

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115727.D
 Acq On : 23 Jul 2019 19:03
 Operator : HP/JU
 Sample : K3617-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Quant Time: Jul 24 04:56:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176156	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	682912	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	380920	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	699560	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	475090	20.00	ng	-0.01
87) Perylene-d12	15.50	264	445941	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1173695	108.98	ng	0.01
7) Phenol-d6	6.51	99	1469061	107.50	ng	0.00
23) Nitrobenzene-d5	7.44	82	1097766	93.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	523558	117.75	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1943764	89.31	ng	-0.02
79) Terphenyl-d14	12.98	244	2238418	86.94	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	186096	34.642	ng	# 85
3) Pyridine	3.55	79	325893	22.360	ng	99
4) n-Nitrosodimethylamine	3.48	42	214993	40.662	ng	95
6) Aniline	6.54	93	159492	8.387	ng	# 88
8) 2-Chlorophenol	6.66	128	502201	40.560	ng	99
9) Benzaldehyde	6.42	77	187227	21.925	ng	100
10) Phenol	6.53	94	552022	34.799	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	498776	41.298	ng	98
12) 1,3-Dichlorobenzene	6.82	146	525225	37.729	ng	98
13) 1,4-Dichlorobenzene	6.89	146	541862	39.012	ng	97
14) 1,2-Dichlorobenzene	7.05	146	496216	39.081	ng	98
15) Benzyl Alcohol	7.02	79	446521	41.191	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	667860	42.002	ng	98
17) 2-Methylphenol	7.13	107	440311	41.264	ng	97
18) Hexachloroethane	7.39	117	197822	38.371	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	363879	40.829	ng	95
20) 3+4-Methylphenols	7.28	107	501062	39.533	ng	# 84
22) Acetophenone	7.28	105	699864	45.363	ng	# 99
24) Nitrobenzene	7.46	77	572767	45.215	ng	99
25) Isophorone	7.69	82	1067458	45.421	ng	98
26) 2-Nitrophenol	7.77	139	289813	44.448	ng	98
27) 2,4-Dimethylphenol	7.81	122	475422	48.732	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	658532	45.676	ng	99
29) 2,4-Dichlorophenol	8.02	162	464473	45.779	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	492212	42.917	ng	98
31) Naphthalene	8.17	128	1490104	45.054	ng	97
32) Benzoic acid	7.92	122	172545	21.551	ng	98
33) 4-Chloroaniline	8.22	127	105283	7.187	ng	98
34) Hexachlorobutadiene	8.30	225	276048	41.973	ng	99
35) Caprolactam	8.60	113	58858	18.773	ng	92
36) 4-Chloro-3-methylphenol	8.71	107	489065	46.469	ng	100
37) 2-Methylnaphthalene	8.87	142	1025298	46.767	ng	97
38) 1-Methylnaphthalene	8.97	142	958815	46.044	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	462704	40.337	ng	98

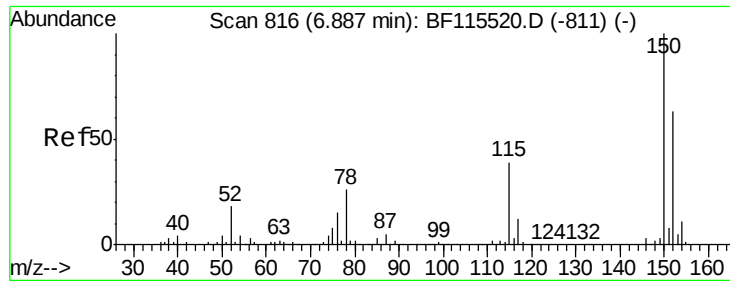
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	493578	75.431	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	329088	39.231	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	360088	41.916	ng	97
46) 1,1'-Biphenyl	9.33	154	1264964	42.477	ng	99
47) 2-Chloronaphthalene	9.36	162	998086	40.251	ng	99
48) 2-Nitroaniline	9.45	65	313970	40.909	ng	100
49) Acenaphthylene	9.77	152	1532735	41.716	ng	99
50) Dimethylphthalate	9.63	163	1325416	46.247	ng	99
51) 2,6-Dinitrotoluene	9.69	165	276981	42.527	ng	95
52) Acenaphthene	9.95	154	944359	39.811	ng	99
53) 3-Nitroaniline	9.86	138	116634	15.671	ng	99
54) 2,4-Dinitrophenol	9.97	184	253744	75.883	ng	97
55) Dibenzofuran	10.12	168	1385187	41.119	ng	99
56) 4-Nitrophenol	10.03	139	415550	73.218	ng	98
57) 2,4-Dinitrotoluene	10.10	165	380812	45.131	ng	97
58) Fluorene	10.46	166	1039363	43.159	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	304671	42.425	ng	98
60) Diethylphthalate	10.33	149	1199155	44.657	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	545491	40.845	ng	98
62) 4-Nitroaniline	10.48	138	285785	40.030	ng	96
63) Azobenzene	10.61	77	1184833	45.490	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	185523	43.407	ng	92
66) n-Nitrosodiphenylamine	10.57	169	984509	45.242	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	351002	43.906	ng	97
68) Hexachlorobenzene	11.02	284	385698	42.247	ng	96
69) Atrazine	11.10	200	323603	45.330	ng	99
70) Pentachlorophenol	11.20	266	418204	74.896	ng	99
71) Phenanthrene	11.42	178	1601472	44.661	ng	98
72) Anthracene	11.47	178	1646240	44.422	ng	99
73) Carbazole	11.63	167	1468150	45.177	ng	100
74) Di-n-butylphthalate	11.96	149	1886642	47.131	ng	99
75) Fluoranthene	12.61	202	1696776	44.778	ng	97
78) Pyrene	12.84	202	1676587	41.653	ng	99
80) Butylbenzylphthalate	13.45	149	810305	47.223	ng	99
81) Benzo(a)anthracene	14.03	228	1365971	43.643	ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	125994	11.324	ng	96
83) Chrysene	14.06	228	1326436	42.216	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1092532	51.403	ng	99
85) Di-n-octyl phthalate	14.62	149	1704003	50.388	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1290598	48.348	ng	99
88) Benzo(b)fluoranthene	15.07	252	1243013	43.288	ng	100
89) Benzo(k)fluoranthene	15.11	252	1070282	41.806	ng	97
90) Benzo(a)pyrene	15.44	252	1088382	44.099	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	1070803	49.421	ng	100
92) Benzo(g,h,i)perylene	17.43	276	1096879	50.761	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

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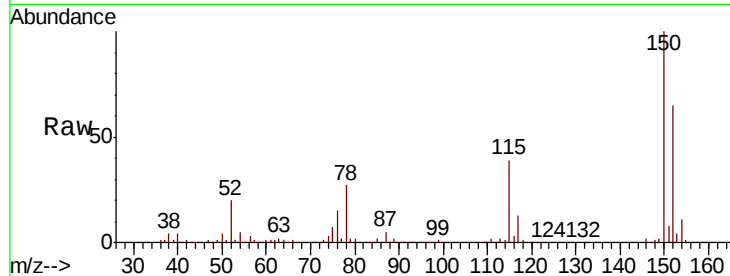
Tgt Ion:152 Resp: 176156

Ion Ratio Lower Upper

152 100

150 152.8 129.7 194.5

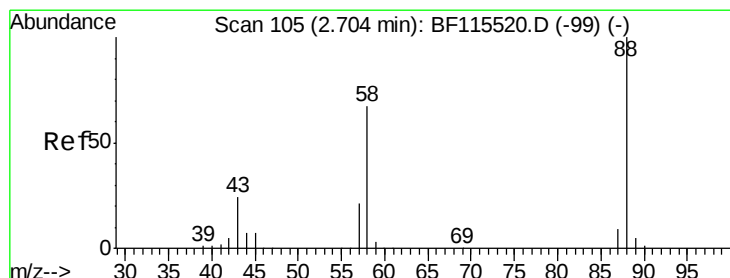
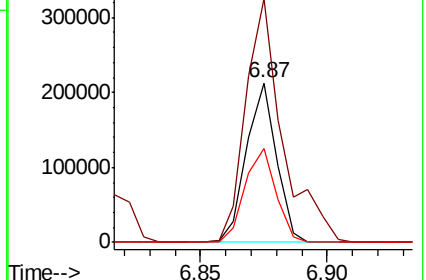
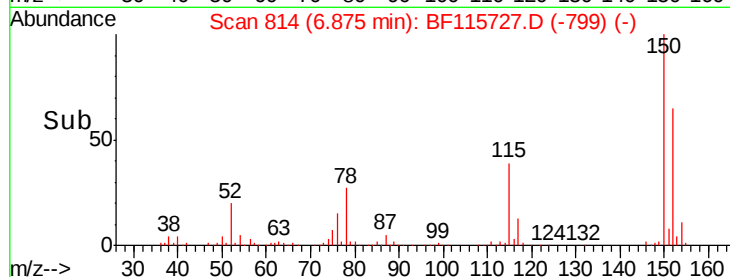
115 59.0 48.2 72.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.642 ng

RT: 2.84 min Scan# 128

Delta R.T. 0.14 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

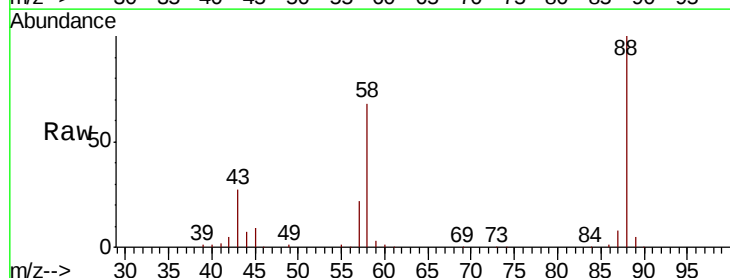
Tgt Ion: 88 Resp: 186096

Ion Ratio Lower Upper

88 100

58 67.7 52.6 79.0

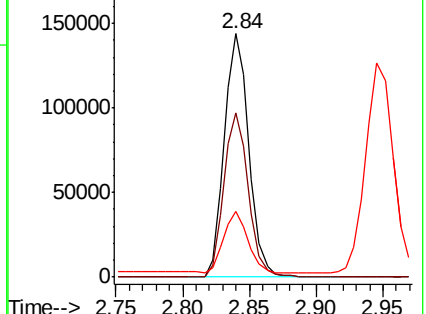
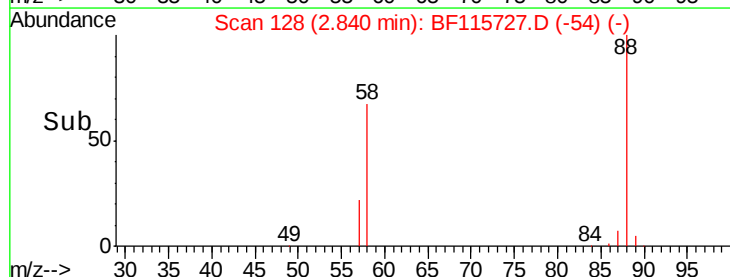
43 0.0 19.1 28.7#

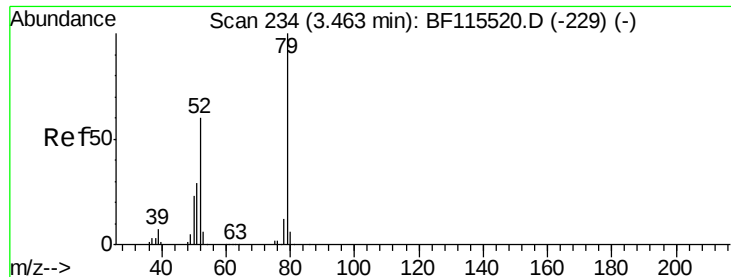


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 22.360 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

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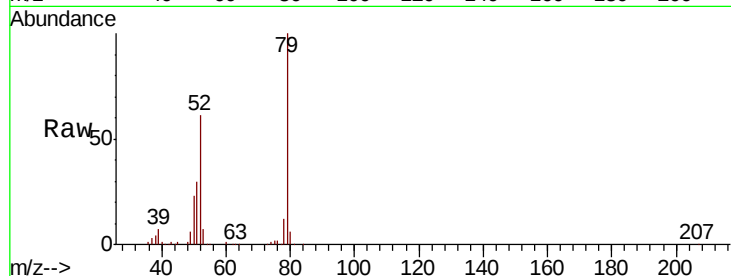
Tgt Ion: 79 Resp: 325893

Ion Ratio Lower Upper

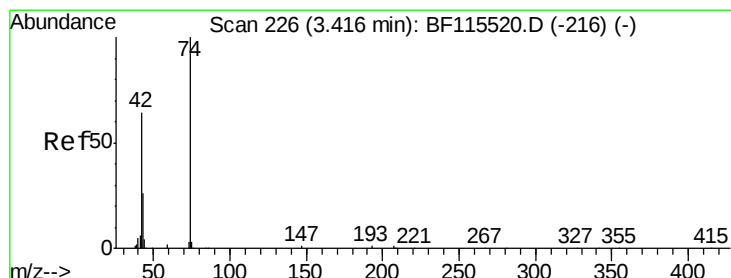
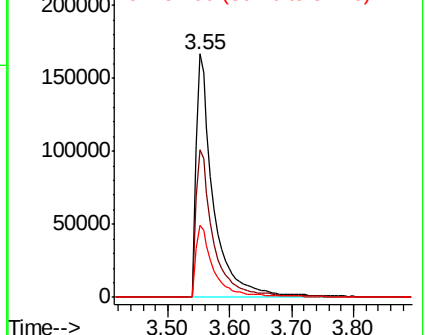
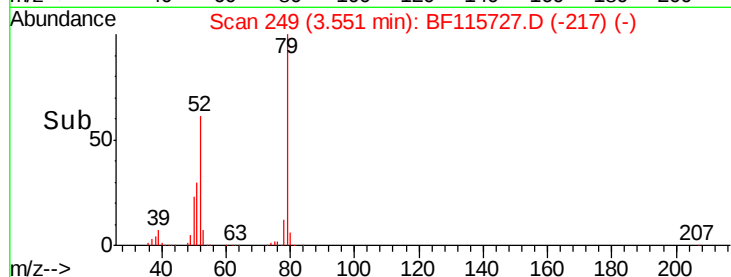
79 100

52 60.9 47.8 71.6

51 29.8 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 40.662 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

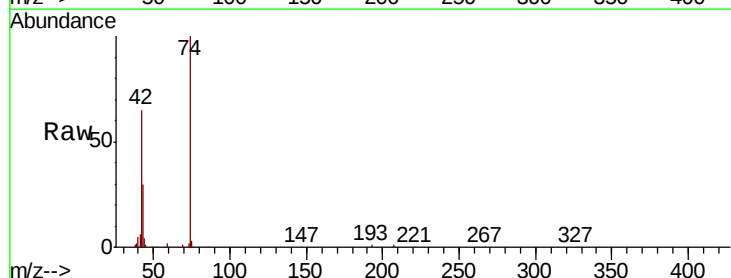
Tgt Ion: 42 Resp: 214993

Ion Ratio Lower Upper

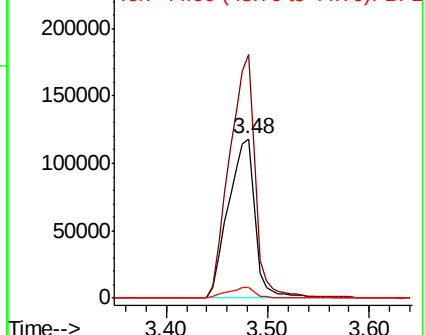
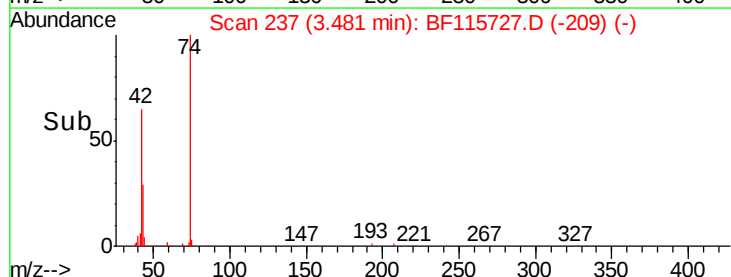
42 100

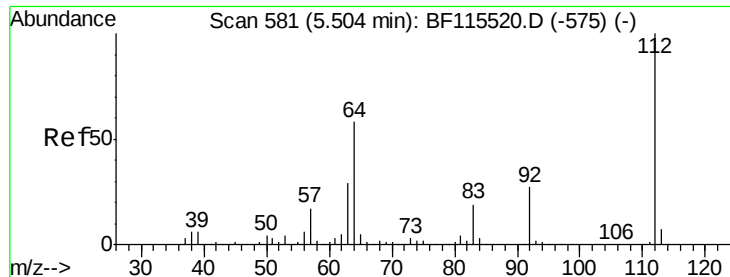
74 152.8 127.5 191.3

44 6.3 5.0 7.6



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





#5

2-Fluorophenol

Concen: 108.984 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

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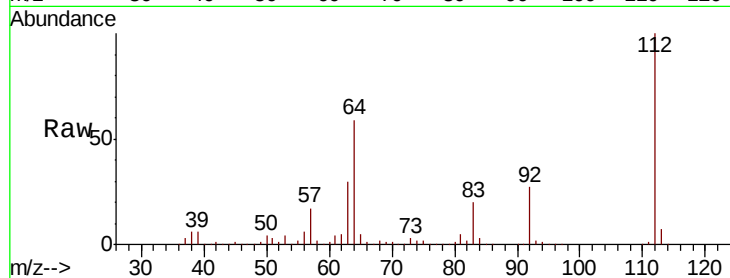
Tgt Ion: 112 Resp: 1173695

Ion Ratio Lower Upper

112 100

64 58.7 46.8 70.2

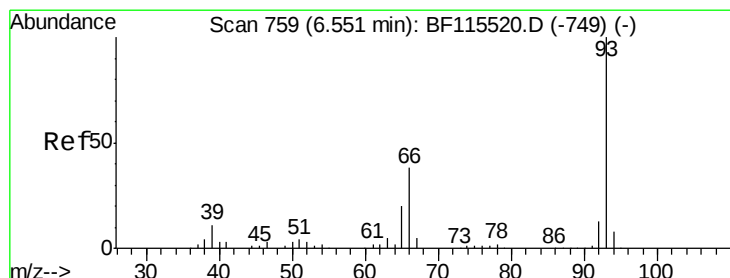
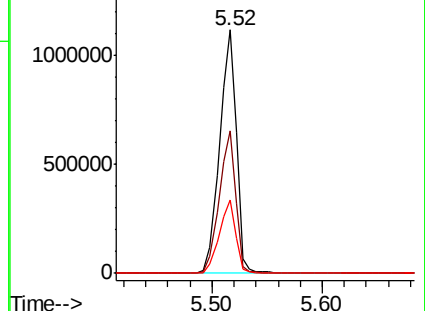
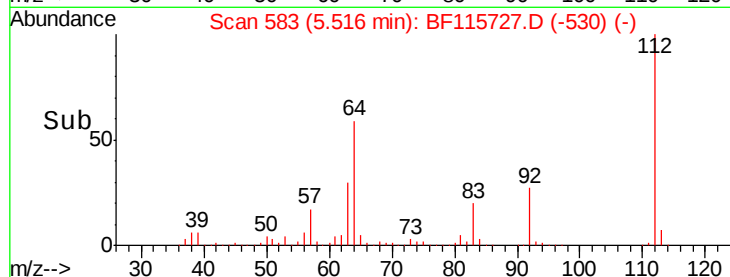
63 30.3 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.387 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

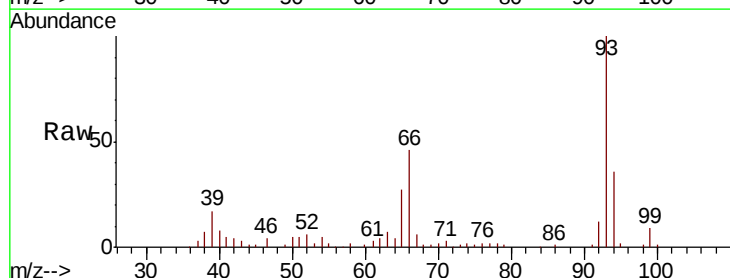
Tgt Ion: 93 Resp: 159492

Ion Ratio Lower Upper

93 100

66 46.4 31.7 47.5

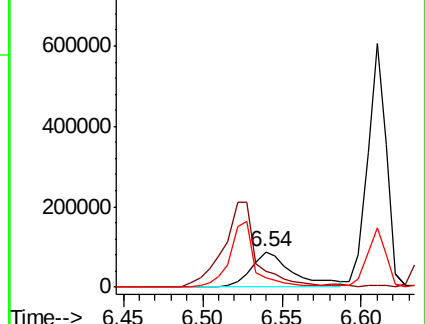
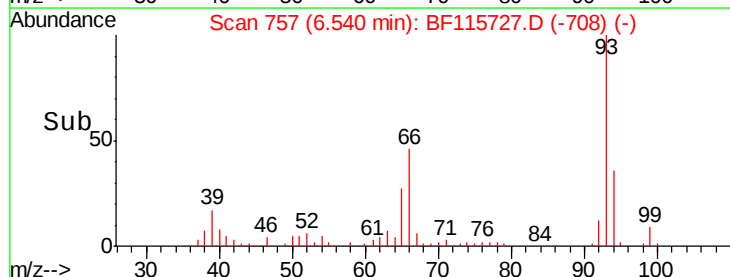
65 26.8 16.2 24.2#

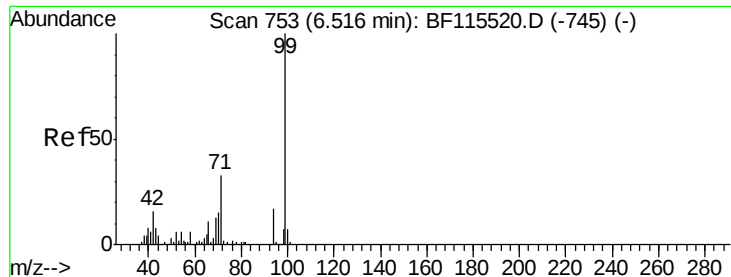


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.504 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

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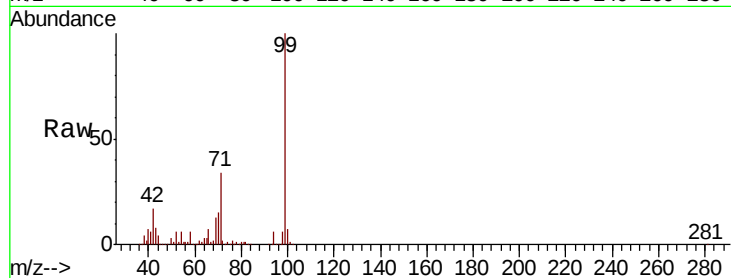
Tgt Ion: 99 Resp: 1469061

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

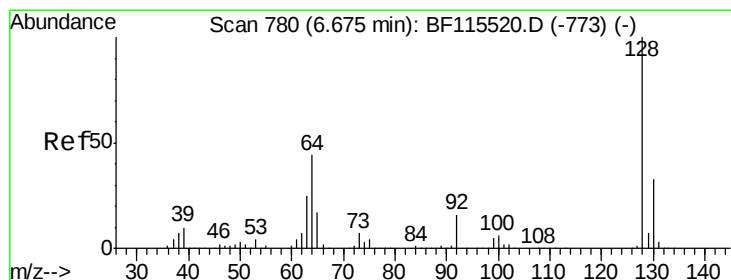
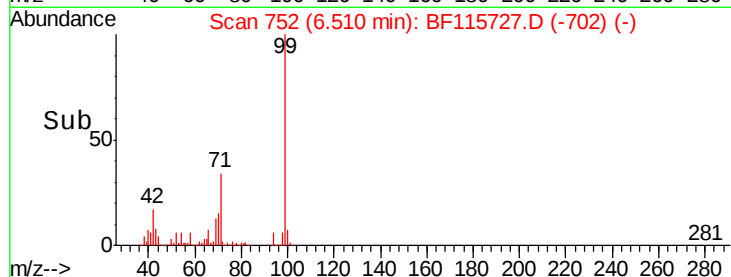
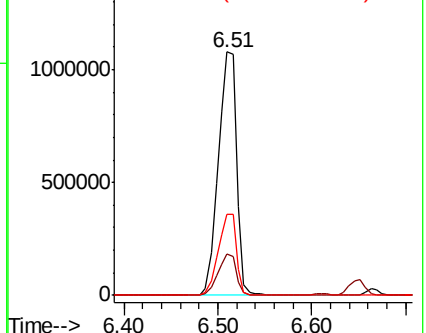
71 33.5 28.5 42.7



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: 40.560 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

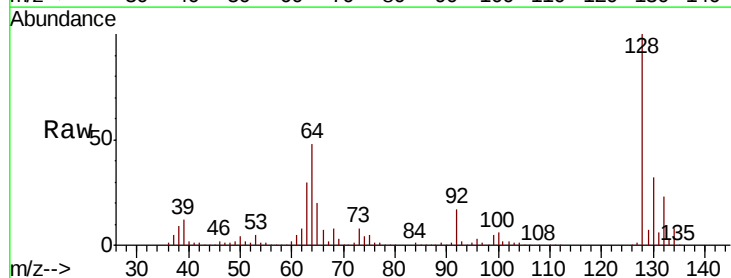
Tgt Ion: 128 Resp: 502201

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

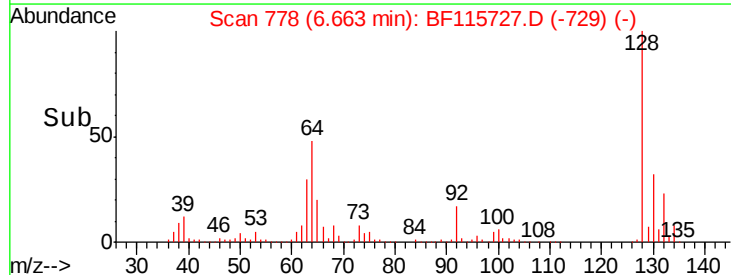
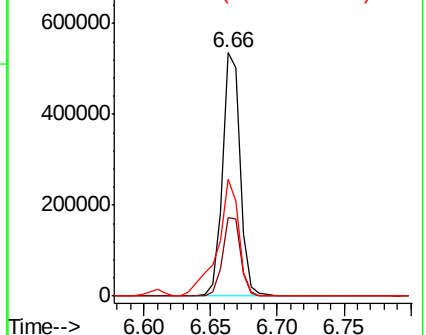
64 48.1 26.8 66.8

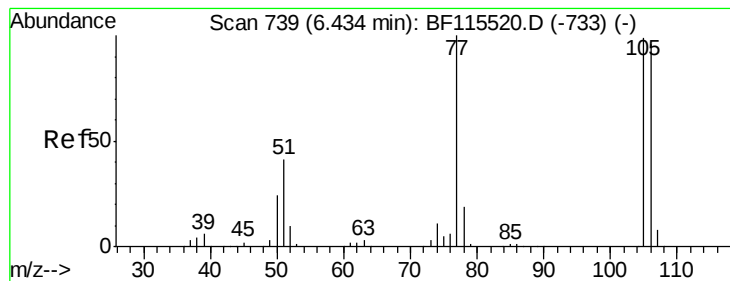


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.925 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115727.D

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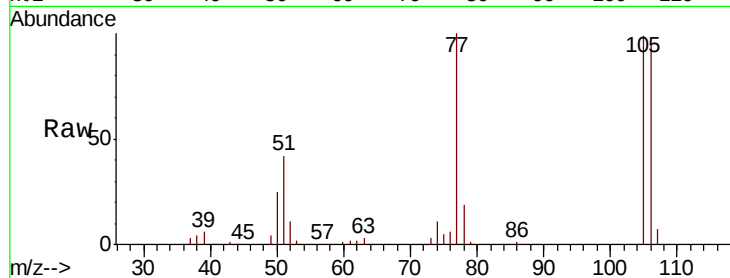
Tgt Ion: 77 Resp: 187227

Ion Ratio Lower Upper

77 100

105 98.8 78.8 118.8

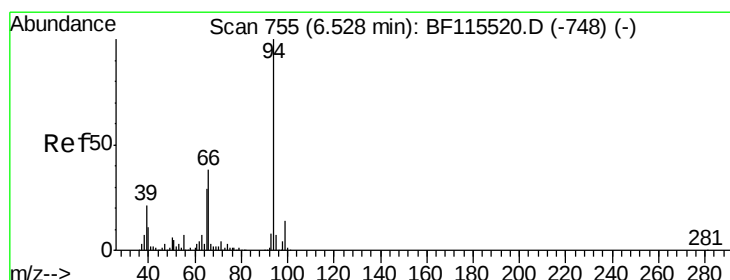
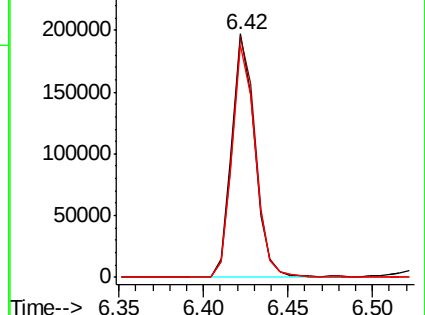
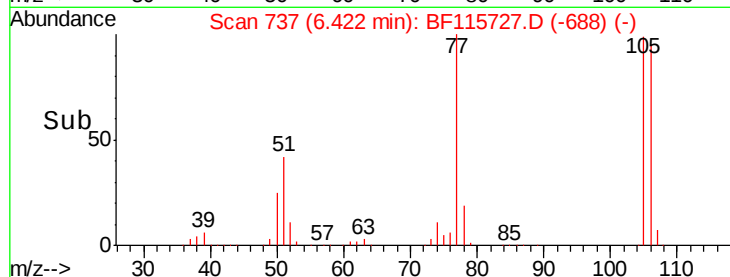
106 95.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.799 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

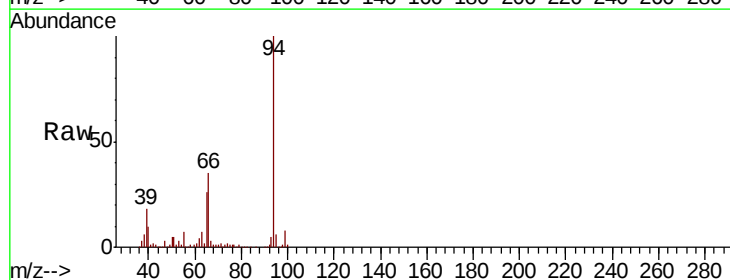
Tgt Ion: 94 Resp: 552022

Ion Ratio Lower Upper

94 100

65 26.4 14.5 54.5

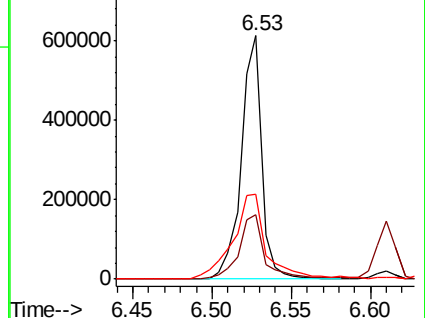
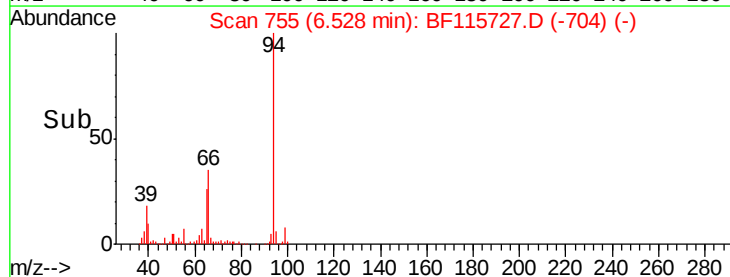
66 34.6 31.3 71.3

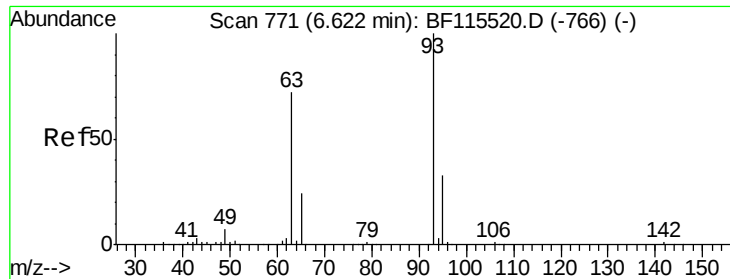


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

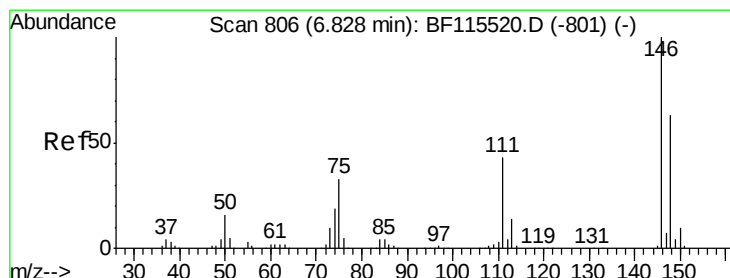
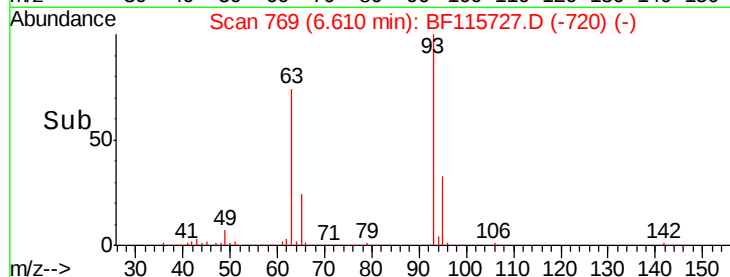
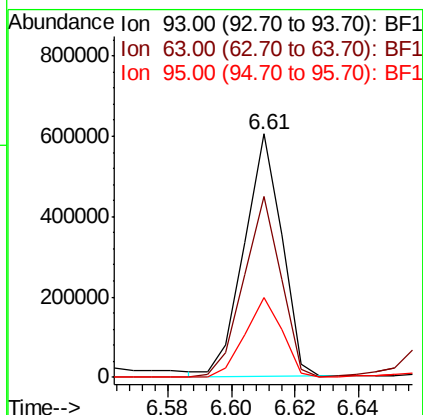
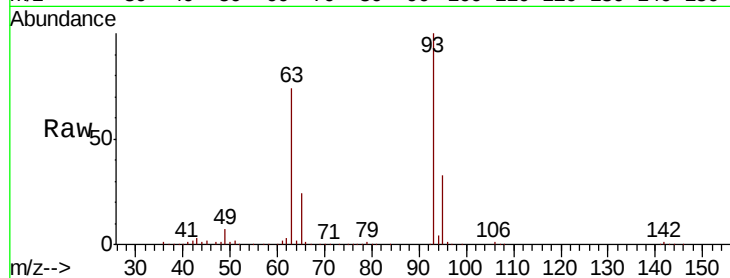




#11
 bis(2-Chloroethyl)ether
 Concen: 41.298 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

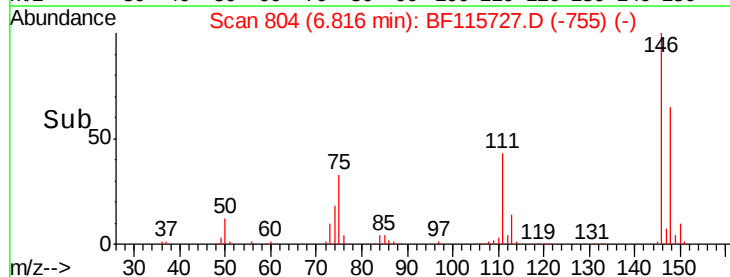
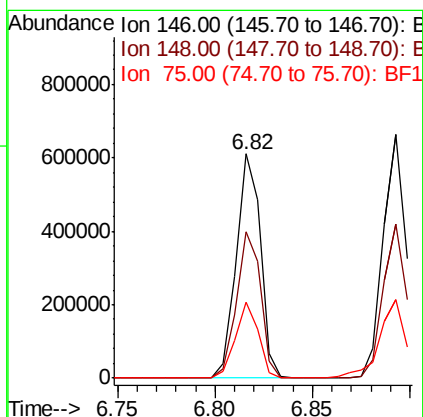
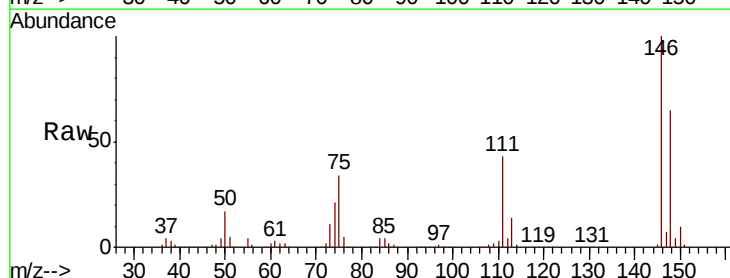
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

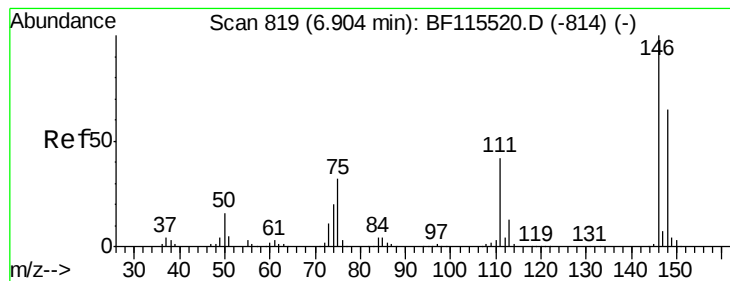
Tgt Ion: 93 Resp: 498776
 Ion Ratio Lower Upper
 93 100
 63 74.2 52.2 92.2
 95 32.7 12.9 52.9



#12
 1,3-Dichlorobenzene
 Concen: 37.729 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion: 146 Resp: 525225
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.1 78.1
 75 34.0 24.9 37.3

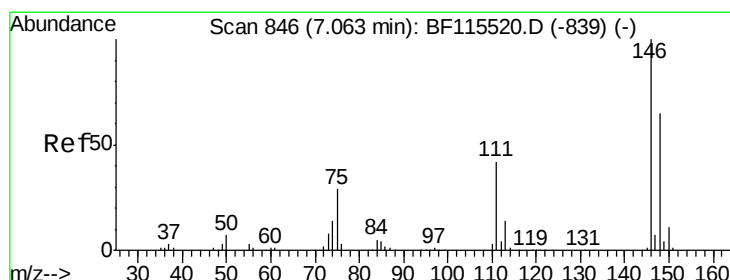
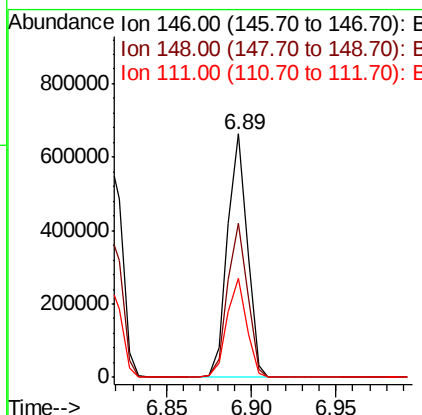
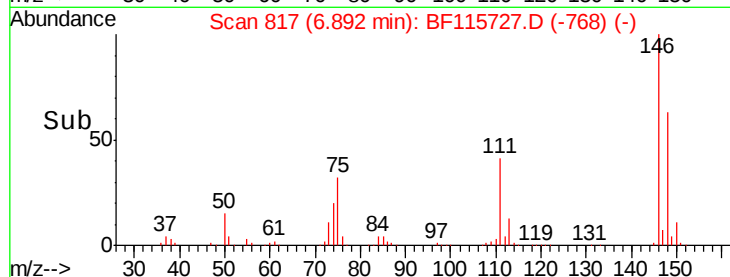
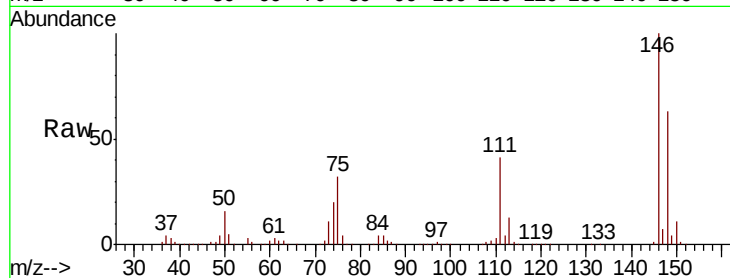




#13
 1,4-Dichlorobenzene
 Concen: 39.012 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

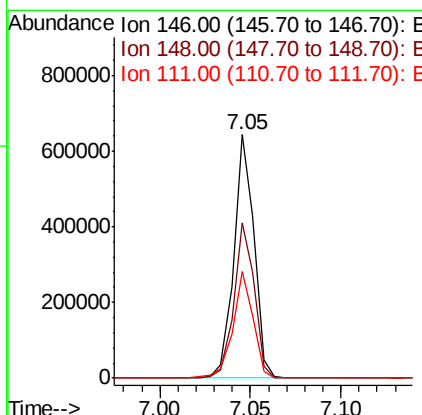
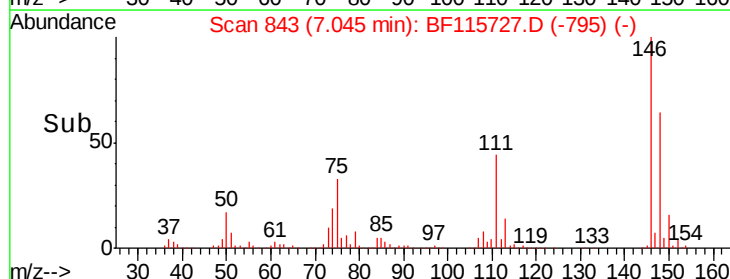
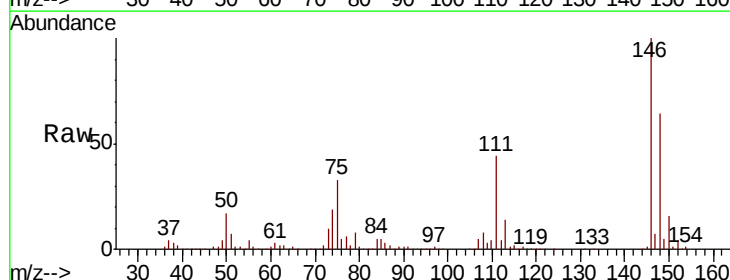
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

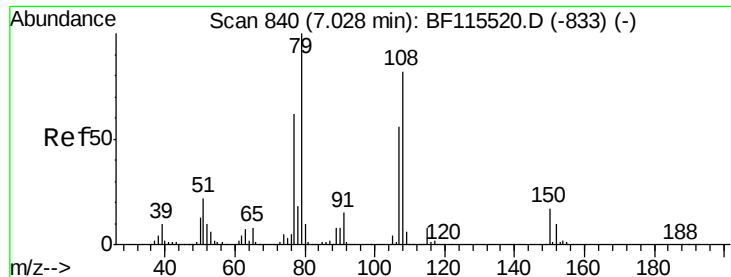
Tgt Ion:146 Resp: 541862
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 40.5 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 39.081 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:146 Resp: 496216
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 43.7 37.6 56.4





#15

Benzyl Alcohol

Concen: 41.191 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

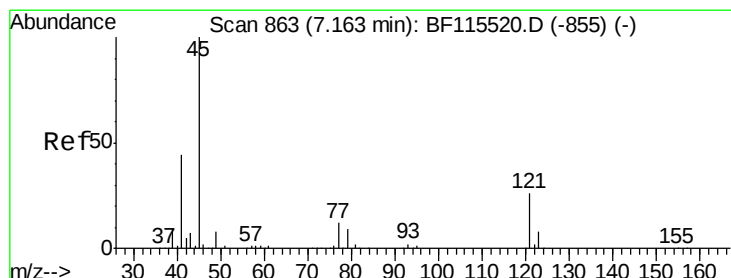
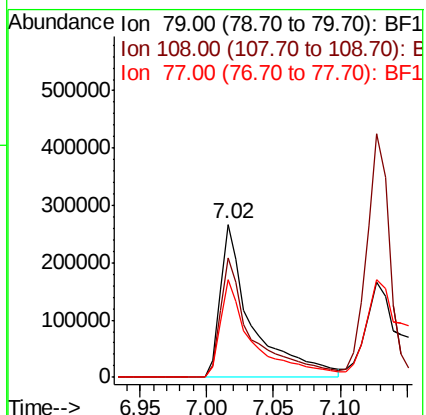
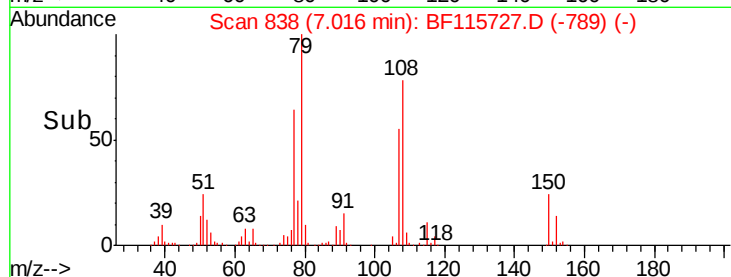
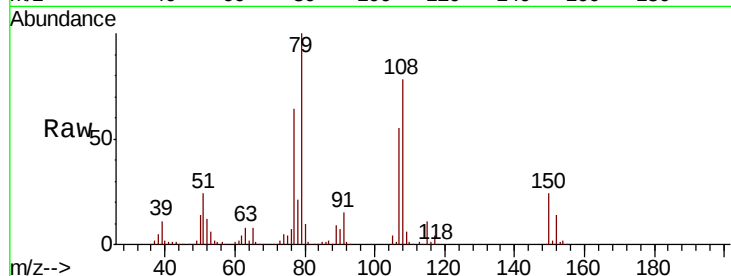
Tgt Ion: 79 Resp: 446521

Ion Ratio Lower Upper

79 100

108 78.4 64.2 96.4

77 63.8 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.002 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

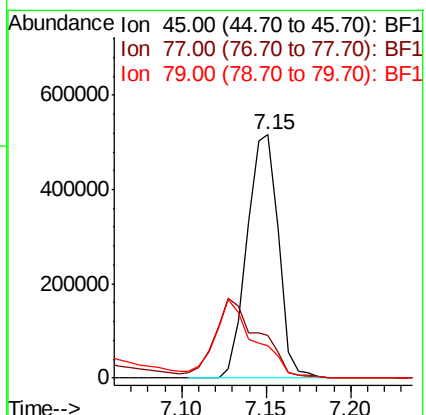
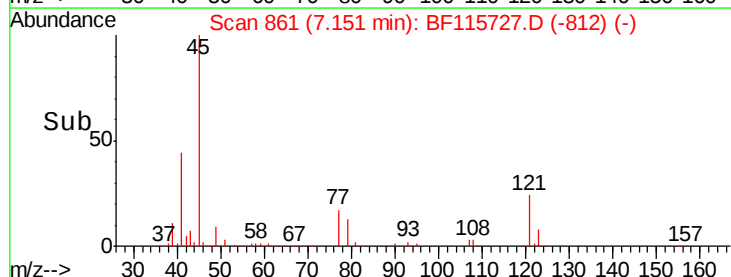
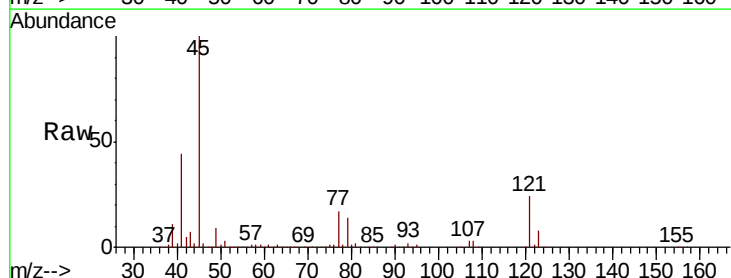
Tgt Ion: 45 Resp: 667860

Ion Ratio Lower Upper

45 100

77 17.4 0.0 38.1

79 13.5 0.0 34.1

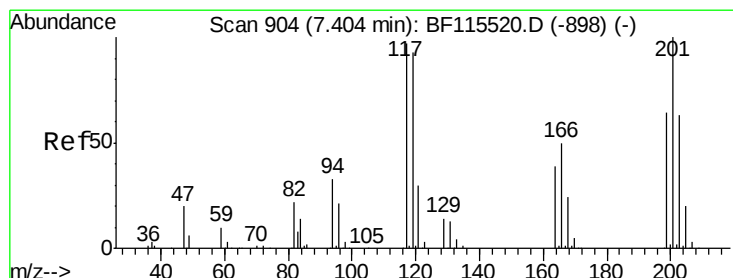
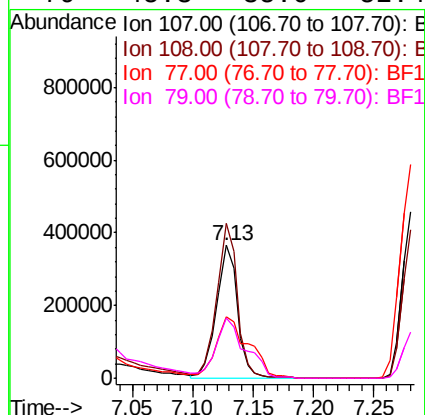
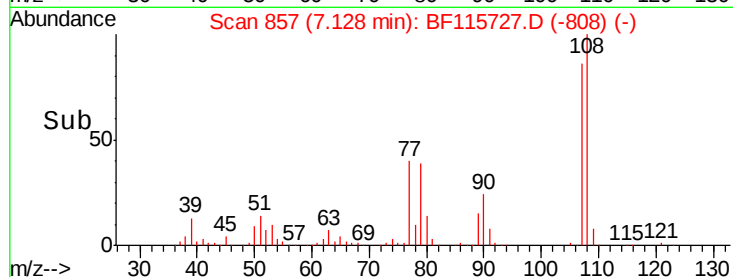
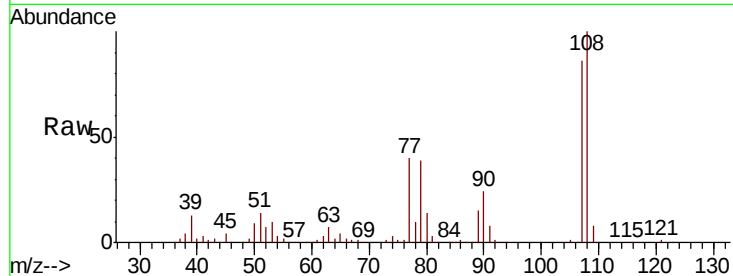




#17
2-Methylphenol
Concen: 41.264 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

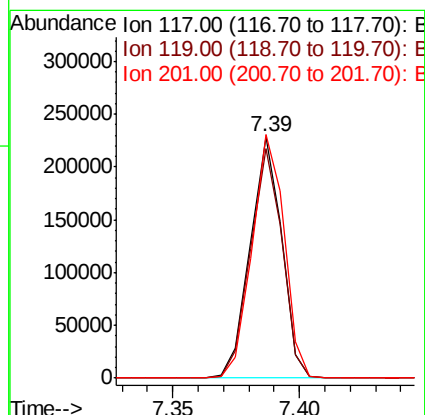
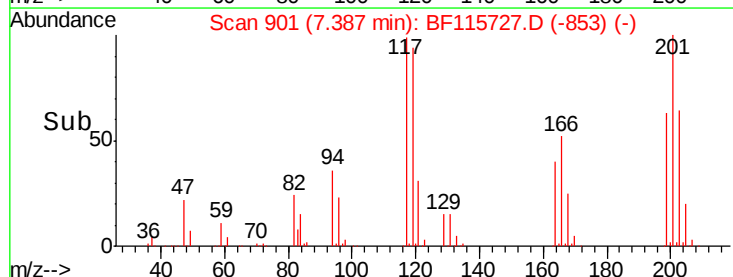
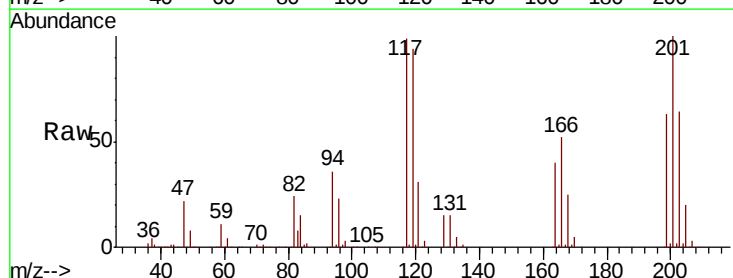
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

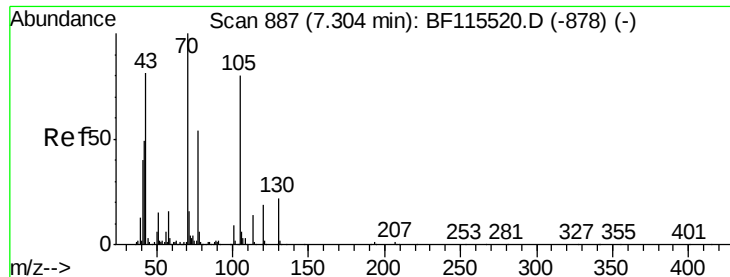
Tgt Ion:107 Resp: 440311
Ion Ratio Lower Upper
107 100
108 116.0 89.4 134.2
77 46.3 35.7 53.5
79 45.3 35.0 52.4



#18
Hexachloroethane
Concen: 38.371 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:117 Resp: 197822
Ion Ratio Lower Upper
117 100
119 95.1 77.7 116.5
201 101.0 86.0 129.0

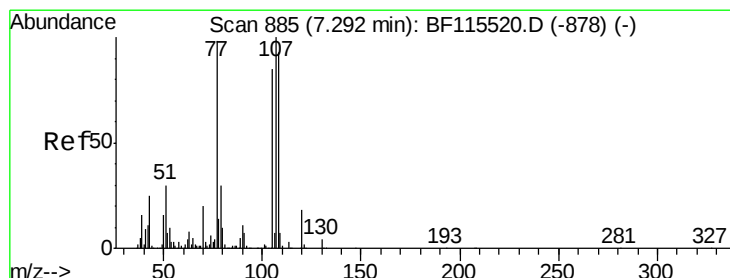
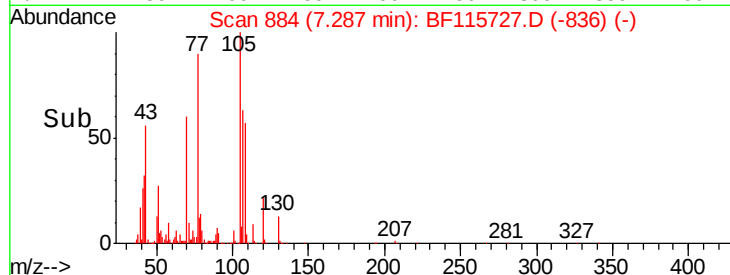
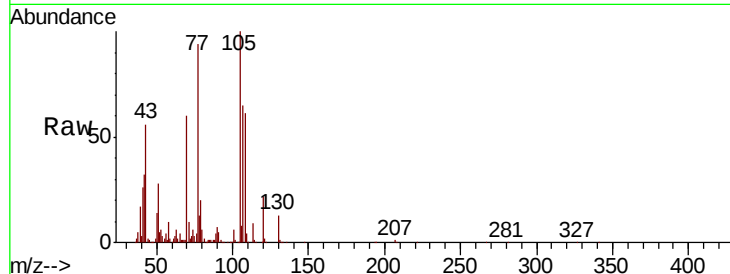
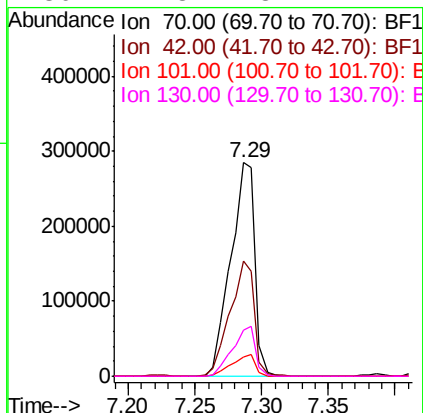




#19
n-Nitroso-di-n-propylamine
Concen: 40.829 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

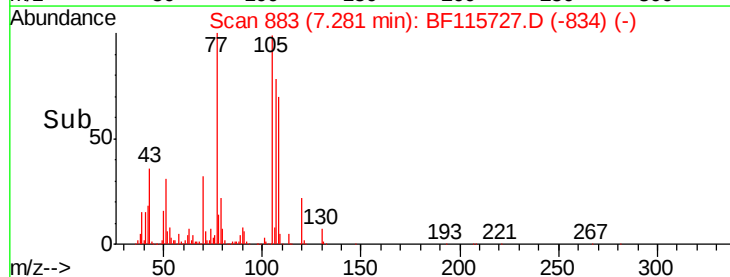
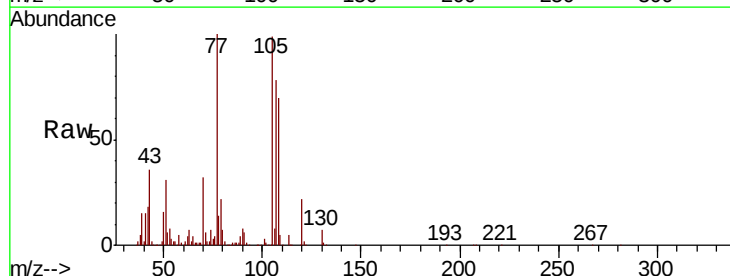
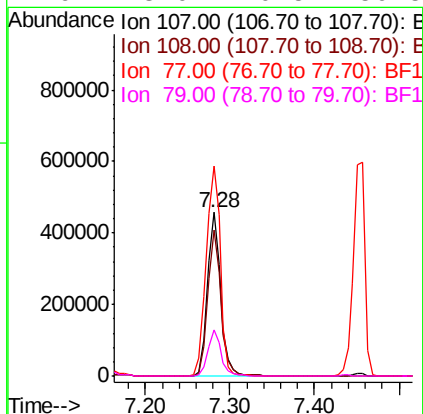
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

Tgt Ion:	70	Resp:	363879
Ion	Ratio	Lower	Upper
70	100		
42	53.9	39.6	59.4
101	9.2	8.1	12.1
130	21.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.533 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:	107	Resp:	501062
Ion	Ratio	Lower	Upper
107	100		
108	89.3	72.9	112.9
77	128.3	77.6	117.6#
79	28.0	10.5	50.5

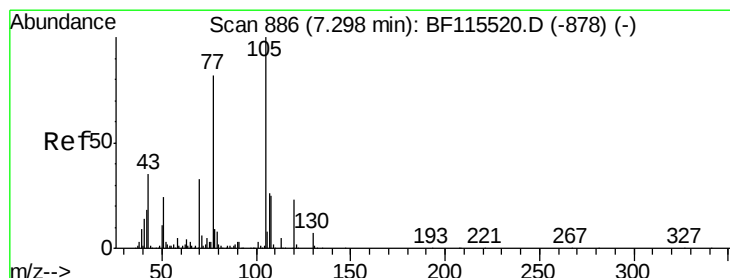
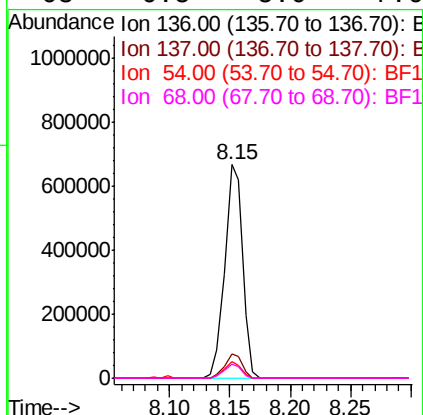
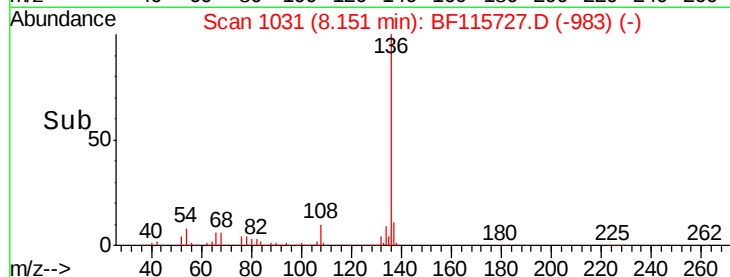
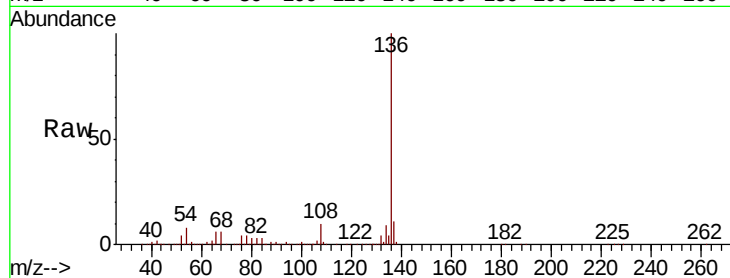




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

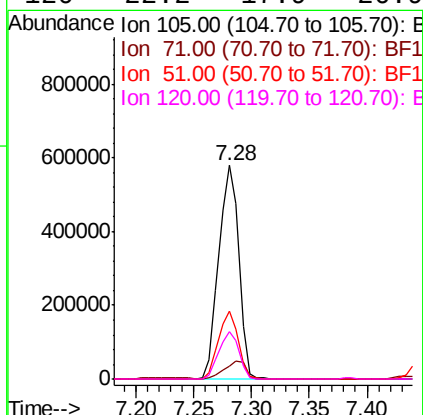
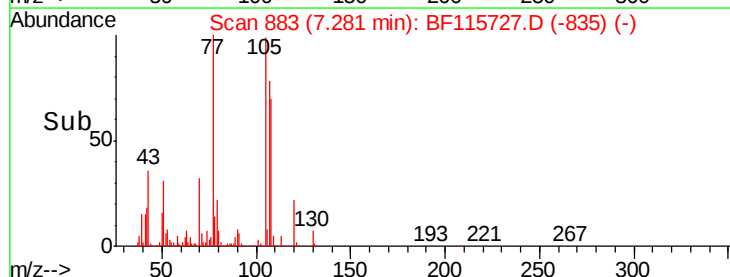
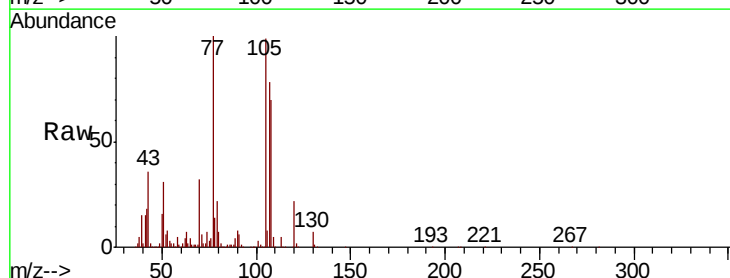
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

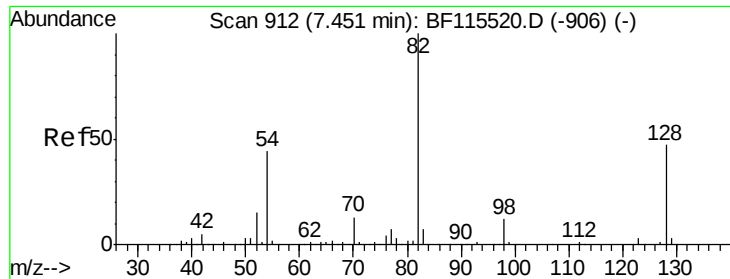
Tgt Ion:	136	Resp:	682912
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	5.6	8.4
68	6.5	5.0	7.6



#22
Acetophenone
Concen: 45.363 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:	105	Resp:	699864
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.5	5.3#
51	31.5	25.6	38.4
120	22.2	17.9	26.9

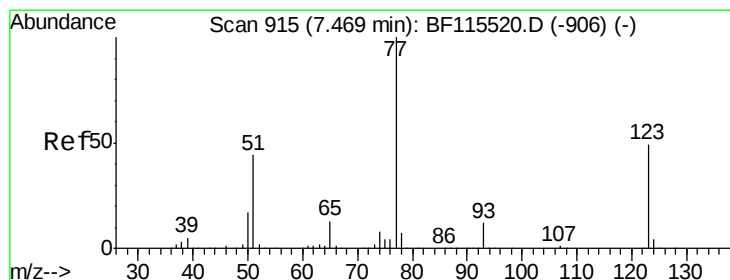
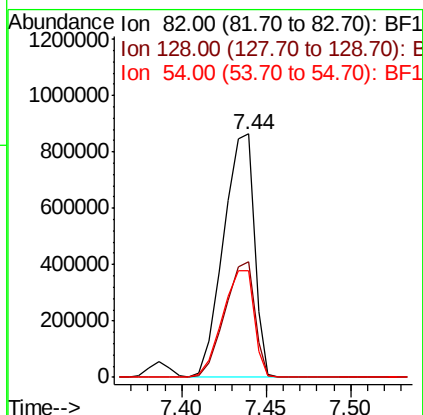
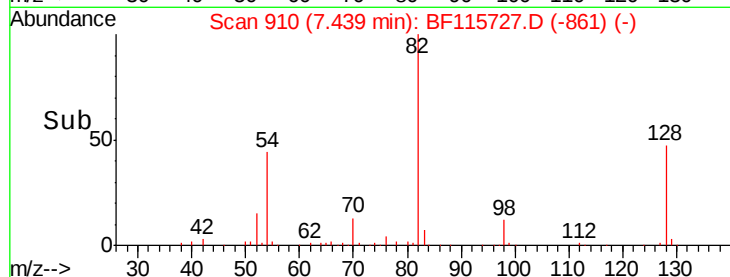
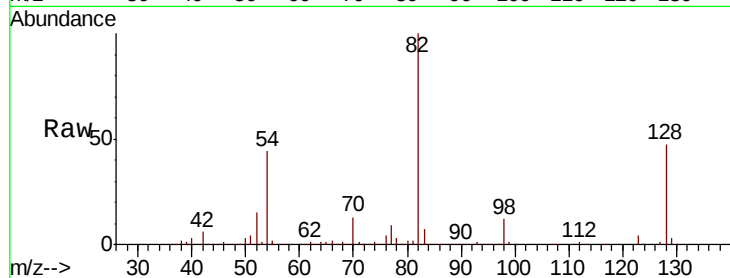




#23
Nitrobenzene-d5
Concen: 93.469 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

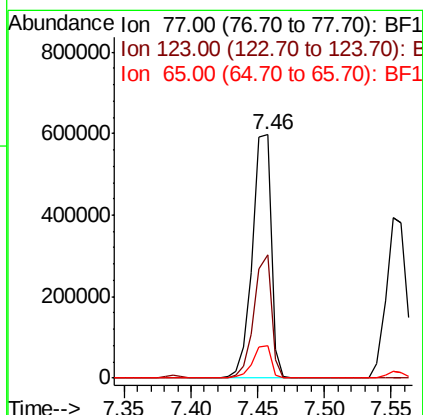
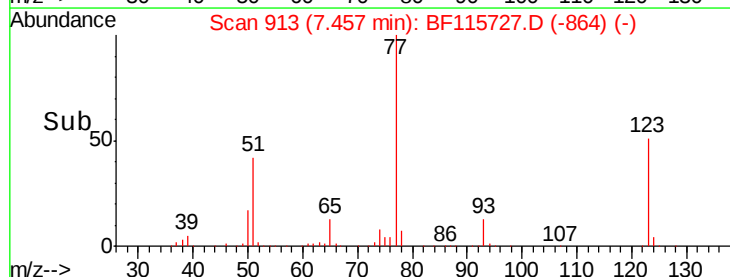
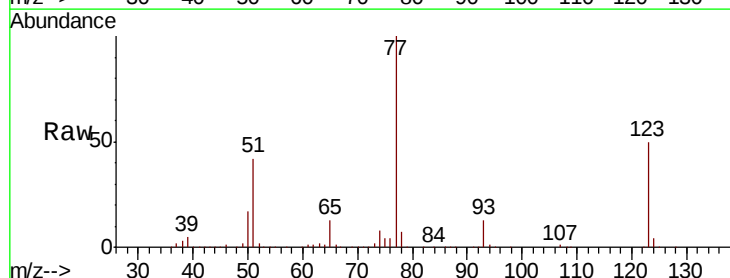
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

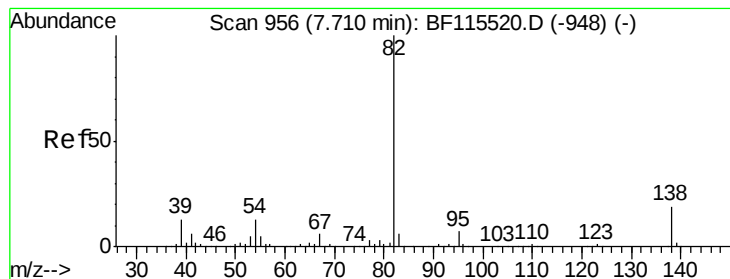
Tgt Ion: 82 Resp: 1097766
Ion Ratio Lower Upper
82 100
128 47.3 38.6 57.8
54 43.9 35.6 53.4



#24
Nitrobenzene
Concen: 45.215 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion: 77 Resp: 572767
Ion Ratio Lower Upper
77 100
123 50.5 40.0 60.0
65 13.1 11.0 16.4





#25

Isophorone

Concen: 45.421 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

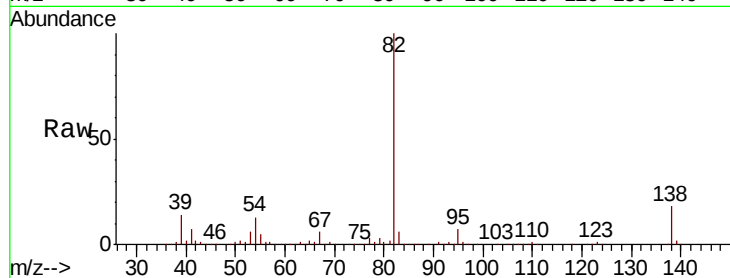
Tgt Ion: 82 Resp: 1067458

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

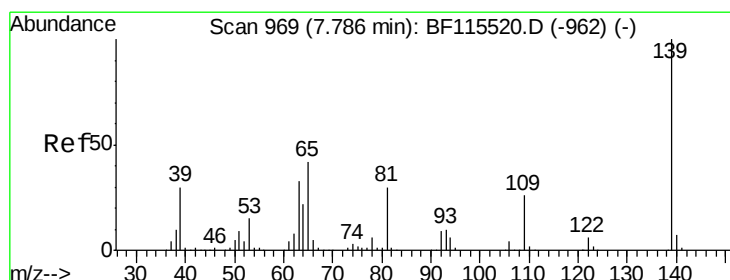
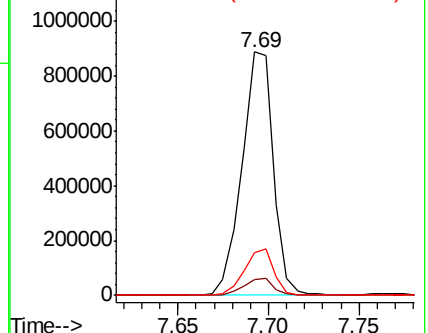
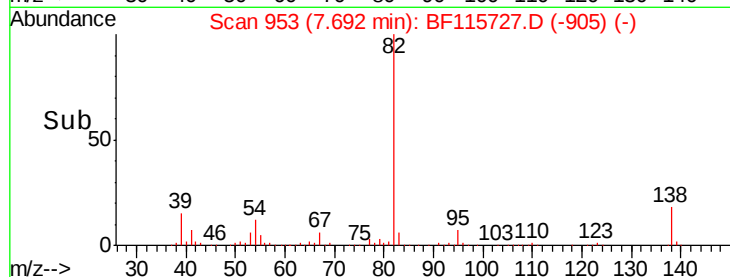
138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.448 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

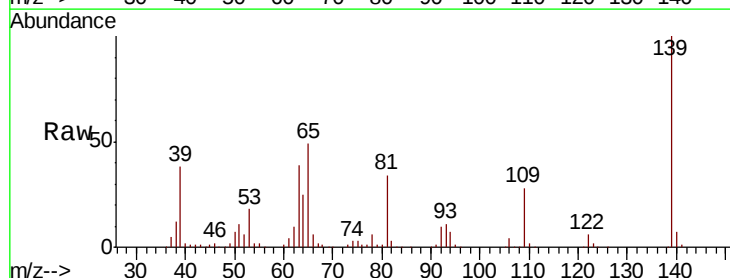
Tgt Ion: 139 Resp: 289813

Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

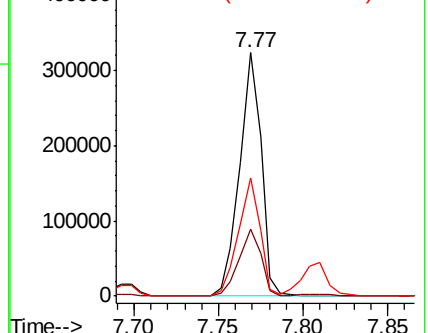
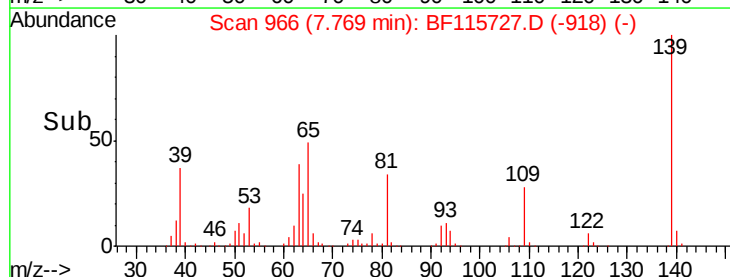
65 48.7 37.9 56.9

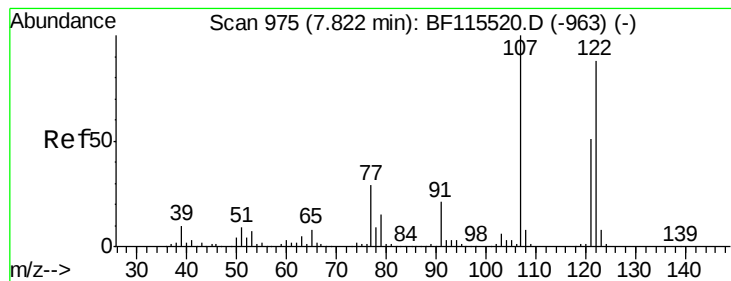


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.732 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

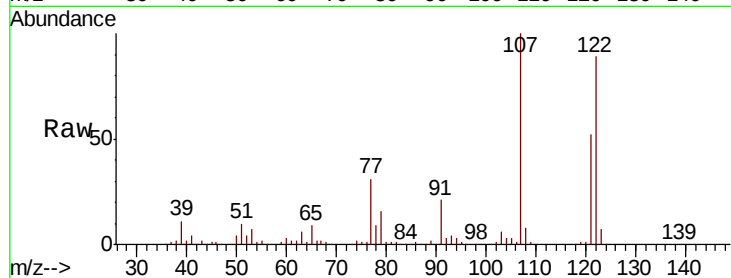
Tgt Ion:122 Resp: 475422

Ion Ratio Lower Upper

122 100

107 112.6 92.9 139.3

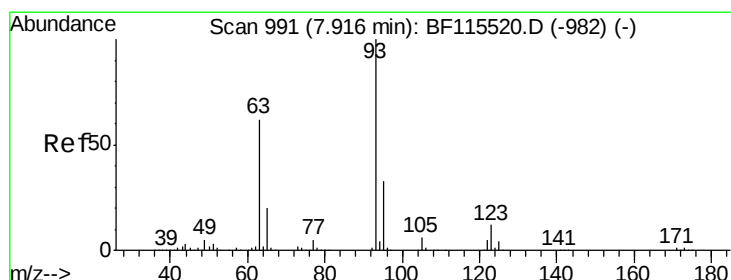
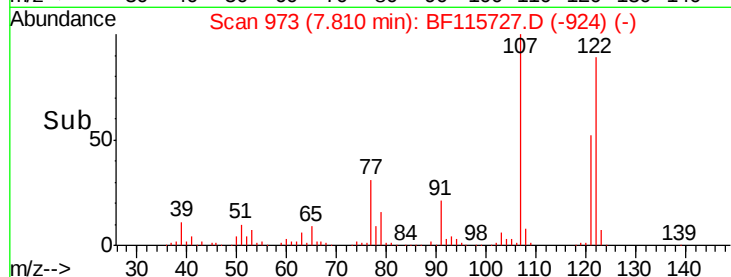
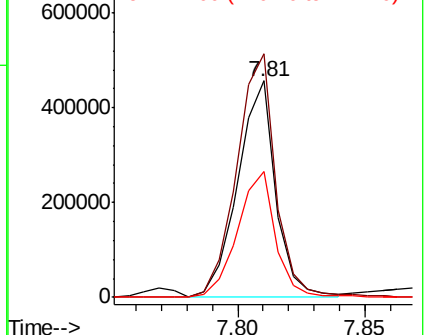
121 58.3 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.676 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

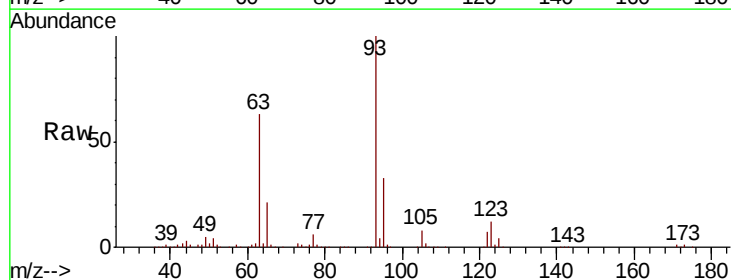
Tgt Ion: 93 Resp: 658532

Ion Ratio Lower Upper

93 100

95 33.1 27.0 40.4

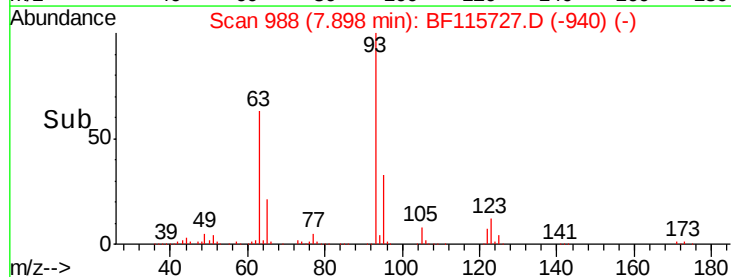
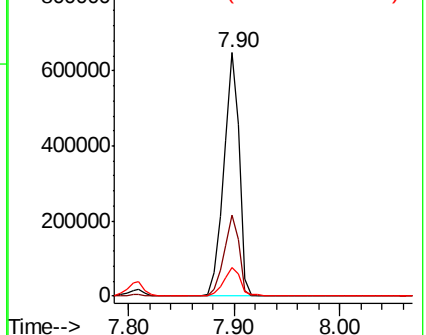
123 11.6 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

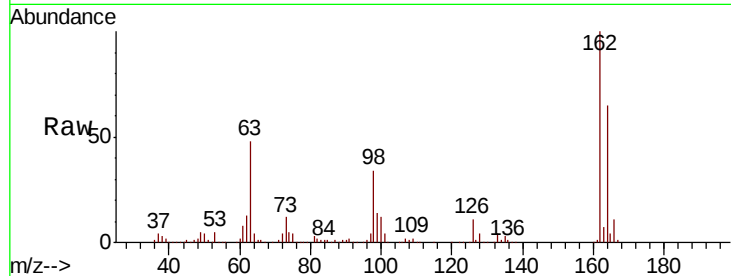




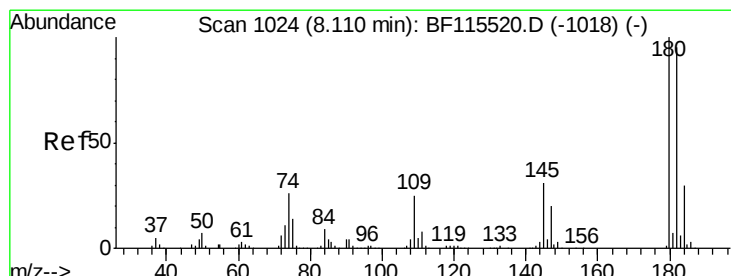
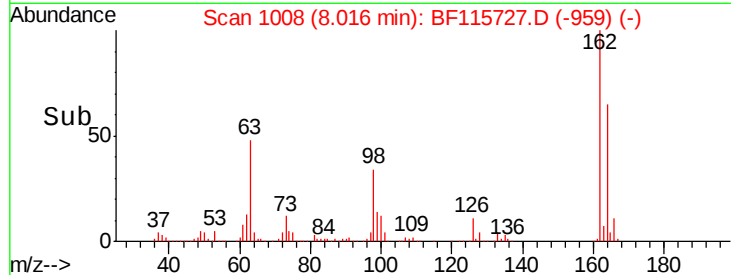
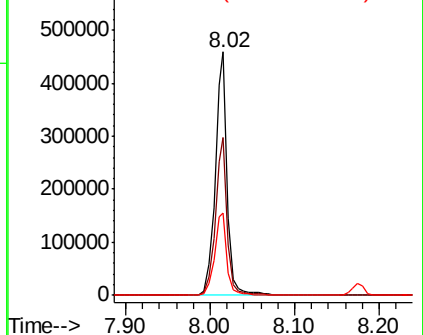
#29
 2,4-Dichlorophenol
 Concen: 45.779 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Tgt Ion:162 Resp: 464473
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.9 84.9
 98 33.6 17.7 57.7

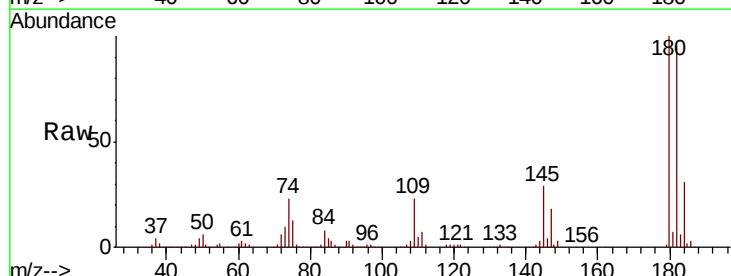


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

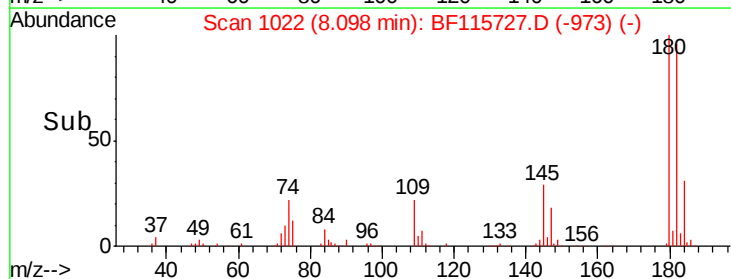
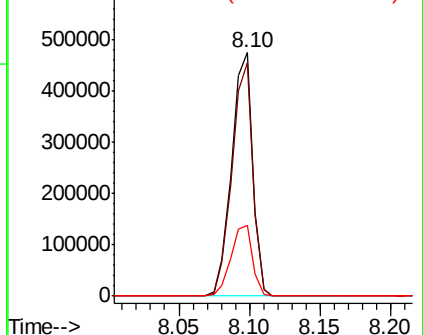


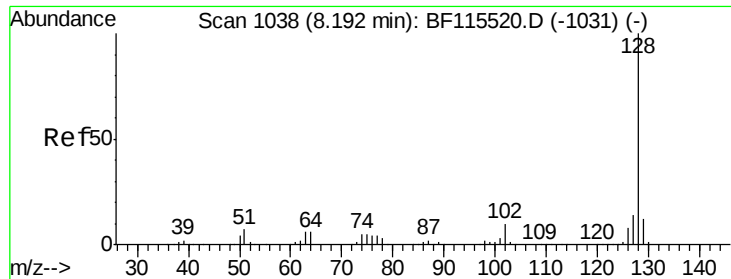
#30
 1,2,4-Trichlorobenzene
 Concen: 42.917 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:180 Resp: 492212
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.0 112.6
 145 29.3 25.1 37.7



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

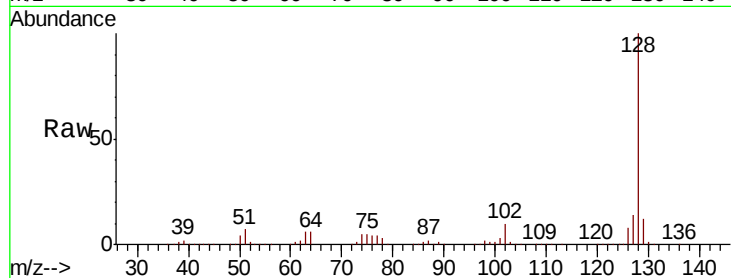




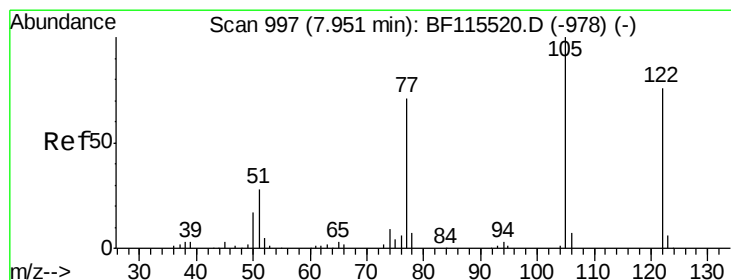
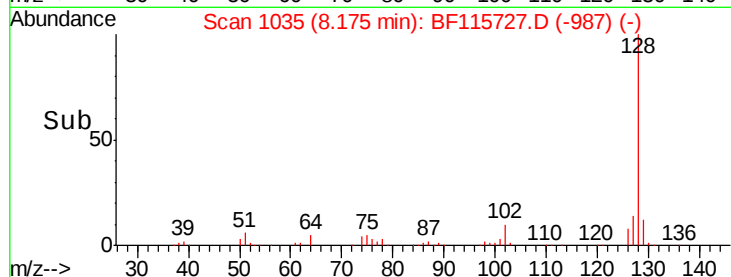
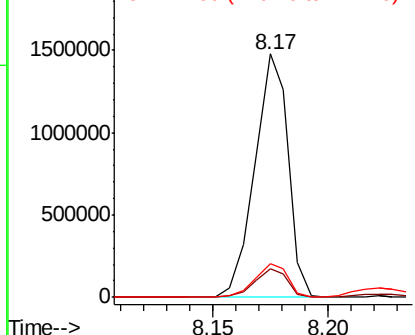
#31
Naphthalene
Concen: 45.054 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

Tgt Ion:128 Resp: 1490104
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.7 12.1 18.1

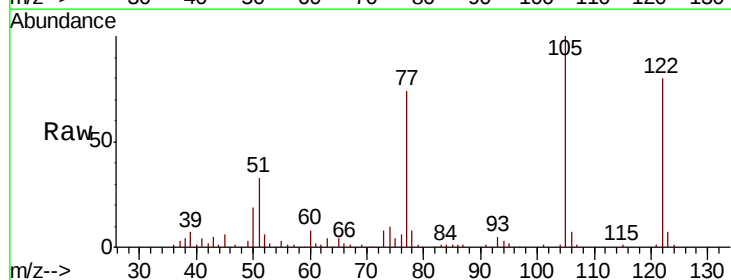


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

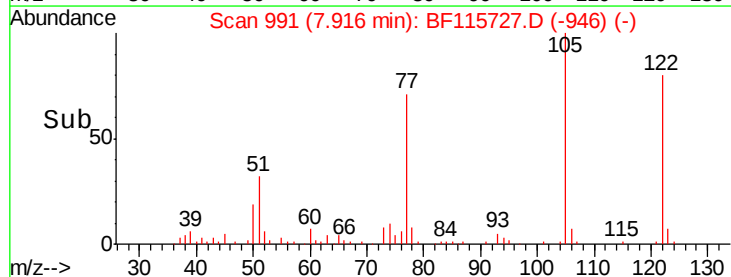
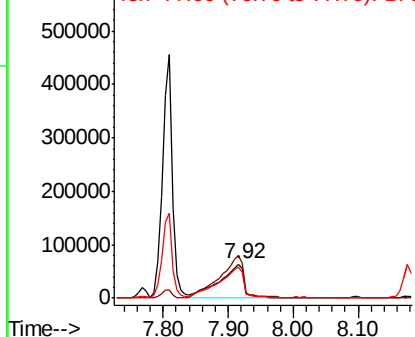


#32
Benzoic acid
Concen: 21.551 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:122 Resp: 172545
Ion Ratio Lower Upper
122 100
105 125.1 102.5 142.5
77 92.7 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

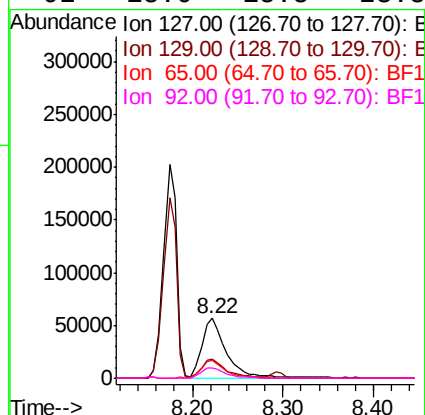
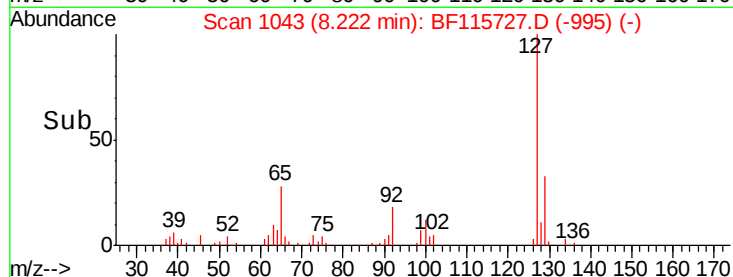
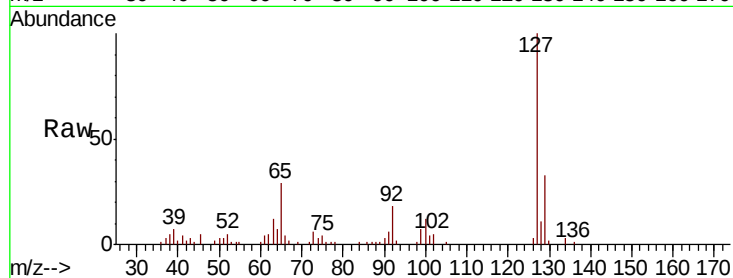




#33
4-Chloroaniline
Concen: 7.187 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

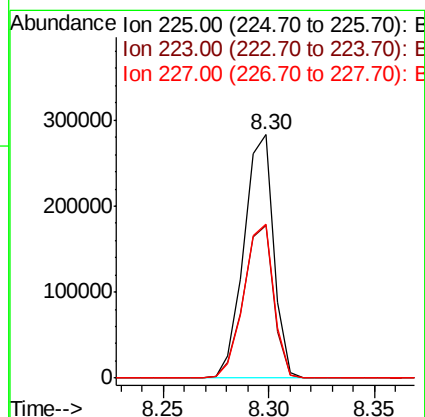
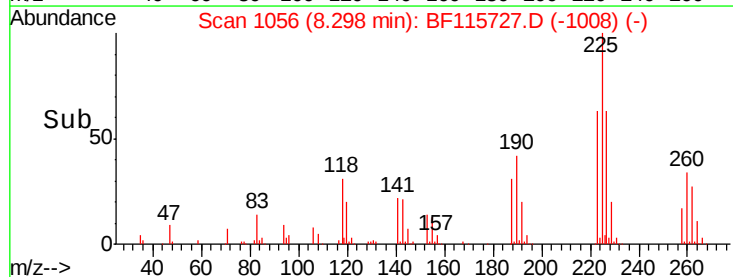
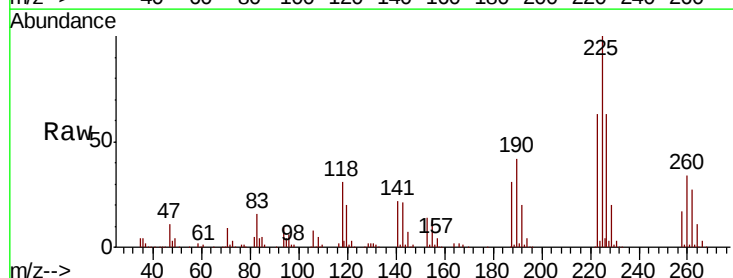
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

Tgt Ion:	127	Resp:	105283
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	29.0	23.7	35.5
92	18.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.973 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:	225	Resp:	276048
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	63.4	50.7	76.1

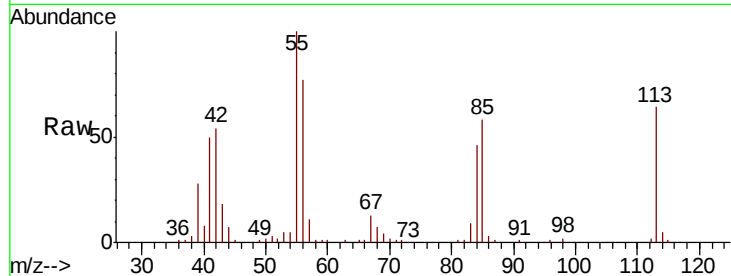




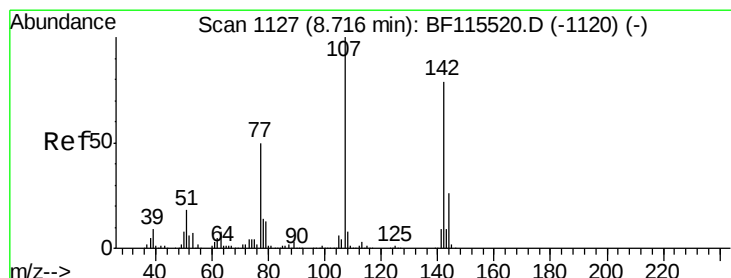
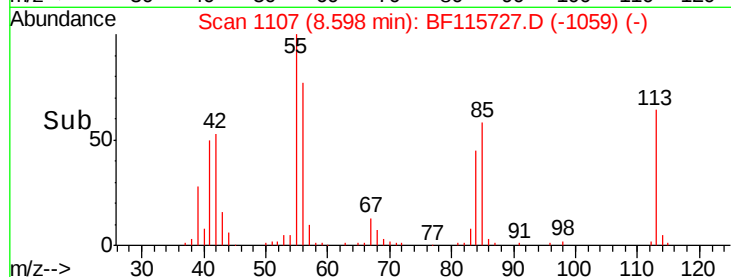
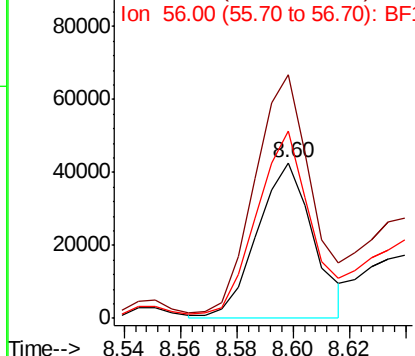
#35
 Caprolactam
 Concen: 18.773 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Tgt Ion:113 Resp: 58858
 Ion Ratio Lower Upper
 113 100
 55 156.2 126.9 166.9
 56 119.8 90.3 130.3

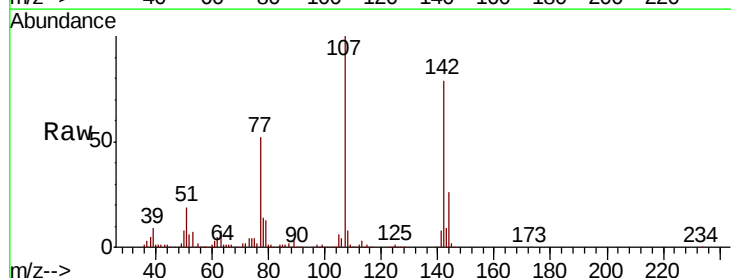


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

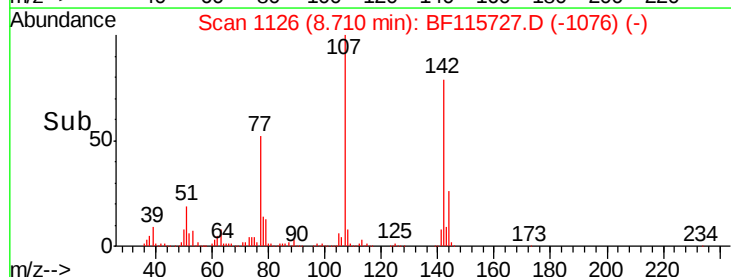
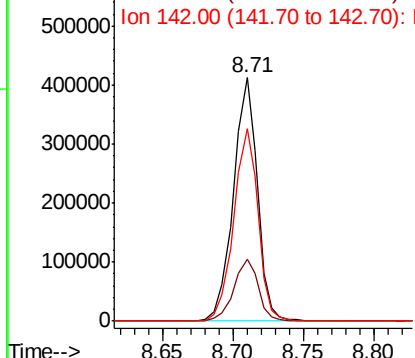


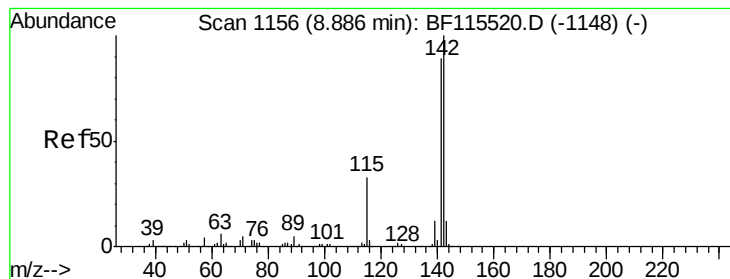
#36
 4-Chloro-3-methylphenol
 Concen: 46.469 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:107 Resp: 489065
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 78.9 63.1 94.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.767 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

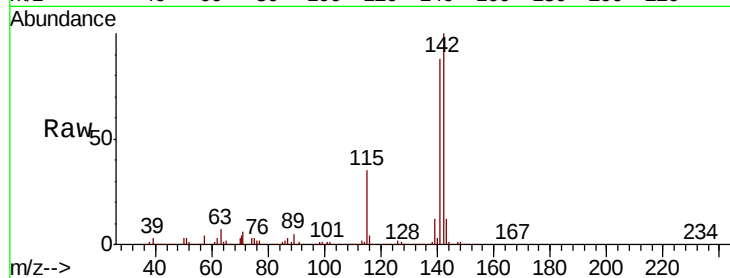
Tgt Ion:142 Resp: 1025298

Ion Ratio Lower Upper

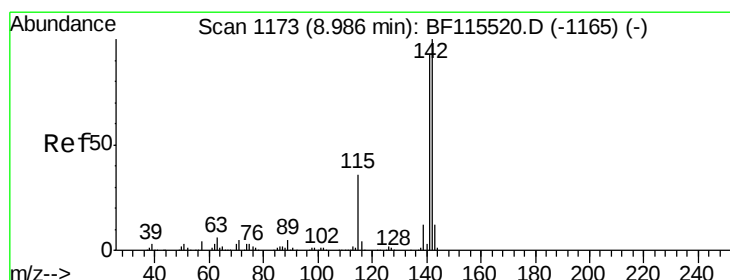
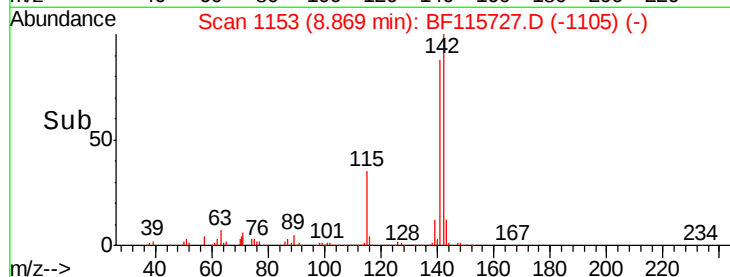
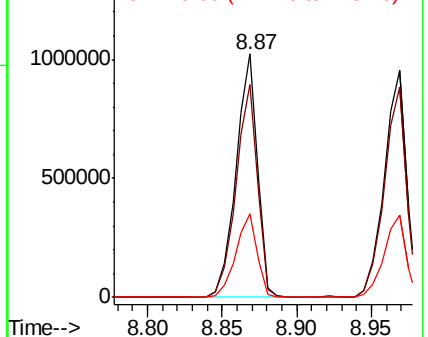
142 100

141 87.6 72.0 108.0

115 34.6 29.9 44.9



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



#38

1-Methylnaphthalene

Concen: 46.044 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

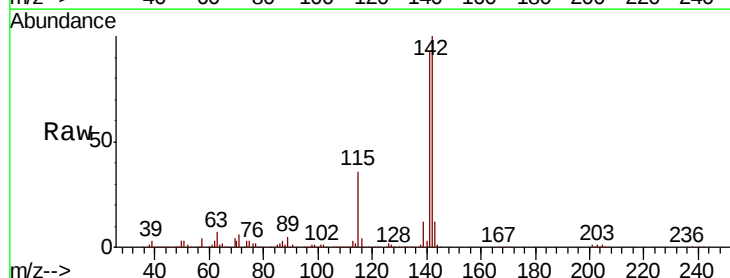
Tgt Ion:142 Resp: 958815

Ion Ratio Lower Upper

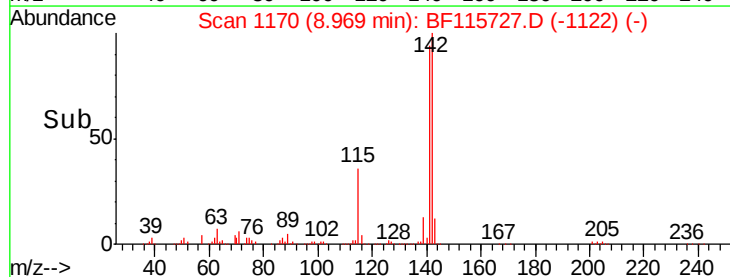
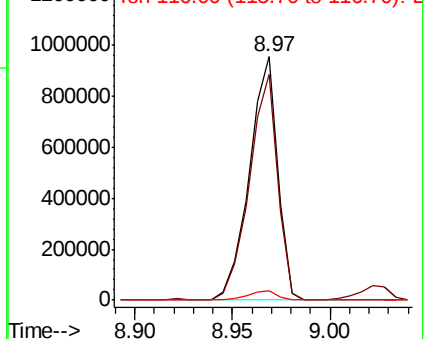
142 100

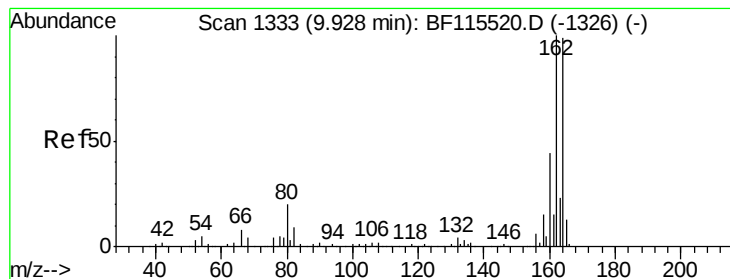
141 92.6 75.3 112.9

116 3.7 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

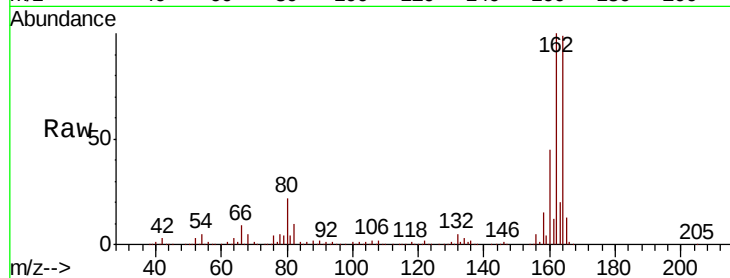
Tgt Ion:164 Resp: 380920

Ion Ratio Lower Upper

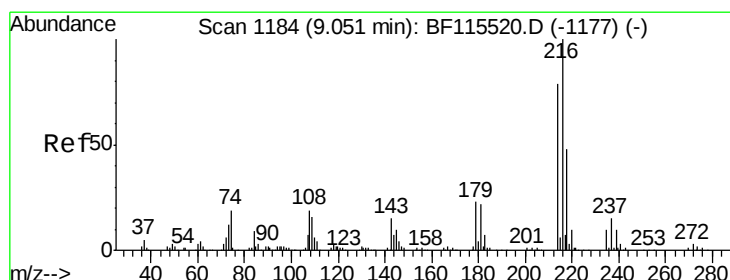
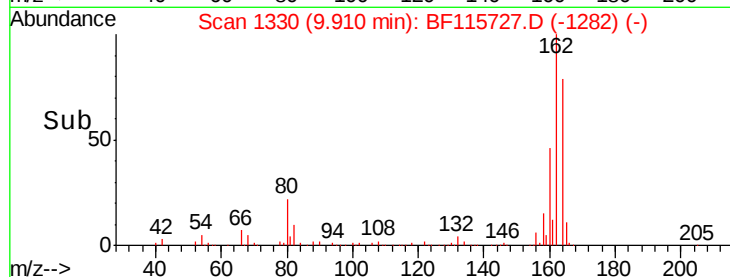
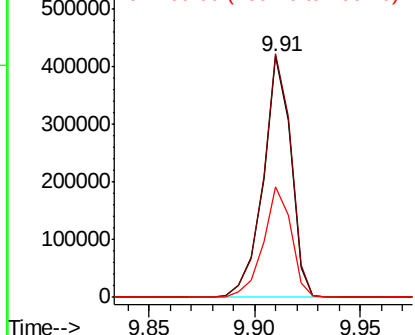
164 100

162 101.0 82.9 124.3

160 45.7 36.8 55.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.337 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Tgt Ion:216 Resp: 462704

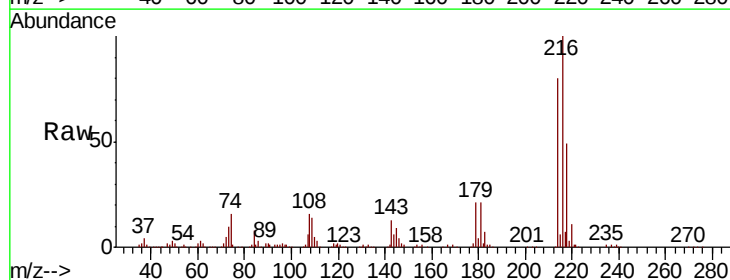
Ion Ratio Lower Upper

216 100

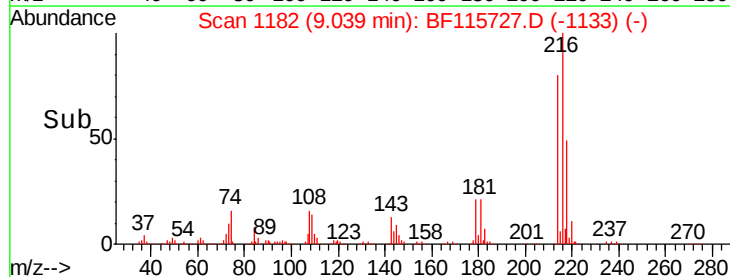
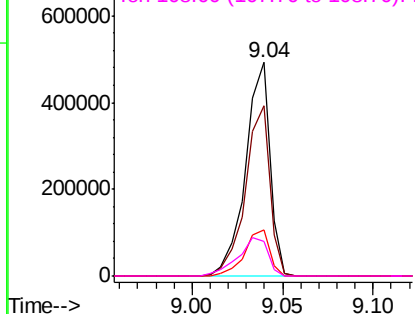
214 79.7 65.1 97.7

179 21.9 18.3 27.5

108 22.0 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.431 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

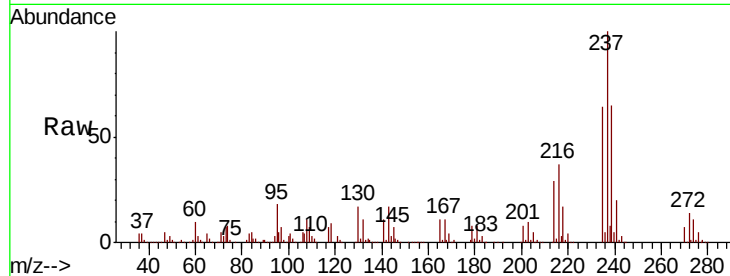
Tgt Ion:237 Resp: 493578

Ion Ratio Lower Upper

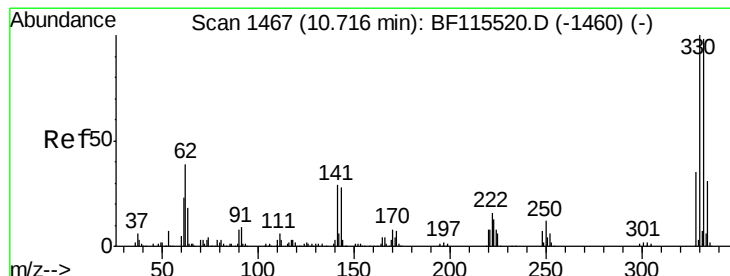
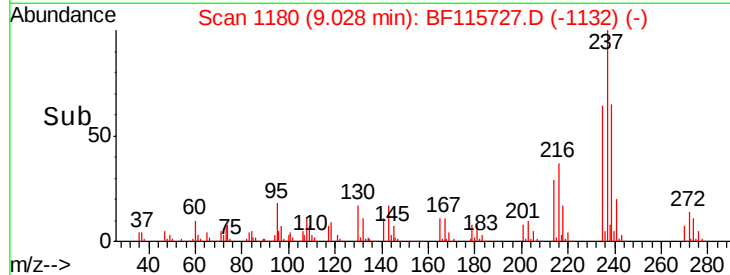
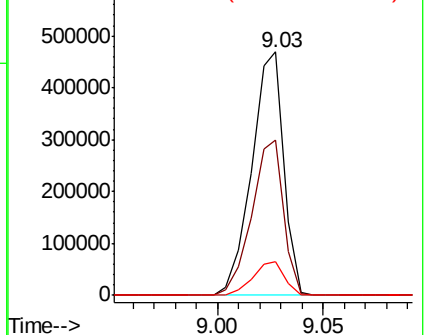
237 100

235 63.8 43.6 83.6

272 13.9 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 117.752 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

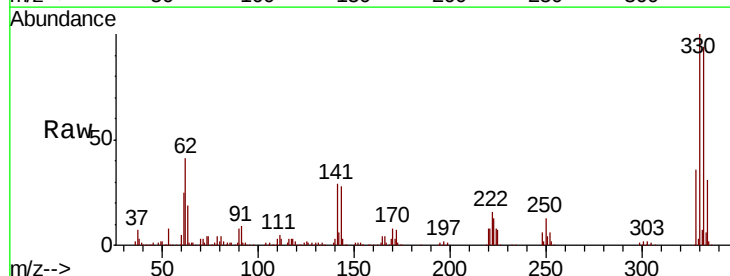
Tgt Ion:330 Resp: 523558

Ion Ratio Lower Upper

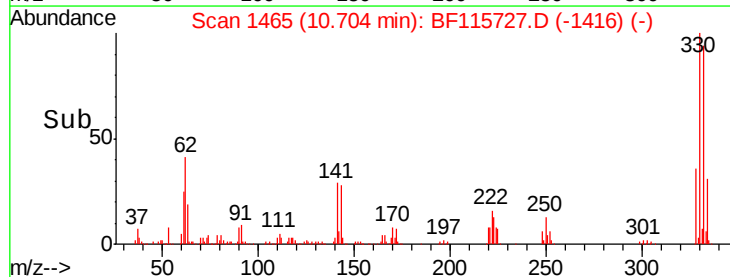
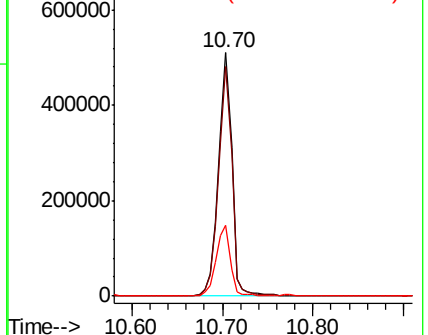
330 100

332 94.5 77.4 116.2

141 30.9 22.4 33.6



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

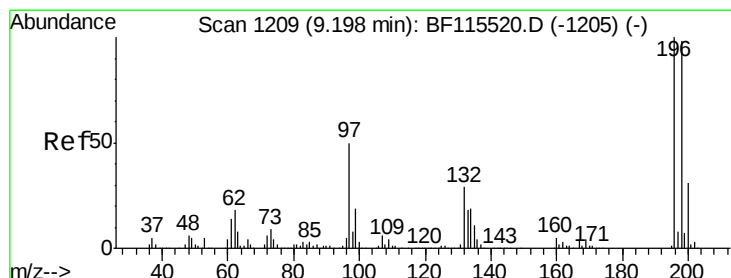
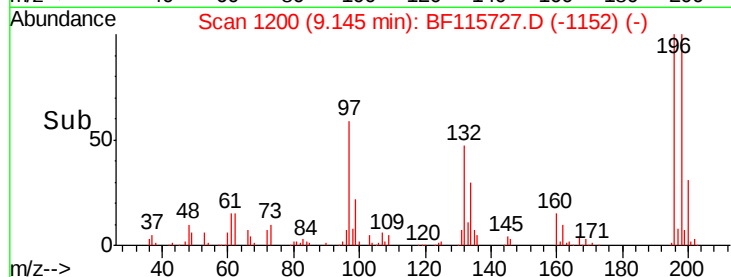
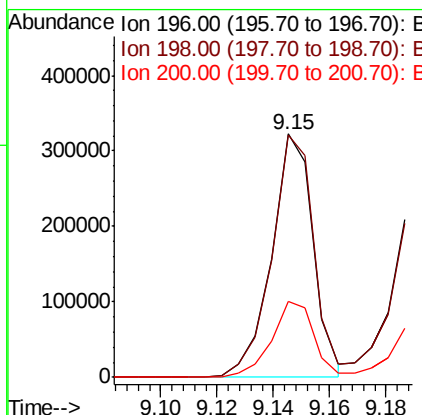
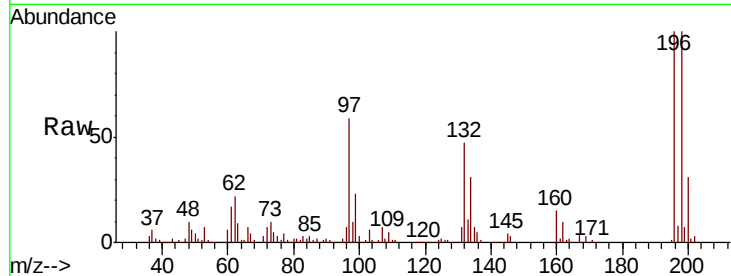




#43
 2,4,6-Trichlorophenol
 Concen: 39.231 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

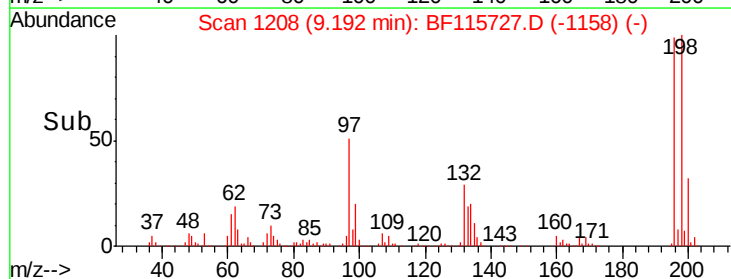
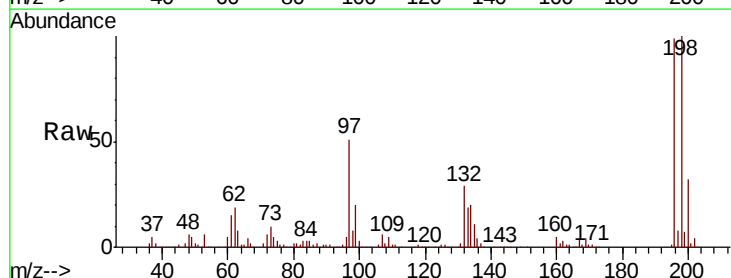
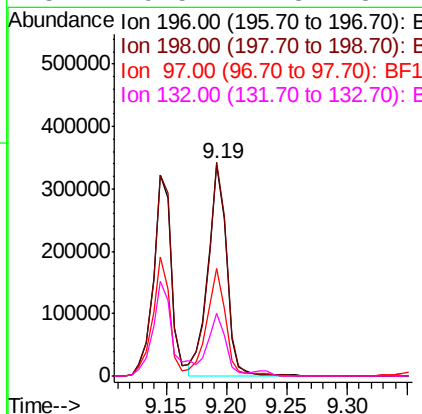
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

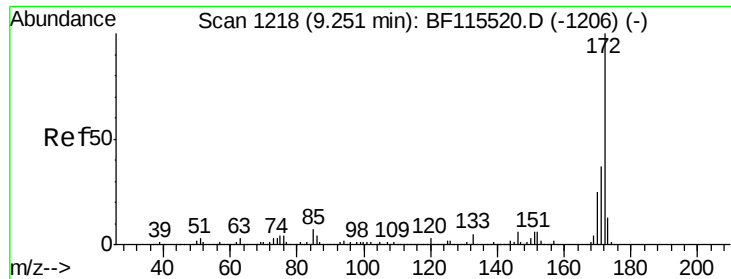
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	80.6	121.0
200	31.3	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.916 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	79.6	119.4
97	51.0	37.8	56.6
132	29.5	22.8	34.2

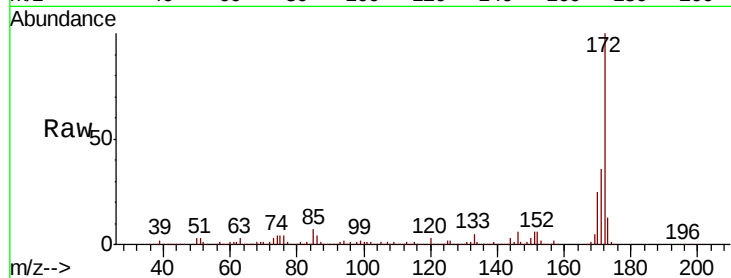




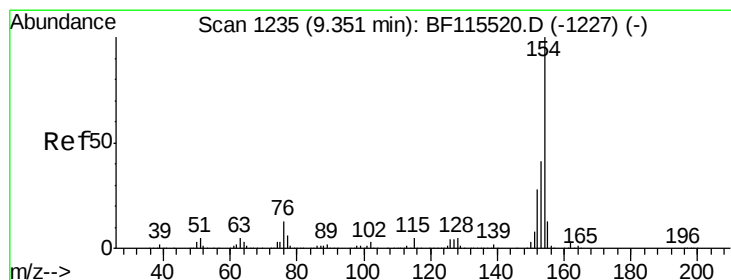
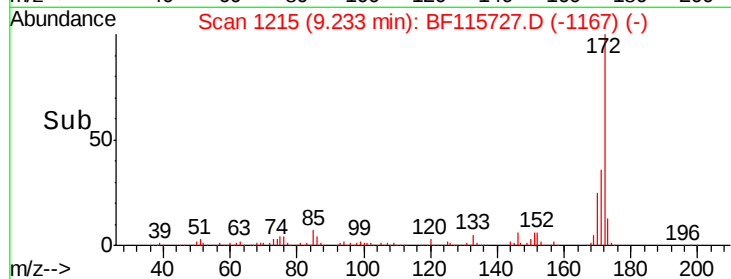
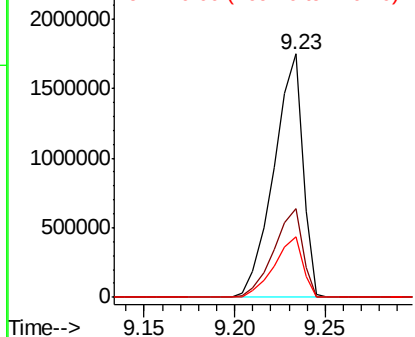
#45
 2-Fluorobiphenyl
 Concen: 89.314 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Tgt Ion:172 Resp: 1943764
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.6 46.0
 170 25.0 20.5 30.7

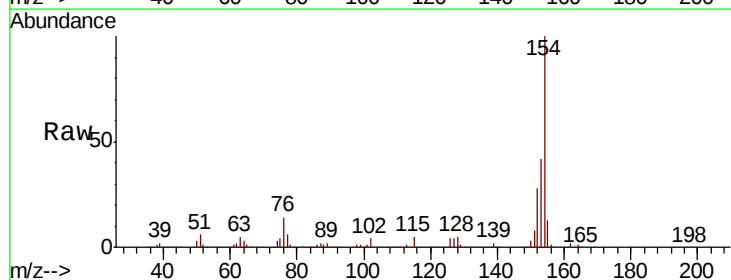


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

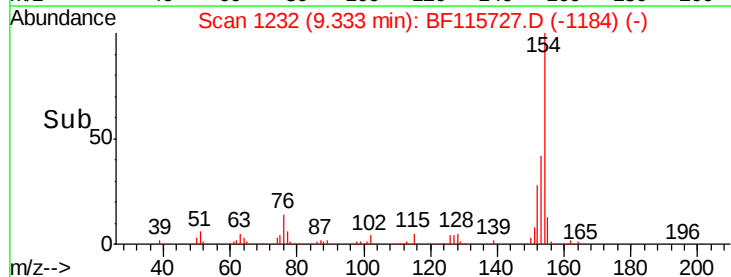
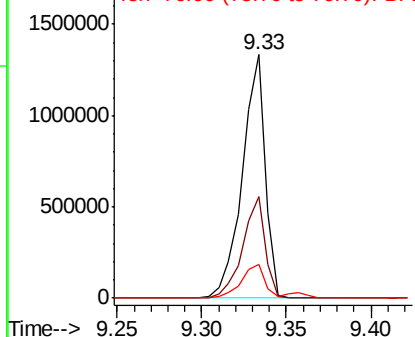


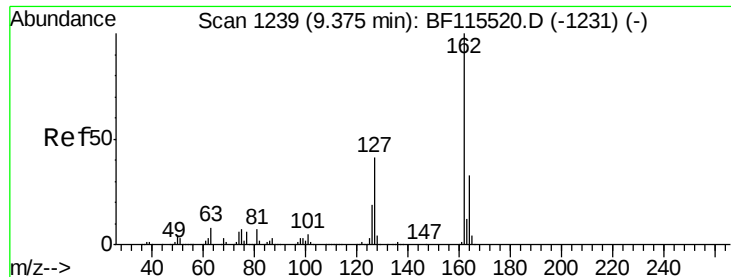
#46
 1,1'-Biphenyl
 Concen: 42.477 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:154 Resp: 1264964
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.6 62.6
 76 13.7 0.0 33.4



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





#47

2-Chloronaphthalene

Concen: 40.251 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

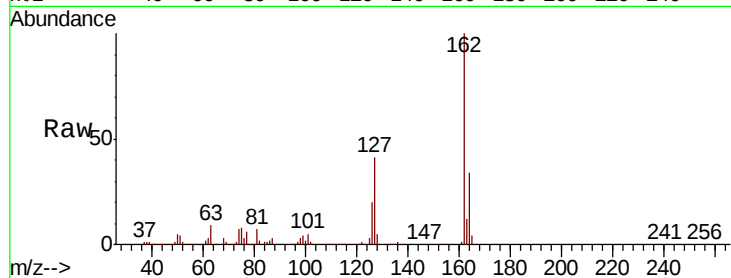
Tgt Ion:162 Resp: 998086

Ion Ratio Lower Upper

162 100

127 41.3 34.1 51.1

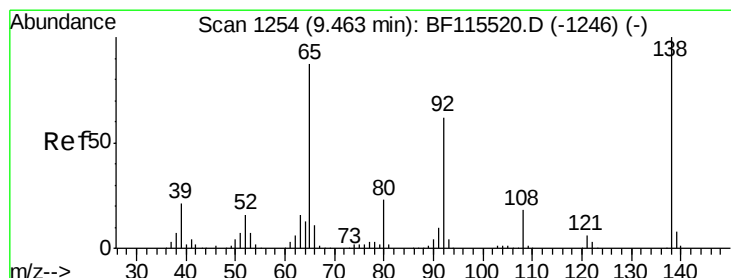
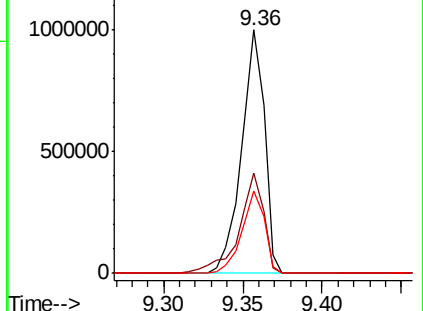
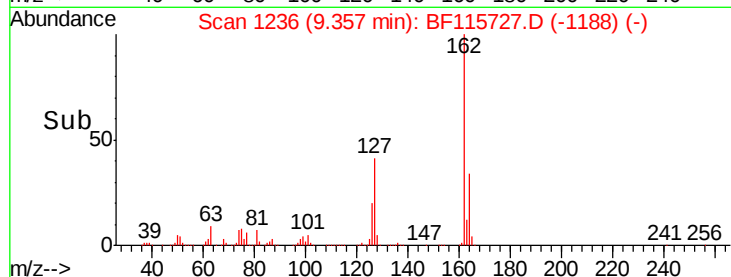
164 33.9 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.909 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

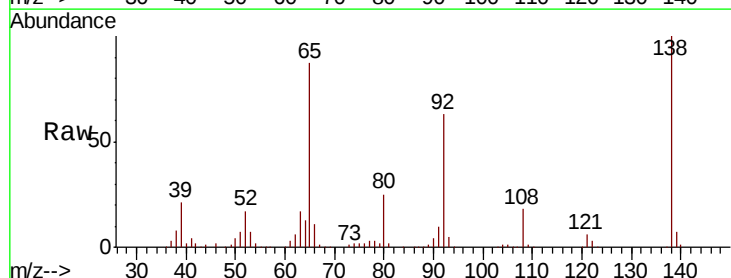
Tgt Ion: 65 Resp: 313970

Ion Ratio Lower Upper

65 100

92 71.9 57.8 86.6

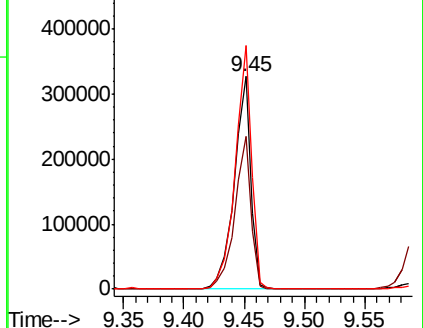
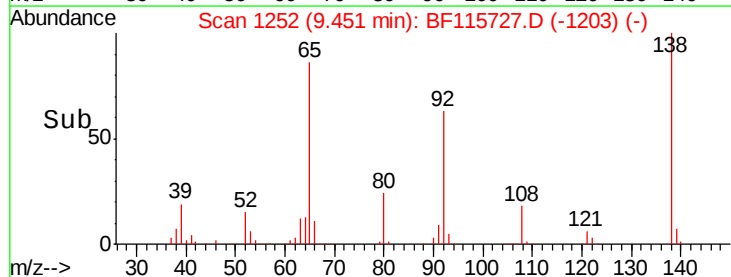
138 114.6 91.2 136.8

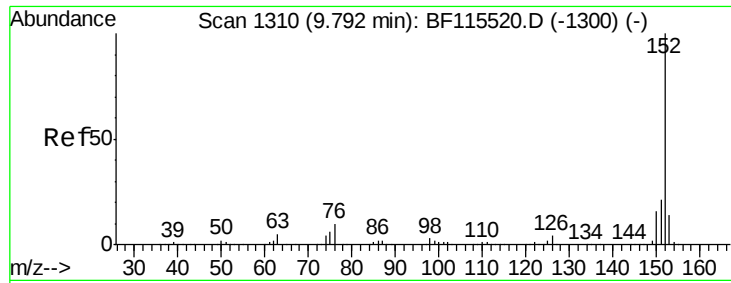


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.716 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

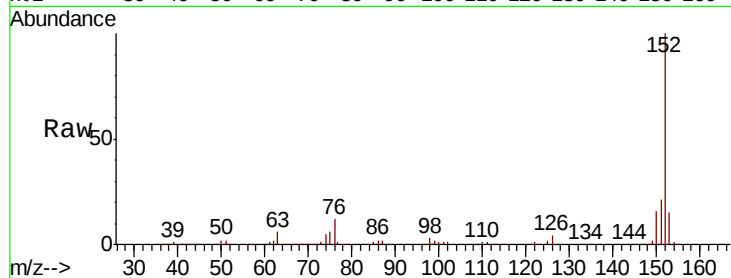
Tgt Ion:152 Resp: 1532735

Ion Ratio Lower Upper

152 100

151 21.5 17.7 26.5

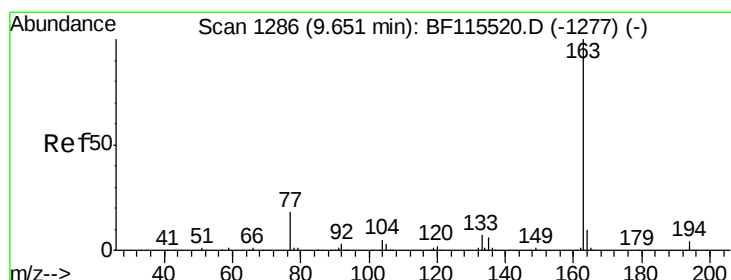
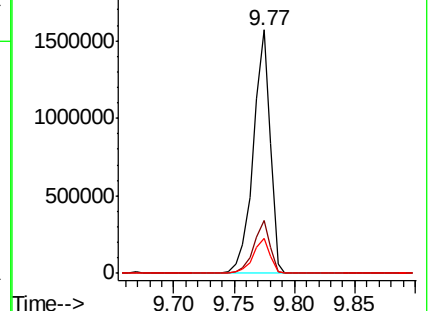
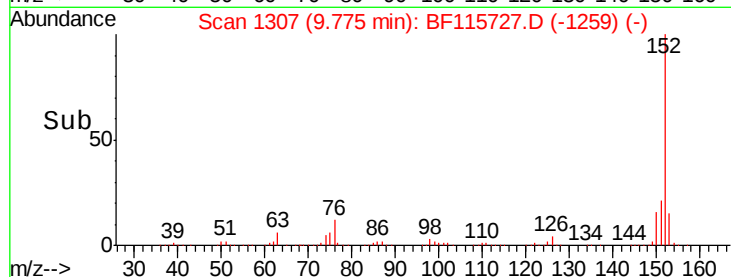
153 14.6 12.0 18.0



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: 46.247 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

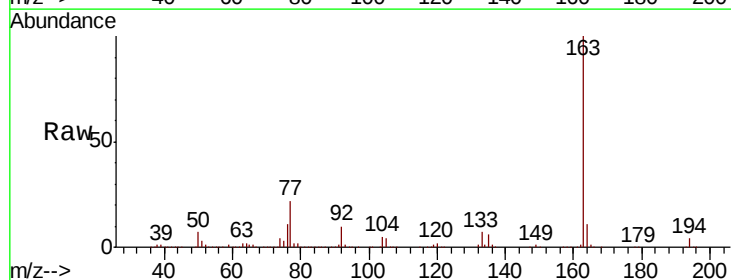
Tgt Ion:163 Resp: 1325416

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

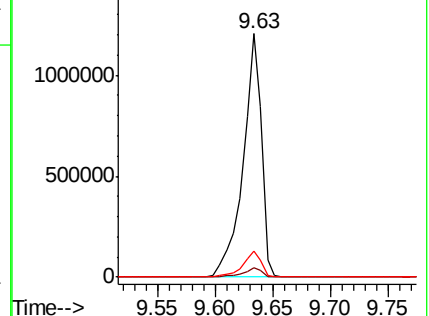
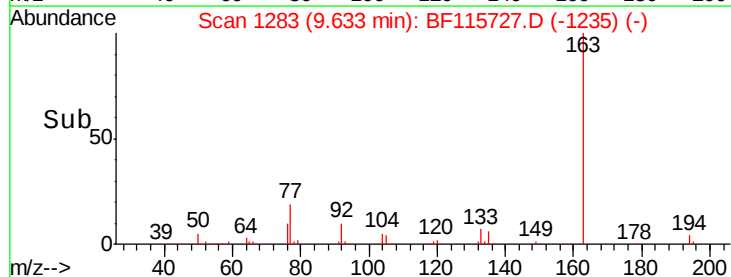
164 10.5 8.7 13.1

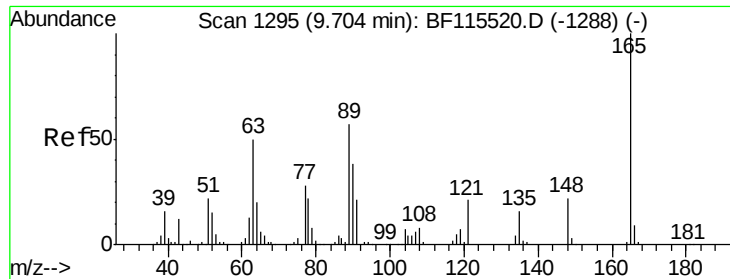


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.527 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

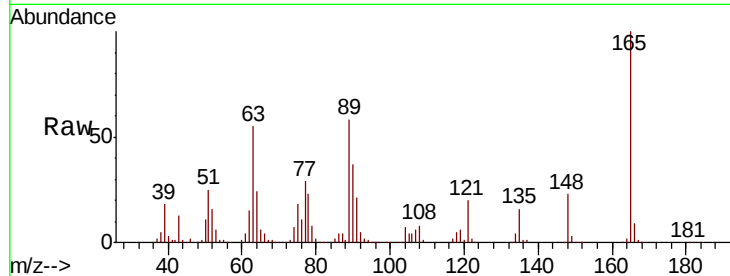
Tgt Ion:165 Resp: 276981

Ion Ratio Lower Upper

165 100

63 55.0 40.6 61.0

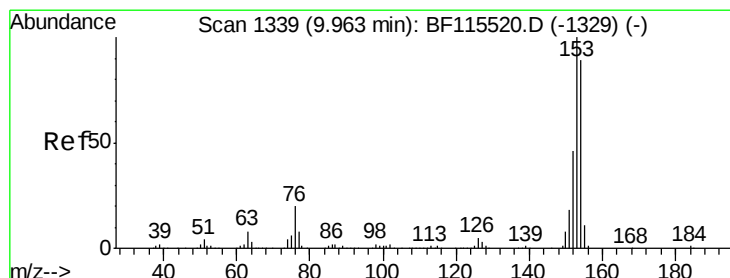
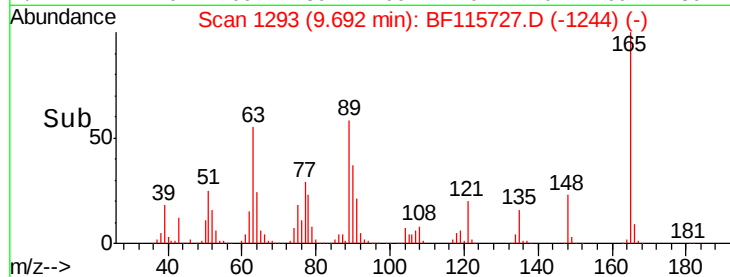
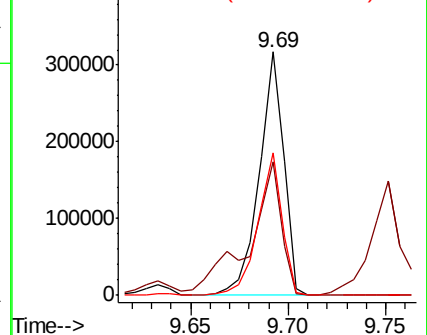
89 58.3 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.811 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

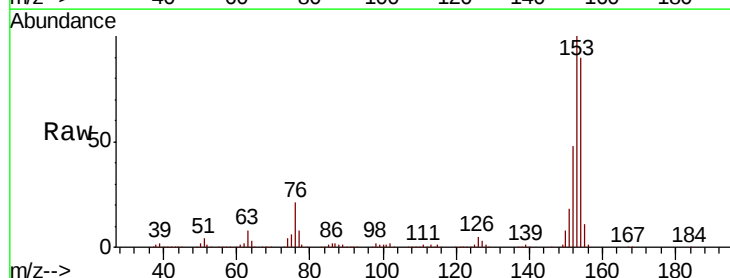
Tgt Ion:154 Resp: 944359

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

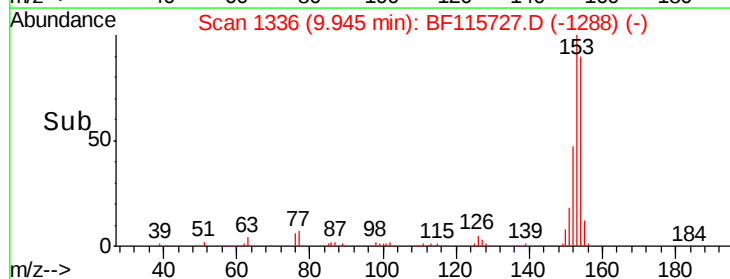
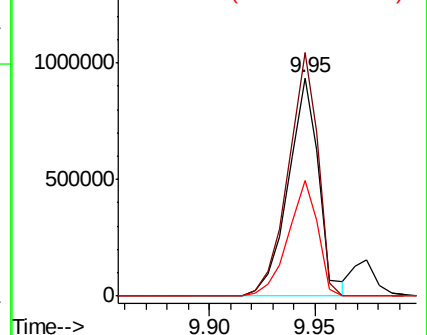
152 53.2 42.3 63.5

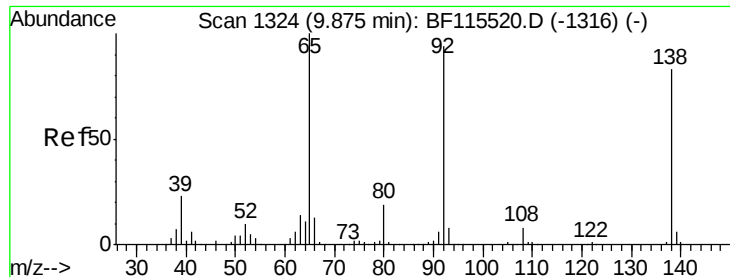


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

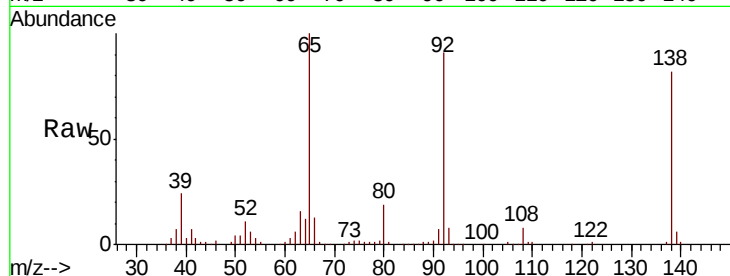




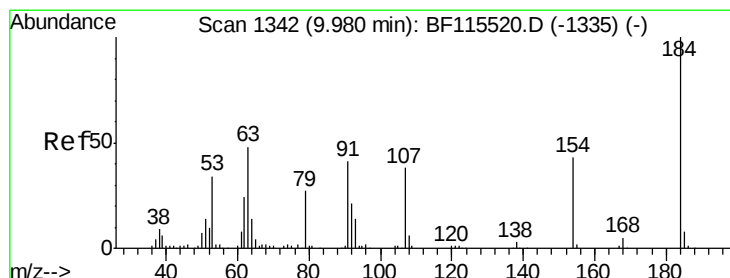
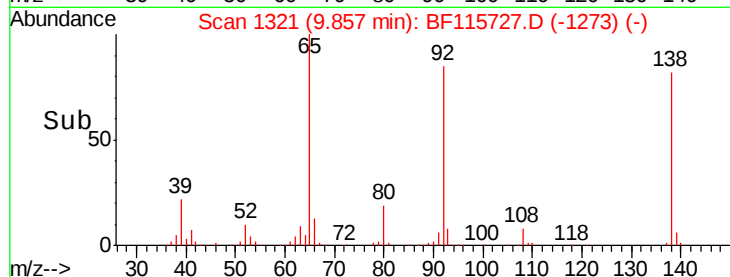
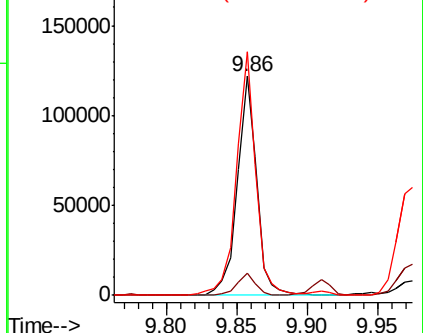
#53
 3-Nitroaniline
 Concen: 15.671 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Tgt Ion:138 Resp: 116634
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.4 12.6
 92 111.2 88.0 132.0

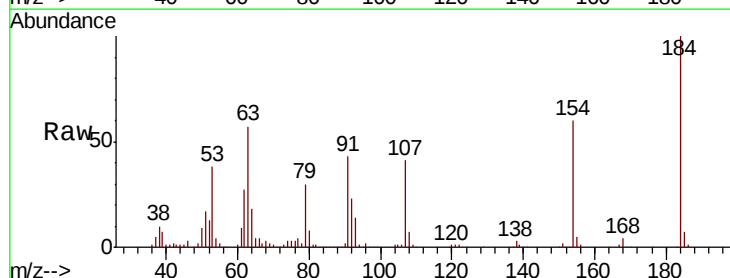


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

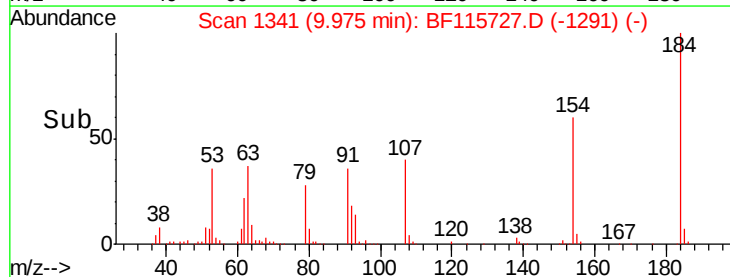
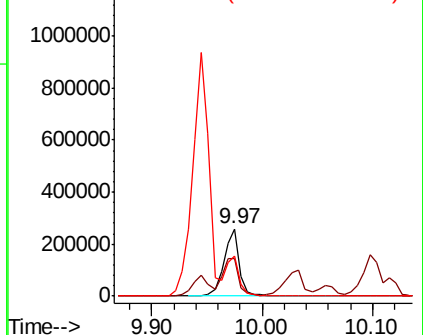


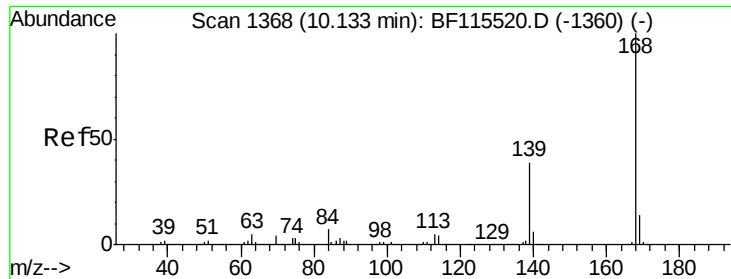
#54
 2,4-Dinitrophenol
 Concen: 75.883 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:184 Resp: 253744
 Ion Ratio Lower Upper
 184 100
 63 56.5 48.7 73.1
 154 60.4 48.6 73.0



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

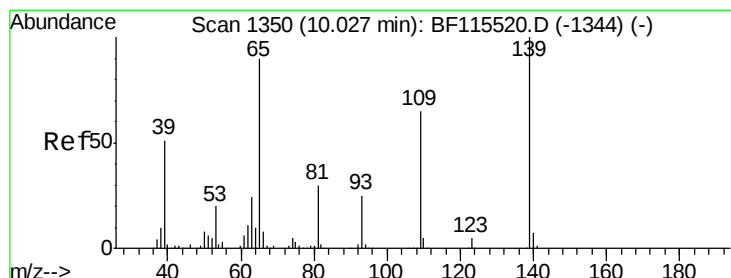
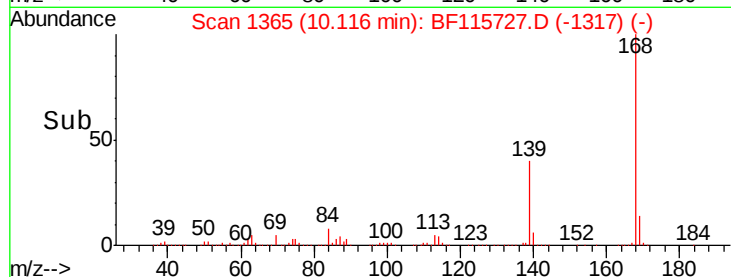
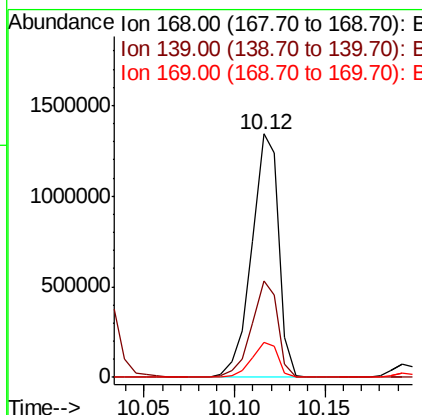
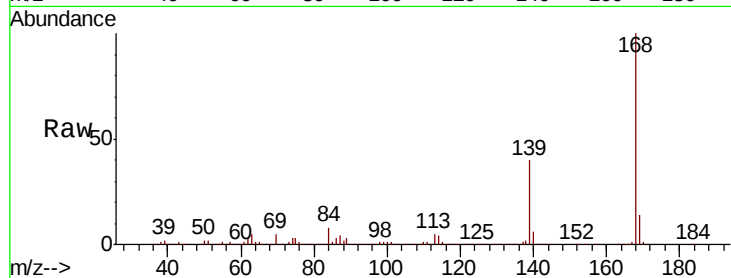




#55
Dibenzenofuran
Concen: 41.119 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

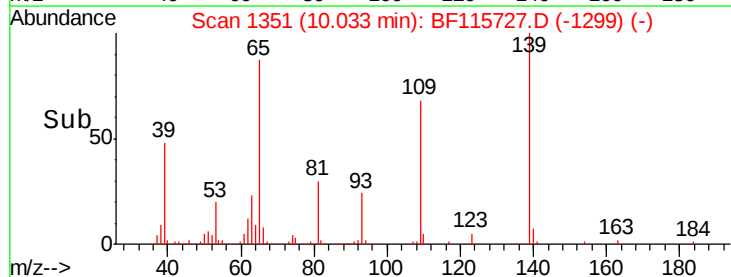
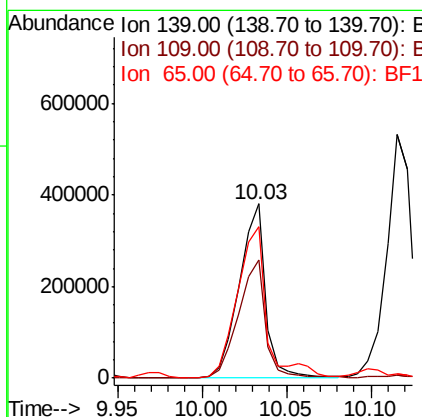
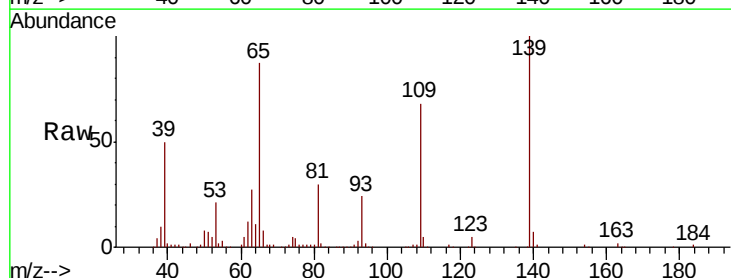
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

Tgt Ion:168 Resp: 1385187
Ion Ratio Lower Upper
168 100
139 39.6 31.1 46.7
169 14.3 11.1 16.7



#56
4-Nitrophenol
Concen: 73.218 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:139 Resp: 415550
Ion Ratio Lower Upper
139 100
109 67.9 46.4 86.4
65 87.0 68.9 108.9





#57

2,4-Dinitrotoluene

Concen: 45.131 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tgt Ion:165 Resp: 380812

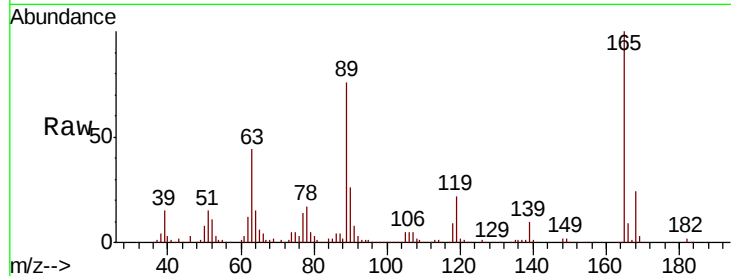
Ion Ratio Lower Upper

165 100

63 43.9 34.9 52.3

89 75.6 57.5 86.3

182 2.4 2.2 3.4

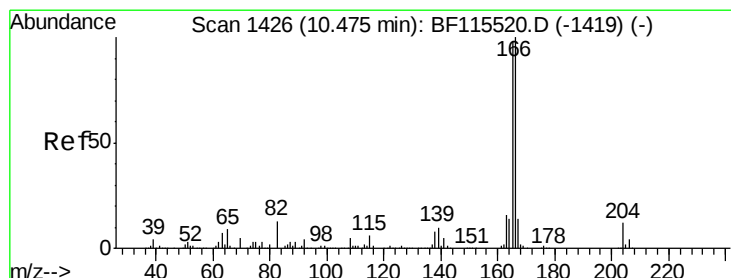
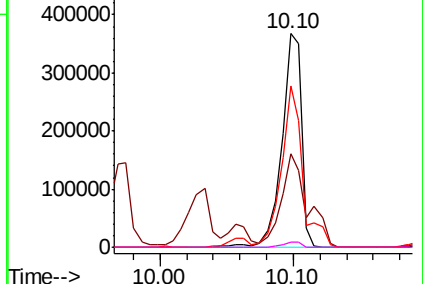
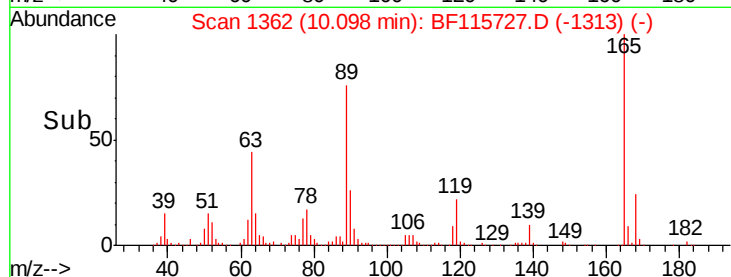


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.159 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

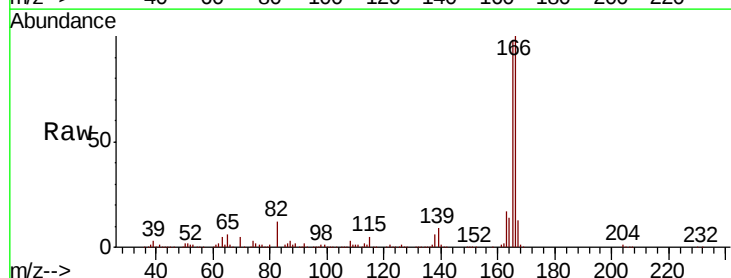
Tgt Ion:166 Resp: 1039363

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.6

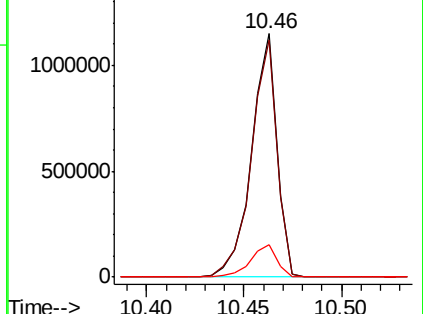
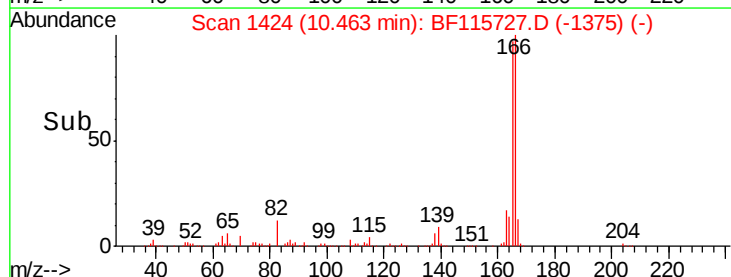
167 13.5 11.2 16.8



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

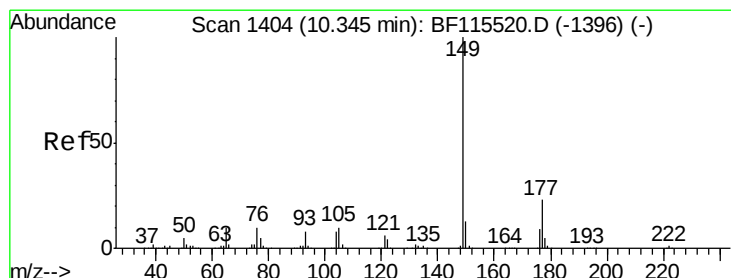
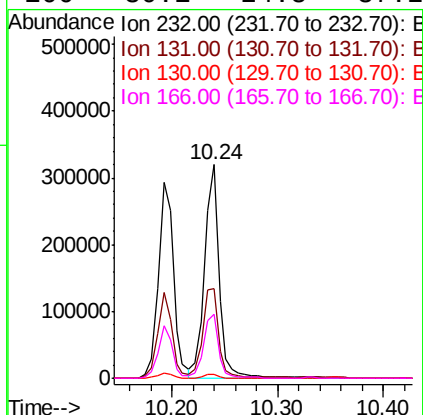
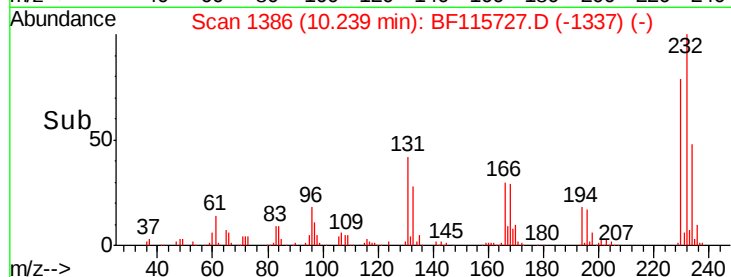
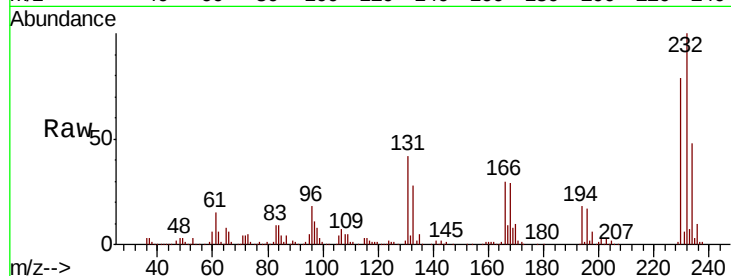




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.425 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

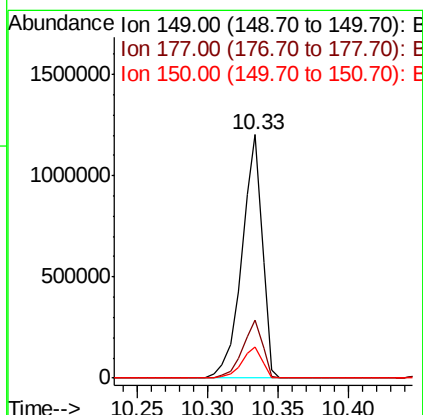
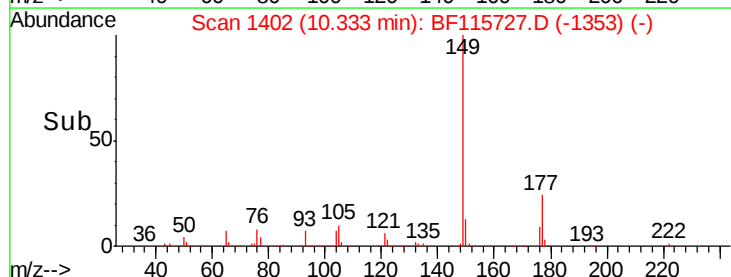
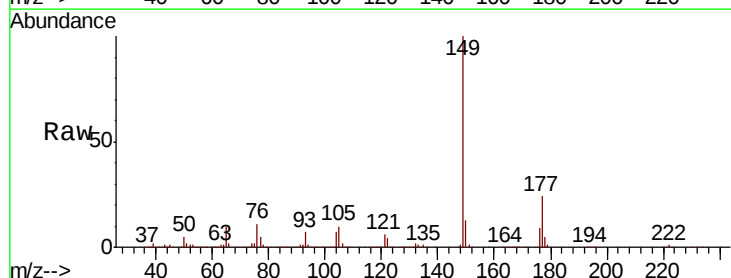
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

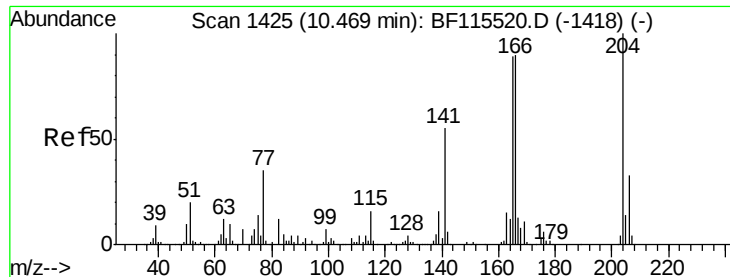
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.9	53.9
130	2.3	1.8	2.6
166	30.1	24.8	37.2



#60
Diethylphthalate
Concen: 44.657 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.5	29.3
150	13.0	10.4	15.6

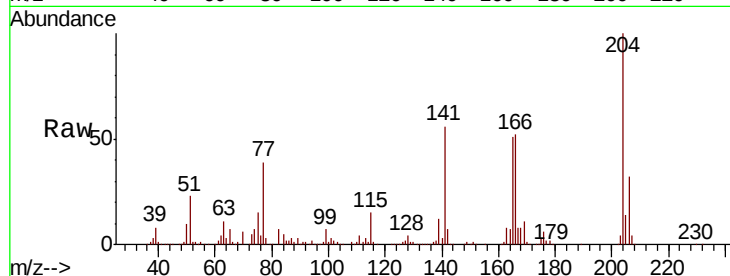




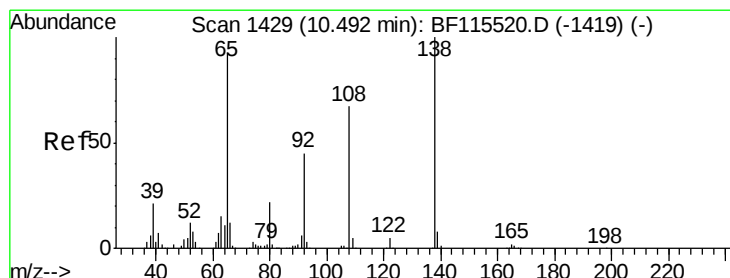
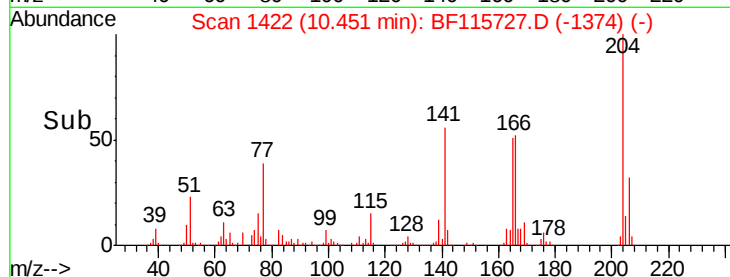
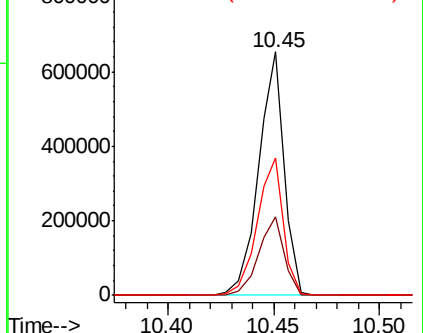
#61
4-Chlorophenyl-phenylether
Concen: 40.845 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

Tgt Ion: 204 Resp: 545491
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 56.3 44.2 66.2

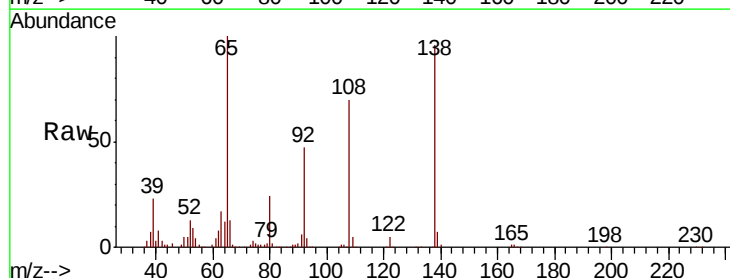


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

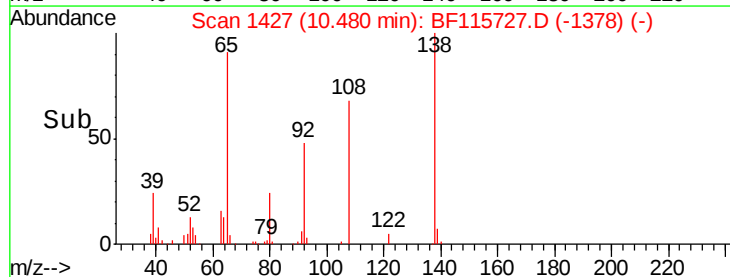
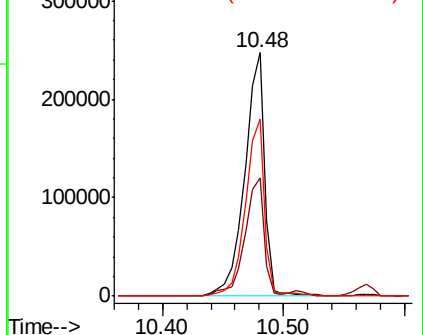


#62
4-Nitroaniline
Concen: 40.030 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion: 138 Resp: 285785
Ion Ratio Lower Upper
138 100
92 48.6 27.1 67.1
108 72.7 48.0 88.0



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

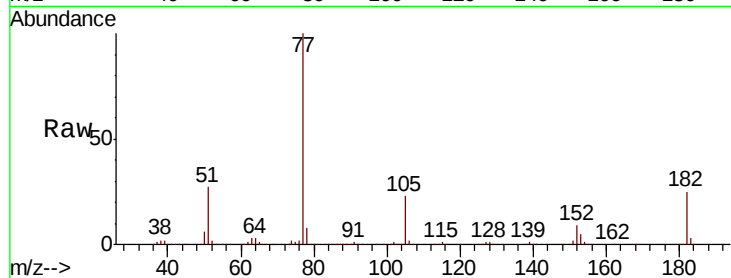




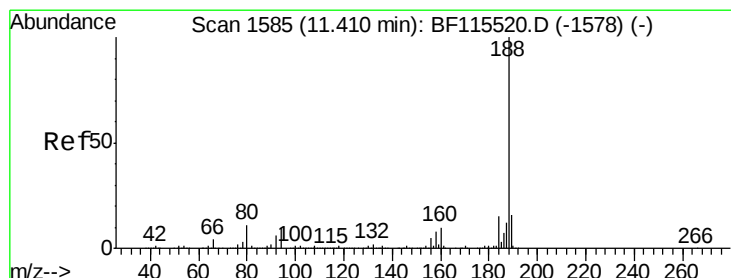
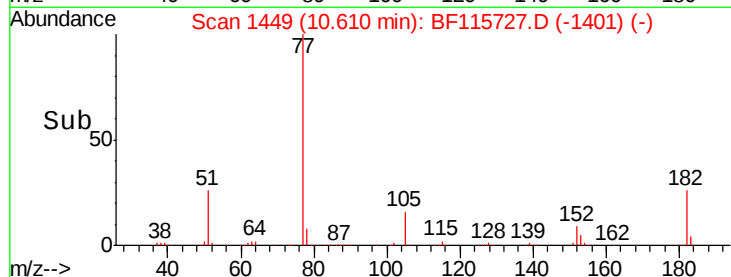
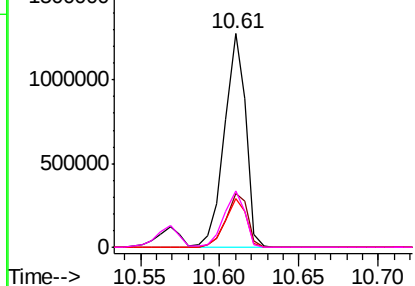
#63
Azobenzene
Concen: 45.490 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

Tgt Ion: 77 Resp: 1184833
Ion Ratio Lower Upper
77 100
182 25.0 6.9 46.9
105 22.8 3.9 43.9
51 26.5 7.3 47.3

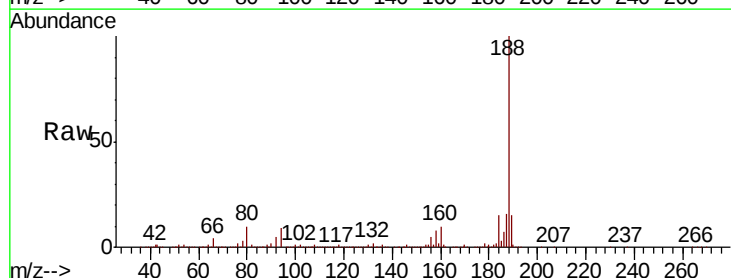


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000 Ion 182.00 (181.70 to 182.70): E
1500000 Ion 105.00 (104.70 to 105.70): E
1000000 Ion 51.00 (50.70 to 51.70): BF1
500000
0

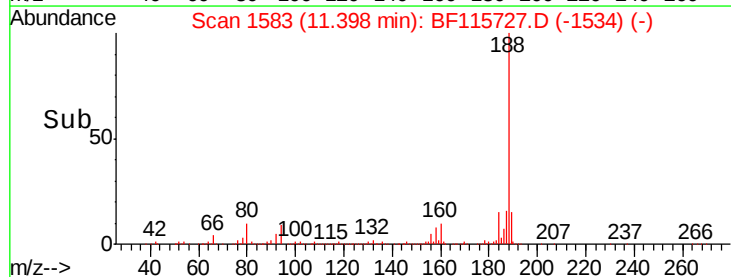
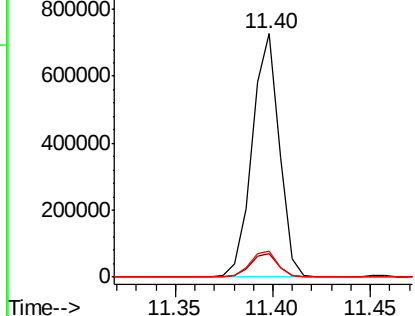


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion: 188 Resp: 699560
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
1000000 Ion 94.00 (93.70 to 94.70): BF1
800000 Ion 80.00 (79.70 to 80.70): BF1
600000
400000
200000
0

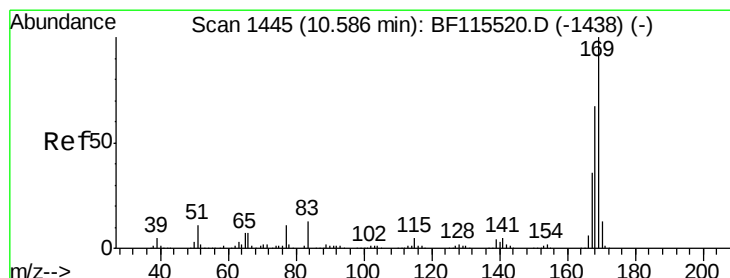
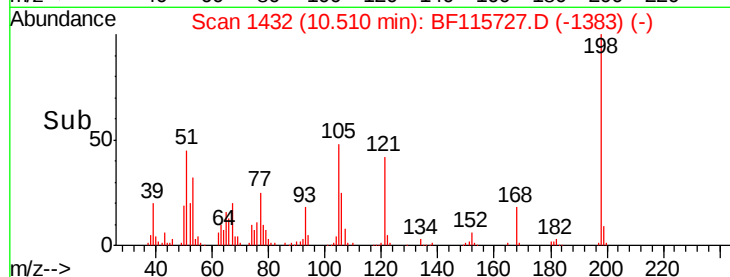
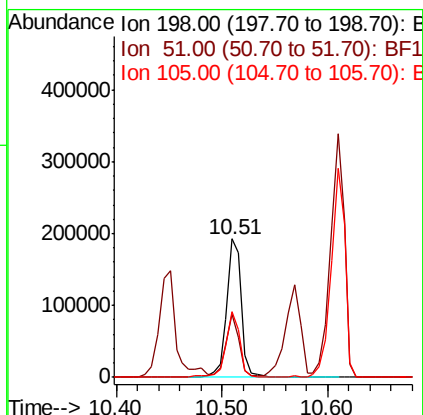
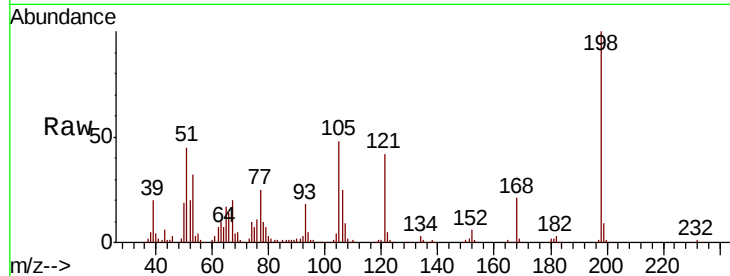




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.407 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

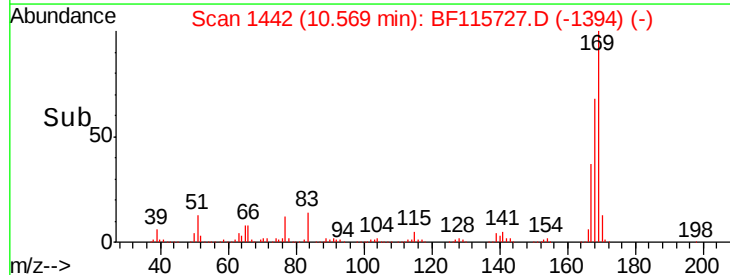
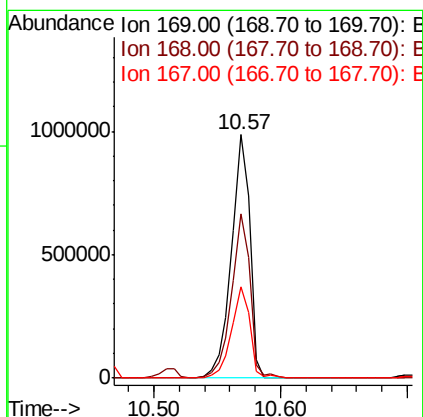
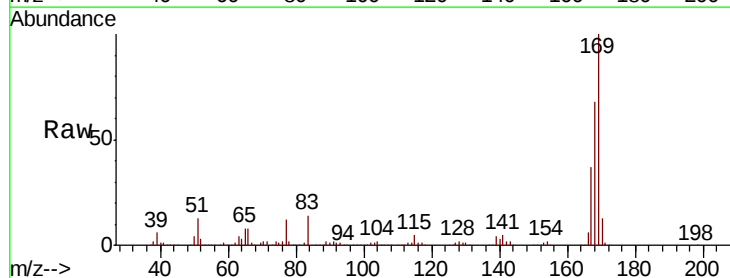
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Tgt Ion:198 Resp: 185523
 Ion Ratio Lower Upper
 198 100
 51 45.3 19.1 59.1
 105 47.5 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 45.242 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:169 Resp: 984509
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.3 81.5
 167 37.4 30.2 45.2

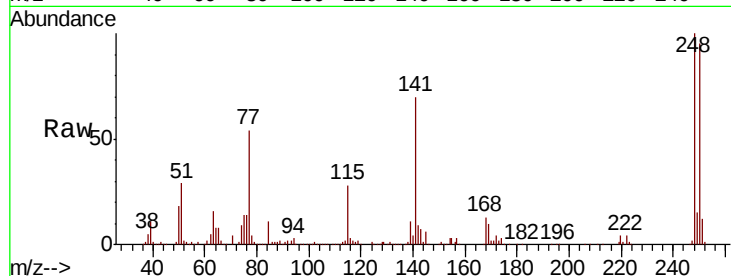




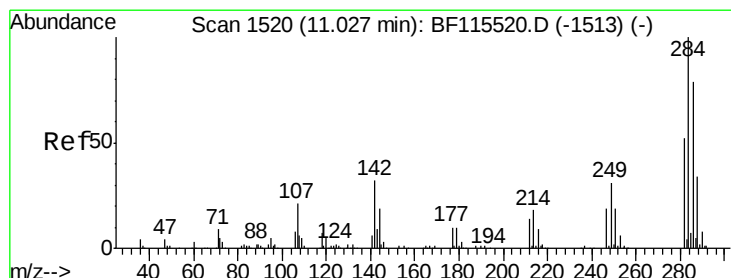
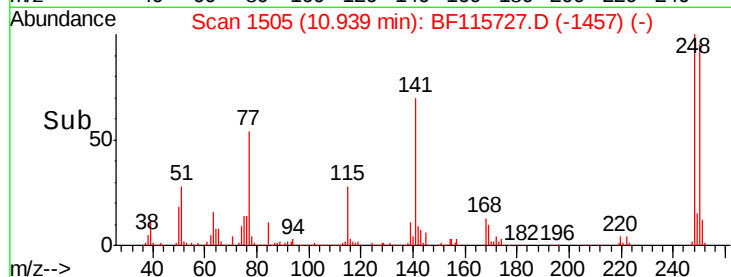
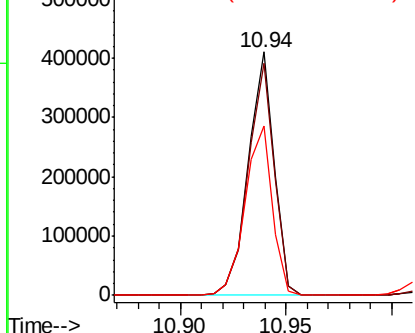
#67
 4-Bromophenyl-phenylether
 Concen: 43.906 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Tgt Ion: 248 Resp: 351002
 Ion Ratio Lower Upper
 248 100
 250 95.4 78.0 117.0
 141 69.5 57.7 86.5

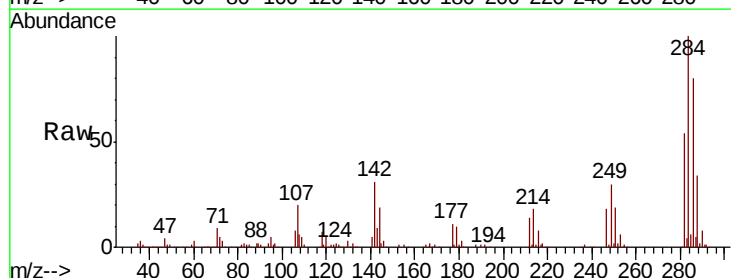


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

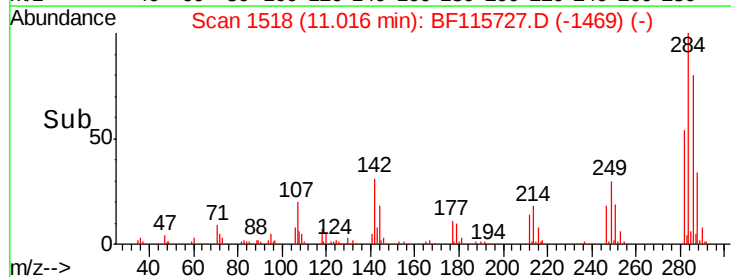
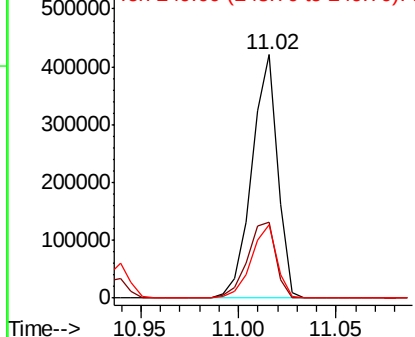


#68
 Hexachlorobenzene
 Concen: 42.247 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion: 284 Resp: 385698
 Ion Ratio Lower Upper
 284 100
 142 31.1 22.2 33.2
 249 30.1 23.4 35.2



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

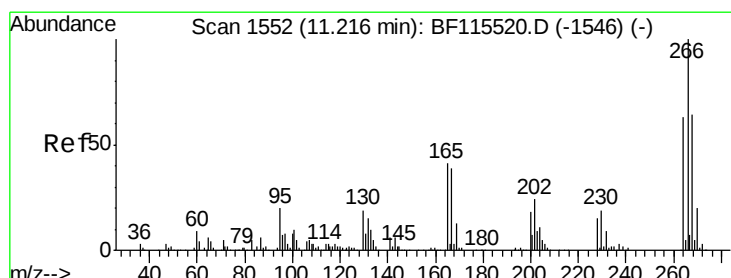
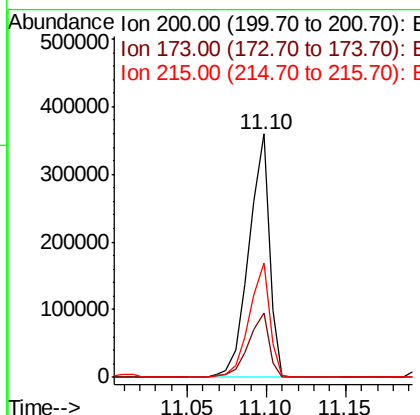
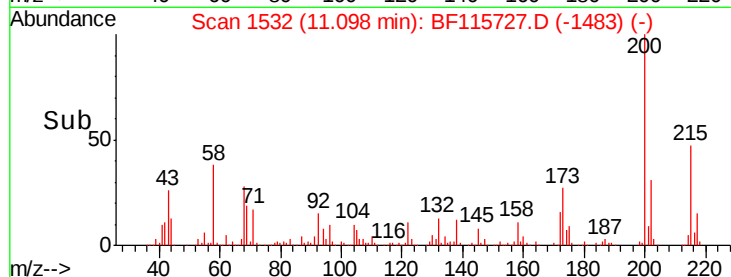
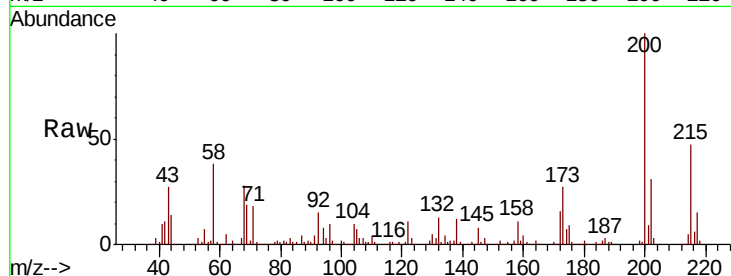




#69
 Atrazine
 Concen: 45.330 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

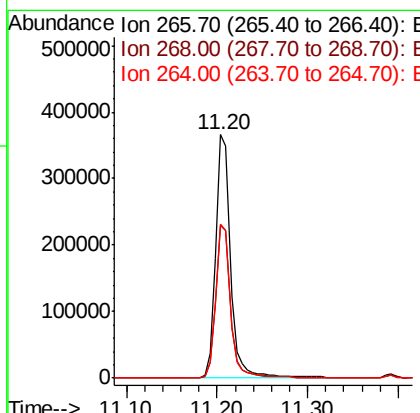
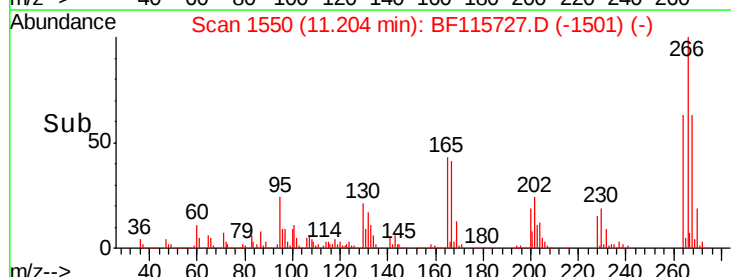
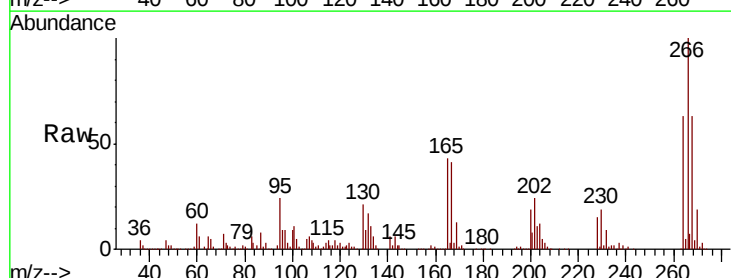
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

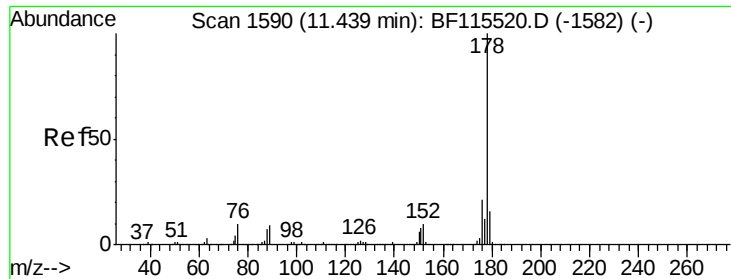
Tgt Ion:200 Resp: 323603
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.9 46.9
 215 46.8 27.9 67.9



#70
 Pentachlorophenol
 Concen: 74.896 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:266 Resp: 418204
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.6 77.4
 264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 44.661 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

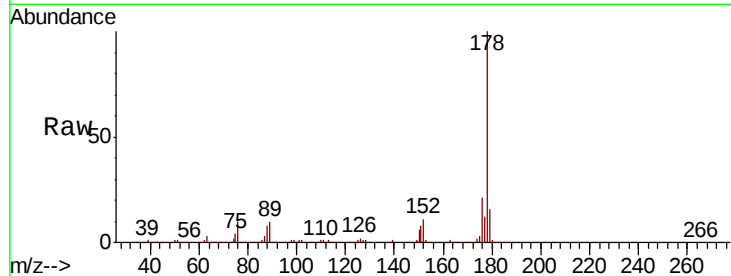
Tgt Ion:178 Resp: 1601472

Ion Ratio Lower Upper

178 100

176 20.7 17.2 25.8

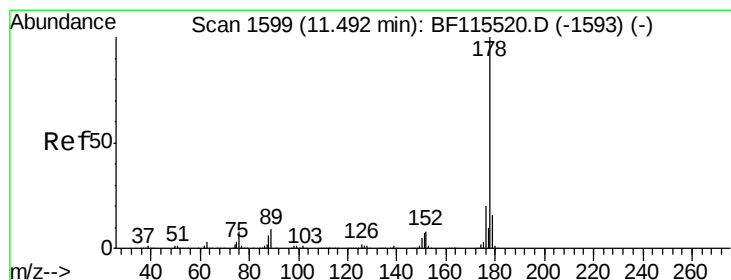
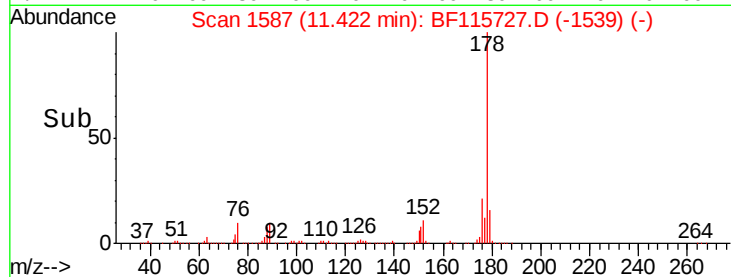
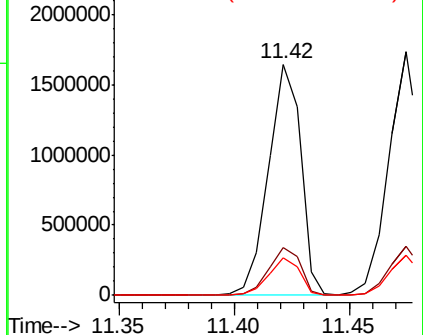
179 16.1 13.5 20.3



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: 44.422 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

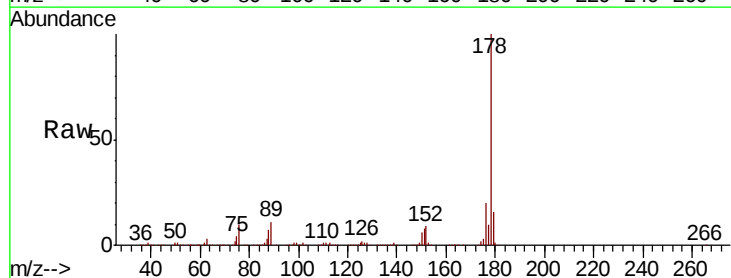
Tgt Ion:178 Resp: 1646240

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

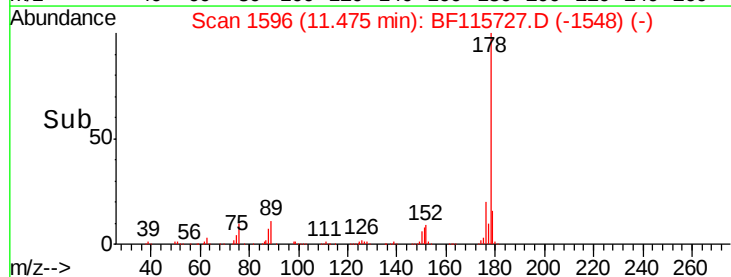
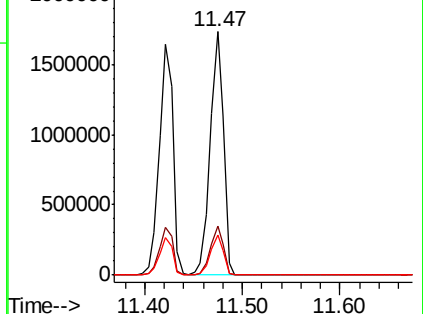
179 16.3 12.7 19.1

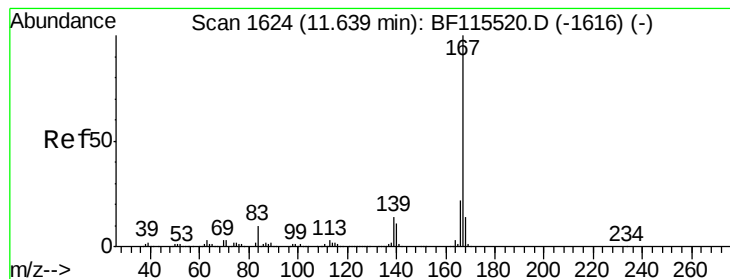


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.177 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

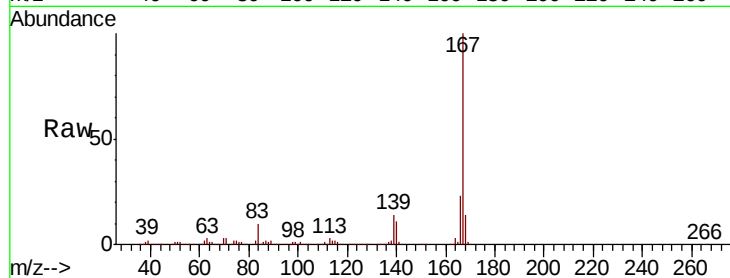
Tgt Ion:167 Resp: 1468150

Ion Ratio Lower Upper

167 100

166 22.9 18.1 27.1

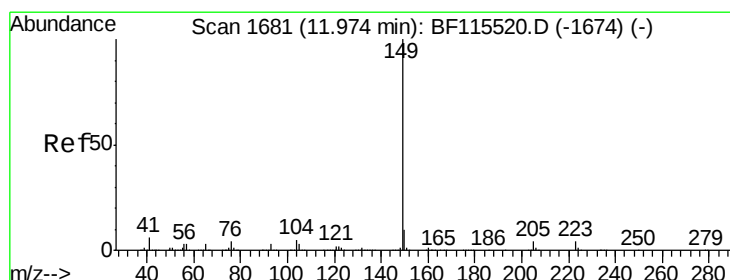
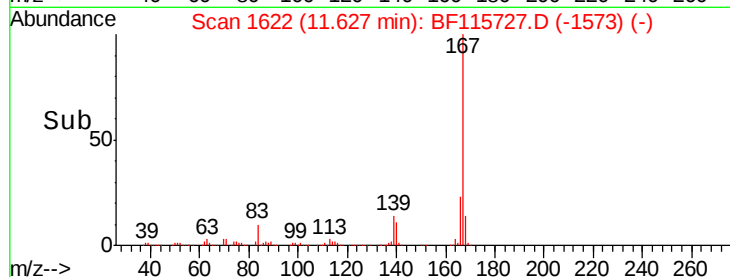
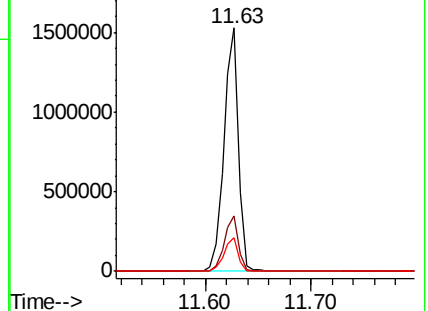
139 14.0 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.131 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

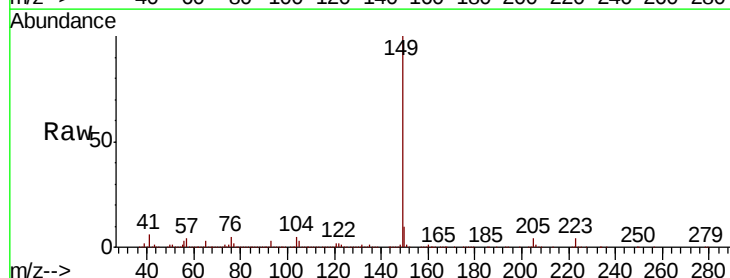
Tgt Ion:149 Resp: 1886642

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

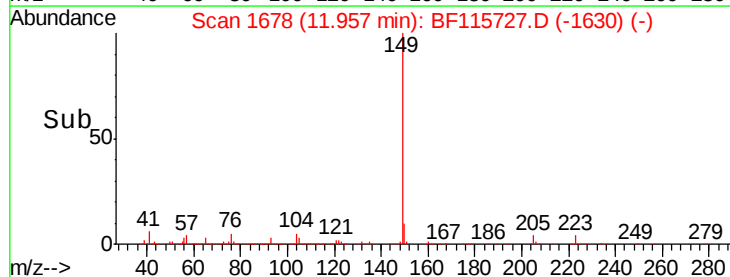
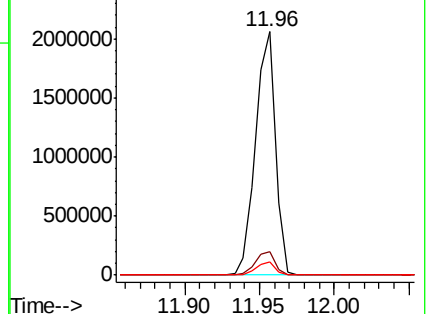
104 5.3 3.8 5.8

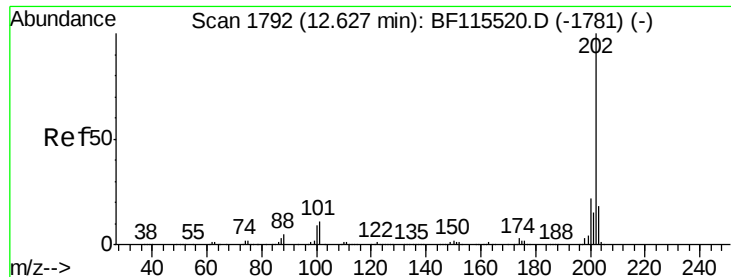


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.778 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

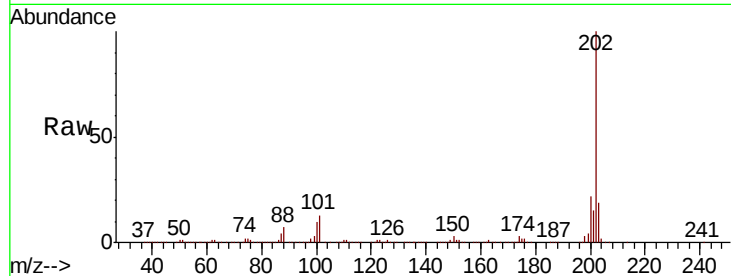
Tgt Ion:202 Resp: 1696776

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.4

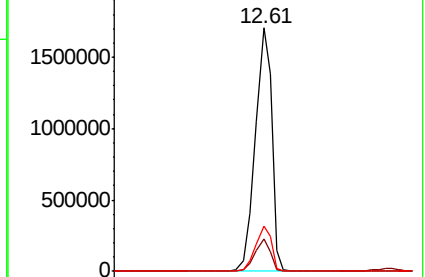
203 18.7 0.0 38.1



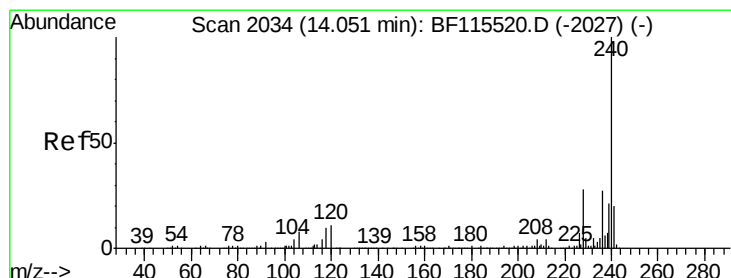
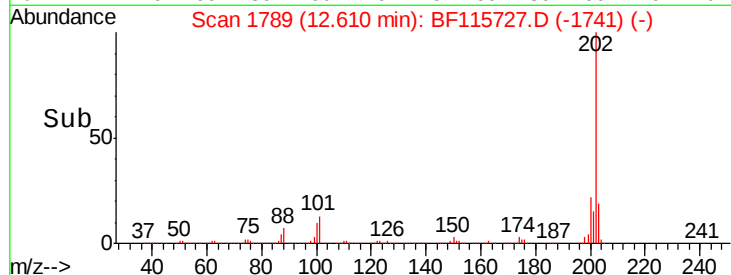
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

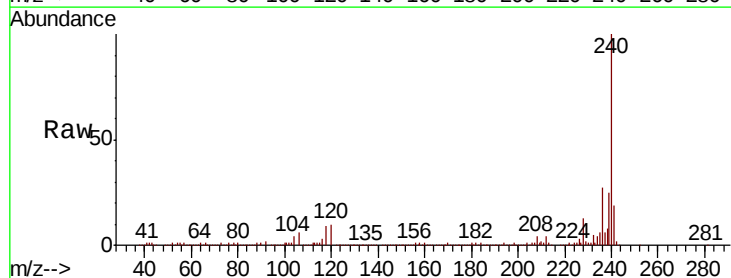
Tgt Ion:240 Resp: 475090

Ion Ratio Lower Upper

240 100

120 10.0 8.6 13.0

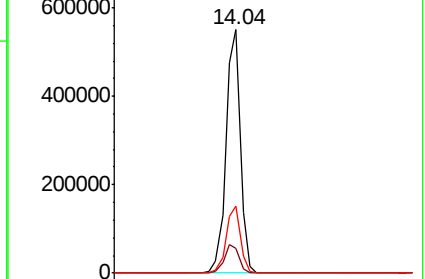
236 27.5 21.3 31.9



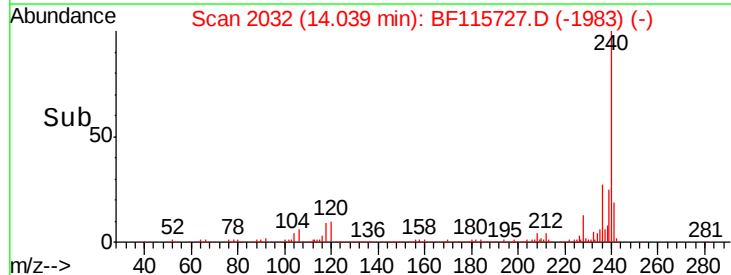
Abundance Ion 240.00 (239.70 to 240.70): E

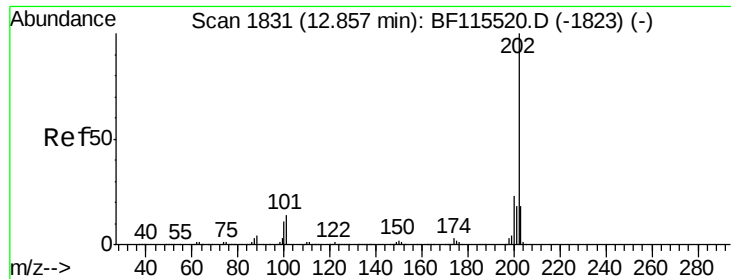
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

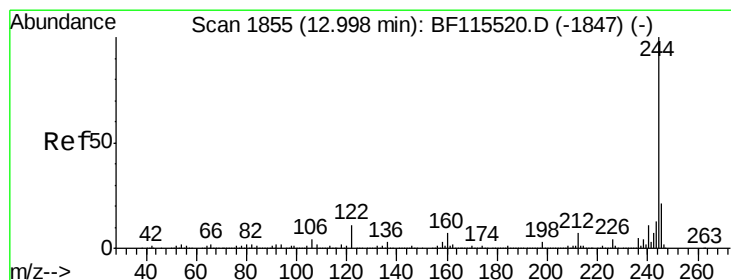
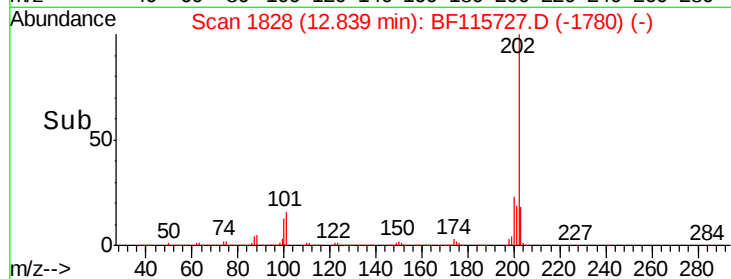
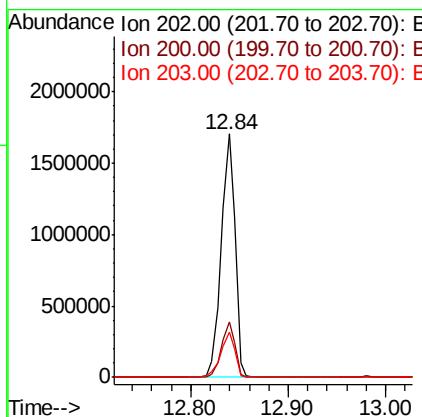
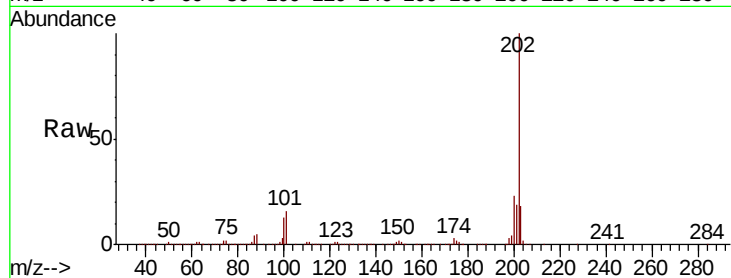




#78
 Pyrene
 Concen: 41.653 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

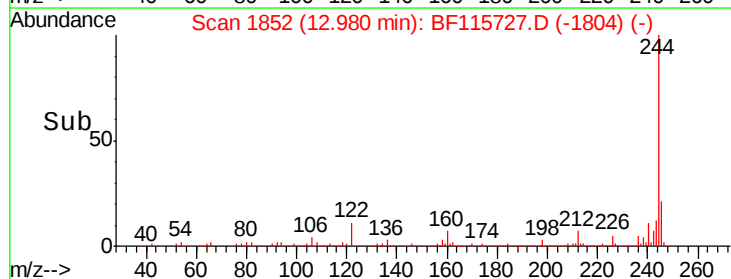
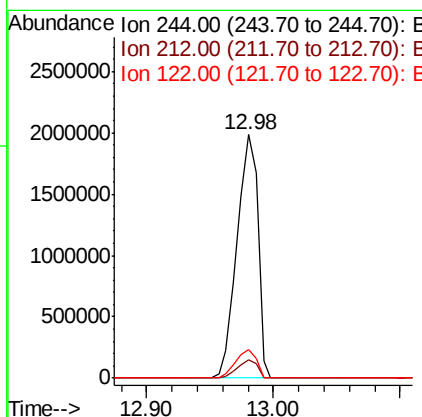
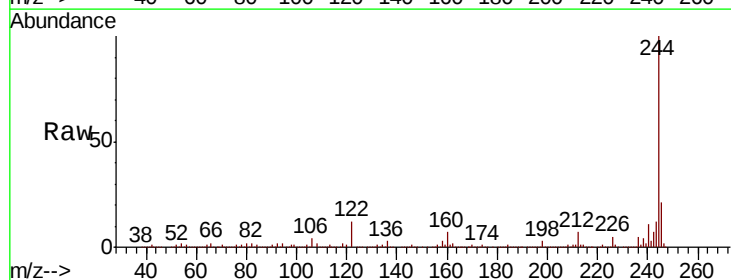
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

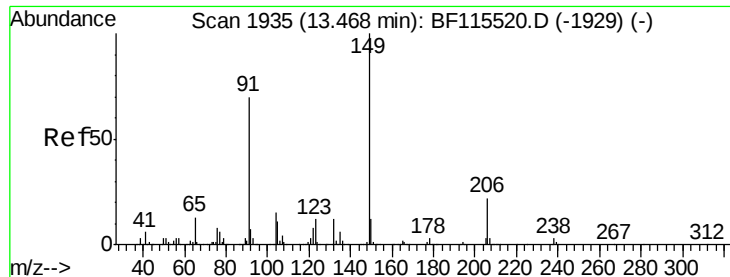
Tgt Ion: 202 Resp: 1676587
 Ion Ratio Lower Upper
 202 100
 200 22.7 18.7 28.1
 203 18.4 15.2 22.8



#79
 Terphenyl-d14
 Concen: 86.936 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion: 244 Resp: 2238418
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.5 8.6 12.8

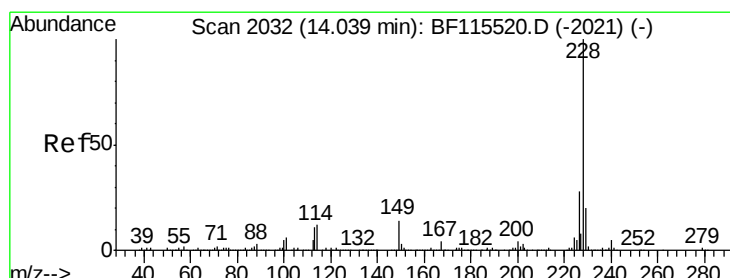
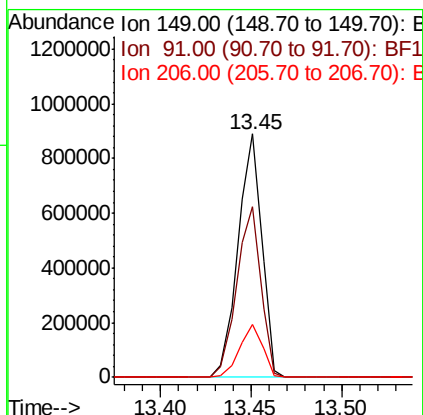
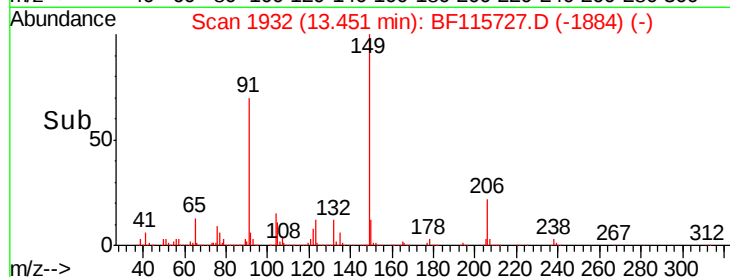
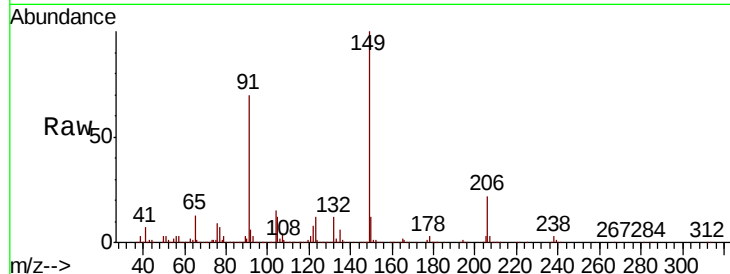




#80
Butylbenzylphthalate
Concen: 47.223 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

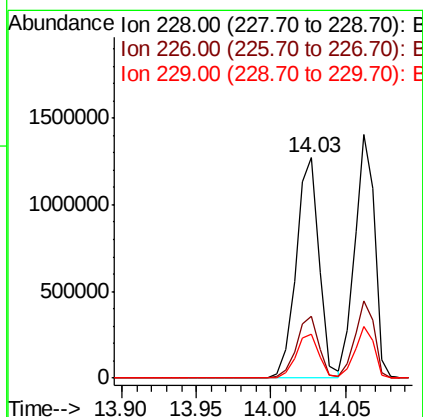
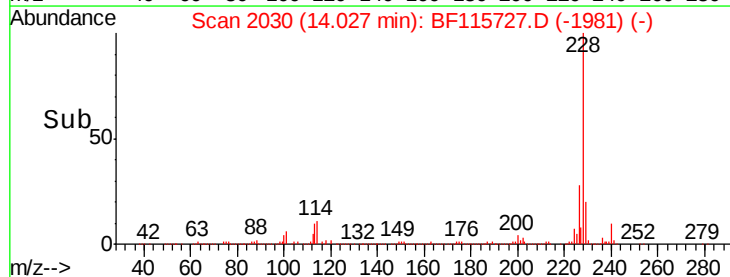
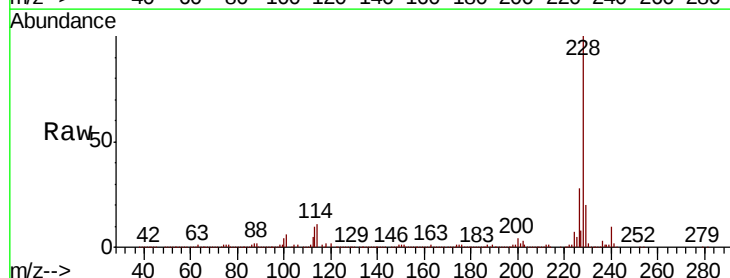
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

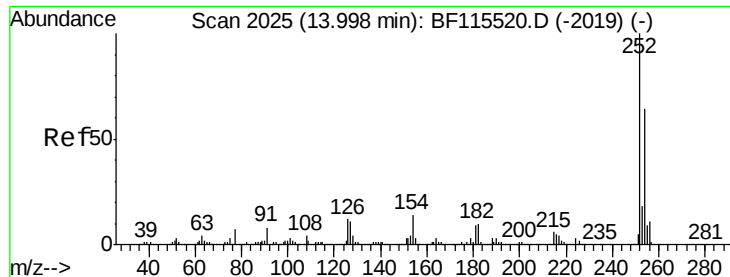
Tgt Ion:149 Resp: 810305
Ion Ratio Lower Upper
149 100
91 70.3 55.8 83.8
206 21.6 18.2 27.2



#81
Benzo(a)anthracene
Concen: 43.643 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:228 Resp: 1365971
Ion Ratio Lower Upper
228 100
226 28.0 23.4 35.0
229 20.2 17.2 25.8

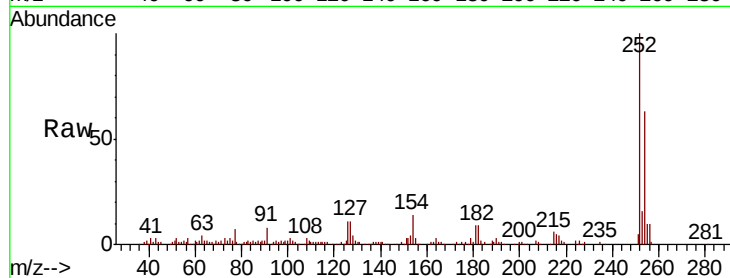




#82
 3,3'-Dichlorobenzidine
 Concen: 11.324 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.9	79.3
126	11.1	9.9	14.9

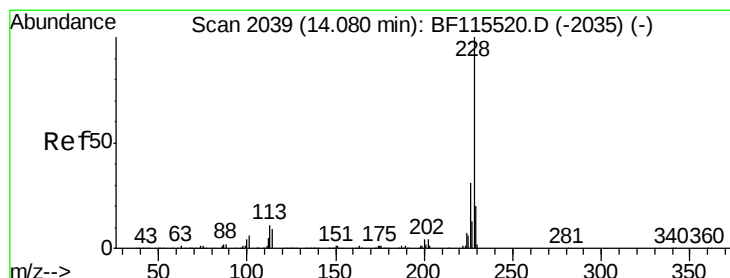
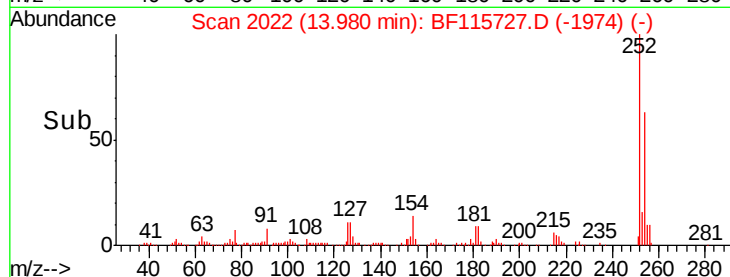
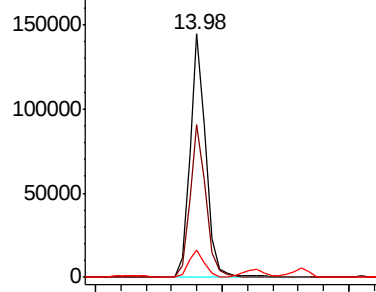


Abundance

Ion 252.00 (251.70 to 252.70): E

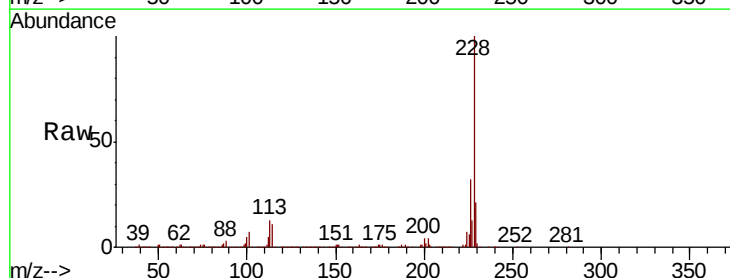
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 42.216 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	21.0	16.6	25.0

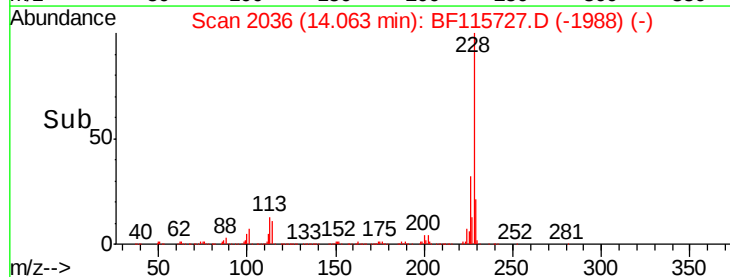
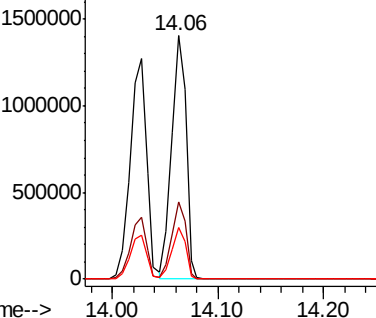


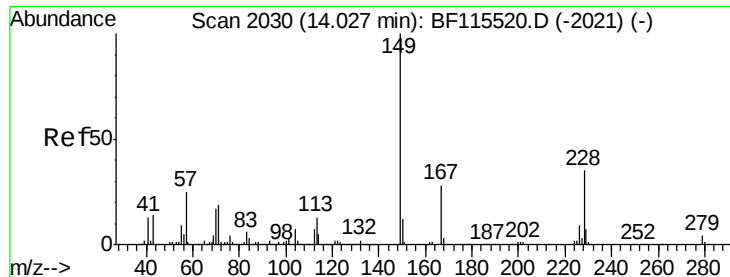
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.403 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

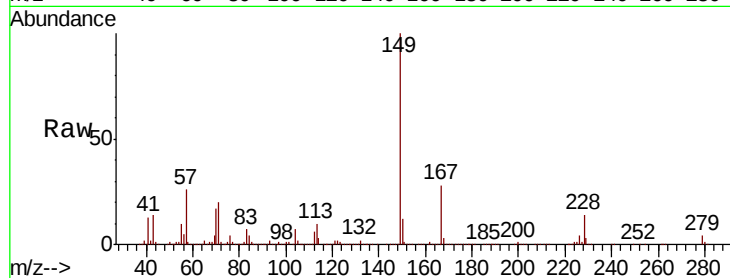
Tgt Ion:149 Resp: 1092532

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

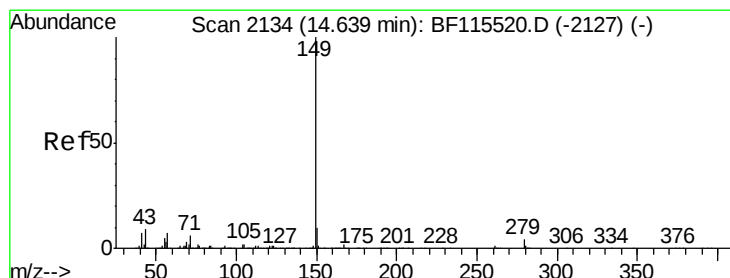
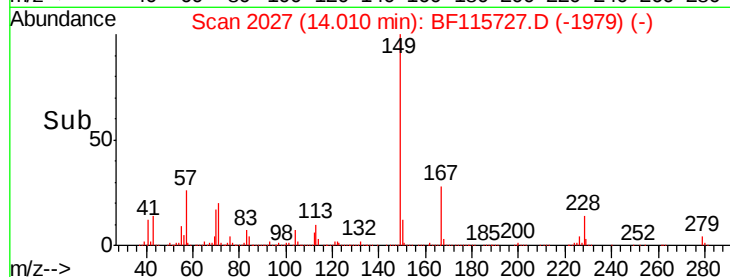
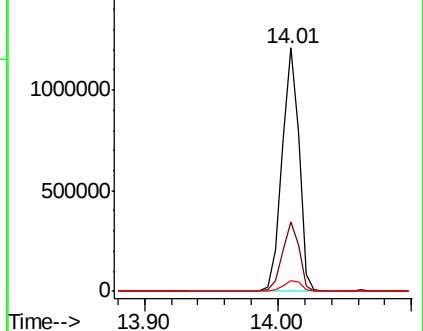
279 4.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.388 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

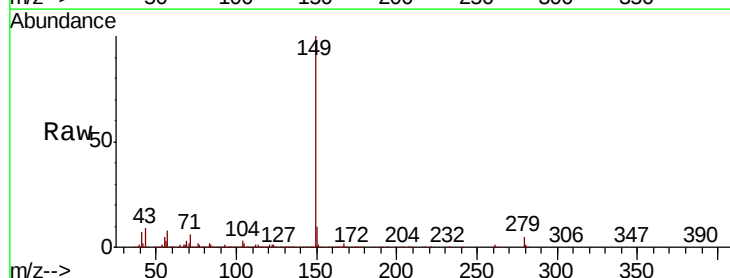
Tgt Ion:149 Resp: 1704003

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

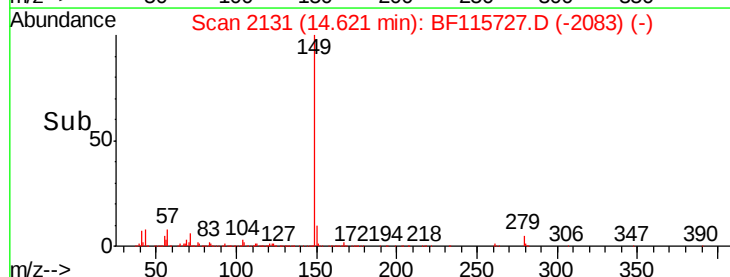
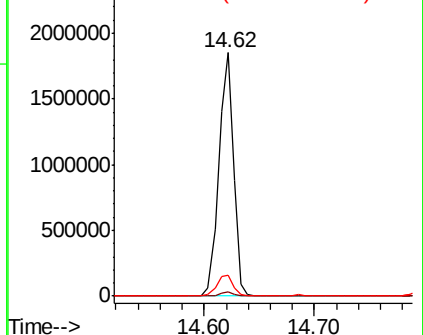
43 8.9 7.2 10.8

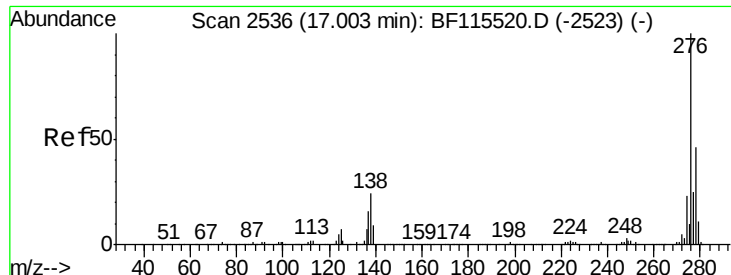


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 48.348 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

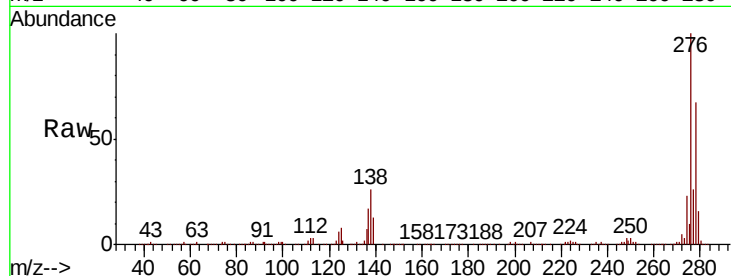
Tgt Ion:276 Resp: 1290598

Ion Ratio Lower Upper

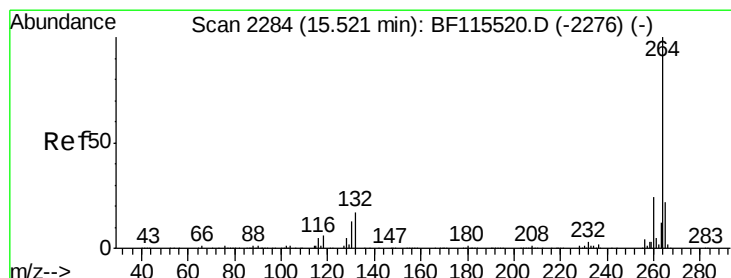
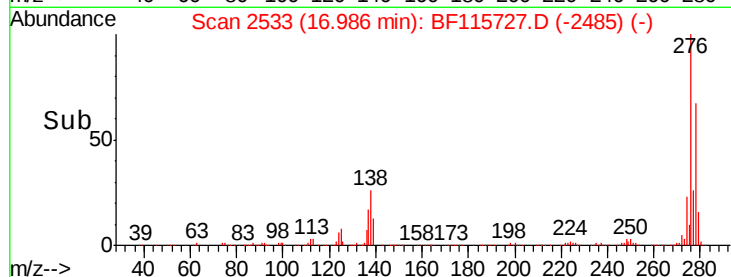
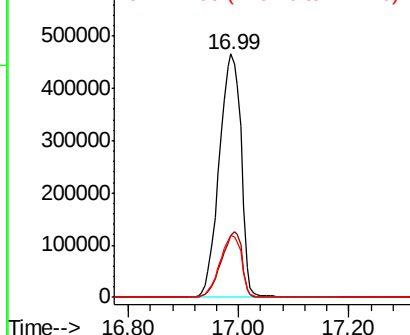
276 100

138 25.8 20.2 30.2

277 25.3 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

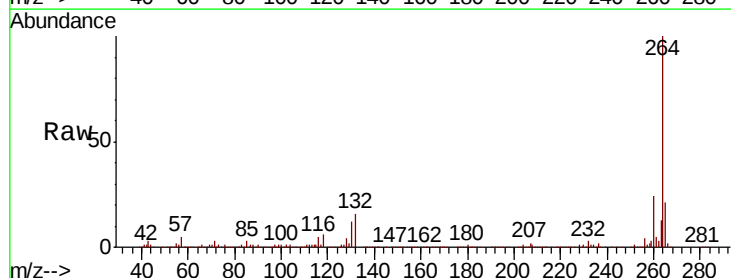
Tgt Ion:264 Resp: 445941

Ion Ratio Lower Upper

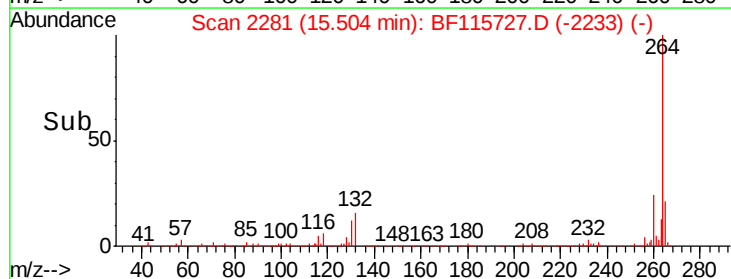
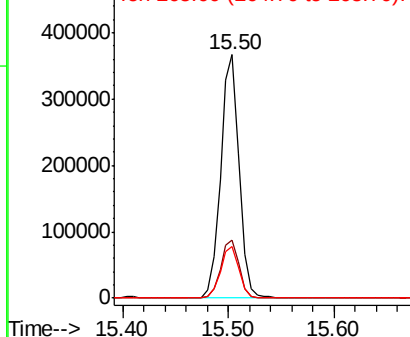
264 100

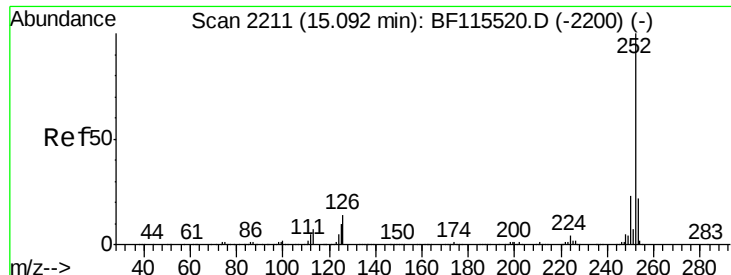
260 23.8 19.8 29.8

265 21.2 17.7 26.5



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

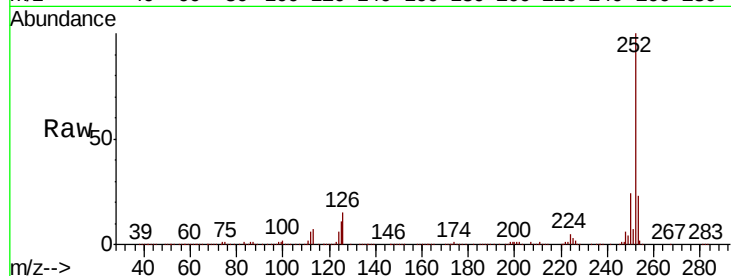




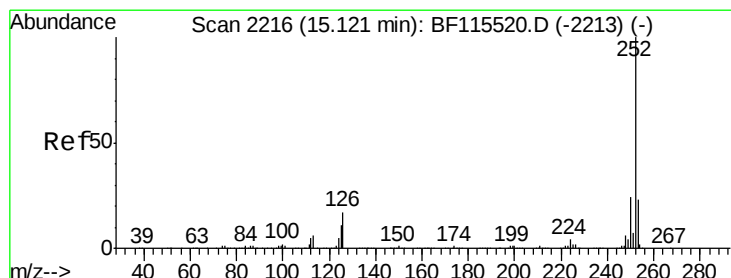
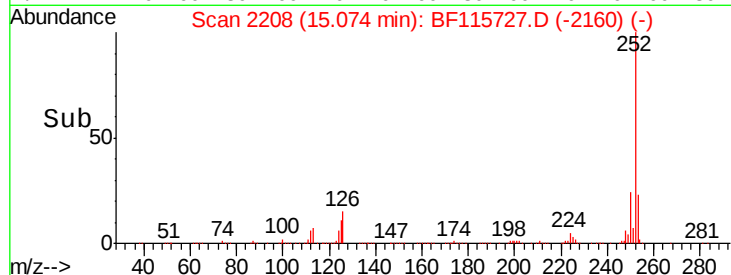
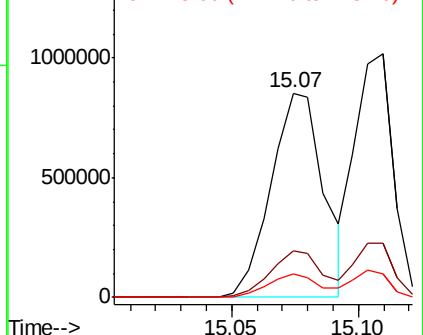
#88
Benzo(b)fluoranthene
Concen: 43.288 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMS

Tgt Ion:252 Resp: 1243013
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.2 9.0 13.4

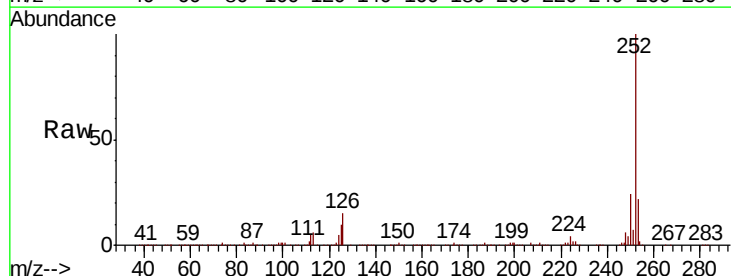


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

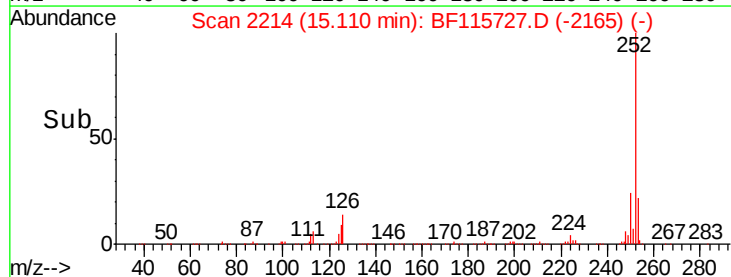
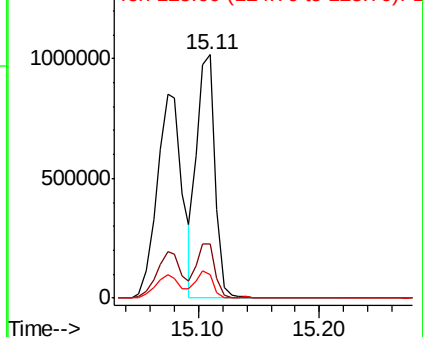


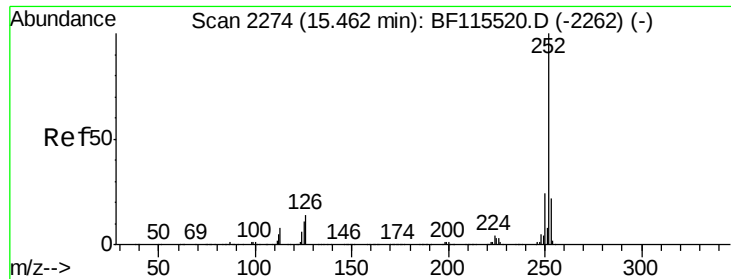
#89
Benzo(k)fluoranthene
Concen: 41.806 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:252 Resp: 1070282
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 9.5 9.0 13.6



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: 44.099 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

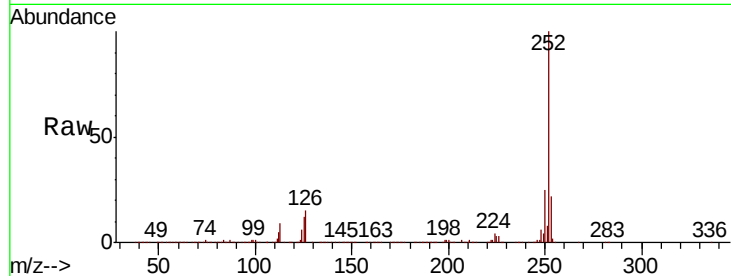
Tgt Ion:252 Resp: 1088382

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

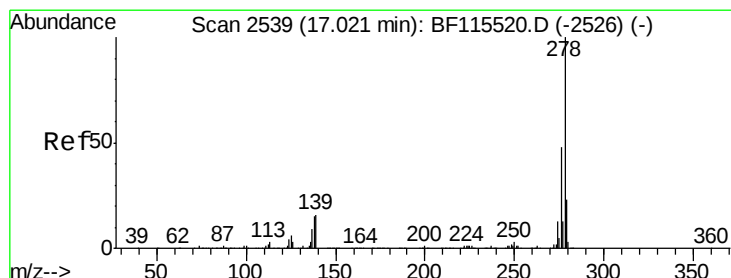
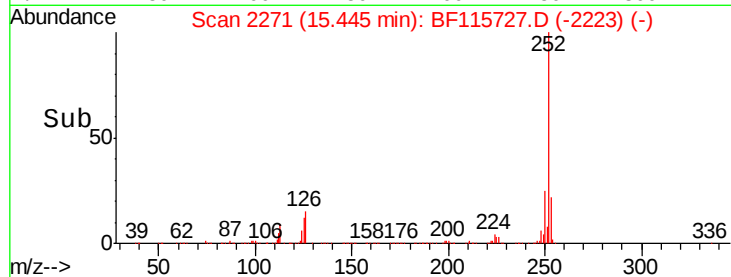
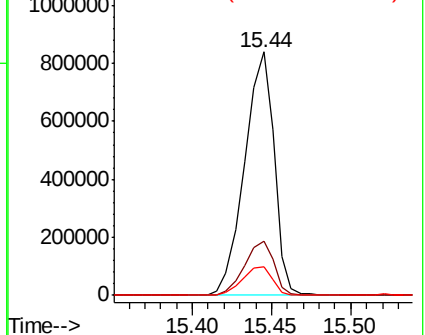
125 11.7 9.1 13.7



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: 49.421 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

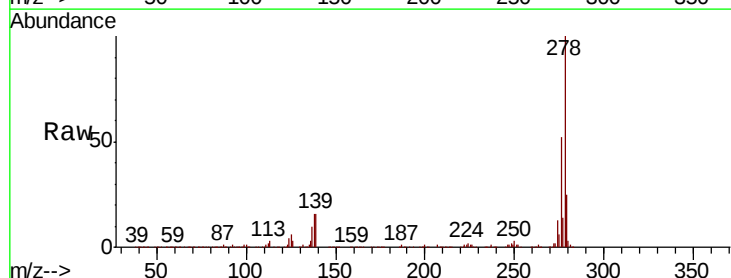
Tgt Ion:278 Resp: 1070803

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

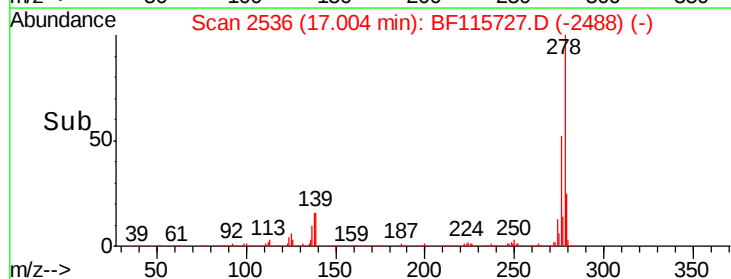
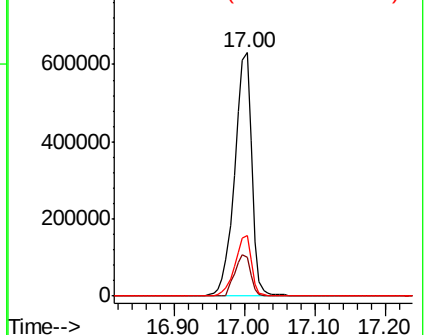
279 24.7 19.6 29.4

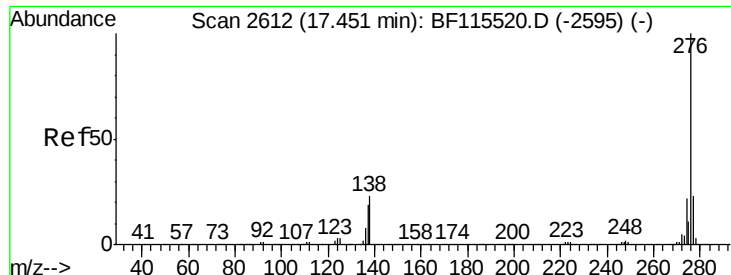


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 50.761 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115727.D

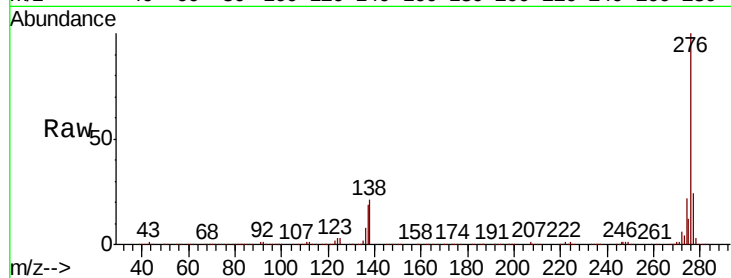
Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS



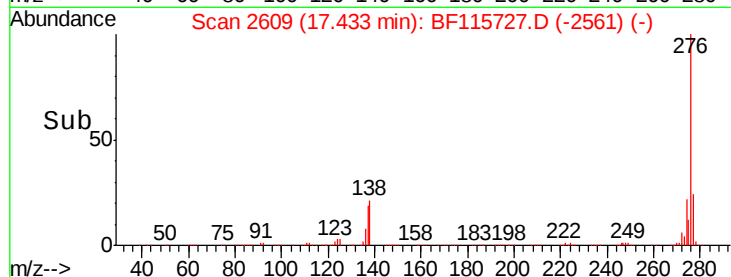
Tgt Ion: 276 Resp: 1096879

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

