

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115728.D
 Acq On : 23 Jul 2019 19:30
 Operator : HP/JU
 Sample : K3617-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 24 04:57:23 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	178150	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	687601	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	384404	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	700467	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	472794	20.00	ng	-0.01
87) Perylene-d12	15.50	264	450761	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1217446	111.78	ng	0.01
7) Phenol-d6	6.52	99	1519322	109.94	ng	0.00
23) Nitrobenzene-d5	7.44	82	1143859	96.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	573701	127.86	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	2065835	94.06	ng	-0.02
79) Terphenyl-d14	12.98	244	2411683	94.12	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	175731	32.346	ng	# 85
3) Pyridine	3.55	79	383651	26.028	ng	99
4) n-Nitrosodimethylamine	3.47	42	207392	38.785	ng	92
6) Aniline	6.54	93	218253	11.348	ng	93
8) 2-Chlorophenol	6.67	128	486803	38.876	ng	95
9) Benzaldehyde	6.42	77	194338	22.503	ng	98
10) Phenol	6.53	94	533112	33.230	ng	82
11) bis(2-Chloroethyl)ether	6.61	93	491944	40.276	ng	99
12) 1,3-Dichlorobenzene	6.82	146	508820	36.141	ng	97
13) 1,4-Dichlorobenzene	6.89	146	523504	37.268	ng	97
14) 1,2-Dichlorobenzene	7.05	146	479519	37.343	ng	98
15) Benzyl Alcohol	7.02	79	443193	40.426	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	654544	40.704	ng	98
17) 2-Methylphenol	7.13	107	433291	40.152	ng	98
18) Hexachloroethane	7.39	117	193255	37.066	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	362317	40.199	ng	96
20) 3+4-Methylphenols	7.28	107	492391	38.414	ng	# 82
22) Acetophenone	7.28	105	686010	44.162	ng	# 99
24) Nitrobenzene	7.46	77	559034	43.830	ng	99
25) Isophorone	7.69	82	1062998	44.923	ng	98
26) 2-Nitrophenol	7.77	139	286019	43.567	ng	97
27) 2,4-Dimethylphenol	7.81	122	474375	48.293	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	654297	45.073	ng	99
29) 2,4-Dichlorophenol	8.02	162	463946	45.415	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	473803	41.031	ng	98
31) Naphthalene	8.17	128	1450872	43.569	ng	98
32) Benzoic acid	7.92	122	214819	26.648	ng	95
33) 4-Chloroaniline	8.22	127	134410	9.112	ng	98
34) Hexachlorobutadiene	8.30	225	271269	40.965	ng	98
35) Caprolactam	8.60	113	58490	18.528	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	494272	46.643	ng	100
37) 2-Methylnaphthalene	8.87	142	1019268	46.175	ng	97
38) 1-Methylnaphthalene	8.97	142	945724	45.106	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	460574	39.788	ng	97

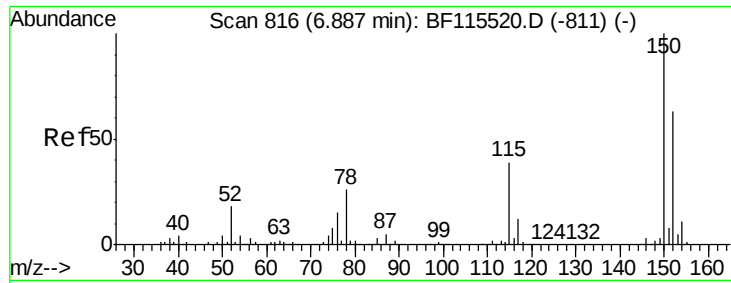
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	458730	69.470	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	333221	39.363	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	363949	41.981	ng	98
46) 1,1'-Biphenyl	9.33	154	1263738	42.051	ng	98
47) 2-Chloronaphthalene	9.36	162	1003404	40.099	ng	98
48) 2-Nitroaniline	9.45	65	321411	41.499	ng	97
49) Acenaphthylene	9.77	152	1553963	41.910	ng	98
50) Dimethylphthalate	9.63	163	1306472	45.173	ng	99
51) 2,6-Dinitrotoluene	9.69	165	283670	43.160	ng	95
52) Acenaphthene	9.95	154	947899	39.598	ng	99
53) 3-Nitroaniline	9.86	138	116824	15.554	ng	97
54) 2,4-Dinitrophenol	9.97	184	232387	68.866	ng	95
55) Dibenzofuran	10.12	168	1399937	41.180	ng	98
56) 4-Nitrophenol	10.03	139	415597	72.563	ng	98
57) 2,4-Dinitrotoluene	10.10	165	382127	44.876	ng	93
58) Fluorene	10.46	166	1056533	43.474	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	309070	42.647	ng	98
60) Diethylphthalate	10.33	149	1215054	44.839	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	541397	40.171	ng	98
62) 4-Nitroaniline	10.48	138	296990	41.223	ng	95
63) Azobenzene	10.61	77	1214477	46.206	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	182083	42.547	ng	91
66) n-Nitrosodiphenylamine	10.57	169	1011240	46.411	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	353168	44.120	ng	99
68) Hexachlorobenzene	11.02	284	390957	42.768	ng	96
69) Atrazine	11.10	200	323598	45.271	ng	99
70) Pentachlorophenol	11.21	266	415168	74.256	ng	99
71) Phenanthrene	11.42	178	1615493	44.993	ng	98
72) Anthracene	11.47	178	1680184	45.280	ng	99
73) Carbazole	11.63	167	1514680	46.549	ng	100
74) Di-n-butylphthalate	11.96	149	1923441	47.988	ng	99
75) Fluoranthene	12.61	202	1745795	46.012	ng	98
77) Benzidine	12.72	184	312865	18.680	ng	# 83
78) Pyrene	12.84	202	1749789	43.683	ng	98
80) Butylbenzylphthalate	13.45	149	823404	48.220	ng	97
81) Benzo(a)anthracene	14.03	228	1383743	44.425	ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	120762	10.906	ng	98
83) Chrysene	14.06	228	1354435	43.317	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1121019	52.999	ng	99
85) Di-n-octyl phthalate	14.62	149	1743103	51.794	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1377155	51.841	ng	100
88) Benzo(b)fluoranthene	15.07	252	1292652	44.535	ng	100
89) Benzo(k)fluoranthene	15.11	252	1092272	42.209	ng	97
90) Benzo(a)pyrene	15.44	252	1129259	45.266	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1131205	51.651	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1157479	52.992	ng	99

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

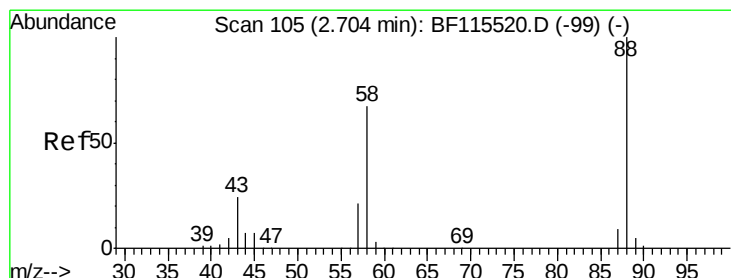
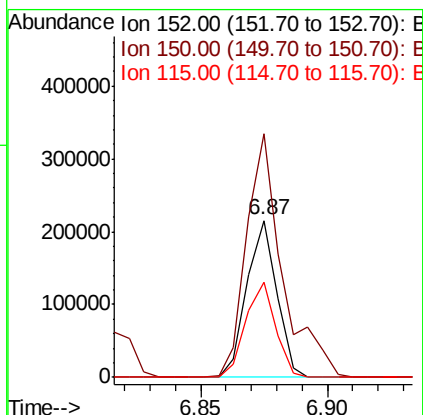
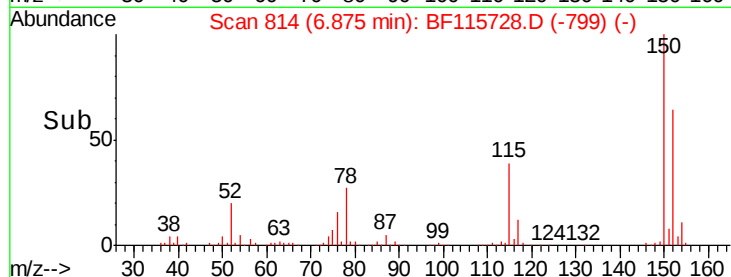
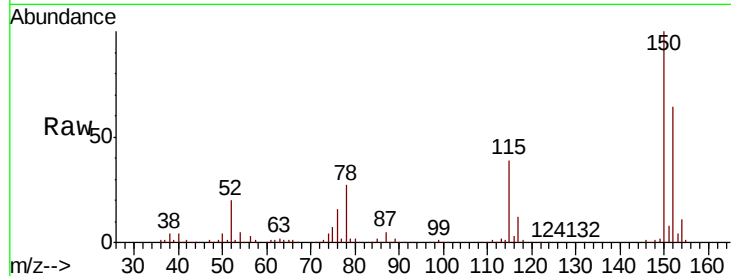


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

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

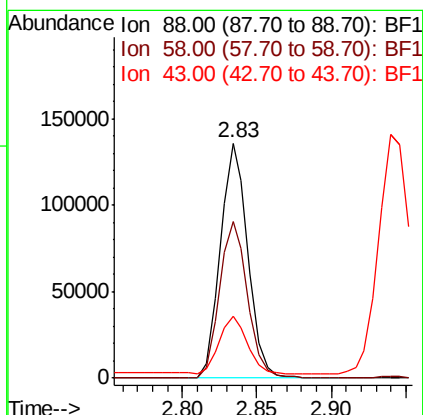
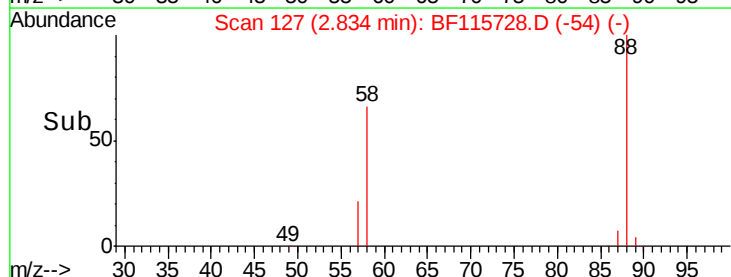
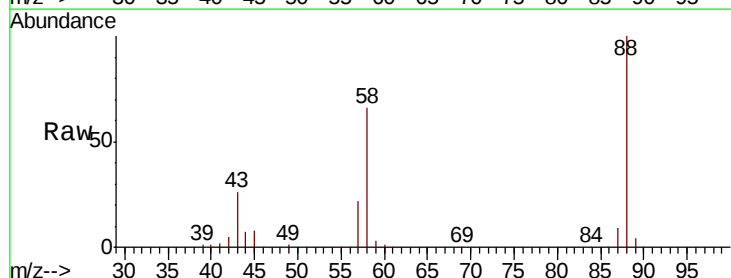
Tgt Ion: 152 Resp: 178150
Ion Ratio Lower Upper
152 100
150 155.3 129.7 194.5
115 60.5 48.2 72.4

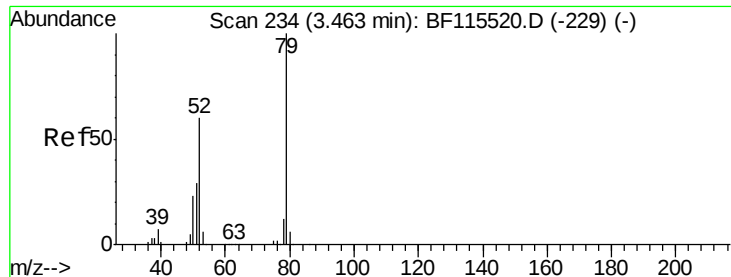


#2

1,4-Dioxane
Concen: 32.346 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.13 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion: 88 Resp: 175731
Ion Ratio Lower Upper
88 100
58 68.2 52.6 79.0
43 0.0 19.1 28.7#





#3

Pyridine

Concen: 26.028 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

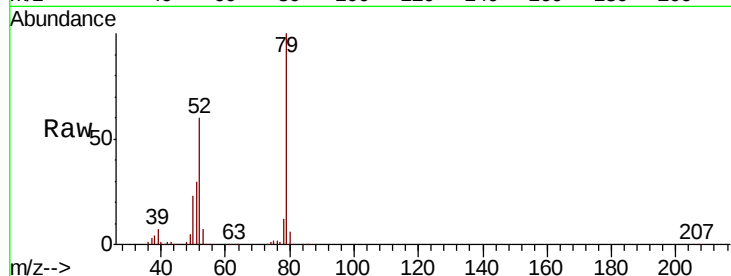
Tgt Ion: 79 Resp: 383651

Ion Ratio Lower Upper

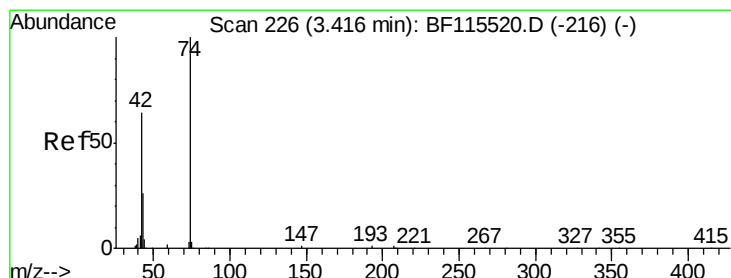
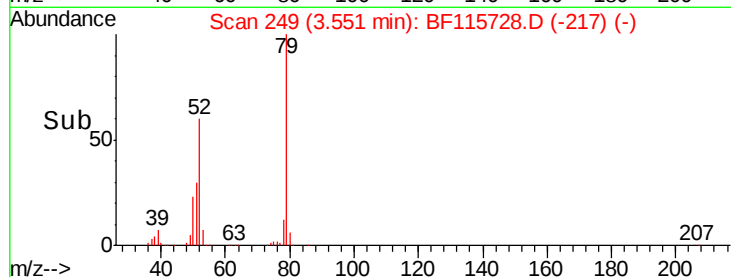
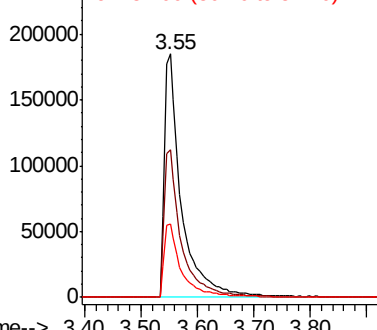
79 100

52 60.5 47.8 71.6

51 30.1 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 38.785 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

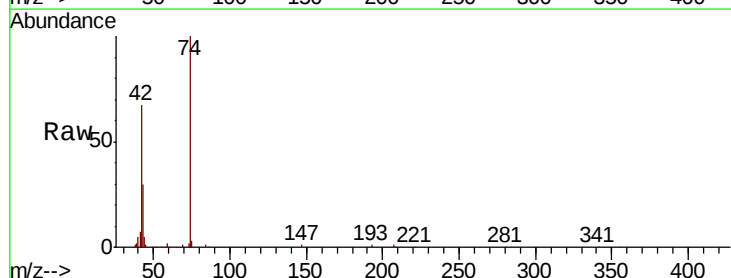
Tgt Ion: 42 Resp: 207392

Ion Ratio Lower Upper

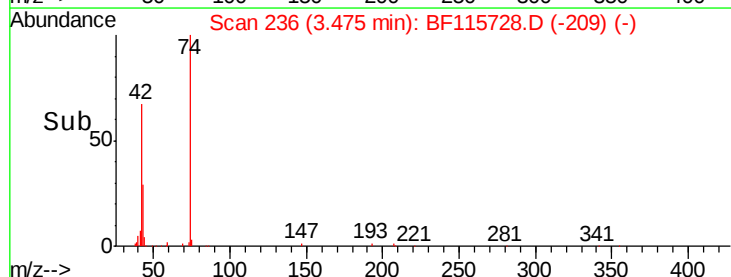
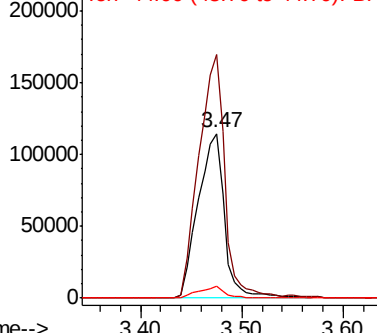
42 100

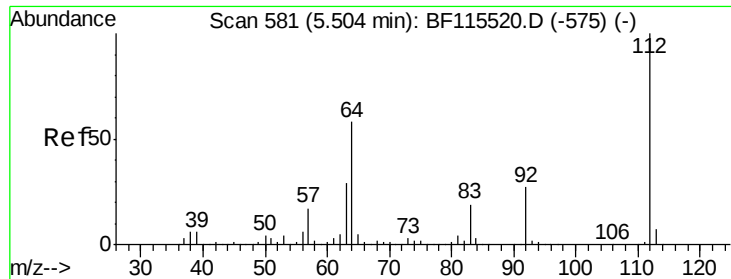
74 148.2 127.5 191.3

44 6.9 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: 111.782 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

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ClientSampleId :

NB-07-071919-AMSD

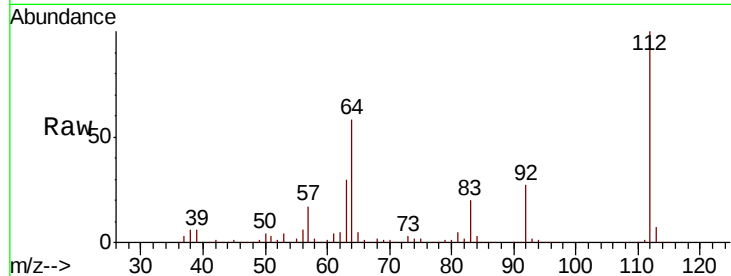
Tgt Ion:112 Resp: 1217446

Ion Ratio Lower Upper

112 100

64 58.3 46.8 70.2

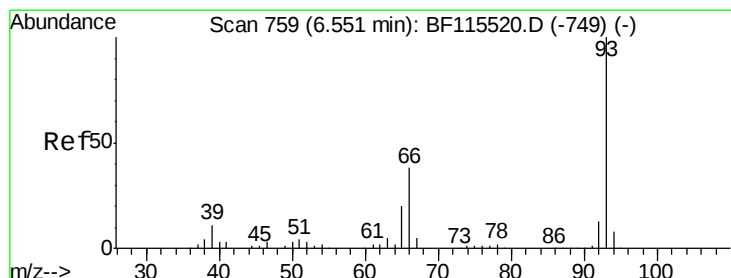
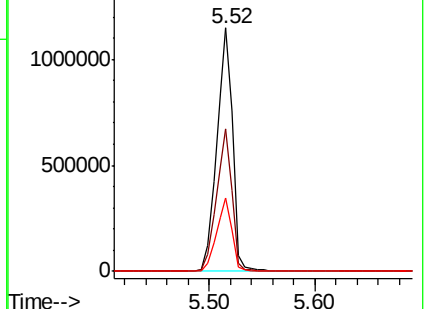
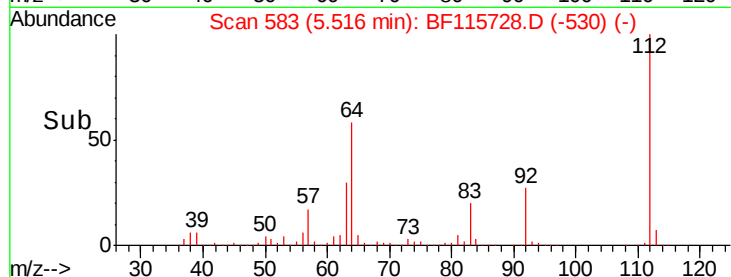
63 30.3 24.1 36.1



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: 11.348 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

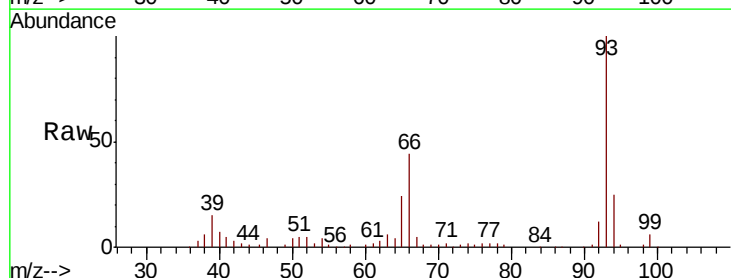
Tgt Ion: 93 Resp: 218253

Ion Ratio Lower Upper

93 100

66 43.7 31.7 47.5

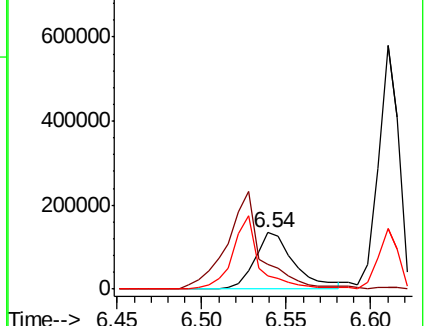
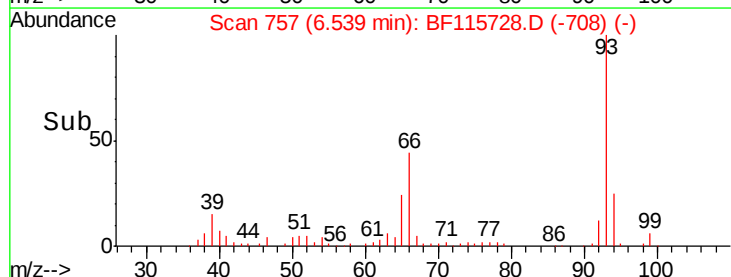
65 24.1 16.2 24.2

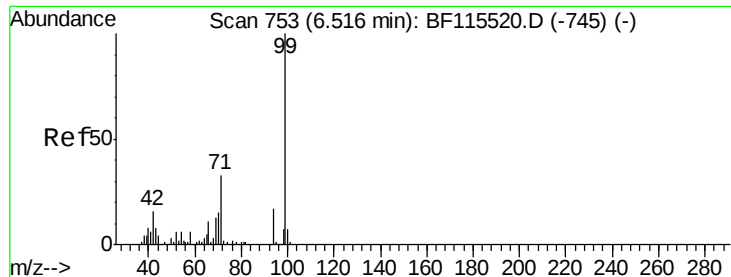


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.938 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115728.D

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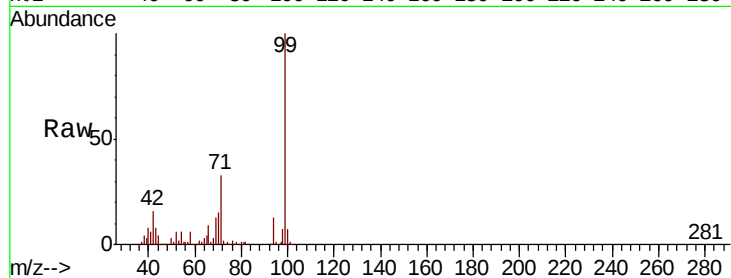
Tgt Ion: 99 Resp: 1519322

Ion Ratio Lower Upper

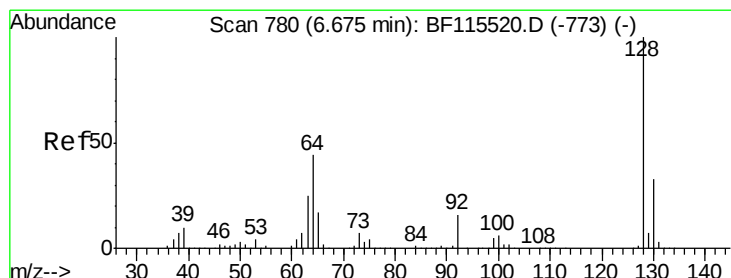
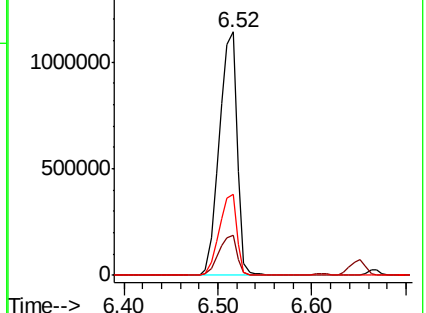
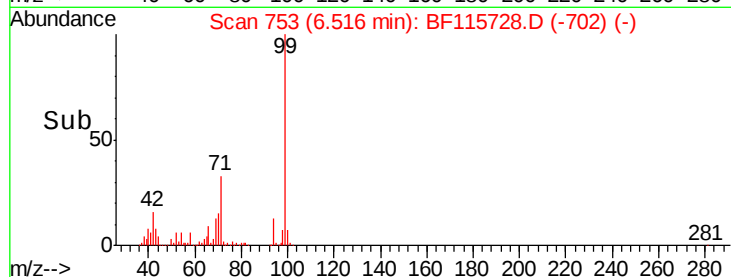
99 100

42 16.3 13.6 20.4

71 33.3 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: 38.876 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

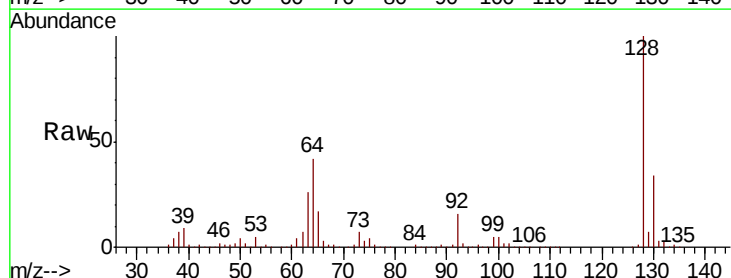
Tgt Ion: 128 Resp: 486803

Ion Ratio Lower Upper

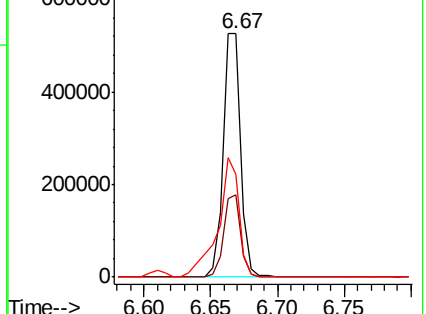
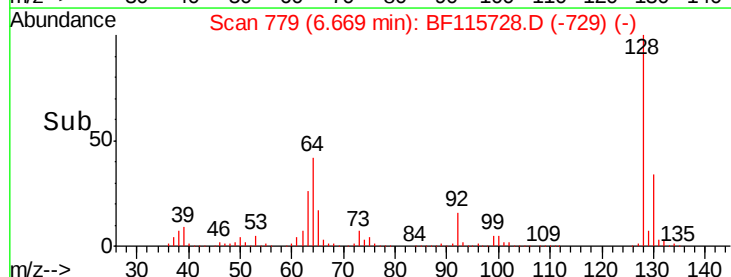
128 100

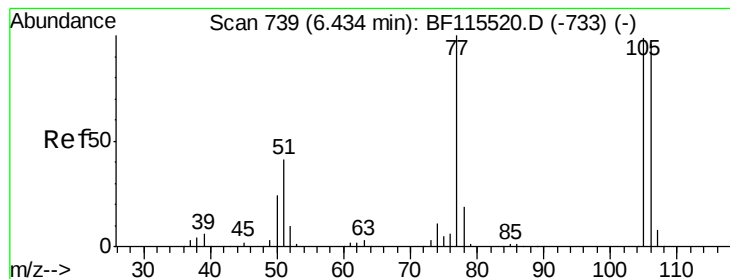
130 33.9 12.8 52.8

64 42.0 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: 22.503 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

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ClientSampleId :

NB-07-071919-AMSD

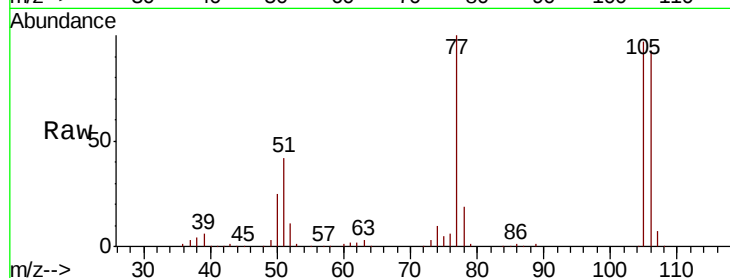
Tgt Ion: 77 Resp: 194338

Ion Ratio Lower Upper

77 100

105 97.0 78.8 118.8

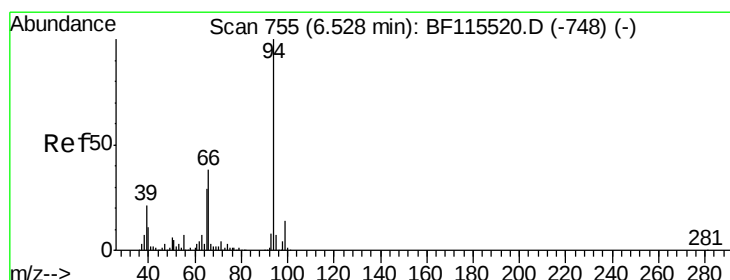
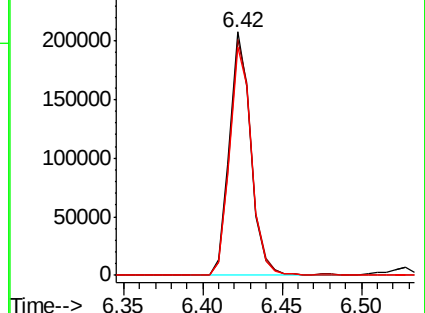
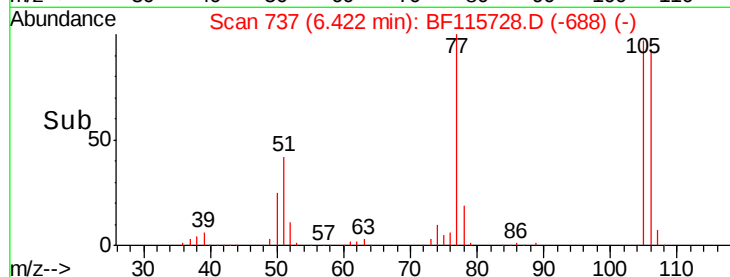
106 93.5 75.6 115.6



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: 33.230 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

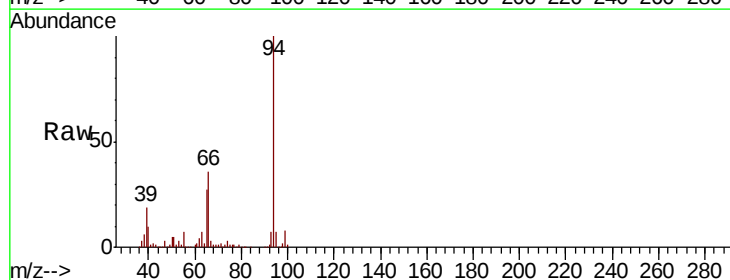
Tgt Ion: 94 Resp: 533112

Ion Ratio Lower Upper

94 100

65 27.1 14.5 54.5

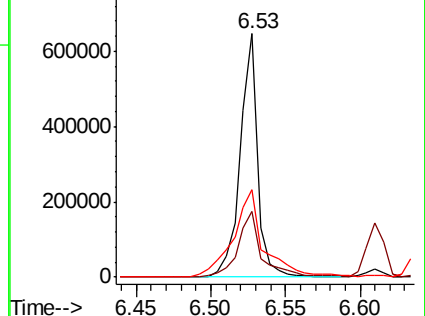
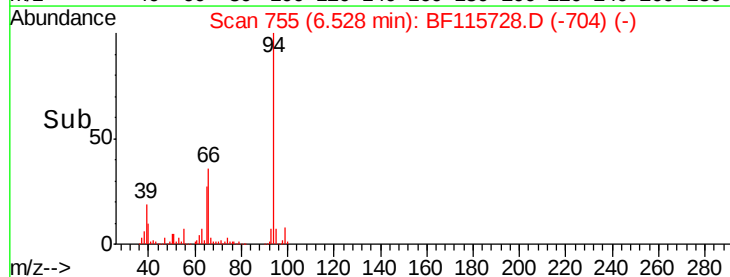
66 35.8 31.3 71.3

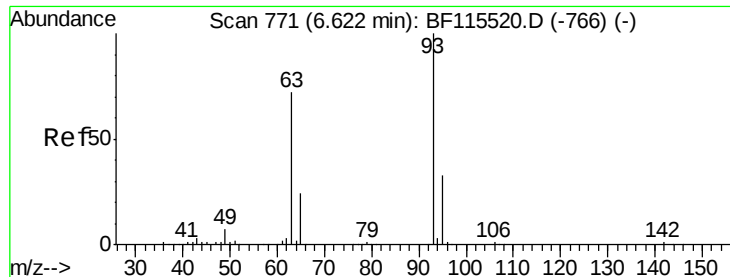


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

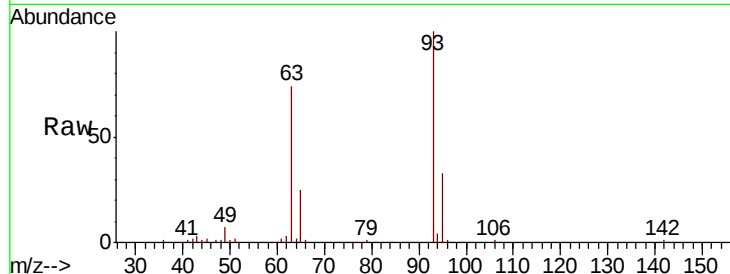




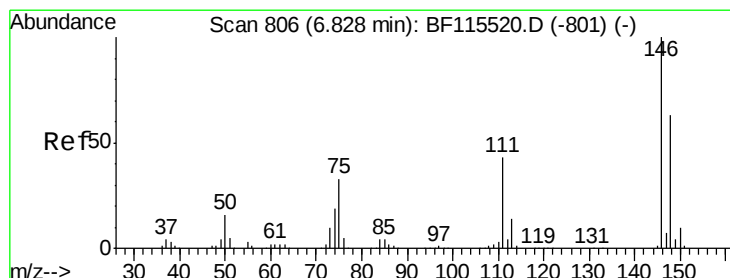
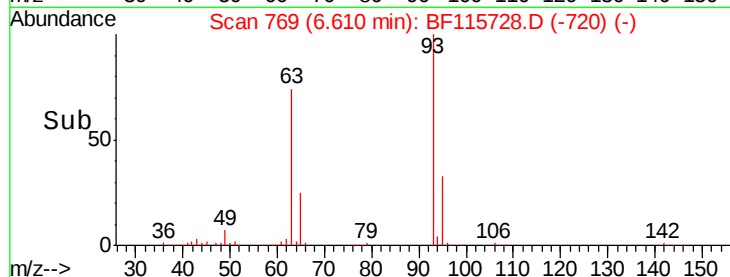
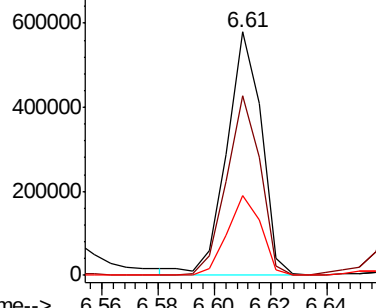
#11
bis(2-Chloroethyl)ether
Concen: 40.276 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

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

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.9	52.2	92.2
95	33.0	12.9	52.9

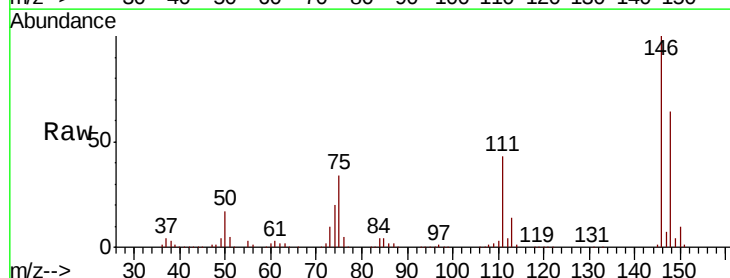


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

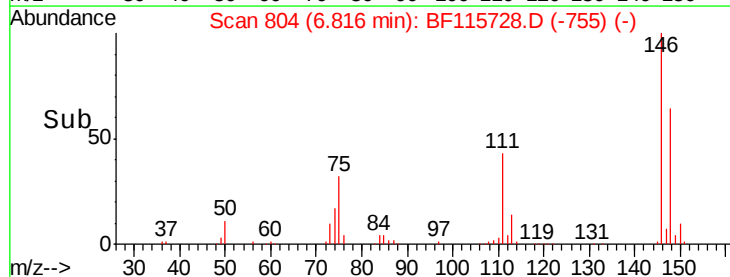
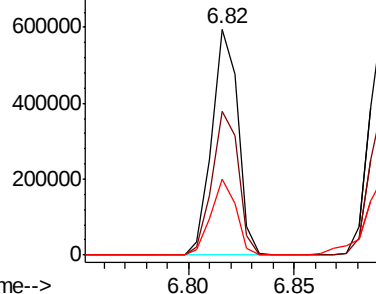


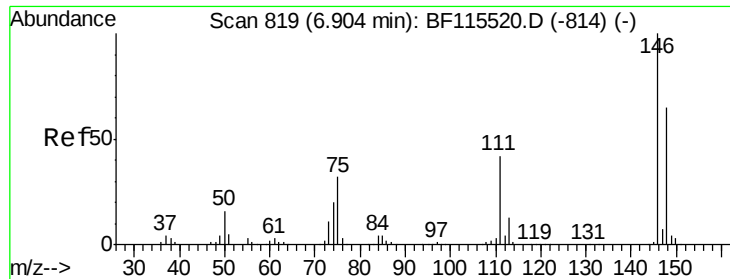
#12
1,3-Dichlorobenzene
Concen: 36.141 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	33.6	24.9	37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

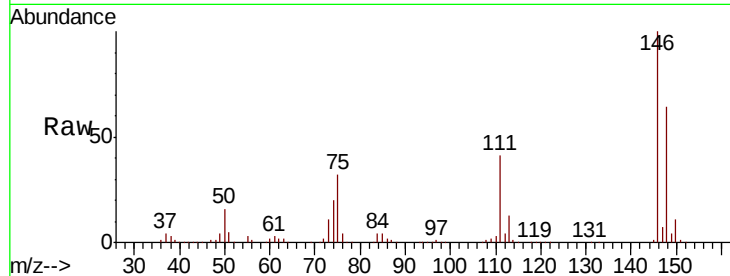




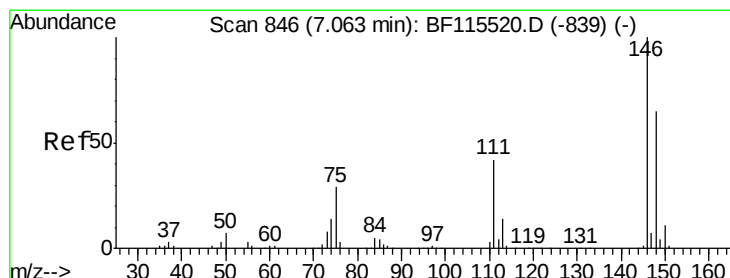
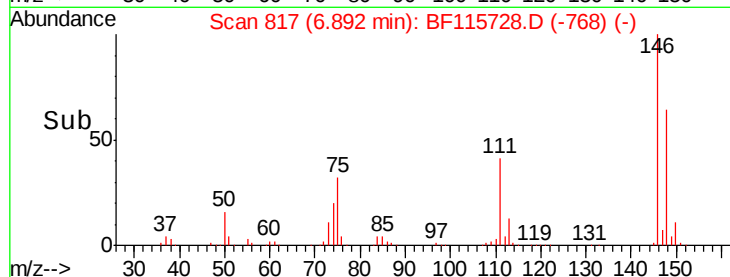
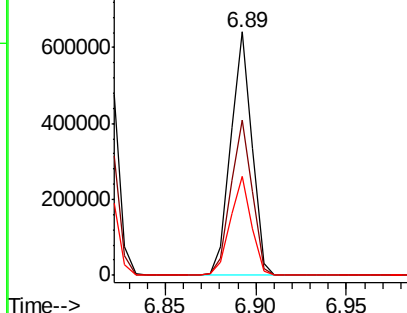
#13
 1,4-Dichlorobenzene
 Concen: 37.268 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

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

Tgt Ion:146 Resp: 523504
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 40.9 35.5 53.3

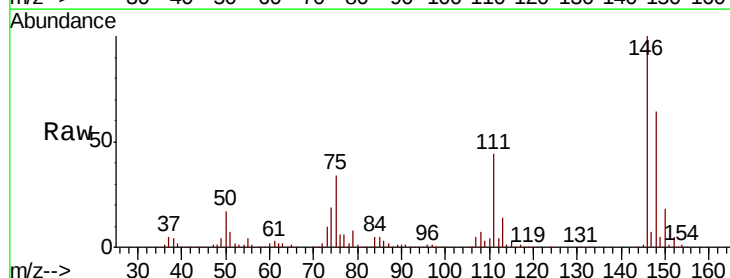


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

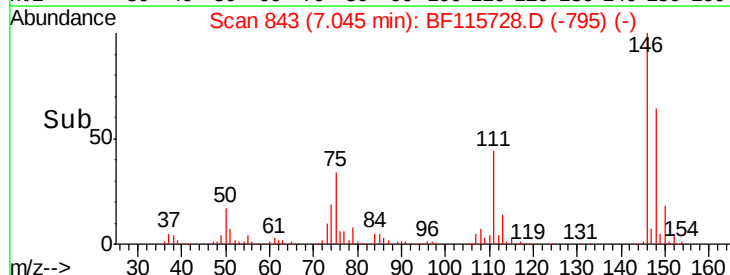
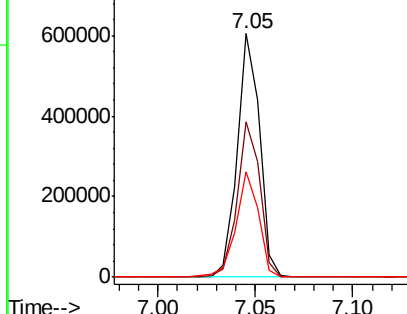


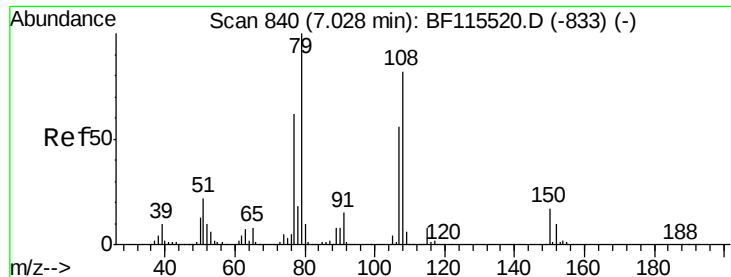
#14
 1,2-Dichlorobenzene
 Concen: 37.343 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion:146 Resp: 479519
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 43.5 37.6 56.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.426 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

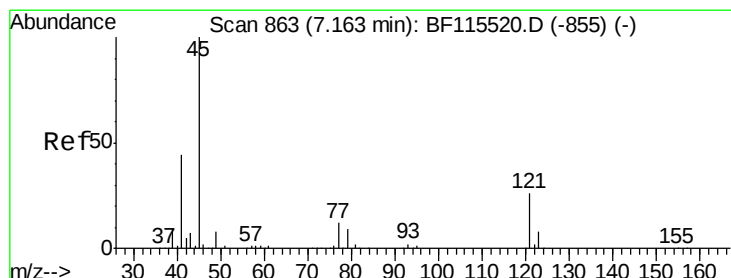
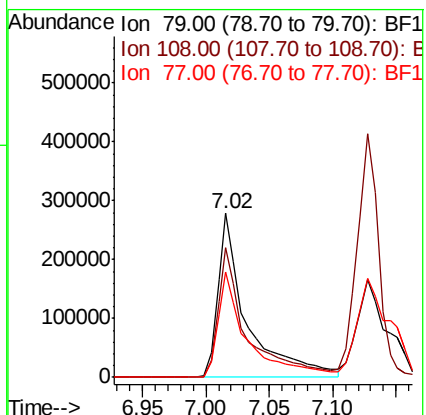
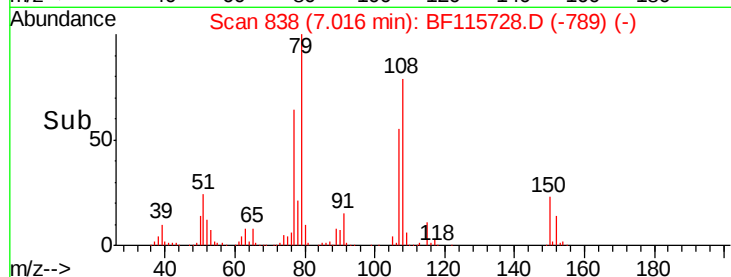
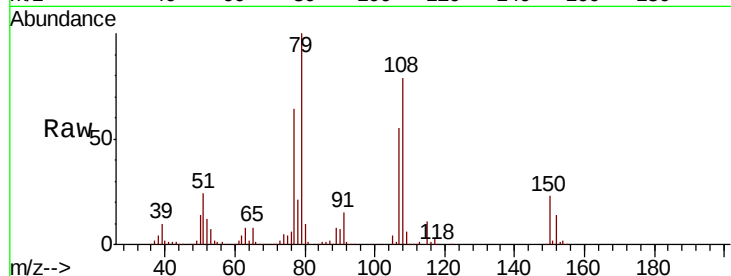
Tgt Ion: 79 Resp: 443193

Ion Ratio Lower Upper

79 100

108 78.9 64.2 96.4

77 64.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.704 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

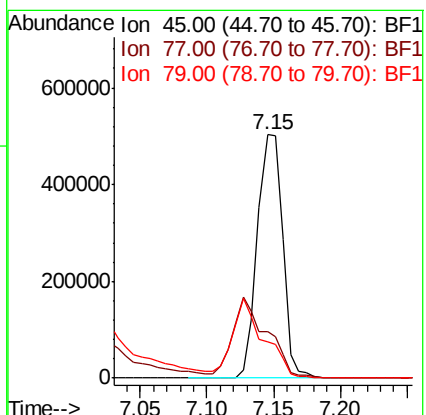
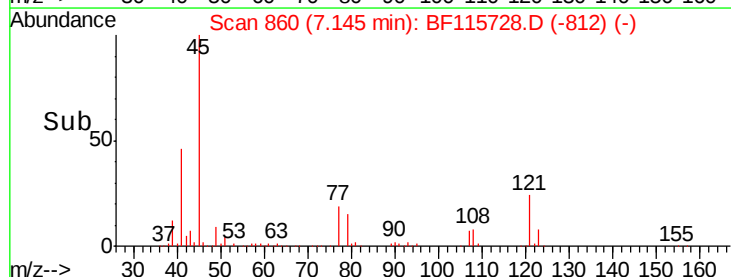
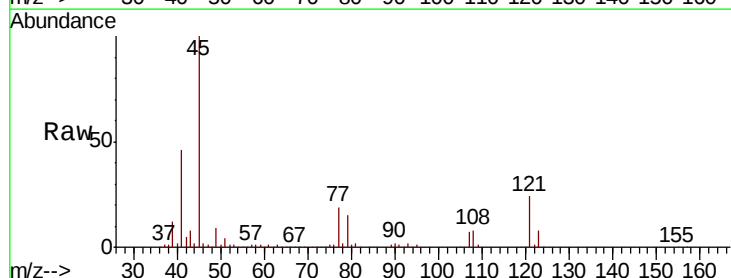
Tgt Ion: 45 Resp: 654544

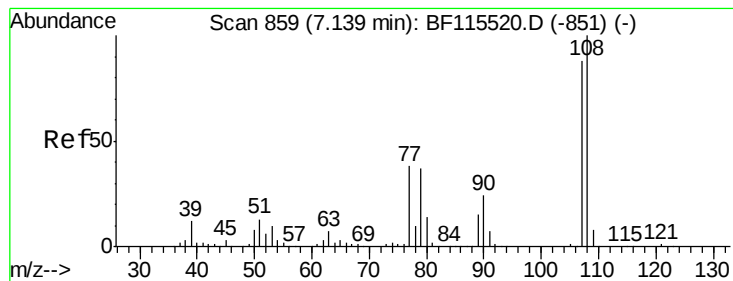
Ion Ratio Lower Upper

45 100

77 19.0 0.0 38.1

79 14.9 0.0 34.1





#17

2-Methylphenol

Concen: 40.152 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tgt Ion:107 Resp: 433291

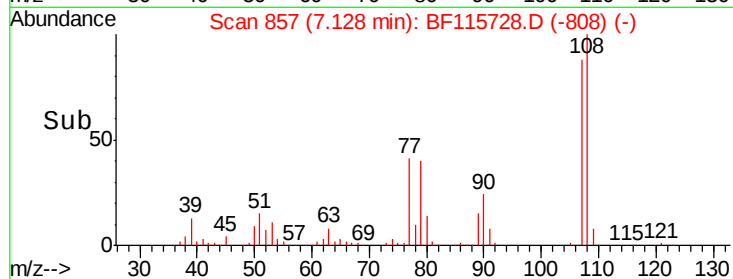
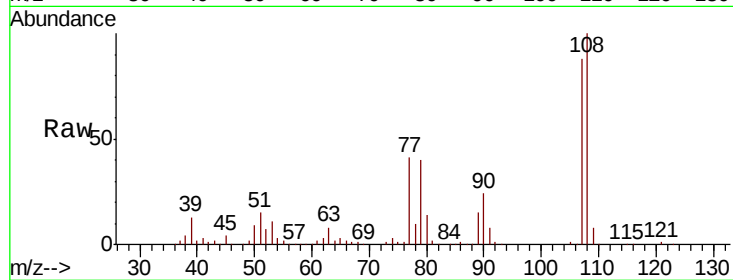
Ion Ratio Lower Upper

107 100

108 113.4 89.4 134.2

77 46.3 35.7 53.5

79 45.2 35.0 52.4

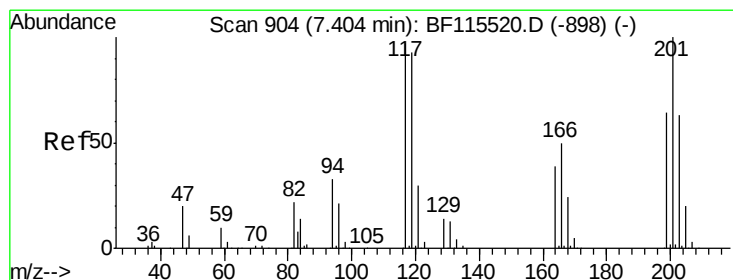
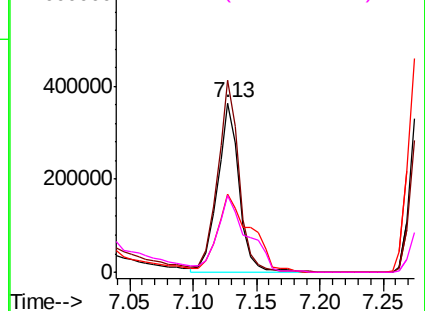


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.066 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

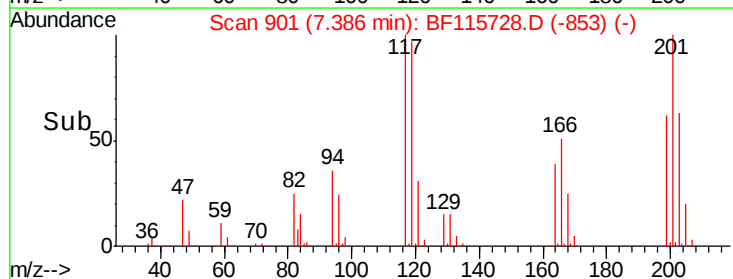
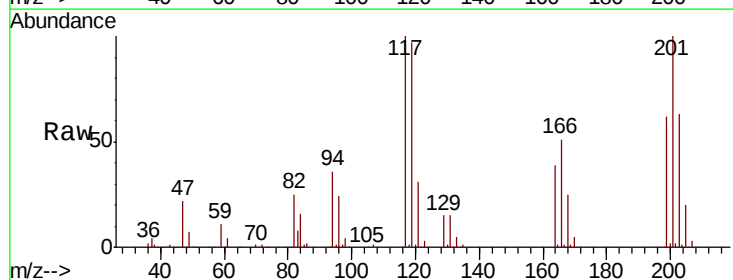
Tgt Ion:117 Resp: 193255

Ion Ratio Lower Upper

117 100

119 97.2 77.7 116.5

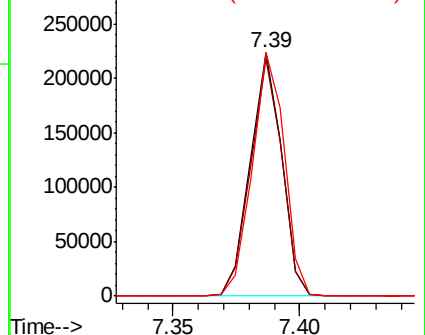
201 99.8 86.0 129.0

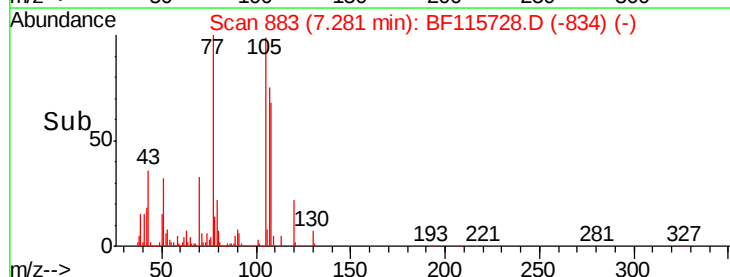
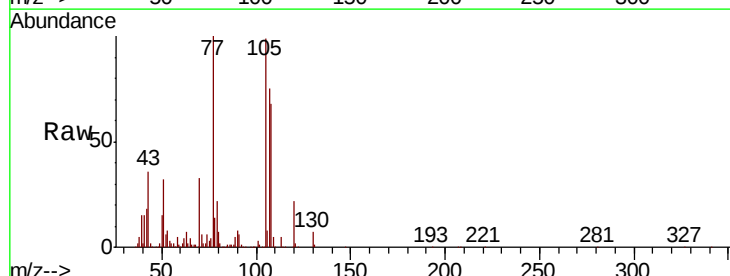
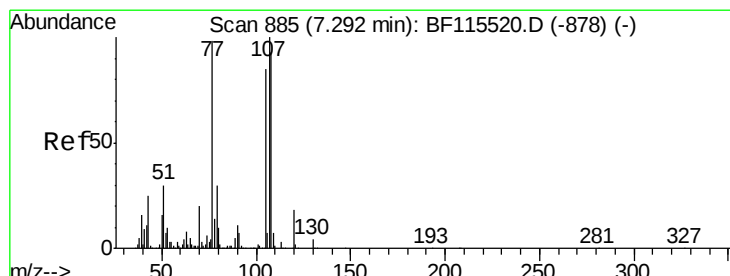
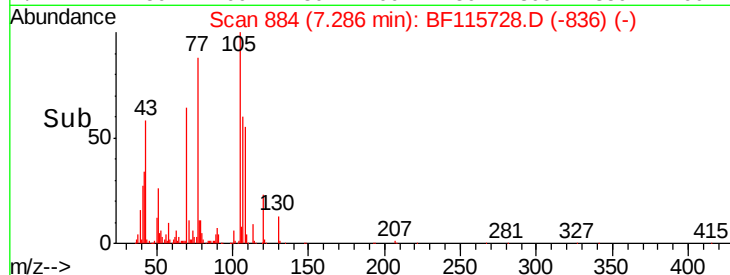
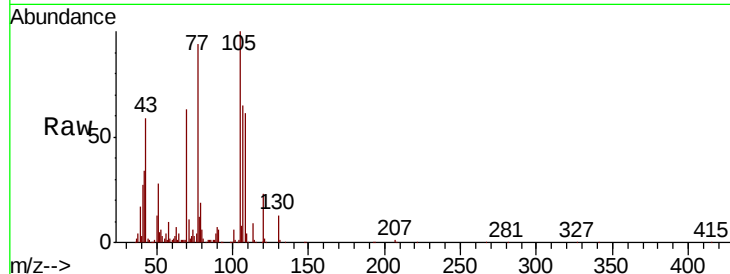
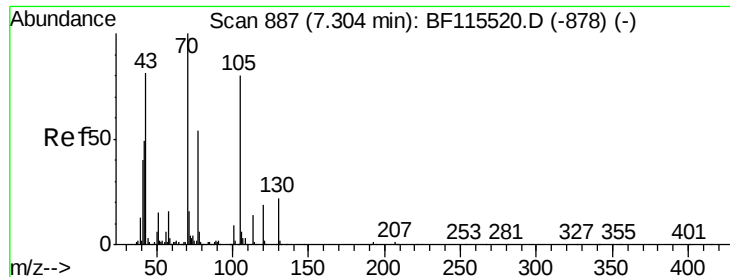


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

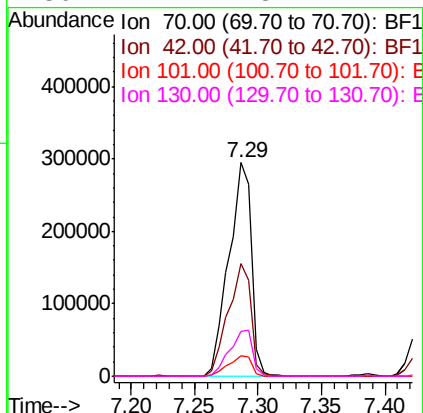




#19
n-Nitroso-di-n-propylamine
Concen: 40.199 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

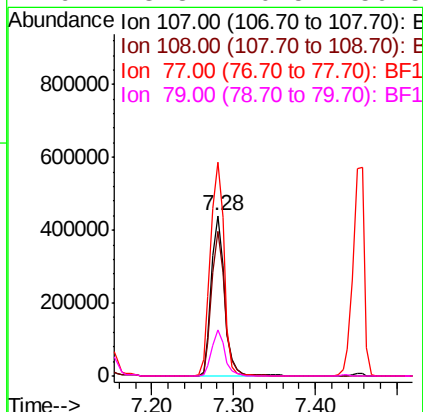
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tgt Ion: 70 Resp: 362317
Ion Ratio Lower Upper
70 100
42 53.0 39.6 59.4
101 9.6 8.1 12.1
130 21.1 18.2 27.2



#20
3+4-Methylphenols
Concen: 38.414 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion: 107 Resp: 492391
Ion Ratio Lower Upper
107 100
108 90.3 72.9 112.9
77 133.2 77.6 117.6#
79 28.8 10.5 50.5

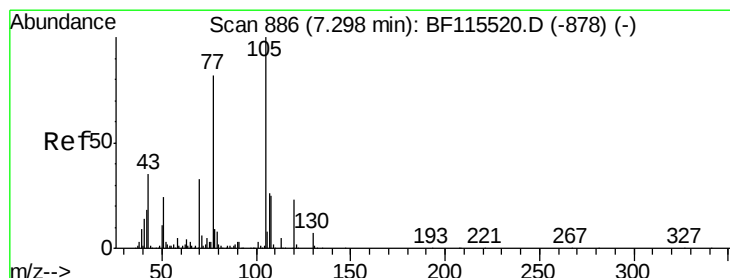
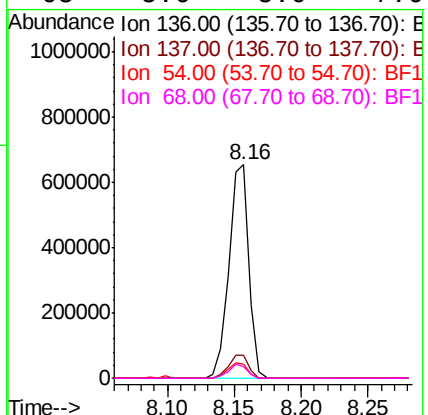
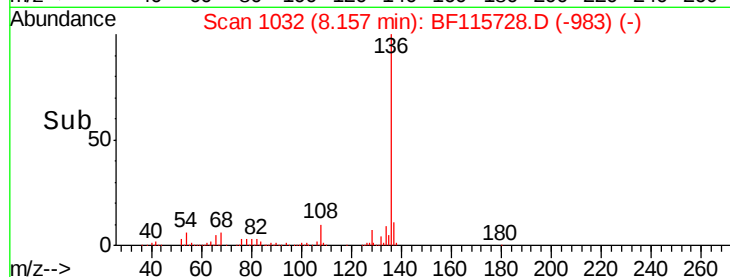
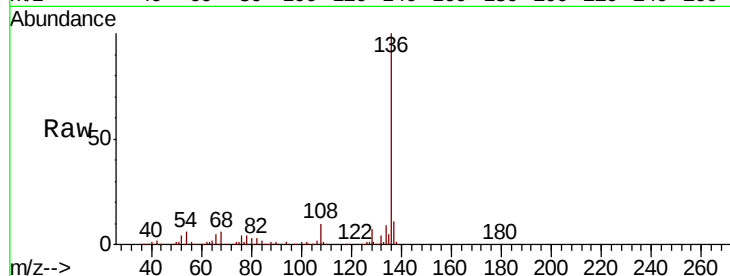




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

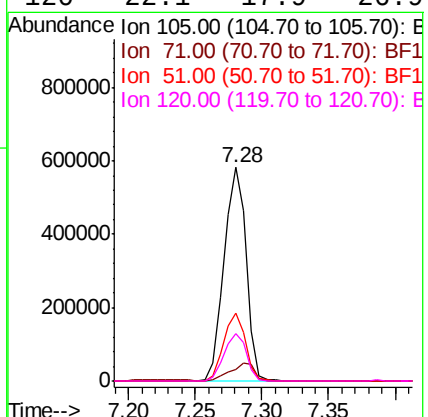
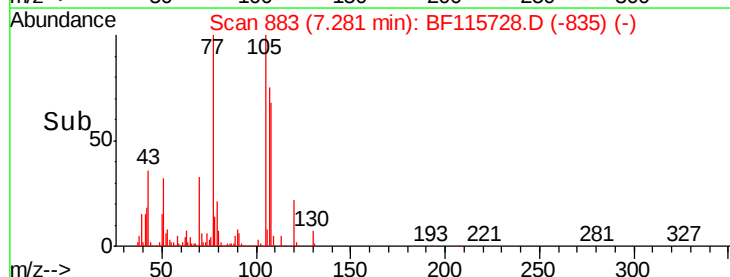
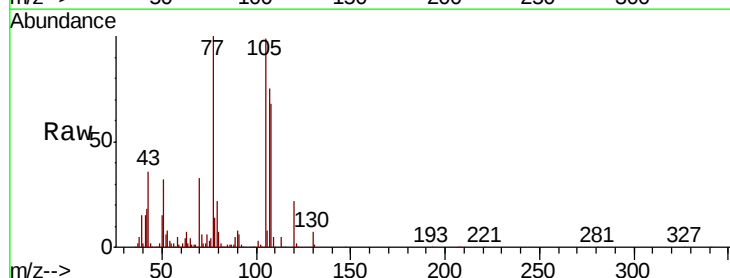
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

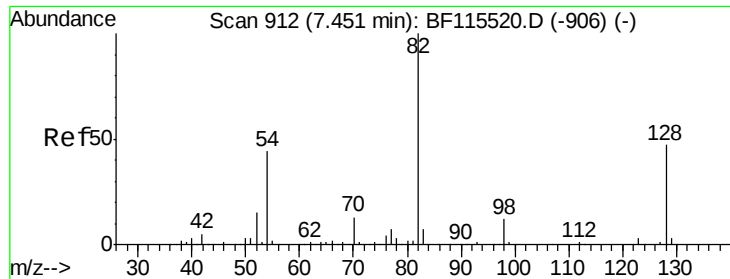
Tgt Ion:	136	Resp:	687601
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	5.6	8.4
68	5.6	5.0	7.6



#22
Acetophenone
Concen: 44.162 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:	105	Resp:	686010
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.5	5.3#
51	31.9	25.6	38.4
120	22.1	17.9	26.9

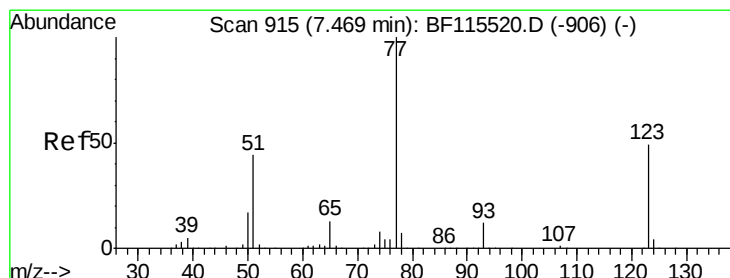
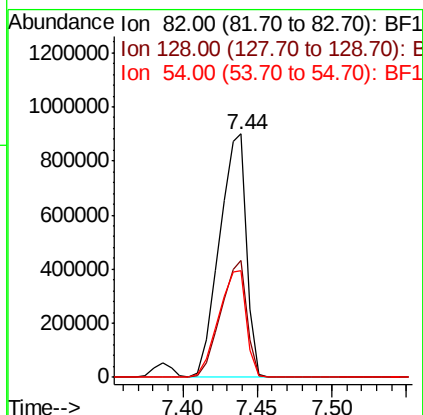
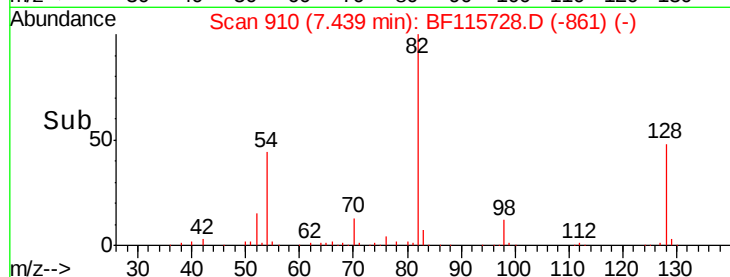
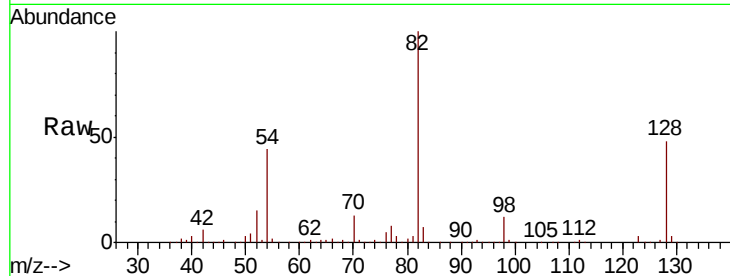




#23
 Nitrobenzene-d5
 Concen: 96.730 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

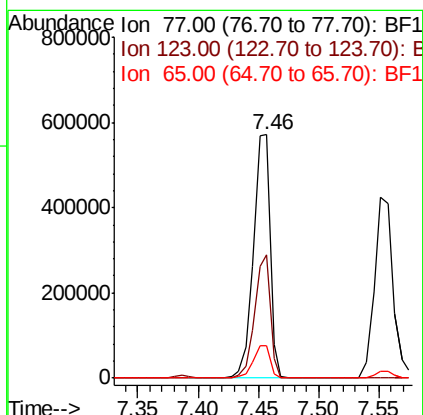
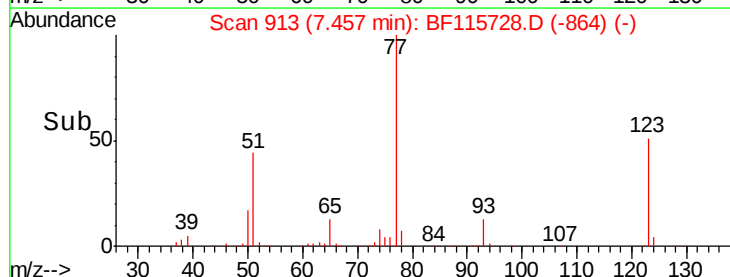
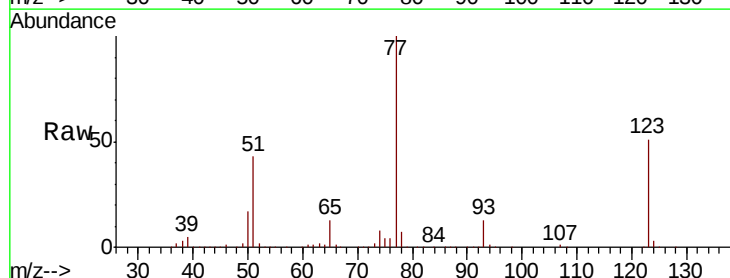
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMSD

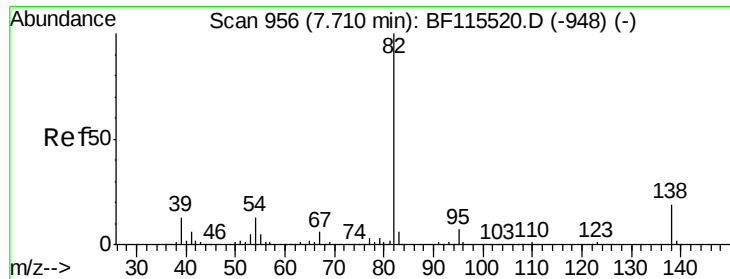
Tgt Ion: 82 Resp: 1143859
 Ion Ratio Lower Upper
 82 100
 128 48.1 38.6 57.8
 54 44.0 35.6 53.4



#24
 Nitrobenzene
 Concen: 43.830 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion: 77 Resp: 559034
 Ion Ratio Lower Upper
 77 100
 123 50.7 40.0 60.0
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 44.923 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

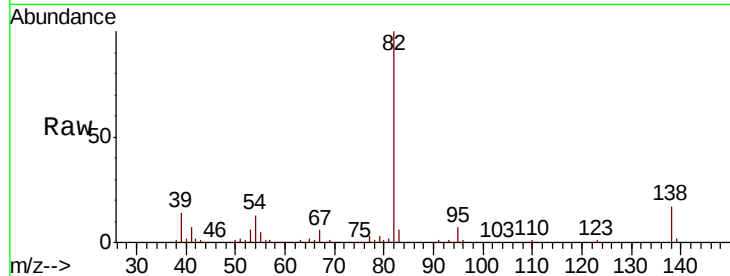
Tgt Ion: 82 Resp: 1062998

Ion Ratio Lower Upper

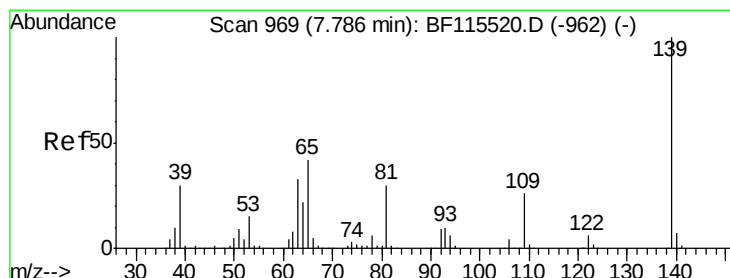
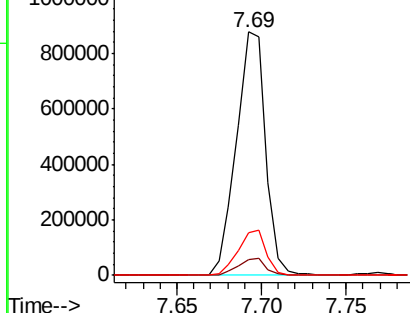
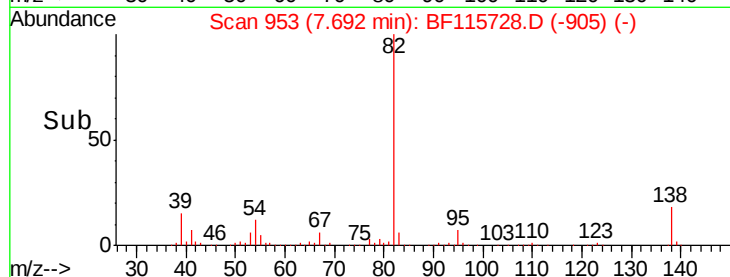
82 100

95 6.7 5.5 8.3

138 17.3 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: 43.567 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

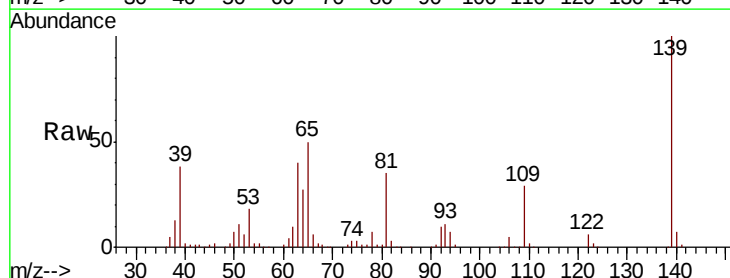
Tgt Ion: 139 Resp: 286019

Ion Ratio Lower Upper

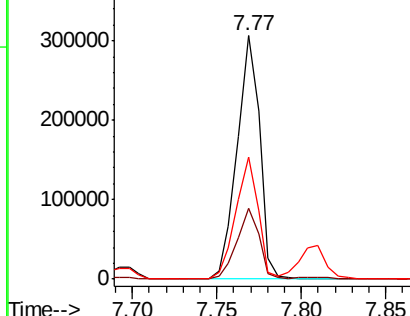
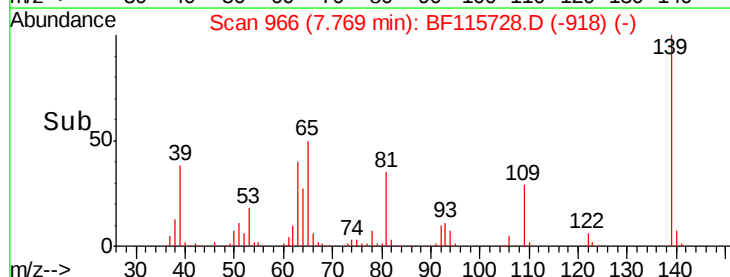
139 100

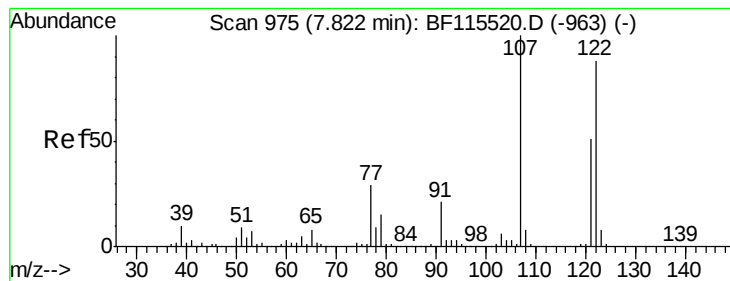
109 29.0 23.3 34.9

65 50.4 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 48.293 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

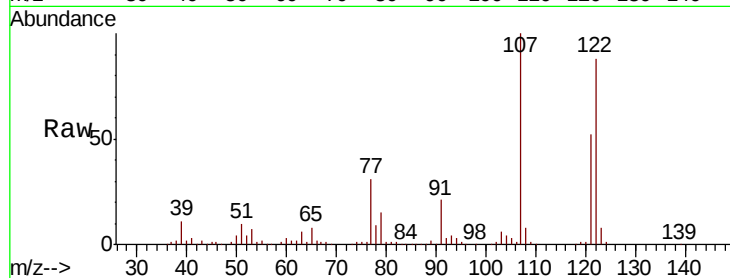
Tgt Ion:122 Resp: 474375

Ion Ratio Lower Upper

122 100

107 113.6 92.9 139.3

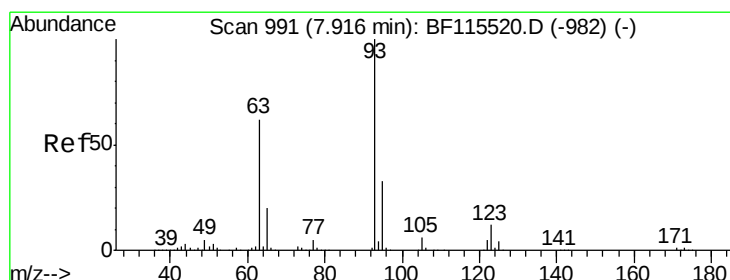
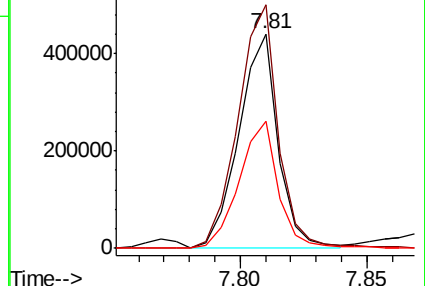
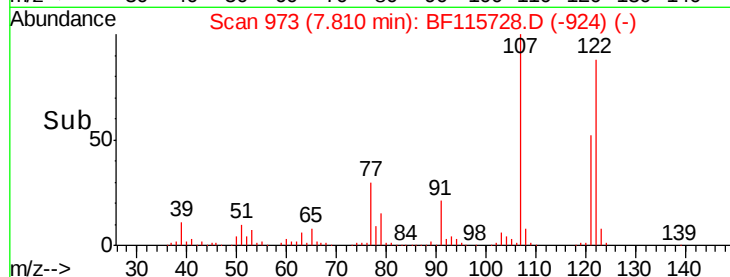
121 59.3 46.9 70.3



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: 45.073 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

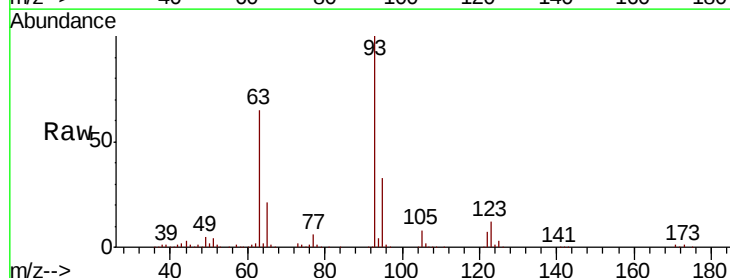
Tgt Ion: 93 Resp: 654297

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

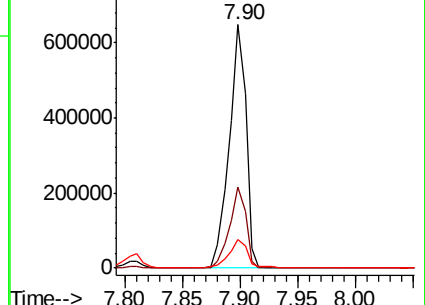
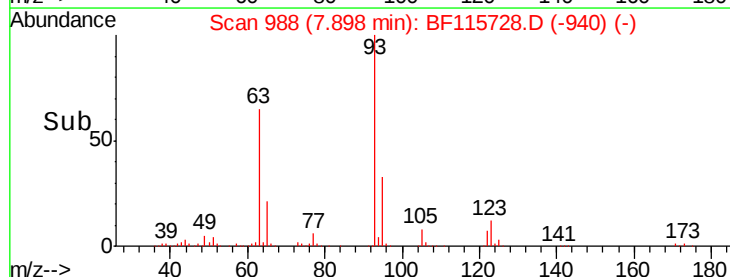
123 11.9 9.9 14.9



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

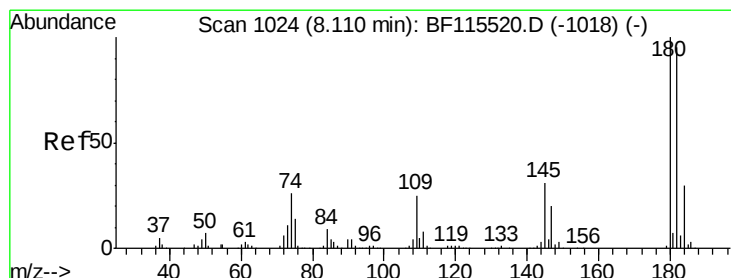
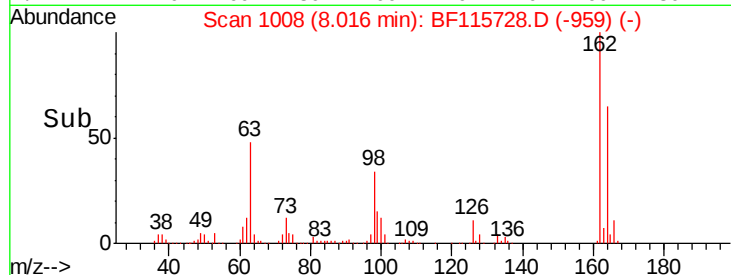
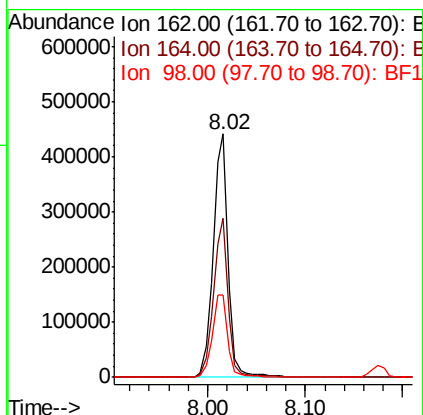
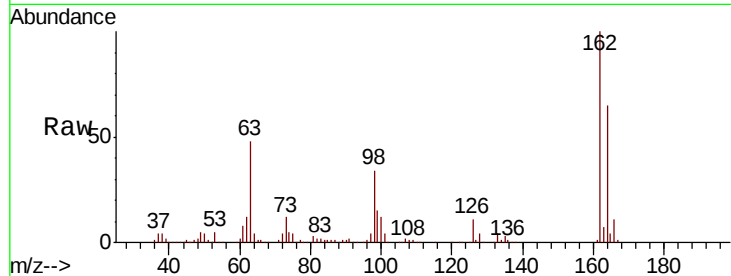




#29
 2,4-Dichlorophenol
 Concen: 45.415 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

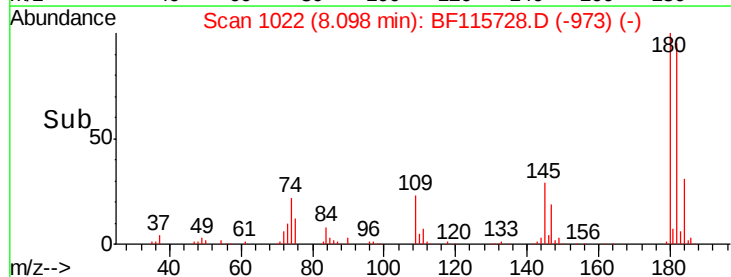
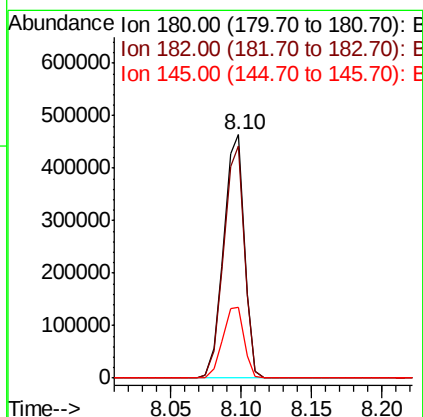
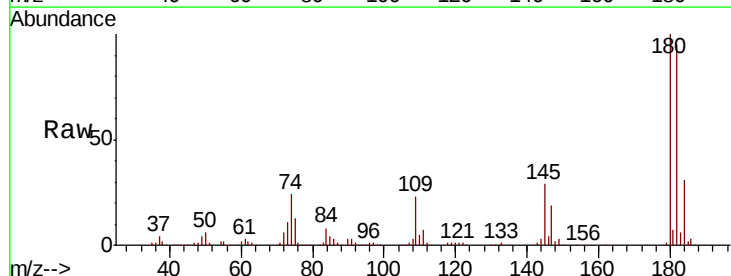
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMSD

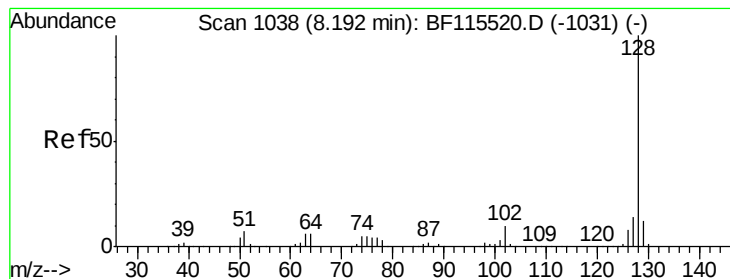
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	34.0	17.7	57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 41.031 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	29.3	25.1	37.7





#31

Naphthalene

Concen: 43.569 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

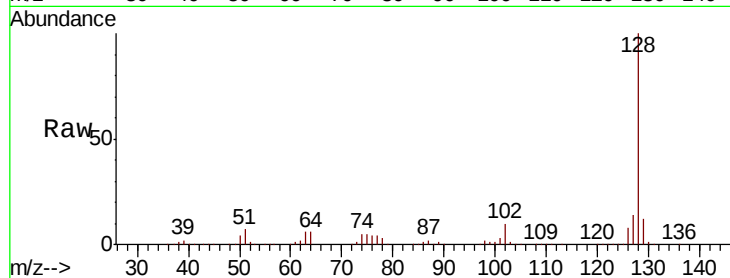
Tgt Ion:128 Resp: 1450872

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

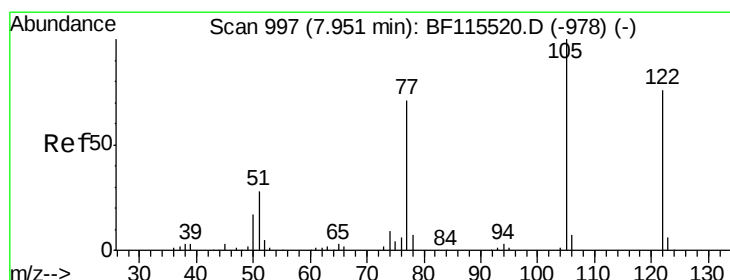
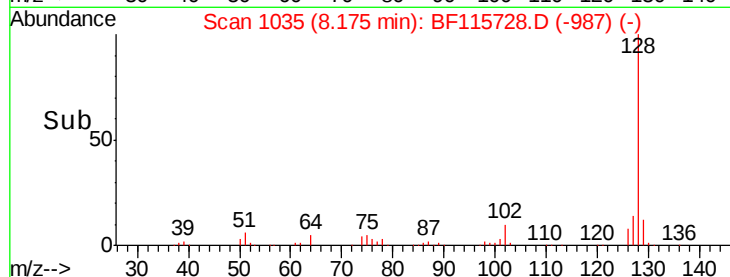
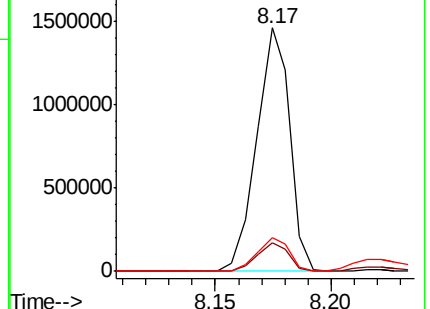
127 13.9 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.648 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

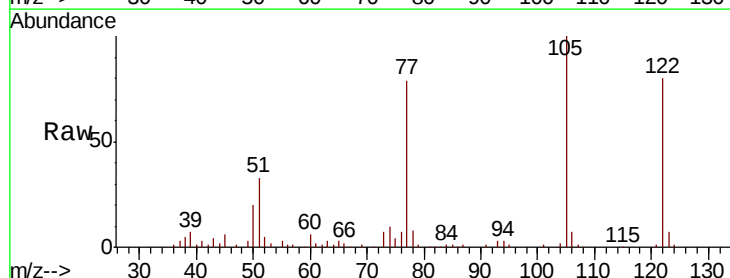
Tgt Ion:122 Resp: 214819

Ion Ratio Lower Upper

122 100

105 124.7 102.5 142.5

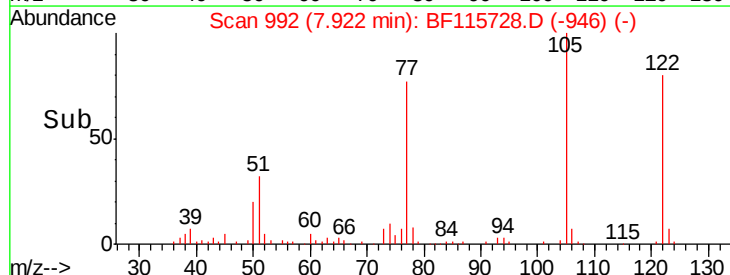
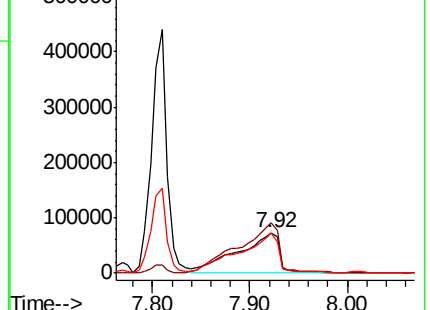
77 98.0 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

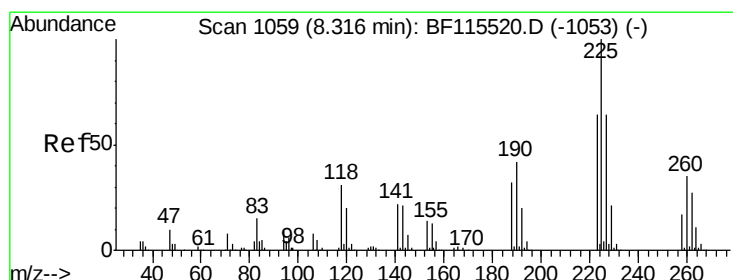
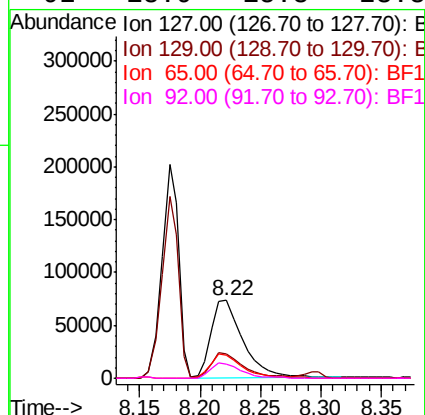
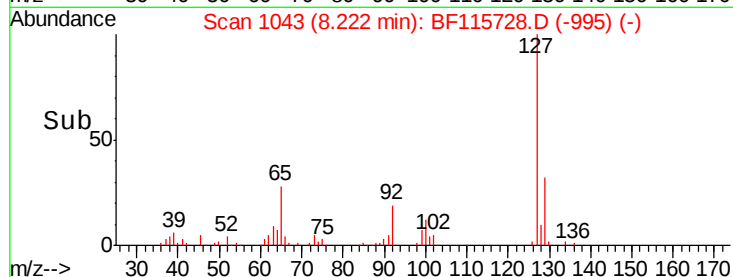
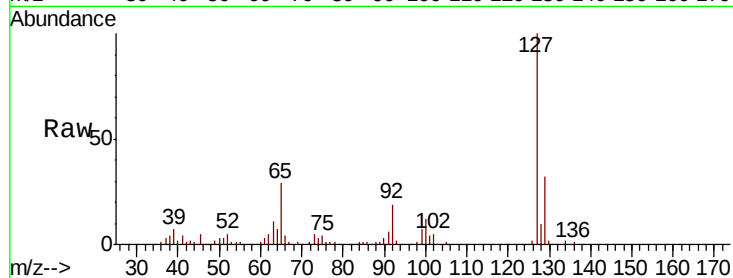




#33
4-Chloroaniline
Concen: 9.112 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

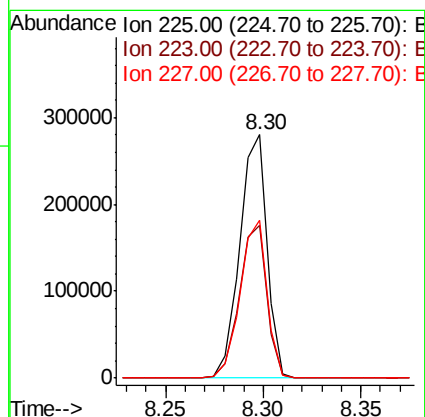
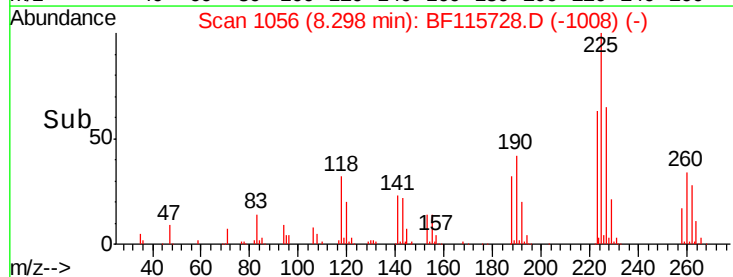
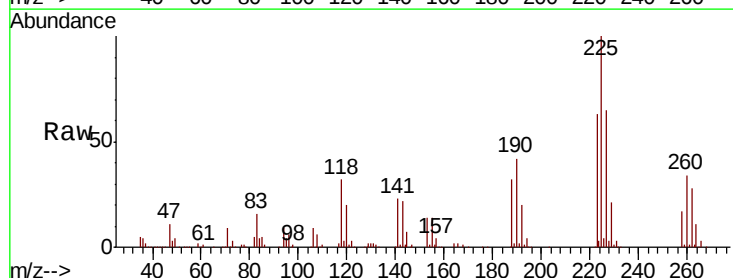
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tgt Ion:	127	Resp:	134410
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	39.8
65	28.9	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.965 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:	225	Resp:	271269
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	65.1	50.7	76.1

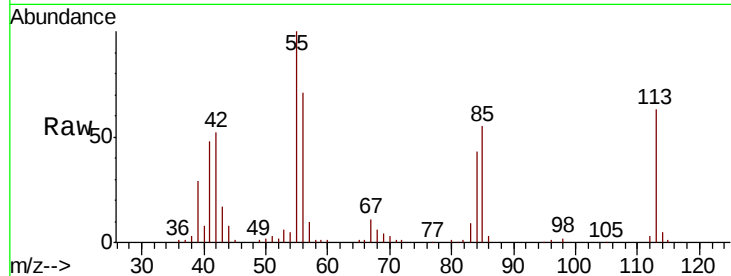




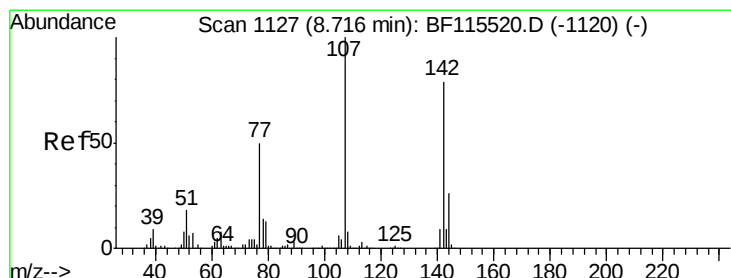
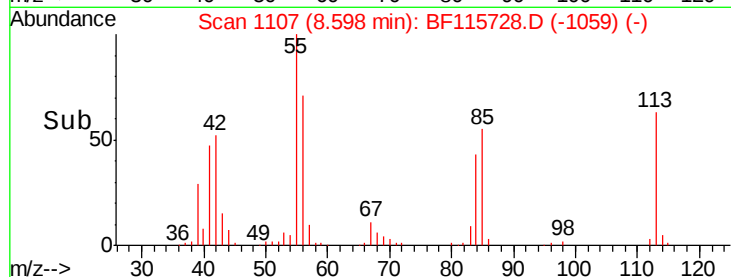
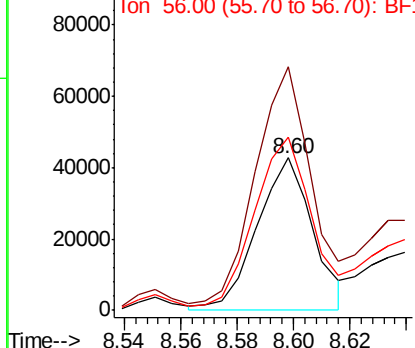
#35
 Caprolactam
 Concen: 18.528 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

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

Tgt Ion:113 Resp: 58490
 Ion Ratio Lower Upper
 113 100
 55 159.7 126.9 166.9
 56 113.4 90.3 130.3

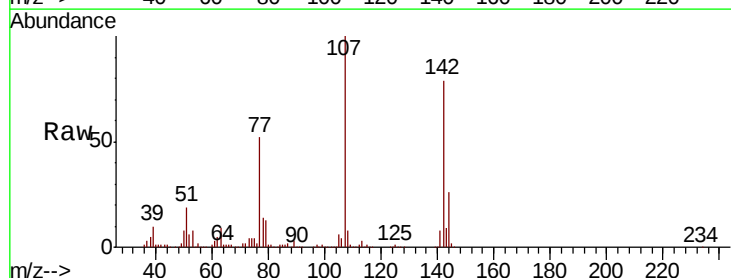


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

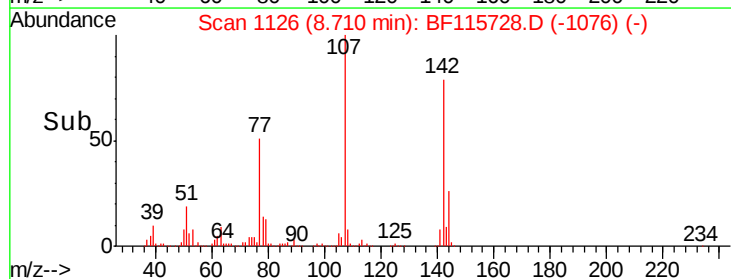
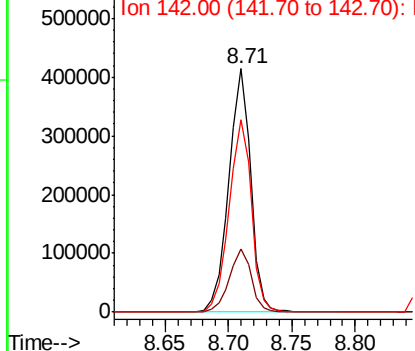


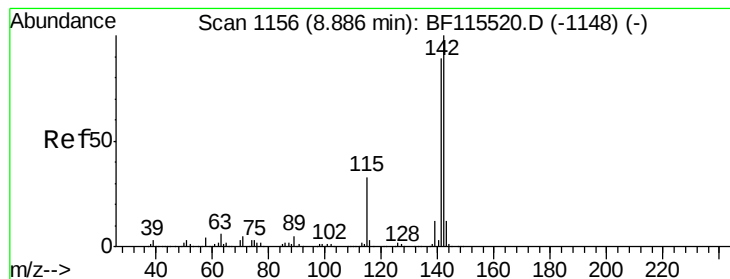
#36
 4-Chloro-3-methylphenol
 Concen: 46.643 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion:107 Resp: 494272
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 30.8
 142 79.2 63.1 94.7



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





#37

2-Methylnaphthalene

Concen: 46.175 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

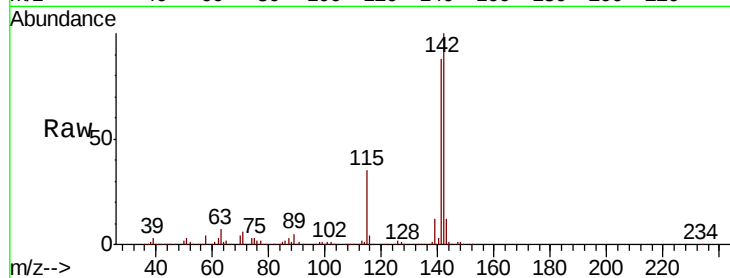
Tgt Ion:142 Resp: 1019268

Ion Ratio Lower Upper

142 100

141 88.1 72.0 108.0

115 34.6 29.9 44.9

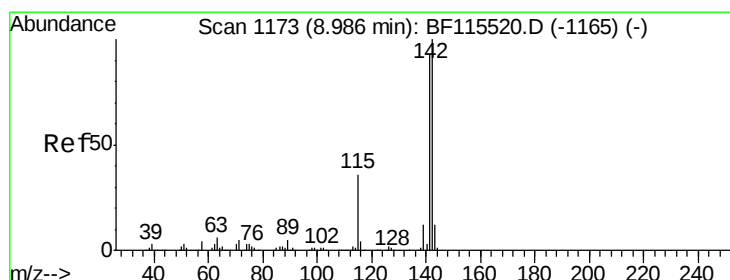
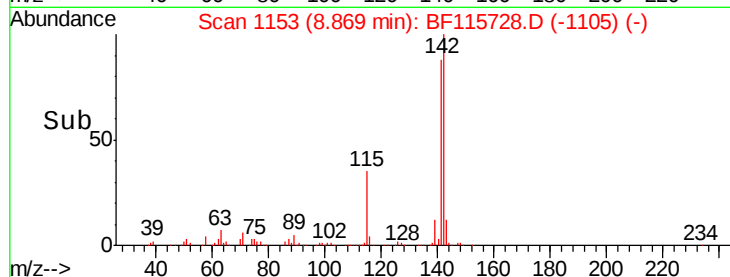
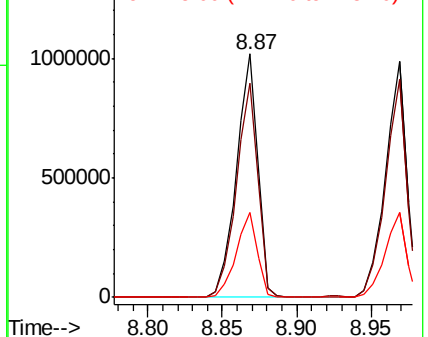


Abundance

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: 45.106 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

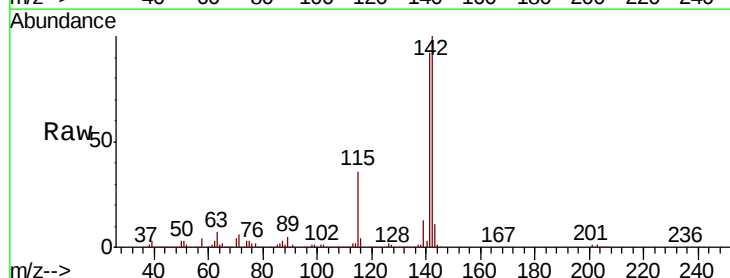
Tgt Ion:142 Resp: 945724

Ion Ratio Lower Upper

142 100

141 92.3 75.3 112.9

116 3.8 3.3 4.9

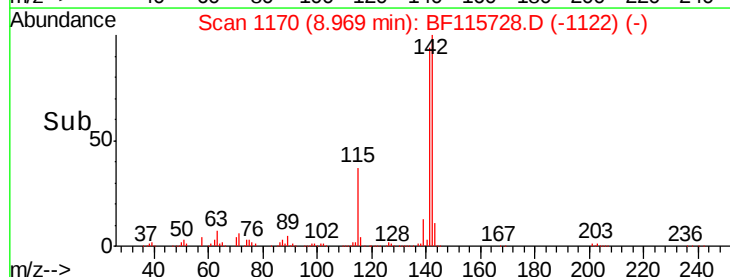
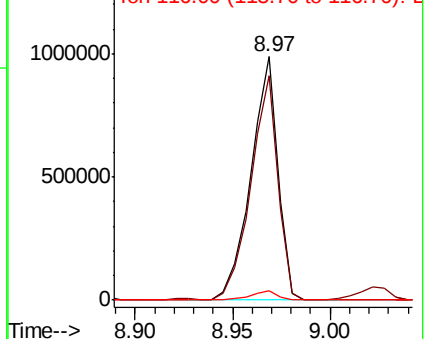


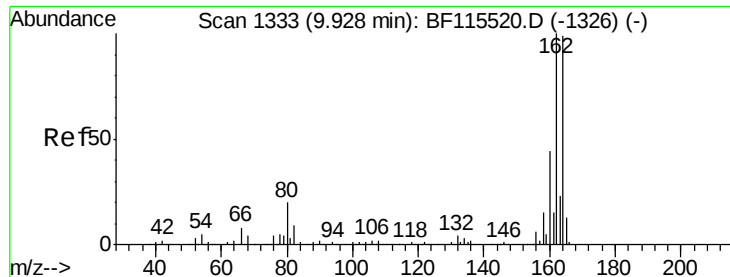
Abundance

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: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

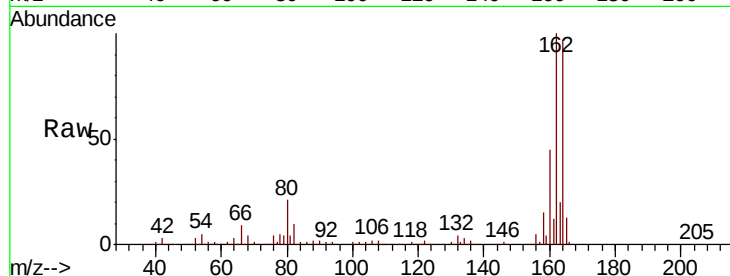
Tgt Ion:164 Resp: 384404

Ion Ratio Lower Upper

164 100

162 102.6 82.9 124.3

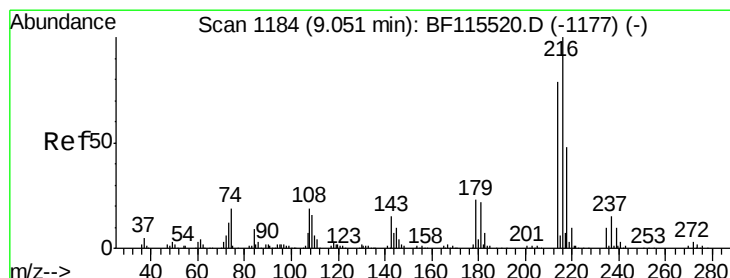
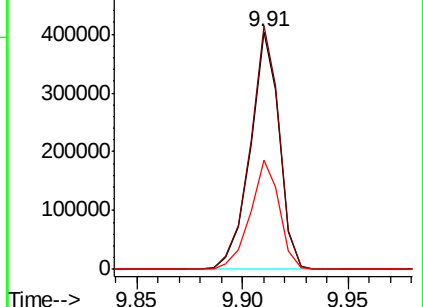
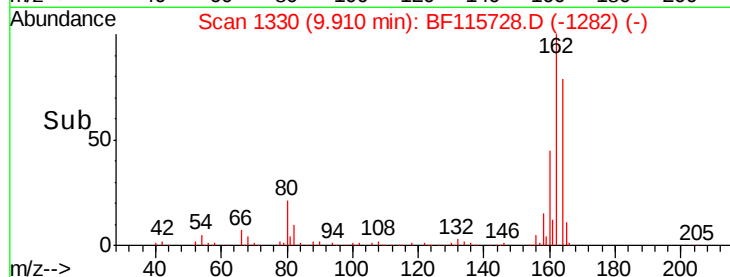
160 46.1 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.788 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Tgt Ion:216 Resp: 460574

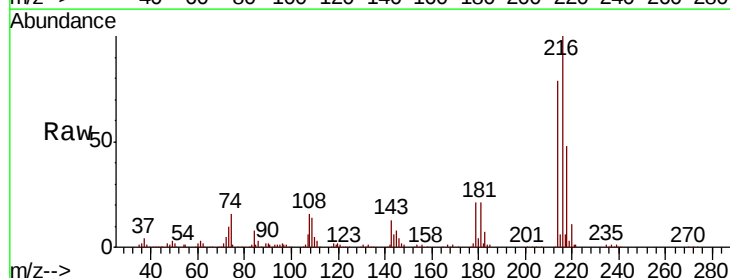
Ion Ratio Lower Upper

216 100

214 79.1 65.1 97.7

179 22.0 18.3 27.5

108 21.5 15.7 23.5

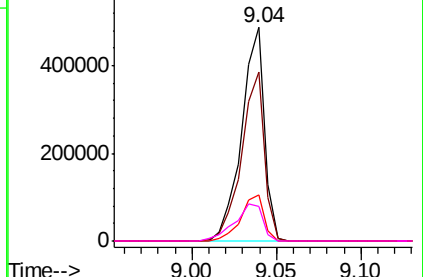
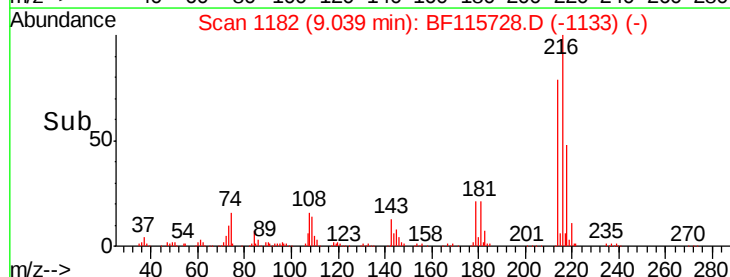


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.470 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

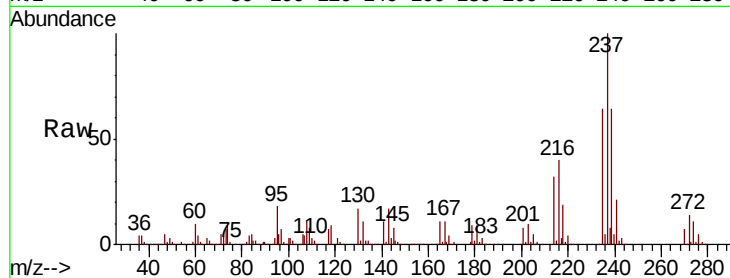
Tgt Ion:237 Resp: 458730

Ion Ratio Lower Upper

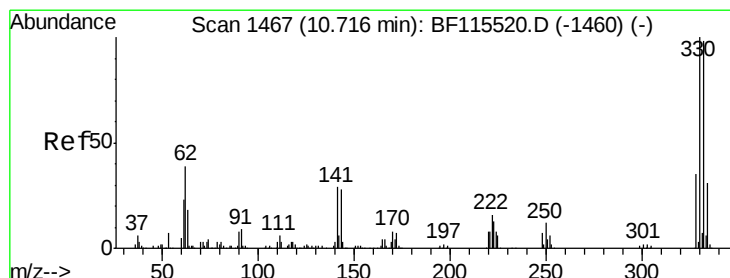
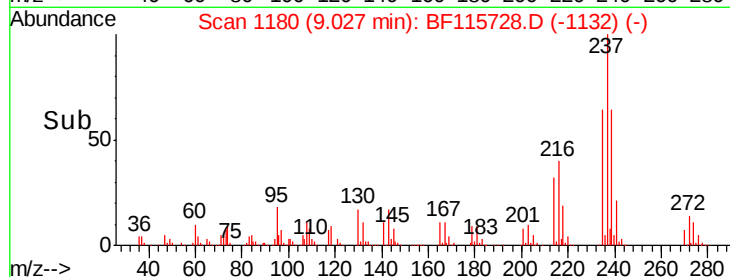
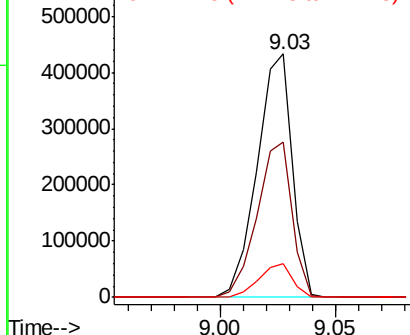
237 100

235 63.9 43.6 83.6

272 13.7 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: 127.861 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

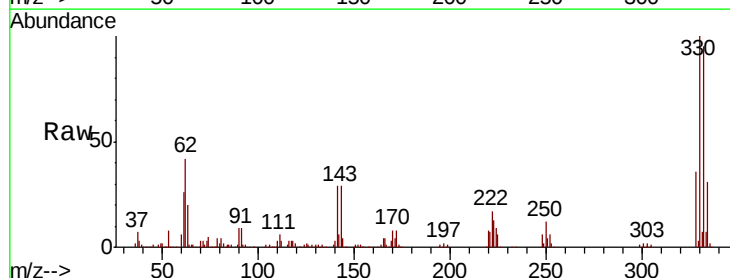
Tgt Ion:330 Resp: 573701

Ion Ratio Lower Upper

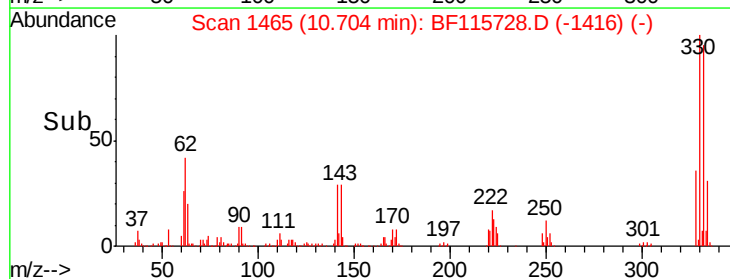
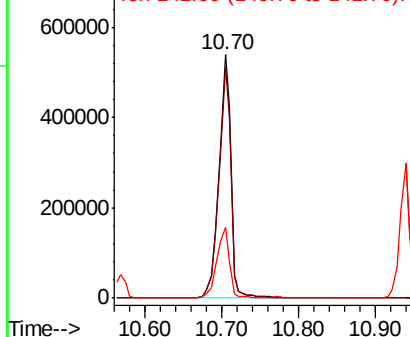
330 100

332 95.2 77.4 116.2

141 30.3 22.4 33.6



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

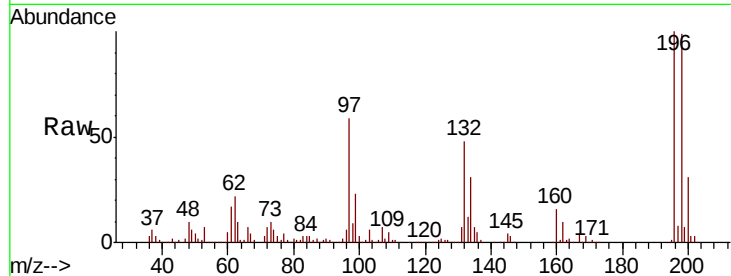




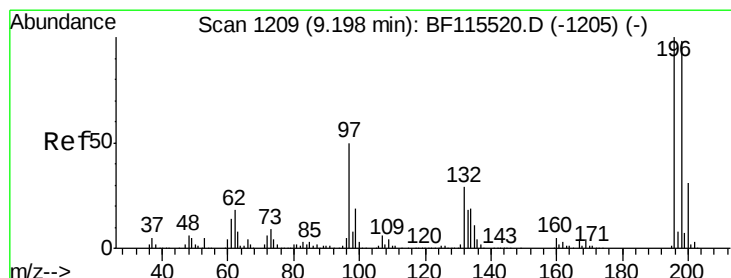
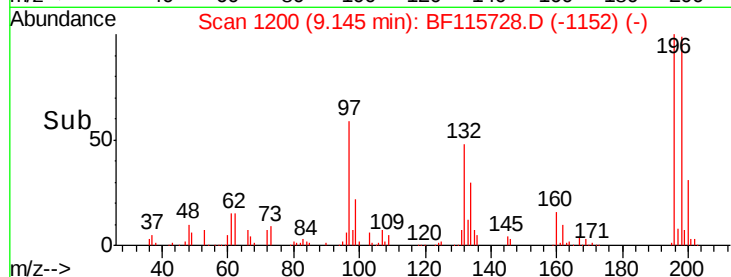
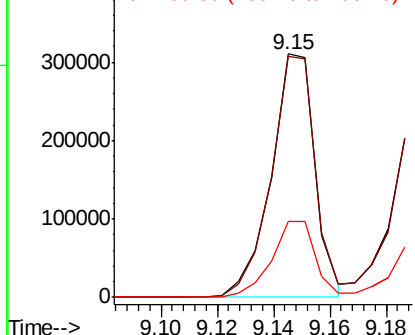
#43
 2,4,6-Trichlorophenol
 Concen: 39.363 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

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

Tgt Ion:196 Resp: 333221
 Ion Ratio Lower Upper
 196 100
 198 99.3 80.6 121.0
 200 31.2 25.8 38.6



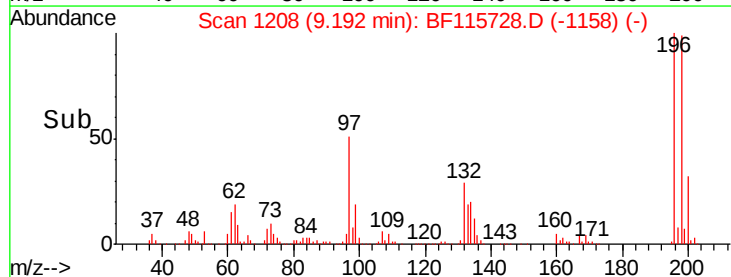
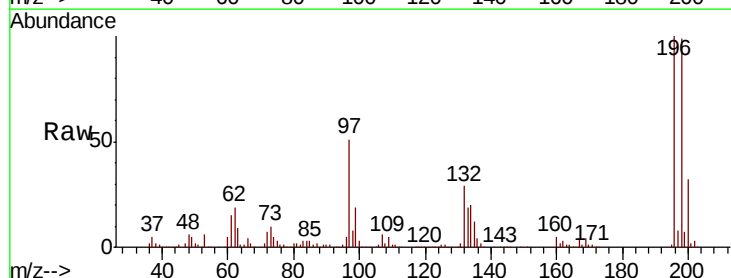
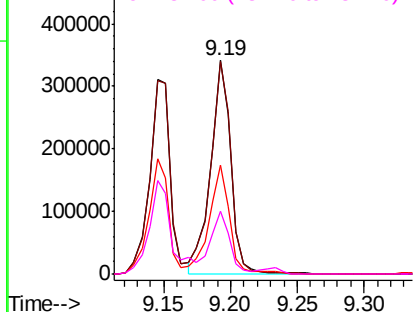
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

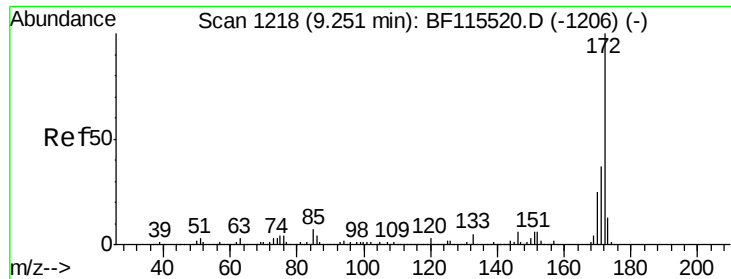


#44
 2,4,5-Trichlorophenol
 Concen: 41.981 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion:196 Resp: 363949
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.6 119.4
 97 50.7 37.8 56.6
 132 29.3 22.8 34.2

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

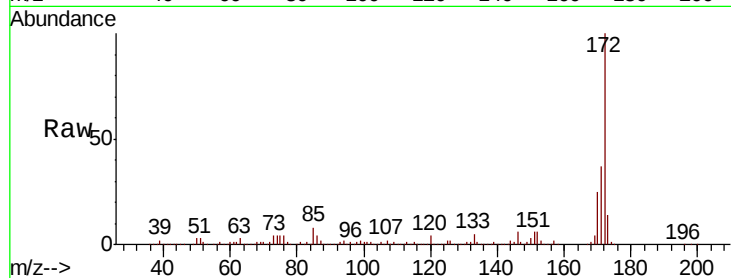




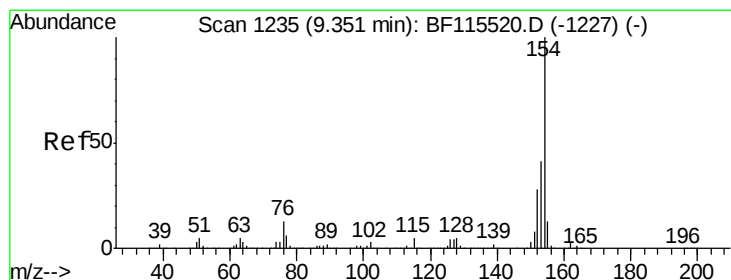
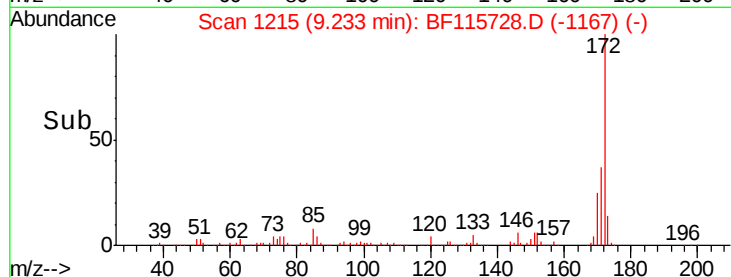
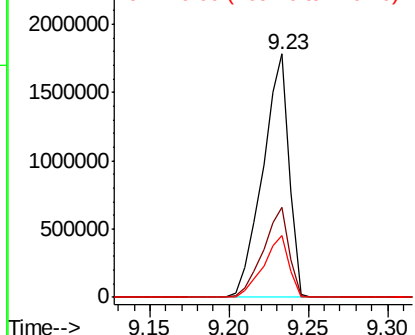
#45
 2-Fluorobiphenyl
 Concen: 94.062 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

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

Tgt Ion:172 Resp: 2065835
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 46.0
 170 25.3 20.5 30.7

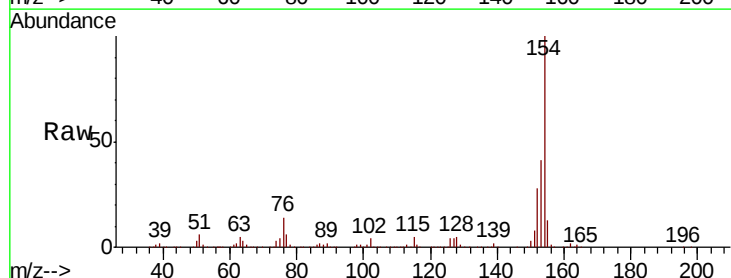


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

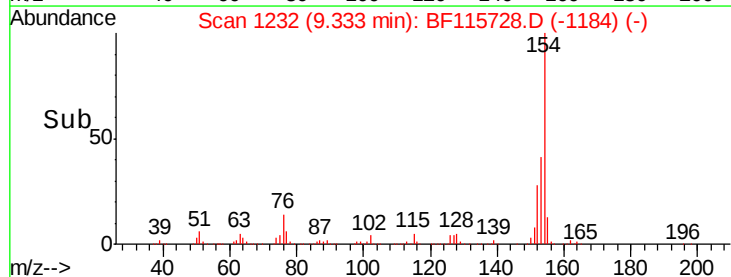
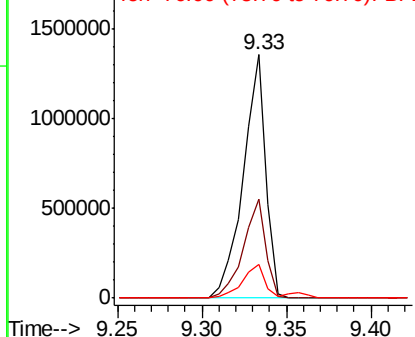


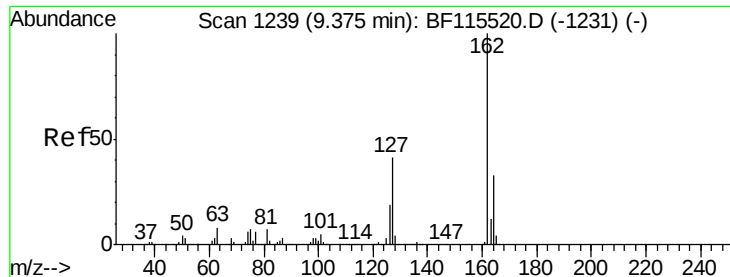
#46
 1,1'-Biphenyl
 Concen: 42.051 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion:154 Resp: 1263738
 Ion Ratio Lower Upper
 154 100
 153 40.9 22.6 62.6
 76 13.9 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: 40.099 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

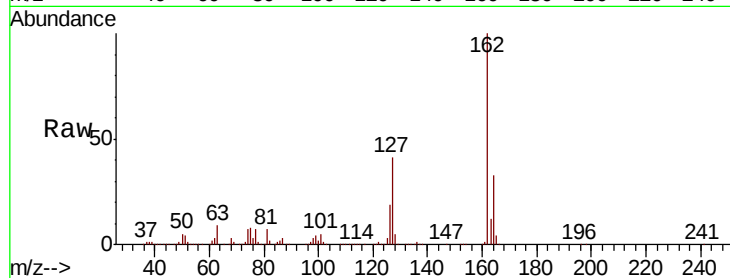
Tgt Ion:162 Resp: 1003404

Ion Ratio Lower Upper

162 100

127 41.2 34.1 51.1

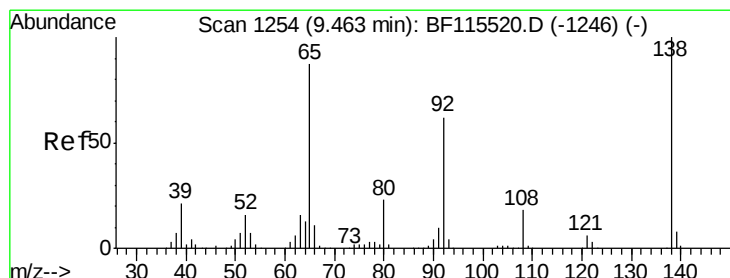
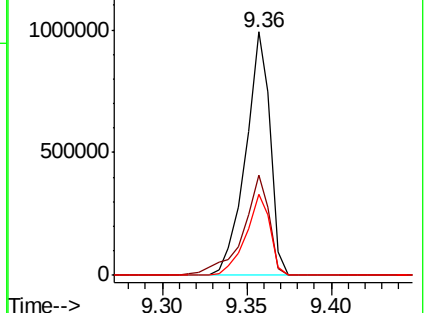
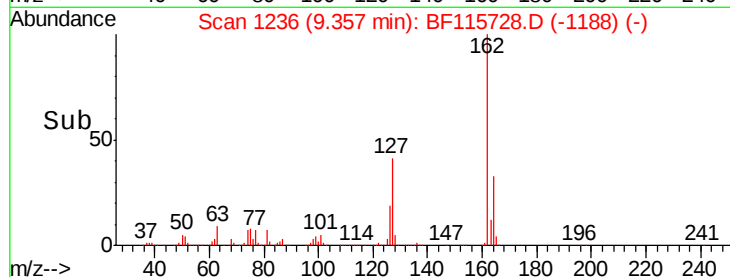
164 33.5 27.4 41.2



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: 41.499 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

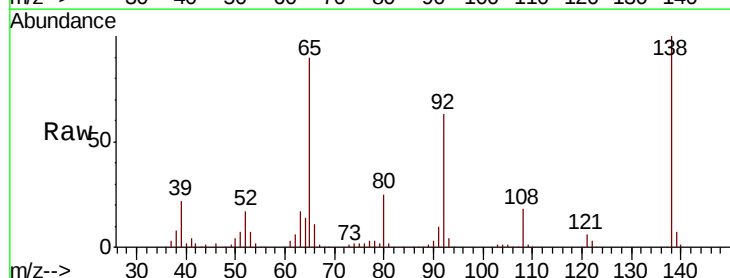
Tgt Ion: 65 Resp: 321411

Ion Ratio Lower Upper

65 100

92 69.8 57.8 86.6

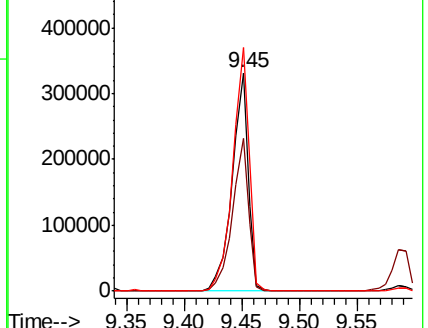
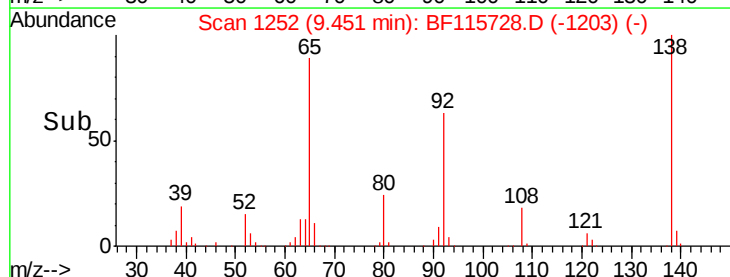
138 111.5 91.2 136.8

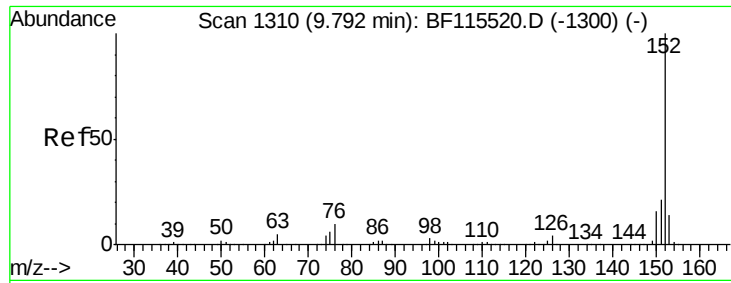


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.910 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

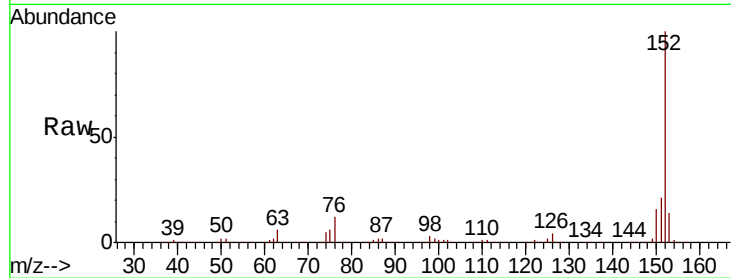
Tgt Ion:152 Resp: 1553963

Ion Ratio Lower Upper

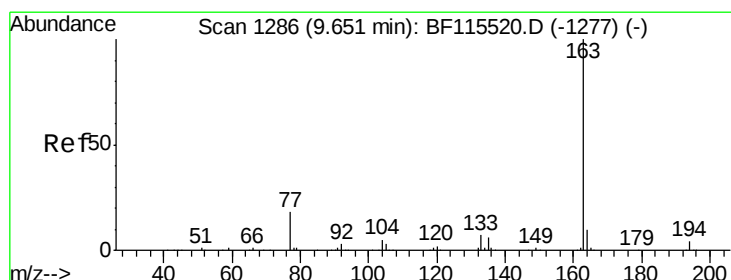
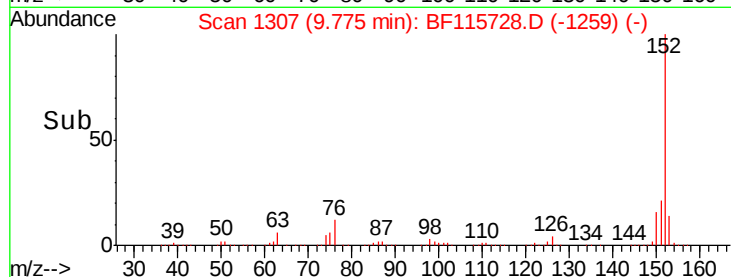
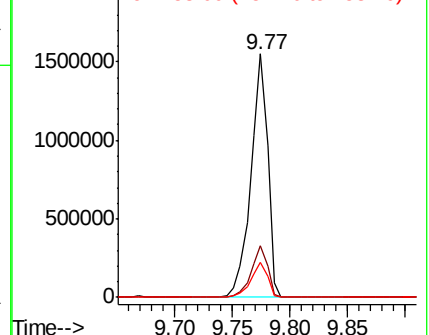
152 100

151 21.1 17.7 26.5

153 14.4 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: 45.173 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

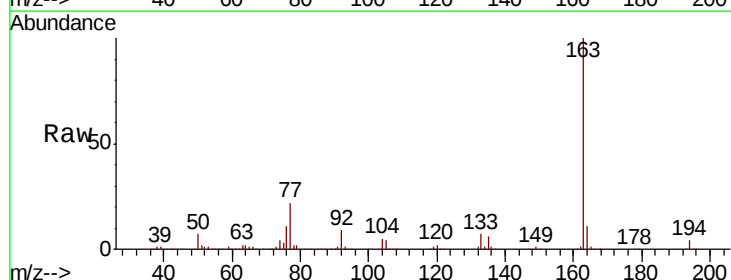
Tgt Ion:163 Resp: 1306472

Ion Ratio Lower Upper

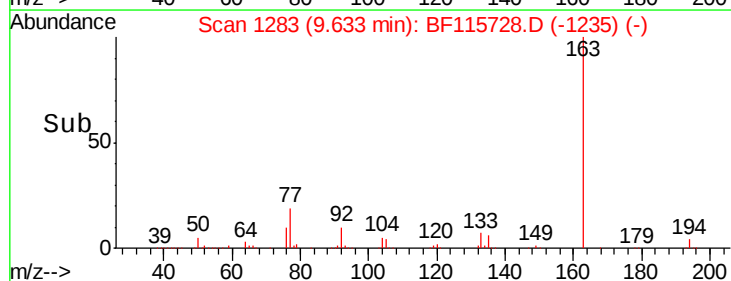
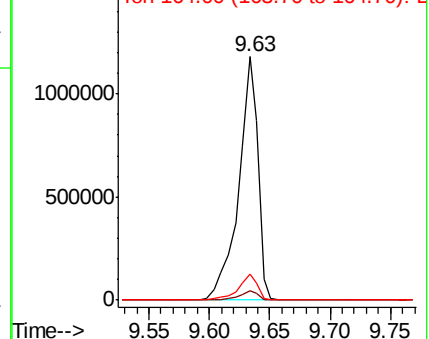
163 100

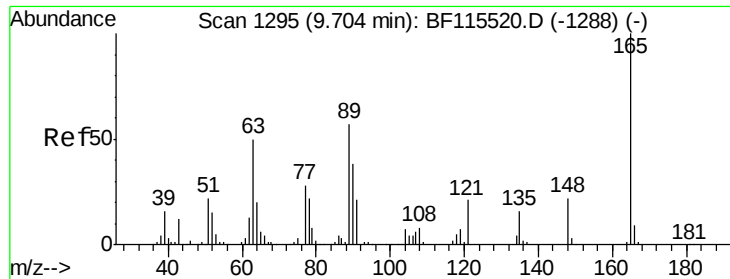
194 3.9 3.3 4.9

164 10.7 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: 43.160 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

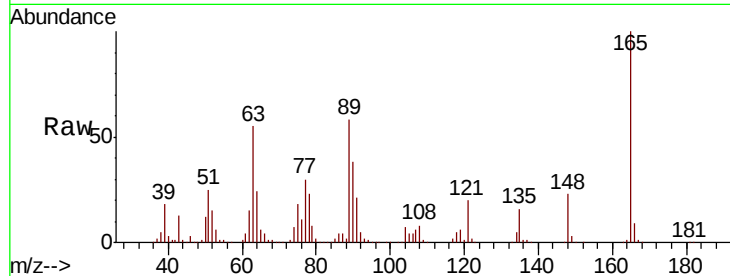
Tgt Ion:165 Resp: 283670

Ion Ratio Lower Upper

165 100

63 54.7 40.6 61.0

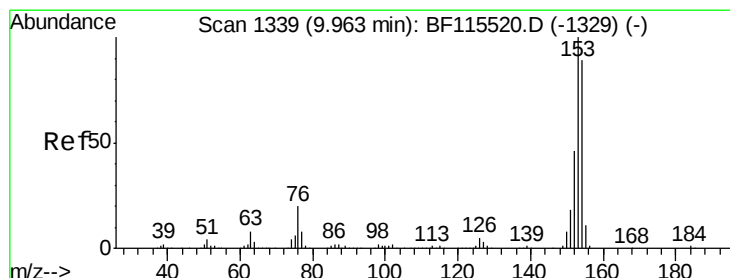
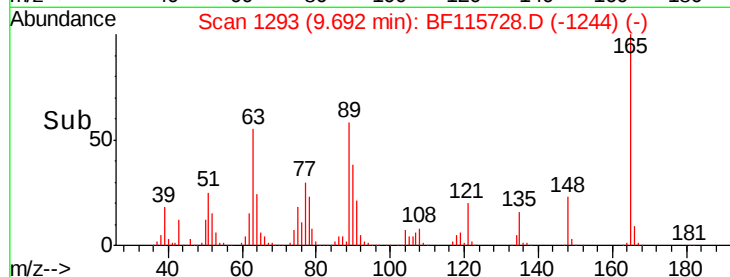
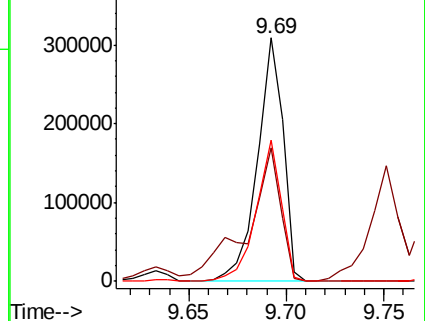
89 57.8 43.9 65.9



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: 39.598 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

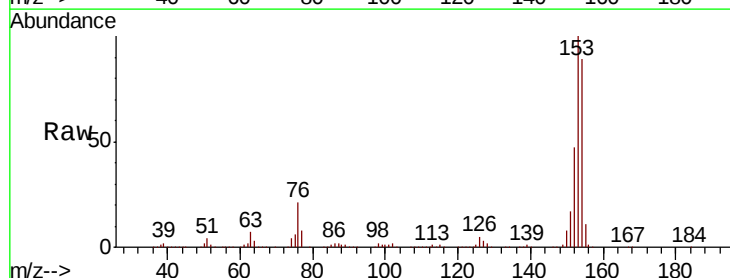
Tgt Ion:154 Resp: 947899

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

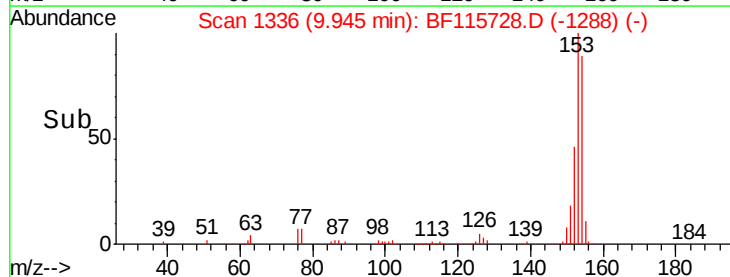
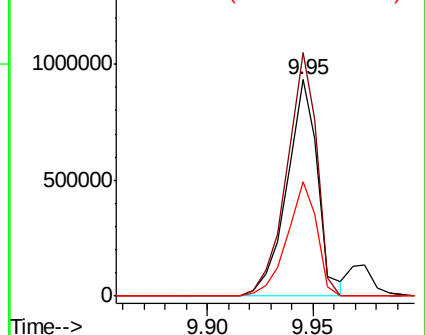
152 52.6 42.3 63.5

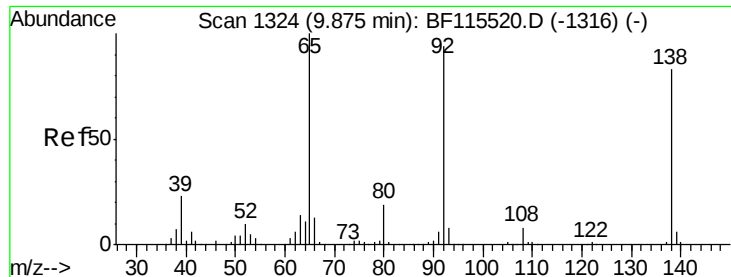


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

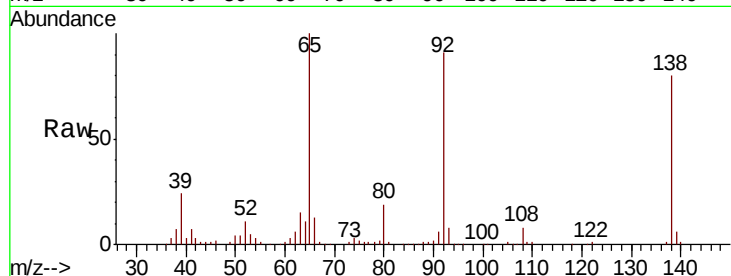




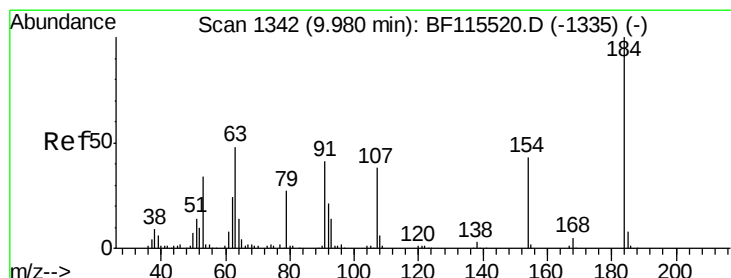
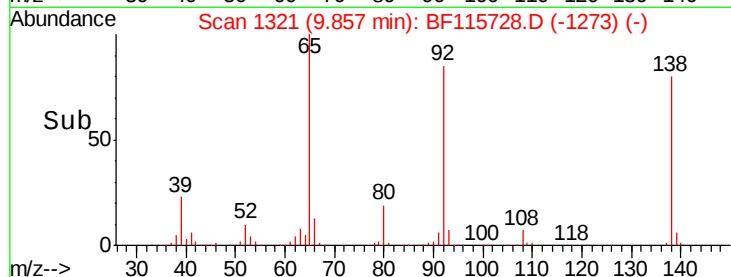
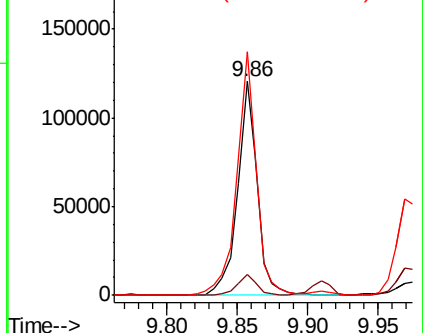
#53
3-Nitroaniline
Concen: 15.554 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

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

Tgt Ion:138 Resp: 116824
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 113.9 88.0 132.0

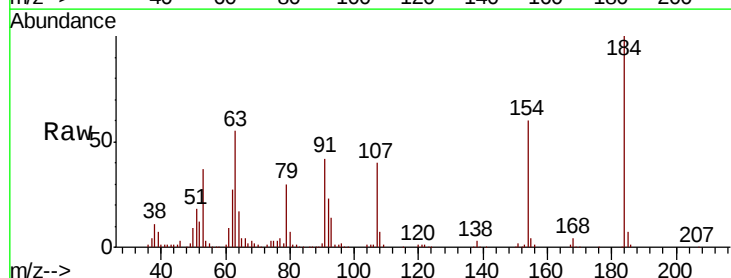


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

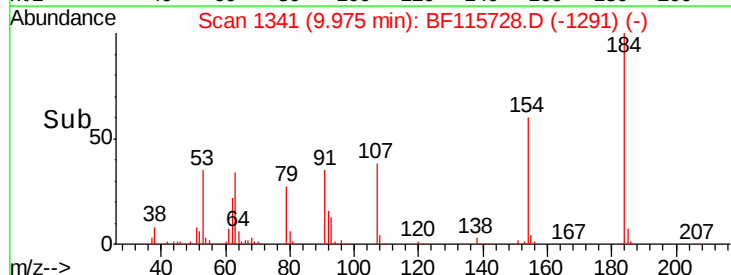
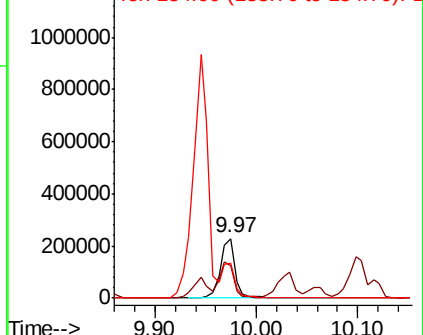


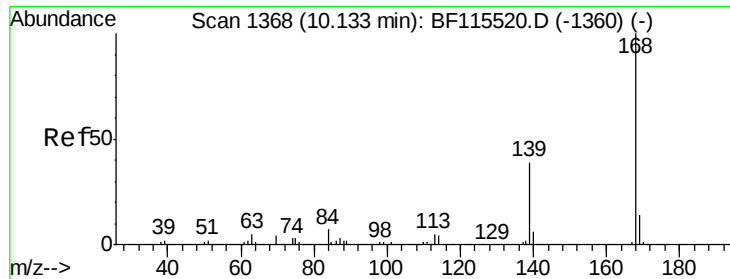
#54
2,4-Dinitrophenol
Concen: 68.866 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:184 Resp: 232387
Ion Ratio Lower Upper
184 100
63 54.8 48.7 73.1
154 59.7 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

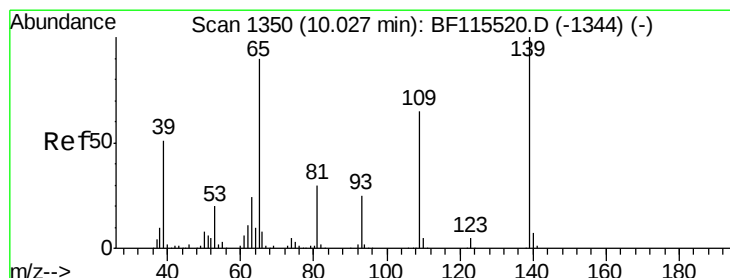
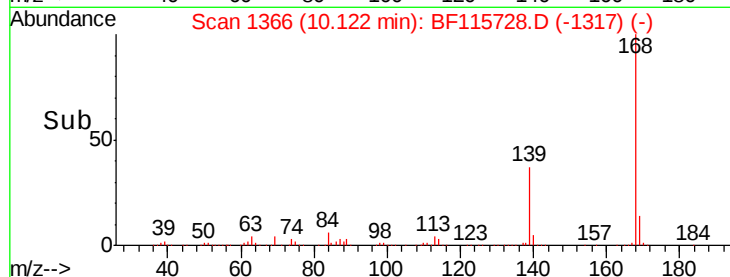
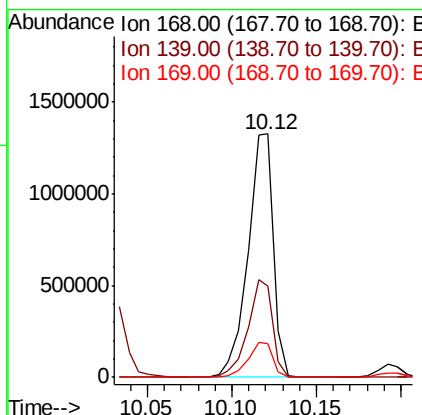
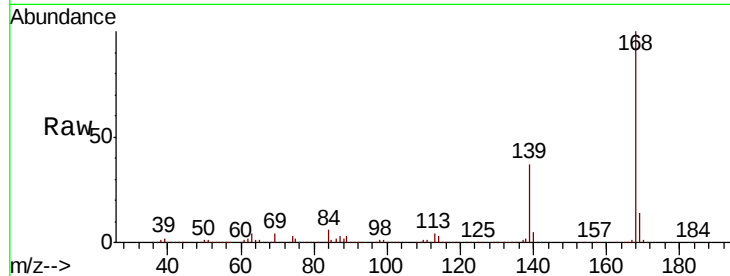




#55
Dibenzenofuran
Concen: 41.180 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

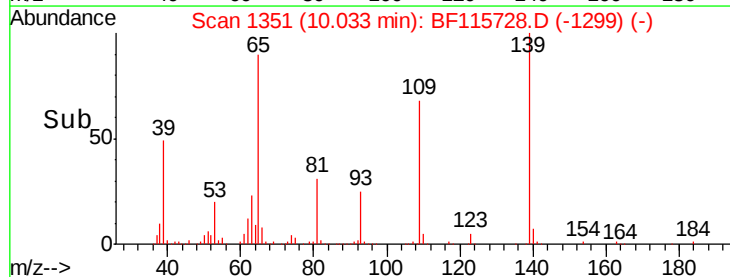
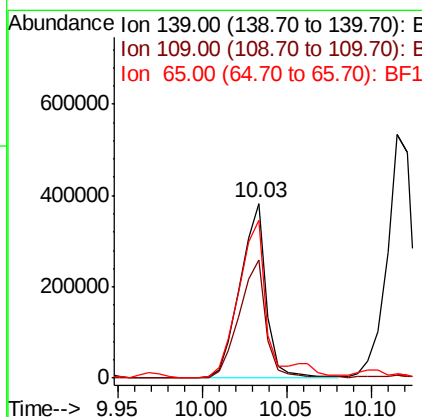
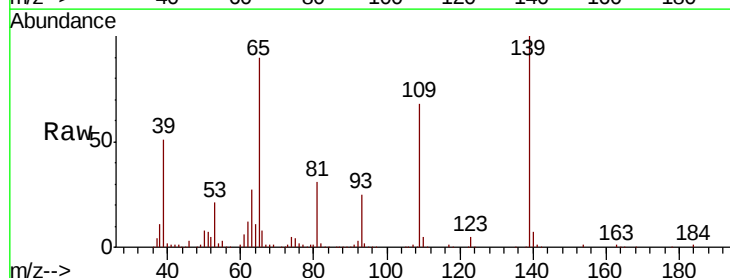
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

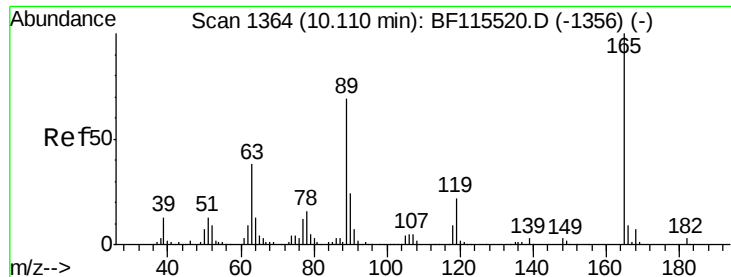
Tgt Ion:168 Resp: 1399937
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7
169 13.6 11.1 16.7



#56
4-Nitrophenol
Concen: 72.563 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:139 Resp: 415597
Ion Ratio Lower Upper
139 100
109 67.7 46.4 86.4
65 90.4 68.9 108.9

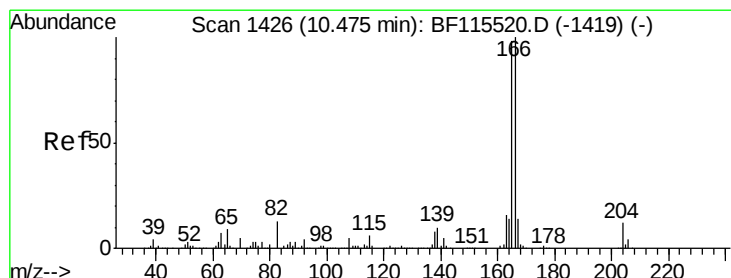
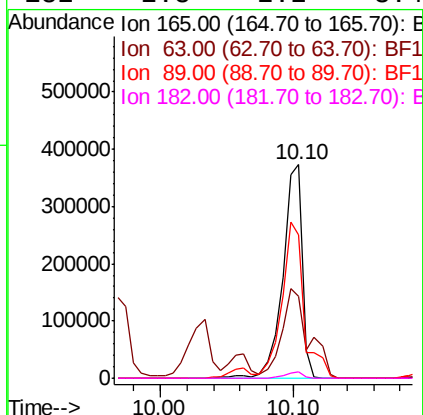
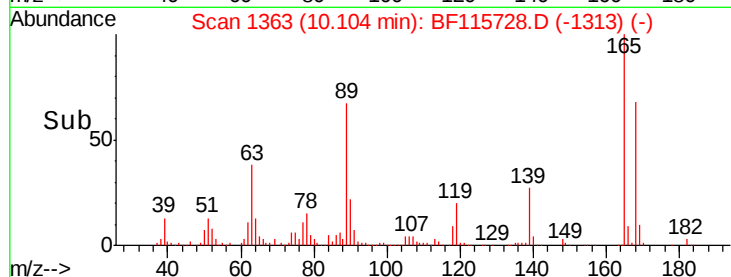
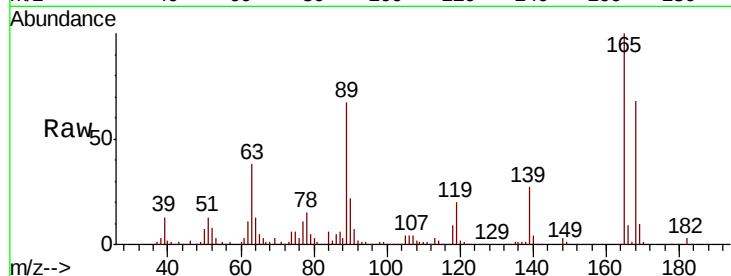




#57
2,4-Dinitrotoluene
Concen: 44.876 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

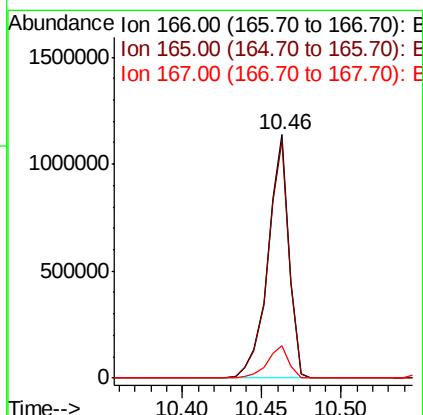
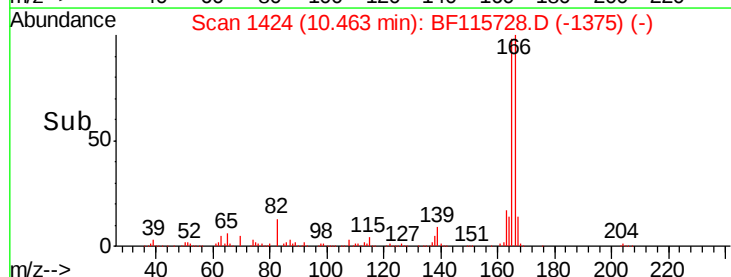
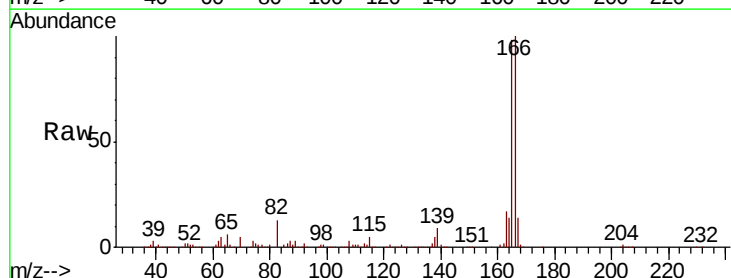
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tgt Ion:165 Resp: 382127
Ion Ratio Lower Upper
165 100
63 38.4 34.9 52.3
89 67.0 57.5 86.3
182 2.8 2.2 3.4



#58
Fluorene
Concen: 43.474 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:166 Resp: 1056533
Ion Ratio Lower Upper
166 100
165 97.6 79.8 119.6
167 13.5 11.2 16.8

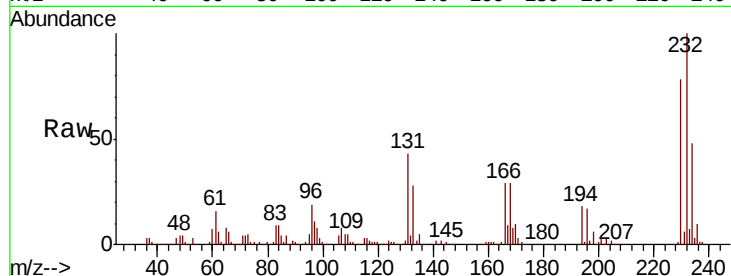




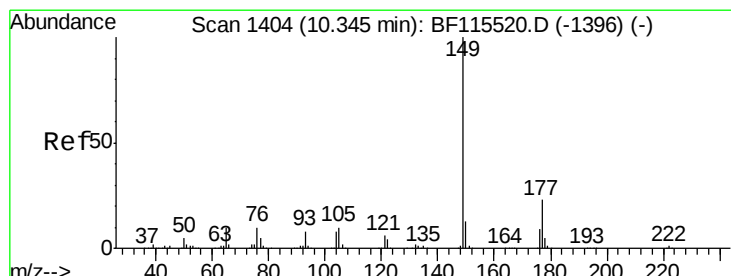
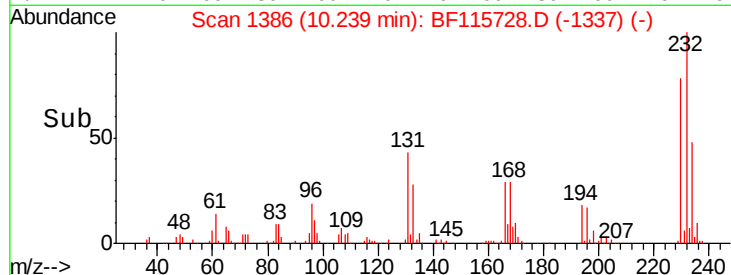
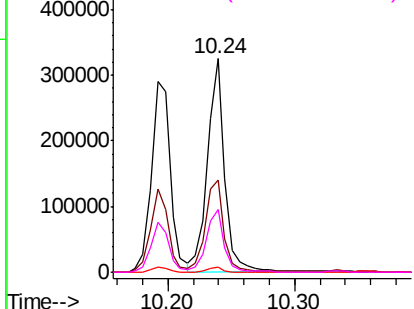
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.647 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

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

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.9	53.9
130	2.4	1.8	2.6
166	29.8	24.8	37.2

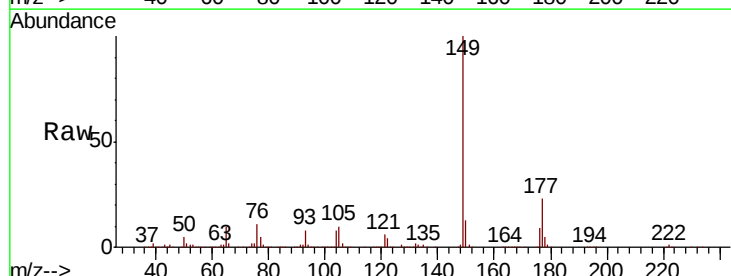


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

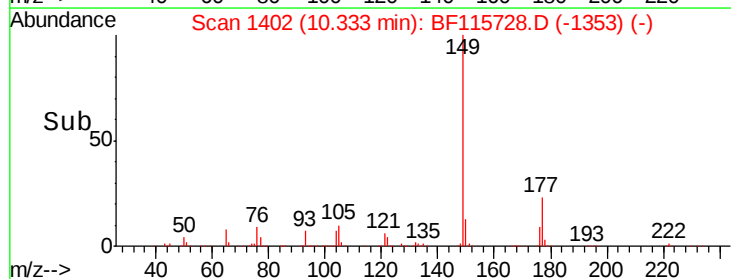
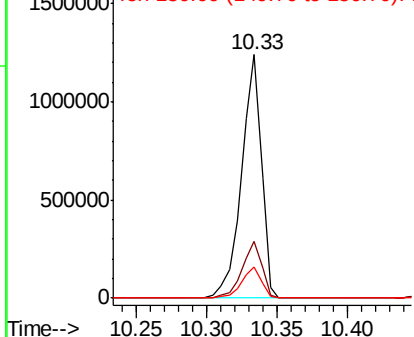


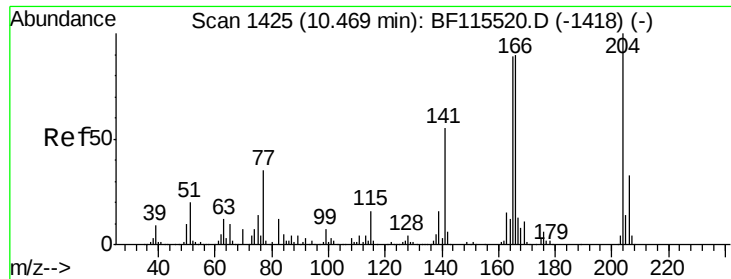
#60
 Diethylphthalate
 Concen: 44.839 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.5	29.3
150	12.8	10.4	15.6



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

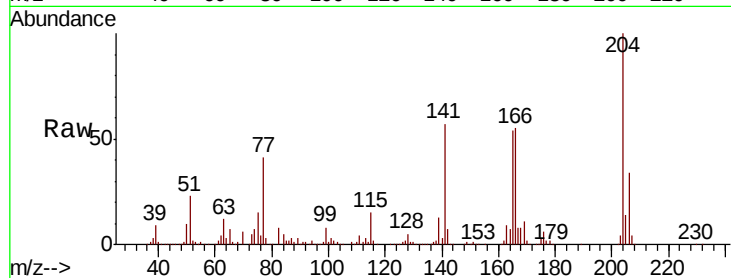




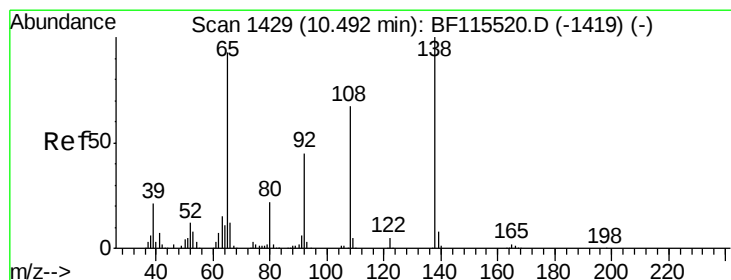
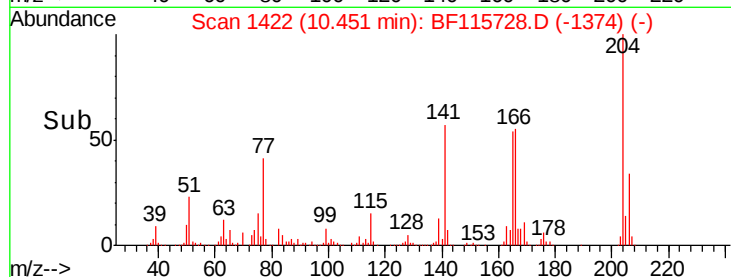
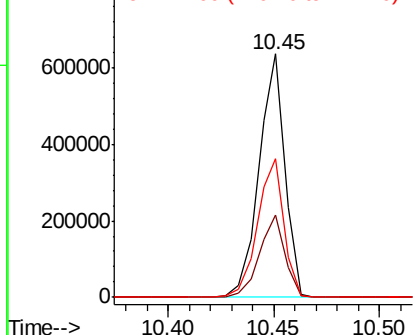
#61
 4-Chlorophenyl-phenylether
 Concen: 40.171 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

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

Tgt Ion: 204 Resp: 541397
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.7 40.1
 141 57.2 44.2 66.2

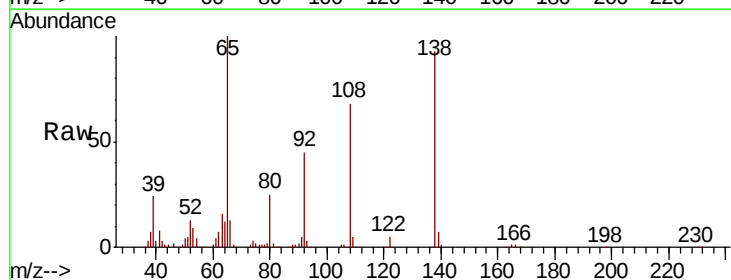


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

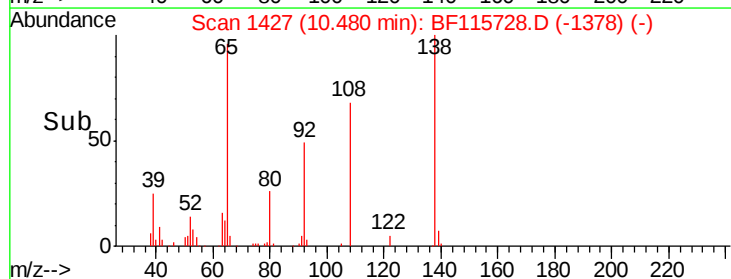
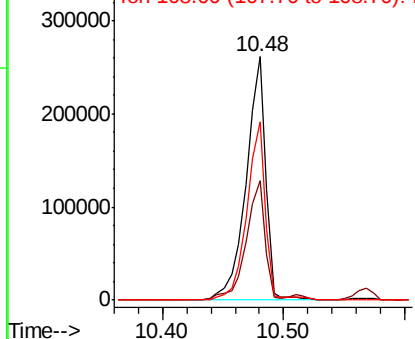


#62
 4-Nitroaniline
 Concen: 41.223 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion: 138 Resp: 296990
 Ion Ratio Lower Upper
 138 100
 92 48.8 27.1 67.1
 108 73.4 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: 46.206 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tgt Ion: 77 Resp: 1214477

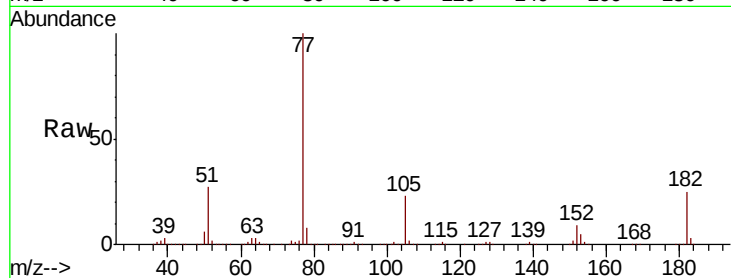
Ion Ratio Lower Upper

77 100

182 25.0 6.9 46.9

105 23.0 3.9 43.9

51 26.9 7.3 47.3

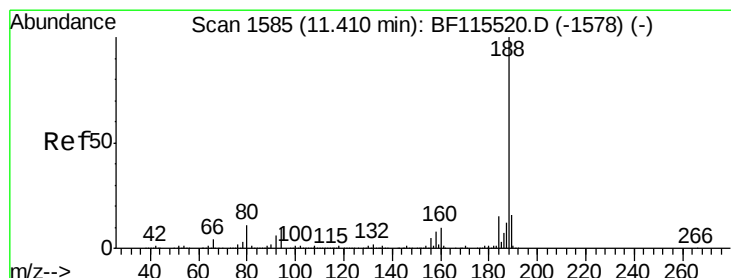
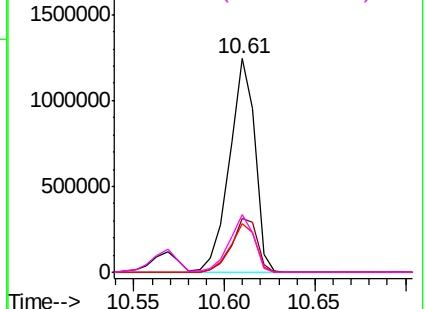
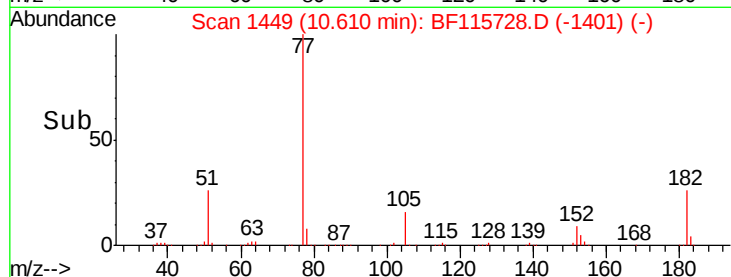


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

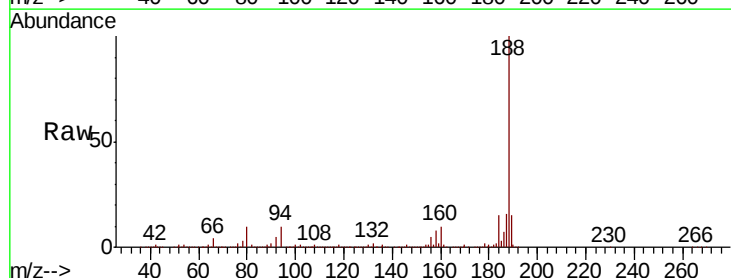
Tgt Ion: 188 Resp: 700467

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

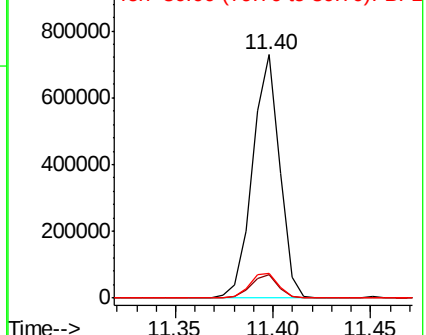
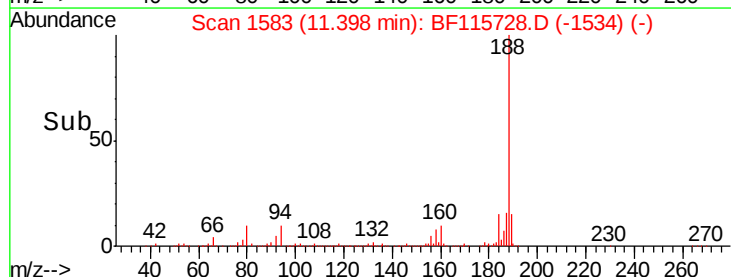
80 10.3 8.6 13.0

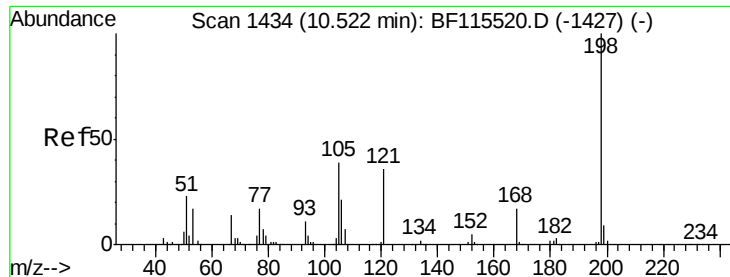


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

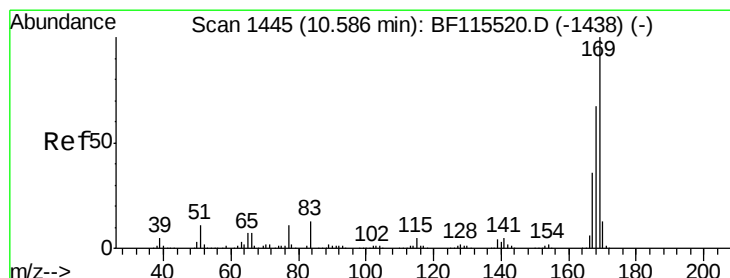
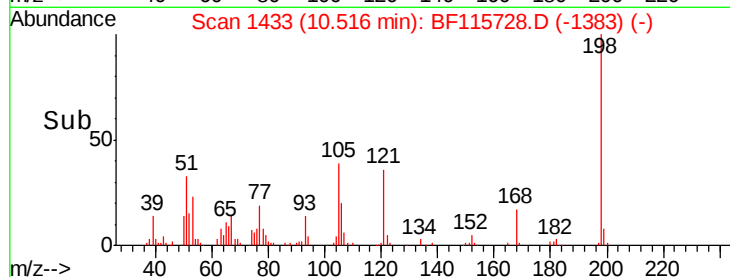
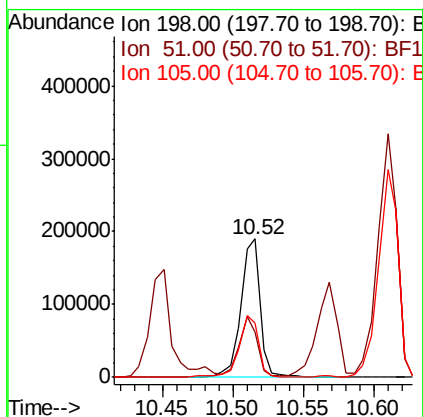
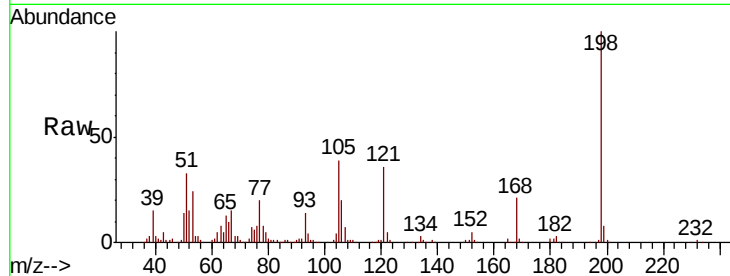




#65
4,6-Dinitro-2-methylphenol
Concen: 42.547 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

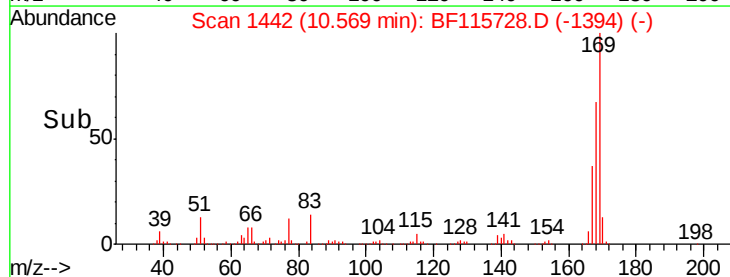
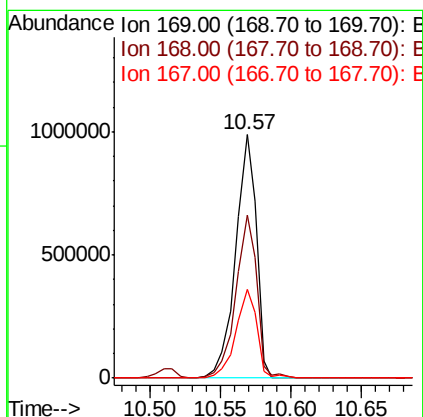
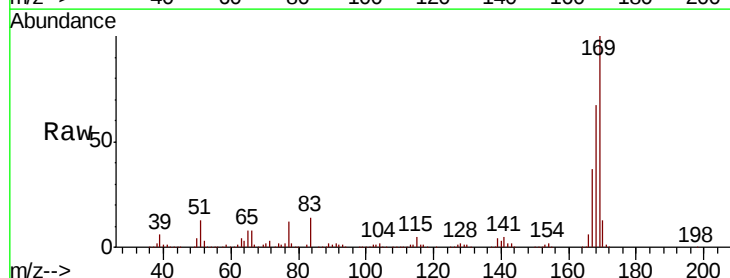
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

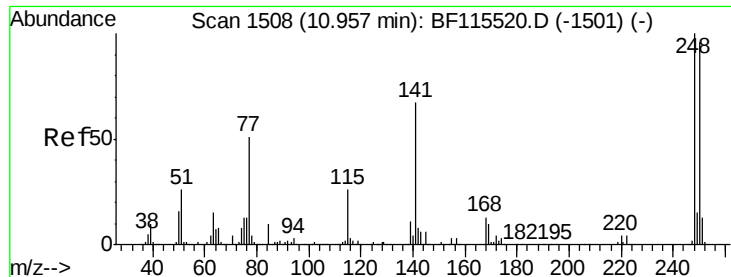
Tgt Ion:198 Resp: 182083
Ion Ratio Lower Upper
198 100
51 32.6 19.1 59.1
105 38.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.411 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:169 Resp: 1011240
Ion Ratio Lower Upper
169 100
168 66.8 54.3 81.5
167 36.7 30.2 45.2

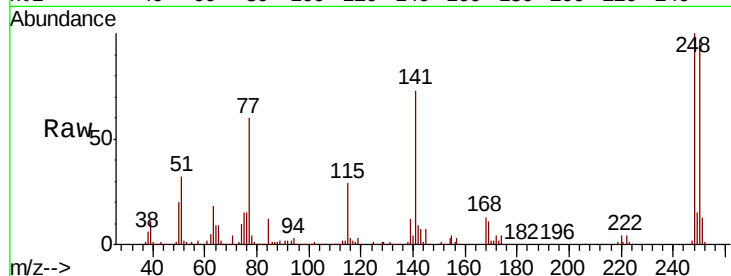




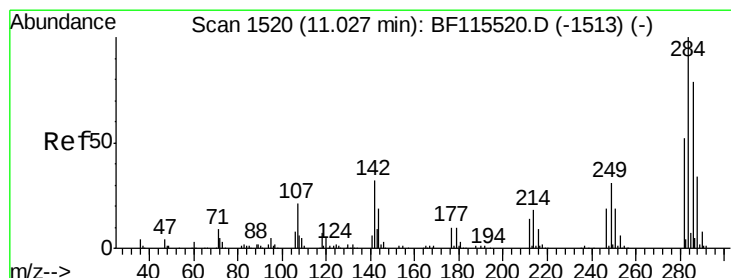
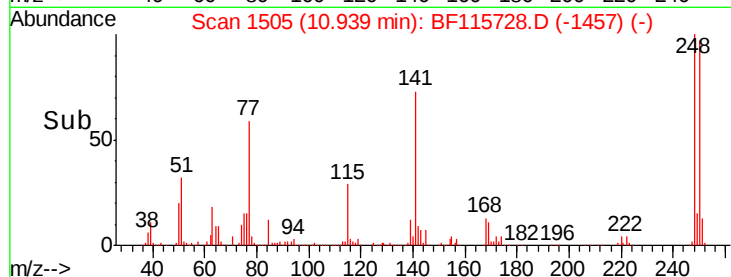
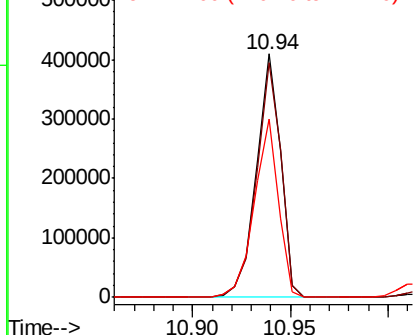
#67
4-Bromophenyl-phenylether
Concen: 44.120 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

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

Tgt Ion:248 Resp: 353168
Ion Ratio Lower Upper
248 100
250 96.5 78.0 117.0
141 73.1 57.7 86.5

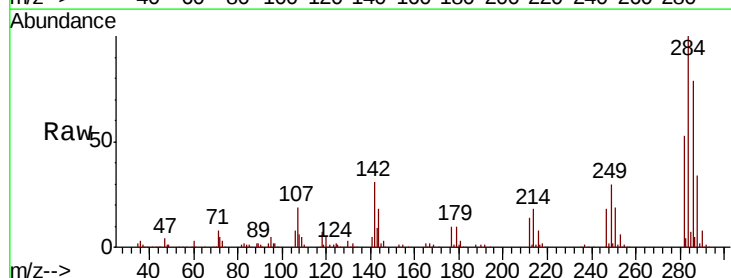


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

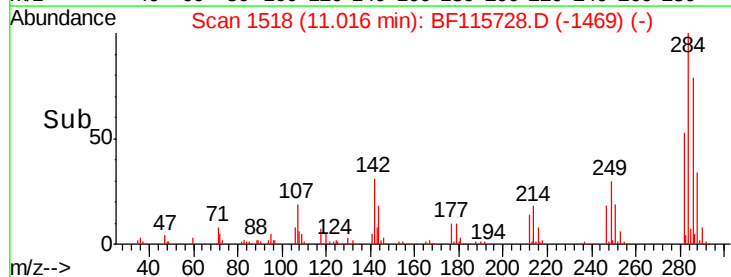
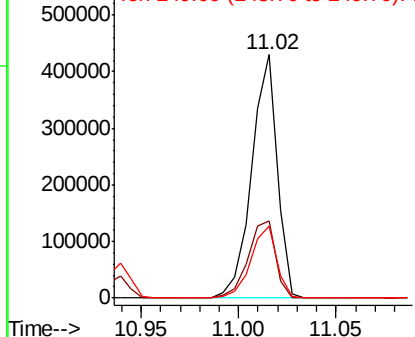


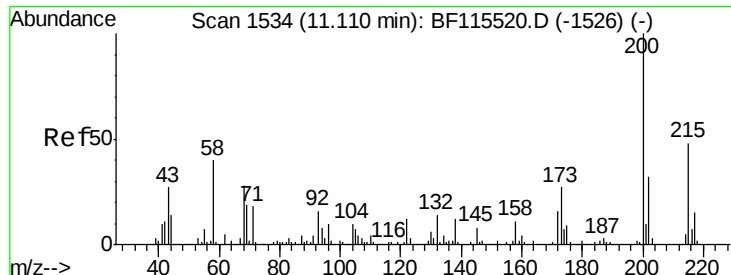
#68
Hexachlorobenzene
Concen: 42.768 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:284 Resp: 390957
Ion Ratio Lower Upper
284 100
142 31.5 22.2 33.2
249 29.7 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: 45.271 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

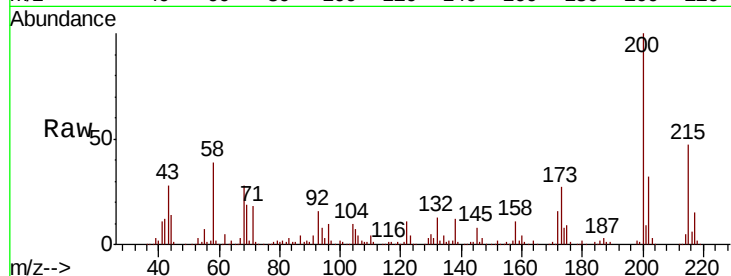
Tgt Ion:200 Resp: 323598

Ion Ratio Lower Upper

200 100

173 26.7 6.9 46.9

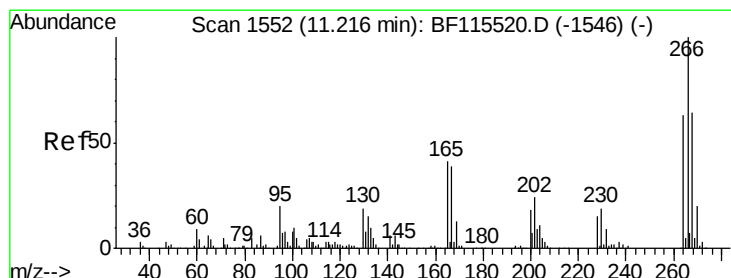
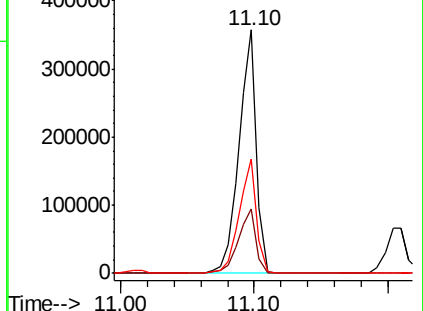
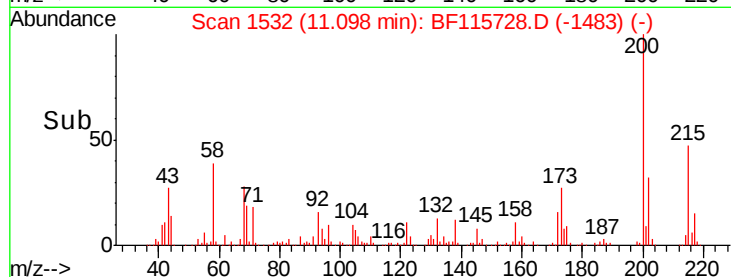
215 47.2 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.256 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

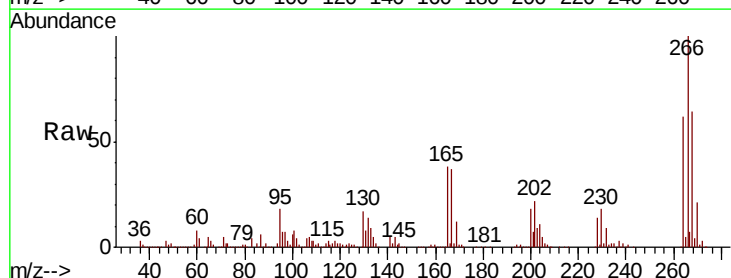
Tgt Ion:266 Resp: 415168

Ion Ratio Lower Upper

266 100

268 64.3 51.6 77.4

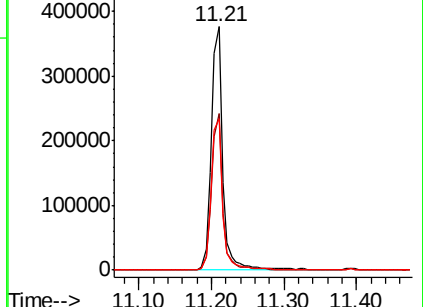
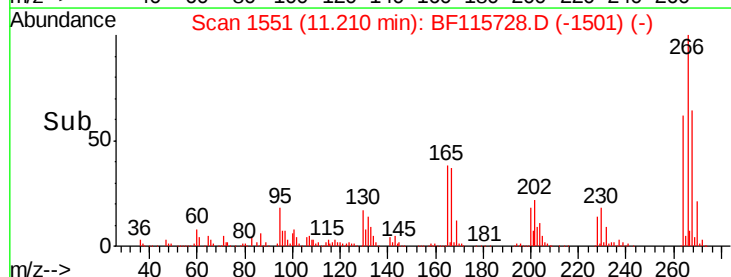
264 62.4 50.6 76.0

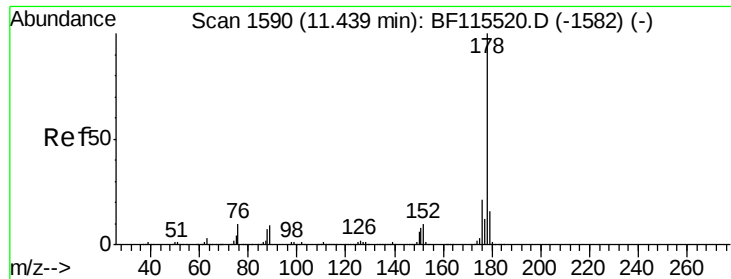


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

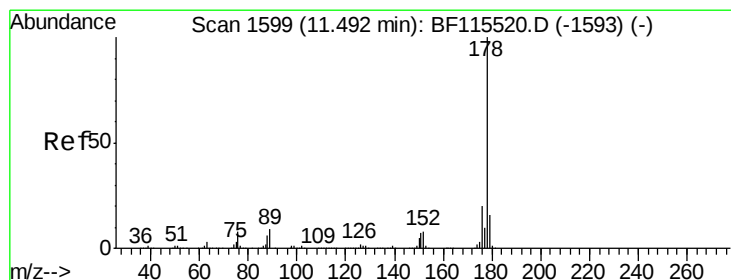
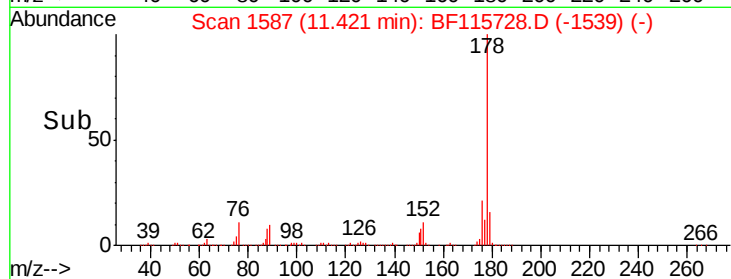
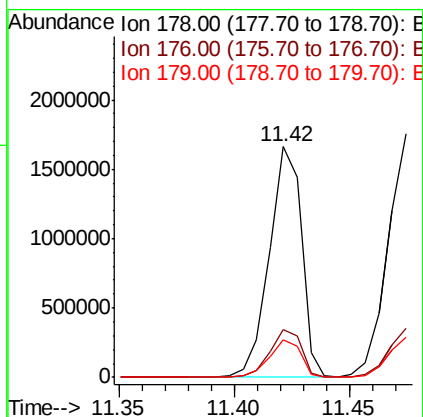
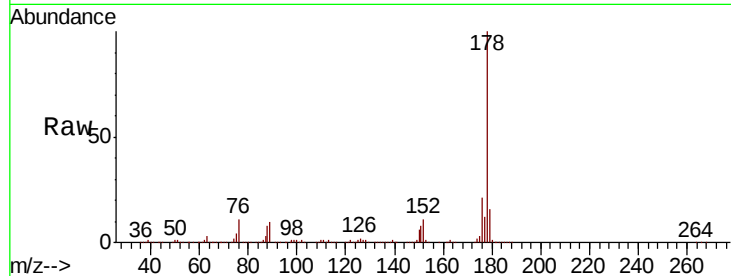




#71
Phenanthrene
Concen: 44.993 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

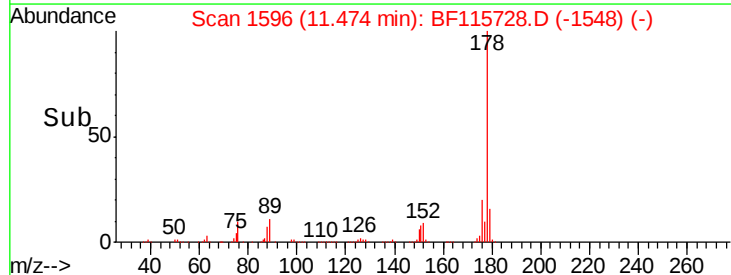
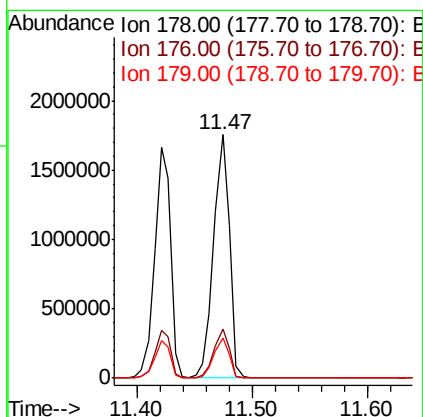
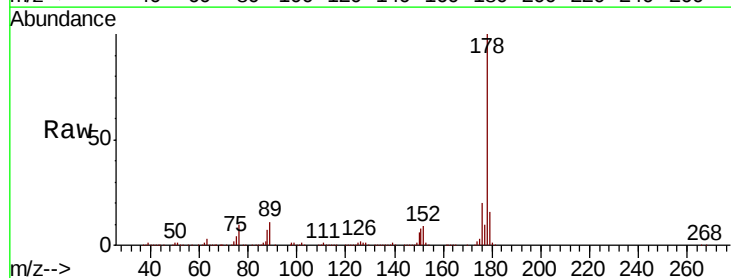
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

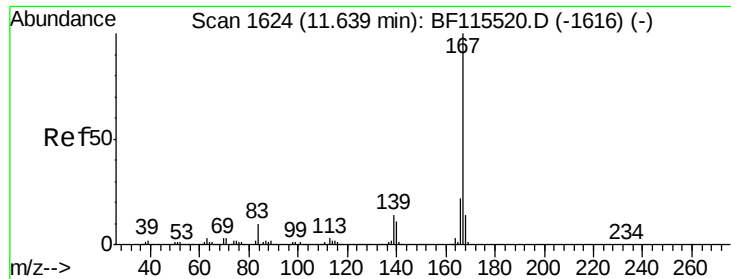
Tgt Ion:178 Resp: 1615493
Ion Ratio Lower Upper
178 100
176 20.7 17.2 25.8
179 16.3 13.5 20.3



#72
Anthracene
Concen: 45.280 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:178 Resp: 1680184
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.5 12.7 19.1





#73

Carbazole

Concen: 46.549 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

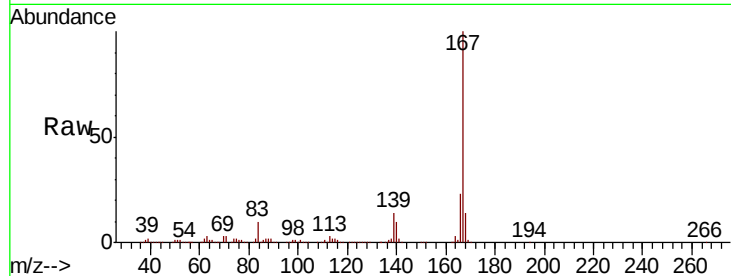
Tgt Ion:167 Resp: 1514680

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

139 14.1 11.3 16.9

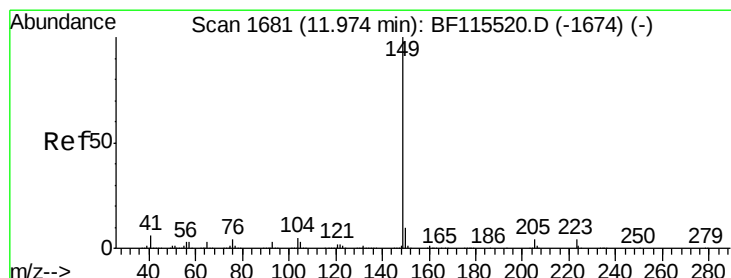
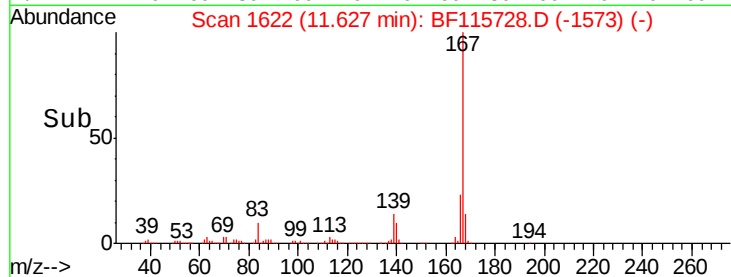
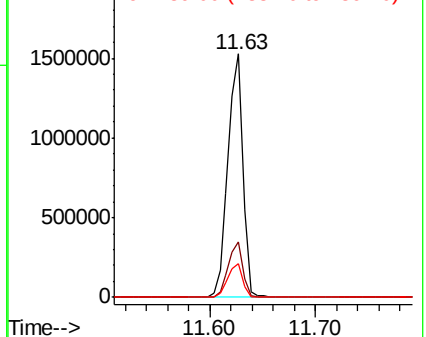


Abundance

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: 47.988 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

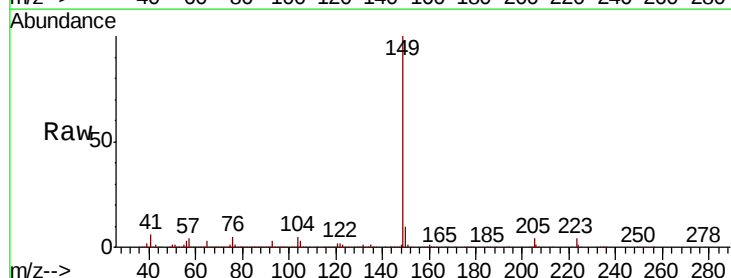
Tgt Ion:149 Resp: 1923441

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

104 5.2 3.8 5.8

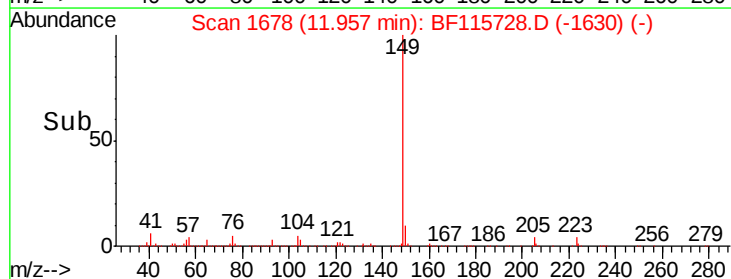
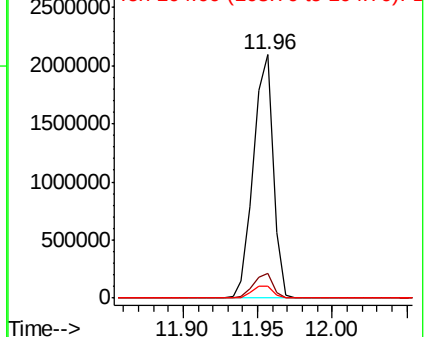


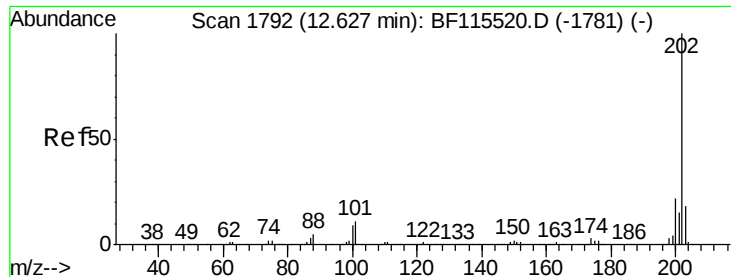
Abundance

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

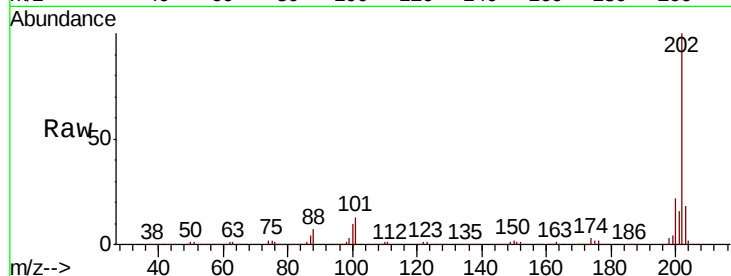




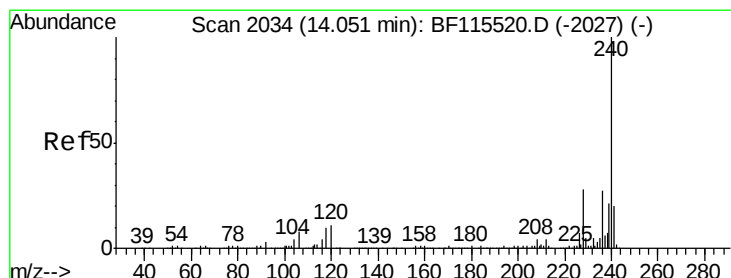
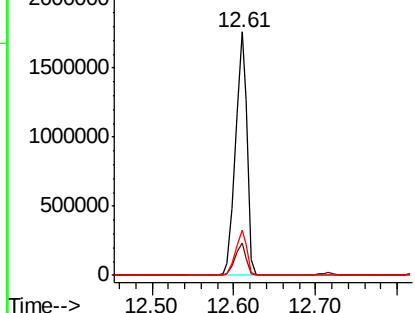
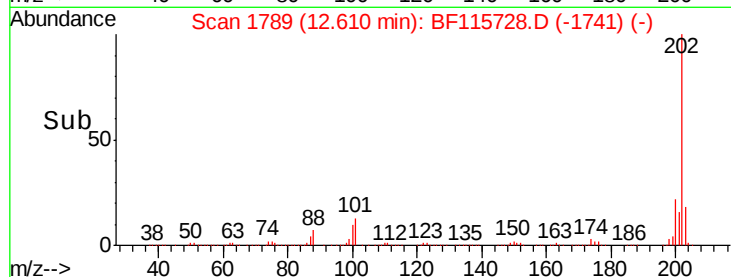
#75
Fluoranthene
Concen: 46.012 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

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

Tgt Ion: 202 Resp: 1745795
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.4 0.0 38.1

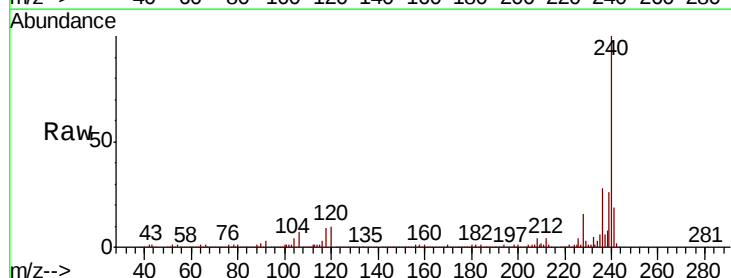


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

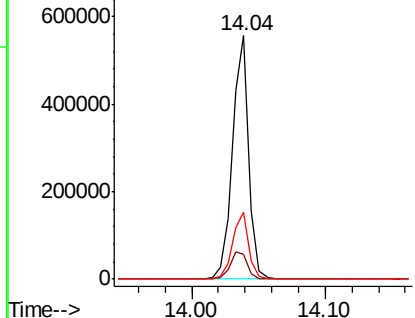
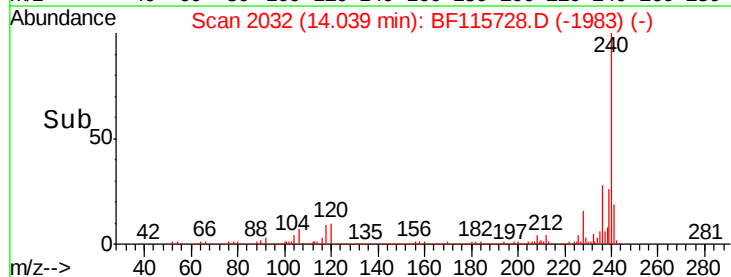


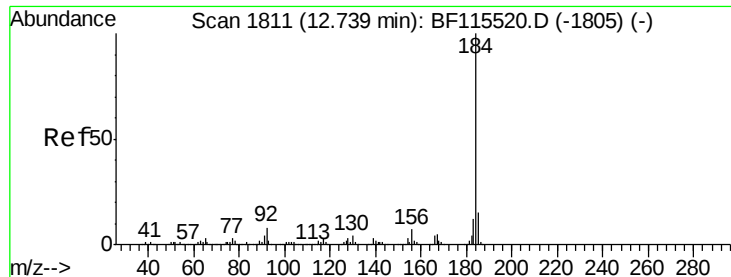
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion: 240 Resp: 472794
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 27.8 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





#77

Benzidine

Concen: 18.680 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

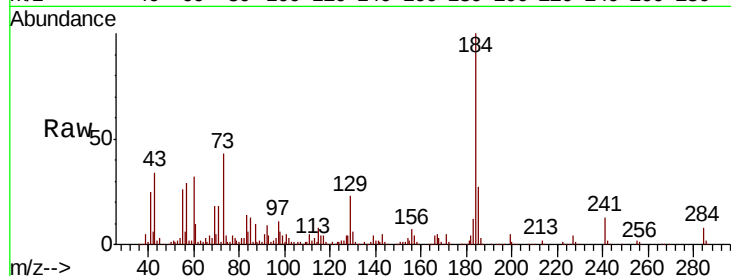
Tgt Ion:184 Resp: 312865

Ion Ratio Lower Upper

184 100

185 27.2 12.0 18.0#

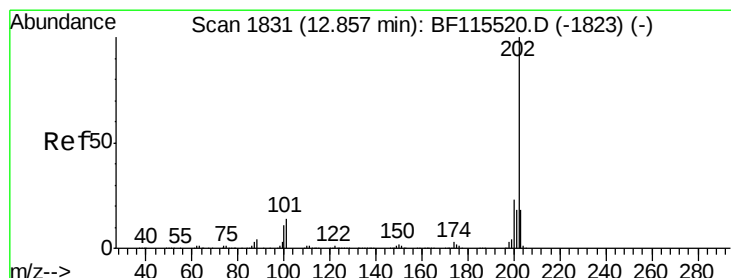
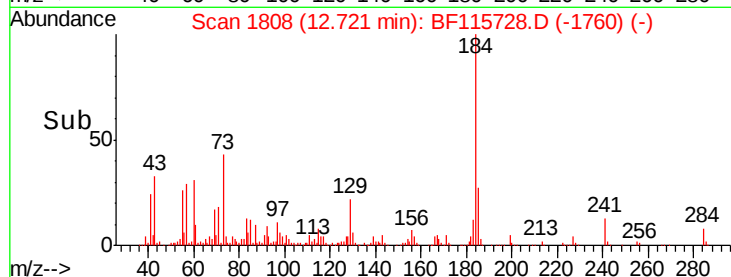
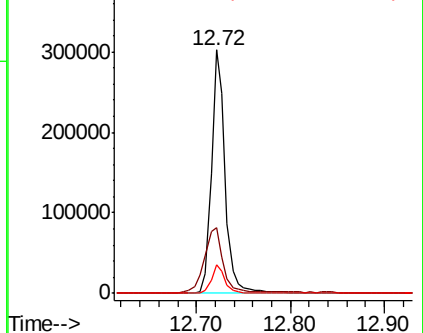
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.683 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

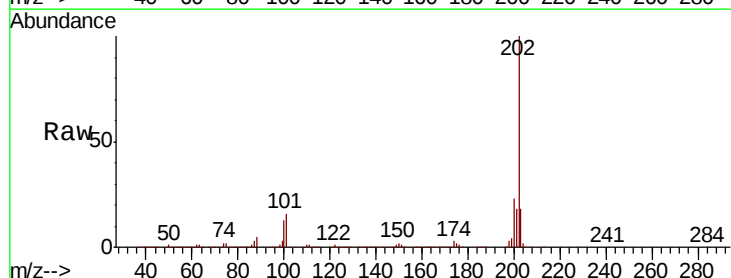
Tgt Ion:202 Resp: 1749789

Ion Ratio Lower Upper

202 100

200 22.8 18.7 28.1

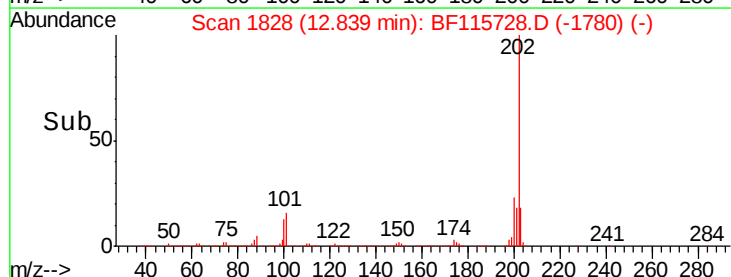
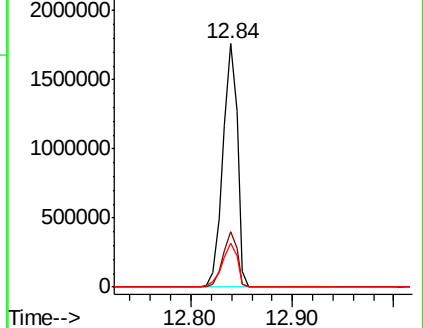
203 18.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.120 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

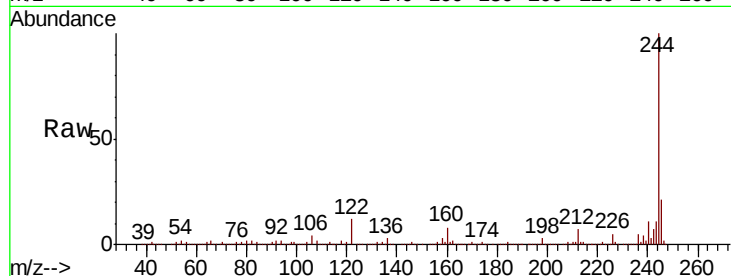
Tgt Ion:244 Resp: 2411683

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

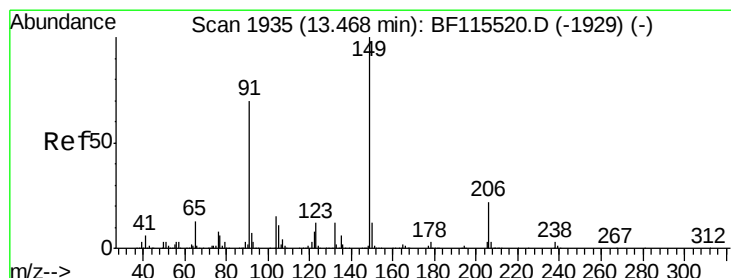
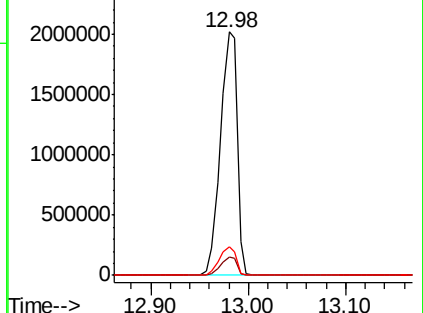
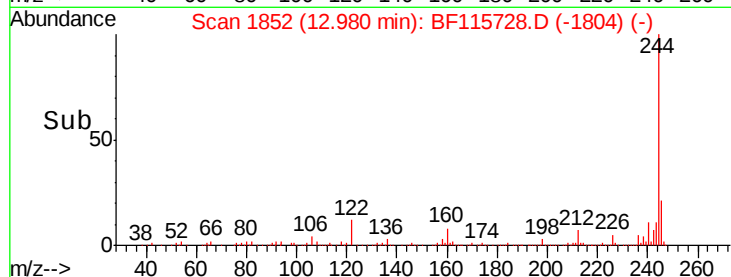
122 11.6 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.220 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

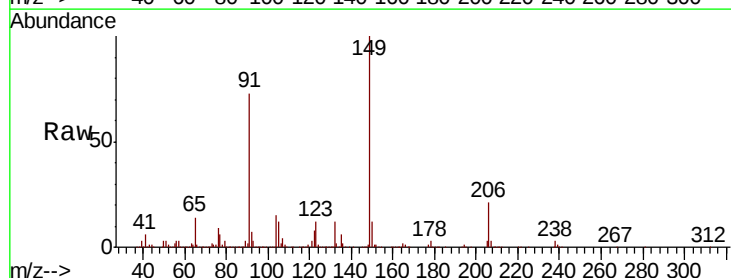
Tgt Ion:149 Resp: 823404

Ion Ratio Lower Upper

149 100

91 72.6 55.8 83.8

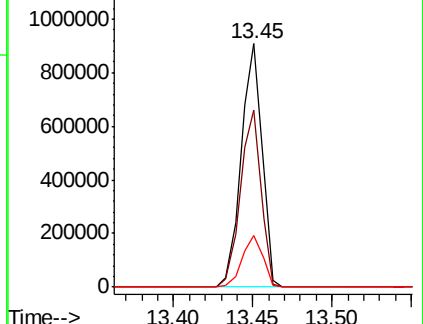
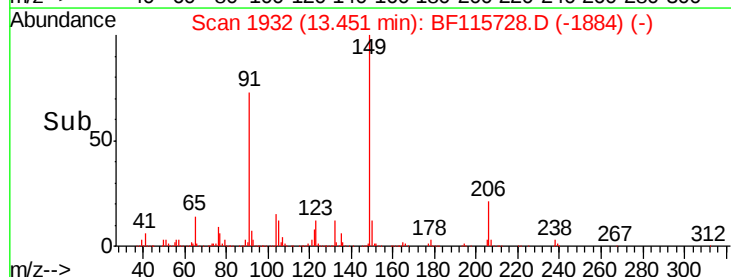
206 21.4 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.425 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

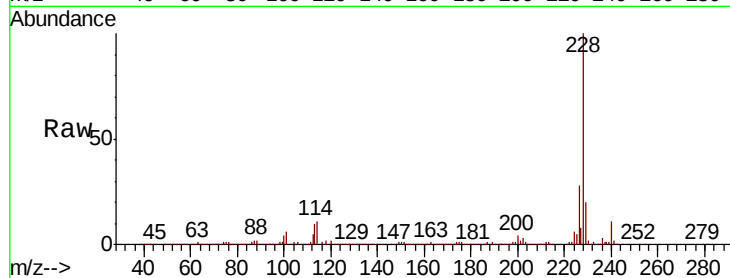
Tgt Ion:228 Resp: 1383743

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.0

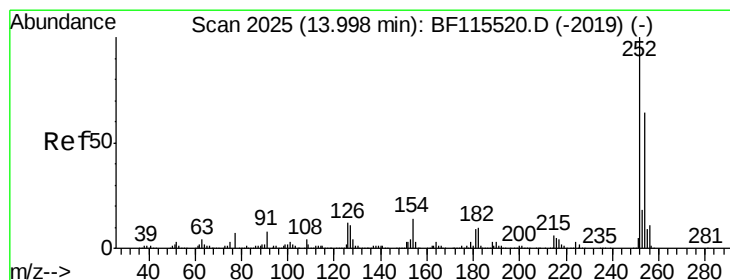
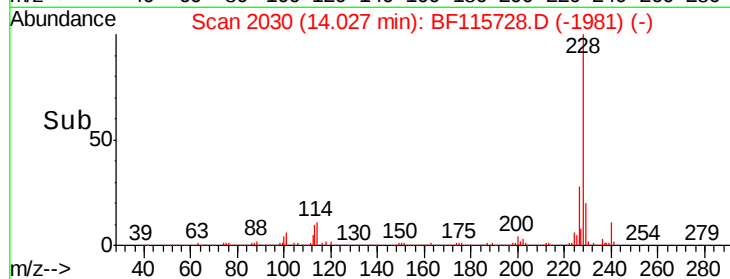
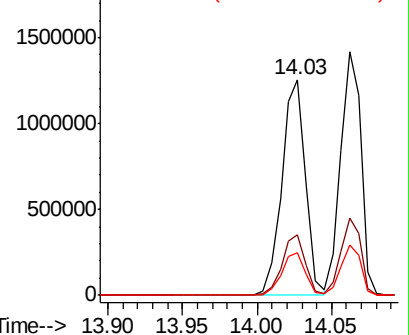
229 20.0 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.906 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

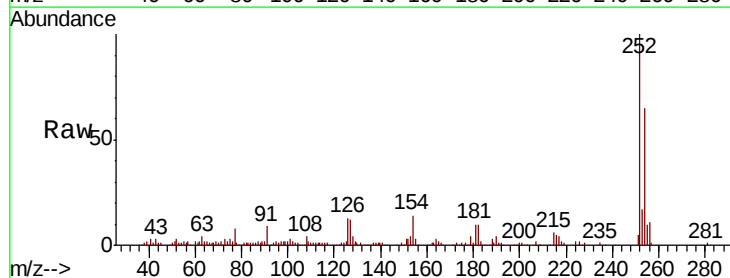
Tgt Ion:252 Resp: 120762

Ion Ratio Lower Upper

252 100

254 64.8 52.9 79.3

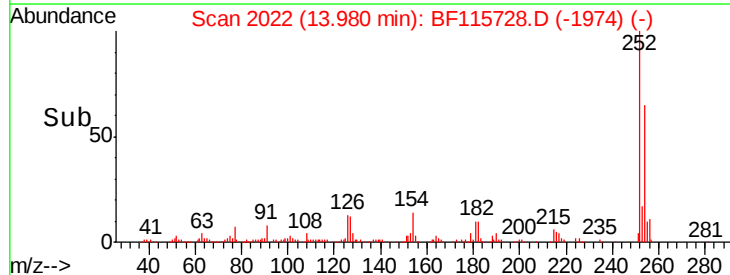
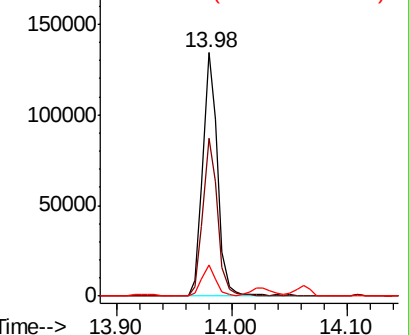
126 12.7 9.9 14.9

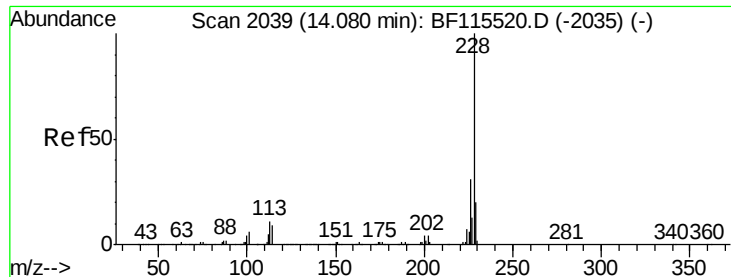


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

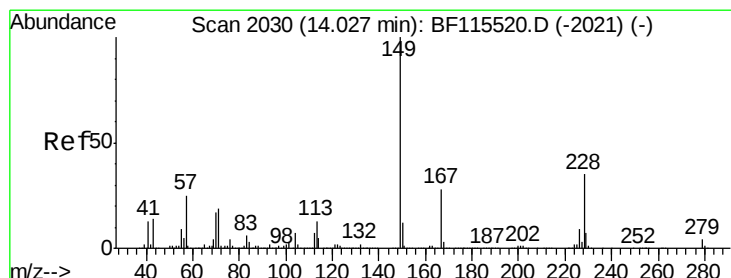
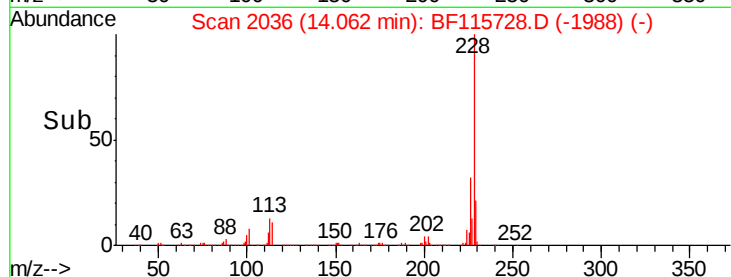
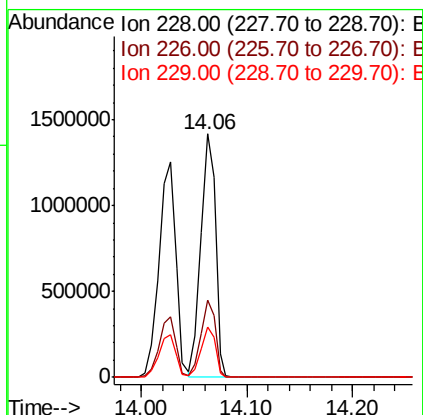
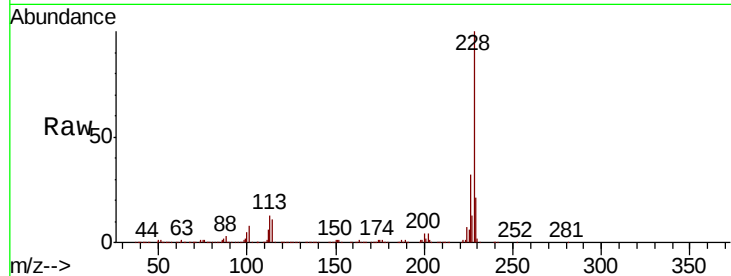




#83
Chrysene
Concen: 43.317 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

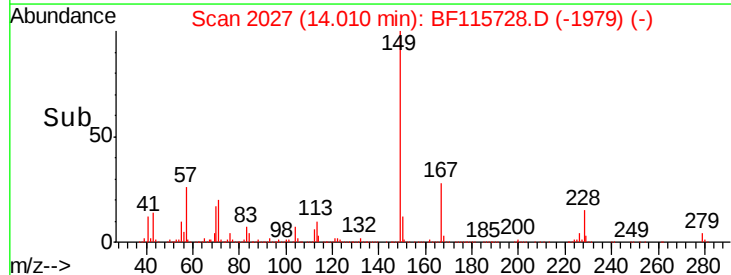
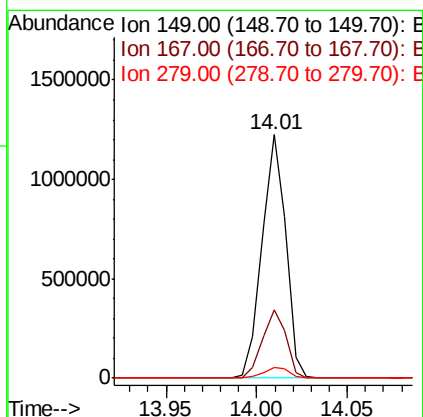
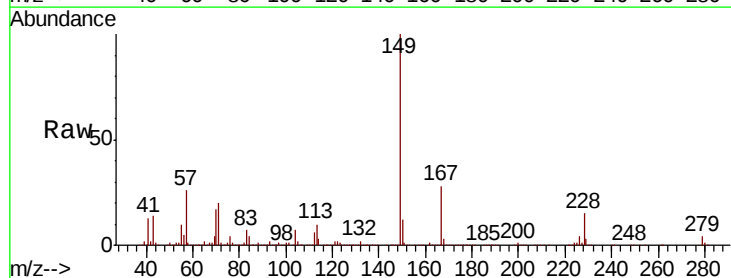
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tgt Ion: 228 Resp: 1354435
Ion Ratio Lower Upper
228 100
226 31.6 25.7 38.5
229 20.7 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.999 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion: 149 Resp: 1121019
Ion Ratio Lower Upper
149 100
167 28.3 23.0 34.4
279 4.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 51.794 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

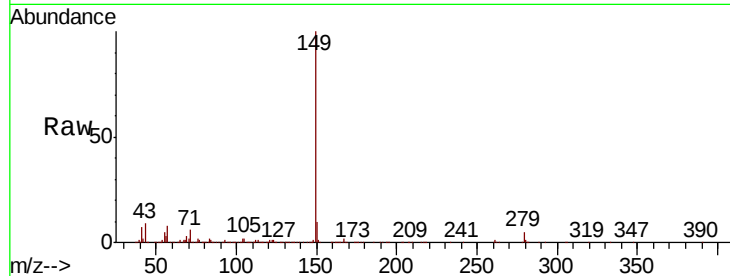
Tgt Ion:149 Resp: 1743103

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

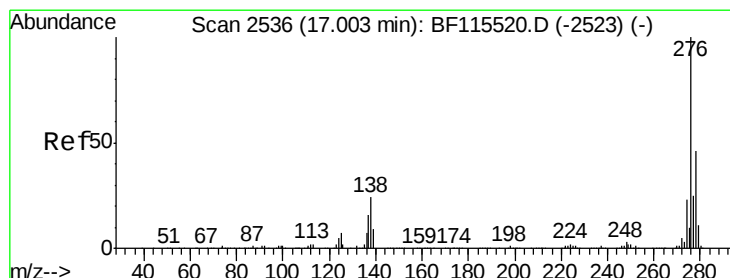
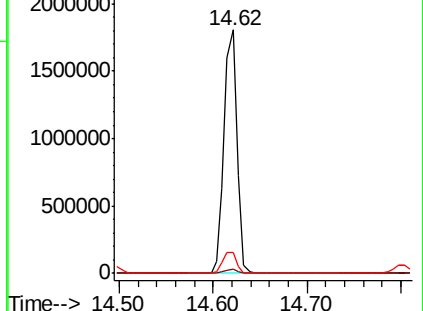
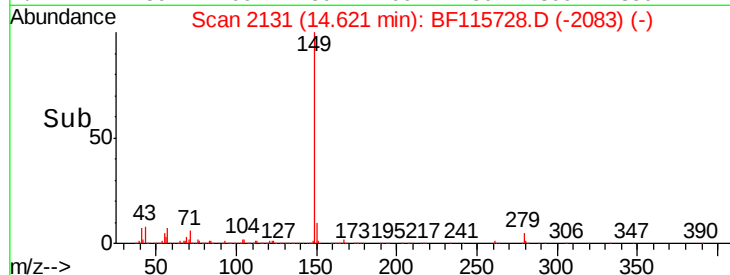
43 8.9 7.2 10.8



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: 51.841 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

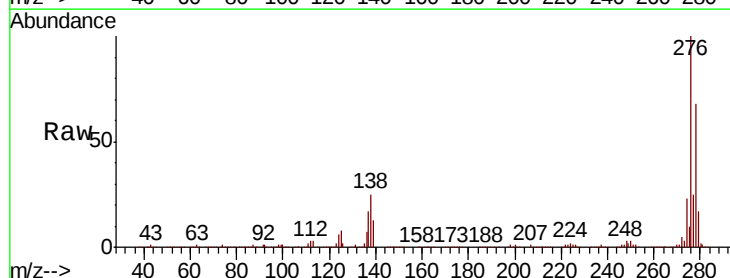
Tgt Ion:276 Resp: 1377155

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.2

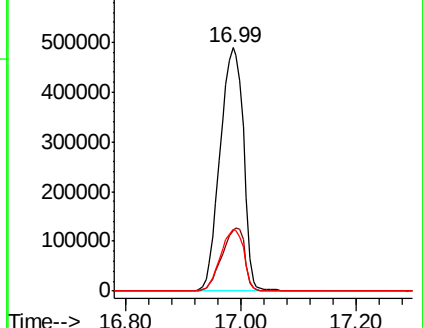
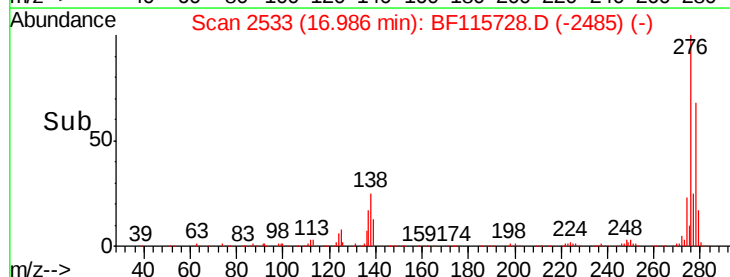
277 25.1 20.4 30.6

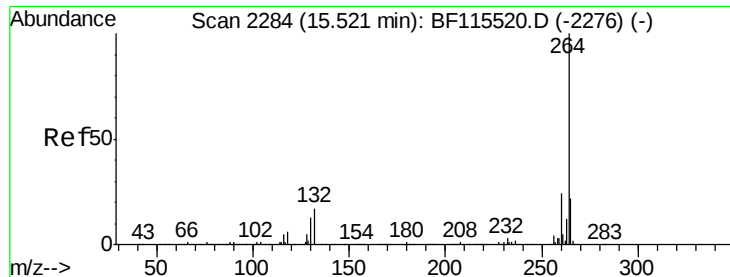


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



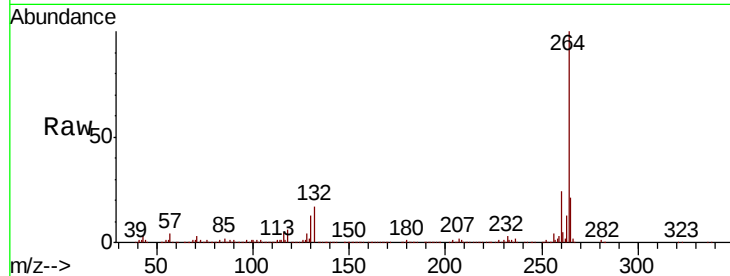


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

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

Tgt Ion: 264 Resp: 450761

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.4	17.7	26.5

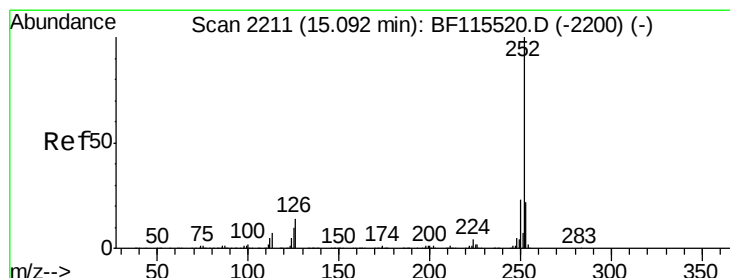
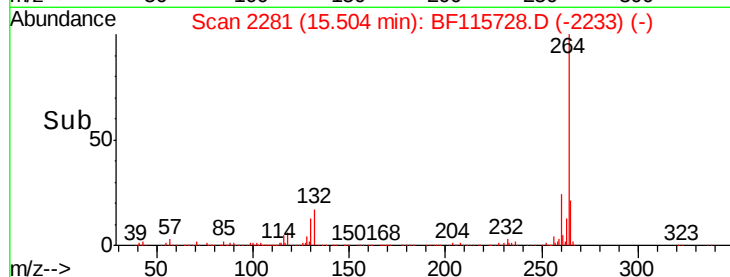
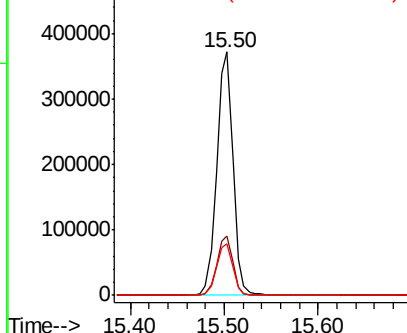


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

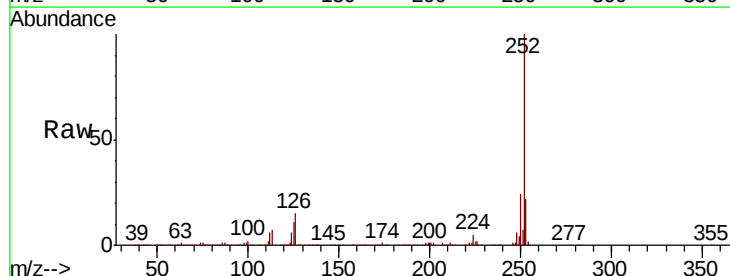
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.535 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion: 252 Resp: 1292652

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.1	9.0	13.4

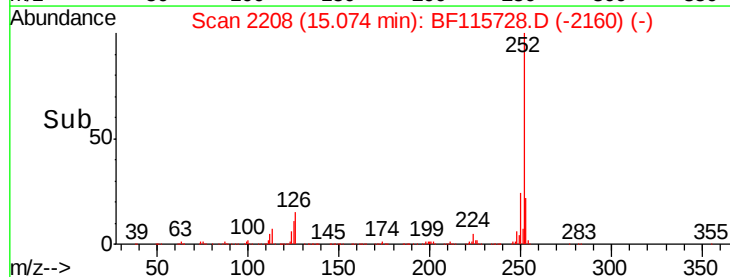
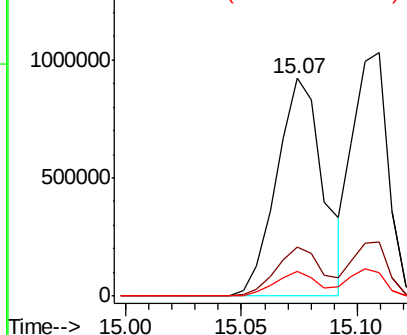


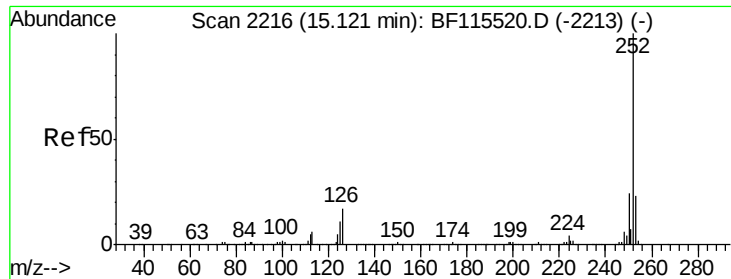
Abundance

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

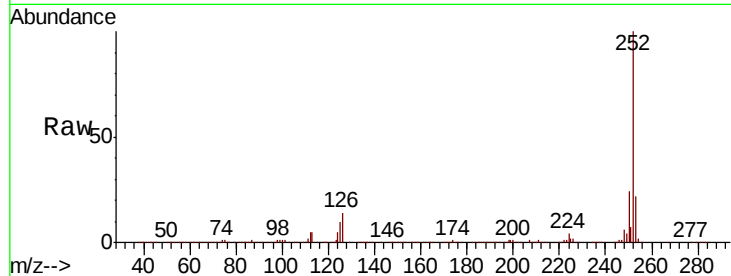




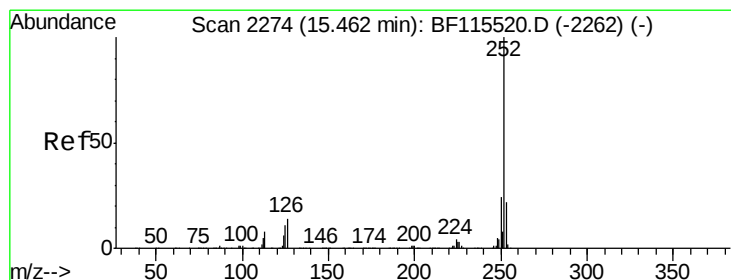
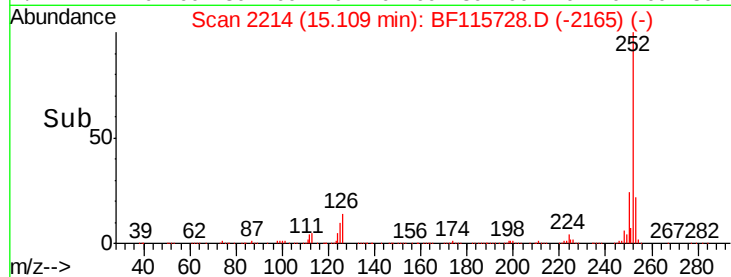
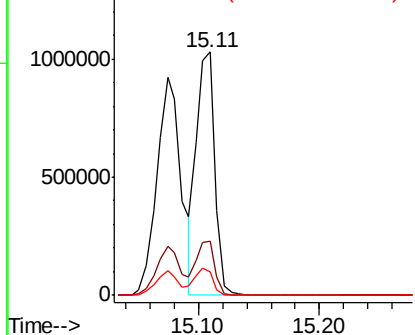
#89
Benzo(k)fluoranthene
Concen: 42.209 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

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

Tgt Ion:252 Resp: 1092272
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 9.6 9.0 13.6

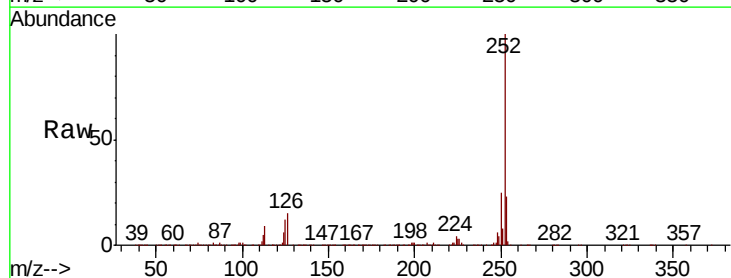


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

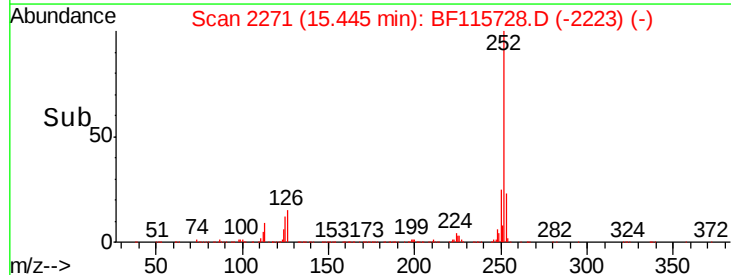
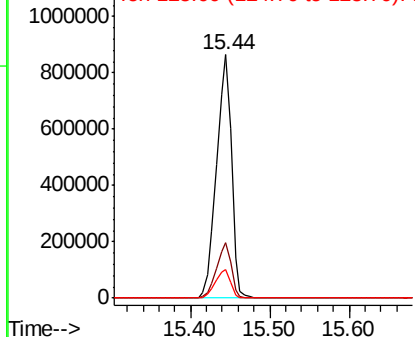


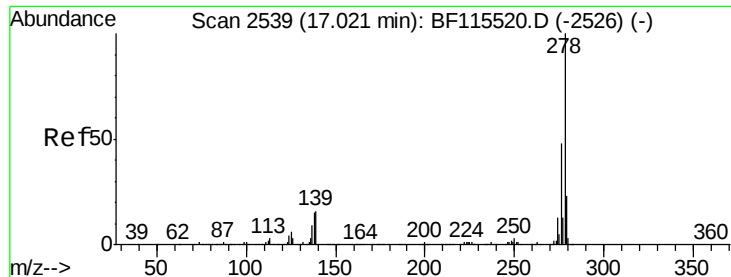
#90
Benzo(a)pyrene
Concen: 45.266 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:252 Resp: 1129259
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.0 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: 51.651 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

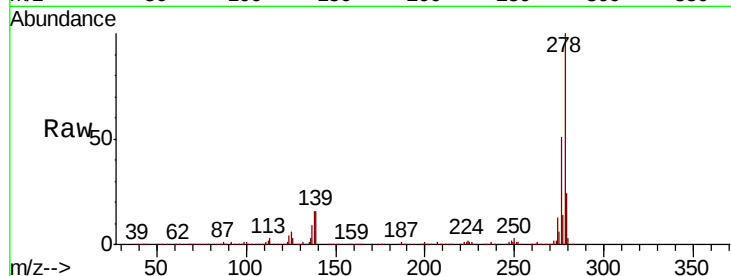
Tgt Ion:278 Resp: 1131205

Ion Ratio Lower Upper

278 100

139 15.9 13.1 19.7

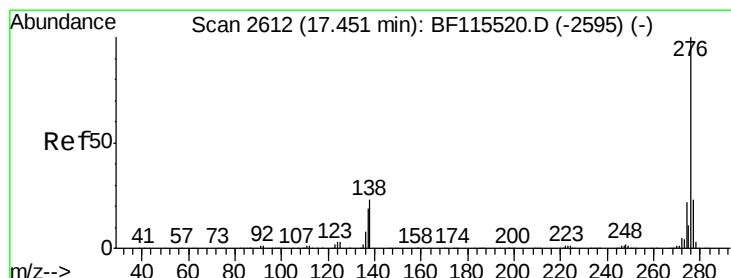
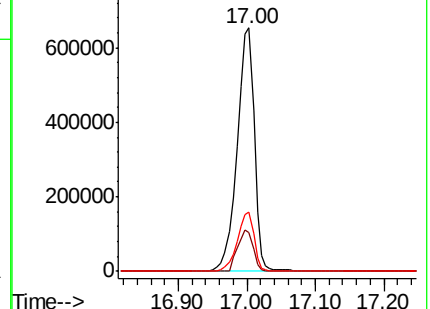
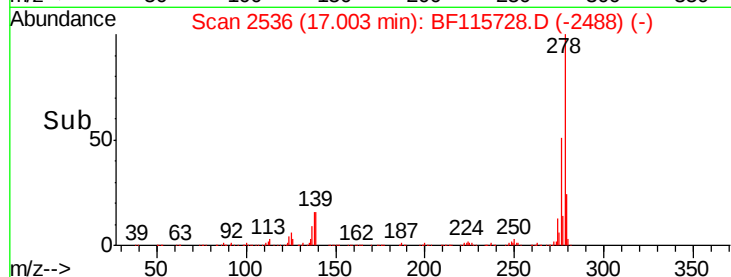
279 24.4 19.6 29.4



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: 52.992 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

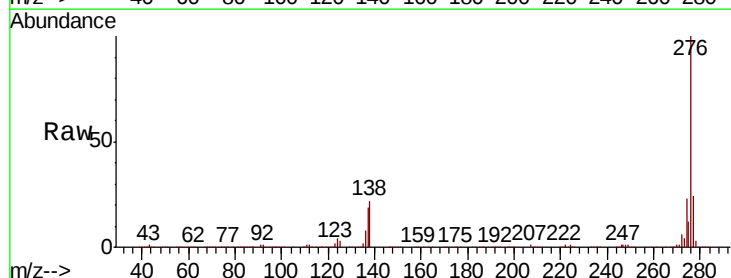
Tgt Ion:276 Resp: 1157479

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 22.3 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

