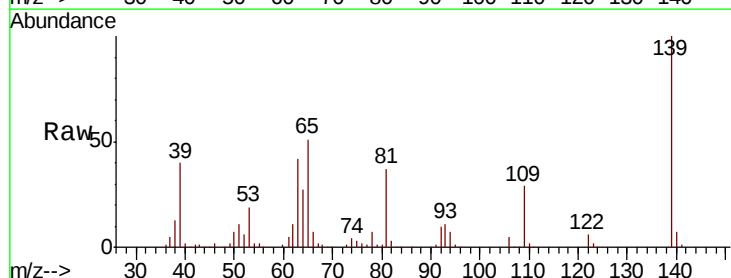
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

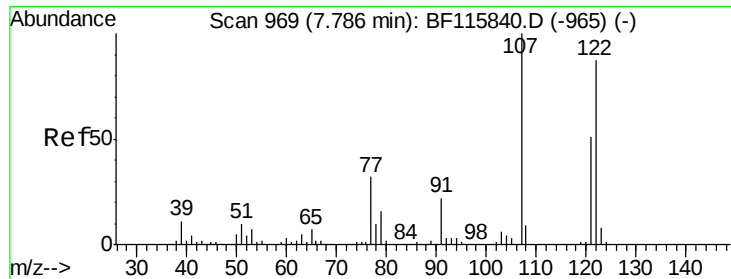
Tot Ion: 82 Resp: 983321
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 41.214 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion: 139 Resp: 271668
Ion Ratio Lower Upper
139 100
109 29.5 23.6 35.4
65 50.8 40.6 60.8

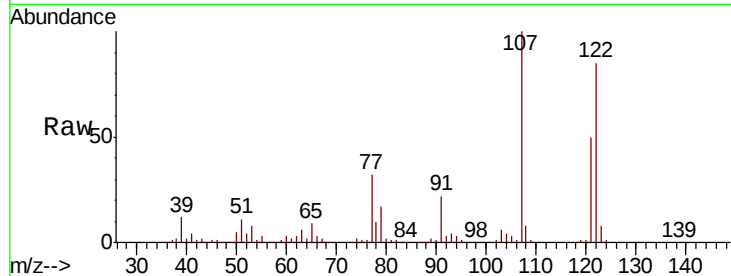




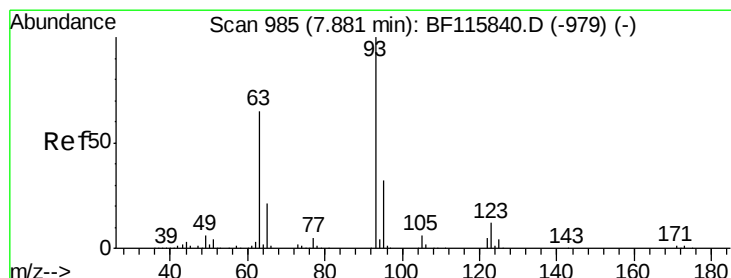
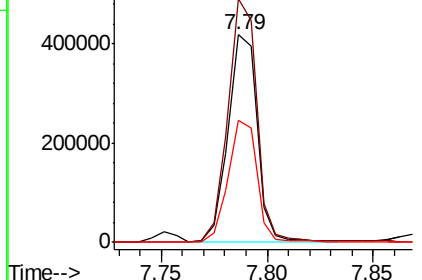
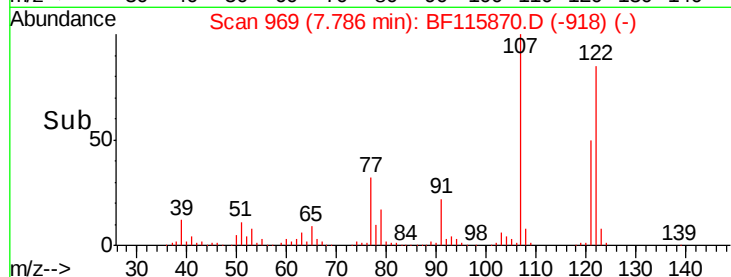
#27
 2,4-Dimethylphenol
 Concen: 40.078 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 397454
 Ion Ratio Lower Upper
 122 100
 107 117.5 91.7 137.5
 121 58.7 46.6 70.0

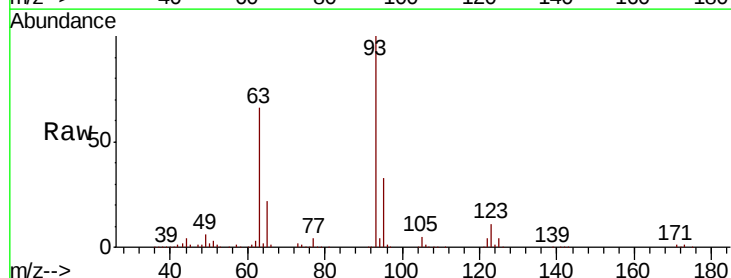


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

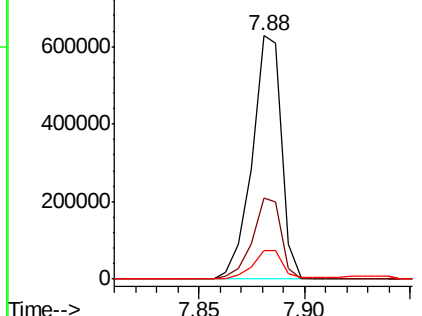
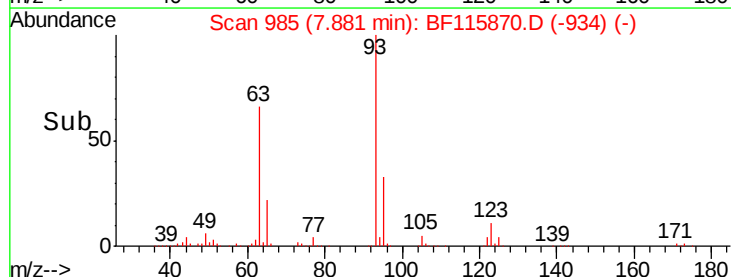


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.683 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion: 93 Resp: 609099
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.5 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

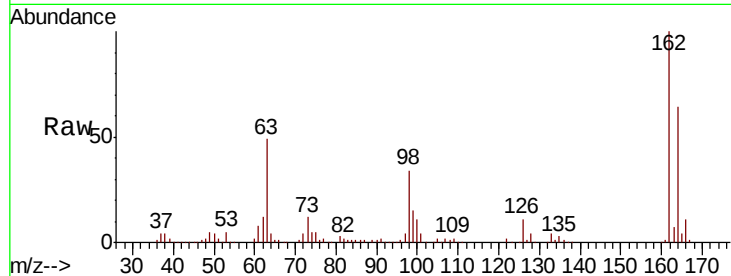




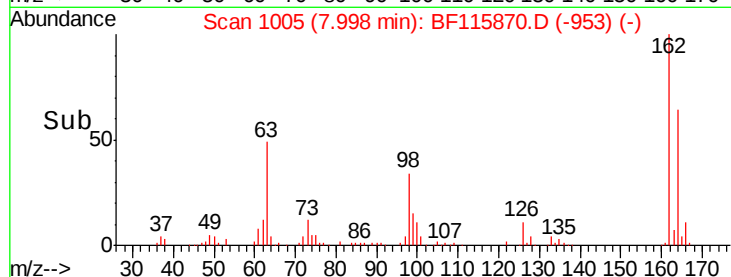
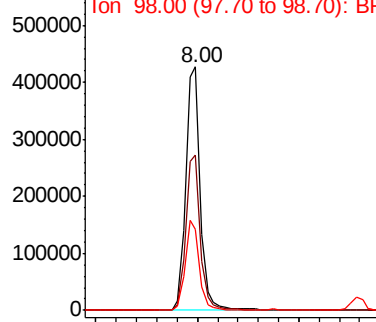
#29
 2,4-Dichlorophenol
 Concen: 40.659 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 425744
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.2 83.2
 98 33.6 17.3 57.3

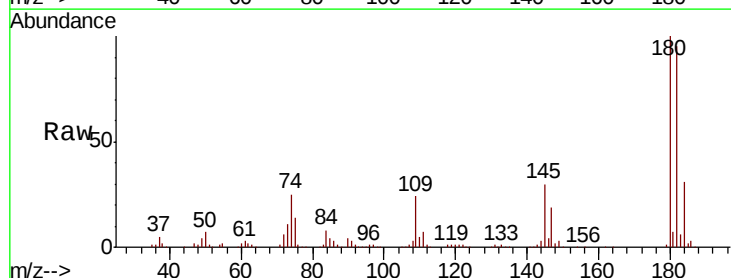


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

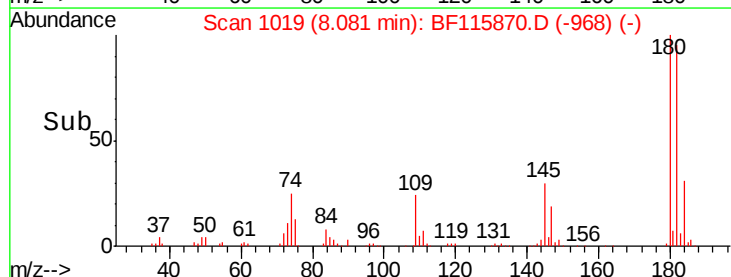
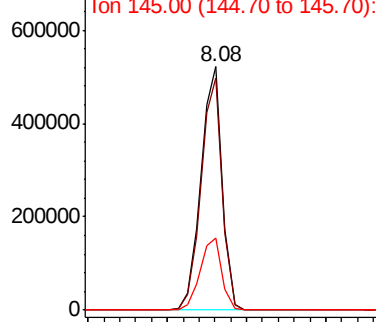


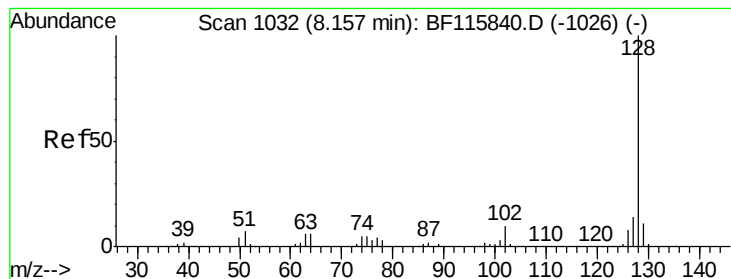
#30
 1,2,4-Trichlorobenzene
 Concen: 40.373 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion:180 Resp: 481894
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.6 114.8
 145 29.6 23.2 34.8



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: 40.257 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

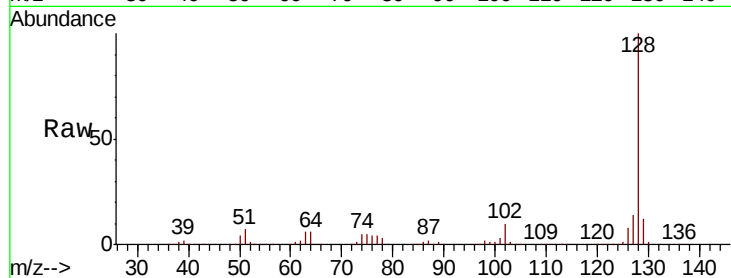
Tot Ion:128 Resp: 1416168

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

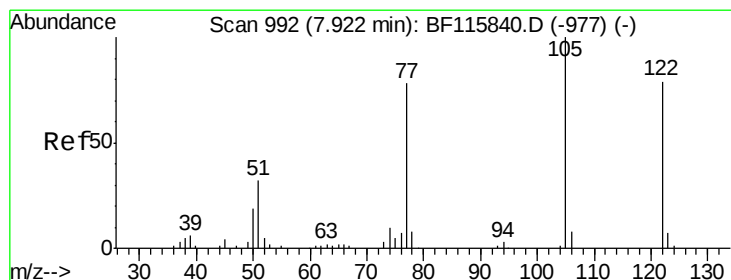
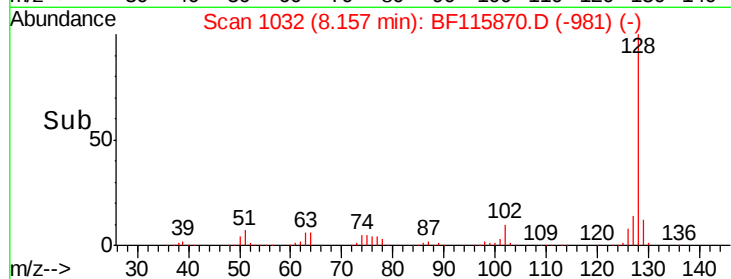
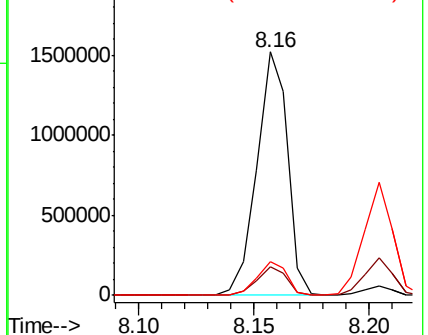
127 14.1 11.0 16.4



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: 36.937 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

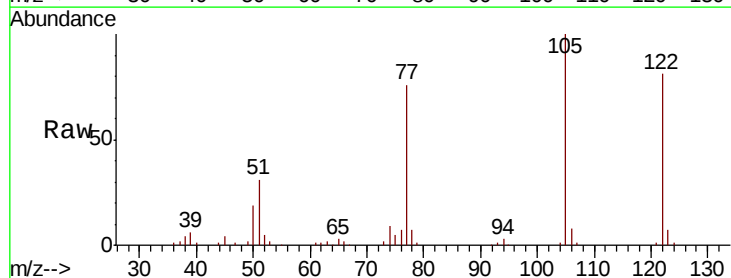
Tgt Ion:122 Resp: 258260

Ion Ratio Lower Upper

122 100

105 123.5 103.1 143.1

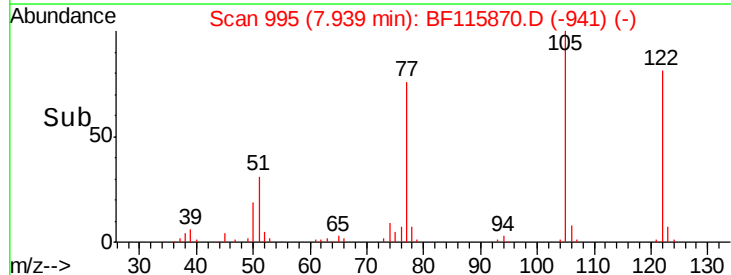
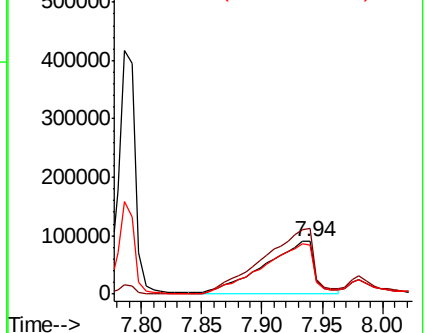
77 93.7 76.8 116.8

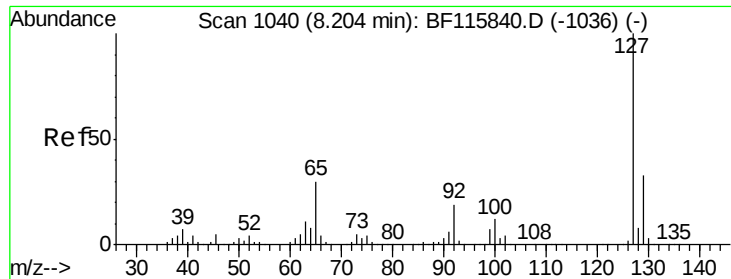


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

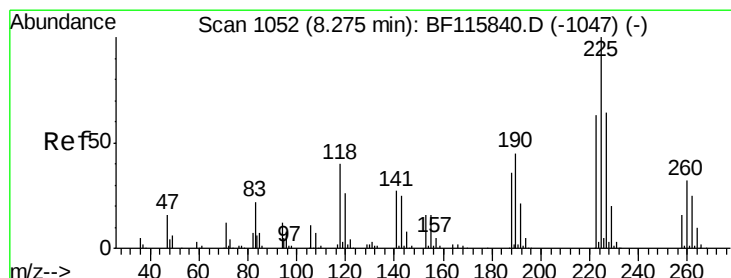
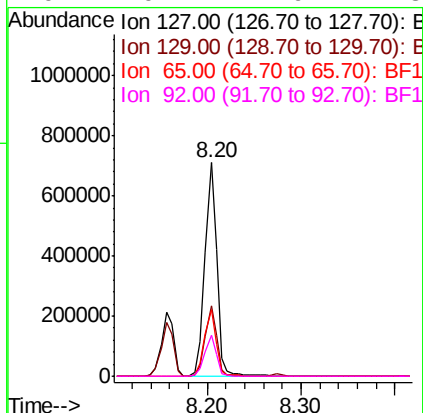
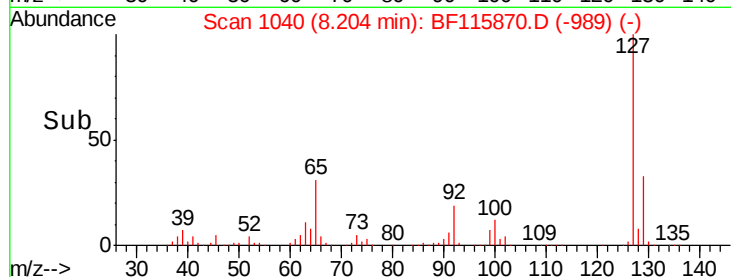
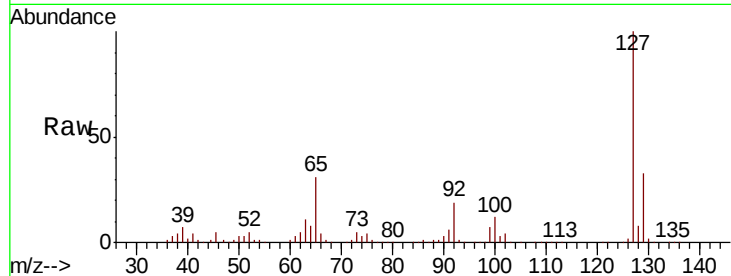




#33
4-Chloroaniline
Concen: 40.286 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

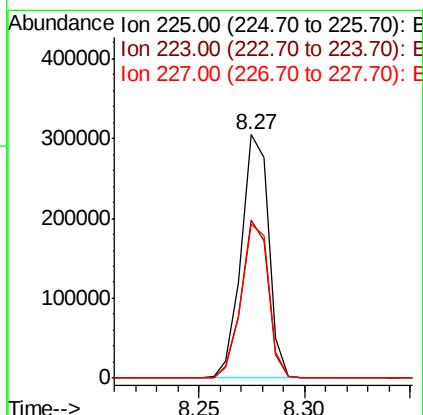
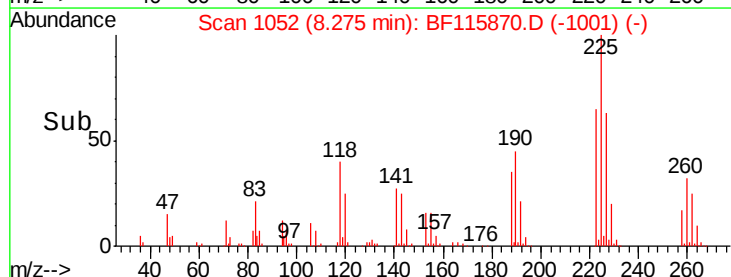
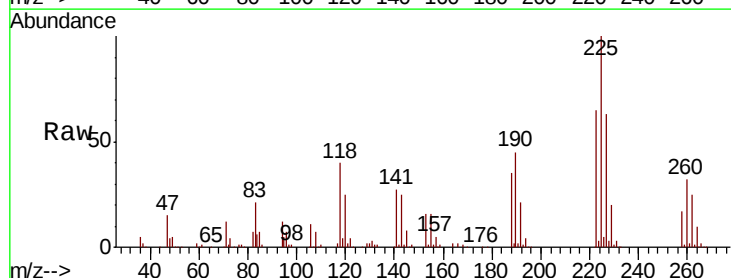
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	633205
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.0 39.0
65	31.0	23.9 35.9
92	19.2	14.9 22.3



#34
Hexachlorobutadiene
Concen: 39.869 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion:225	Resp:	274101
Ion Ratio	Lower	Upper
225	100	
223	64.9	50.4 75.6
227	63.4	51.6 77.4

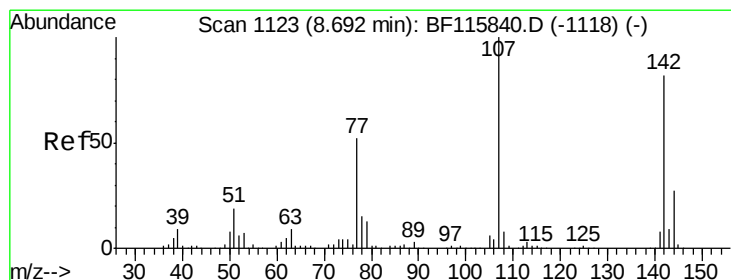
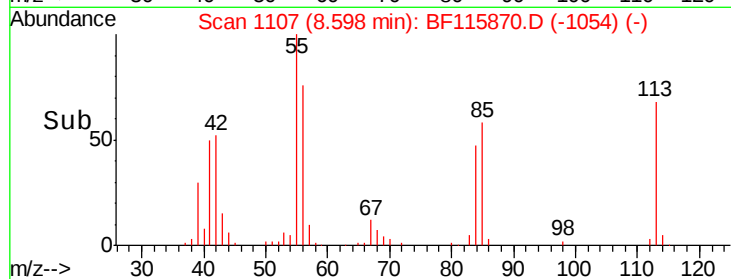
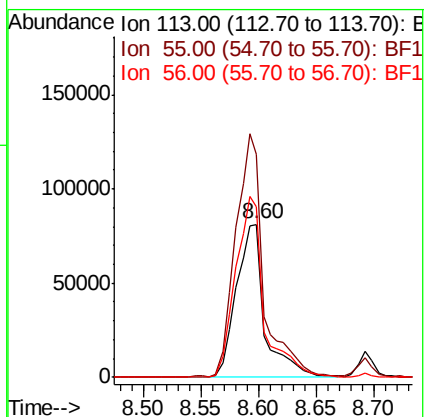
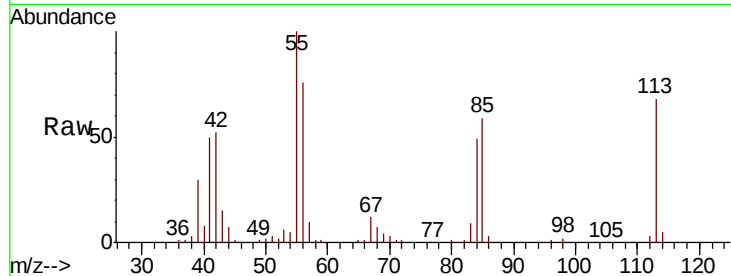




#35
Caprolactam
Concen: 40.839 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

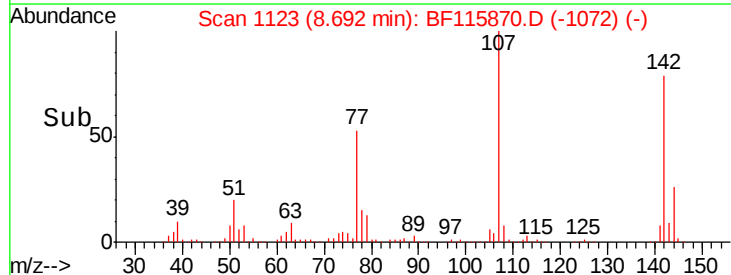
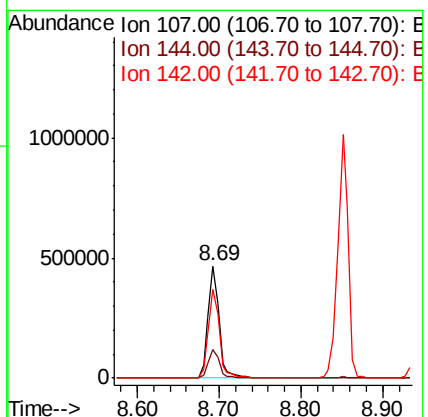
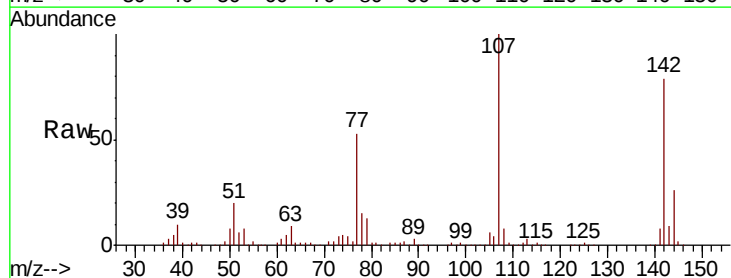
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

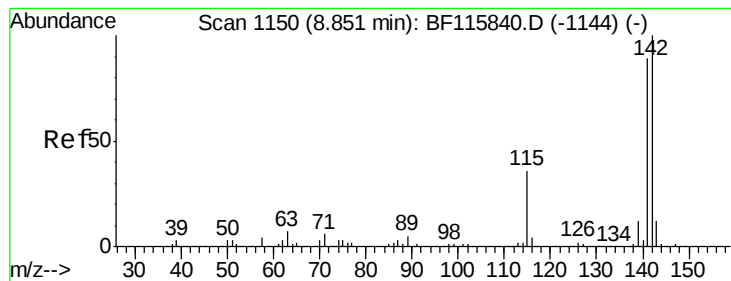
Tot Ion:113 Resp: 138306
Ion Ratio Lower Upper
113 100
55 146.1 138.1 178.1
56 111.7 100.6 140.6



#36
4-Chloro-3-methylphenol
Concen: 40.224 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion:107 Resp: 438170
Ion Ratio Lower Upper
107 100
144 25.6 21.4 32.0
142 79.1 65.5 98.3





#37

2-Methylnaphthalene

Concen: 39.603 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

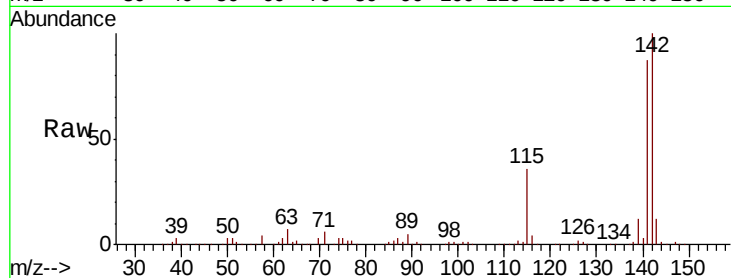
Tot Ion:142 Resp: 917533

Ion Ratio Lower Upper

142 100

141 87.2 71.4 107.2

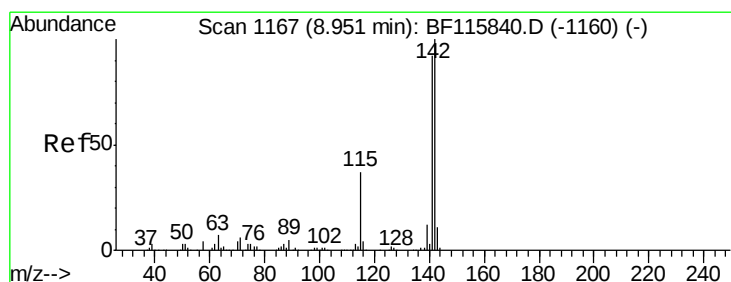
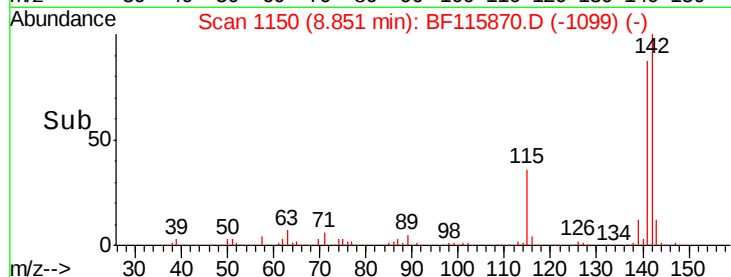
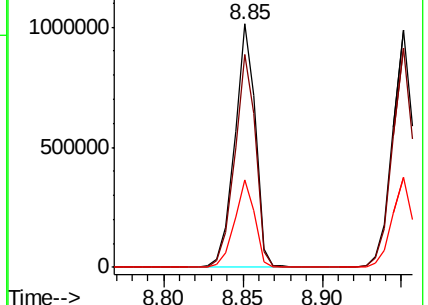
115 36.1 28.9 43.3



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: 39.454 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

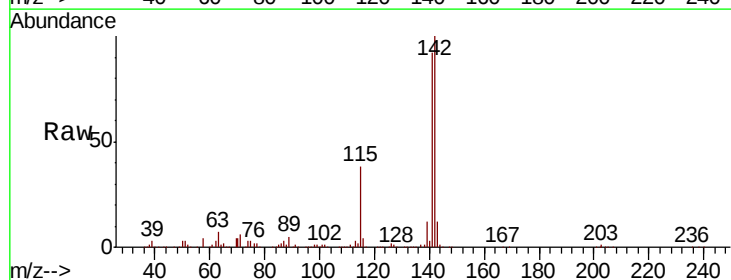
Tgt Ion:142 Resp: 864751

Ion Ratio Lower Upper

142 100

141 92.4 73.8 110.6

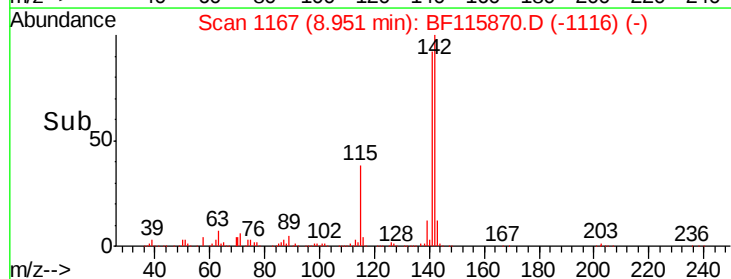
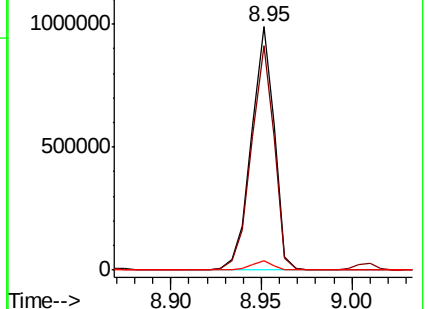
116 4.0 3.1 4.7

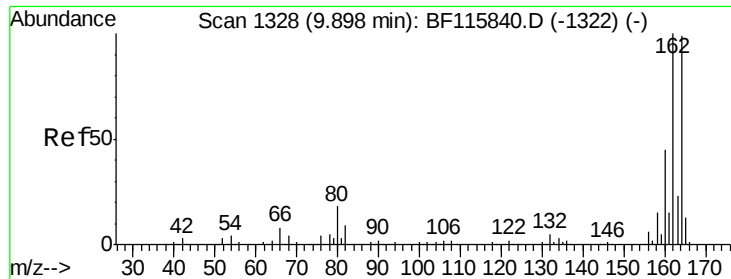


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

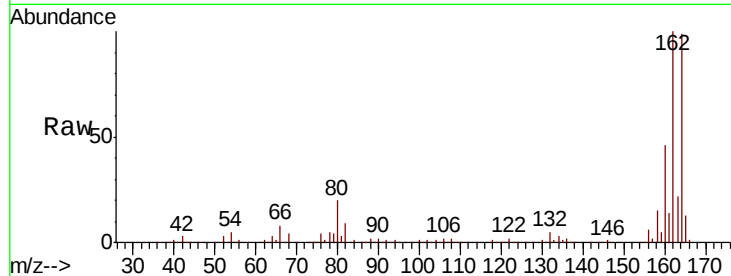




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	46.4	36.2	54.4

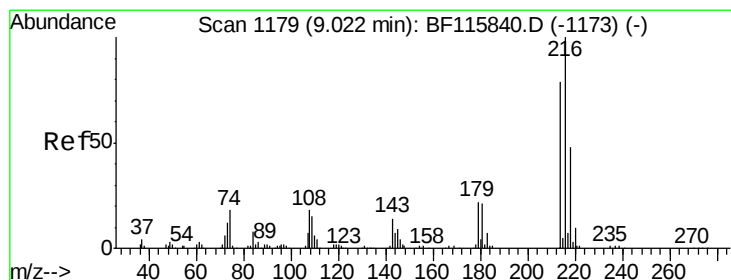
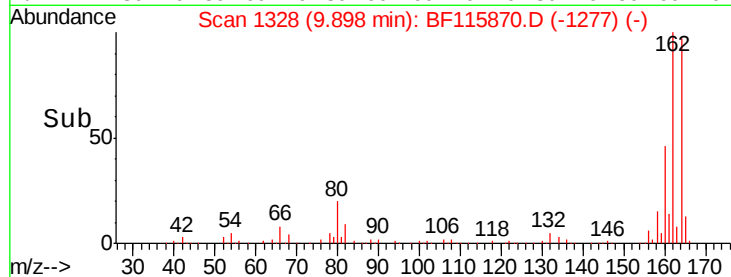
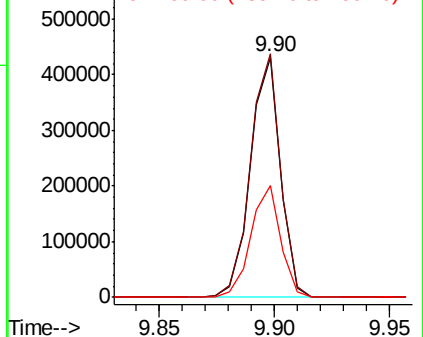


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.235 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	21.9	17.6	26.4
108	20.1	16.1	24.1

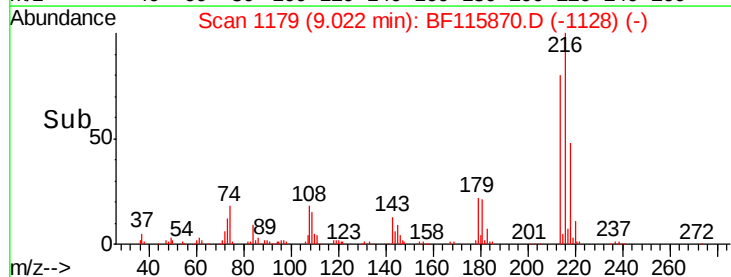
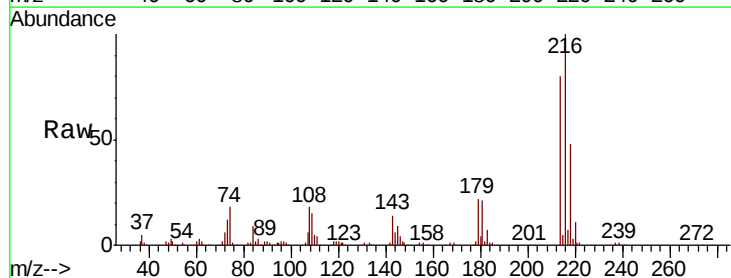
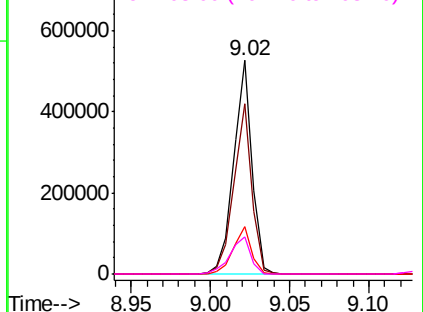
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.214 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

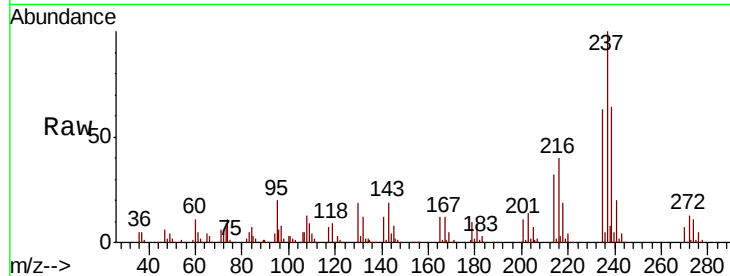
Tot Ion:237 Resp: 174105

Ion Ratio Lower Upper

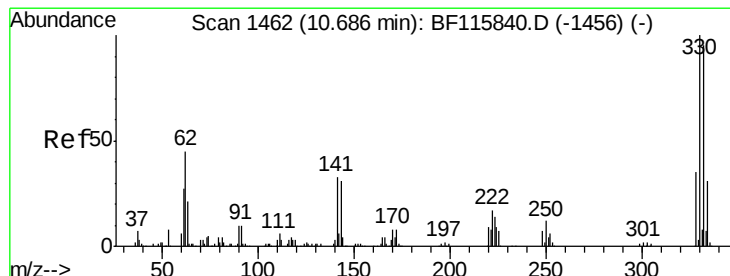
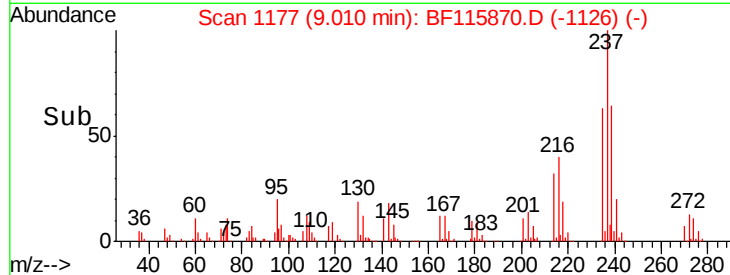
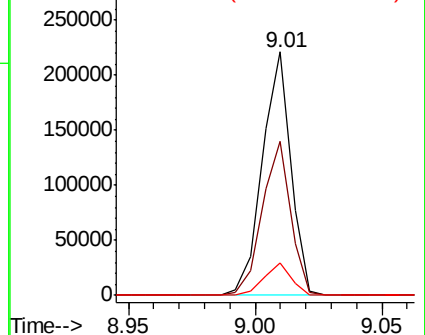
237 100

235 63.2 42.5 82.5

272 13.4 0.0 33.3



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: 77.979 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

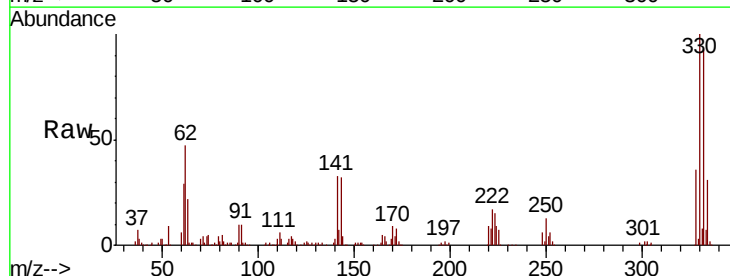
Tgt Ion:330 Resp: 296151

Ion Ratio Lower Upper

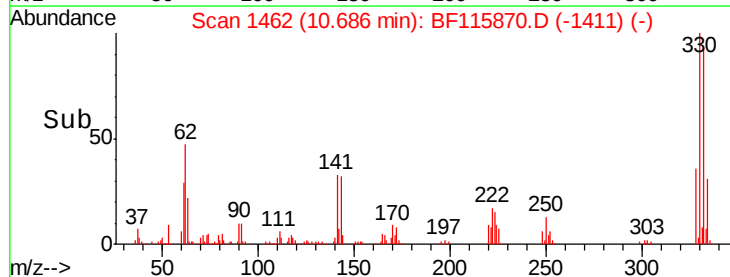
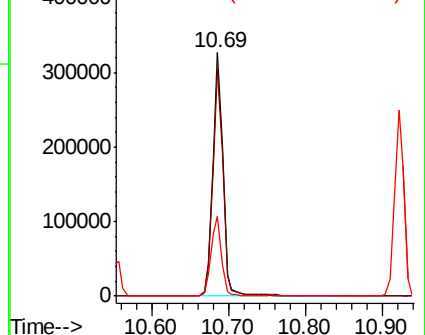
330 100

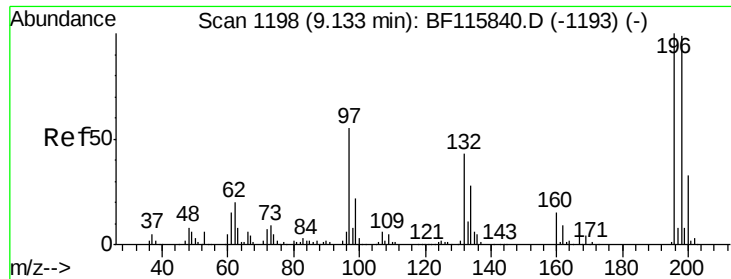
332 94.3 77.7 116.5

141 33.4 28.1 42.1



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

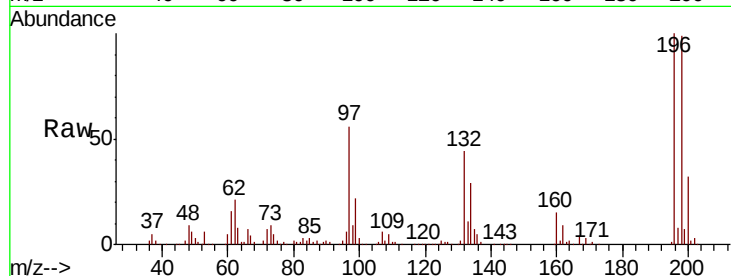




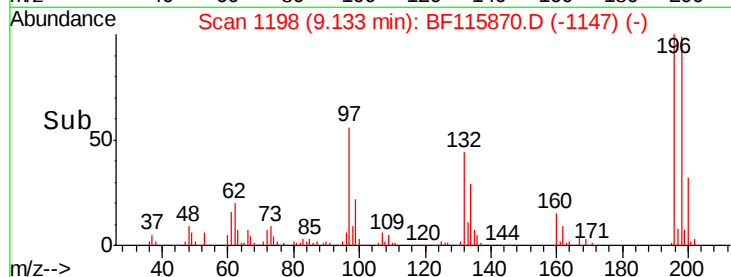
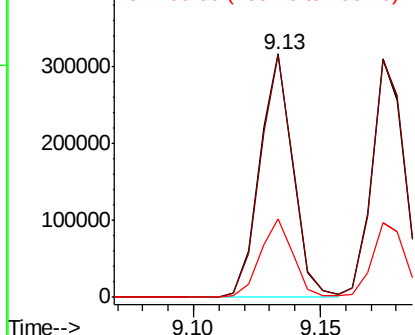
#43
 2,4,6-Trichlorophenol
 Concen: 40.146 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	79.1	118.7
200	32.2	26.0	39.0



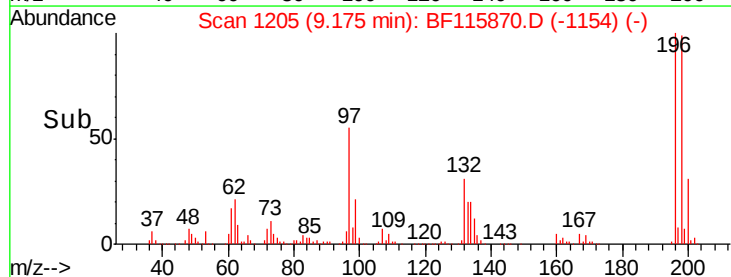
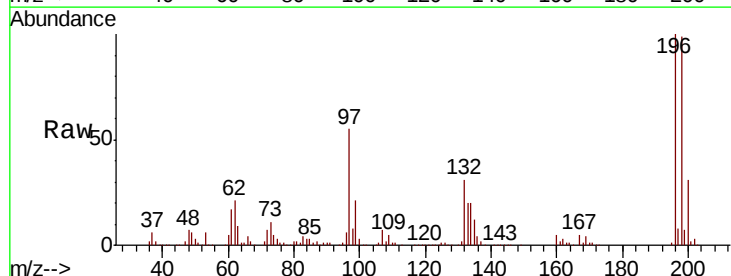
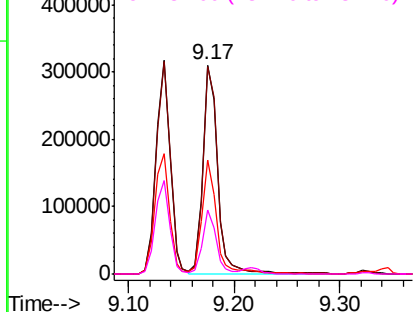
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

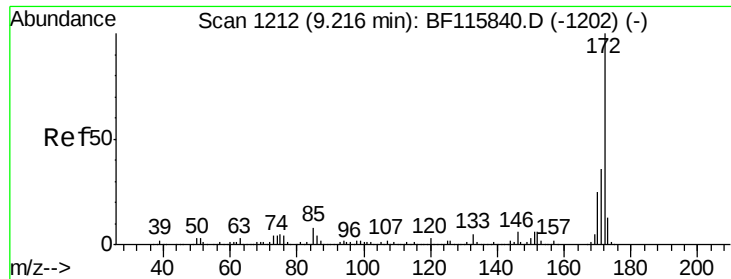


#44
 2,4,5-Trichlorophenol
 Concen: 39.695 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.1	120.1
97	54.6	38.9	58.3
132	30.6	22.6	33.8

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

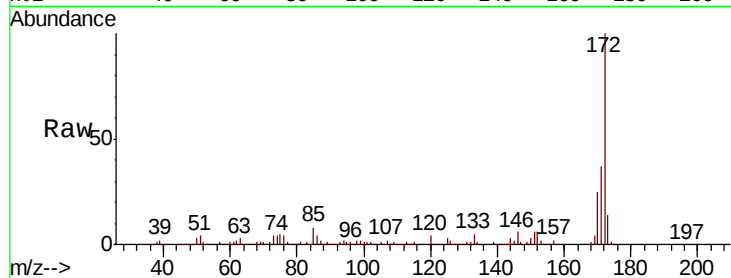




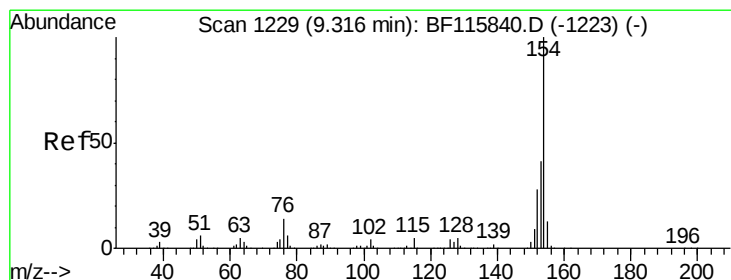
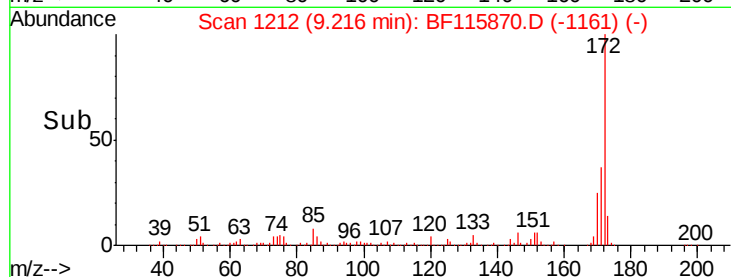
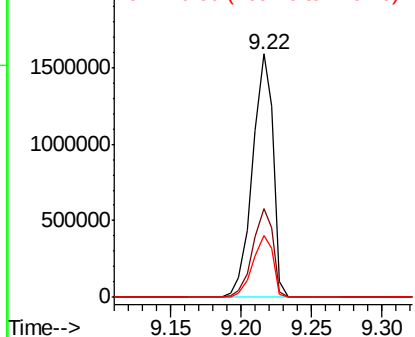
#45
2-Fluorobiphenyl
Concen: 77.981 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1630829
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.4 20.1 30.1

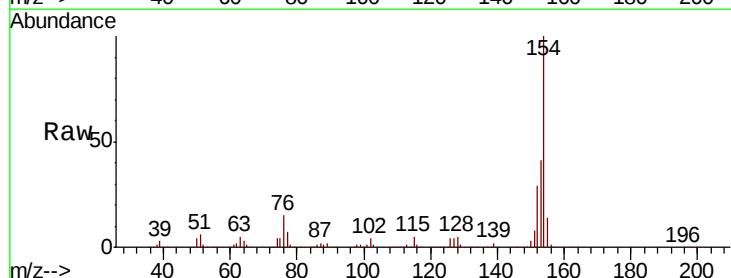


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

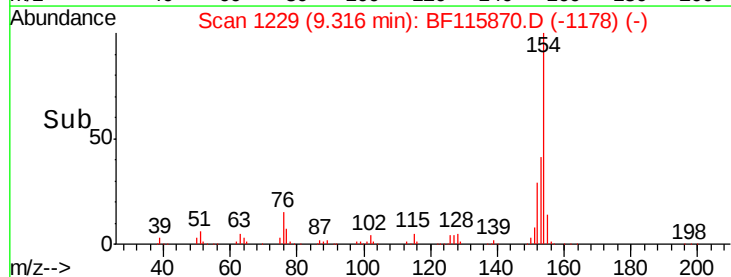
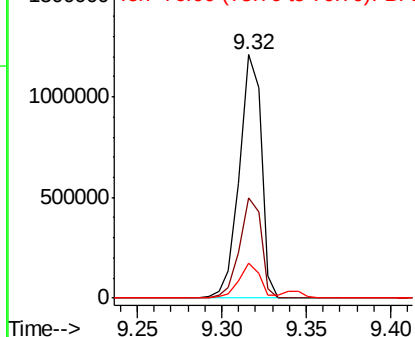


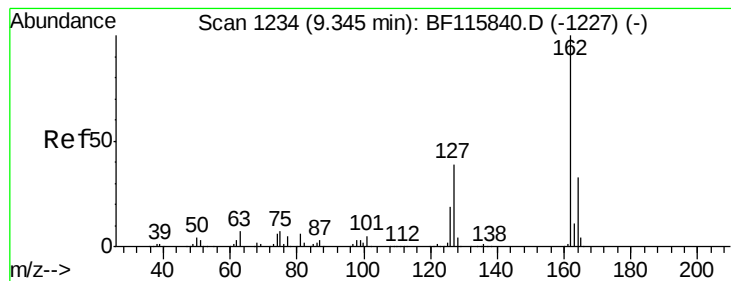
#46
1,1'-Biphenyl
Concen: 39.868 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion:154 Resp: 1102559
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.6 0.0 34.3



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: 39.861 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

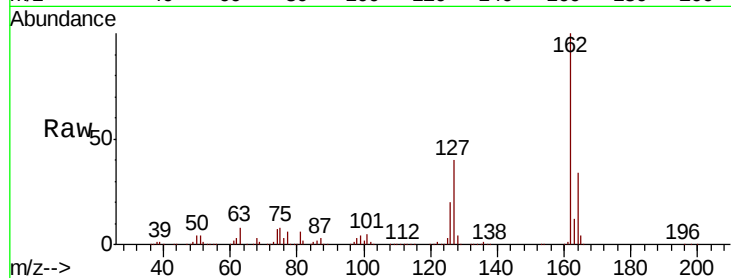
Tot Ion:162 Resp: 917487

Ion Ratio Lower Upper

162 100

127 40.3 31.3 46.9

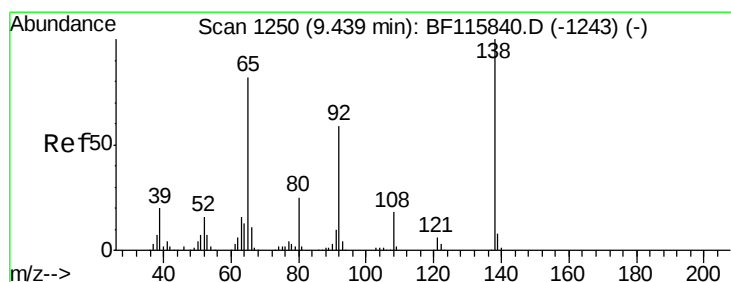
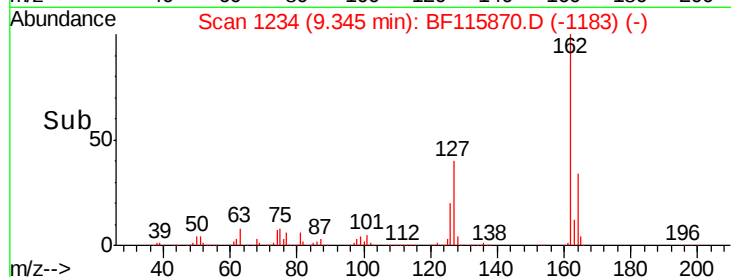
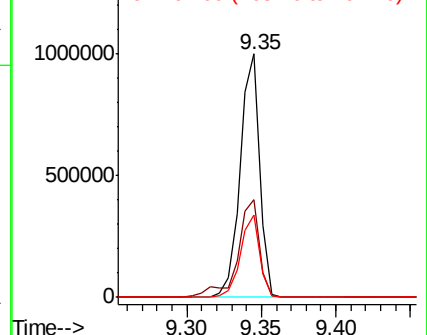
164 33.7 26.6 40.0



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: 40.432 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

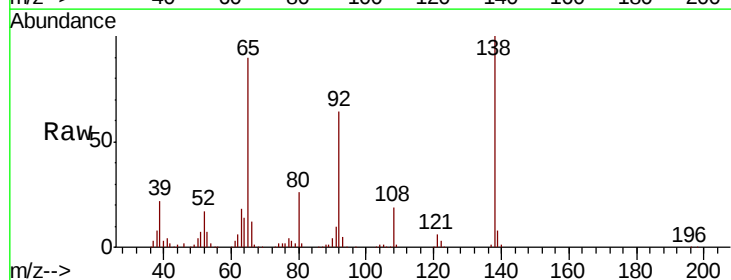
Tgt Ion: 65 Resp: 307611

Ion Ratio Lower Upper

65 100

92 70.7 57.1 85.7

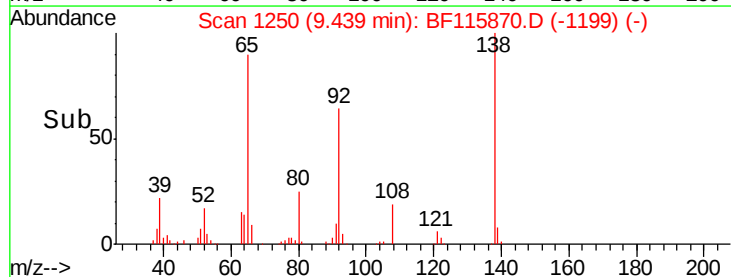
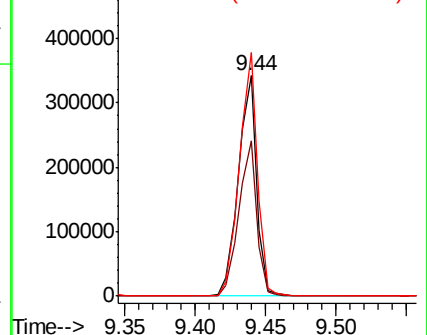
138 110.7 97.1 145.7

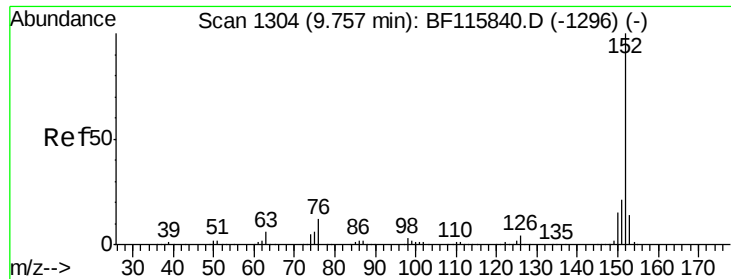


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.909 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

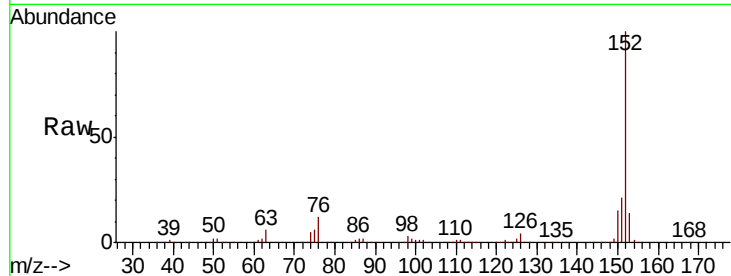
Tot Ion:152 Resp: 1340159

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

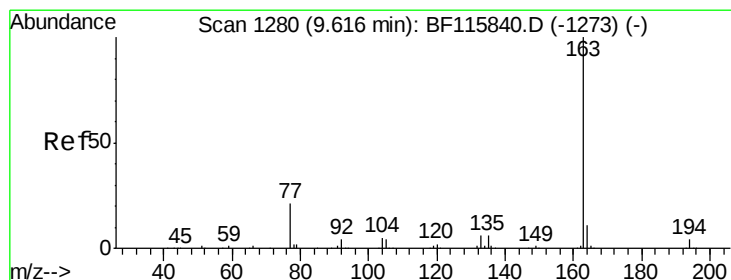
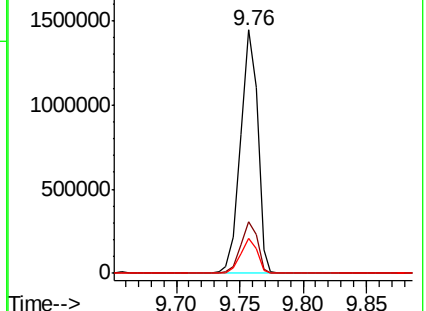
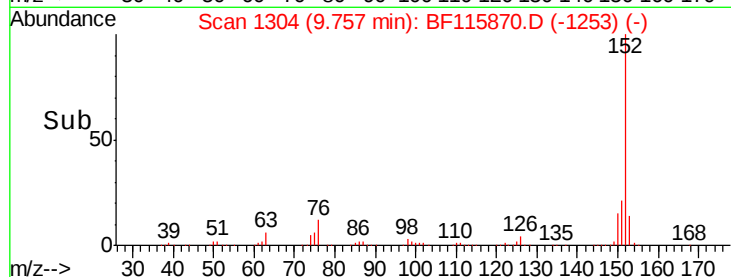
153 14.4 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.956 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

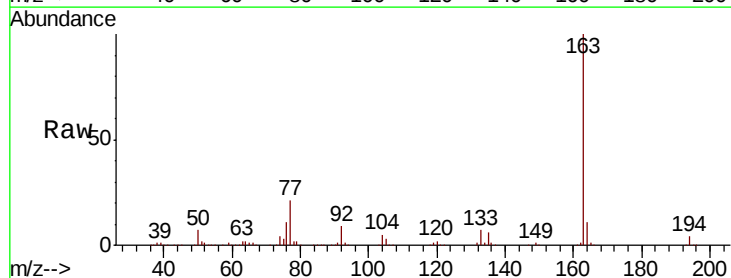
Tgt Ion:163 Resp: 1039029

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

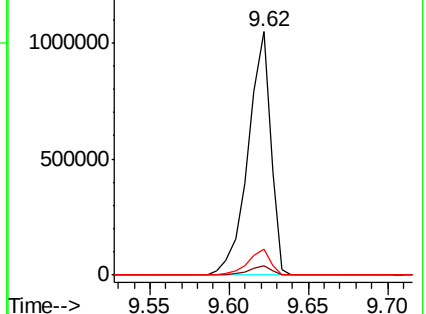
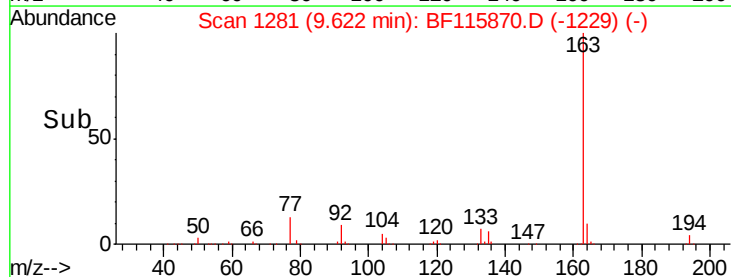
164 10.5 8.4 12.6

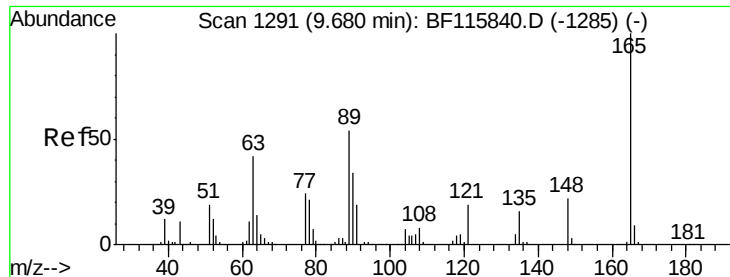


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.709 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

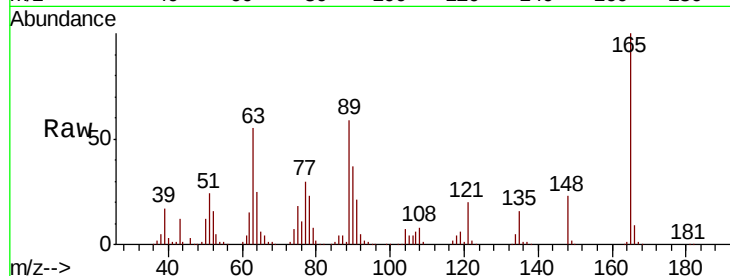
Tot Ion:165 Resp: 230162

Ion Ratio Lower Upper

165 100

63 54.7 39.4 59.2

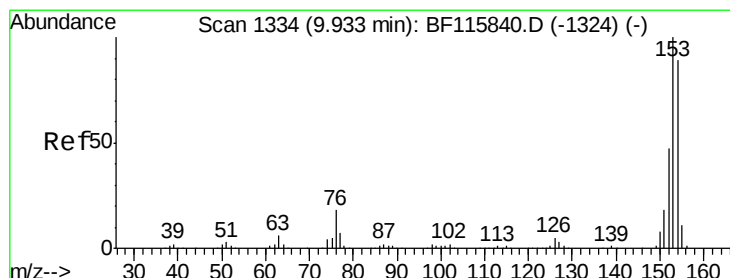
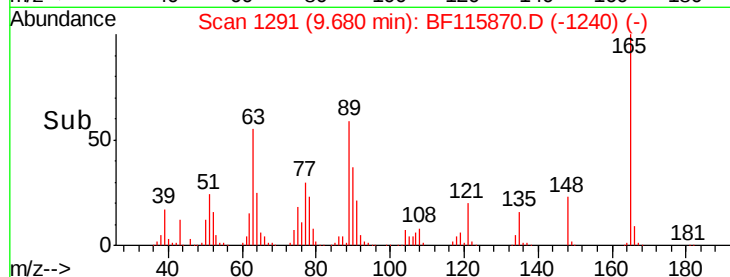
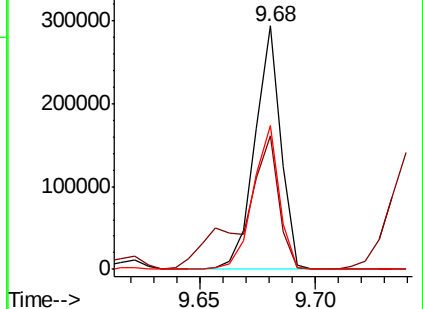
89 59.2 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.389 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

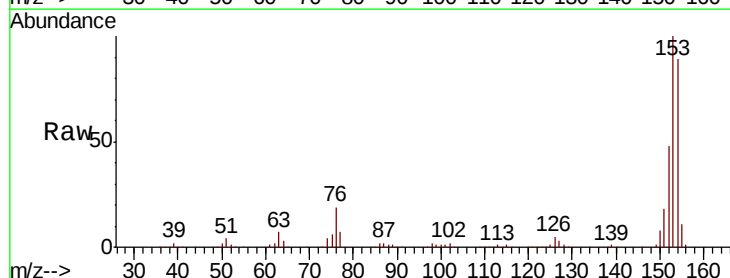
Tgt Ion:154 Resp: 811462

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

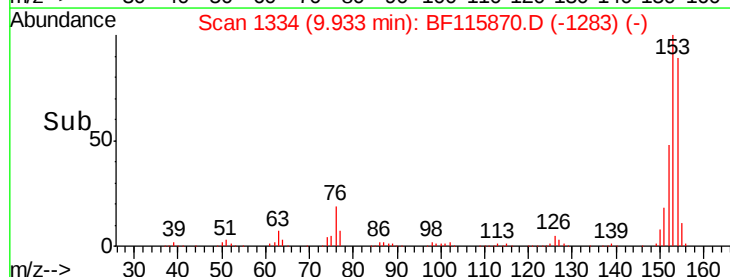
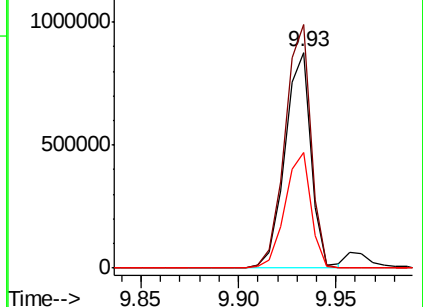
152 53.8 42.6 63.8

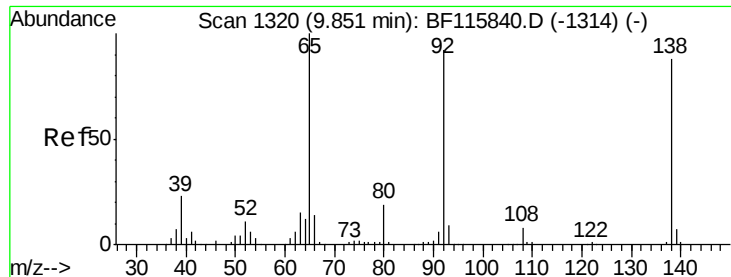


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

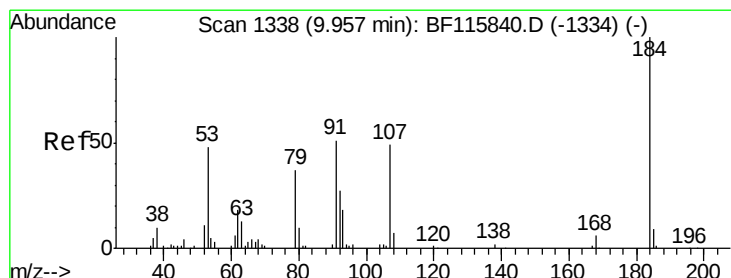
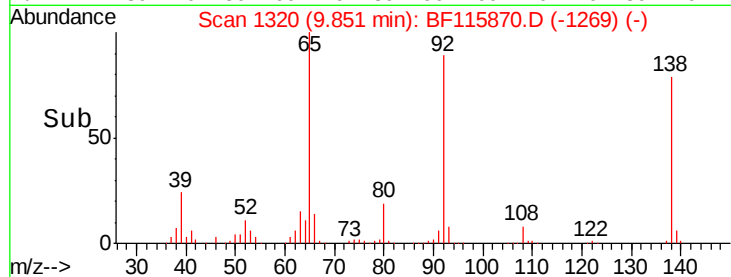
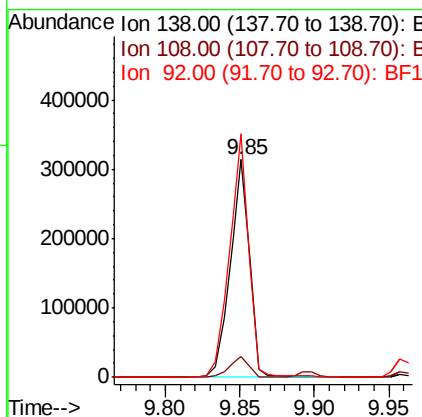
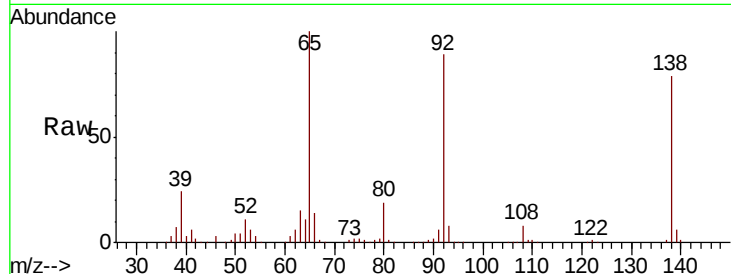




#53
 3-Nitroaniline
 Concen: 39.924 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

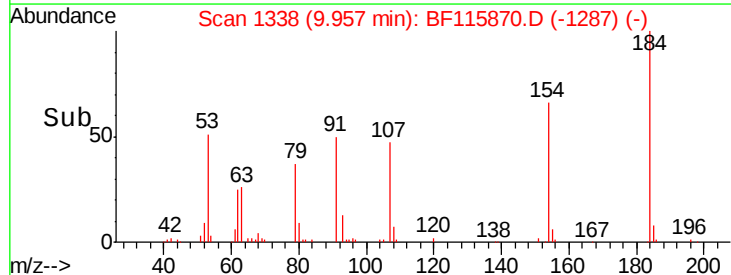
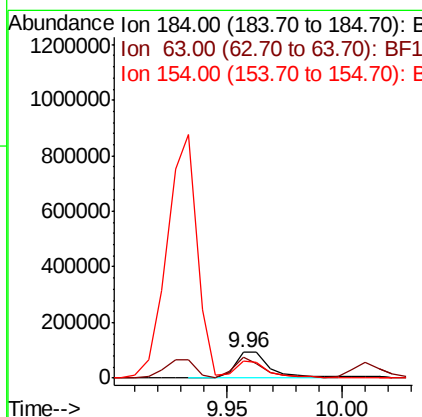
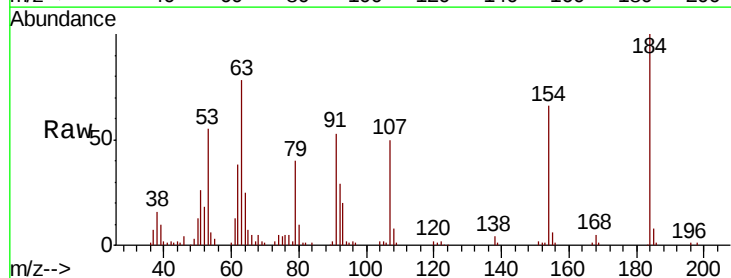
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 285934
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.4 11.2
 92 112.0 83.9 125.9



#54
 2,4-Dinitrophenol
 Concen: 37.799 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion:184 Resp: 97969
 Ion Ratio Lower Upper
 184 100
 63 78.5 56.7 85.1
 154 66.4 51.9 77.9

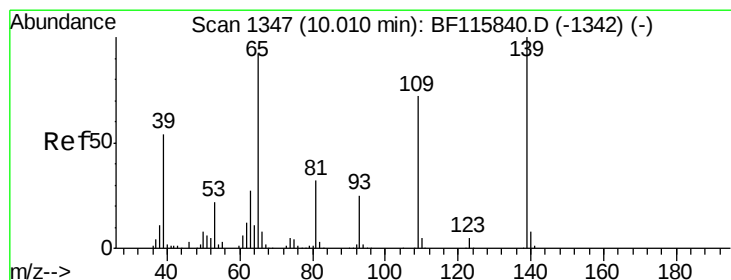
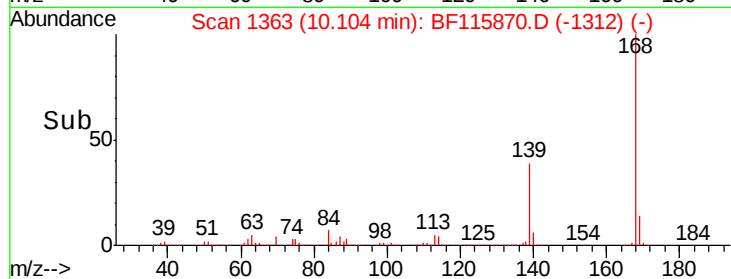
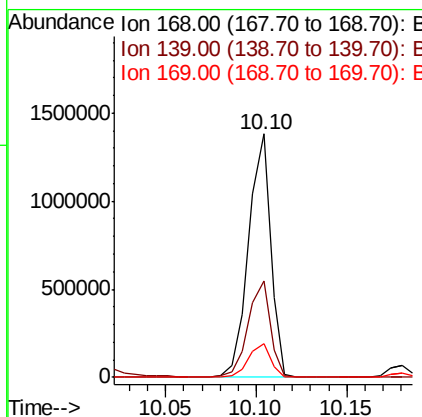
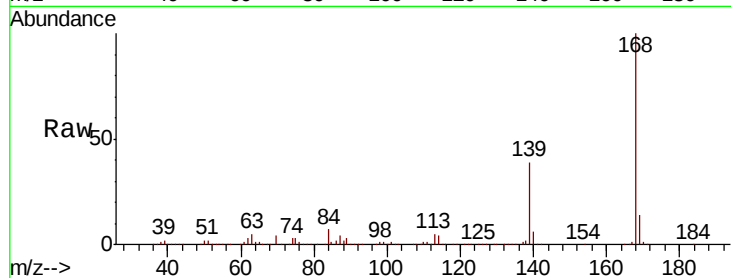




#55
Dibenzofuran
Concen: 39.278 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

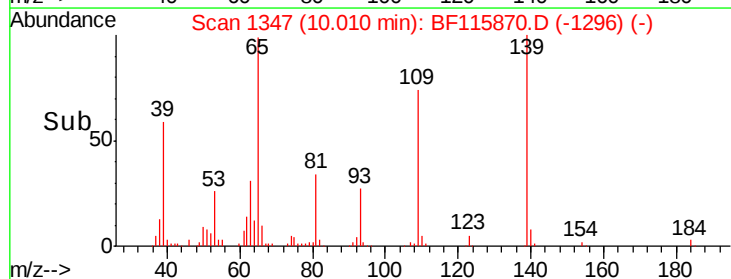
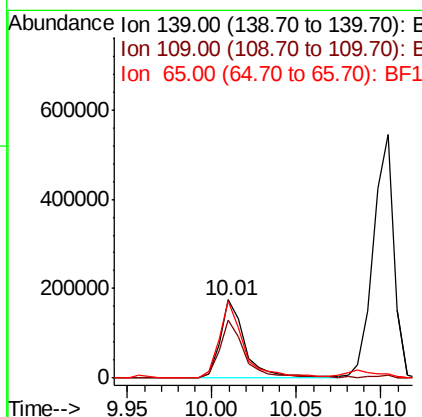
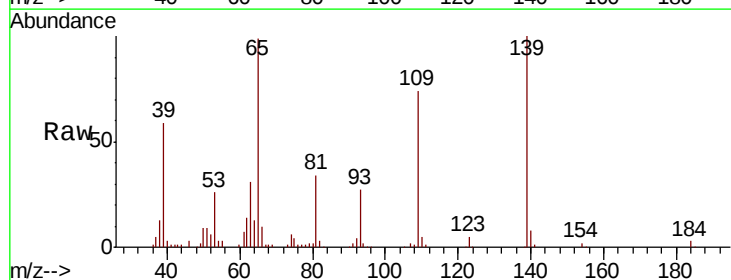
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1176728
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.2
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 39.885 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion:139 Resp: 182992
Ion Ratio Lower Upper
139 100
109 73.6 52.0 92.0
65 99.2 72.6 112.6

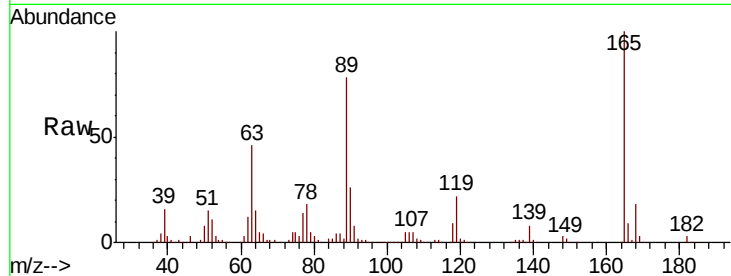




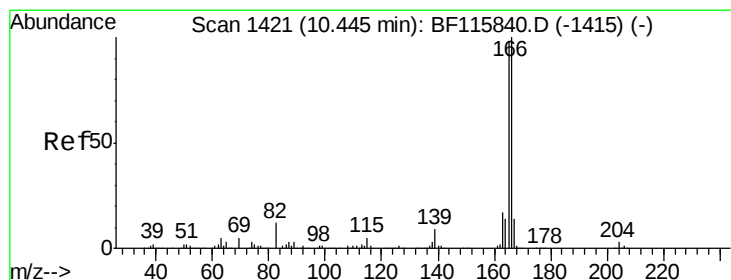
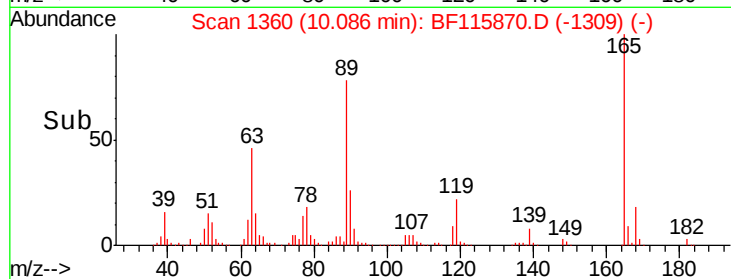
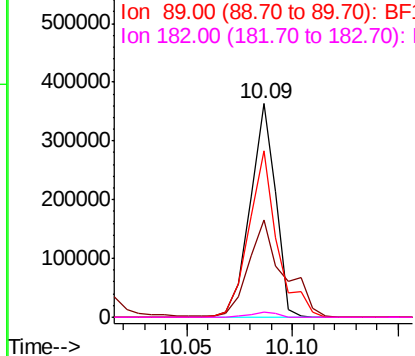
#57
2,4-Dinitrotoluene
Concen: 39.485 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	33.2	49.8
89	78.2	57.3	85.9
182	2.7	2.1	3.1

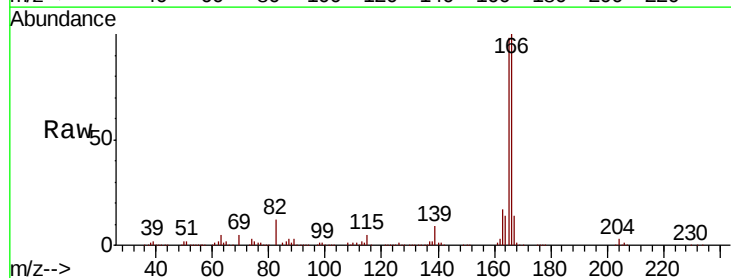


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

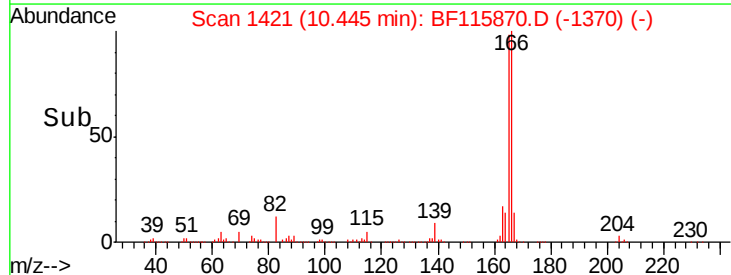
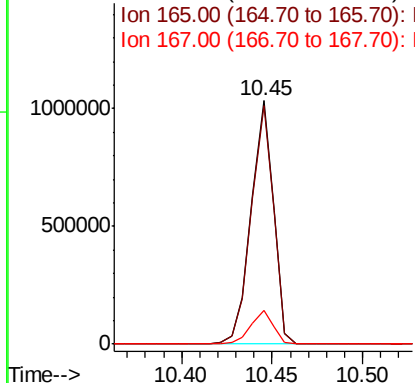


#58
Fluorene
Concen: 38.671 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	13.7	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

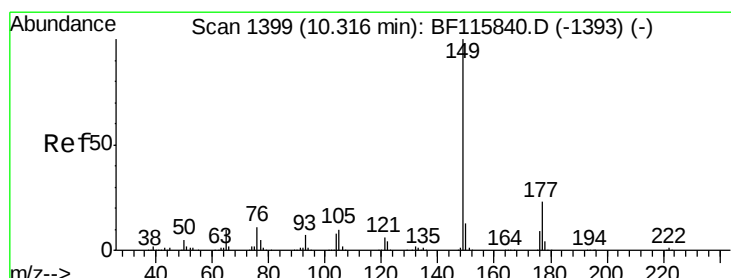
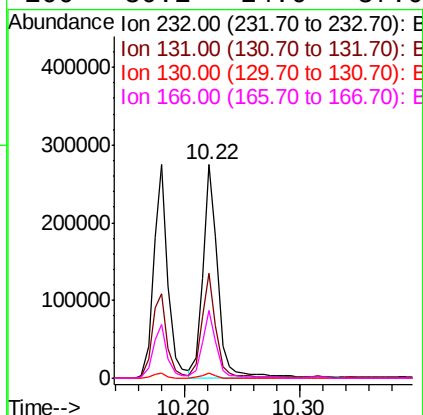
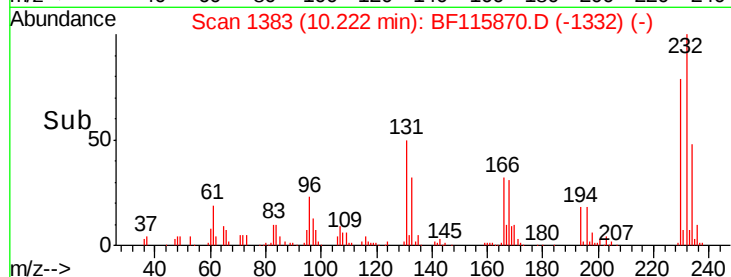
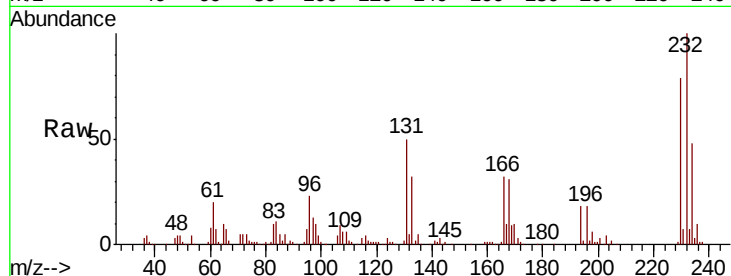




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.462 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

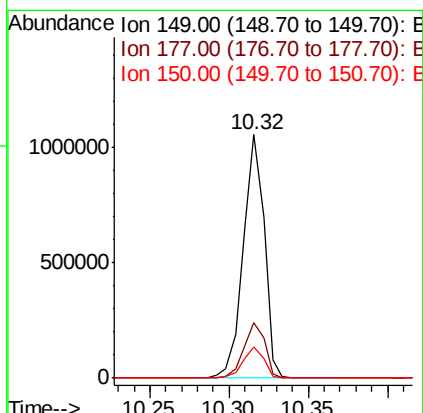
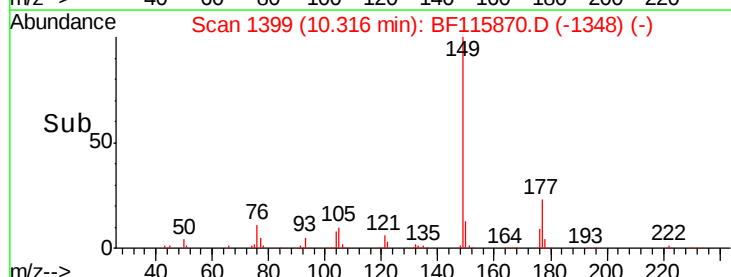
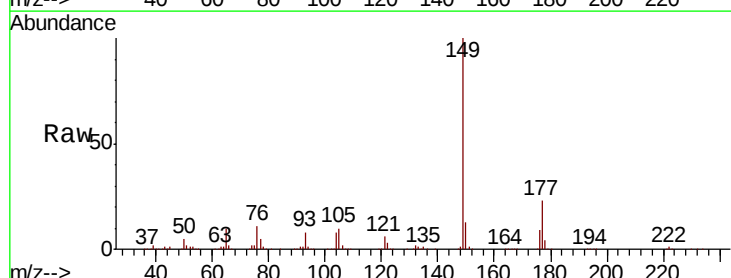
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 247377
Ion Ratio Lower Upper
232 100
131 46.9 37.6 56.4
130 2.4 1.8 2.8
166 30.1 24.6 37.0



#60
Diethylphthalate
Concen: 38.712 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion:149 Resp: 963980
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.8 10.1 15.1

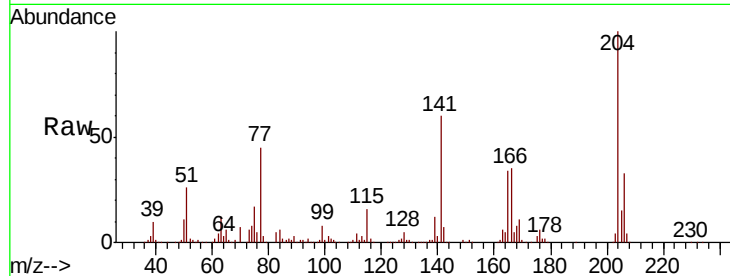




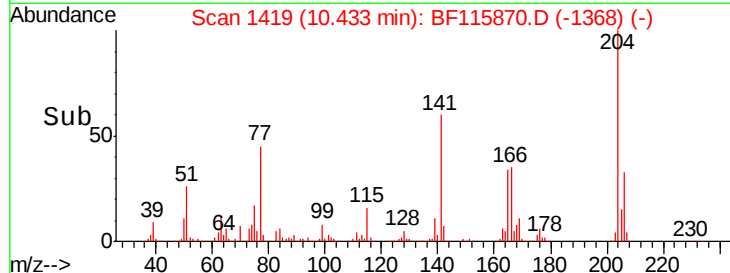
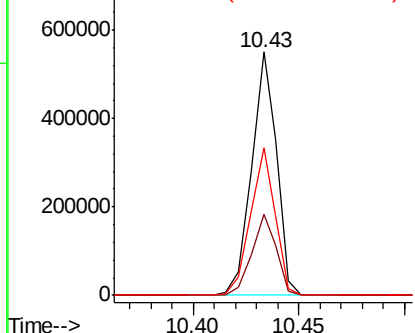
#61
4-Chlorophenyl-phenylether
Concen: 38.562 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 450164
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 60.5 47.0 70.4

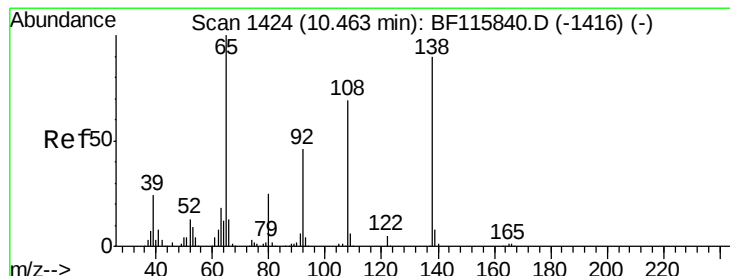


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

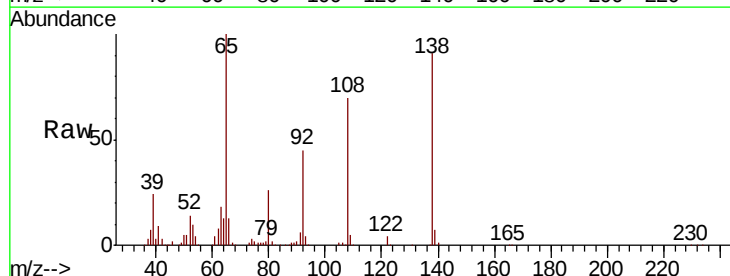
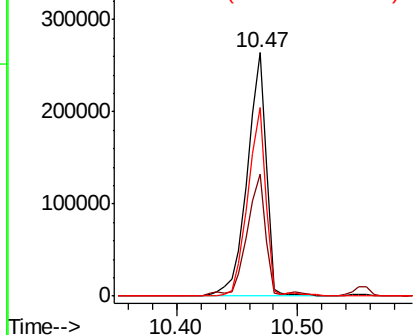


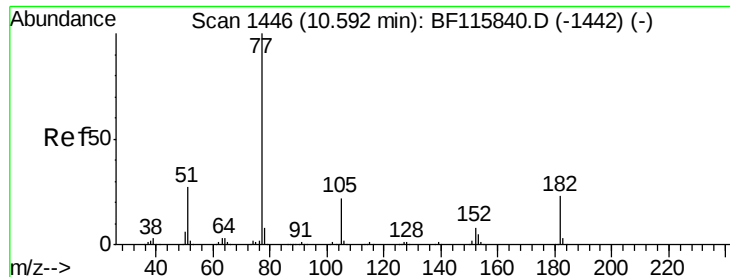
#62
4-Nitroaniline
Concen: 39.635 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion:138 Resp: 293356
Ion Ratio Lower Upper
138 100
92 50.1 31.0 71.0
108 77.5 56.7 96.7



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: 38.777 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 993173

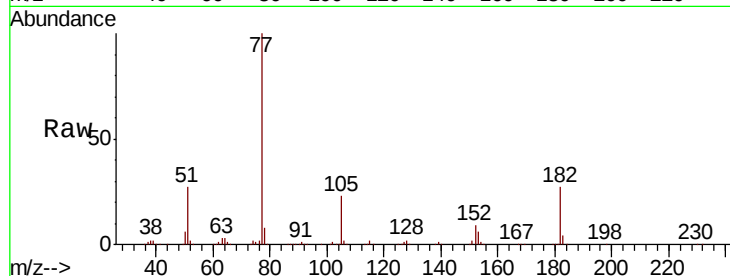
Ion Ratio Lower Upper

77 100

182 27.4 2.6 42.6

105 22.8 1.6 41.6

51 26.7 7.4 47.4

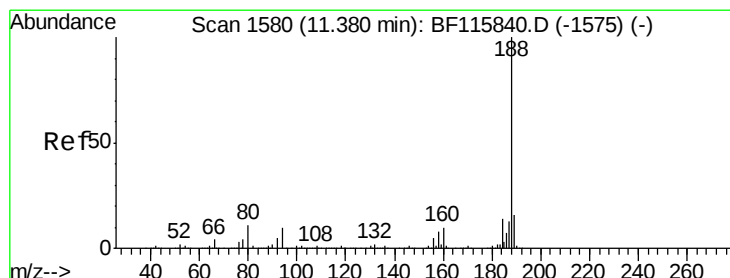
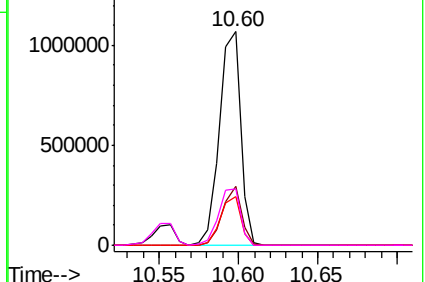
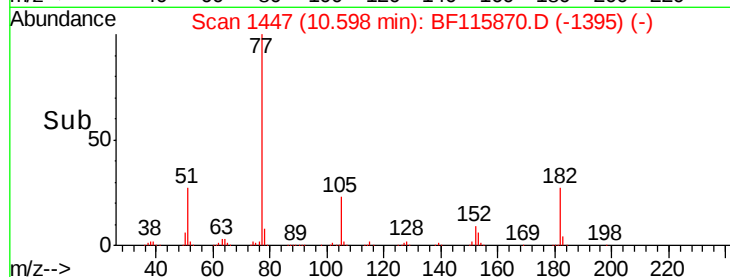


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

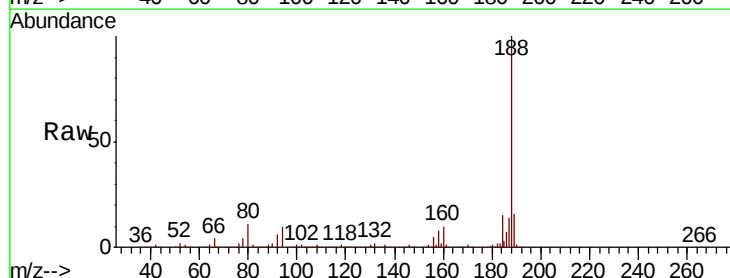
Tgt Ion: 188 Resp: 662037

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

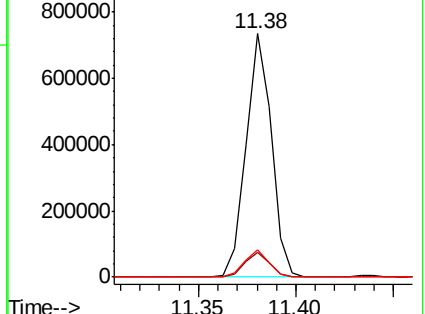
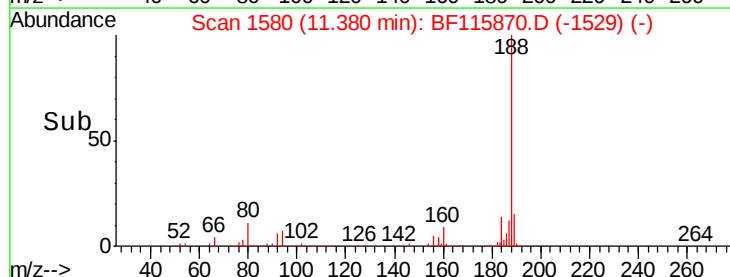
80 11.1 8.6 12.8

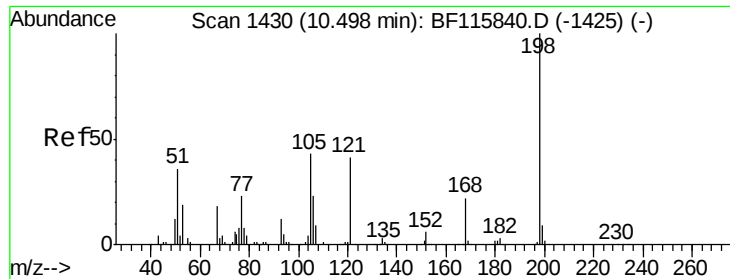


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

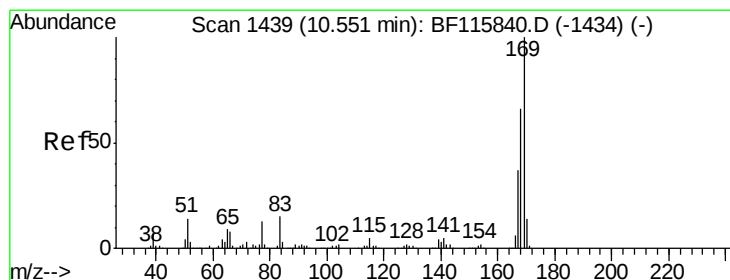
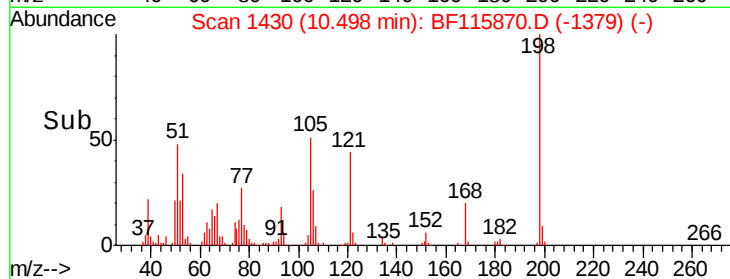
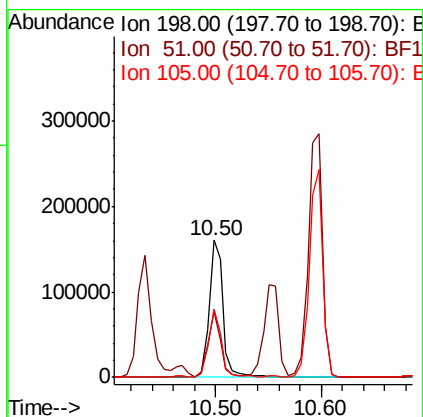
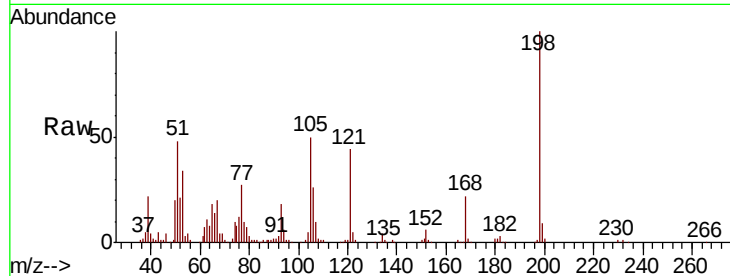




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.966 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

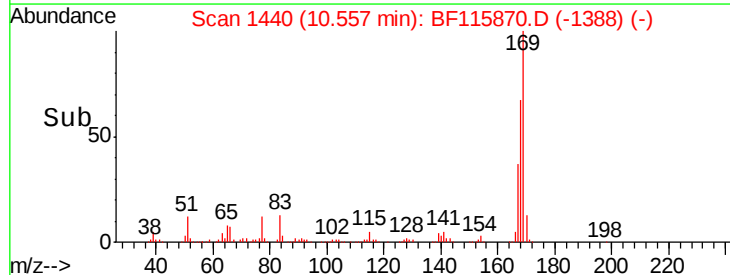
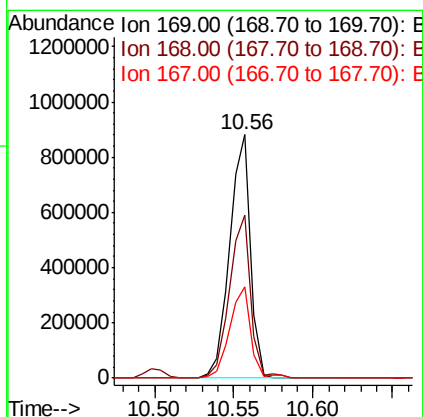
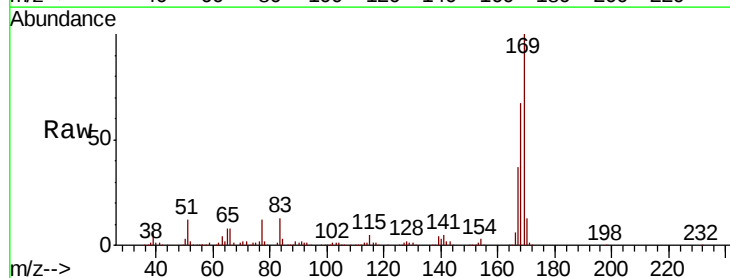
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

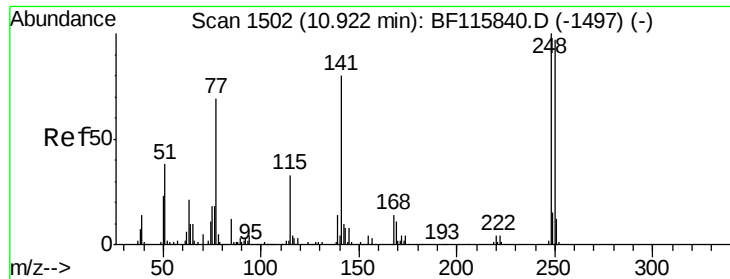
Tot Ion:198 Resp: 147232
 Ion Ratio Lower Upper
 198 100
 51 48.3 21.1 61.1
 105 50.4 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 40.071 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion:169 Resp: 798485
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.0 79.6
 167 37.3 29.9 44.9

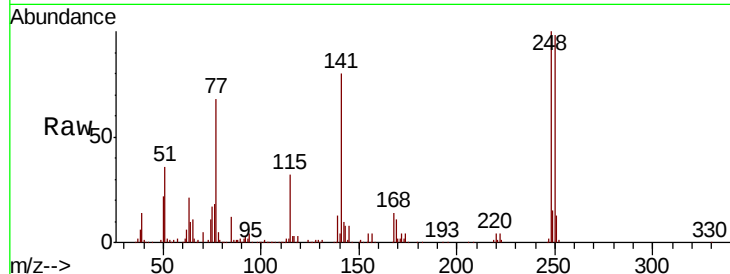




#67
4-Bromophenyl-phenylether
Concen: 39.954 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.6
141	79.7	64.3	96.5

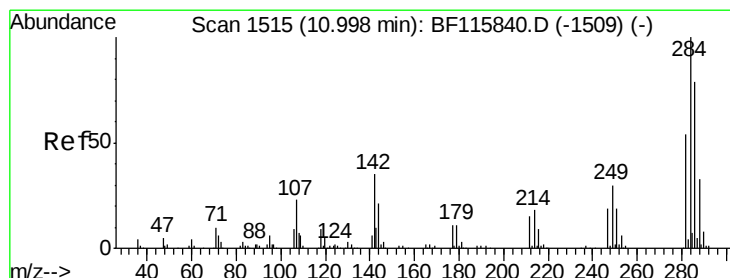
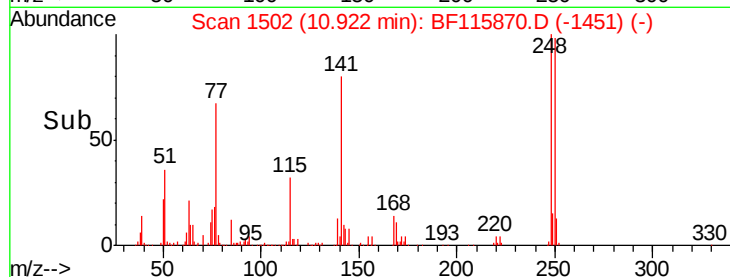
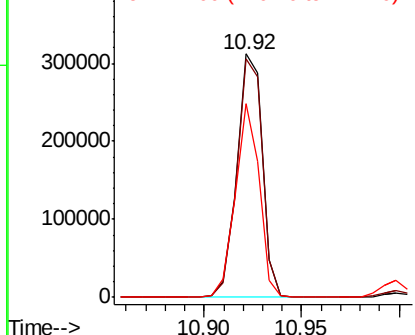


Abundance

Ion 248.00 (247.70 to 248.70): E

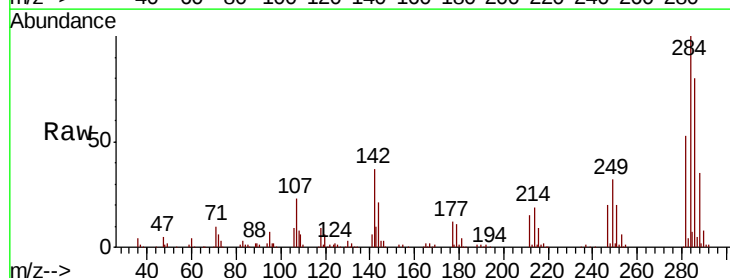
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.789 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	28.2	42.2
249	32.0	24.0	36.0

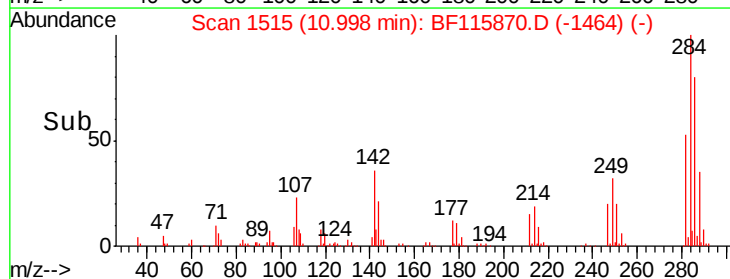
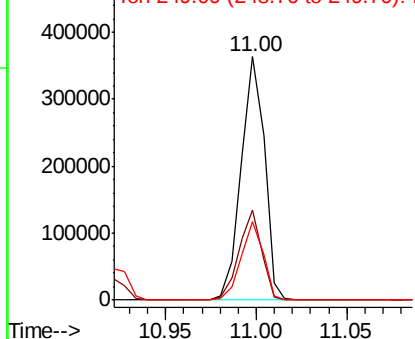


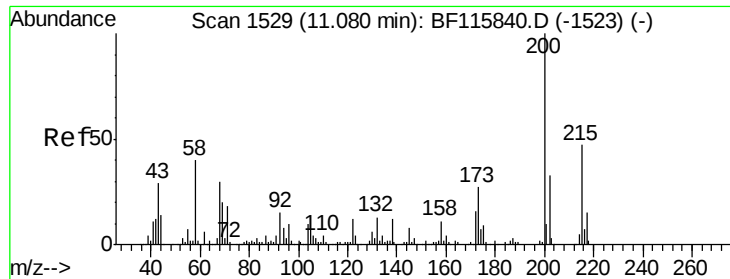
Abundance

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: 38.999 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

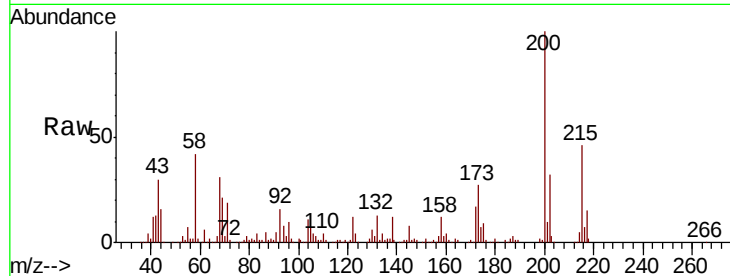
Tot Ion:200 Resp: 255658

Ion Ratio Lower Upper

200 100

173 26.9 7.3 47.3

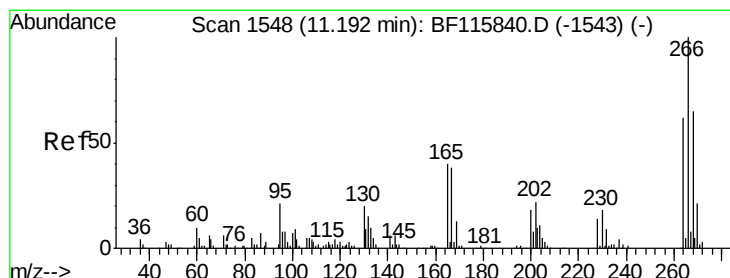
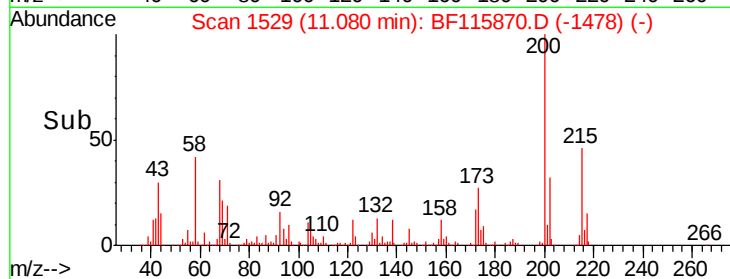
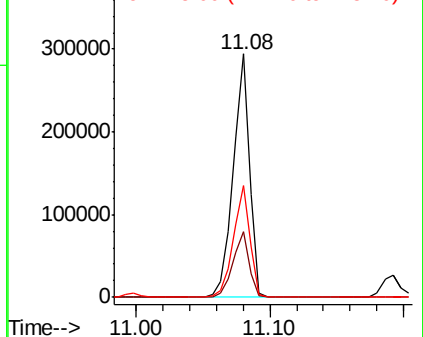
215 45.8 26.9 66.9



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: 40.904 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

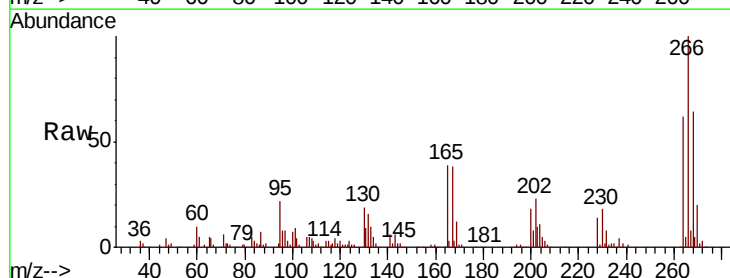
Tgt Ion:266 Resp: 162746

Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

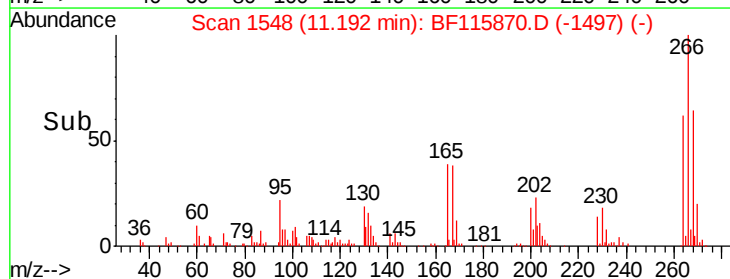
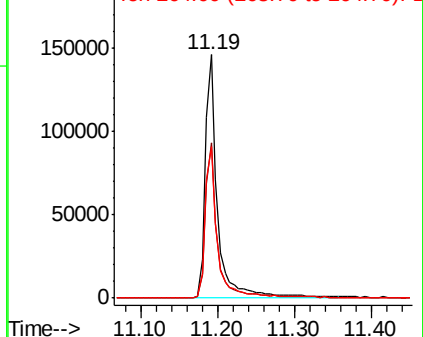
264 62.0 49.4 74.0



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: 39.537 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

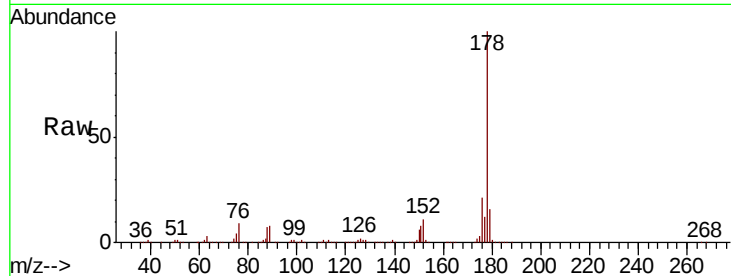
Tot Ion:178 Resp: 1338129

Ion Ratio Lower Upper

178 100

176 20.7 16.5 24.7

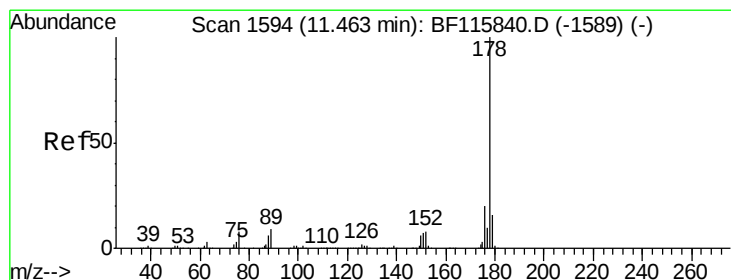
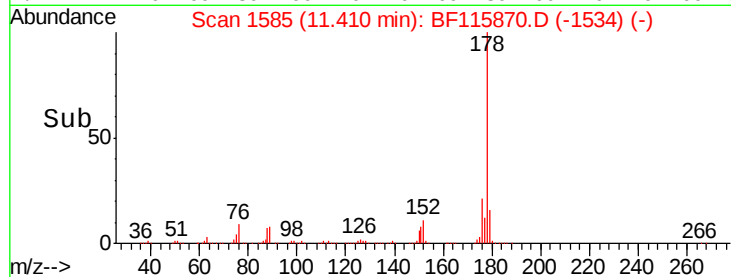
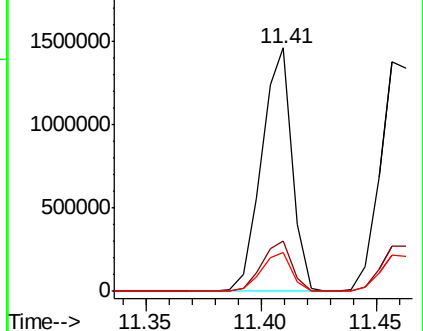
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.841 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

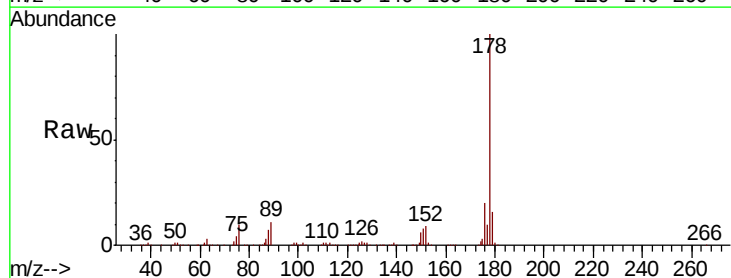
Tgt Ion:178 Resp: 1364634

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

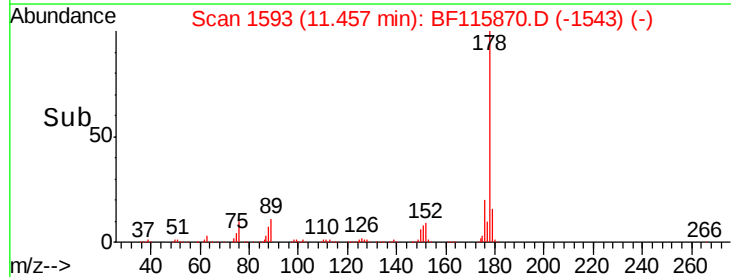
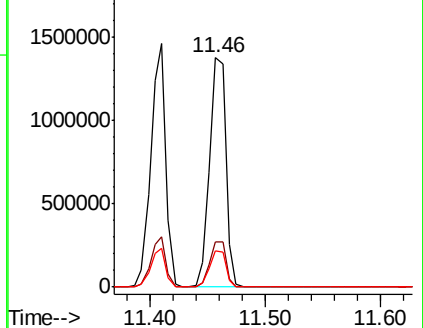
179 15.9 12.4 18.6

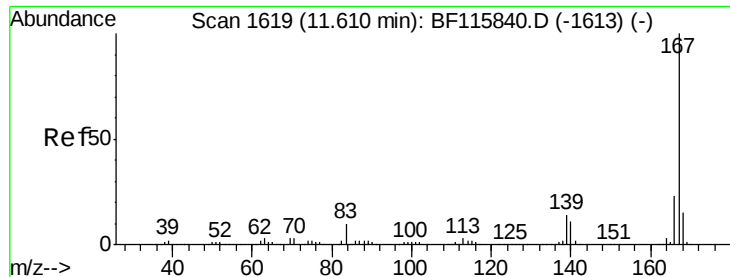


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

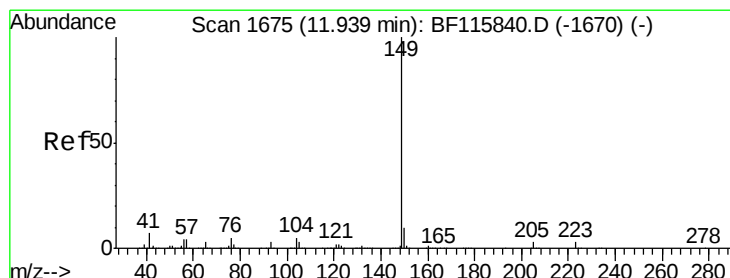
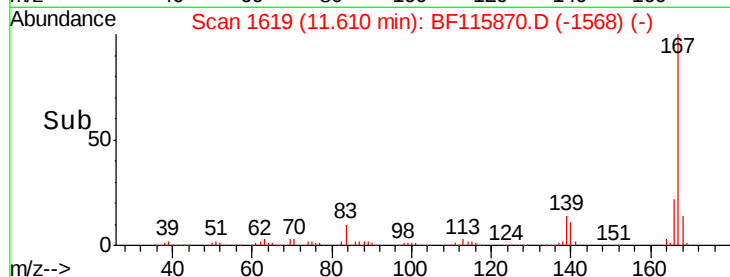
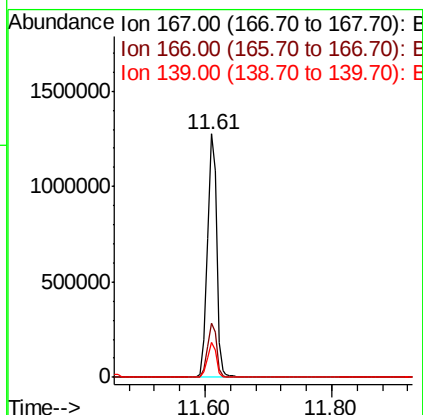
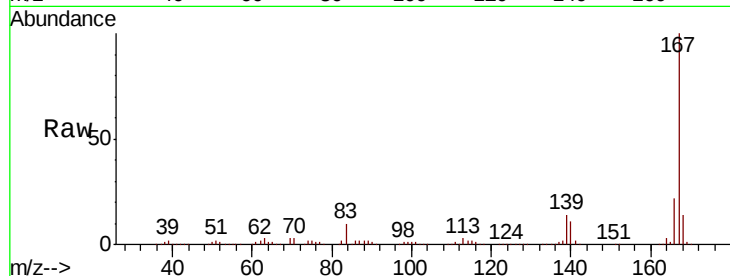




#73
 Carbazole
 Concen: 40.694 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

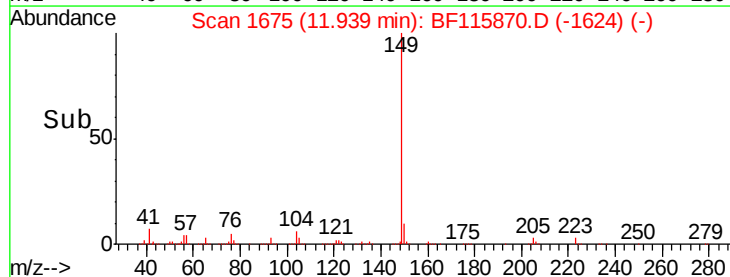
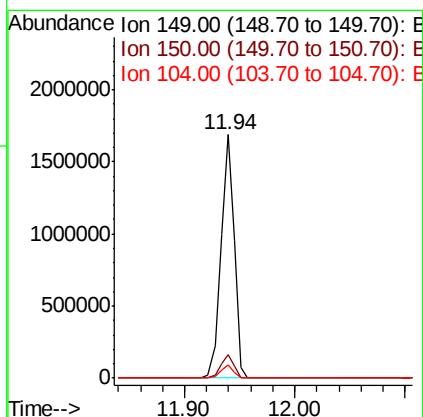
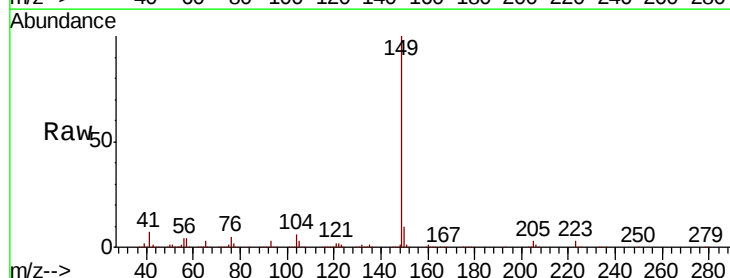
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1264574
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 14.3 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 38.634 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion:149 Resp: 1400525
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.5 4.3 6.5

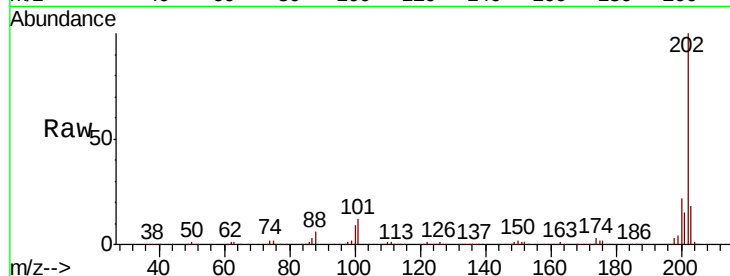




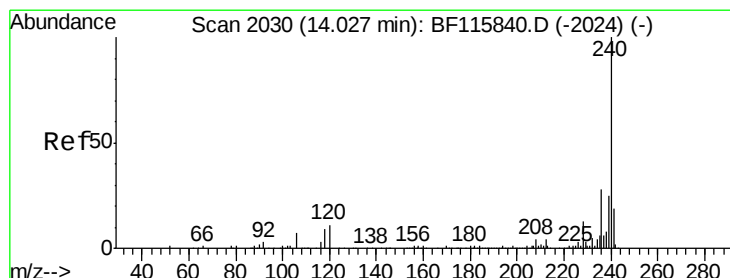
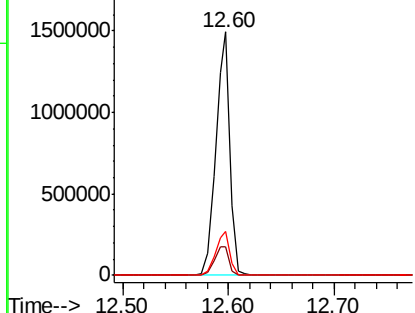
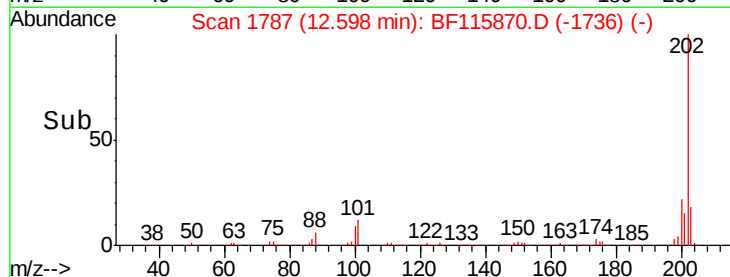
#75
 Fluoranthene
 Concen: 39.382 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1395381
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.5
 203 17.9 0.0 37.9

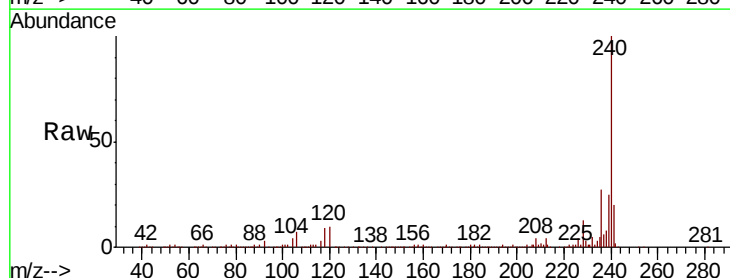


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

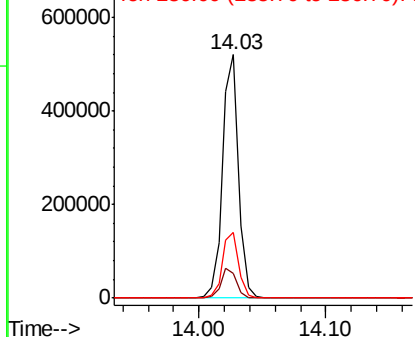
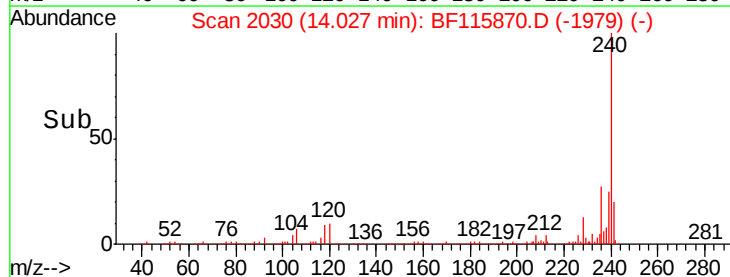


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion:240 Resp: 456476
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.5 12.7
 236 27.2 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.705 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

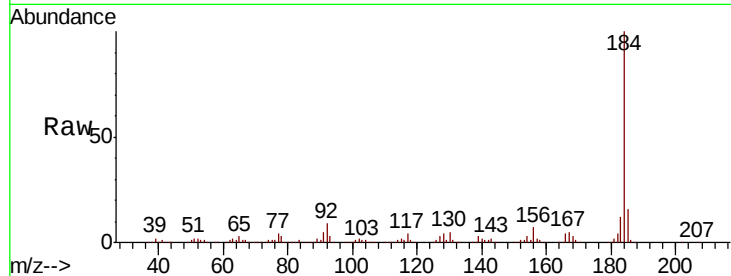
Tot Ion:184 Resp: 658581

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.4	20.2
183	11.7	9.1	13.7

184 100

185 16.2 13.4 20.2

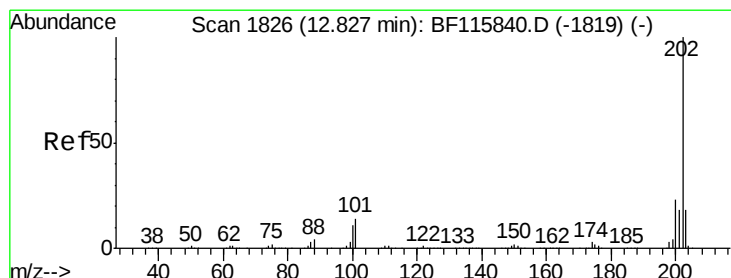
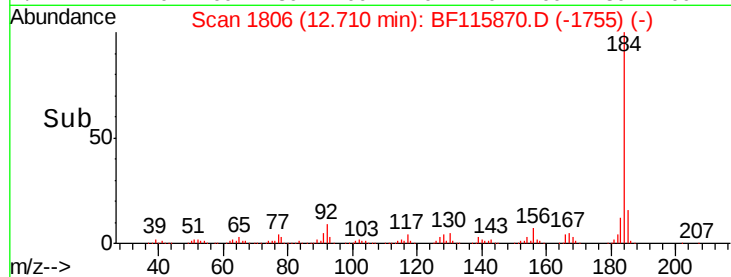
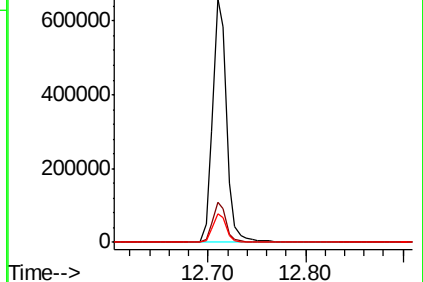
183 11.7 9.1 13.7



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: 41.490 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

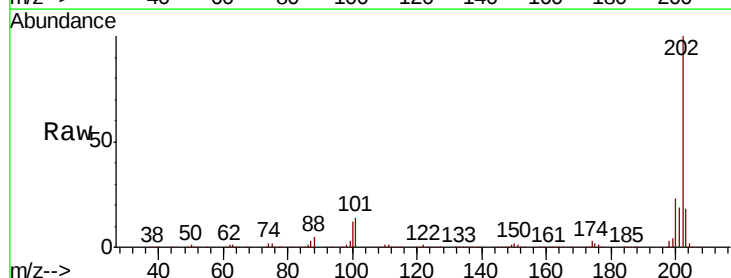
Tgt Ion:202 Resp: 1427649

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.2	27.2
203	18.3	14.3	21.5

202 100

200 23.5 18.2 27.2

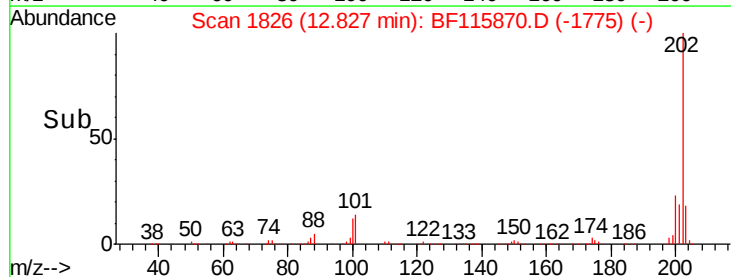
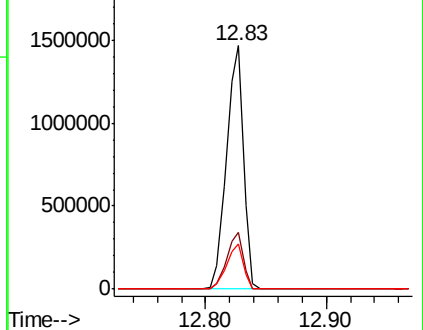
203 18.3 14.3 21.5



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: 80.316 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

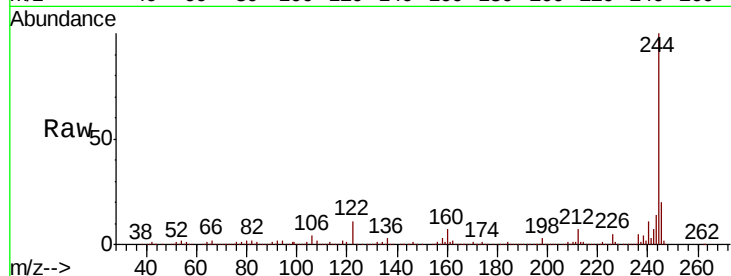
Tot Ion:244 Resp: 1739891

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

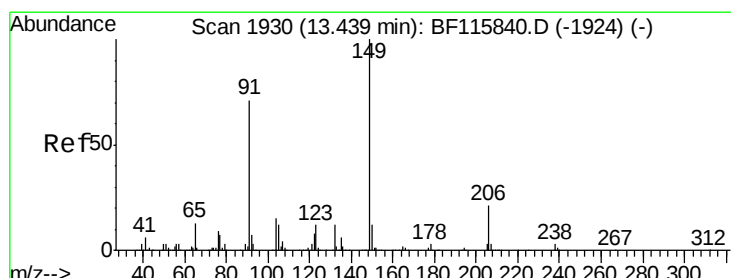
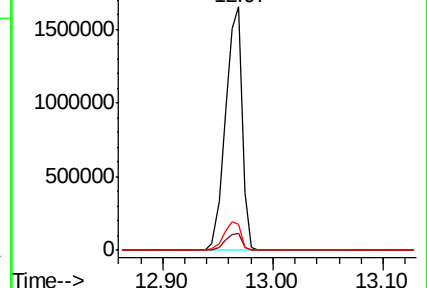
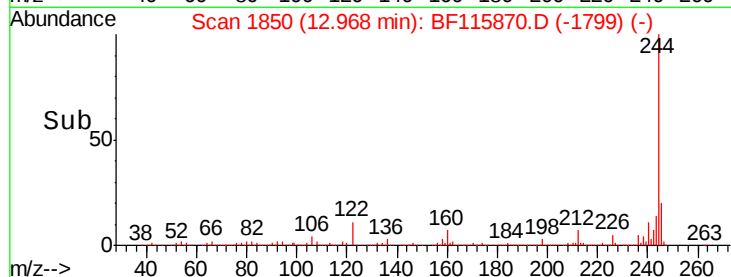
122 10.8 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.560 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

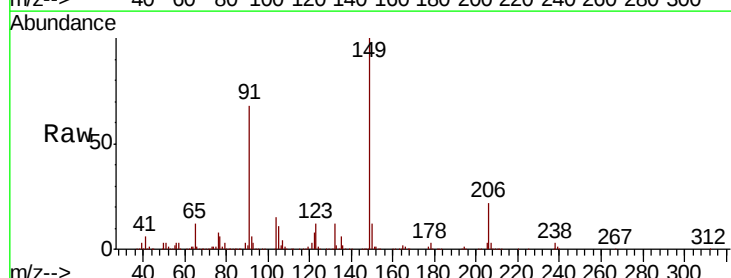
Tgt Ion:149 Resp: 590376

Ion Ratio Lower Upper

149 100

91 67.9 57.0 85.6

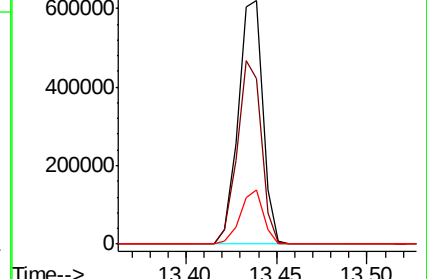
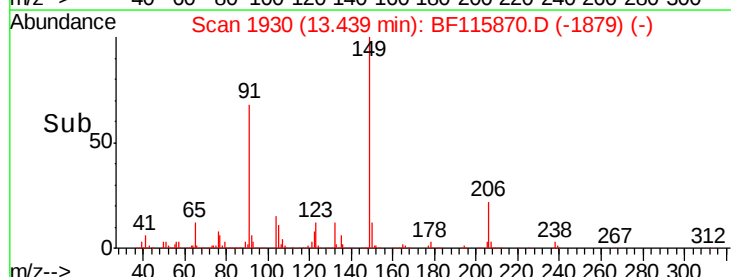
206 22.4 16.9 25.3

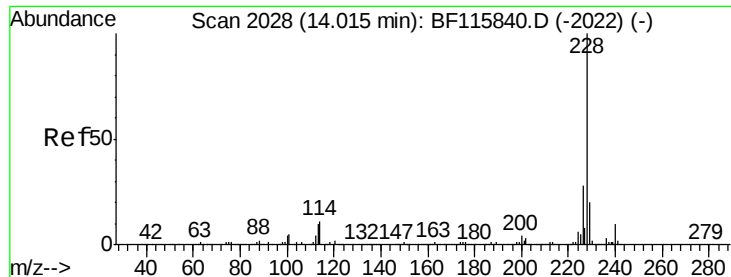


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.271 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

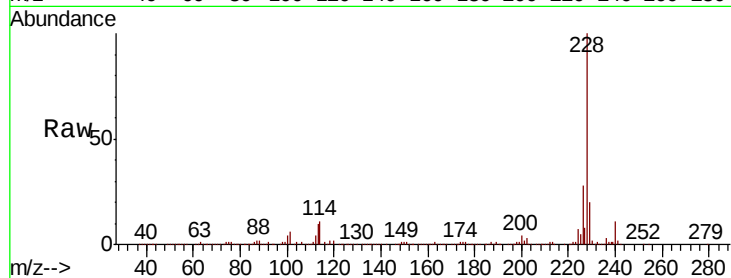
Tot Ion:228 Resp: 1174959

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.2	16.1	24.1

228 100

226 27.8 22.5 33.7

229 20.2 16.1 24.1

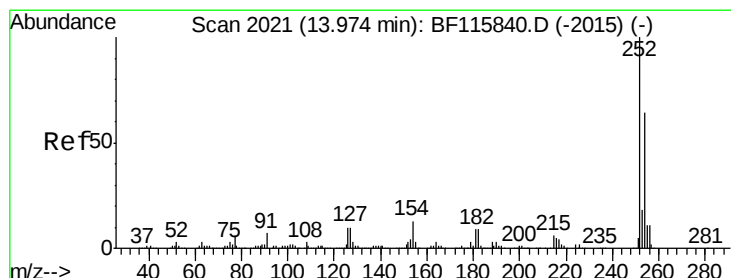
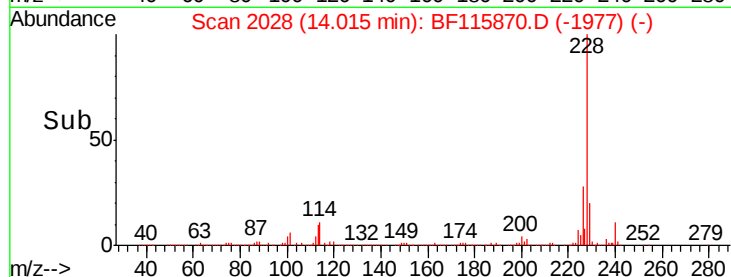
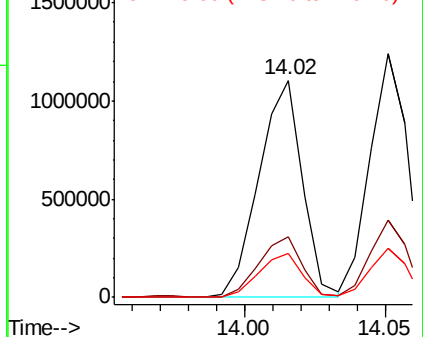


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.070 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

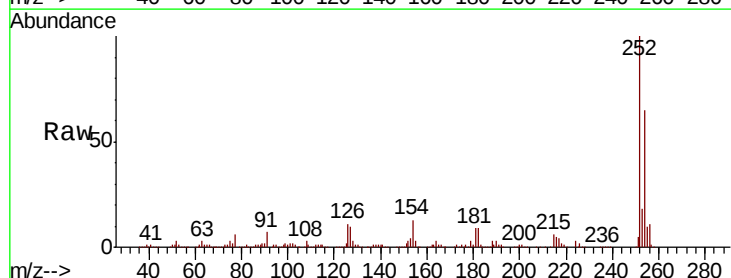
Tgt Ion:252 Resp: 416297

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.2	76.8
126	10.5	8.1	12.1

252 100

254 65.4 51.2 76.8

126 10.5 8.1 12.1

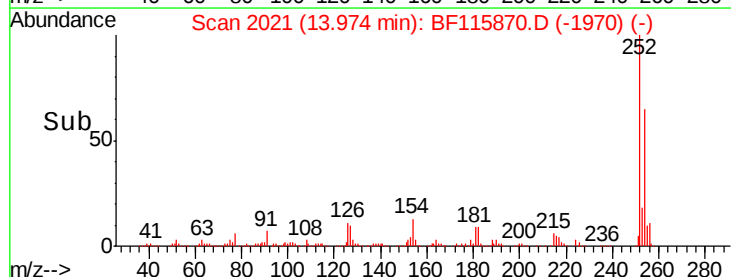
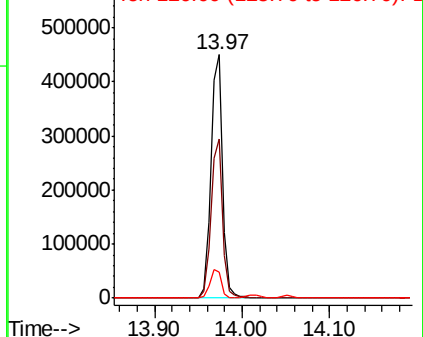


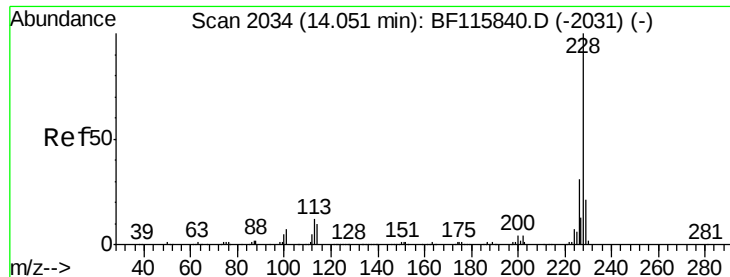
Abundance

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

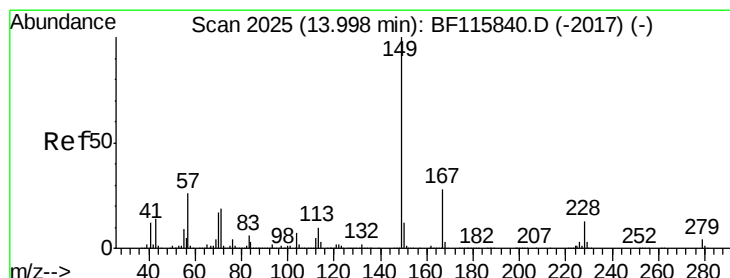
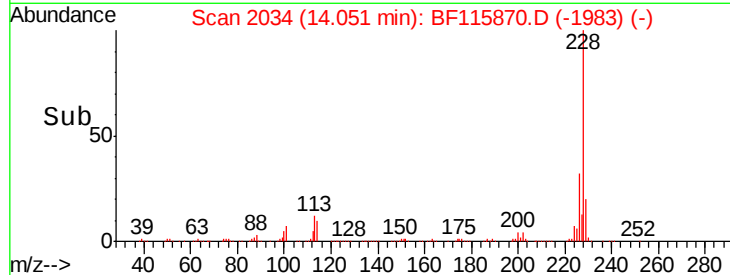
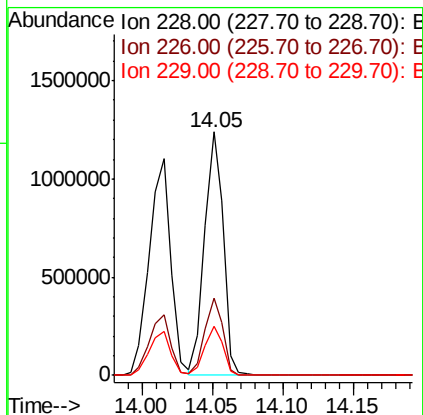




#83
 Chrvsene
 Concen: 40.200 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

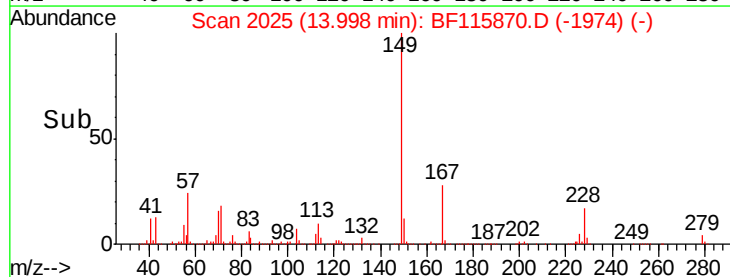
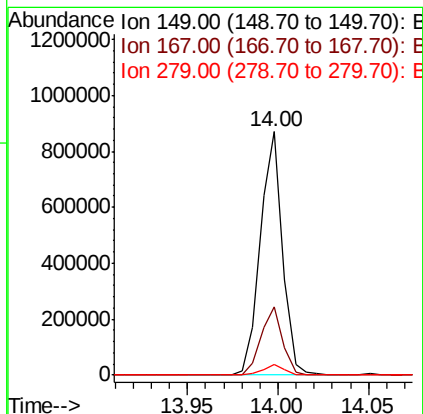
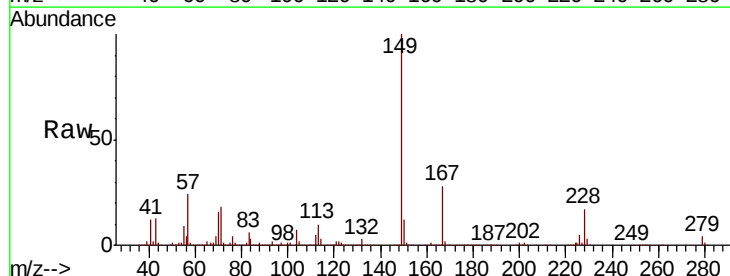
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1138680
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.8 37.2
 229 20.2 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.198 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115870.D
 Acq: 31 Jul 2019 17:09

Tgt Ion:149 Resp: 741417
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.4 33.6
 279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.996 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

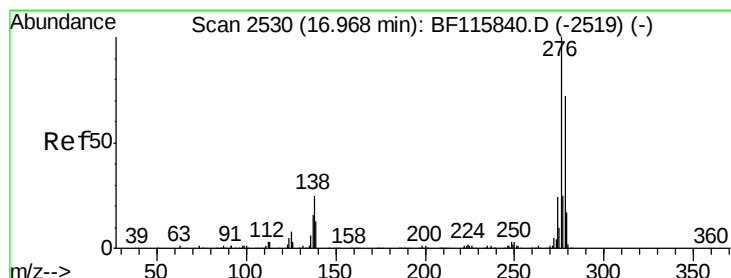
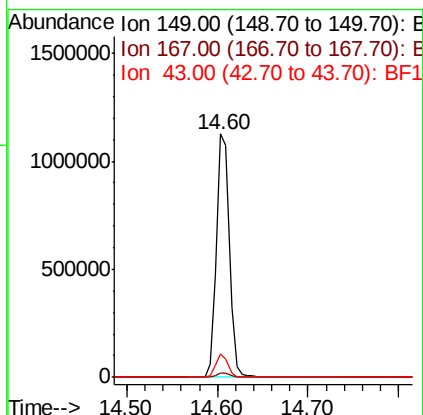
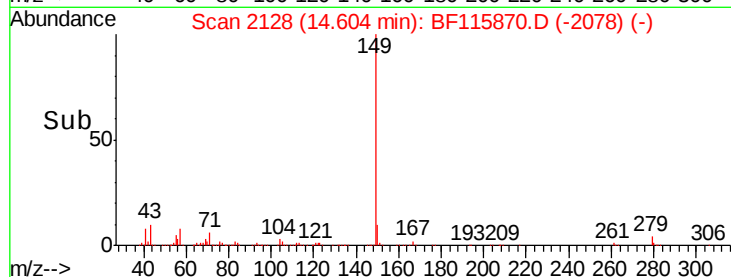
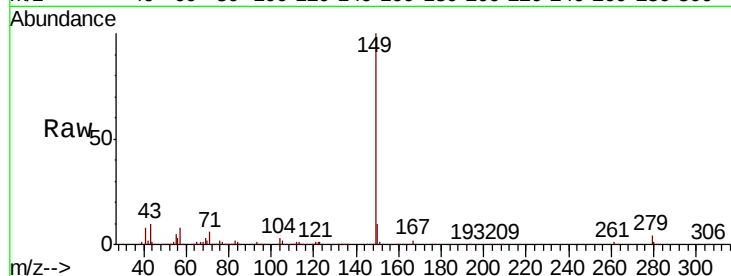
Tot Ion:149 Resp: 1111499

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.2 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.547 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

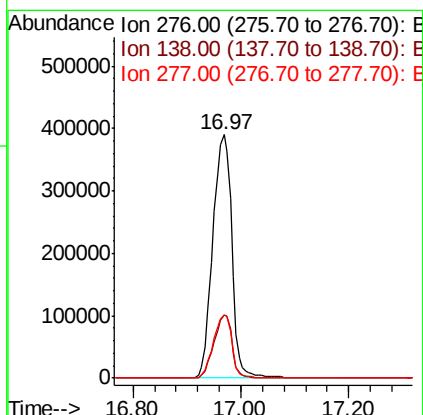
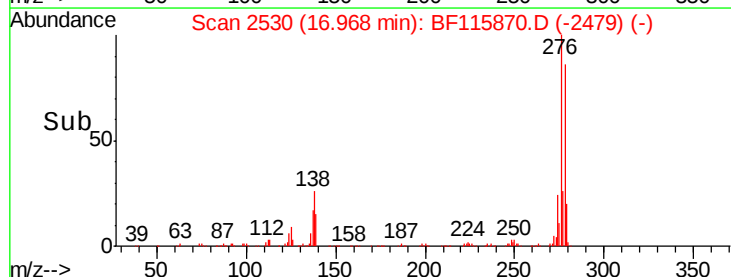
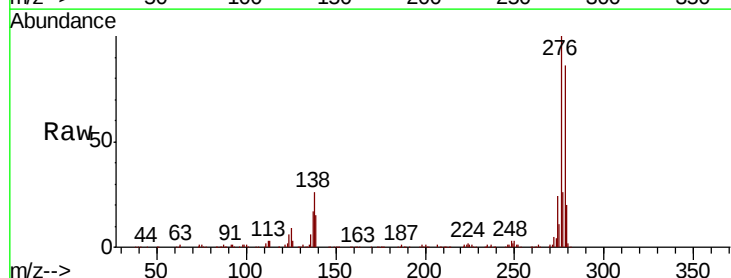
Tgt Ion:276 Resp: 964625

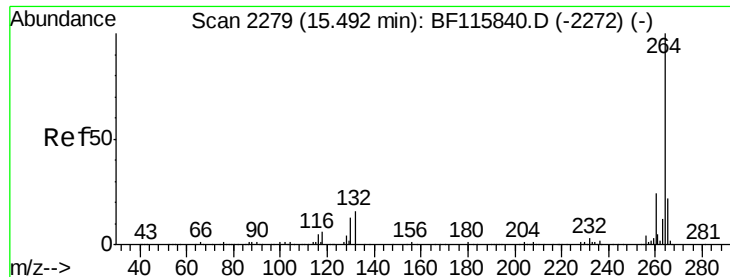
Ion Ratio Lower Upper

276 100

138 24.7 19.6 29.4

277 25.3 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

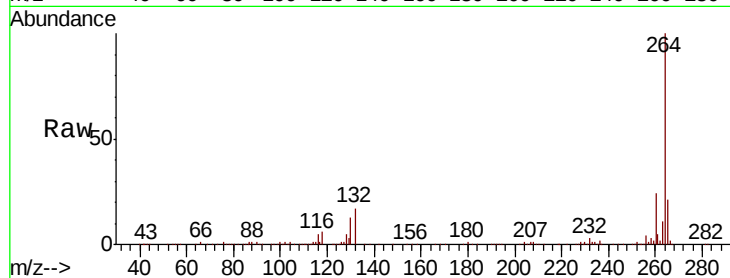
Tot Ion:264 Resp: 418816

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

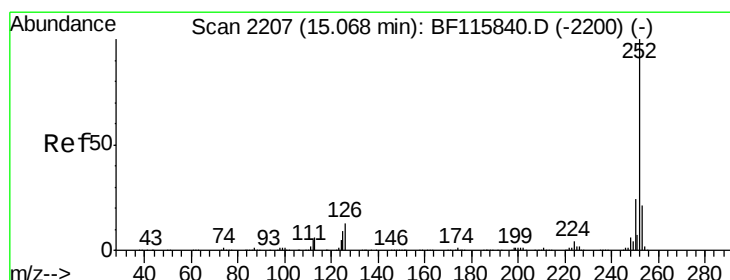
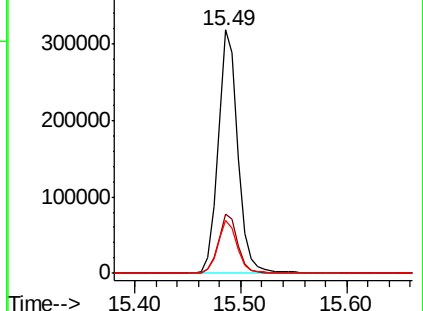
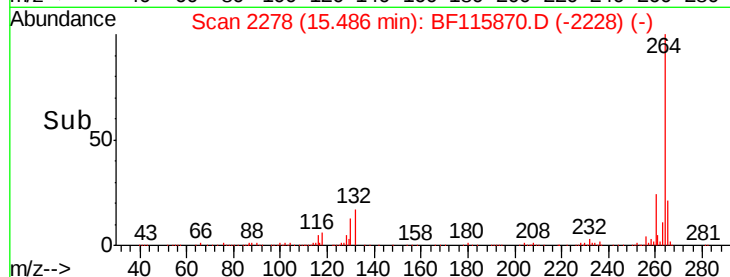
265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.351 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

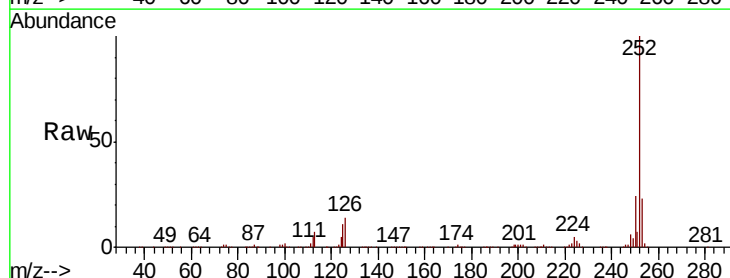
Tgt Ion:252 Resp: 928736

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

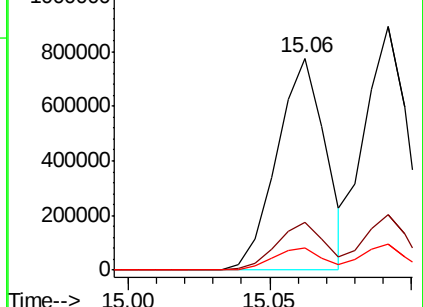
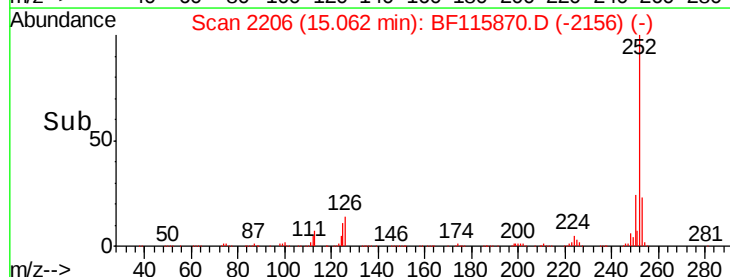
125 10.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

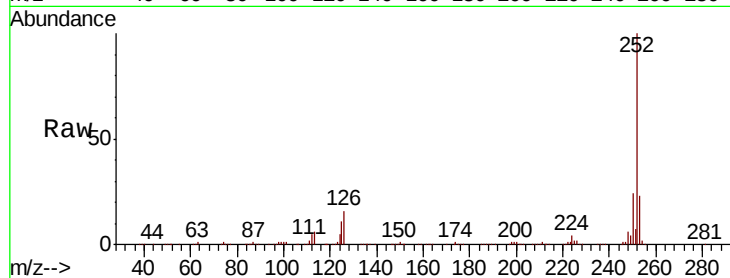




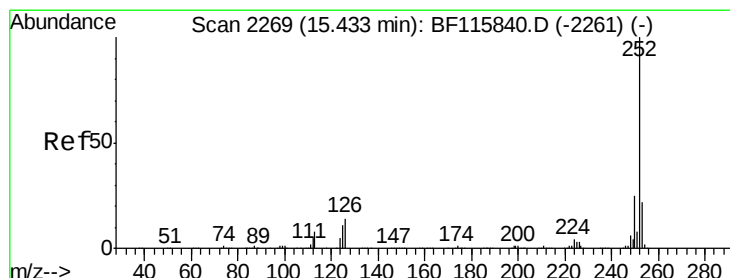
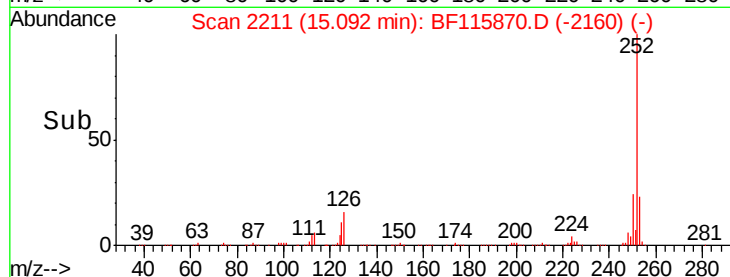
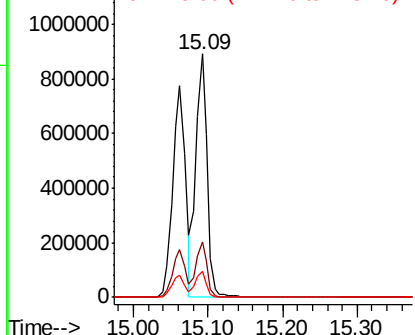
#89
Benzo(k)fluoranthene
Concen: 40.396 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 952815
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.8 8.9 13.3

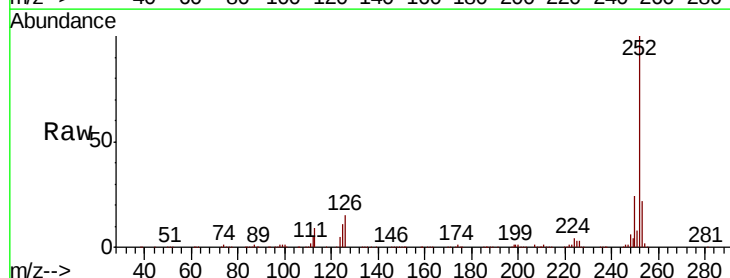


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

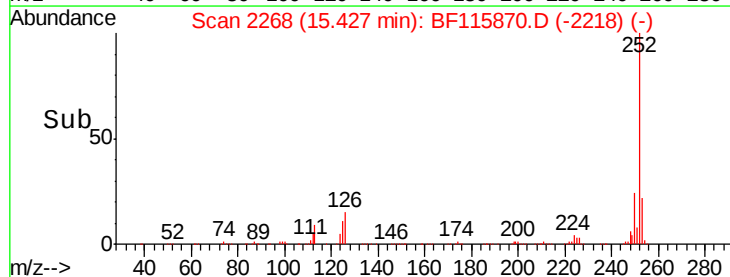
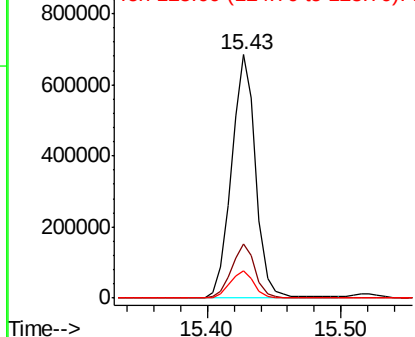


#90
Benzo(a)pyrene
Concen: 40.011 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115870.D
Acq: 31 Jul 2019 17:09

Tgt Ion:252 Resp: 866136
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.0 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 41.967 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

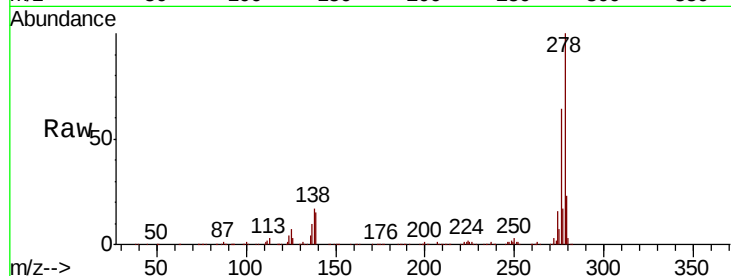
Tot Ion:278 Resp: 786384

Ion Ratio Lower Upper

278 100

139 15.0 12.6 19.0

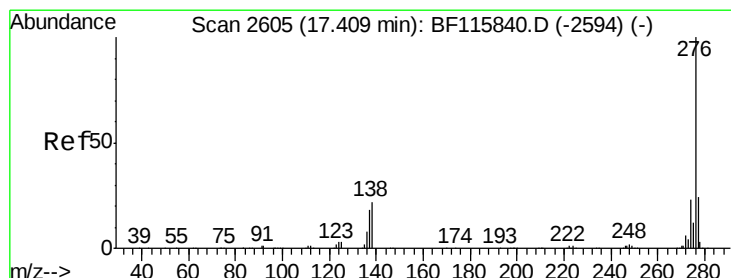
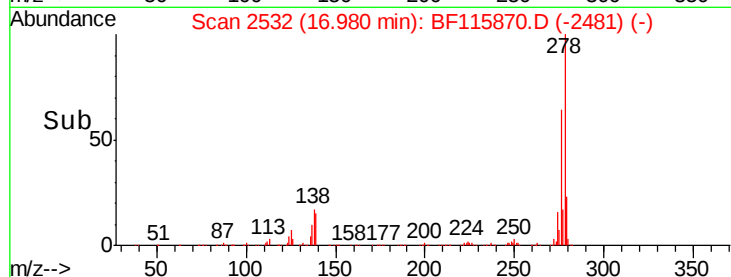
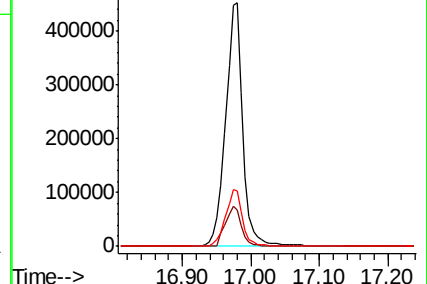
279 22.9 18.8 28.2



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: 42.490 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.00 min

Lab File: BF115870.D

Acq: 31 Jul 2019 17:09

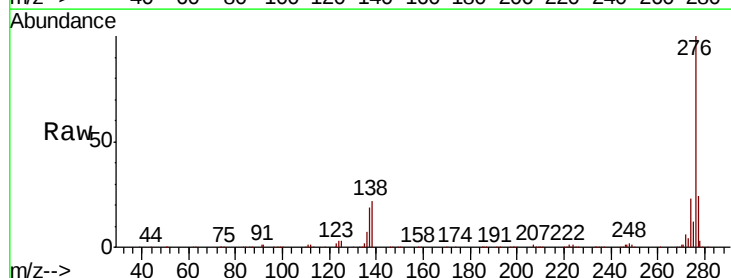
Tgt Ion:276 Resp: 781935

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 22.0 17.8 26.8



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

