

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115186.D
 Acq On : 25 Jun 2019 14:41
 Operator : HP/JU
 Sample : PB120785BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Quant Time: Jun 26 05:44:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	279456	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1113435	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	548925	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1075730	20.00	ng	0.00
76) Chrysene-d12	13.74	240	727448	20.00	ng	-0.01
87) Perylene-d12	15.10	264	761941	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1975813	109.11	ng	0.02
7) Phenol-d6	6.26	99	2434266	110.75	ng	0.00
23) Nitrobenzene-d5	7.18	82	1502044	82.99	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	701301	121.15	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2779464	86.01	ng	-0.01
79) Terphenyl-d14	12.69	244	2901092	84.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	303923	35.561	ng	98
3) Pyridine	2.95	79	831026	34.499	ng	96
4) n-Nitrosodimethylamine	2.90	42	345262	36.561	ng	100
6) Aniline	6.27	93	726423	24.047	ng	# 1
8) 2-Chlorophenol	6.40	128	835893	41.050	ng	98
9) Benzaldehyde	6.15	77	115837	8.078	ng	99
10) Phenol	6.27	94	944348	36.678	ng	93
11) bis(2-Chloroethyl)ether	6.35	93	752686	39.659	ng	98
12) 1,3-Dichlorobenzene	6.55	146	877061	38.810	ng	100
13) 1,4-Dichlorobenzene	6.63	146	885577	39.078	ng	99
14) 1,2-Dichlorobenzene	6.78	146	822349	39.185	ng	99
15) Benzyl Alcohol	6.76	79	540390	33.763	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1073574	39.001	ng	96
17) 2-Methylphenol	6.88	107	722990	43.015	ng	98
18) Hexachloroethane	7.12	117	318168	38.944	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	531136	37.744	ng	99
20) 3+4-Methylphenols	7.03	107	821120	42.309	ng	91
22) Acetophenone	7.02	105	1099037	43.116	ng	# 97
24) Nitrobenzene	7.20	77	836197	41.935	ng	98
25) Isophorone	7.44	82	1544457	41.653	ng	99
26) 2-Nitrophenol	7.51	139	477367	48.476	ng	99
27) 2,4-Dimethylphenol	7.56	122	797749	49.478	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	965089	41.181	ng	99
29) 2,4-Dichlorophenol	7.75	162	738970	44.412	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	782503	42.576	ng	99
31) Naphthalene	7.92	128	2337476	42.767	ng	100
32) Benzoic acid	7.70	122	597582	51.923	ng	100
33) 4-Chloroaniline	7.97	127	573019	22.940	ng	98
34) Hexachlorobutadiene	8.04	225	421033	41.803	ng	98
35) Caprolactam	8.34	113	168183	30.064	ng	98
36) 4-Chloro-3-methylphenol	8.46	107	750982	44.567	ng	96
37) 2-Methylnaphthalene	8.61	142	1602833	43.494	ng	99
38) 1-Methylnaphthalene	8.71	142	1525706	43.349	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	668888	43.122	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115186.D
 Acq On : 25 Jun 2019 14:41
 Operator : HP/JU
 Sample : PB120785BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Quant Time: Jun 26 05:44:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	706307	76.790	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	511280	42.694	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	591765	47.984	ng	99
46) 1,1'-Biphenyl	9.07	154	1832402	41.720	ng	98
47) 2-Chloronaphthalene	9.09	162	1503380	42.197	ng	97
48) 2-Nitroaniline	9.18	65	454551	43.762	ng	98
49) Acenaphthylene	9.50	152	2325568	41.896	ng	99
50) Dimethylphthalate	9.38	163	1706285	42.250	ng	100
51) 2,6-Dinitrotoluene	9.43	165	414360	44.441	ng	98
52) Acenaphthene	9.68	154	1438667	41.419	ng	98
53) 3-Nitroaniline	9.60	138	314558	27.646	ng	93
54) 2,4-Dinitrophenol	9.70	184	453070	93.109	ng	94
55) Dibenzofuran	9.85	168	2022904	40.577	ng	98
56) 4-Nitrophenol	9.77	139	715368	78.424	ng	94
57) 2,4-Dinitrotoluene	9.83	165	549431	45.638	ng	93
58) Fluorene	10.19	166	1403112	41.805	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	495036	47.871	ng	97
60) Diethylphthalate	10.08	149	1677432	41.320	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	681595	42.893	ng	97
62) 4-Nitroaniline	10.21	138	466388	40.860	ng	98
63) Azobenzene	10.34	77	1561238	41.174	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	271724	47.527	ng	89
66) n-Nitrosodiphenylamine	10.30	169	1422598	42.448	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	490295	42.038	ng	92
68) Hexachlorobenzene	10.73	284	541679	42.788	ng	95
69) Atrazine	10.83	200	458504	42.529	ng	99
70) Pentachlorophenol	10.92	266	674779	83.667	ng	96
71) Phenanthrene	11.14	178	2294379	39.614	ng	100
72) Anthracene	11.19	178	2343554	40.085	ng	98
73) Carbazole	11.34	167	2155717	41.292	ng	98
74) Di-n-butylphthalate	11.69	149	2466828	40.890	ng	98
75) Fluoranthene	12.32	202	2363573	40.901	ng	98
77) Benzidine	12.44	184	805149	24.926	ng	99
78) Pyrene	12.54	202	2393960	42.822	ng	98
80) Butylbenzylphthalate	13.18	149	1114478	45.173	ng	91
81) Benzo(a)anthracene	13.72	228	2221933	42.568	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	697877	37.024	ng	99
83) Chrysene	13.76	228	2101713	43.957	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1417499	43.848	ng	99
85) Di-n-octyl phthalate	14.35	149	2451146	45.128	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2343359	41.419	ng	99
88) Benzo(b)fluoranthene	14.73	252	2416891	50.836	ng	99
89) Benzo(k)fluoranthene	14.76	252	1993147	46.748	ng	98
90) Benzo(a)pyrene	15.05	252	2169226	50.622	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1936394	48.405	ng	98
92) Benzo(g,h,i)perylene	16.76	276	1950212	48.167	ng	99

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

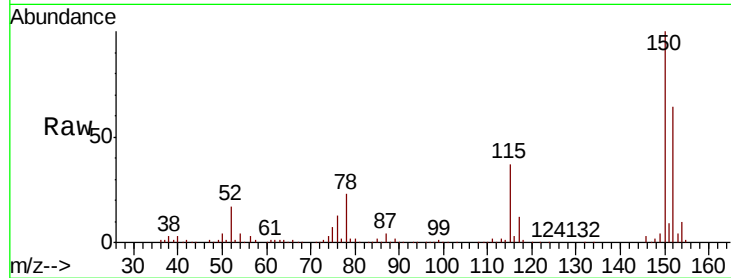


#1

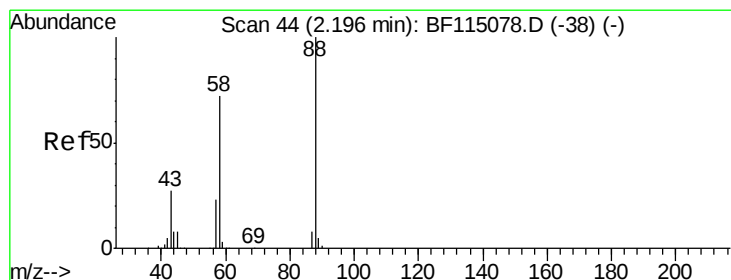
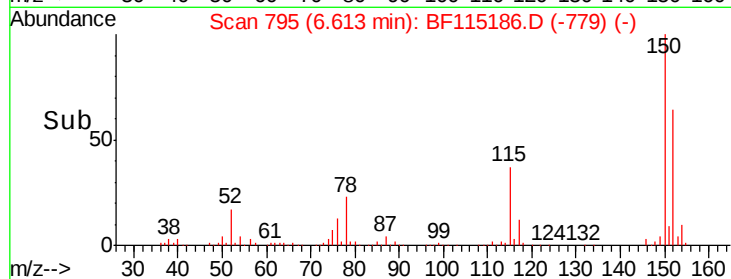
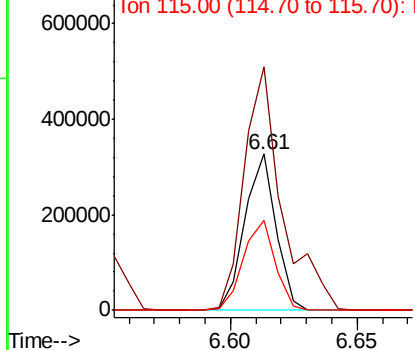
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:152 Resp: 279456
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 57.5 46.1 69.1



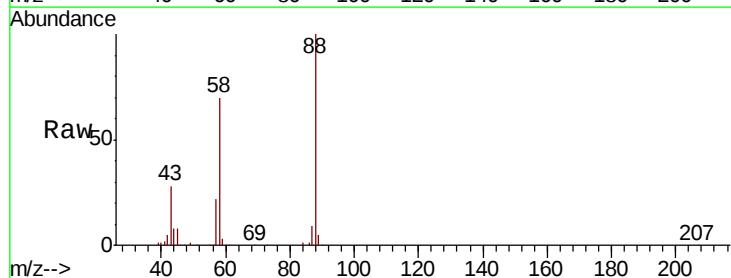
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



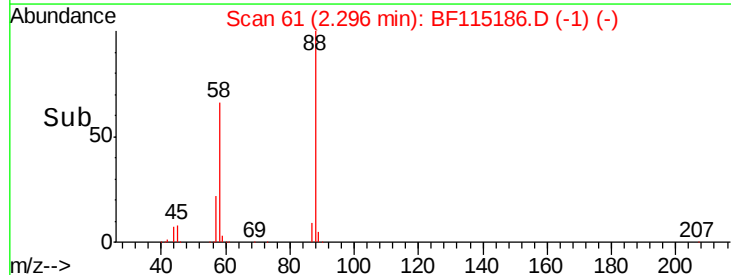
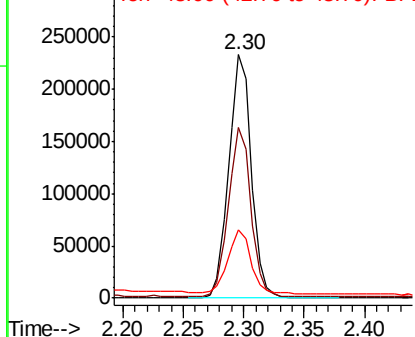
#2

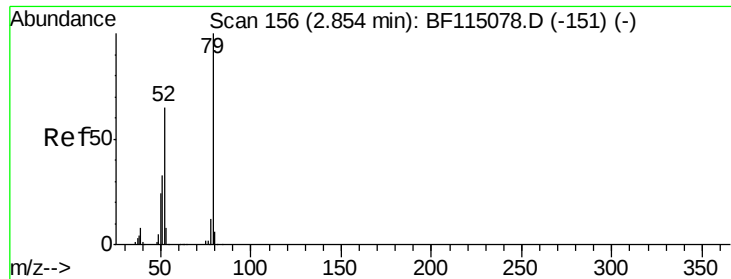
1,4-Dioxane
Concen: 35.561 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion: 88 Resp: 303923
Ion Ratio Lower Upper
88 100
58 68.6 56.1 84.1
43 28.2 21.3 31.9



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





#3

Pyridine

Concen: 34.499 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.09 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

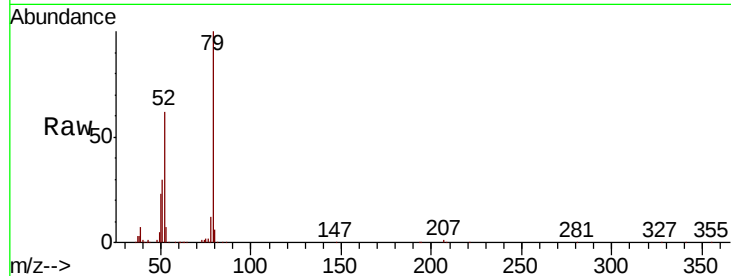
Tgt Ion: 79 Resp: 831026

Ion Ratio Lower Upper

79 100

52 62.5 52.3 78.5

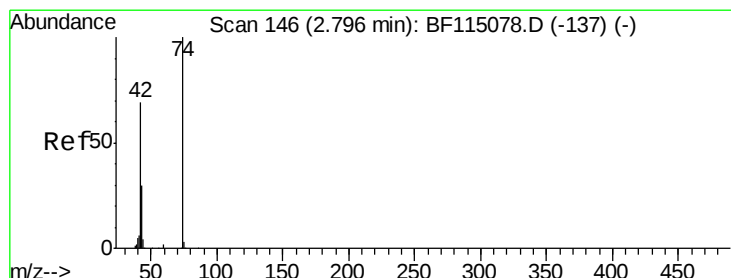
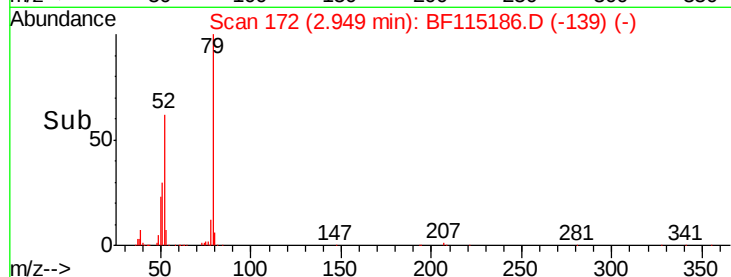
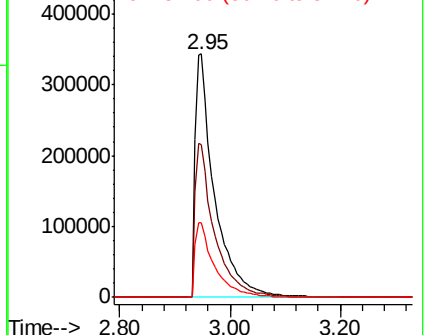
51 30.5 26.1 39.1



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: 36.561 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.10 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

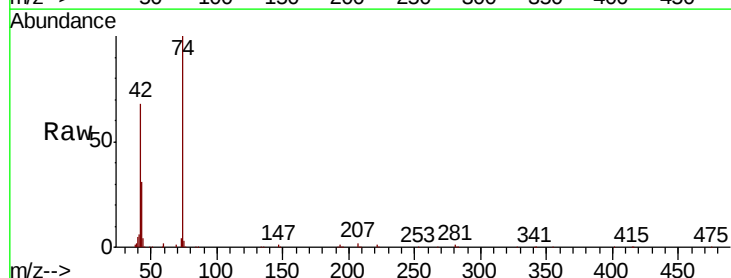
Tgt Ion: 42 Resp: 345262

Ion Ratio Lower Upper

42 100

74 146.3 116.6 175.0

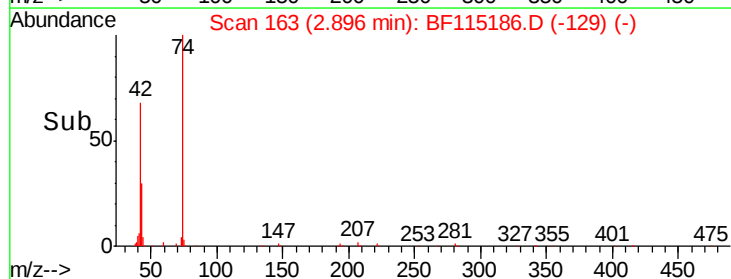
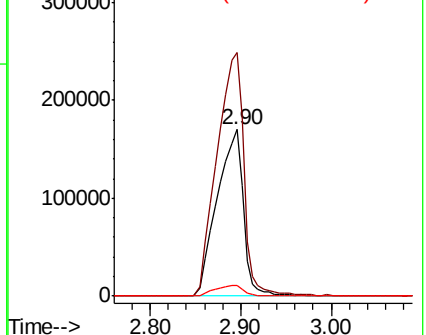
44 6.4 5.3 7.9

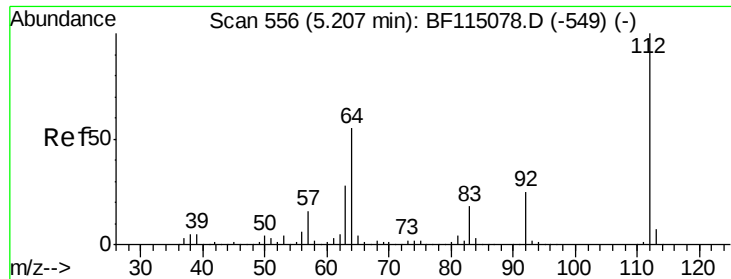


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.105 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

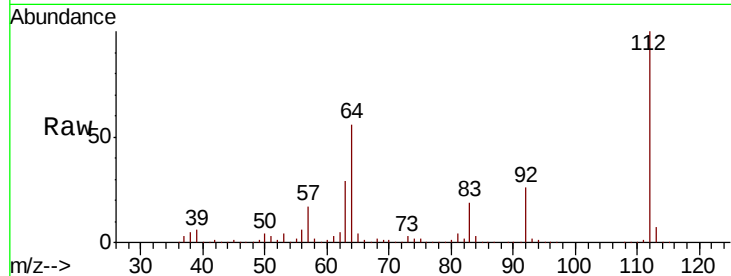
Tgt Ion: 112 Resp: 1975813

Ion Ratio Lower Upper

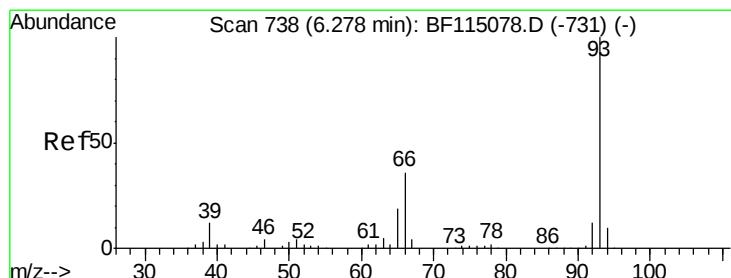
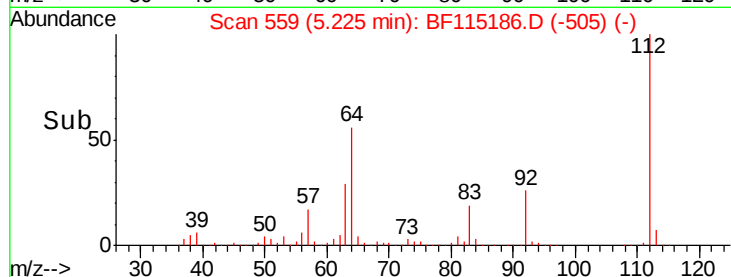
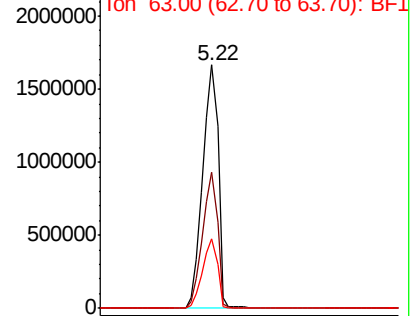
112 100

64 55.7 43.8 65.6

63 28.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF115186.D (-505) (-)



#6

Aniline

Concen: 24.047 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

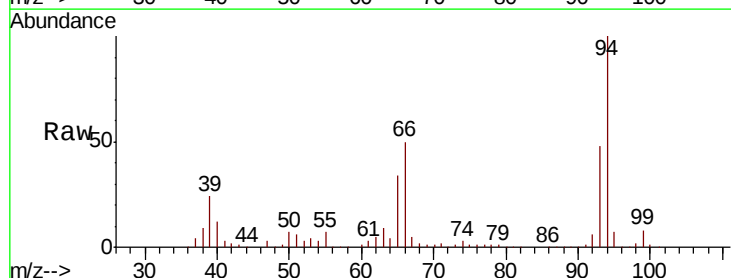
Tgt Ion: 93 Resp: 726423

Ion Ratio Lower Upper

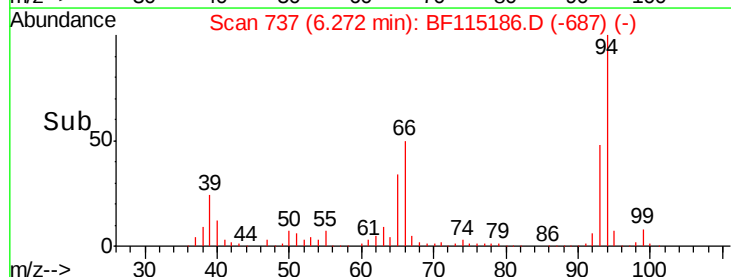
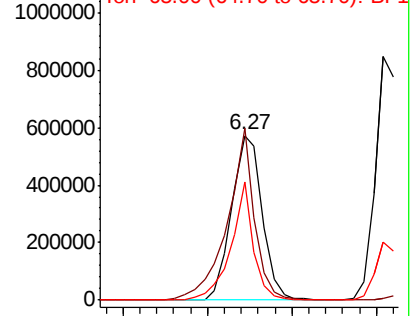
93 100

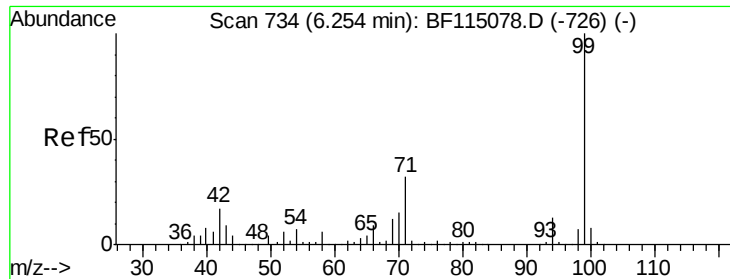
66 104.5 30.0 45.0#

65 71.5 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF115186.D (-687) (-)





#7

Phenol-d6

Concen: 110.748 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

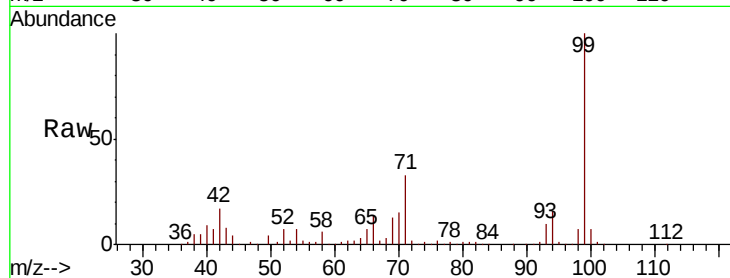
Tgt Ion: 99 Resp: 2434266

Ion Ratio Lower Upper

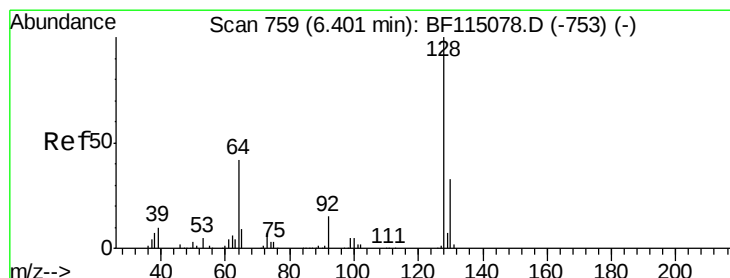
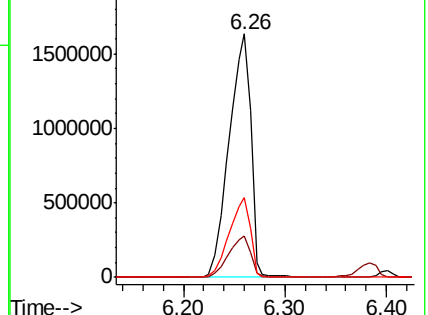
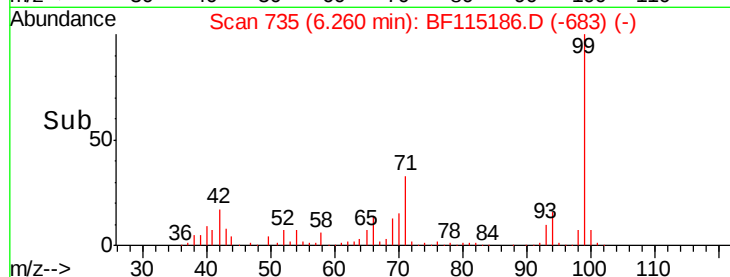
99 100

42 17.0 13.6 20.4

71 32.8 25.5 38.3



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: 41.050 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

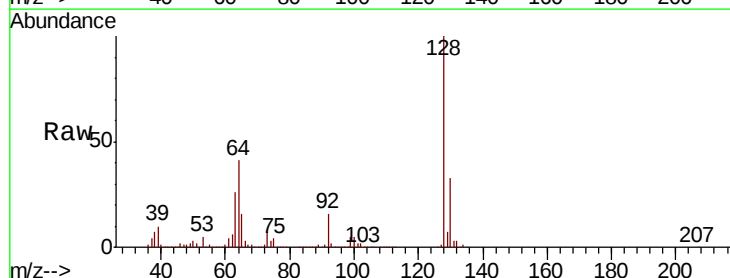
Tgt Ion:128 Resp: 835893

Ion Ratio Lower Upper

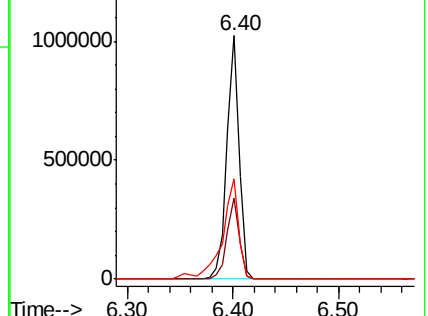
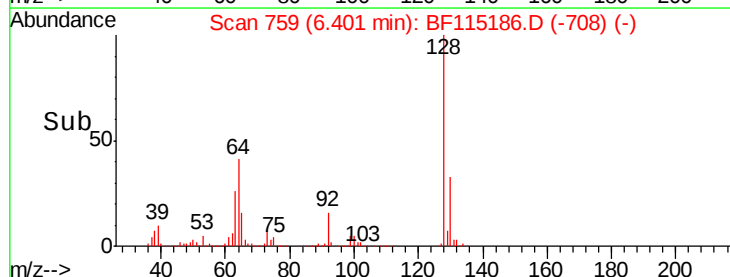
128 100

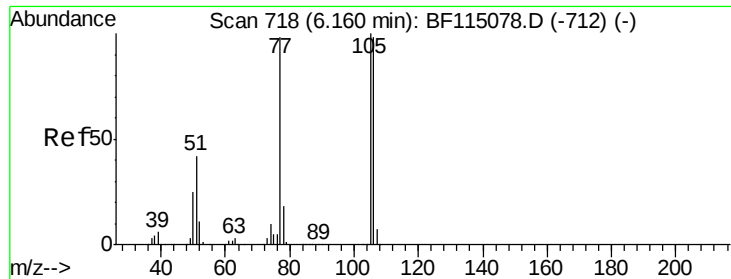
130 33.4 12.9 52.9

64 41.2 22.9 62.9



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: 8.078 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

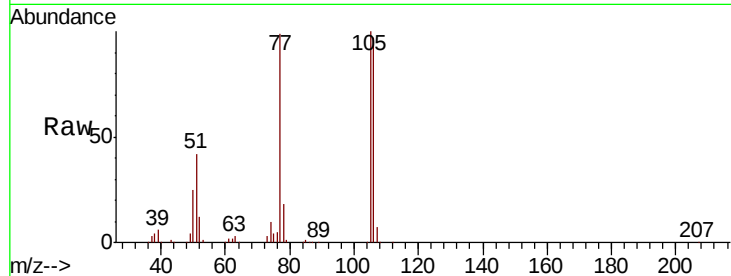
Tgt Ion: 77 Resp: 115837

Ion Ratio Lower Upper

77 100

105 101.2 81.5 121.5

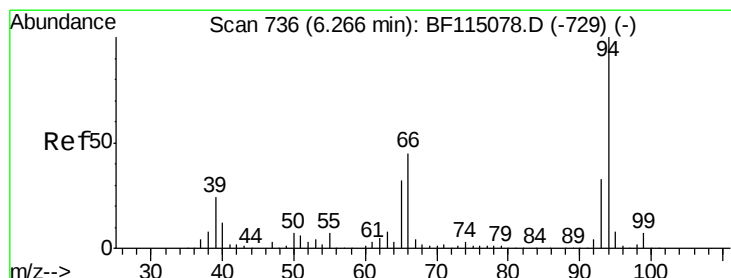
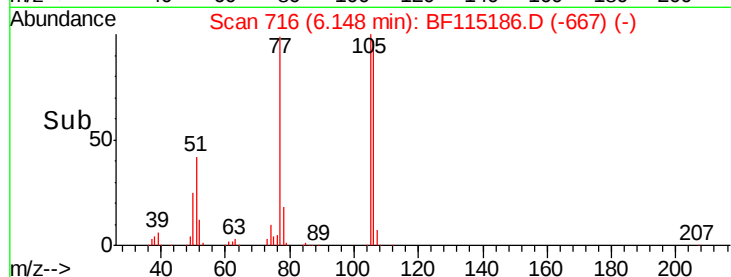
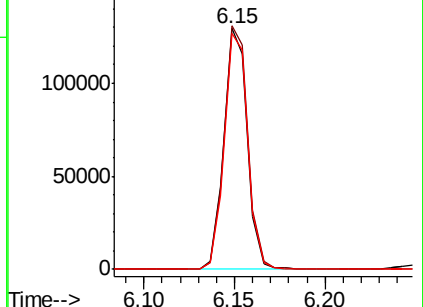
106 98.0 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.678 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

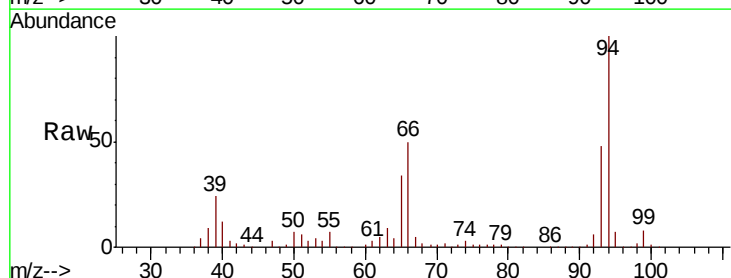
Tgt Ion: 94 Resp: 944348

Ion Ratio Lower Upper

94 100

65 34.5 11.9 51.9

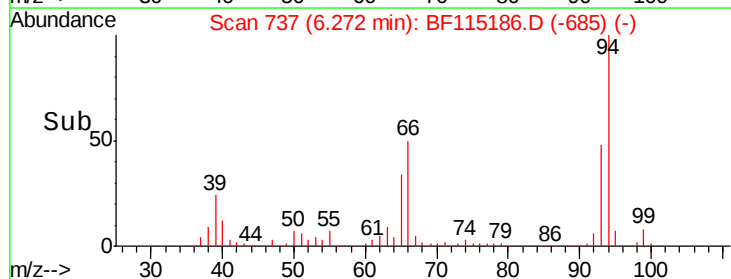
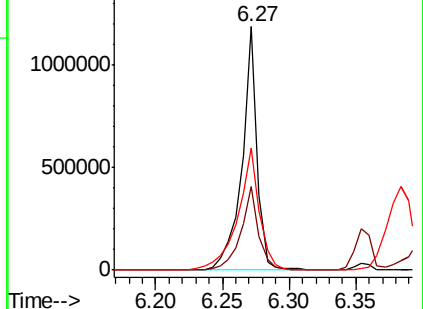
66 50.4 25.2 65.2

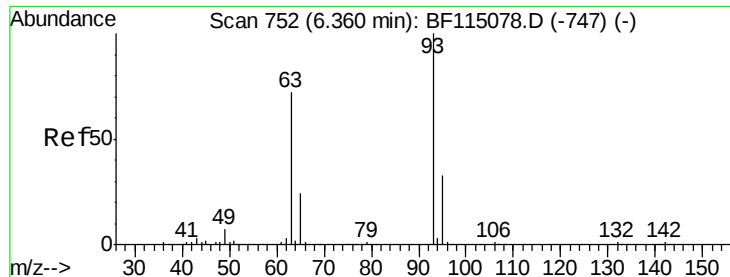


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



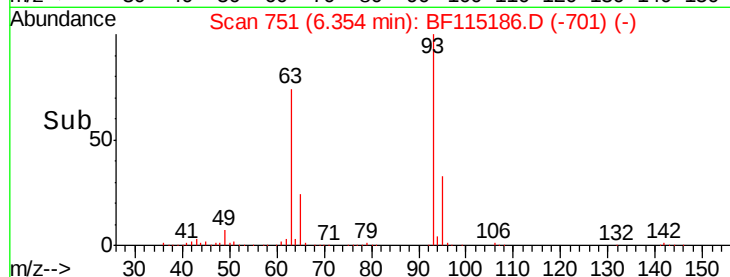
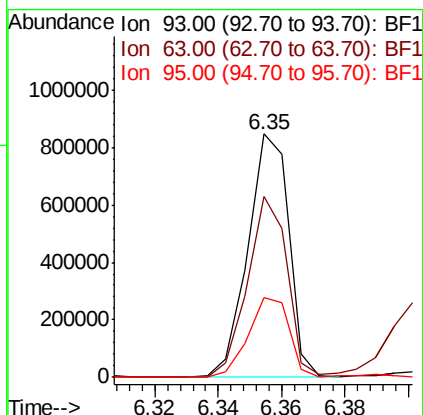
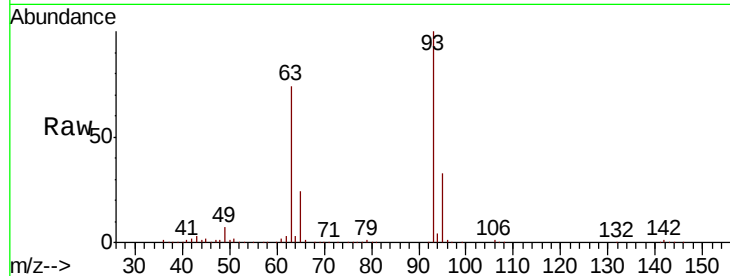


#11

bis(2-Chloroethyl)ether
Concen: 39.659 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

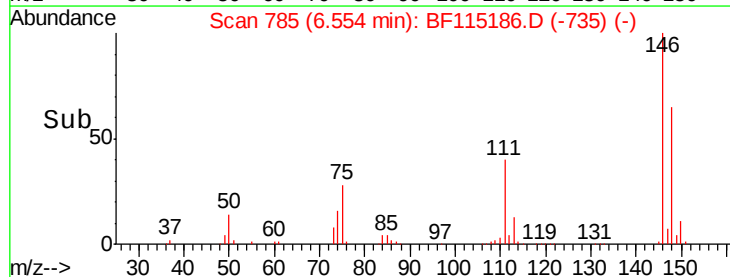
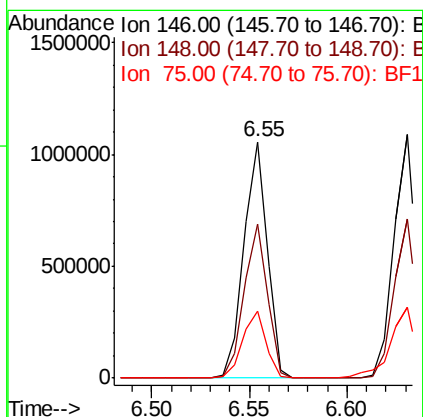
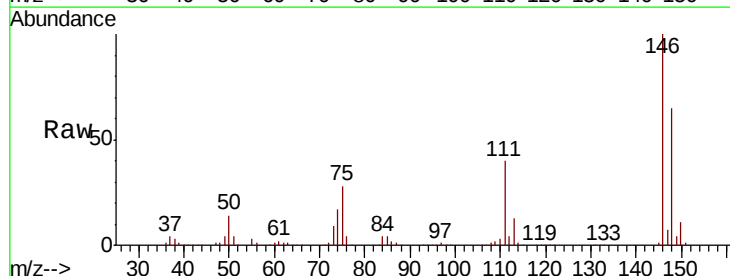
Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.1	51.5	91.5
95	33.0	13.4	53.4

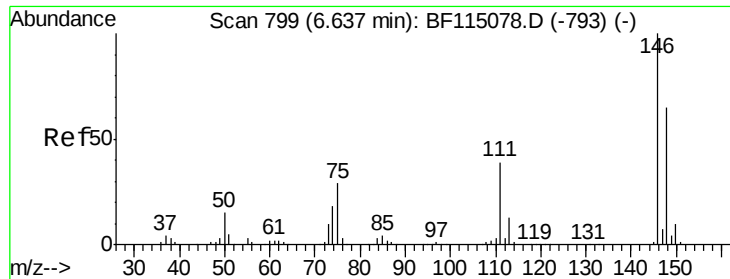


#12

1,3-Dichlorobenzene
Concen: 38.810 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.6	78.8
75	28.2	22.6	34.0

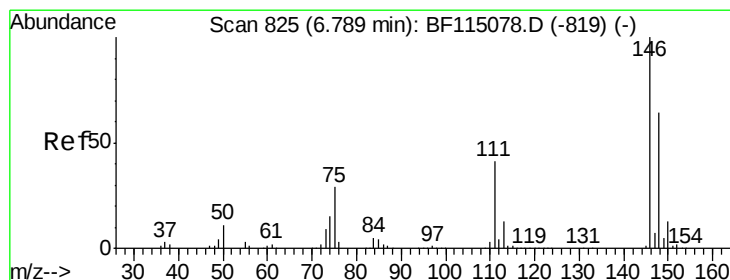
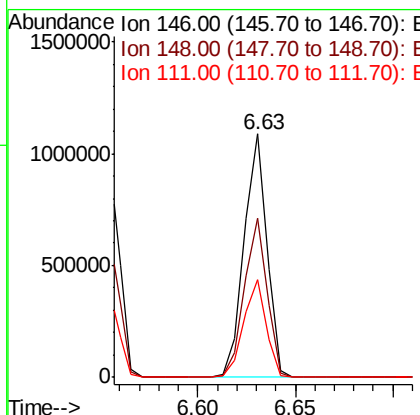
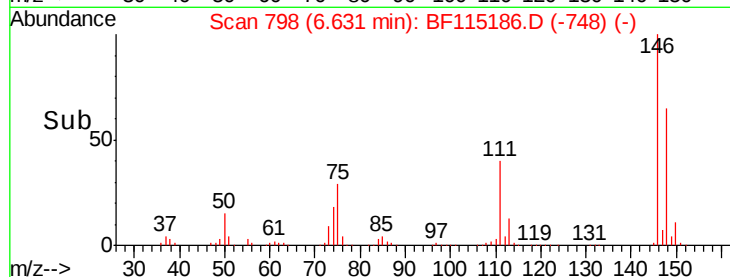
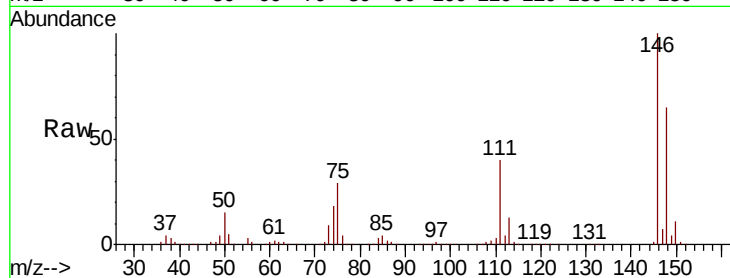




#13
 1,4-Dichlorobenzene
 Concen: 39.078 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

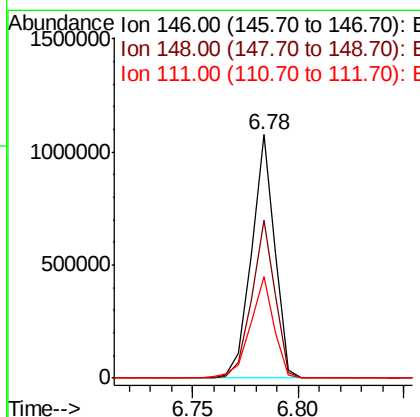
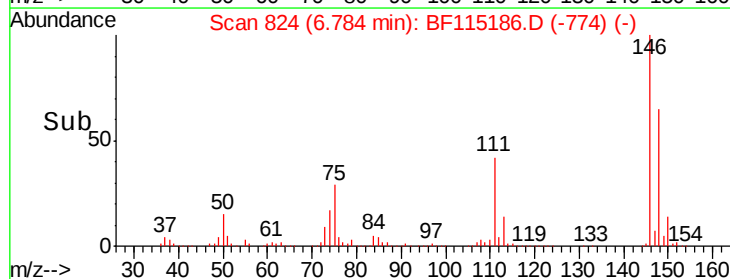
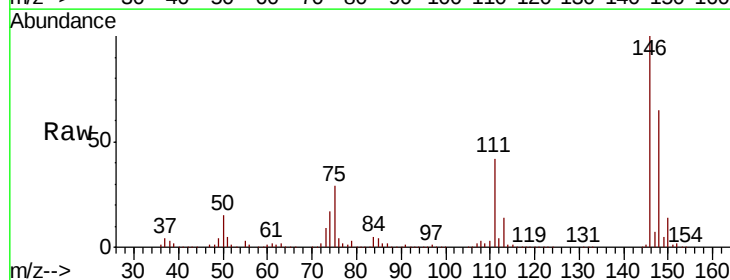
Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion:146 Resp: 885577
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 40.0 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 39.185 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:146 Resp: 822349
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 41.8 33.2 49.8





#15

Benzyl Alcohol

Concen: 33.763 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

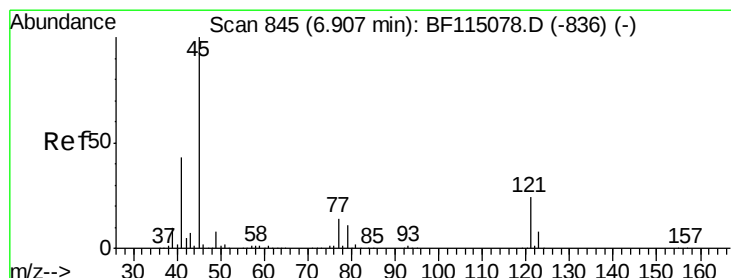
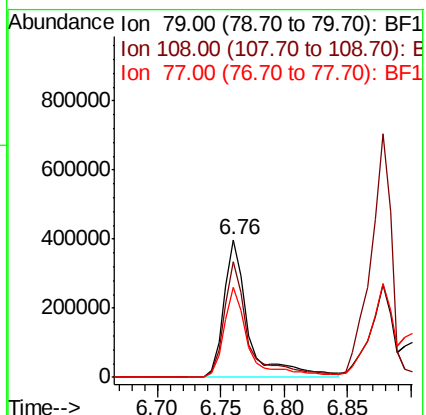
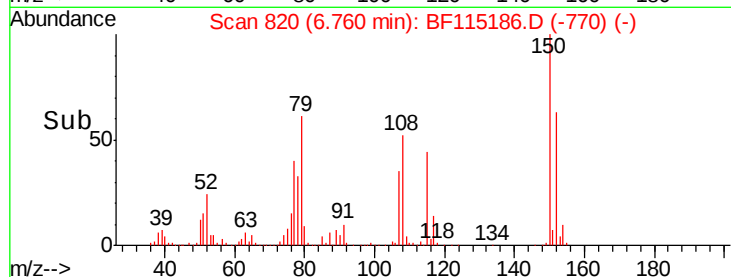
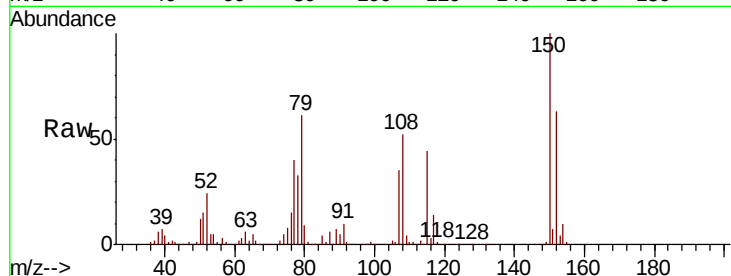
Tgt Ion: 79 Resp: 540390

Ion Ratio Lower Upper

79 100

108 84.3 68.7 103.1

77 65.4 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.001 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

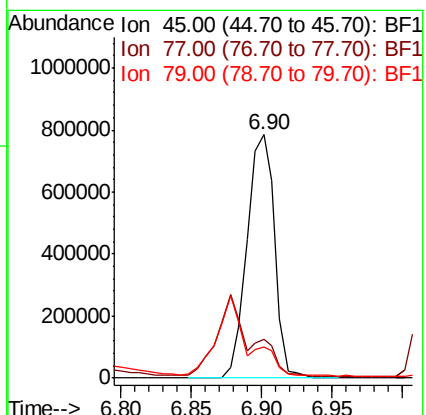
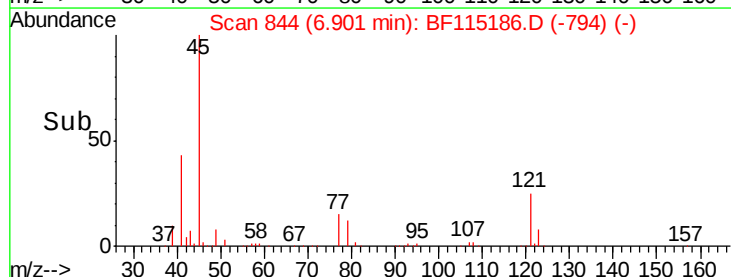
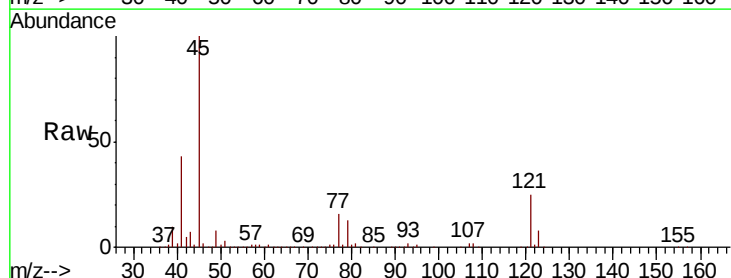
Tgt Ion: 45 Resp: 1073574

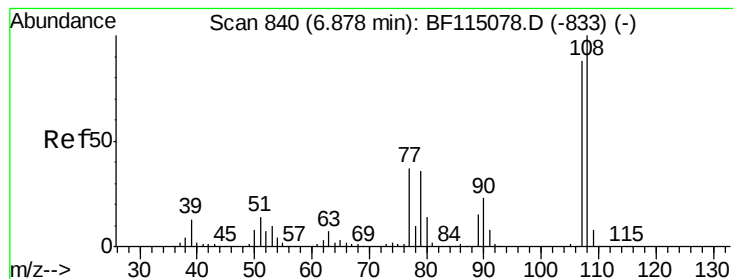
Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.6

79 12.9 0.0 31.2

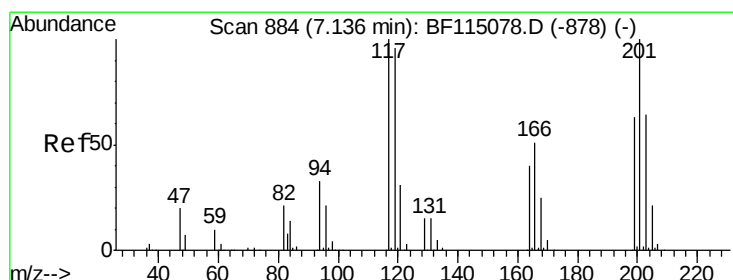
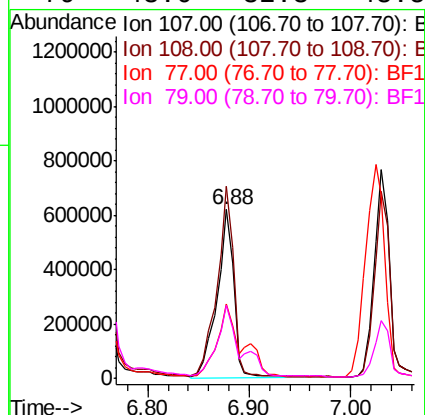
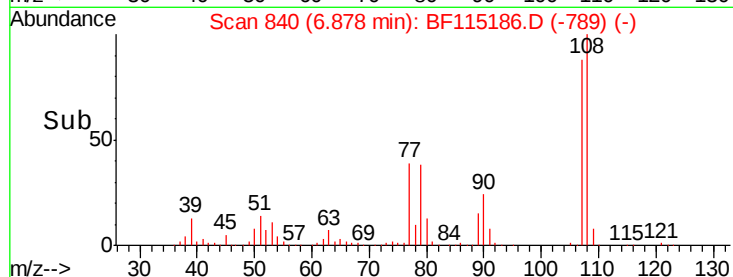
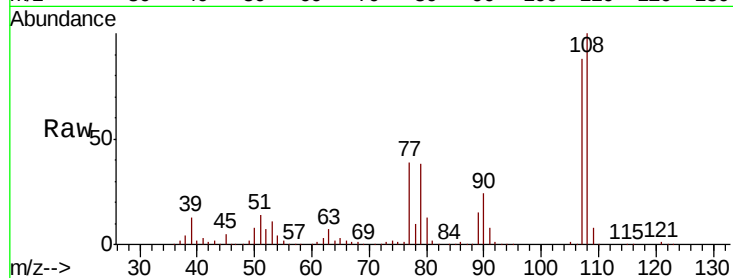




#17
2-Methylphenol
Concen: 43.015 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

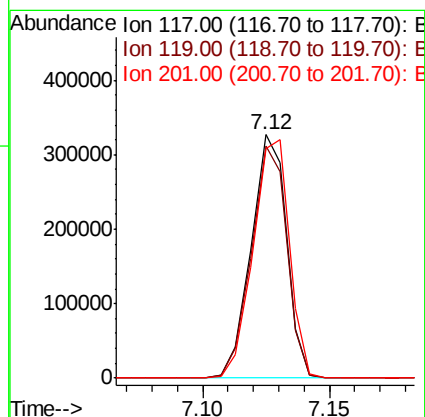
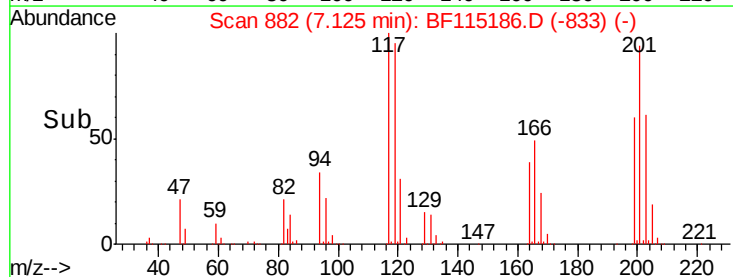
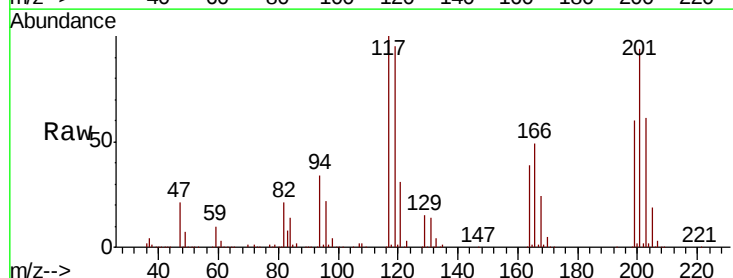
Instrument :
BNA_F
ClientSampleId :
PB120785BS

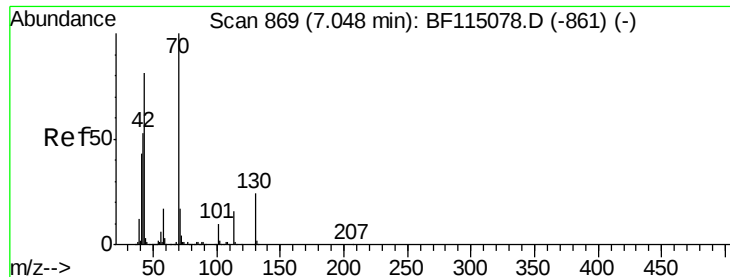
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	43.7	33.4	50.2
79	43.0	32.3	48.5



#18
Hexachloroethane
Concen: 38.944 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	114.8
201	94.4	80.2	120.2

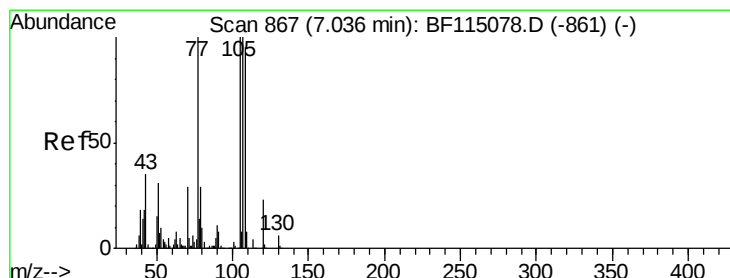
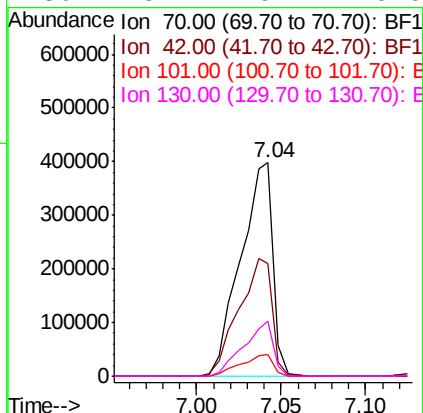
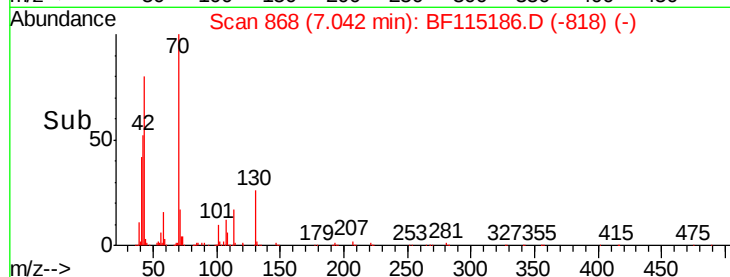
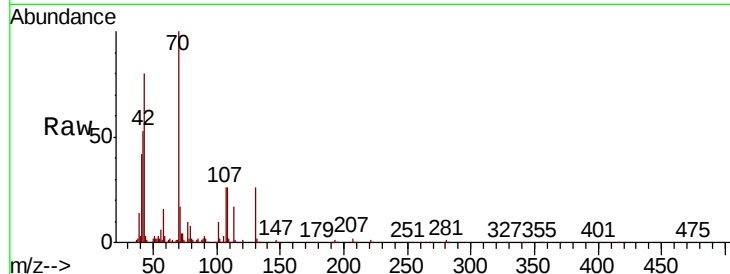




#19
n-Nitroso-di-n-propylamine
Concen: 37.744 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

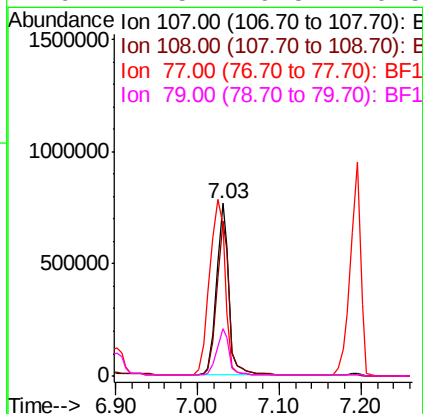
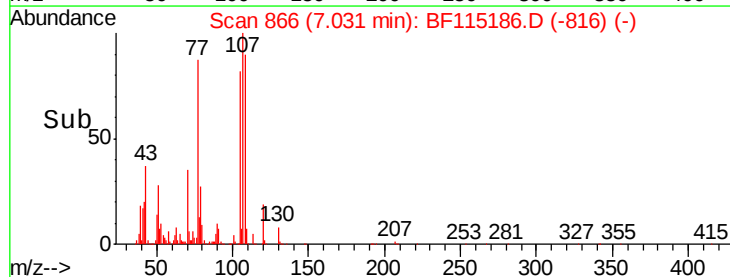
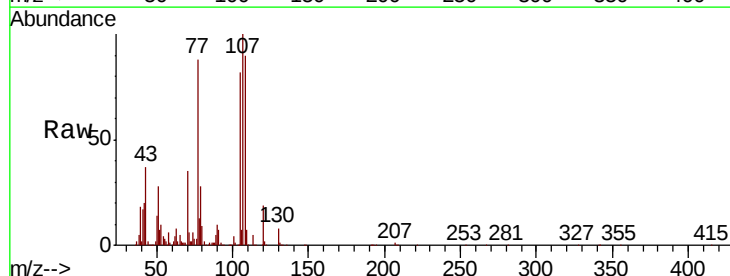
Instrument :
BNA_F
ClientSampleId :
PB120785BS

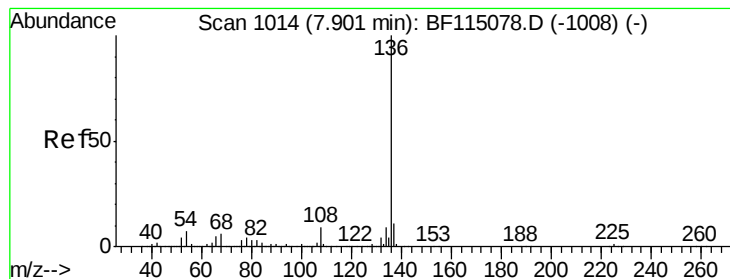
Tgt Ion:	70	Resp:	531136
Ion	Ratio	Lower	Upper
70	100		
42	52.6	42.6	63.8
101	10.3	8.0	12.0
130	25.7	19.4	29.0



#20
3+4-Methylphenols
Concen: 42.309 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:	107	Resp:	821120
Ion	Ratio	Lower	Upper
107	100		
108	89.7	75.5	115.5
77	87.5	80.2	120.2
79	27.5	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

Tgt Ion:136 Resp: 1113435

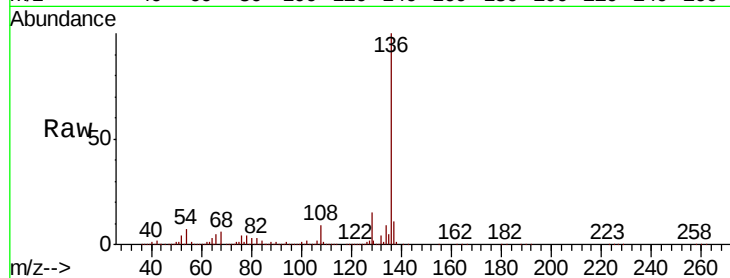
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.5 5.6 8.4

68 5.8 4.8 7.2

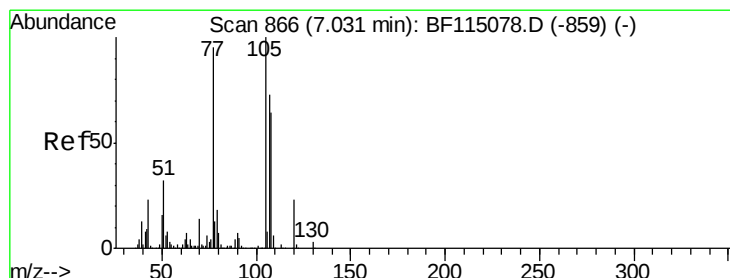
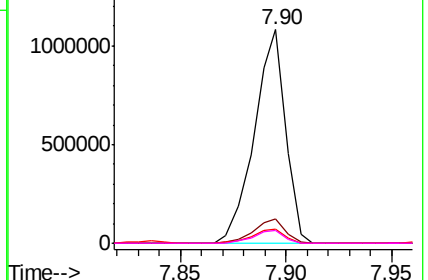
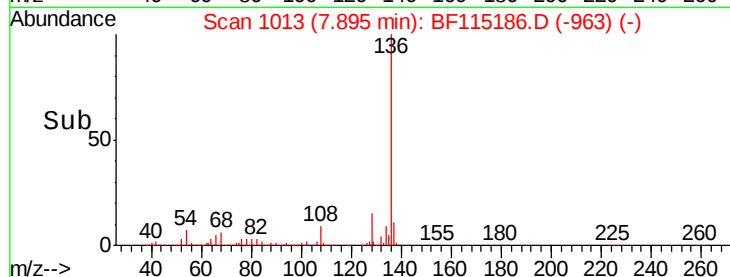


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.116 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tgt Ion:105 Resp: 1099037

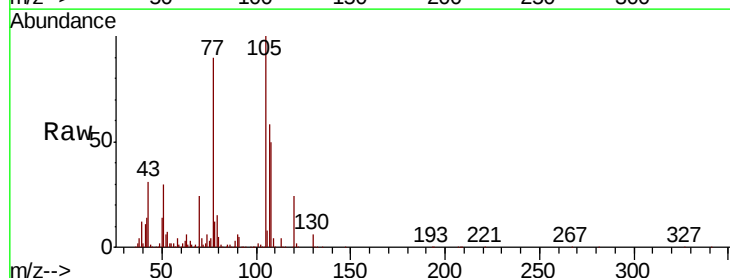
Ion Ratio Lower Upper

105 100

71 4.1 1.9 2.9#

51 30.1 25.8 38.8

120 23.9 18.5 27.7

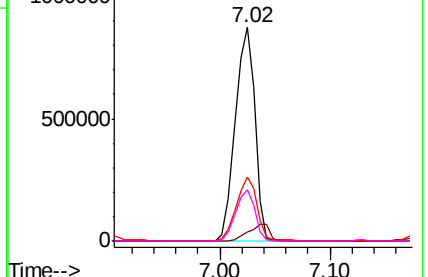
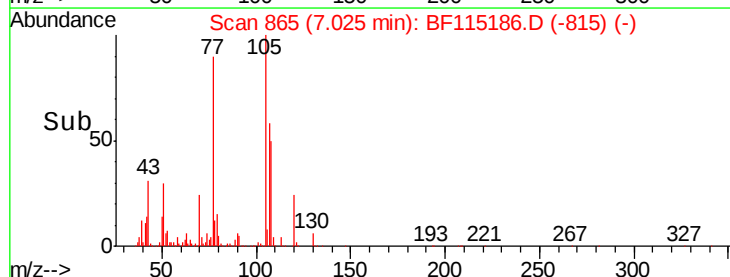


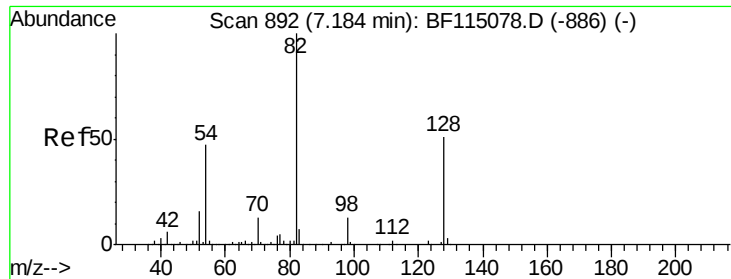
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

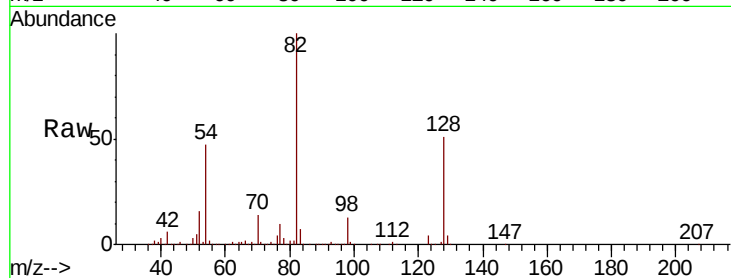




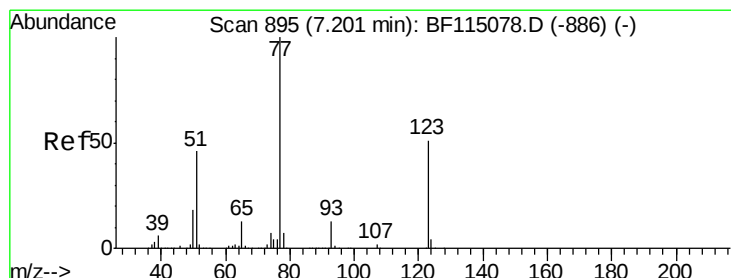
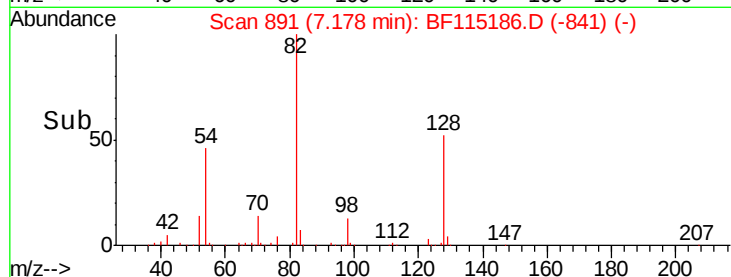
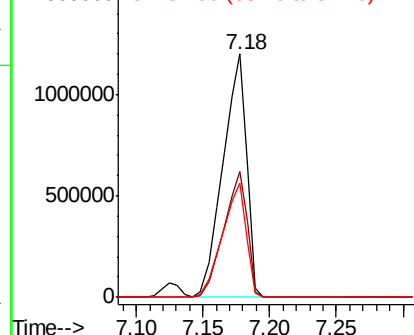
#23
 Nitrobenzene-d5
 Concen: 82.985 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion: 82 Resp: 1502044
 Ion Ratio Lower Upper
 82 100
 128 51.5 40.4 60.6
 54 46.8 37.5 56.3

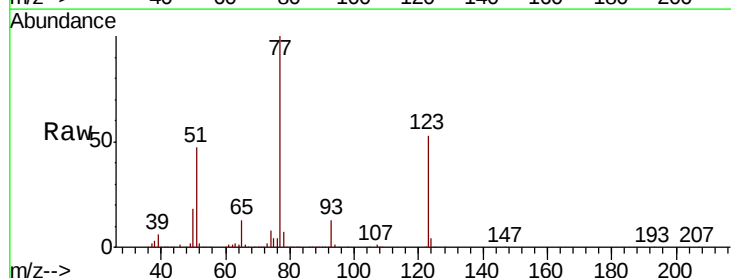


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

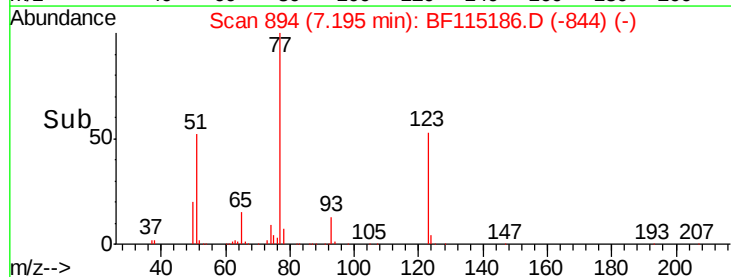
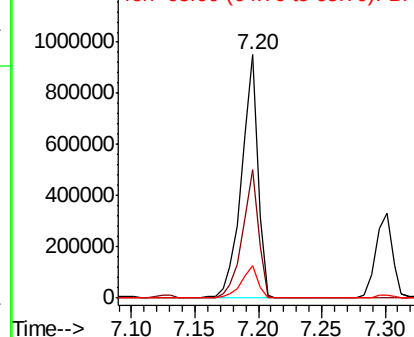


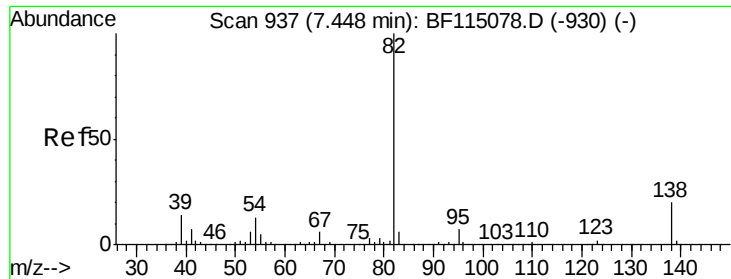
#24
 Nitrobenzene
 Concen: 41.935 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion: 77 Resp: 836197
 Ion Ratio Lower Upper
 77 100
 123 52.9 41.0 61.6
 65 13.5 10.5 15.7



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

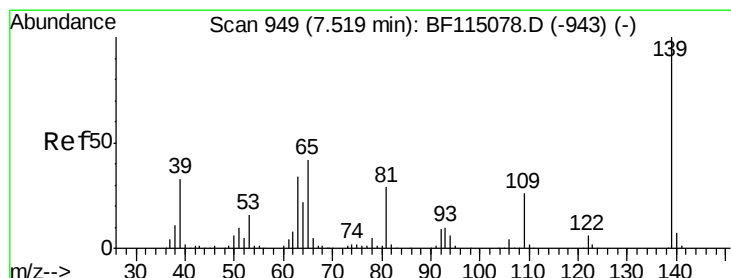
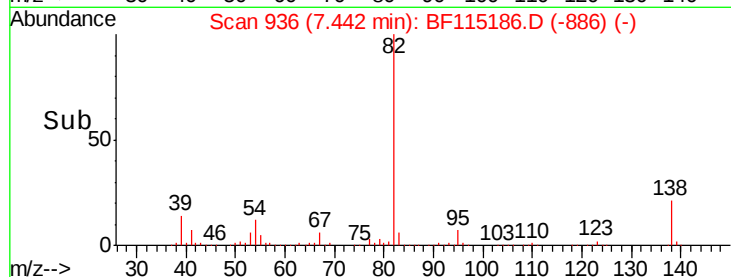
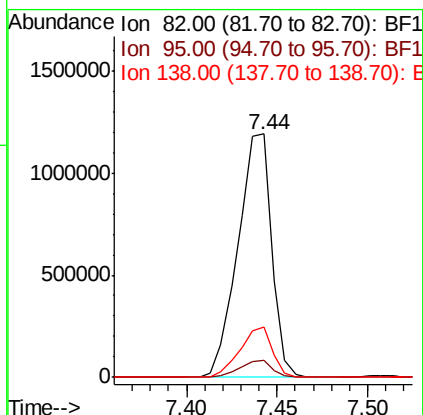
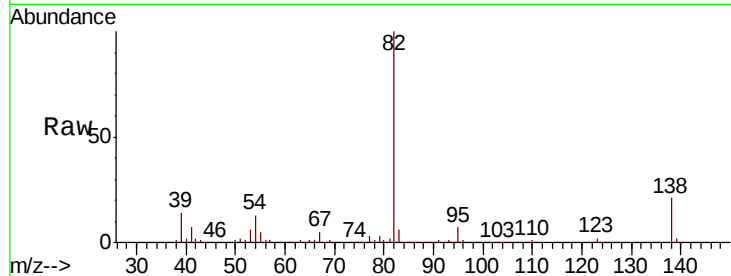




#25
Isophorone
Concen: 41.653 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

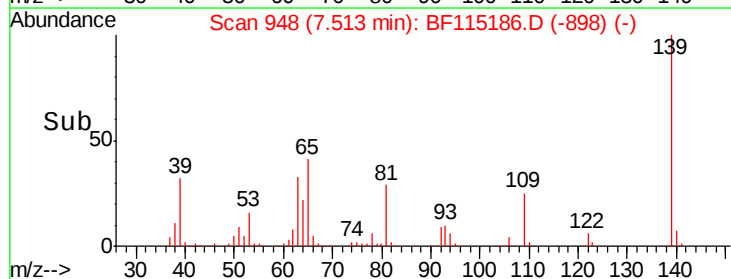
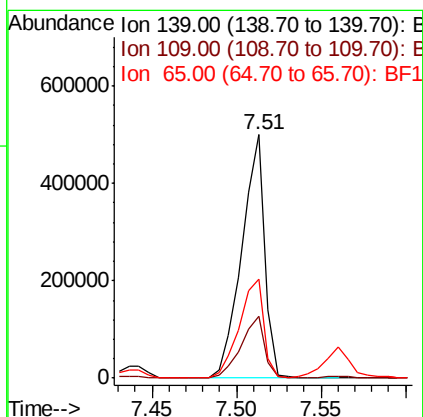
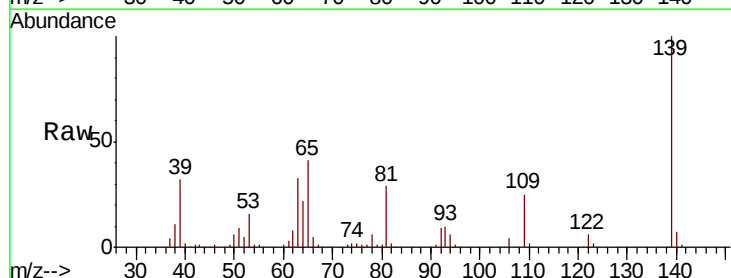
Instrument :
BNA_F
ClientSampleId :
PB120785BS

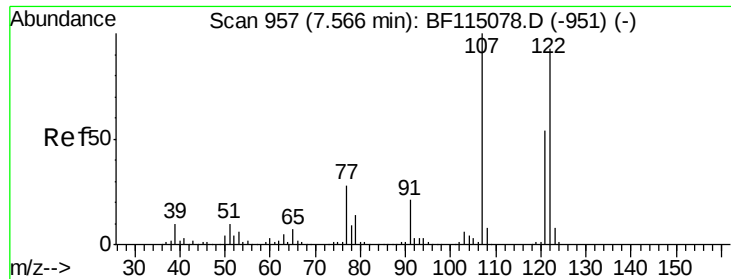
Tgt Ion: 82 Resp: 1544457
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 20.8 15.9 23.9



#26
2-Nitrophenol
Concen: 48.476 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion: 139 Resp: 477367
Ion Ratio Lower Upper
139 100
109 25.3 20.4 30.6
65 40.8 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 49.478 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

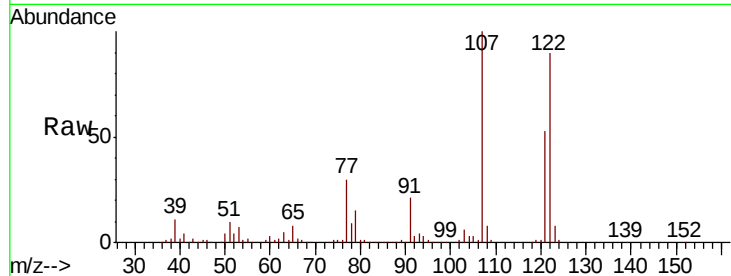
Tgt Ion:122 Resp: 797749

Ion Ratio Lower Upper

122 100

107 110.5 85.8 128.6

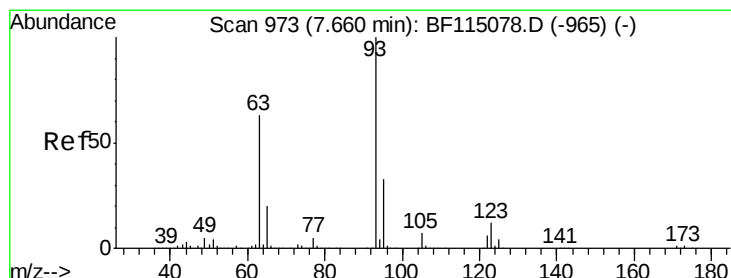
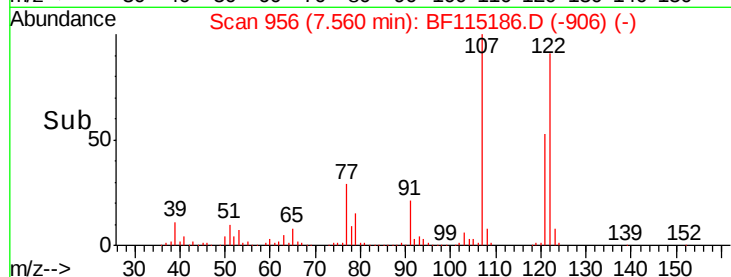
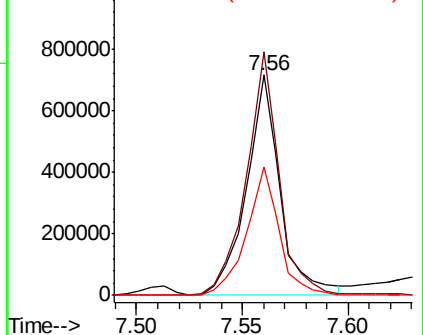
121 58.3 46.3 69.5



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: 41.181 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

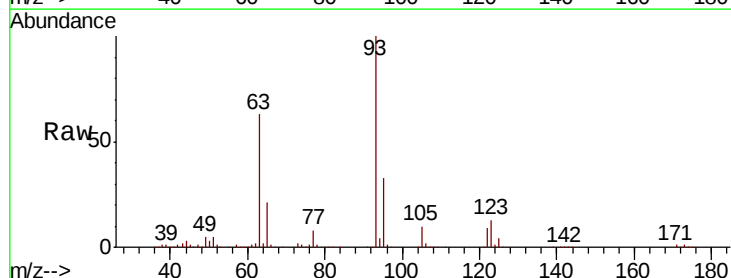
Tgt Ion: 93 Resp: 965089

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

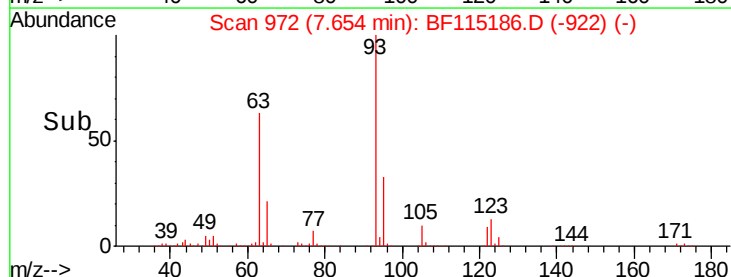
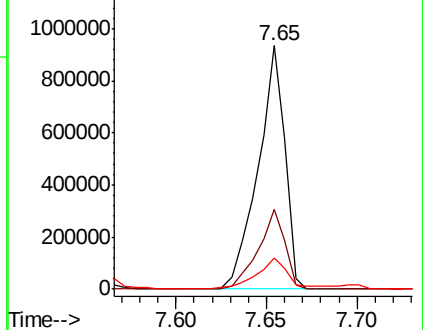
123 12.9 9.7 14.5



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

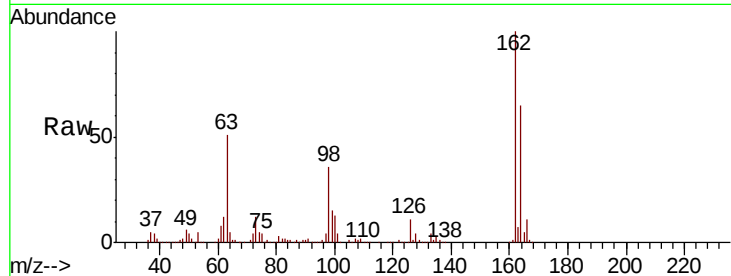




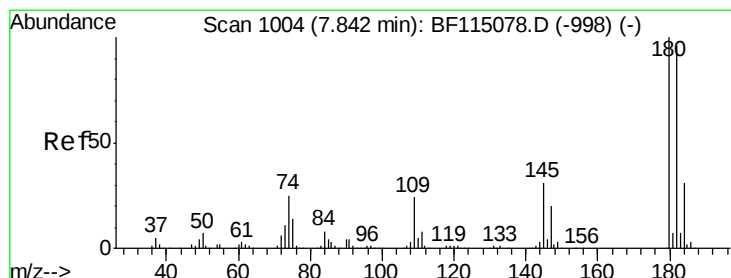
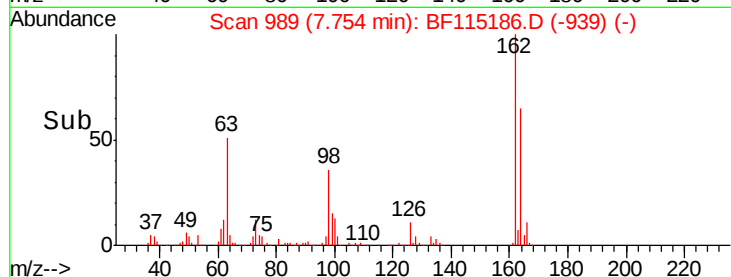
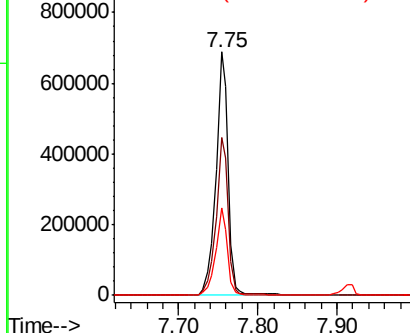
#29
2,4-Dichlorophenol
Concen: 44.412 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:162 Resp: 738970
Ion Ratio Lower Upper
162 100
164 64.8 45.3 85.3
98 36.1 12.5 52.5

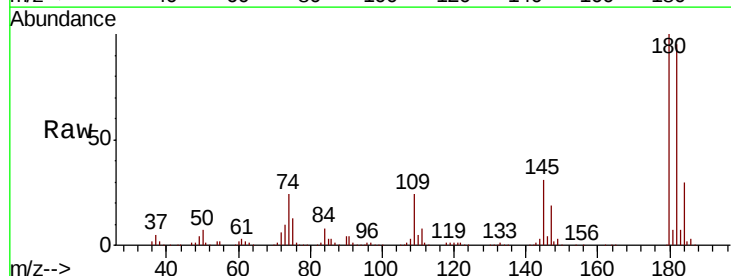


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

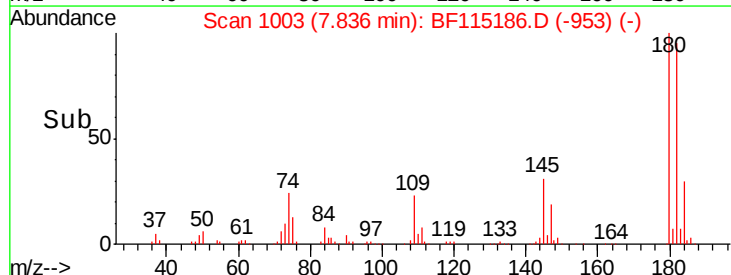
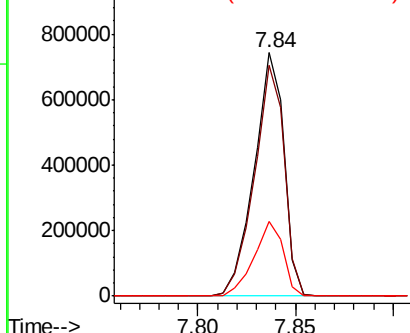


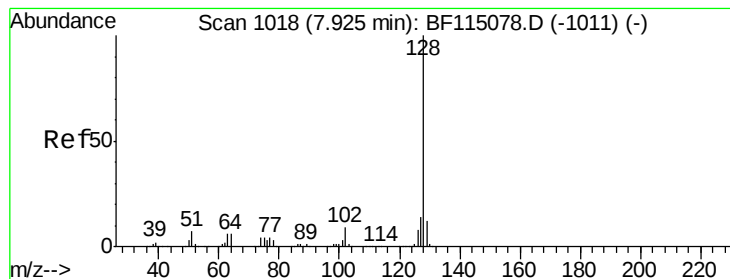
#30
1,2,4-Trichlorobenzene
Concen: 42.576 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:180 Resp: 782503
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
145 30.5 24.8 37.2



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





#31

Naphthalene

Concen: 42.767 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

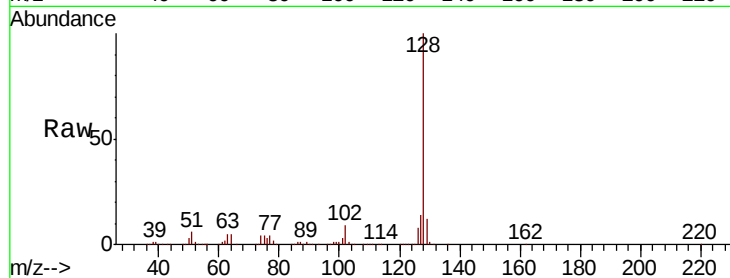
Tgt Ion:128 Resp: 2337476

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

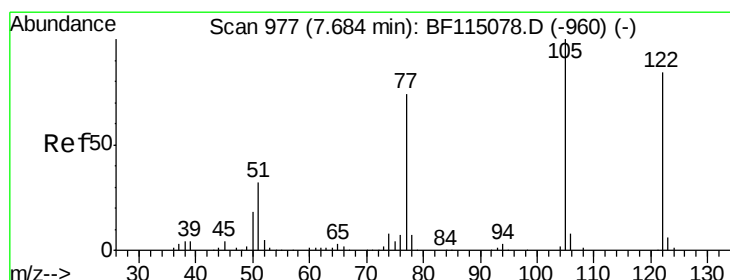
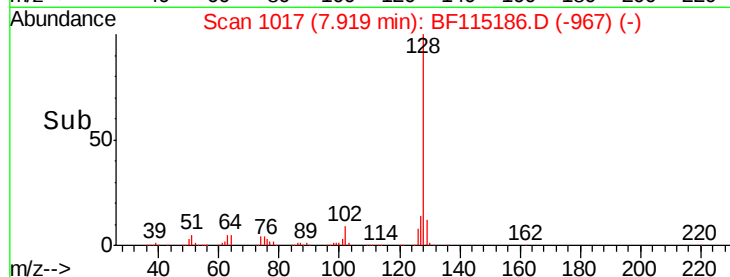
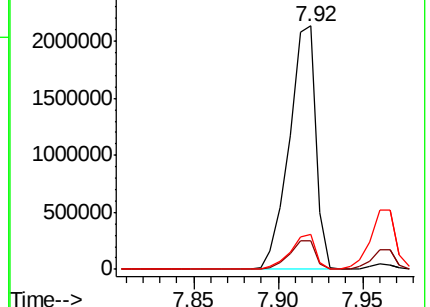
127 14.2 11.4 17.0



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: 51.923 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

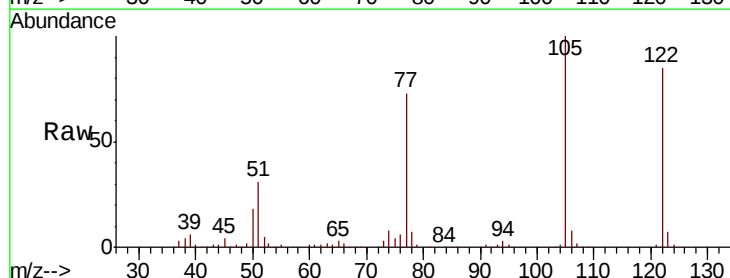
Tgt Ion:122 Resp: 597582

Ion Ratio Lower Upper

122 100

105 118.1 98.2 138.2

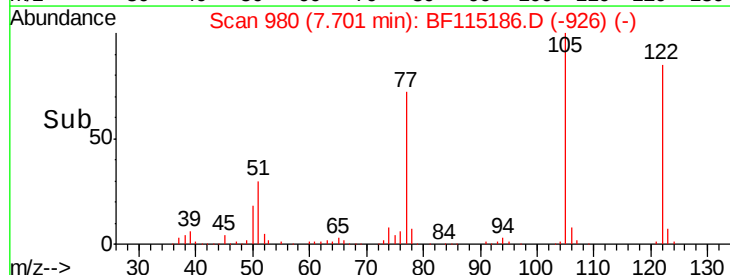
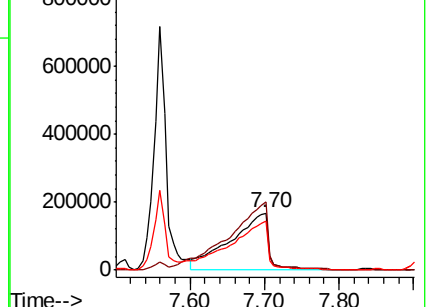
77 86.2 67.0 107.0



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

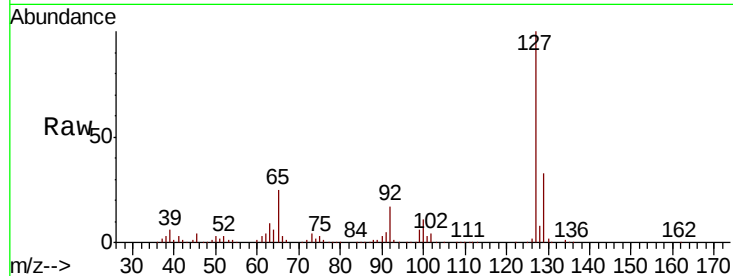




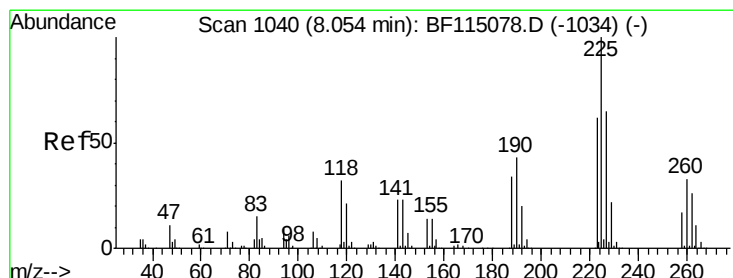
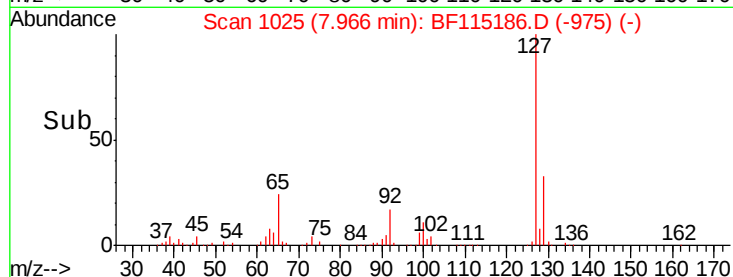
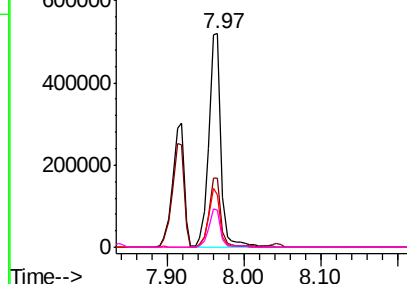
#33
4-Chloroaniline
Concen: 22.940 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:	127	Resp:	573019
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	24.6	21.4	32.2
92	17.3	14.1	21.1

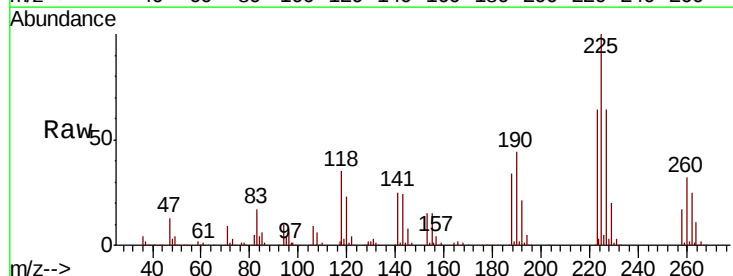


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

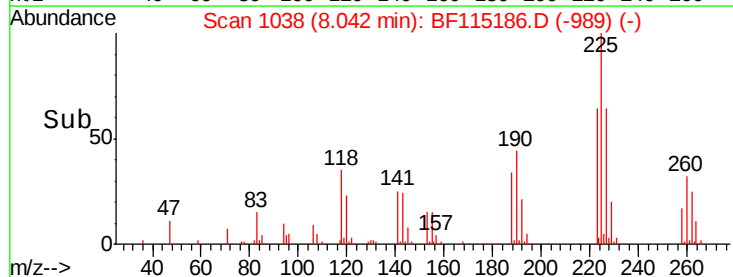
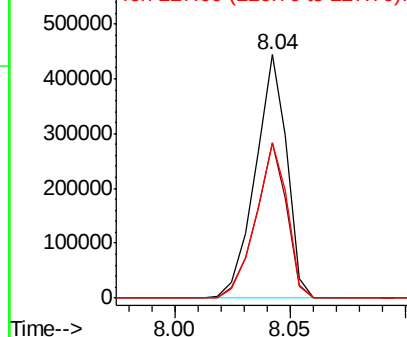


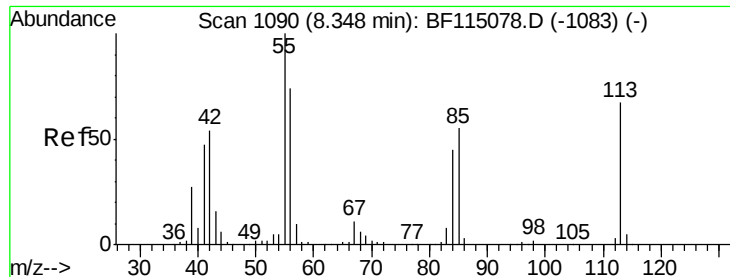
#34
Hexachlorobutadiene
Concen: 41.803 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:	225	Resp:	421033
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.2
227	63.7	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
600000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

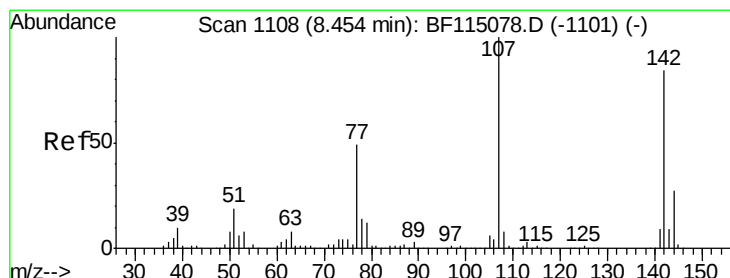
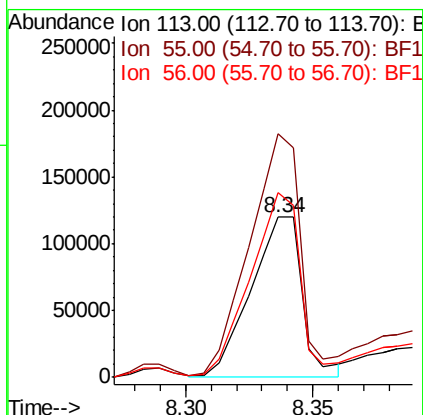
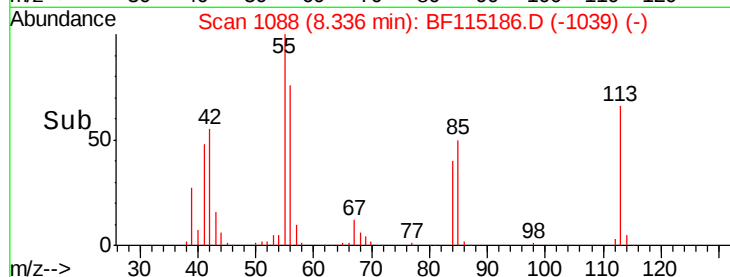
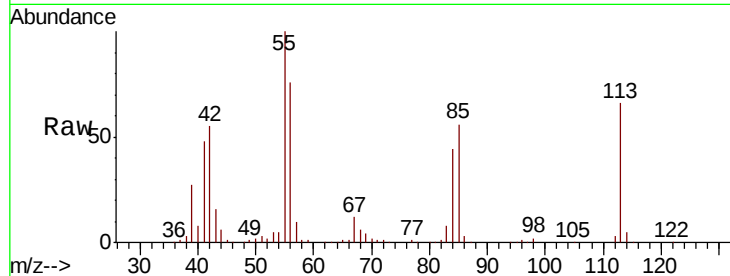




#35
 Caprolactam
 Concen: 30.064 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

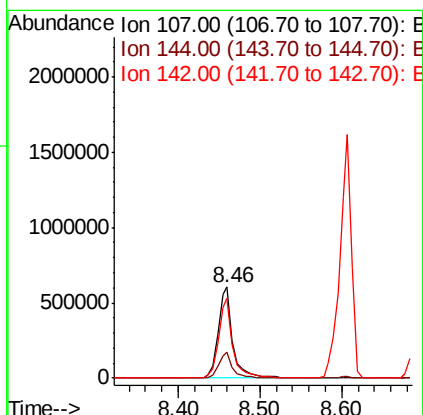
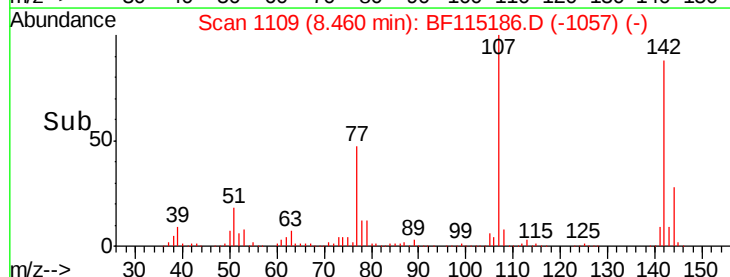
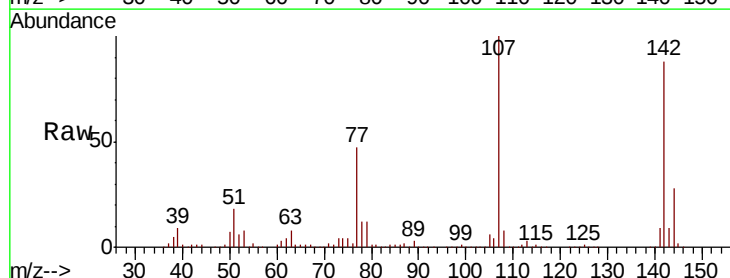
Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

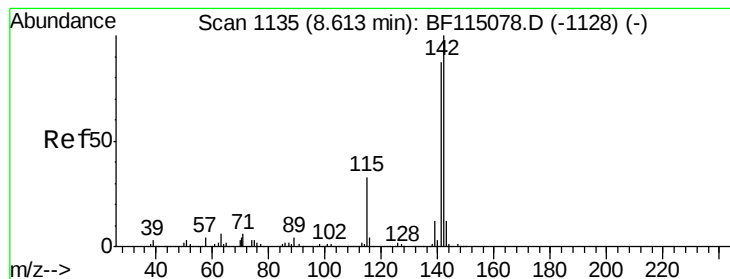
Tgt Ion:113 Resp: 168183
 Ion Ratio Lower Upper
 113 100
 55 152.0 130.2 170.2
 56 114.9 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.567 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:107 Resp: 750982
 Ion Ratio Lower Upper
 107 100
 144 28.2 21.7 32.5
 142 87.9 67.0 100.4





#37

2-Methylnaphthalene

Concen: 43.494 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

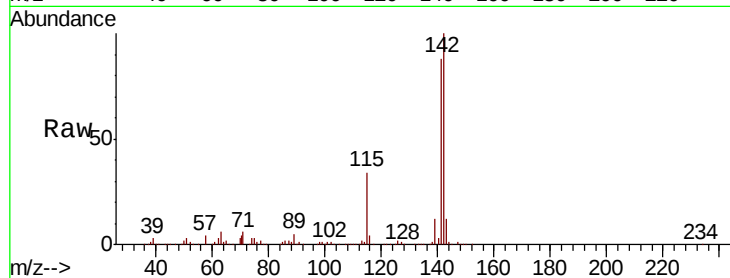
Tgt Ion:142 Resp: 1602833

Ion Ratio Lower Upper

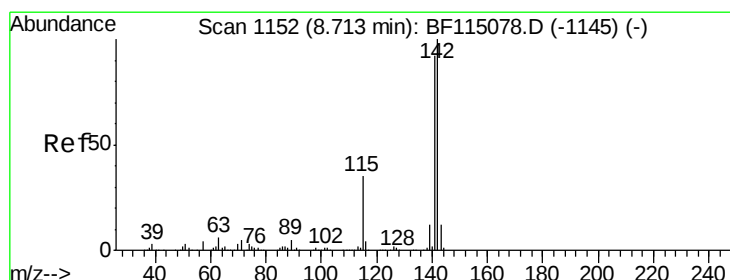
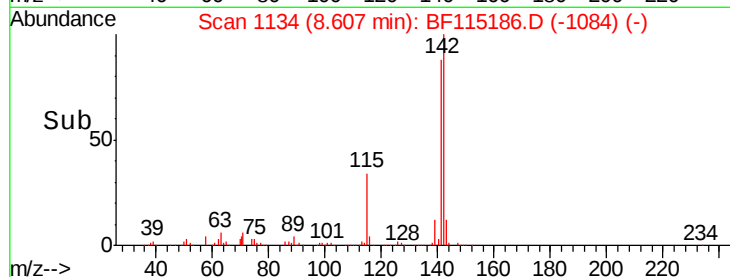
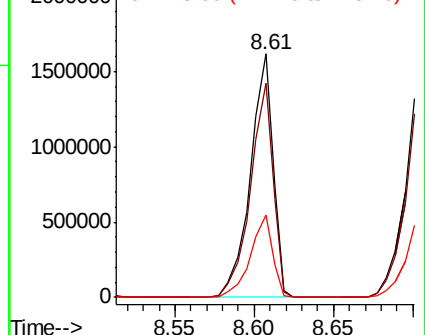
142 100

141 88.1 69.8 104.6

115 34.0 26.7 40.1



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: 43.349 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

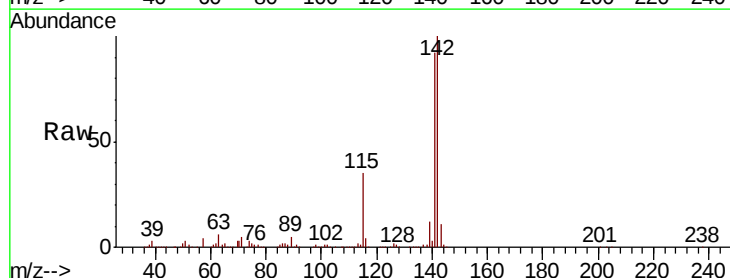
Tgt Ion:142 Resp: 1525706

Ion Ratio Lower Upper

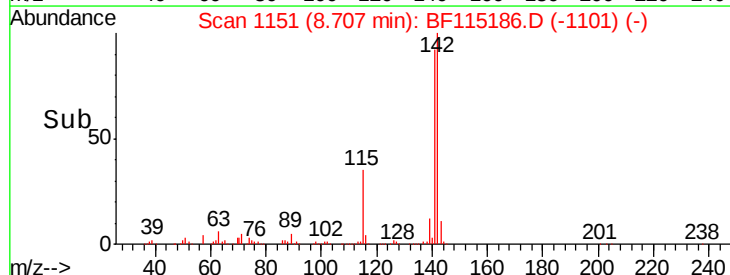
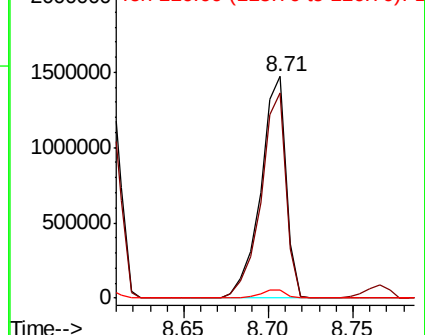
142 100

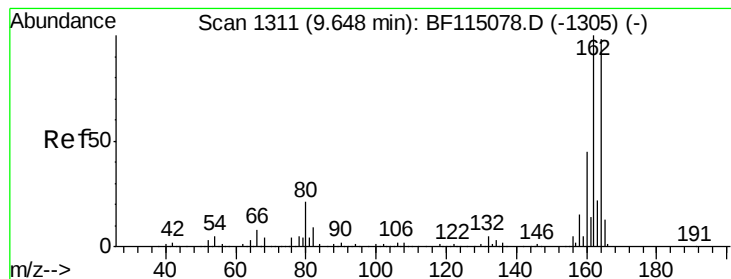
141 92.5 73.8 110.8

116 3.6 2.8 4.2



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: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

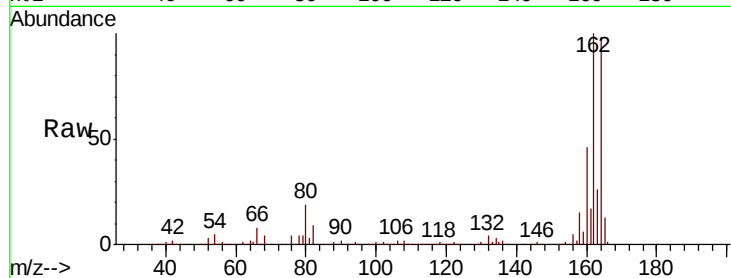
Tgt Ion:164 Resp: 548925

Ion Ratio Lower Upper

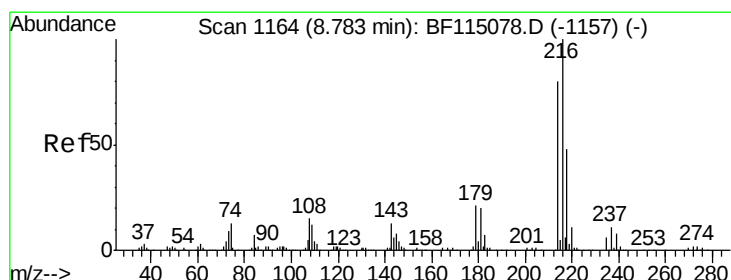
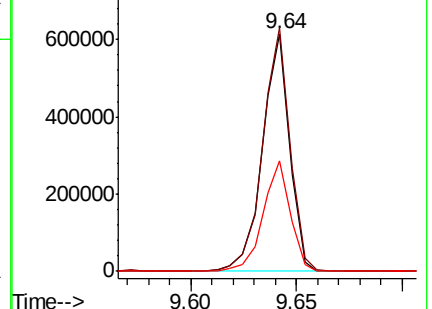
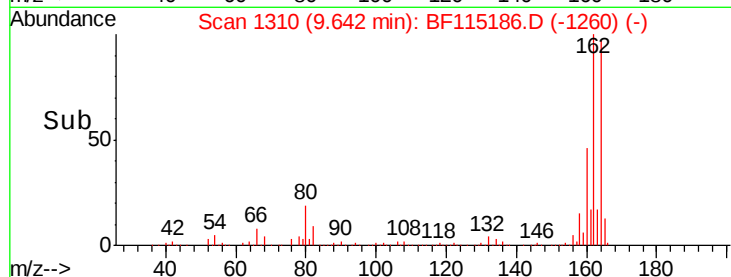
164 100

162 102.4 81.7 122.5

160 46.7 37.0 55.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.122 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Tgt Ion:216 Resp: 668888

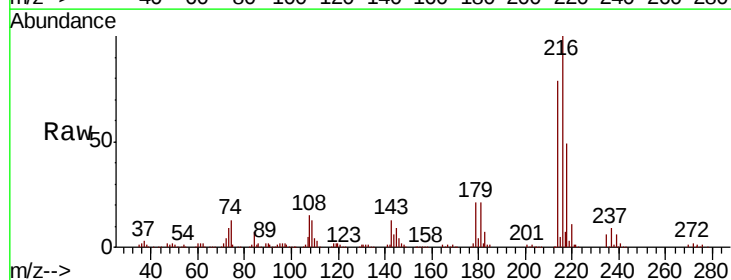
Ion Ratio Lower Upper

216 100

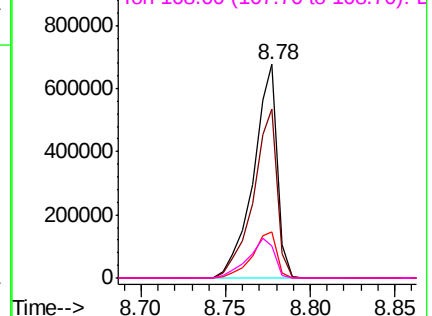
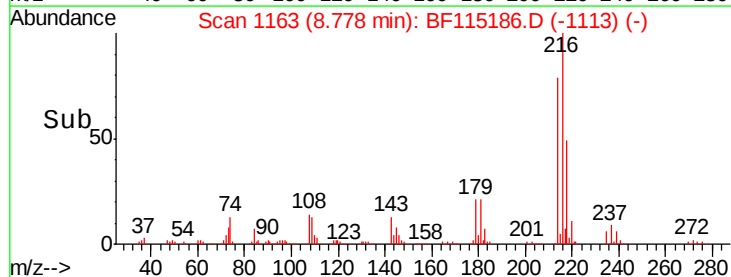
214 79.2 63.8 95.6

179 22.4 17.6 26.4

108 20.6 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: 76.790 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

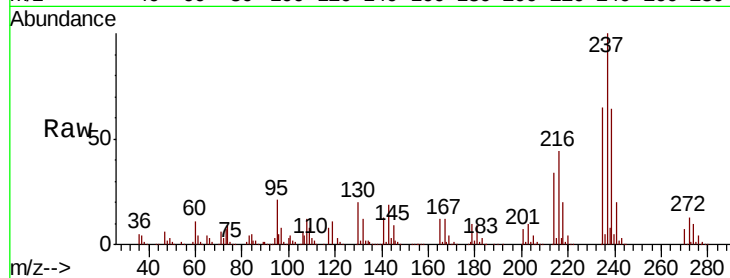
Tgt Ion:237 Resp: 706307

Ion Ratio Lower Upper

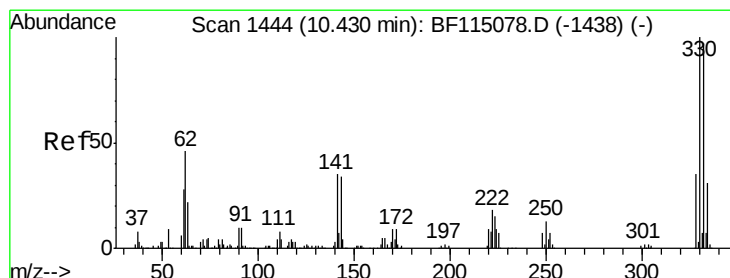
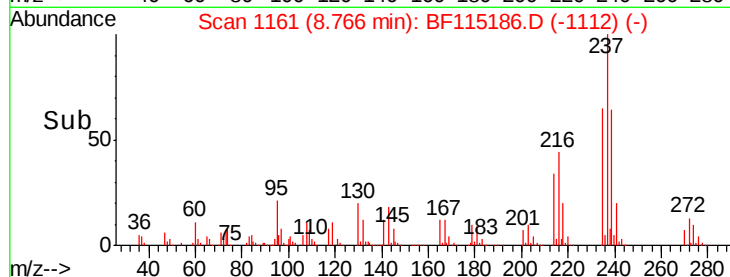
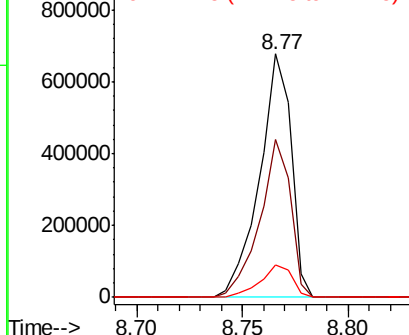
237 100

235 65.0 43.9 83.9

272 13.1 0.0 33.8



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: 121.152 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

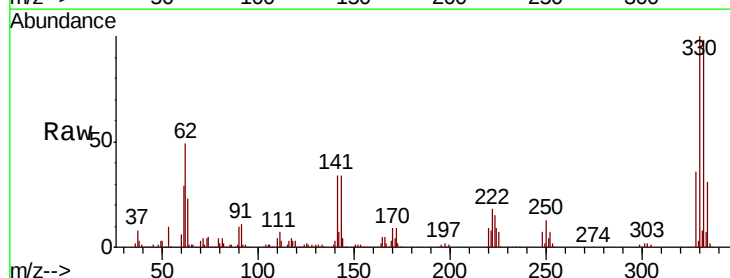
Tgt Ion:330 Resp: 701301

Ion Ratio Lower Upper

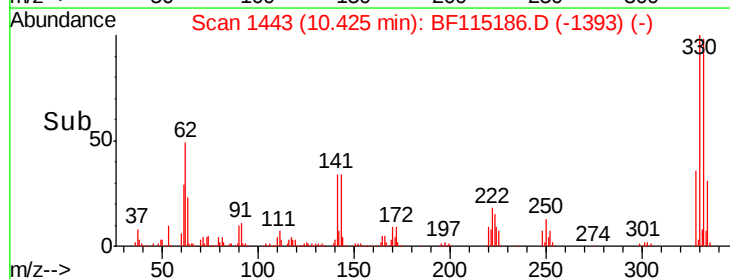
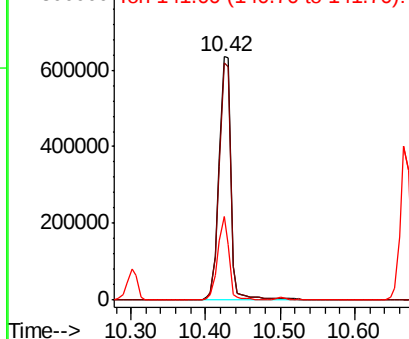
330 100

332 96.8 77.3 115.9

141 32.2 28.2 42.2



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

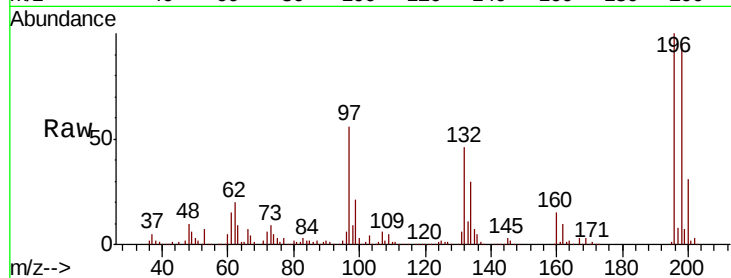




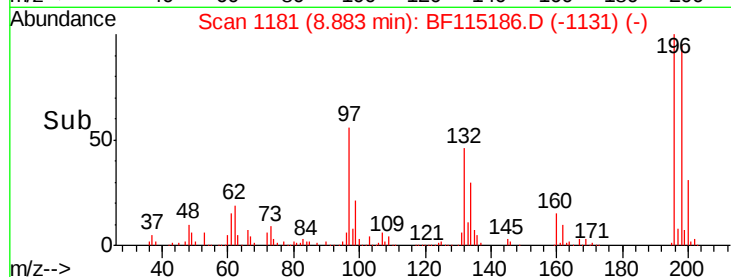
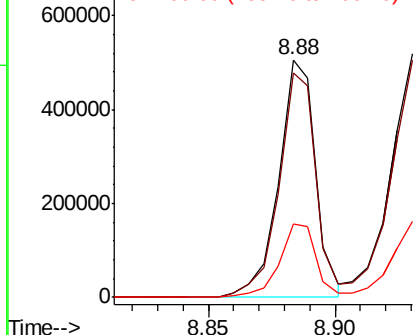
#43
 2,4,6-Trichlorophenol
 Concen: 42.694 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion:196 Resp: 511280
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 30.8 24.2 36.4



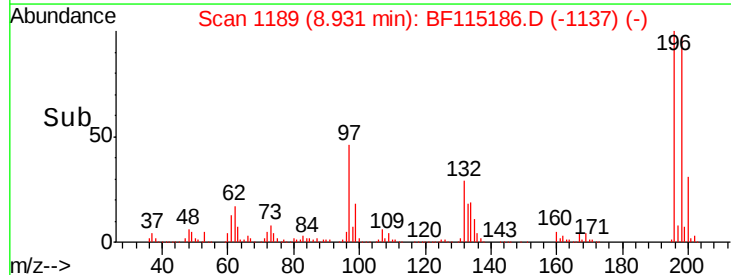
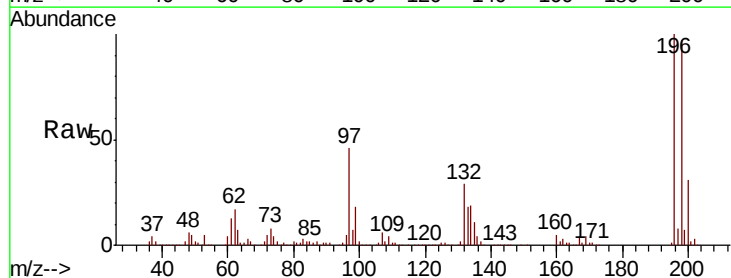
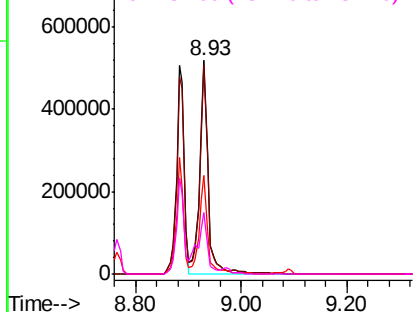
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

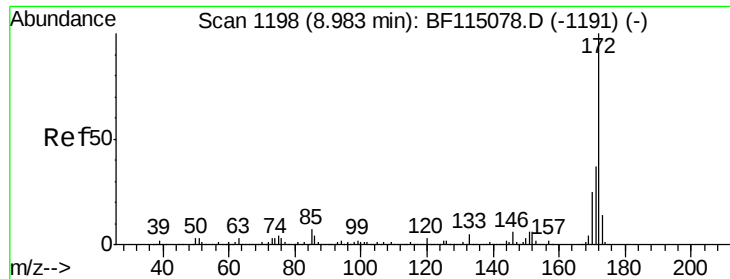


#44
 2,4,5-Trichlorophenol
 Concen: 47.984 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:196 Resp: 591765
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.1 115.7
 97 46.1 37.7 56.5
 132 29.1 23.1 34.7

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

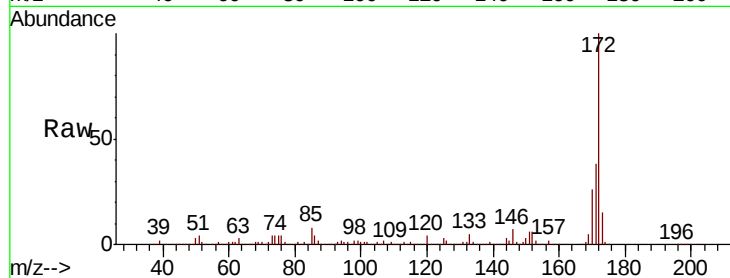




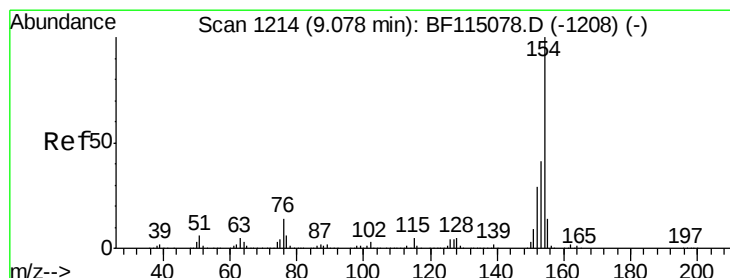
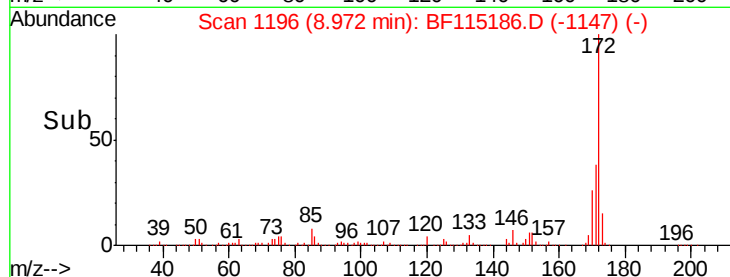
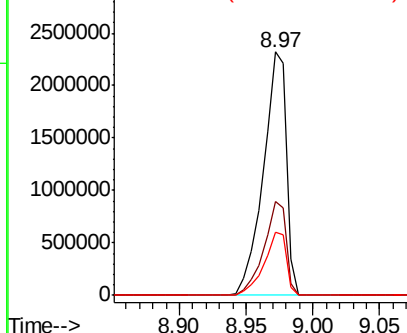
#45
2-Fluorobiphenyl
Concen: 86.009 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:172 Resp: 2779464
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.6
170 26.0 20.3 30.5

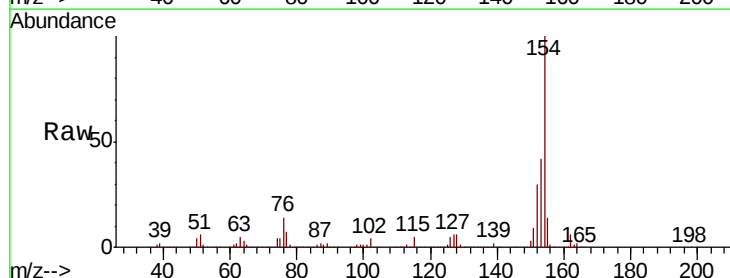


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

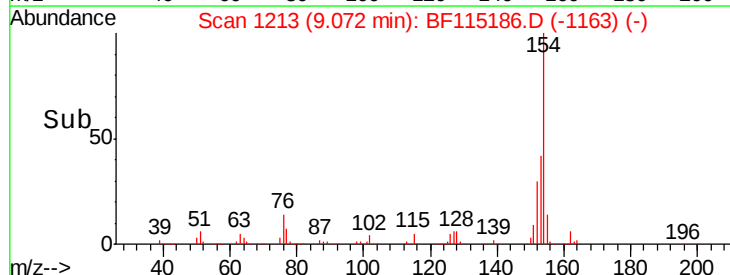
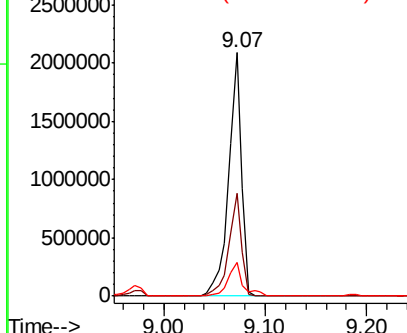


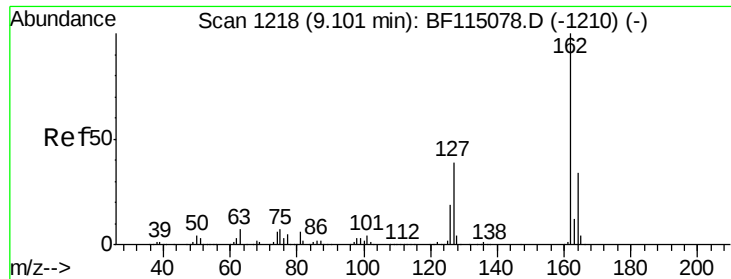
#46
1,1'-Biphenyl
Concen: 41.720 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:154 Resp: 1832402
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 13.7 0.0 34.1



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

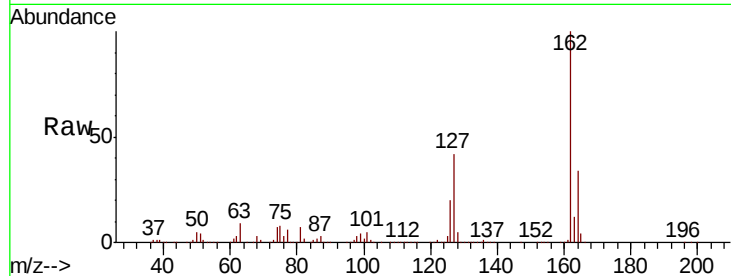




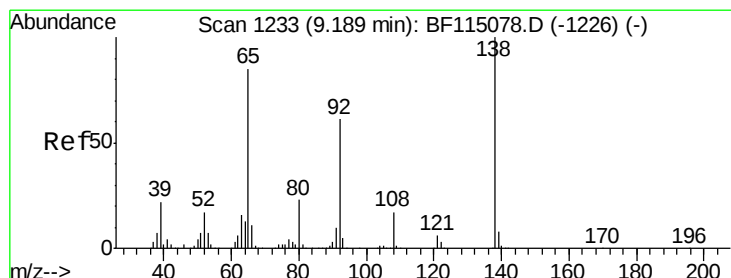
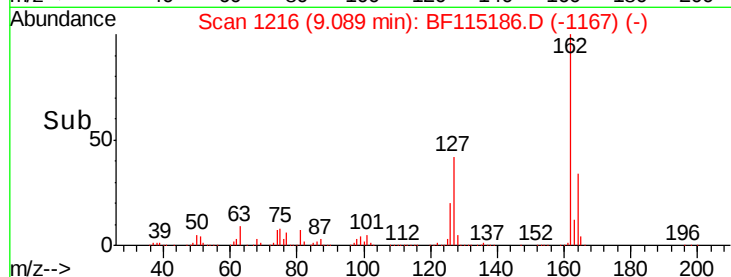
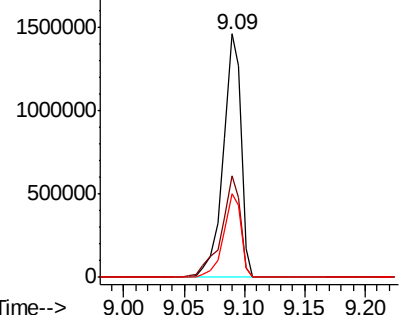
#47
 2-Chloronaphthalene
 Concen: 42.197 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion: 162 Resp: 1503380
 Ion Ratio Lower Upper
 162 100
 127 41.9 30.8 46.2
 164 34.1 27.0 40.4

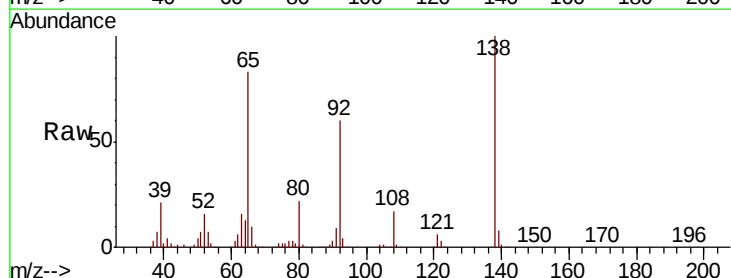


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

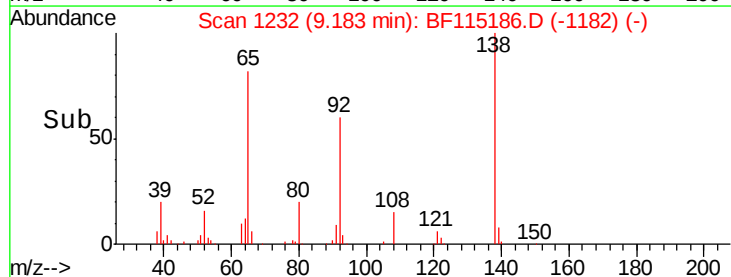
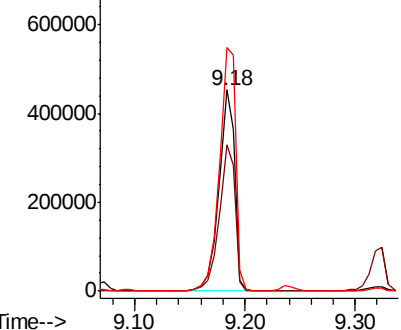


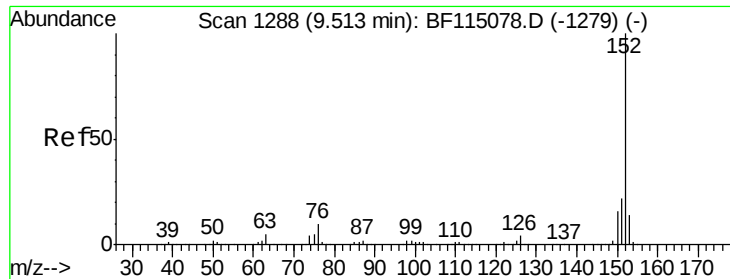
#48
 2-Nitroaniline
 Concen: 43.762 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion: 65 Resp: 454551
 Ion Ratio Lower Upper
 65 100
 92 72.6 57.4 86.2
 138 121.1 94.1 141.1



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: 41.896 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

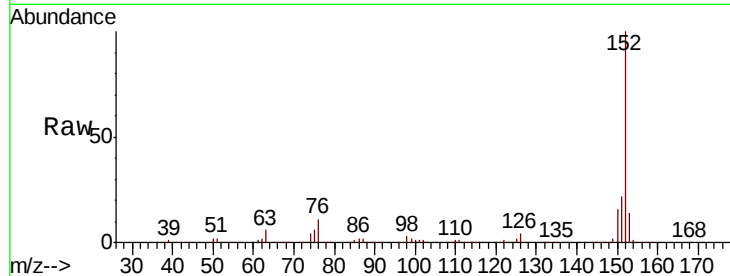
Tgt Ion:152 Resp: 2325568

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

153 14.4 11.0 16.6

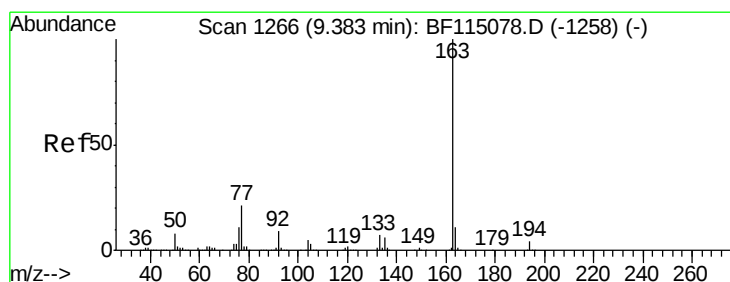
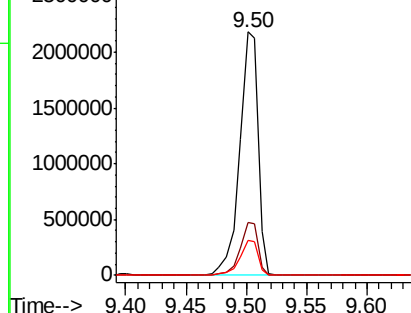
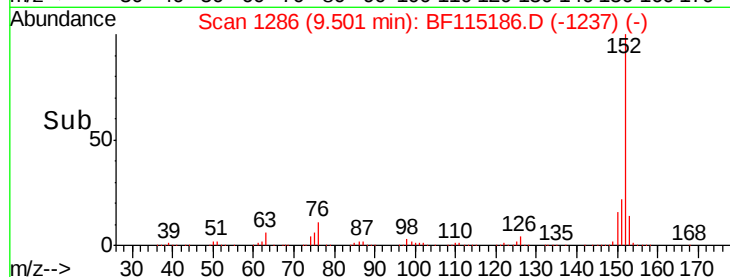


Abundance

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: 42.250 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

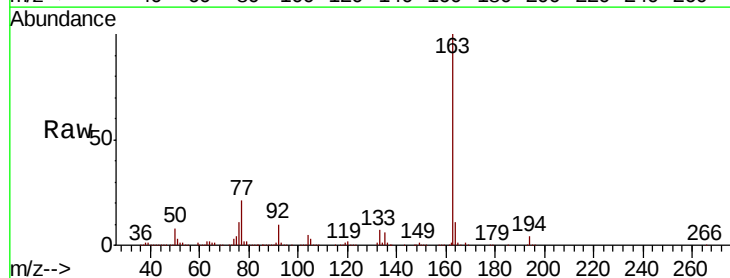
Tgt Ion:163 Resp: 1706285

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.9 8.6 13.0

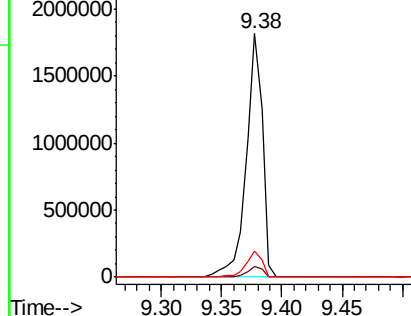
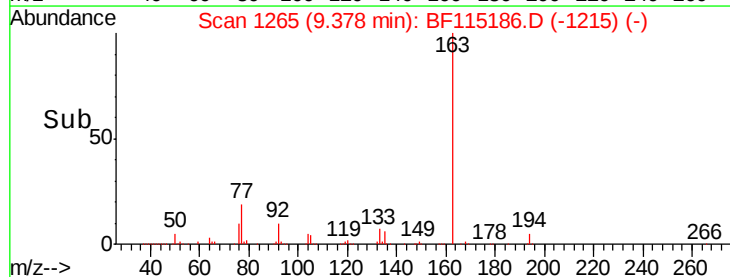


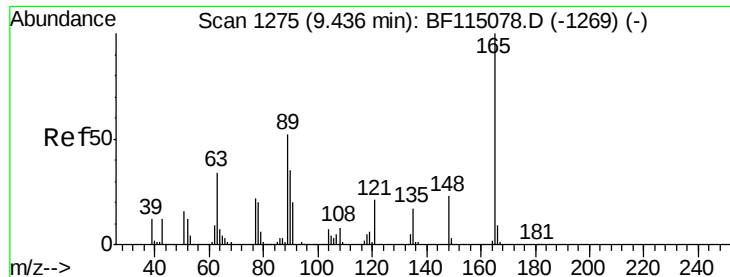
Abundance

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: 44.441 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

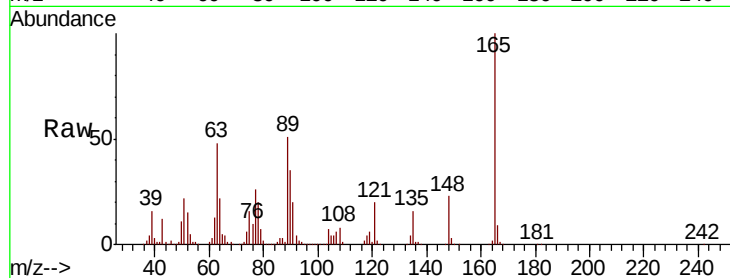
Tgt Ion:165 Resp: 414360

Ion Ratio Lower Upper

165 100

63 48.2 39.4 59.2

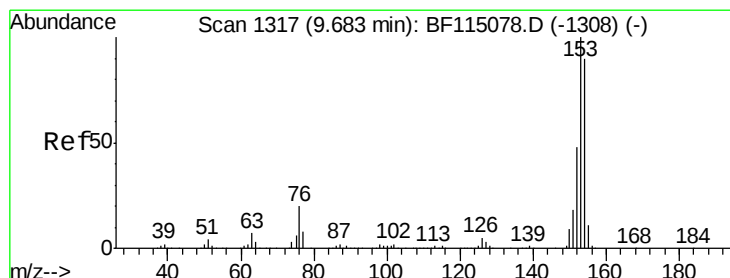
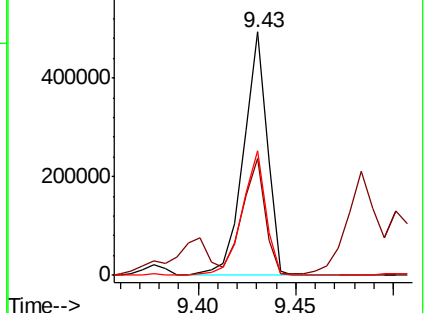
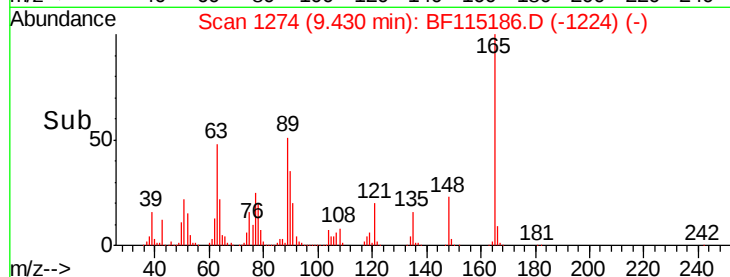
89 51.2 42.0 63.0



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: 41.419 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

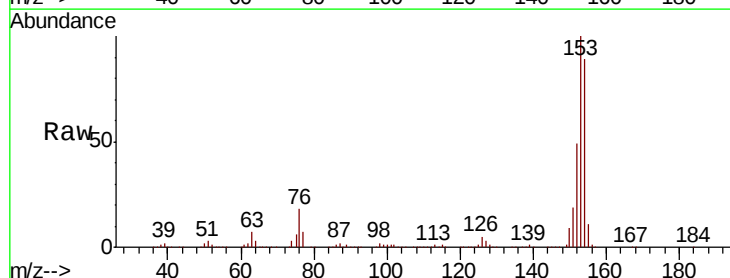
Tgt Ion:154 Resp: 1438667

Ion Ratio Lower Upper

154 100

153 112.2 88.7 133.1

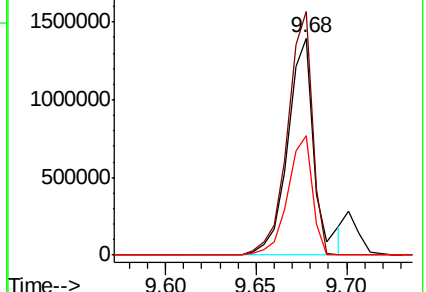
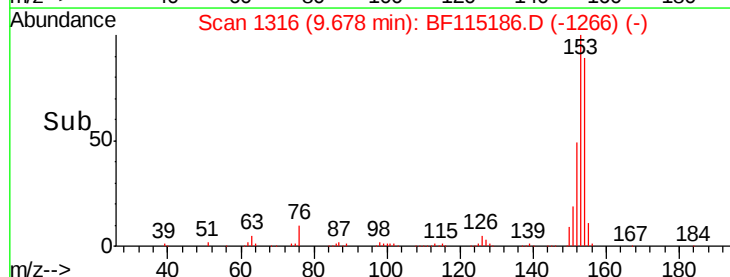
152 55.0 42.6 64.0

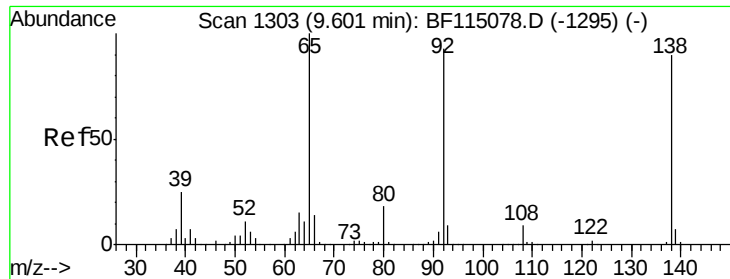


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

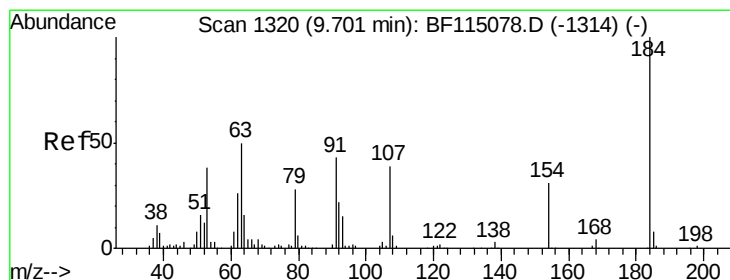
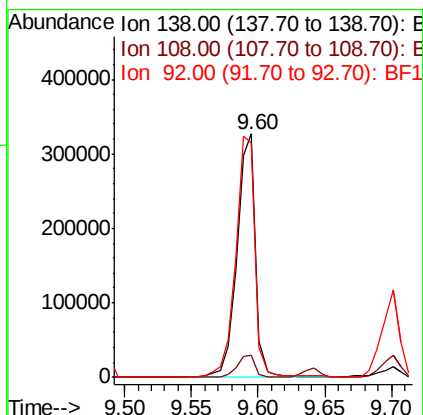
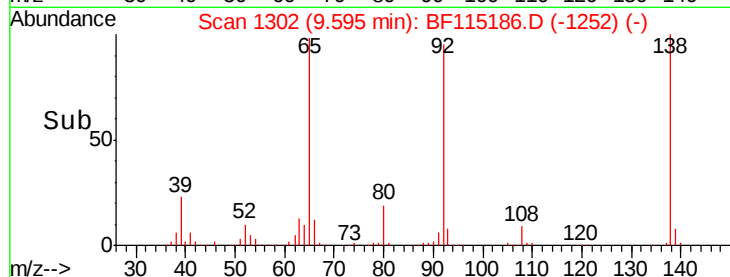
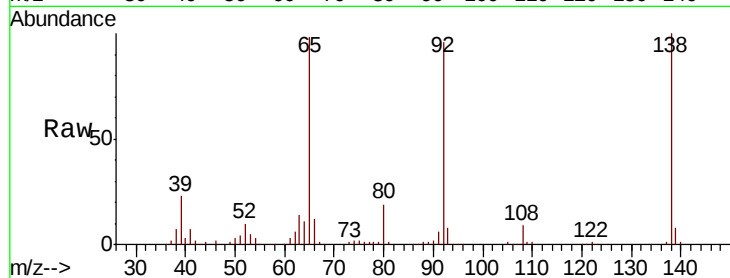




#53
 3-Nitroaniline
 Concen: 27.646 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

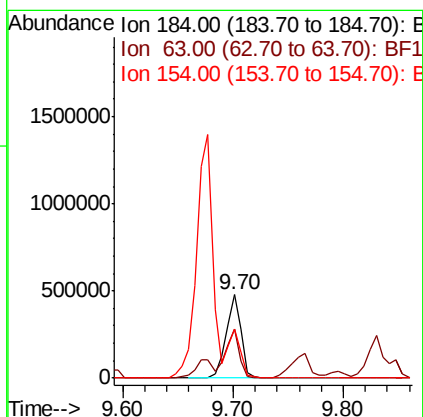
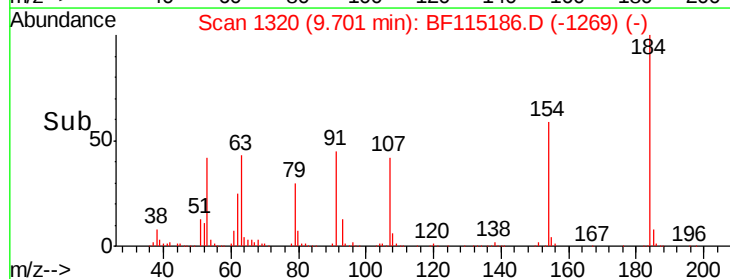
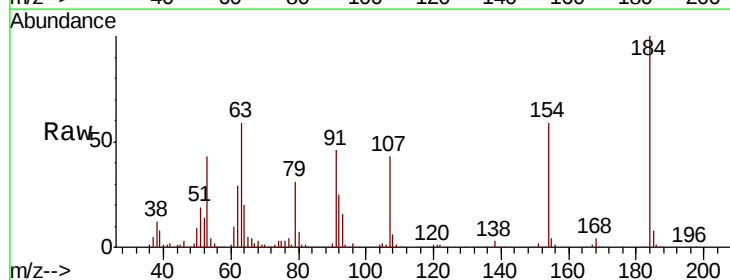
Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

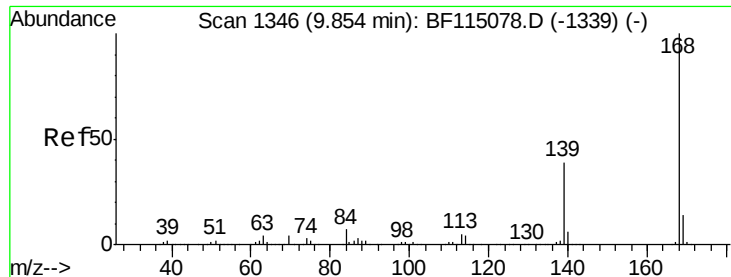
Tgt Ion:138 Resp: 314558
 Ion Ratio Lower Upper
 138 100
 108 9.0 7.8 11.6
 92 96.5 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 93.109 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:184 Resp: 453070
 Ion Ratio Lower Upper
 184 100
 63 58.8 41.9 62.9
 154 58.7 44.7 67.1

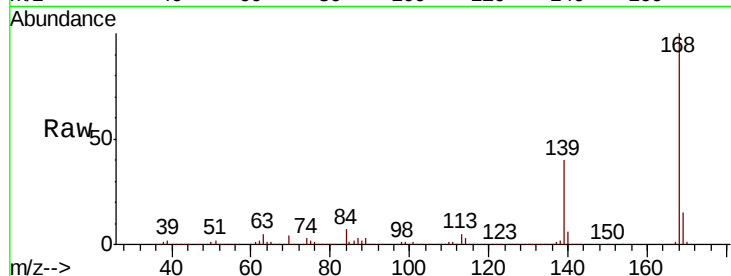




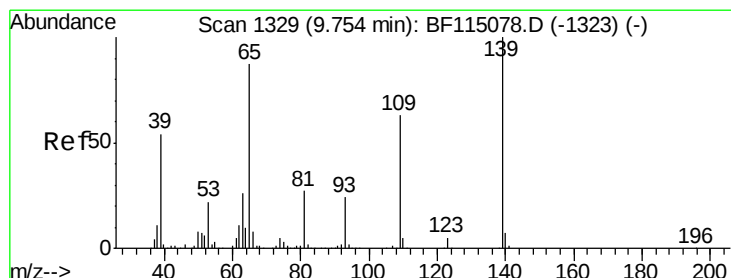
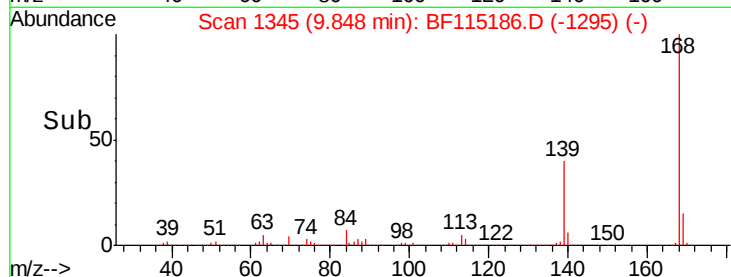
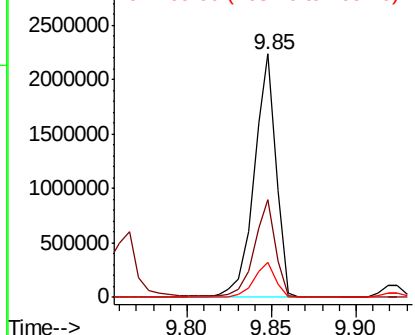
#55
Dibenzenofuran
Concen: 40.577 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:168 Resp: 2022904
Ion Ratio Lower Upper
168 100
139 40.4 31.1 46.7
169 14.6 11.3 16.9

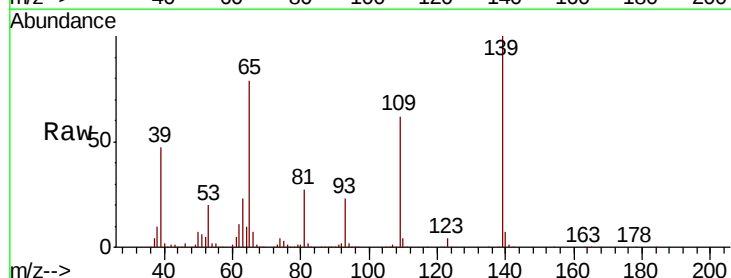


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

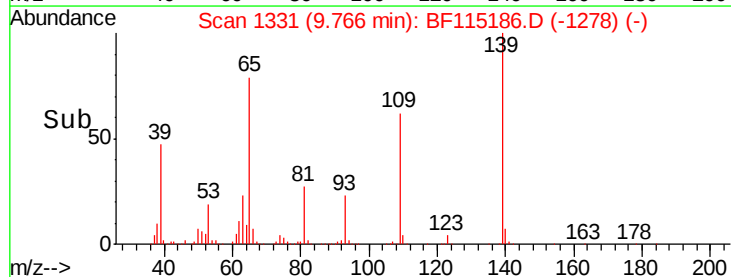
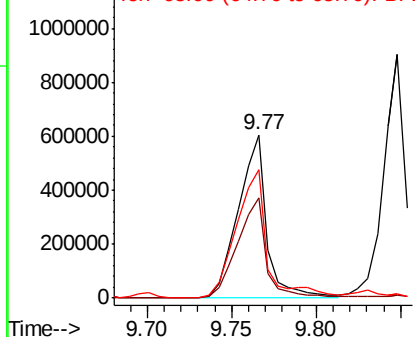


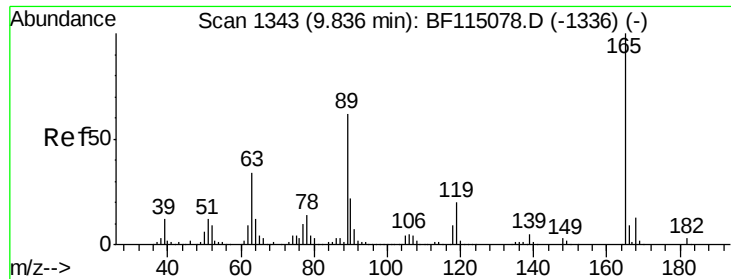
#56
4-Nitrophenol
Concen: 78.424 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:139 Resp: 715368
Ion Ratio Lower Upper
139 100
109 61.6 43.0 83.0
65 78.7 67.0 107.0



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

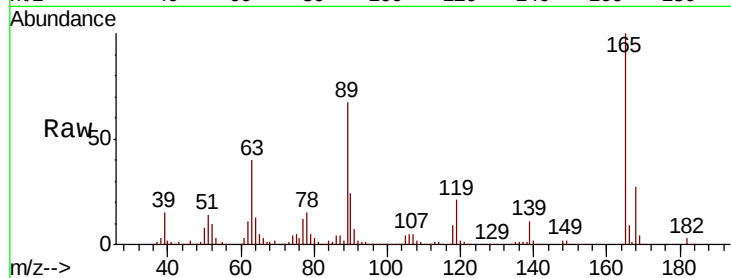




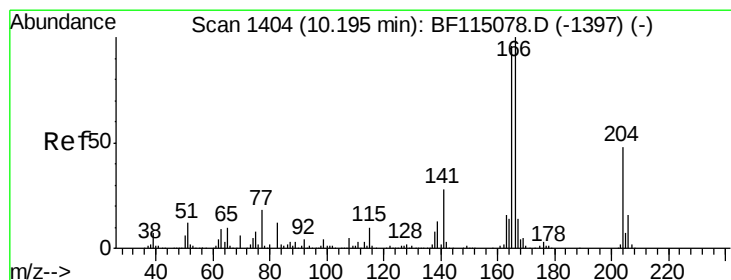
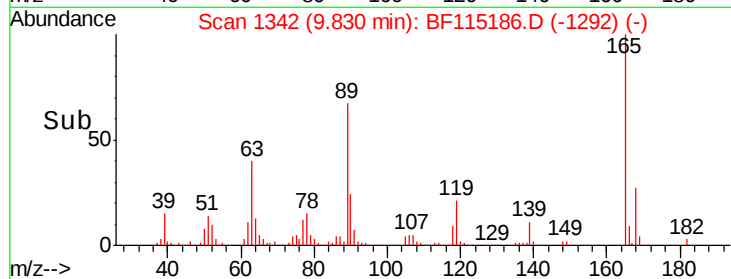
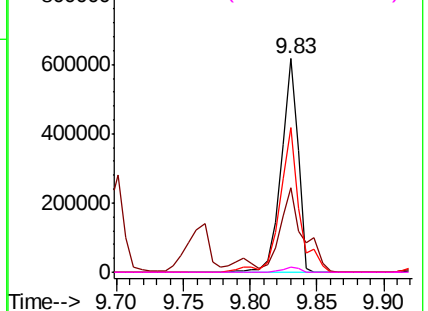
#57
2,4-Dinitrotoluene
Concen: 45.638 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:	165	Resp:	549431
Ion	Ratio	Lower	Upper
165	100		
63	39.7	27.5	41.3
89	67.5	49.9	74.9
182	2.6	2.1	3.1

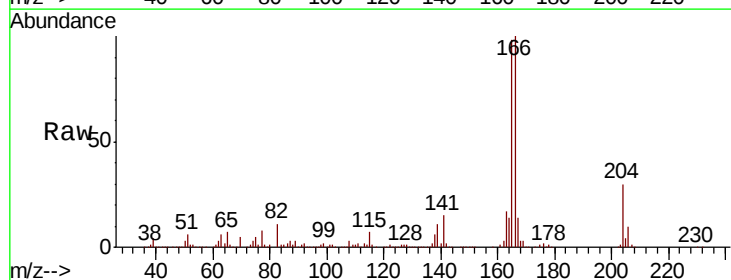


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

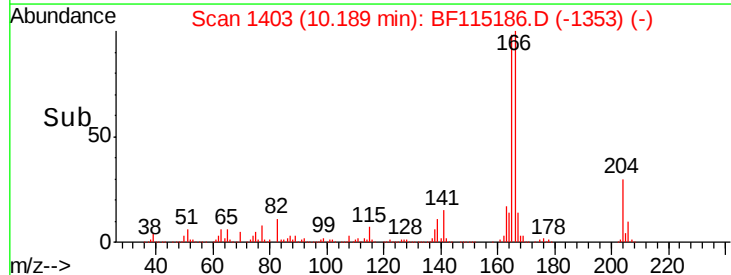
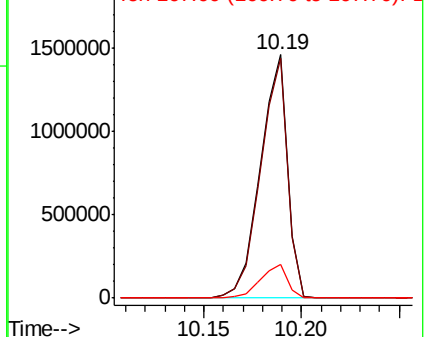


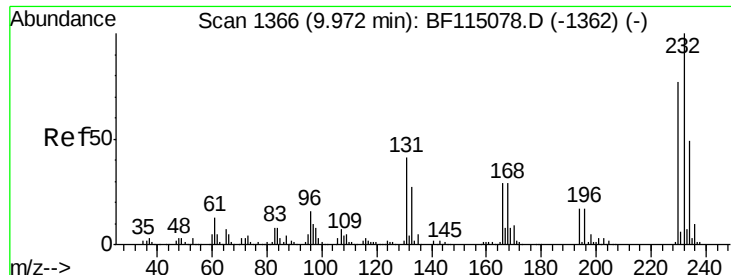
#58
Fluorene
Concen: 41.805 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:	166	Resp:	1403112
Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.5	114.7
167	13.8	11.0	16.4



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

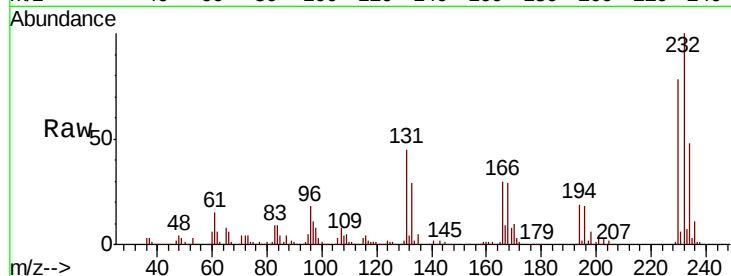




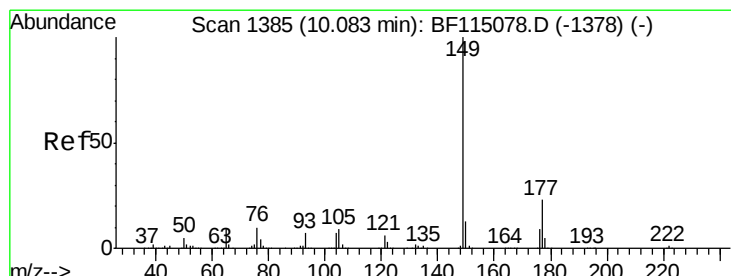
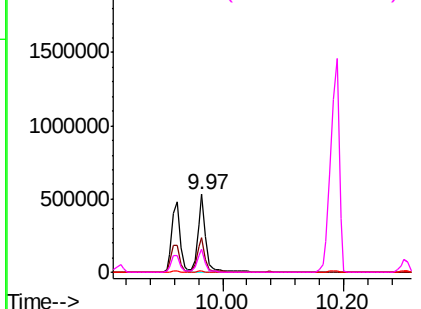
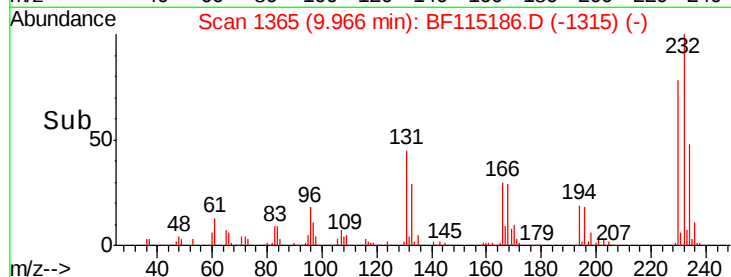
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.871 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion:	232	Resp:	495036
Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.4	56.0
130	2.1	1.8	2.6
166	28.8	24.6	36.8

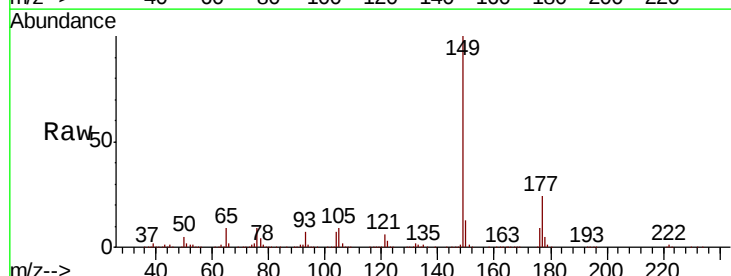


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

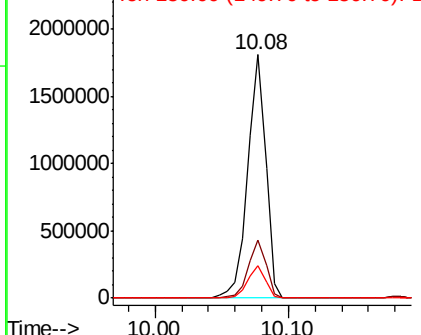
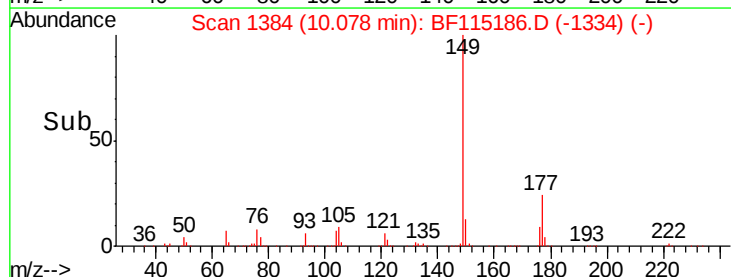


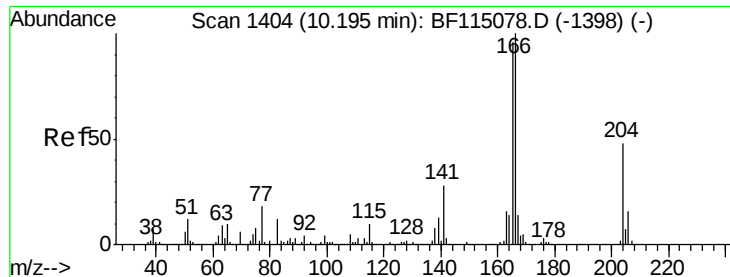
#60
 Diethylphthalate
 Concen: 41.320 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:	149	Resp:	1677432
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.1	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

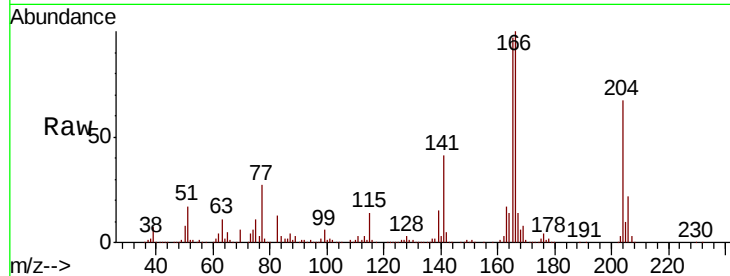




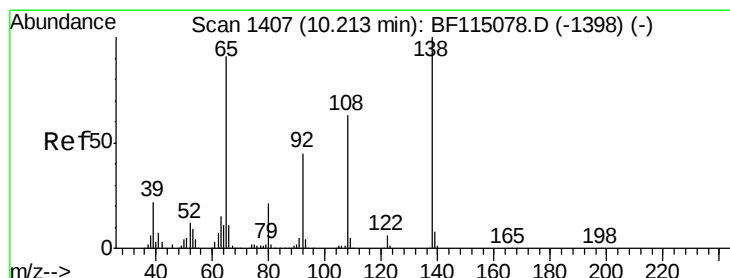
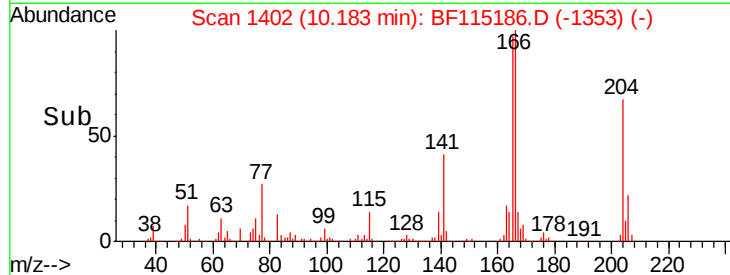
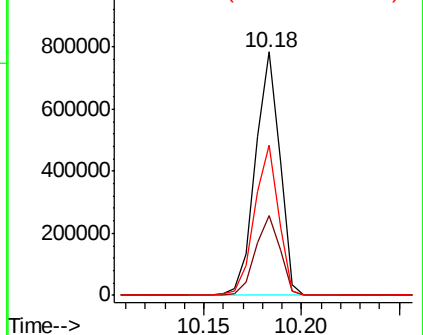
#61
 4-Chlorophenyl-phenylether
 Concen: 42.893 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion:204 Resp: 681595
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 40.0
 141 61.5 46.7 70.1

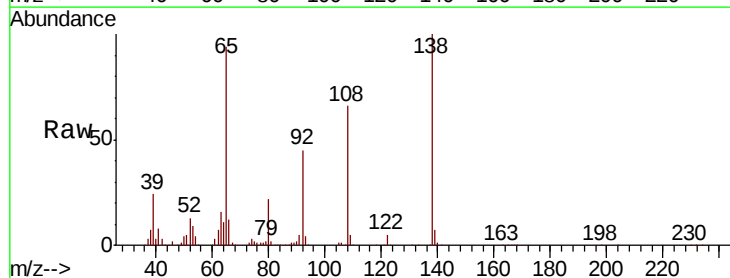


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

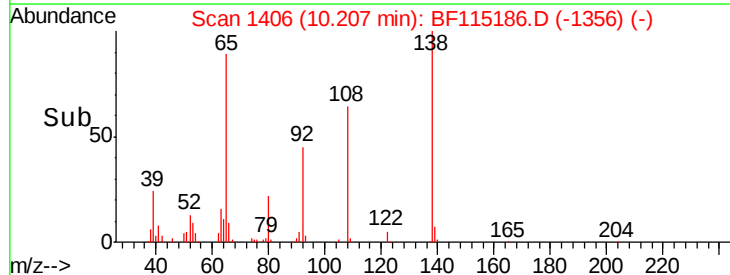
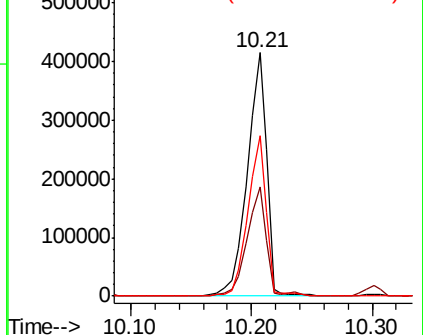


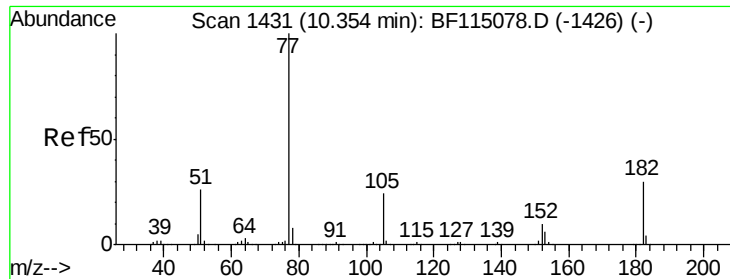
#62
 4-Nitroaniline
 Concen: 40.860 ng
 RT: 10.21 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:138 Resp: 466388
 Ion Ratio Lower Upper
 138 100
 92 45.1 24.8 64.8
 108 65.7 43.3 83.3



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: 41.174 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

Tgt Ion: 77 Resp: 1561238

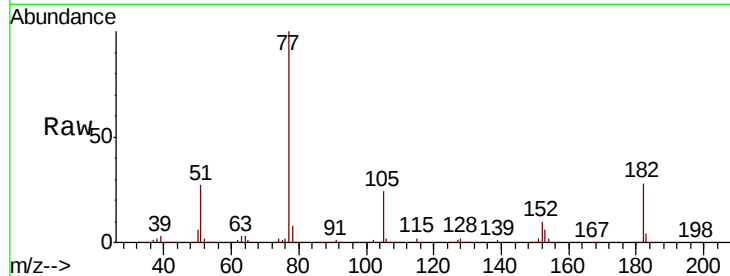
Ion Ratio Lower Upper

77 100

182 27.9 10.1 50.1

105 24.0 4.5 44.5

51 27.4 6.4 46.4

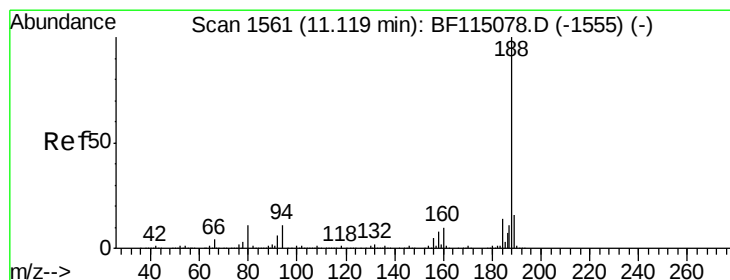
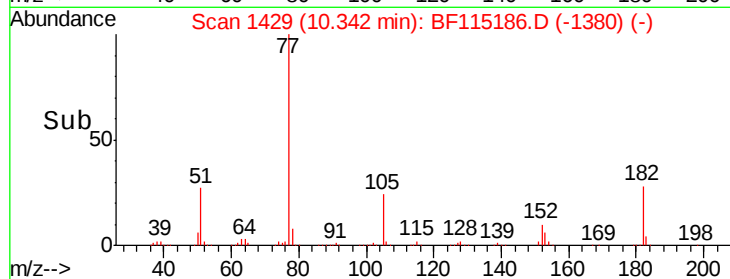
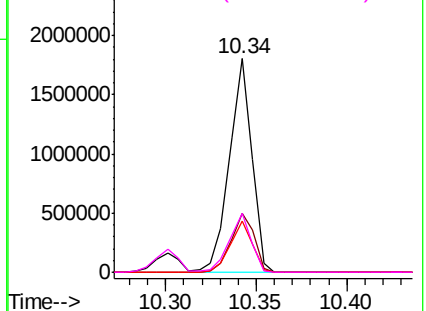


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

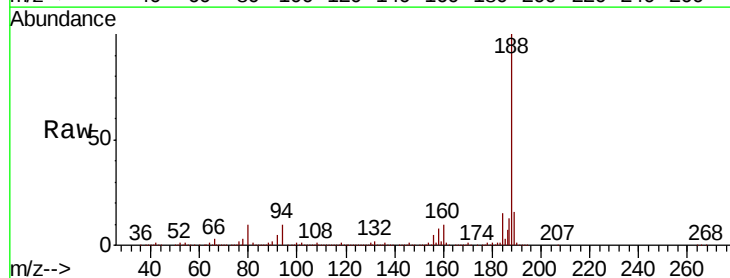
Tgt Ion: 188 Resp: 1075730

Ion Ratio Lower Upper

188 100

94 9.6 8.6 12.8

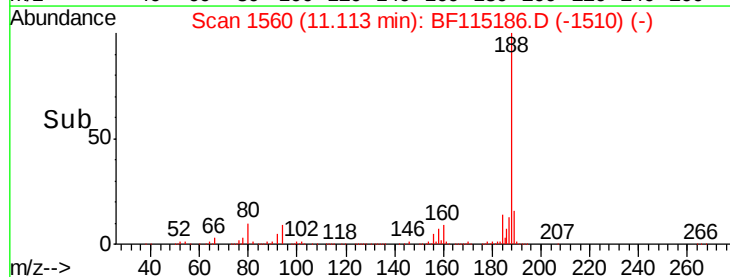
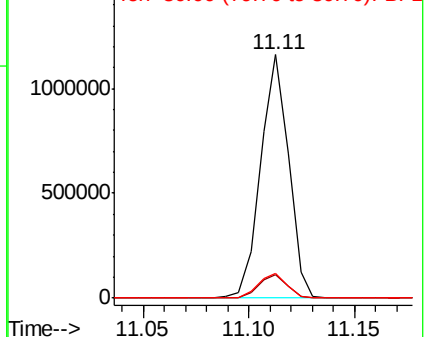
80 10.1 8.8 13.2



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: 47.527 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

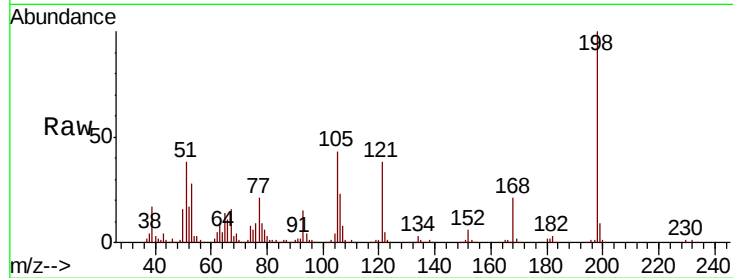
Tgt Ion:198 Resp: 271724

Ion Ratio Lower Upper

198 100

51 38.3 11.0 51.0

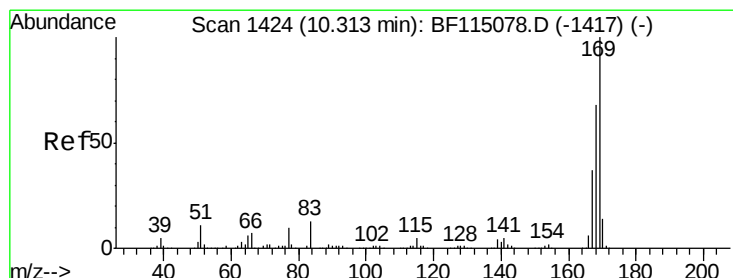
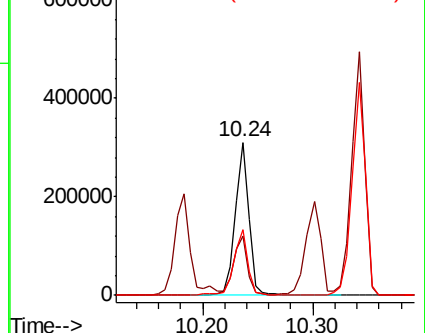
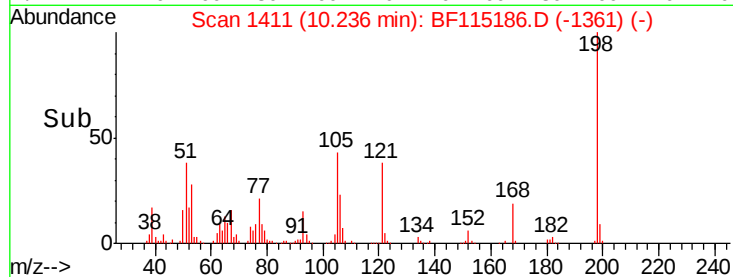
105 42.5 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.448 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

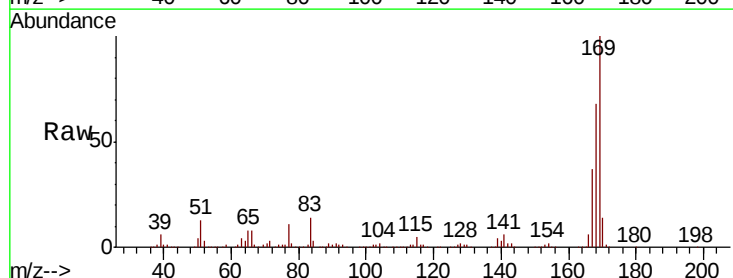
Tgt Ion:169 Resp: 1422598

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

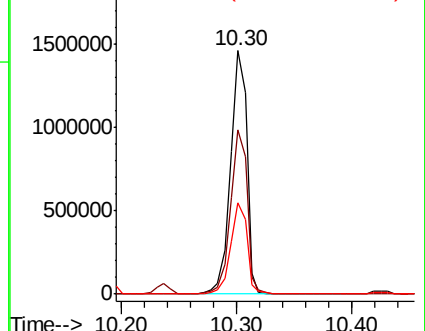
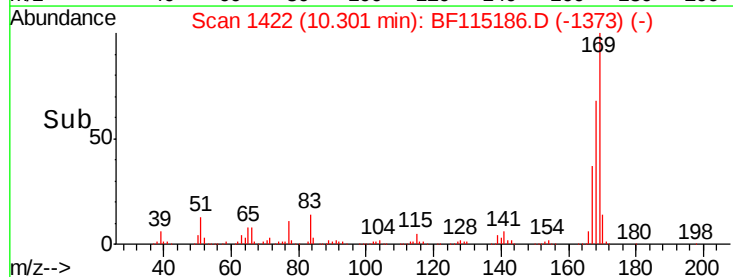
167 37.4 29.4 44.0

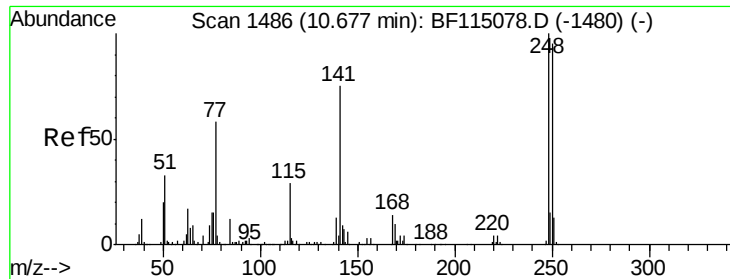


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

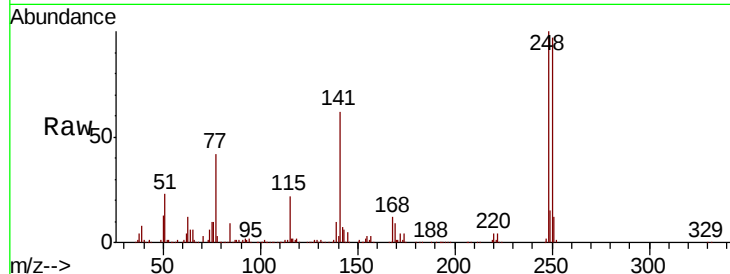




#67
4-Bromophenyl-phenylether
Concen: 42.038 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.2
141	61.9	59.6	89.4

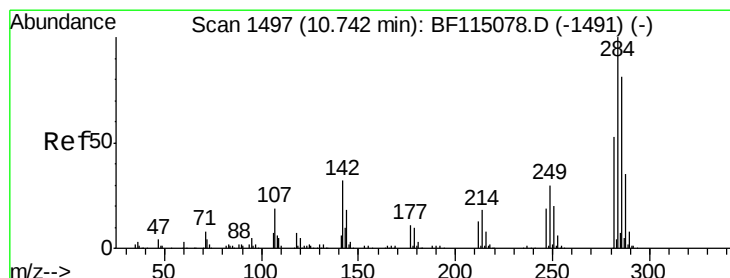
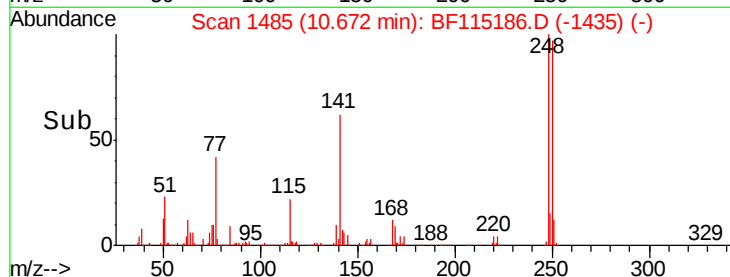
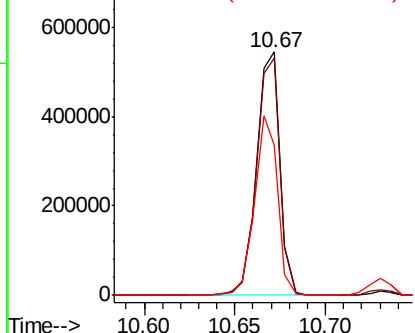


Abundance

Ion 248.00 (247.70 to 248.70): E

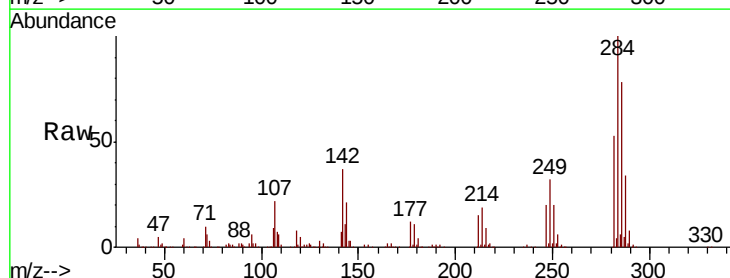
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.788 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	25.8	38.8
249	31.7	24.2	36.4

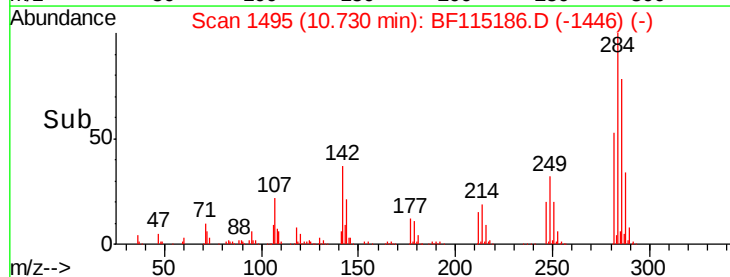
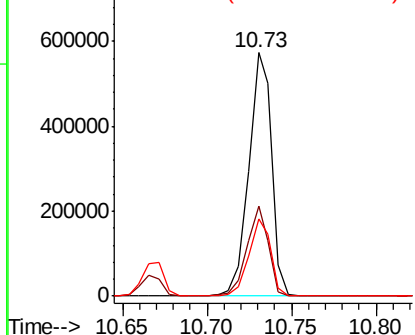


Abundance

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

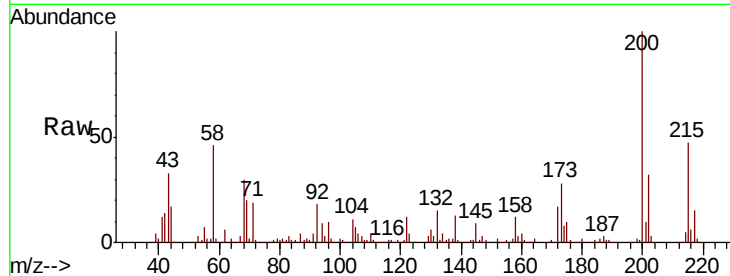




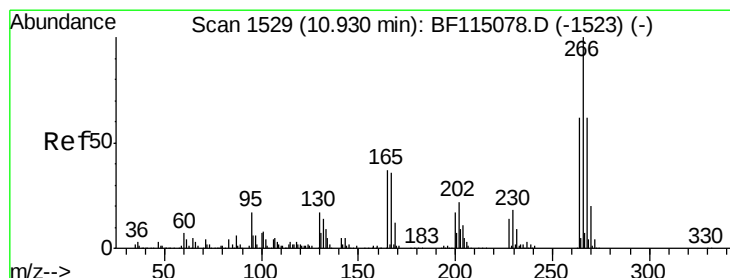
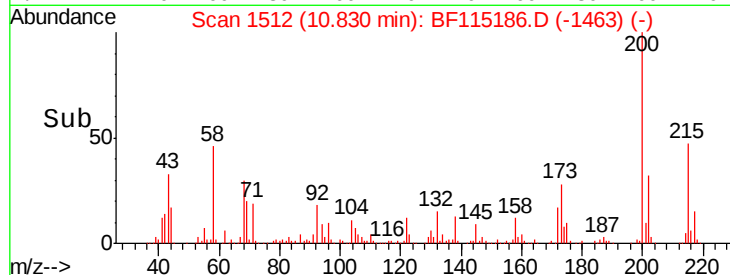
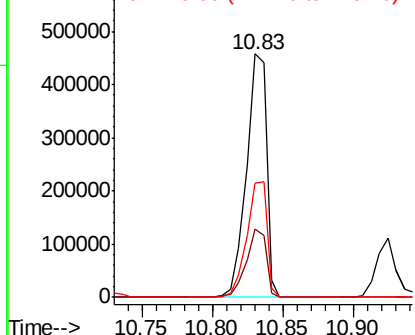
#69
 Atrazine
 Concen: 42.529 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.4	47.4
215	46.8	27.8	67.8

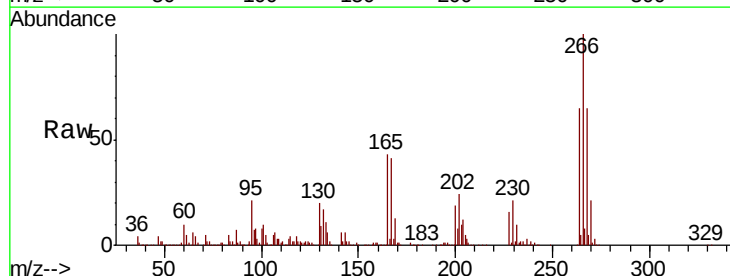


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

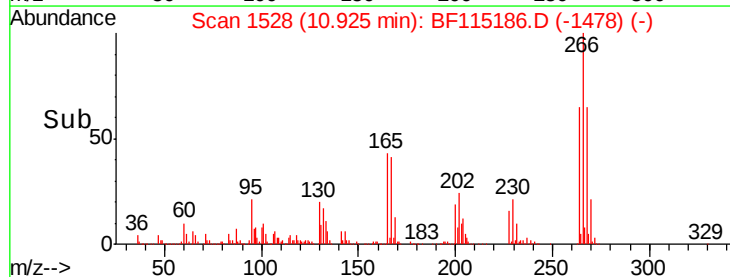
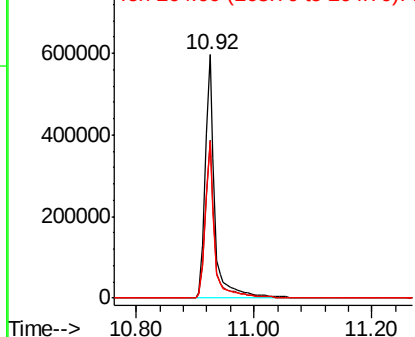


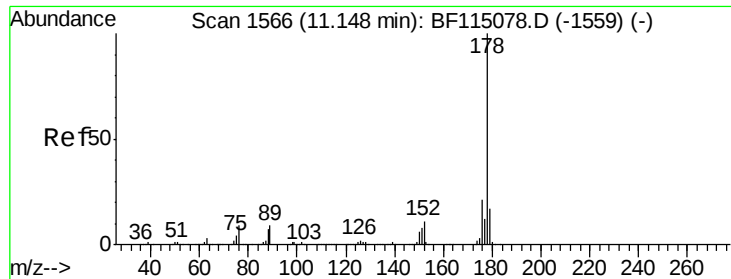
#70
 Pentachlorophenol
 Concen: 83.667 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	49.5	74.3
264	64.5	49.3	73.9



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

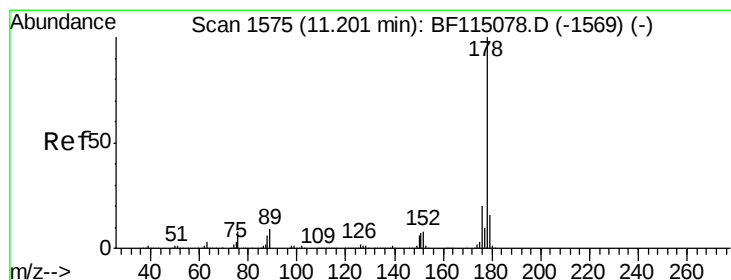
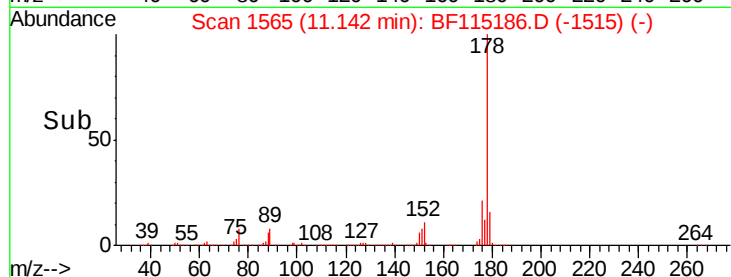
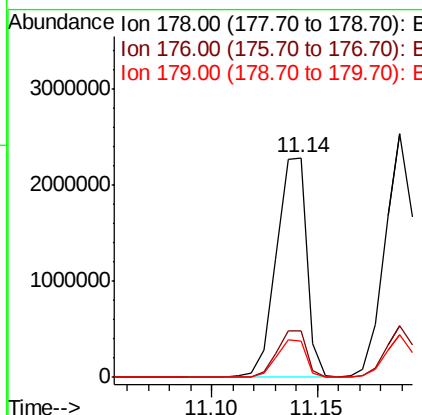
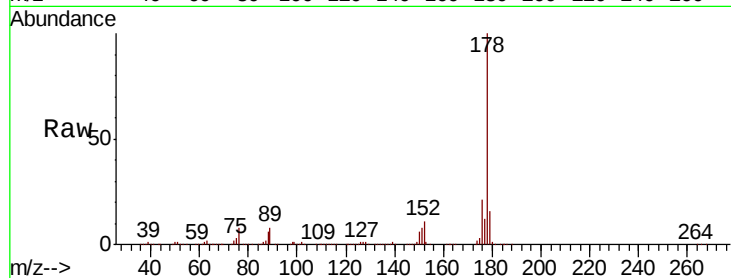




#71
Phenanthrene
Concen: 39.614 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

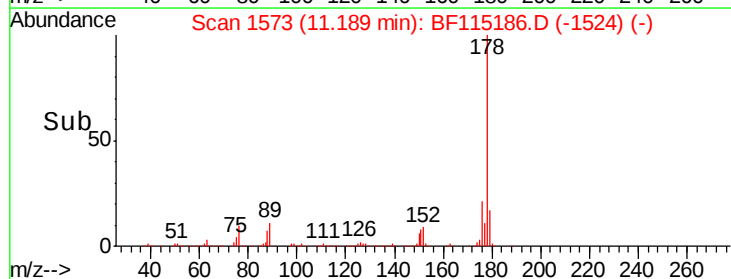
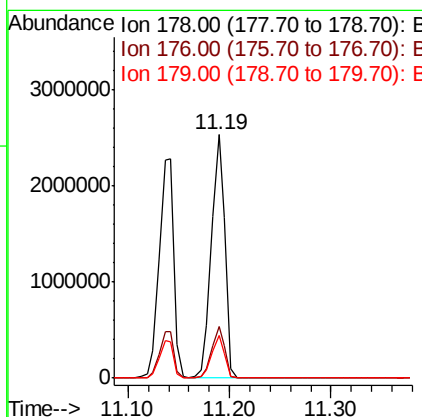
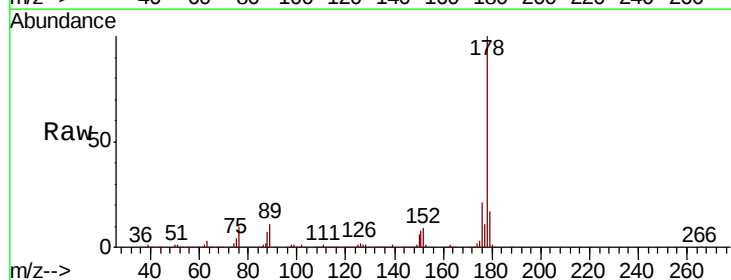
Instrument :
BNA_F
ClientSampleId :
PB120785BS

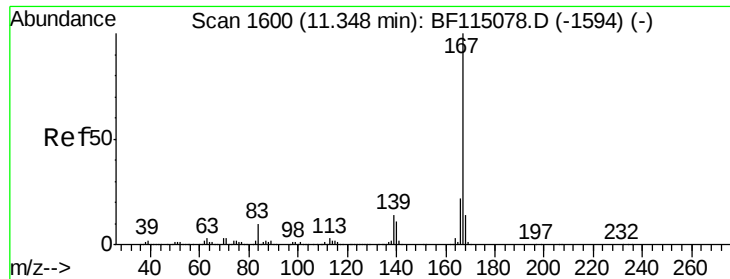
Tgt Ion:178 Resp: 2294379
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.4 13.2 19.8



#72
Anthracene
Concen: 40.085 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:178 Resp: 2343554
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.3 12.9 19.3

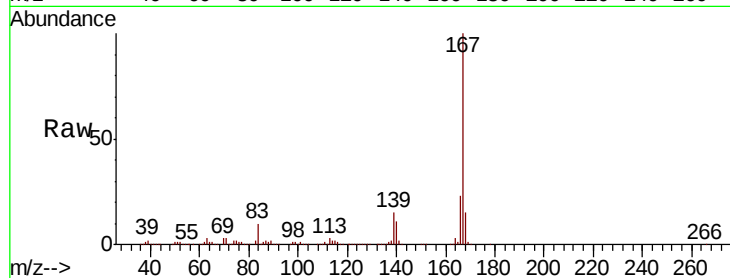




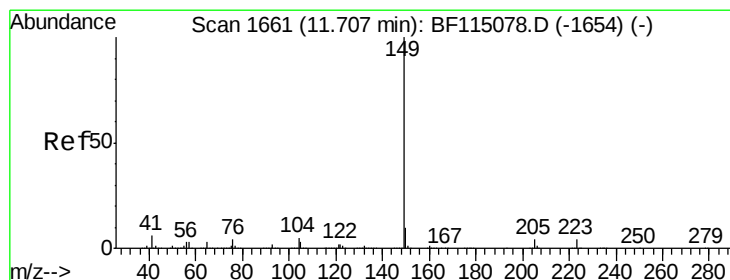
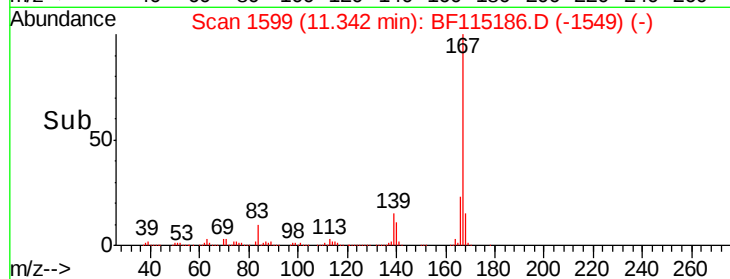
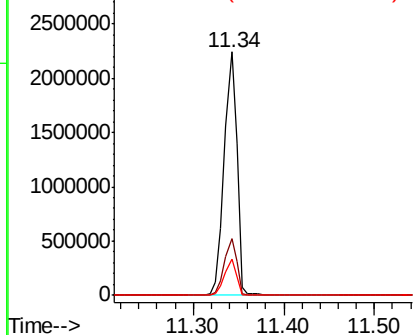
#73
 Carbazole
 Concen: 41.292 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BS

Tgt Ion:167 Resp: 2155717
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 14.8 11.1 16.7

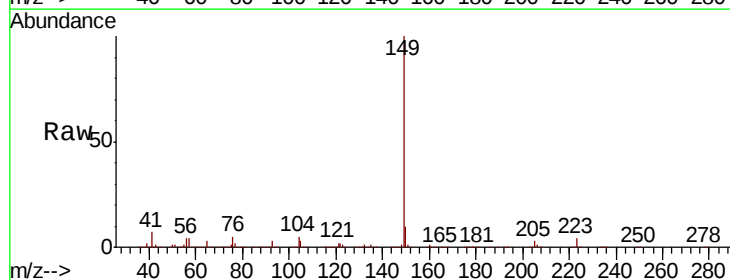


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

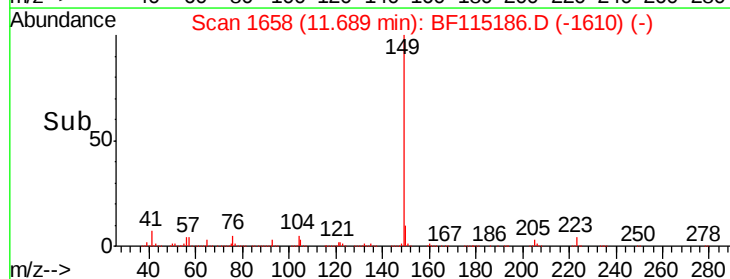
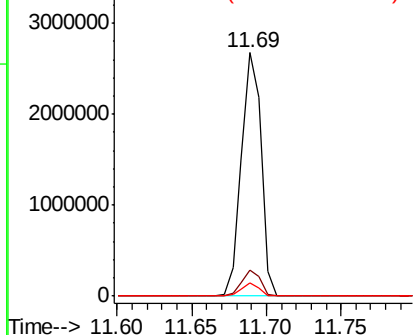


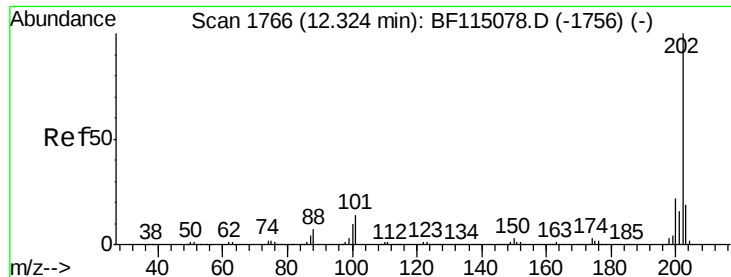
#74
 Di-n-butylphthalate
 Concen: 40.890 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115186.D
 Acq: 25 Jun 2019 14:41

Tgt Ion:149 Resp: 2466828
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.8 11.8
 104 5.2 3.7 5.5



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

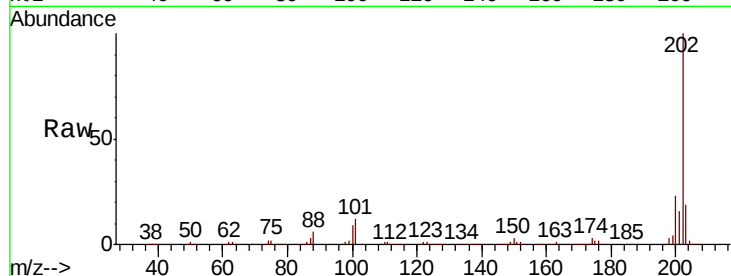




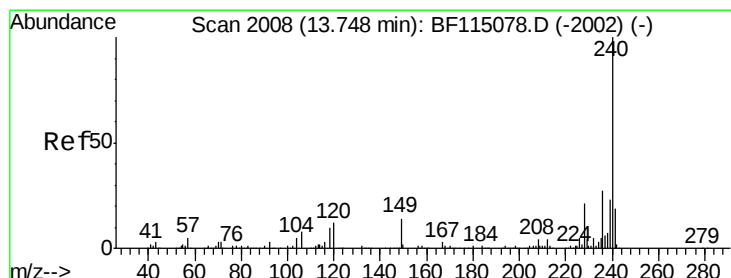
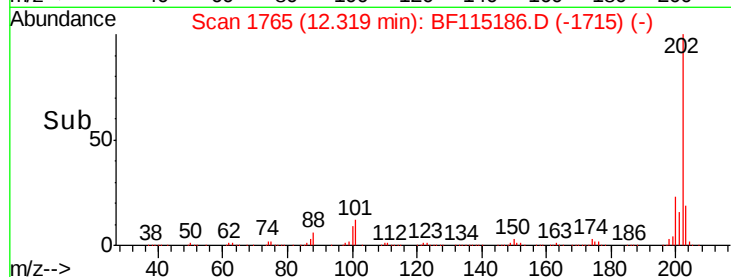
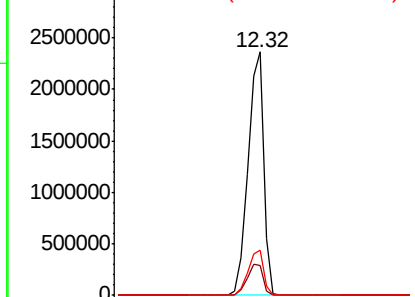
#75
Fluoranthene
Concen: 40.901 ng
RT: 12.32 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion: 202 Resp: 2363573
Ion Ratio Lower Upper
202 100
101 12.1 0.0 34.0
203 18.7 0.0 38.8

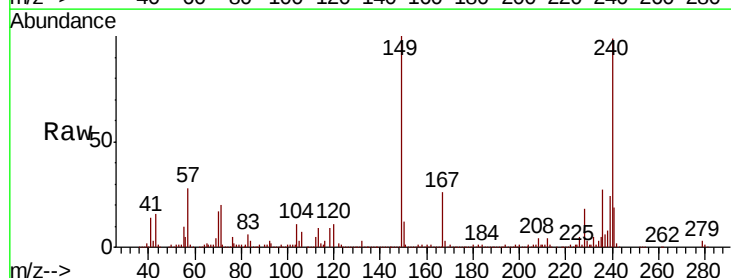


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

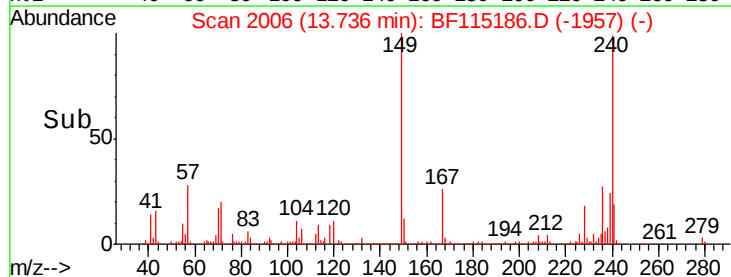
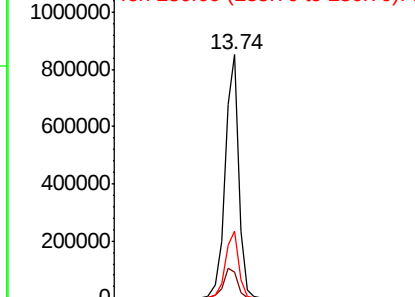


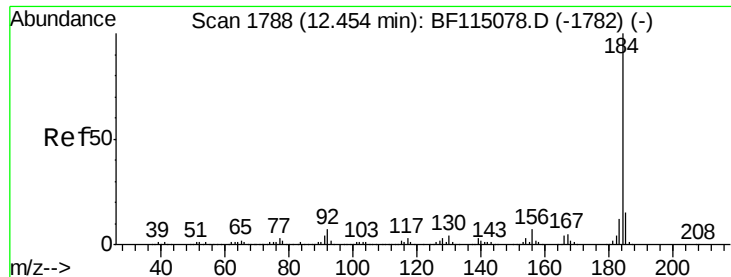
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion: 240 Resp: 727448
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 27.8 21.7 32.5



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: 24.926 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

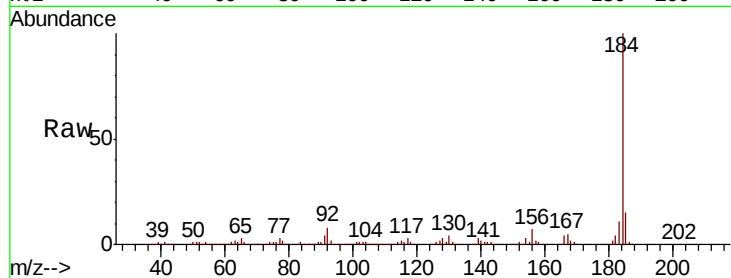
Tgt Ion:184 Resp: 805149

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

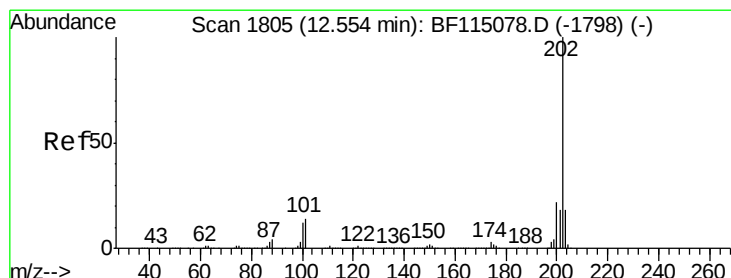
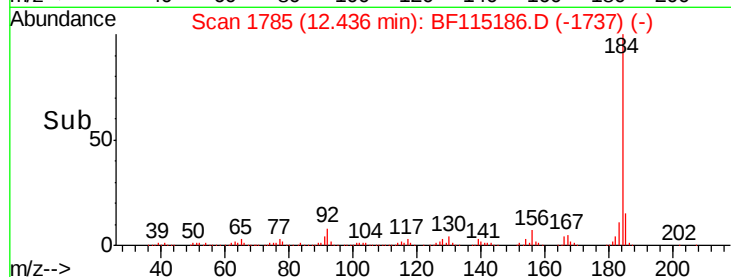
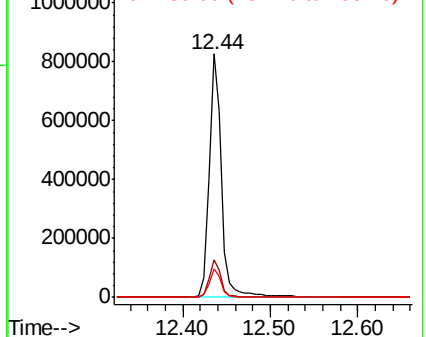
183 11.5 9.6 14.4



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: 42.822 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

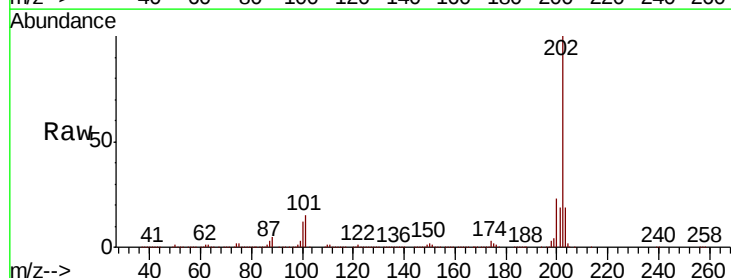
Tgt Ion:202 Resp: 2393960

Ion Ratio Lower Upper

202 100

200 23.4 17.9 26.9

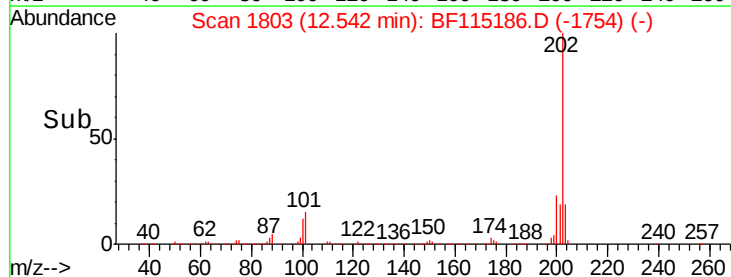
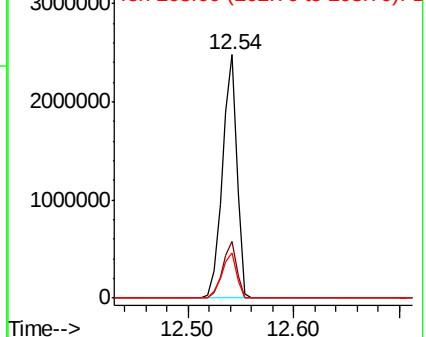
203 18.7 14.6 21.8

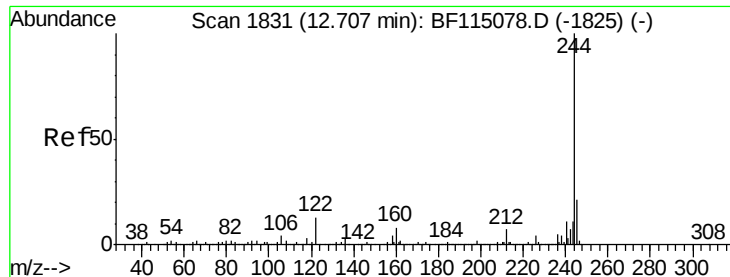


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.792 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

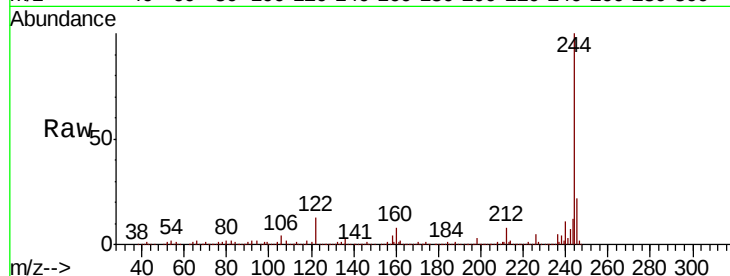
Tgt Ion:244 Resp: 2901092

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

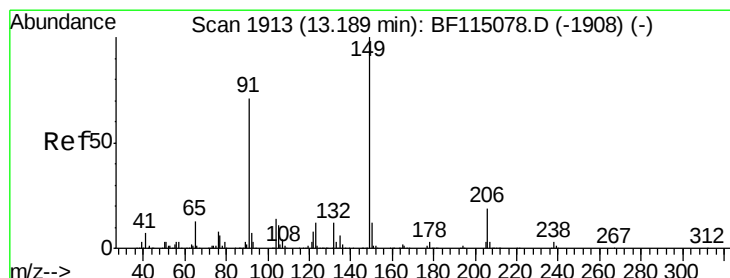
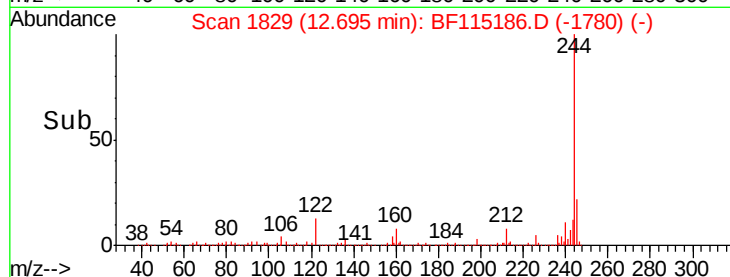
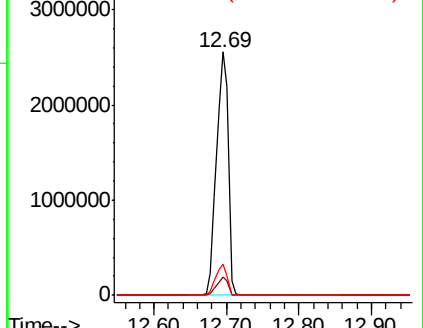
122 12.7 10.4 15.6



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: 45.173 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

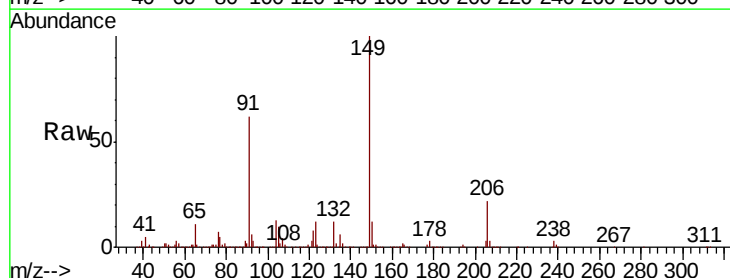
Tgt Ion:149 Resp: 1114478

Ion Ratio Lower Upper

149 100

91 62.1 56.5 84.7

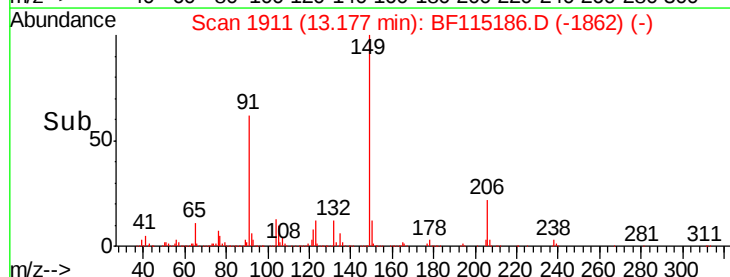
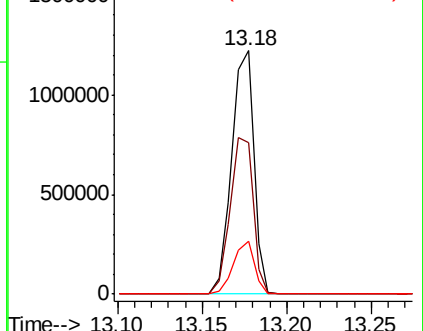
206 21.6 15.3 22.9

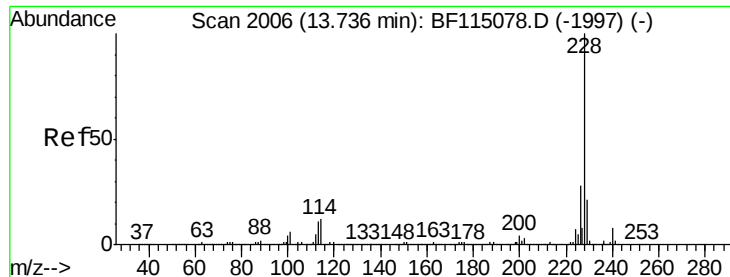


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.568 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

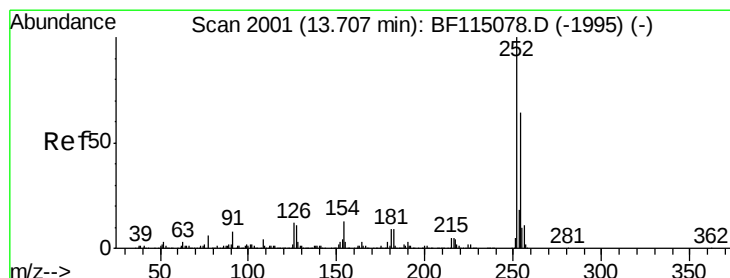
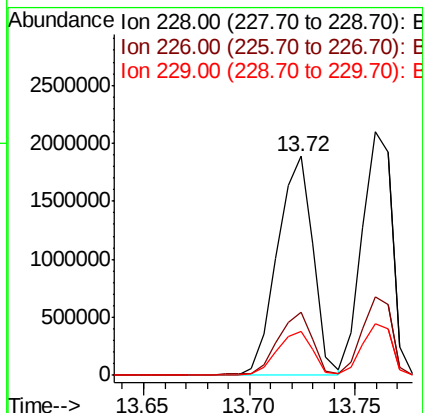
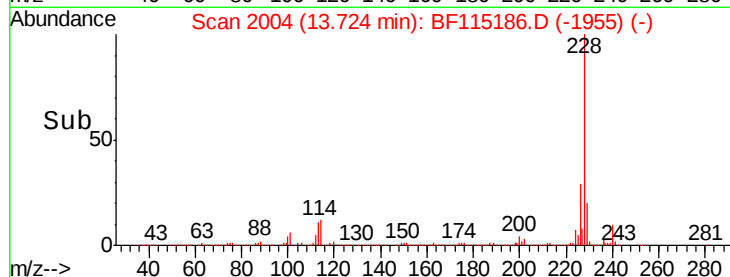
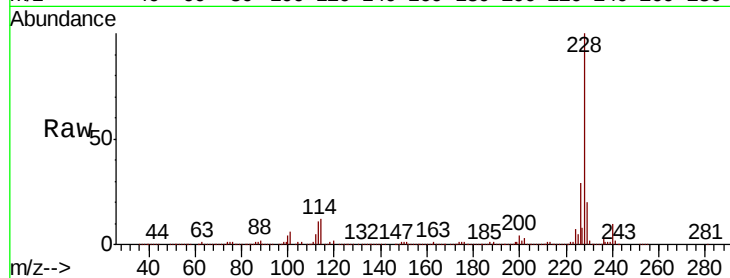
Tgt Ion:228 Resp: 2221933

Ion Ratio Lower Upper

228 100

226 28.7 22.5 33.7

229 20.3 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 37.024 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

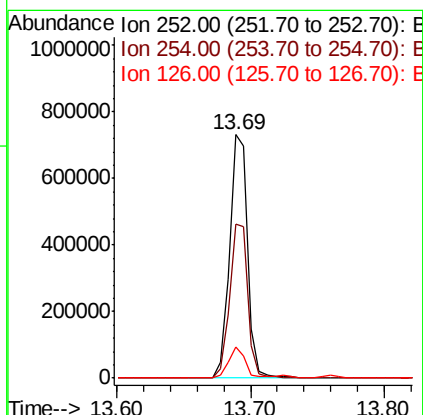
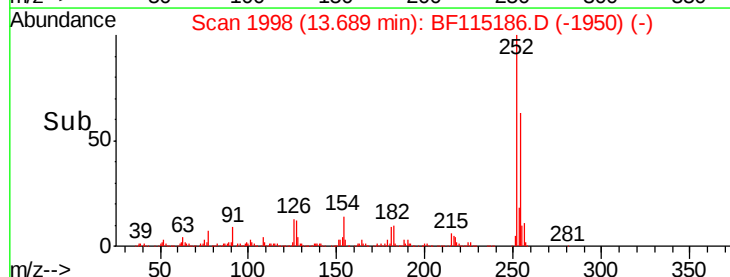
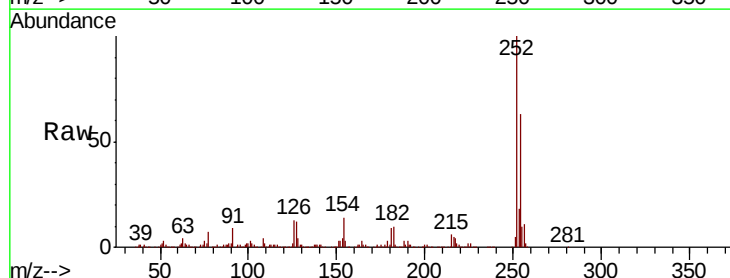
Tgt Ion:252 Resp: 697877

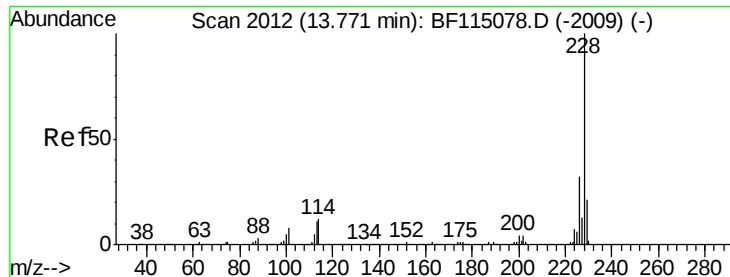
Ion Ratio Lower Upper

252 100

254 63.2 51.1 76.7

126 13.0 9.4 14.0





#83

Chrysene

Concen: 43.957 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

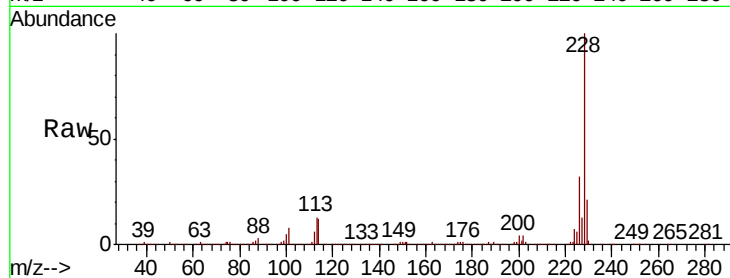
Tgt Ion:228 Resp: 2101713

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

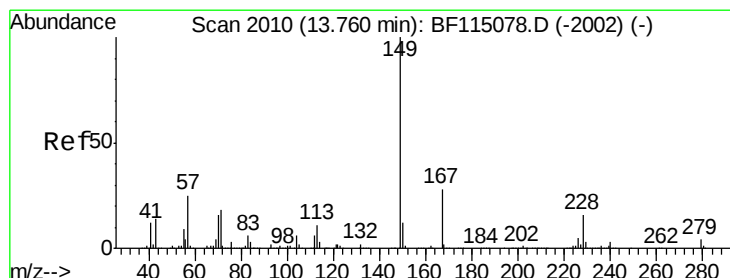
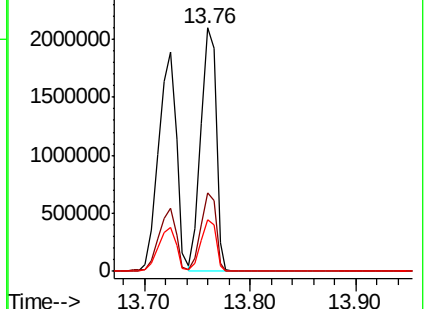
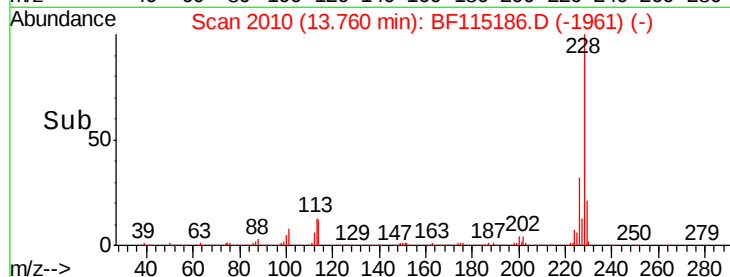
229 21.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.848 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

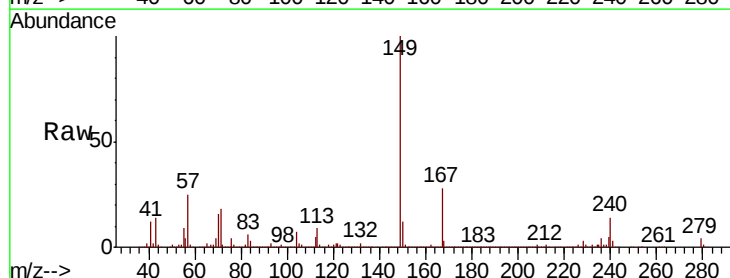
Tgt Ion:149 Resp: 1417499

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

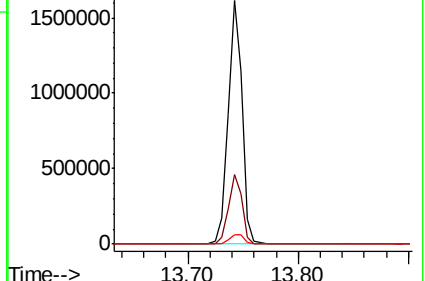
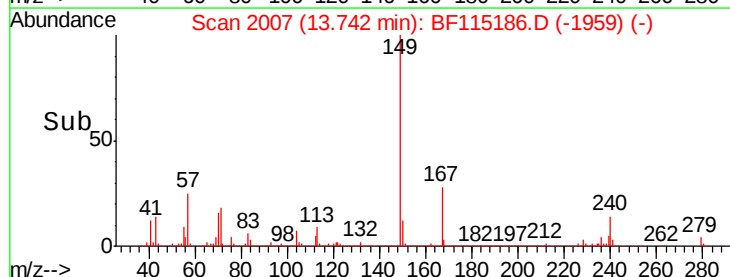
279 4.0 2.9 4.3

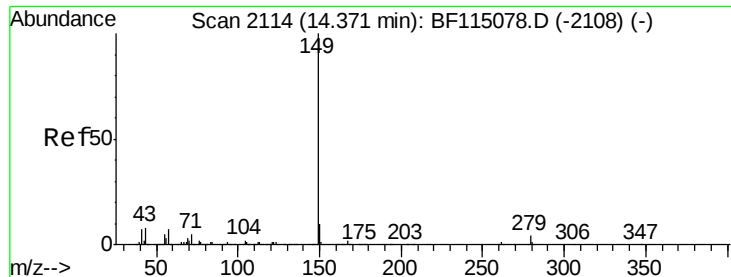


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.128 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

PB120785BS

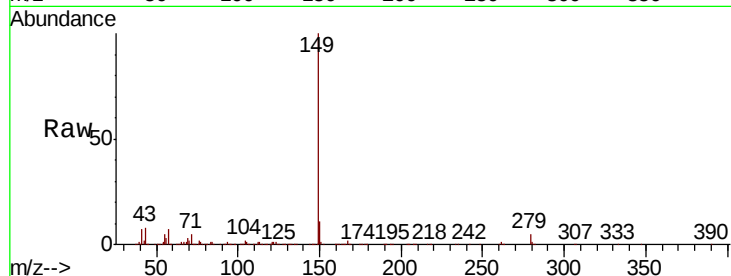
Tgt Ion:149 Resp: 2451146

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

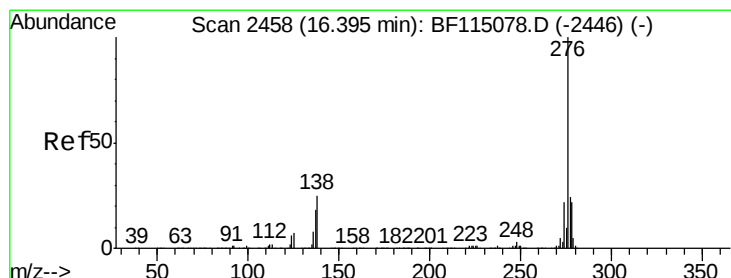
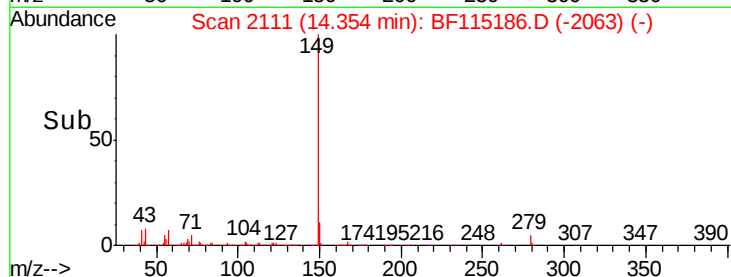
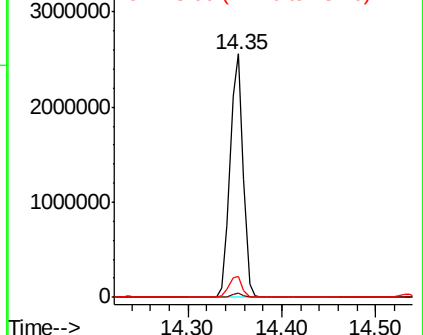
43 8.6 7.0 10.6



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: 41.419 ng

RT: 16.37 min Scan# 2454

Delta R.T. -0.02 min

Lab File: BF115186.D

Acq: 25 Jun 2019 14:41

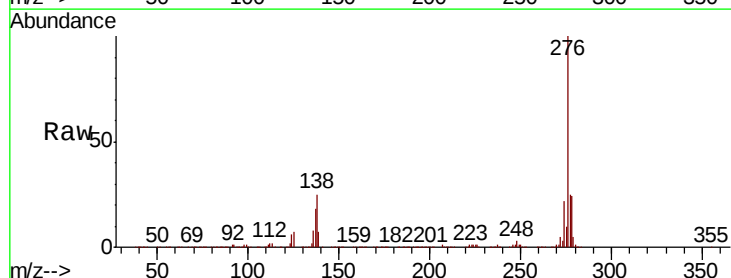
Tgt Ion:276 Resp: 2343359

Ion Ratio Lower Upper

276 100

138 28.2 23.2 34.8

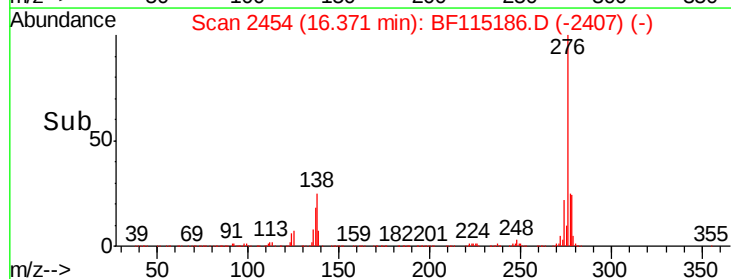
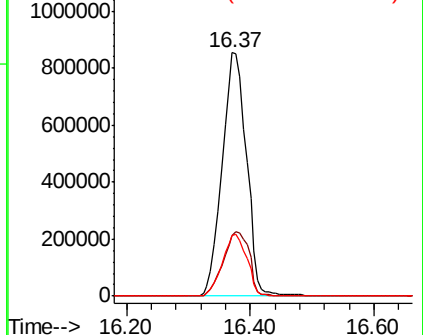
277 25.6 20.1 30.1

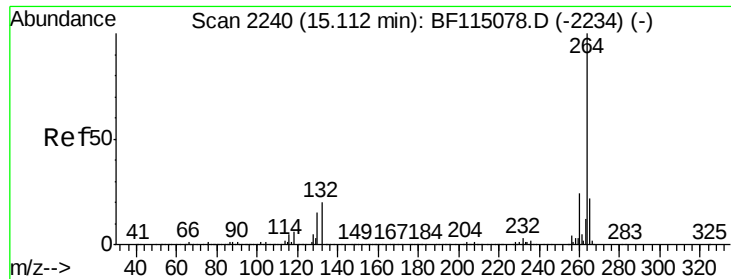


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

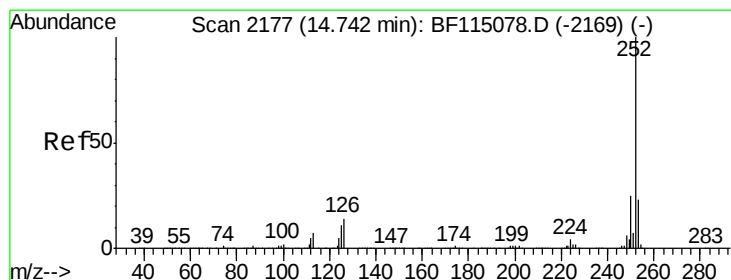
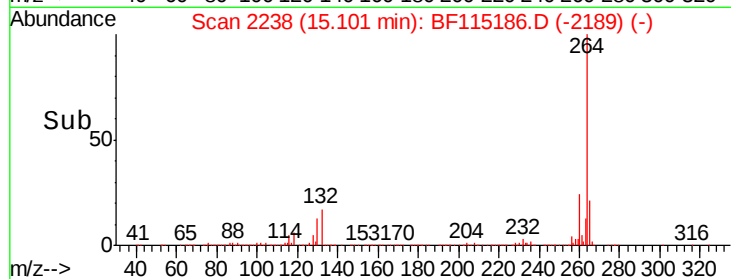
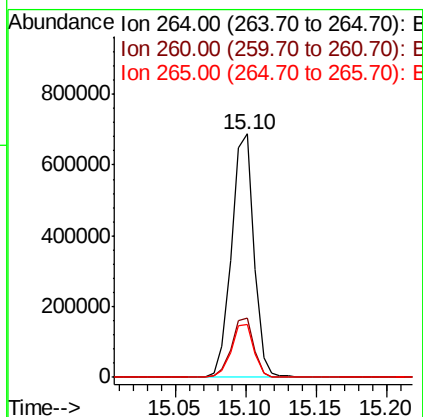
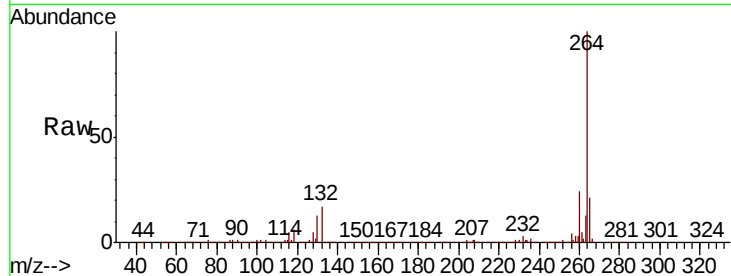




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

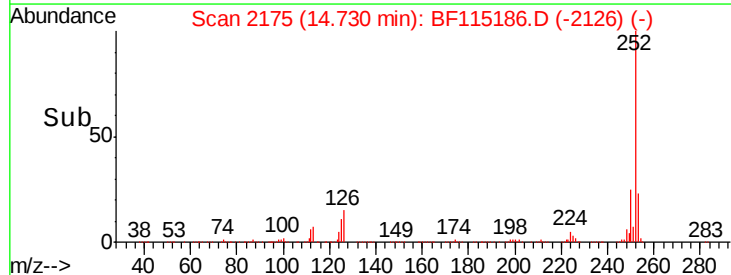
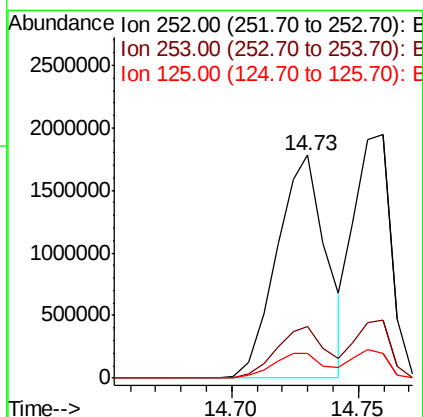
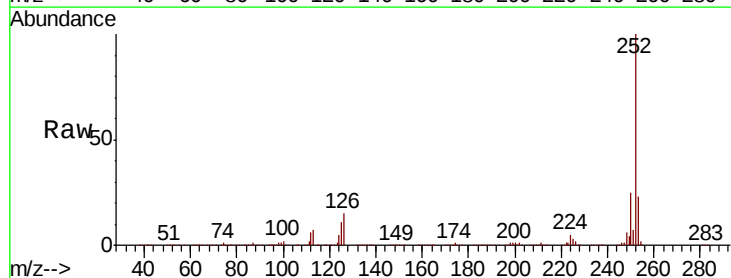
Instrument :
BNA_F
ClientSampleId :
PB120785BS

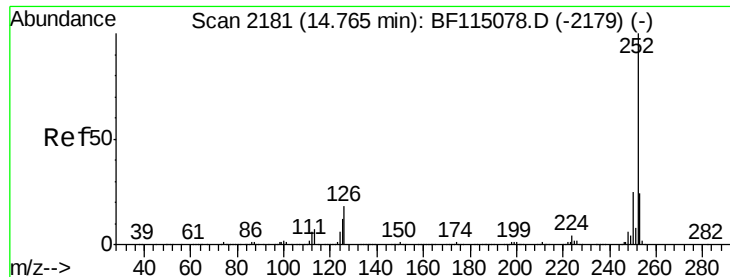
Tgt Ion: 264 Resp: 761941
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.5 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 50.836 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion: 252 Resp: 2416891
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.1 8.7 13.1

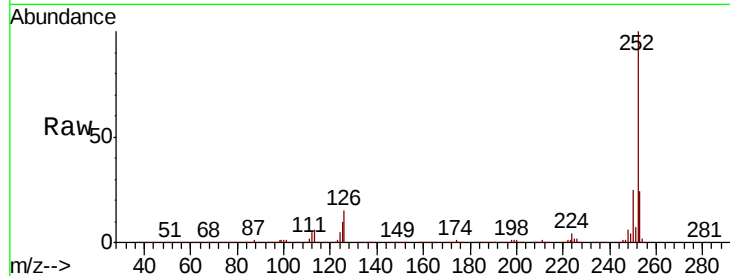




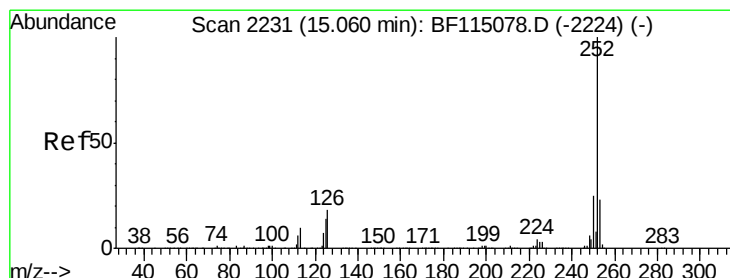
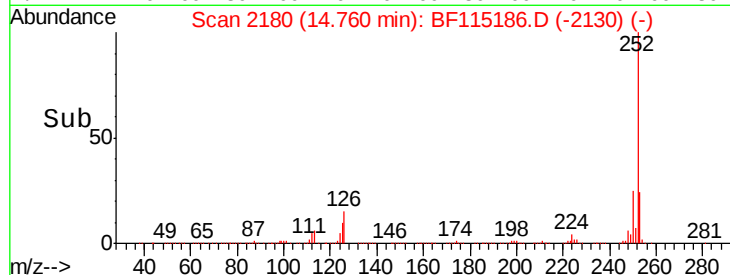
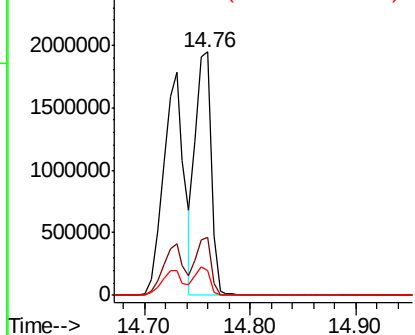
#89
Benzo(k)fluoranthene
Concen: 46.748 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:252 Resp: 1993147
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 10.3 10.2 15.2

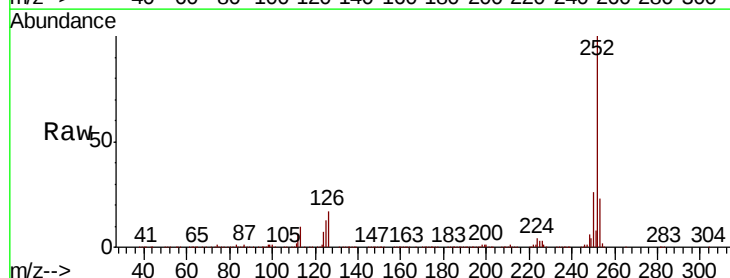


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

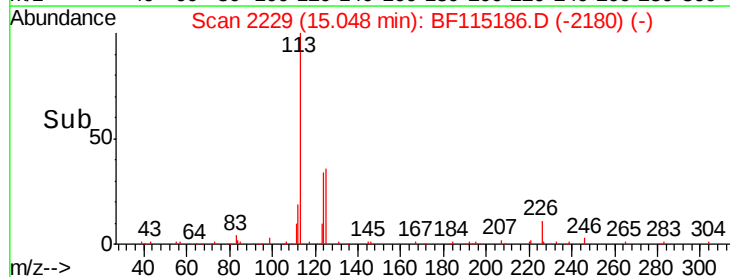
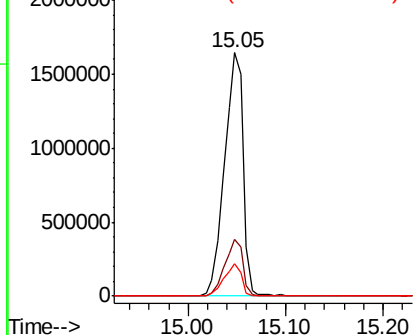


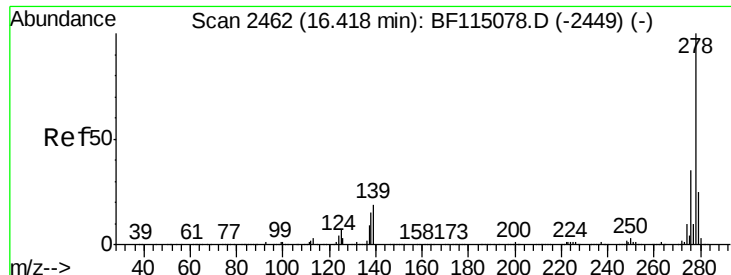
#90
Benzo(a)pyrene
Concen: 50.622 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:252 Resp: 2169226
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 13.2 10.9 16.3



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



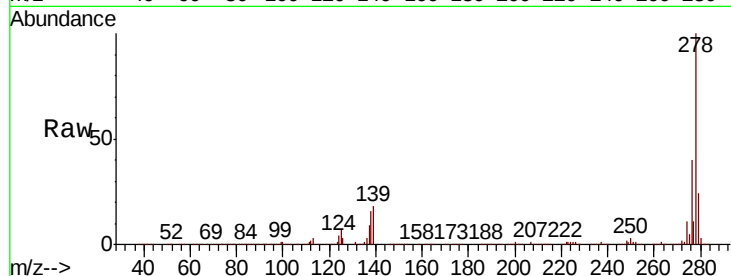


#91
Dibenzo(a,h)anthracene
Concen: 48.405 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

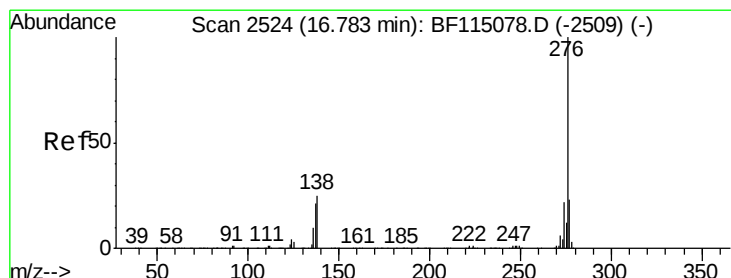
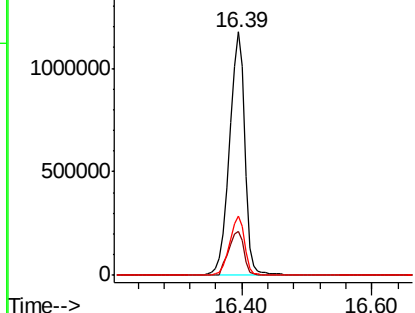
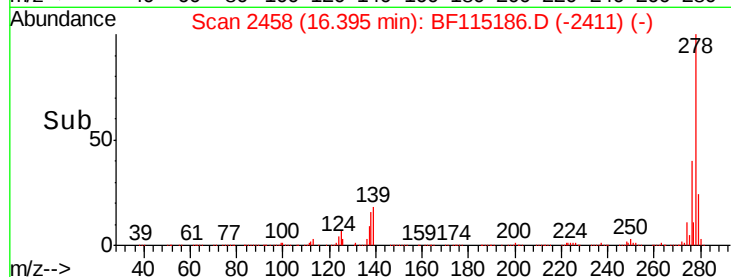
Instrument :
BNA_F
ClientSampleId :
PB120785BS

Tgt Ion:278 Resp: 1936394

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.4	23.2
279	24.5	19.9	29.9



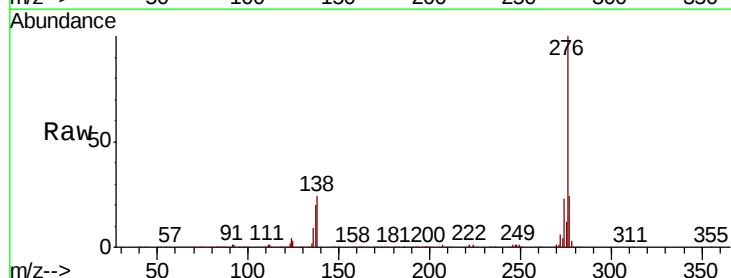
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.167 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115186.D
Acq: 25 Jun 2019 14:41

Tgt Ion:276 Resp: 1950212

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.1	19.8	29.6



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

