

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115182.D
 Acq On : 25 Jun 2019 12:14
 Operator : HP/JU
 Sample : PB120870BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Quant Time: Jun 26 05:41:58 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	265919	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1071852	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	541113	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1044704	20.00	ng	0.00
76) Chrysene-d12	13.74	240	729122	20.00	ng	-0.01
87) Perylene-d12	15.10	264	778641	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1852026	107.48	ng	0.02
7) Phenol-d6	6.26	99	2292468	109.61	ng	0.00
23) Nitrobenzene-d5	7.18	82	1411492	81.01	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	669881	117.39	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2726132	85.58	ng	-0.01
79) Terphenyl-d14	12.70	244	2790335	81.37	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	291387	35.829	ng	99
3) Pyridine	2.94	79	786679	34.320	ng	99
4) n-Nitrosodimethylamine	2.88	42	326686	36.355	ng	99
6) Aniline	6.27	93	675635	23.504	ng	# 1
8) 2-Chlorophenol	6.40	128	787547	40.644	ng	98
9) Benzaldehyde	6.15	77	108229	7.932	ng	98
10) Phenol	6.27	94	899544	36.717	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	709871	39.307	ng	98
12) 1,3-Dichlorobenzene	6.55	146	826216	38.421	ng	100
13) 1,4-Dichlorobenzene	6.63	146	833581	38.656	ng	99
14) 1,2-Dichlorobenzene	6.78	146	778598	38.989	ng	99
15) Benzyl Alcohol	6.76	79	546431	35.879	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1003344	38.305	ng	96
17) 2-Methylphenol	6.88	107	686752	42.939	ng	98
18) Hexachloroethane	7.12	117	299528	38.529	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	500135	37.350	ng	97
20) 3+4-Methylphenols	7.03	107	775985	42.018	ng	90
22) Acetophenone	7.02	105	1031887	42.052	ng	# 98
24) Nitrobenzene	7.20	77	789274	41.117	ng	98
25) Isophorone	7.44	82	1448307	40.576	ng	99
26) 2-Nitrophenol	7.51	139	446397	47.090	ng	97
27) 2,4-Dimethylphenol	7.56	122	741130	47.750	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	907665	40.233	ng	99
29) 2,4-Dichlorophenol	7.75	162	695846	43.443	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	735366	41.563	ng	100
31) Naphthalene	7.91	128	2220763	42.208	ng	100
32) Benzoic acid	7.70	122	580145	52.364	ng	97
33) 4-Chloroaniline	7.96	127	559967	23.287	ng	99
34) Hexachlorobutadiene	8.04	225	395972	40.840	ng	99
35) Caprolactam	8.34	113	149897	27.835	ng	94
36) 4-Chloro-3-methylphenol	8.45	107	710350	43.791	ng	99
37) 2-Methylnaphthalene	8.61	142	1534635	43.259	ng	99
38) 1-Methylnaphthalene	8.71	142	1458671	43.052	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	644128	42.125	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	675061	74.453	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	500244	42.375	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	539547	44.381	ng	98
46) 1,1'-Biphenyl	9.07	154	1769093	40.860	ng	98
47) 2-Chloronaphthalene	9.09	162	1443436	41.100	ng	97
48) 2-Nitroaniline	9.18	65	426055	41.611	ng	96
49) Acenaphthylene	9.50	152	2249169	41.104	ng	99
50) Dimethylphthalate	9.38	163	1643239	41.276	ng	100
51) 2,6-Dinitrotoluene	9.43	165	395594	43.041	ng	96
52) Acenaphthene	9.68	154	1395650	40.761	ng	99
53) 3-Nitroaniline	9.59	138	292234	26.055	ng	97
54) 2,4-Dinitrophenol	9.70	184	426329	89.212	ng	95
55) Dibenzofuran	9.85	168	1960649	39.896	ng	98
56) 4-Nitrophenol	9.77	139	709025	78.851	ng	96
57) 2,4-Dinitrotoluene	9.83	165	519507	43.775	ng	94
58) Fluorene	10.19	166	1366020	41.192	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	458118	44.940	ng	97
60) Diethylphthalate	10.08	149	1616991	40.406	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	653578	41.505	ng	96
62) 4-Nitroaniline	10.21	138	428559	38.087	ng	98
63) Azobenzene	10.34	77	1493683	39.961	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	256639	46.358	ng	91
66) n-Nitrosodiphenylamine	10.30	169	1369277	42.070	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	469078	41.413	ng	93
68) Hexachlorobenzene	10.74	284	514892	41.880	ng	96
69) Atrazine	10.83	200	434572	41.507	ng	99
70) Pentachlorophenol	10.92	266	632414	80.743	ng	97
71) Phenanthrene	11.14	178	2206237	39.223	ng	100
72) Anthracene	11.19	178	2267772	39.940	ng	98
73) Carbazole	11.34	167	2068497	40.798	ng	99
74) Di-n-butylphthalate	11.69	149	2362548	40.325	ng	98
75) Fluoranthene	12.32	202	2269868	40.446	ng	98
77) Benzidine	12.44	184	776386	23.980	ng	99
78) Pyrene	12.54	202	2306574	41.164	ng	98
80) Butylbenzylphthalate	13.18	149	1070158	43.277	ng	95
81) Benzo(a)anthracene	13.72	228	2128501	40.685	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	674340	35.693	ng	98
83) Chrysene	13.77	228	2025751	42.271	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1382032	42.653	ng	100
85) Di-n-octyl phthalate	14.35	149	2355242	43.263	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2387453	42.101	ng	99
88) Benzo(b)fluoranthene	14.73	252	2344025	48.246	ng	99
89) Benzo(k)fluoranthene	14.76	252	1985392	45.568	ng	97
90) Benzo(a)pyrene	15.05	252	2124903	48.525	ng	100
91) Dibenzo(a,h)anthracene	16.40	278	1965261	48.073	ng	98
92) Benzo(g,h,i)perylene	16.76	276	1994331	48.200	ng	99

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

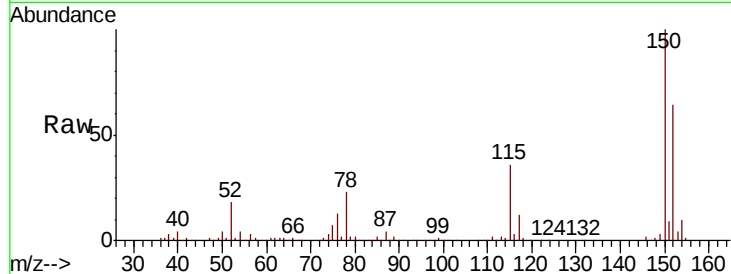


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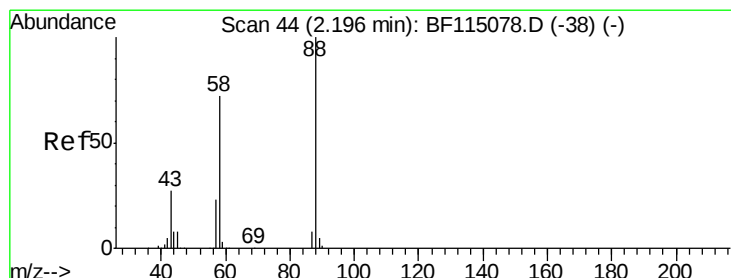
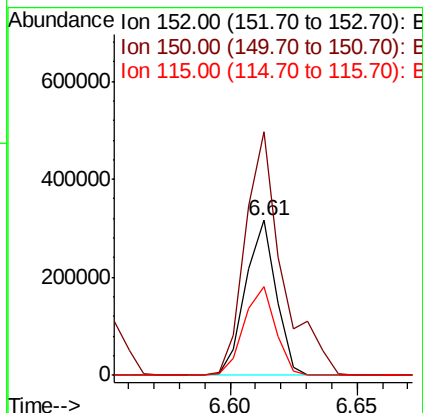
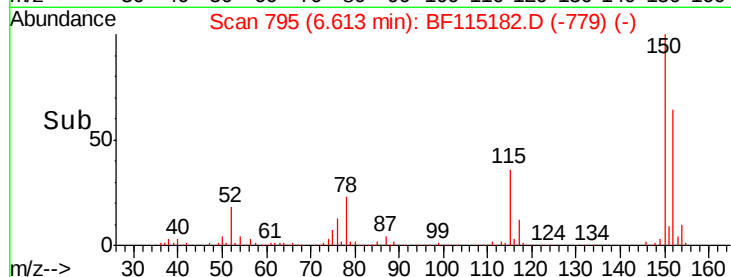
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion:152 Resp: 265919
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 57.2 46.1 69.1



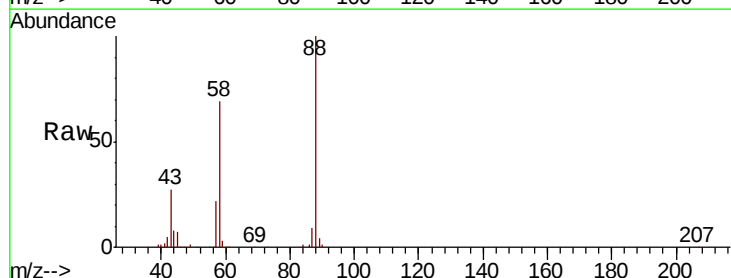
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



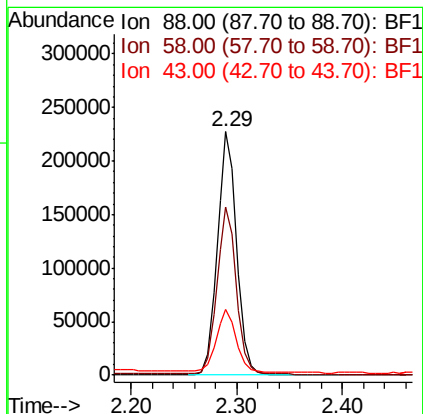
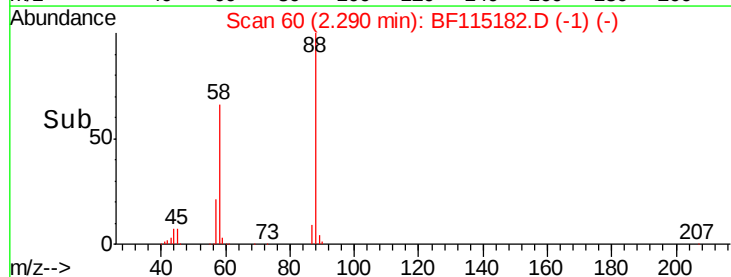
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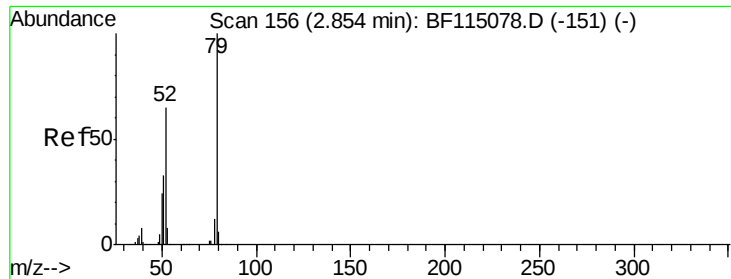
1,4-Dioxane
Concen: 35.829 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion: 88 Resp: 291387
Ion Ratio Lower Upper
88 100
58 69.0 56.1 84.1
43 26.2 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: 34.320 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

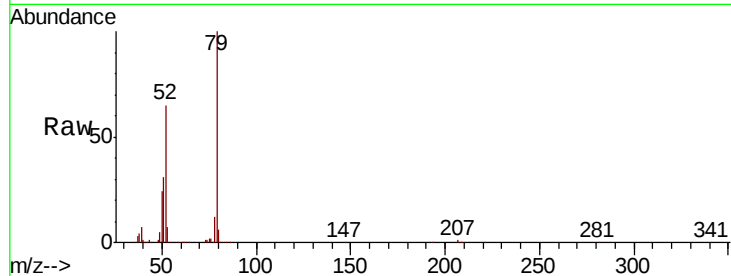
Tgt Ion: 79 Resp: 786679

Ion Ratio Lower Upper

79 100

52 64.7 52.3 78.5

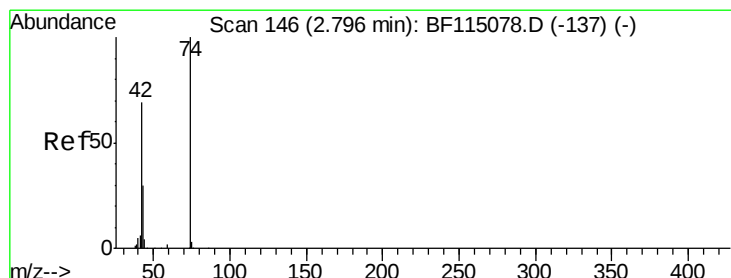
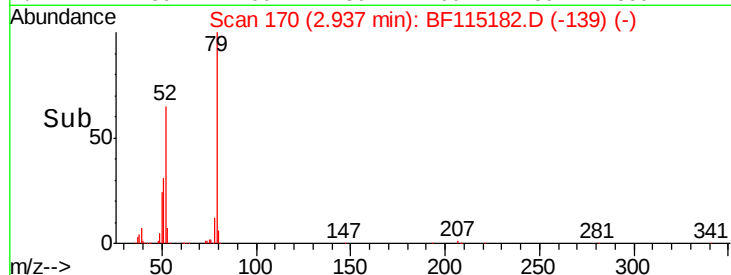
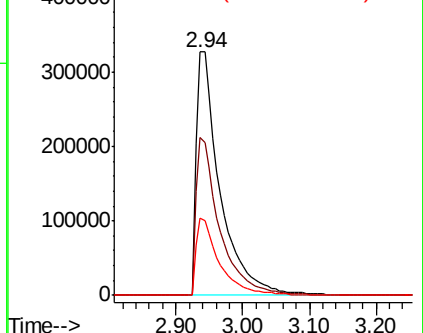
51 31.5 26.1 39.1



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: 36.355 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.09 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

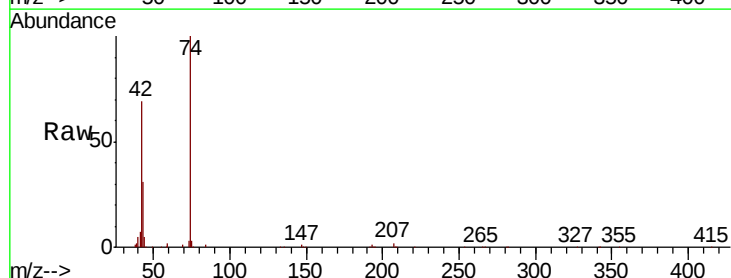
Tgt Ion: 42 Resp: 326686

Ion Ratio Lower Upper

42 100

74 145.0 116.6 175.0

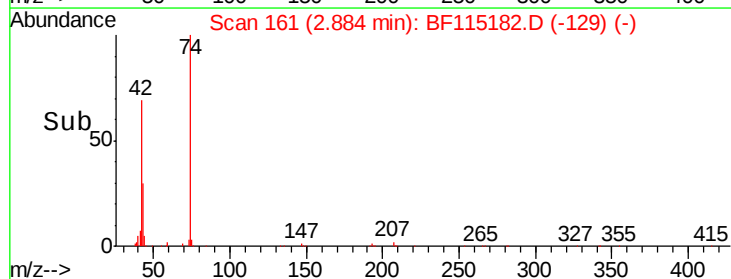
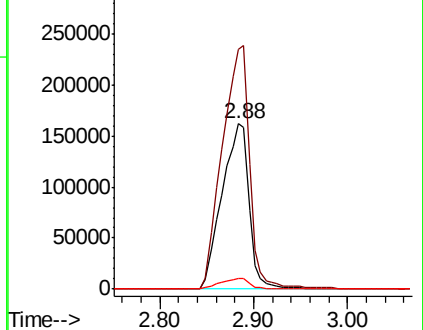
44 6.8 5.3 7.9



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: 107.476 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

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ClientSampleId :

PB120870BS

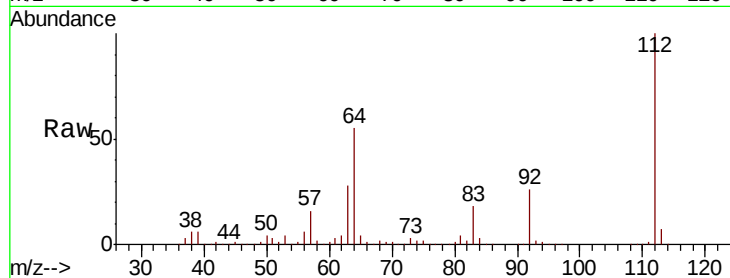
Tgt Ion: 112 Resp: 1852026

Ion Ratio Lower Upper

112 100

64 54.6 43.8 65.6

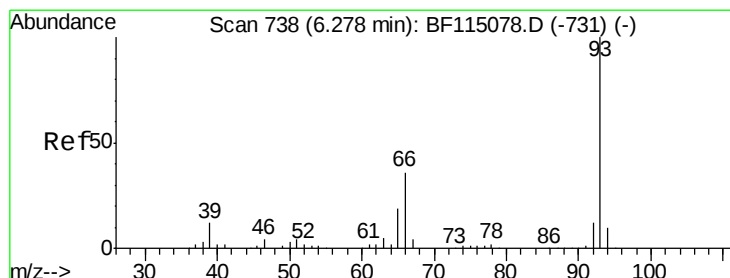
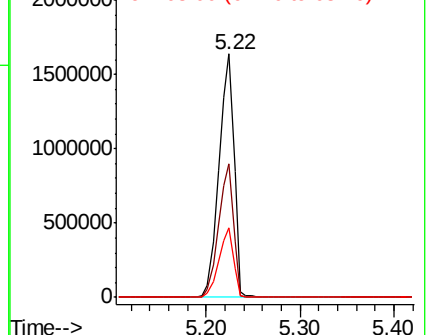
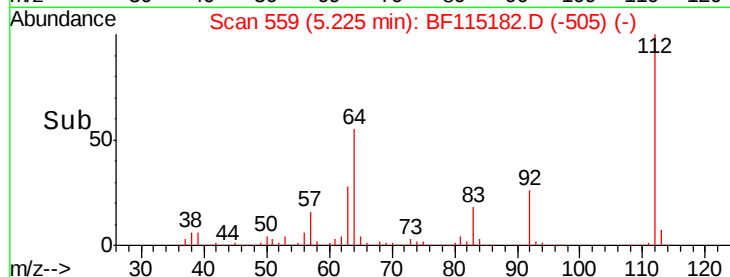
63 28.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.504 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

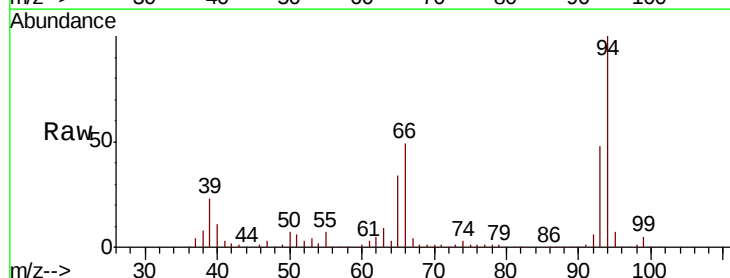
Tgt Ion: 93 Resp: 675635

Ion Ratio Lower Upper

93 100

66 103.6 30.0 45.0#

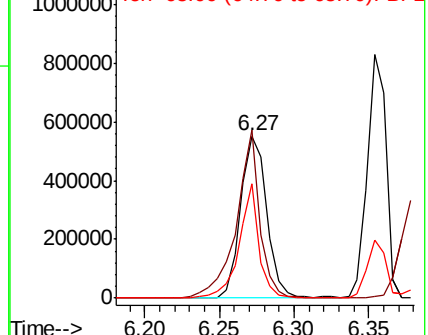
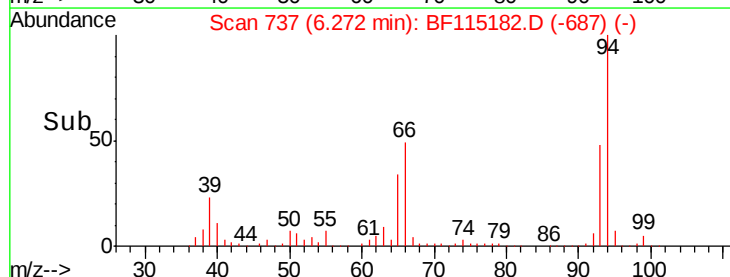
65 70.5 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.607 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

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ClientSampleId :

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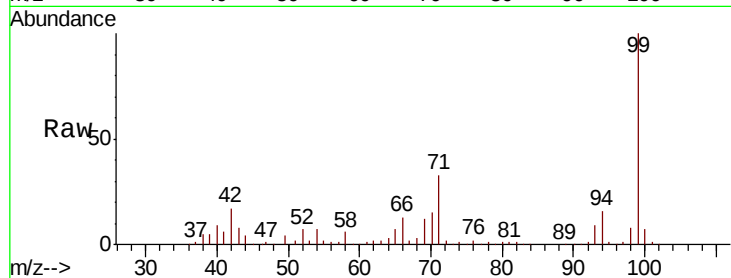
Tgt Ion: 99 Resp: 2292468

Ion Ratio Lower Upper

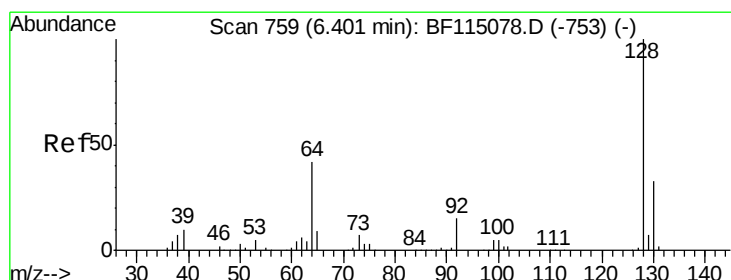
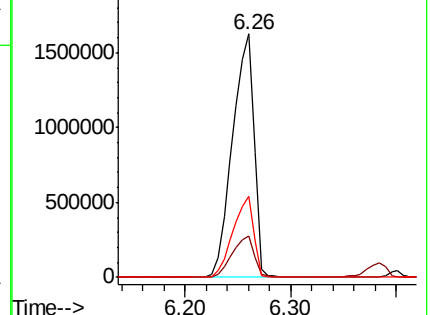
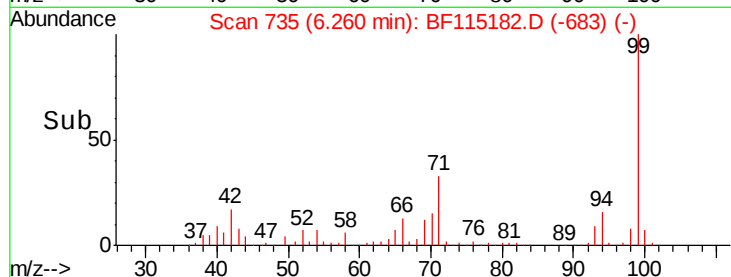
99 100

42 17.0 13.6 20.4

71 33.3 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: 40.644 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

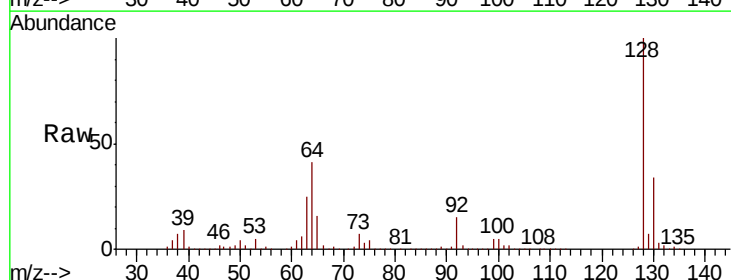
Tgt Ion:128 Resp: 787547

Ion Ratio Lower Upper

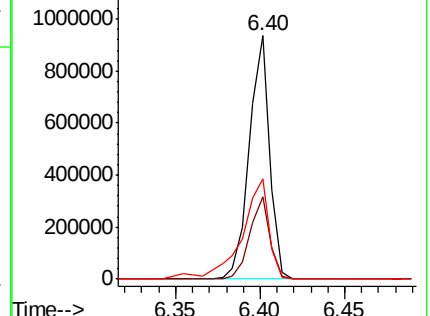
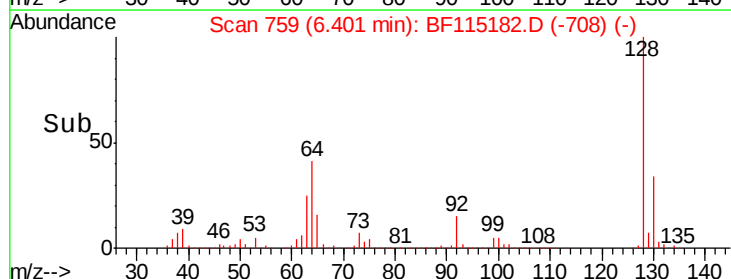
128 100

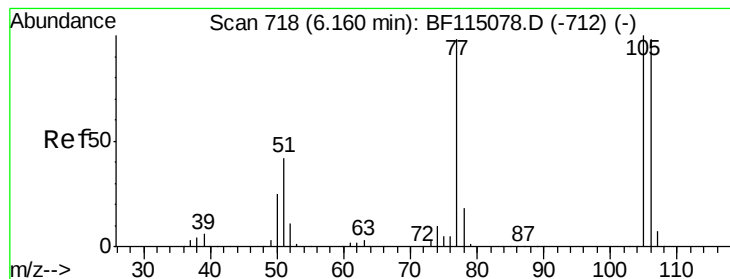
130 33.6 12.9 52.9

64 41.0 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: 7.932 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

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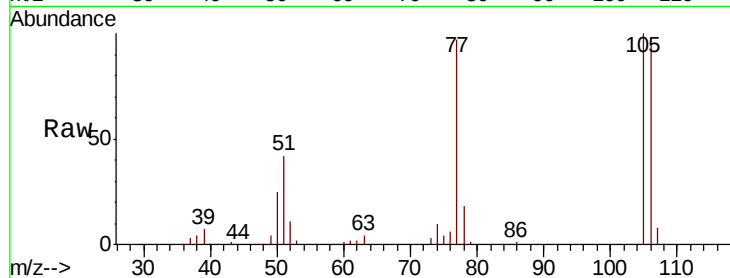
Tgt Ion: 77 Resp: 108229

Ion Ratio Lower Upper

77 100

105 102.6 81.5 121.5

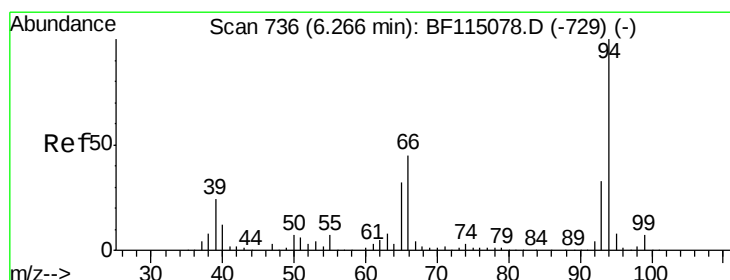
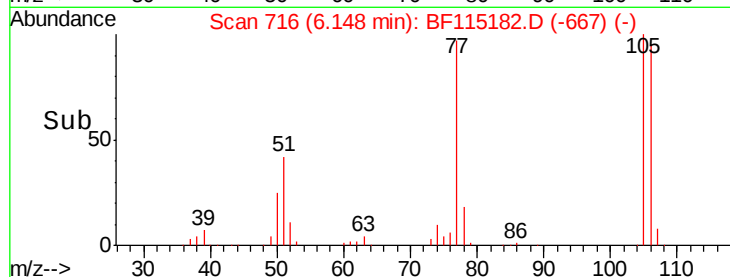
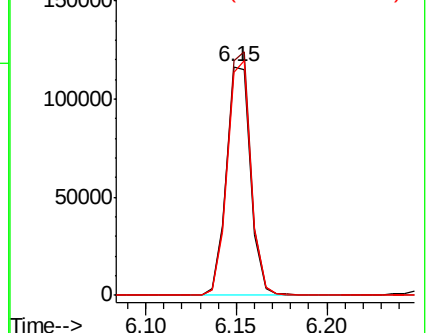
106 97.7 79.7 119.7



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: 36.717 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

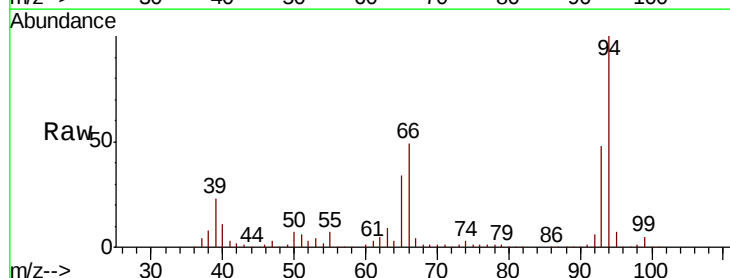
Tgt Ion: 94 Resp: 899544

Ion Ratio Lower Upper

94 100

65 33.6 11.9 51.9

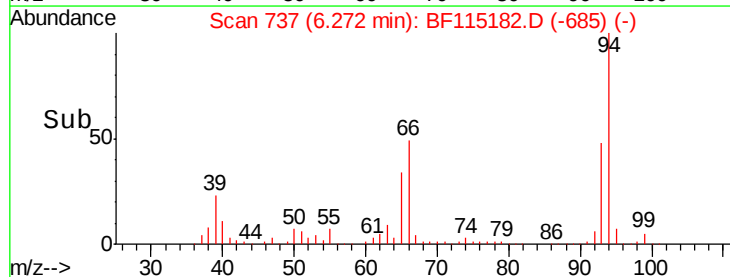
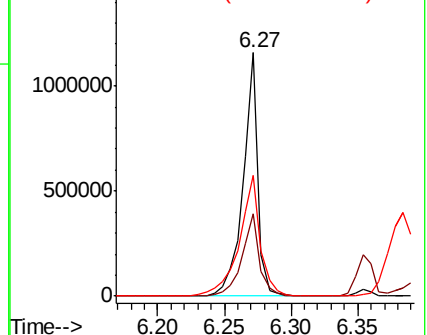
66 49.4 25.2 65.2

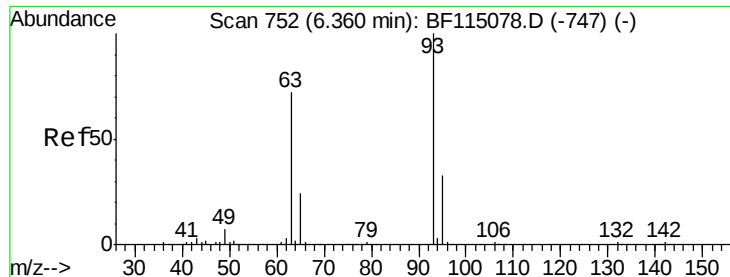


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

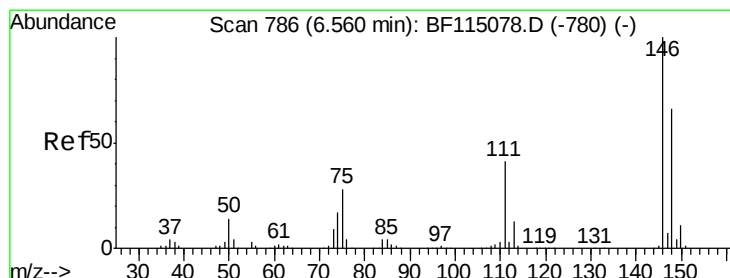
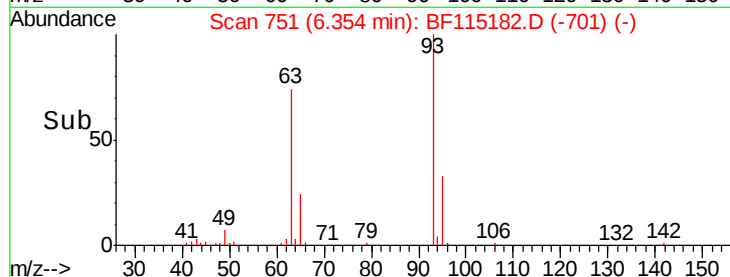
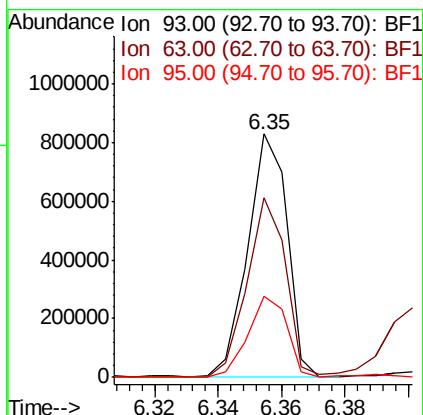
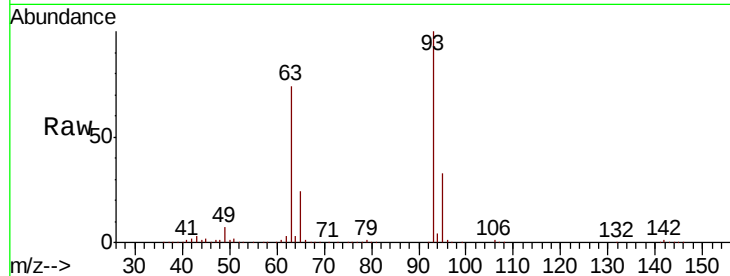




#11
bis(2-Chloroethyl)ether
Concen: 39.307 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

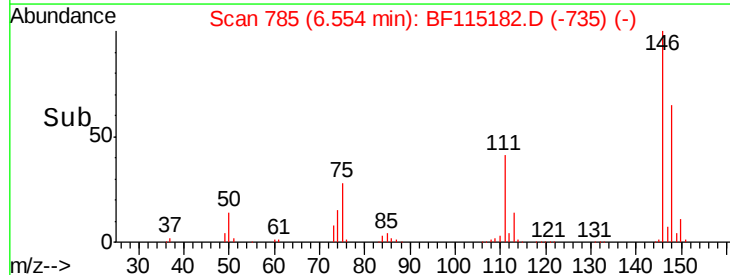
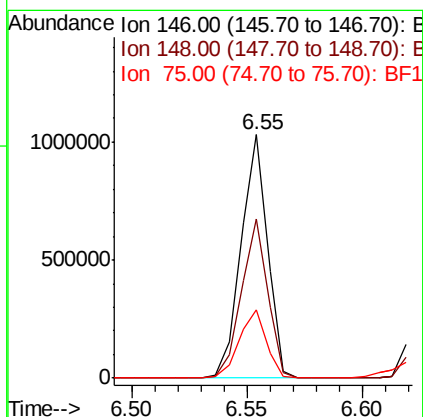
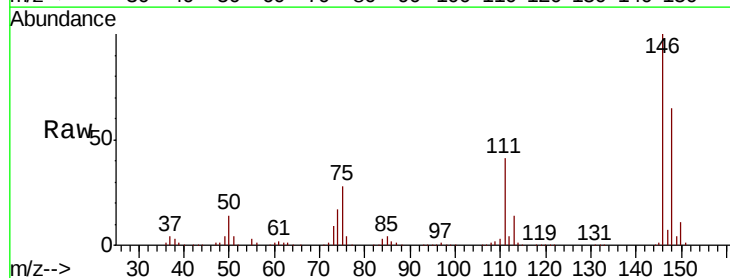
Instrument :
BNA_F
ClientSampleId :
PB120870BS

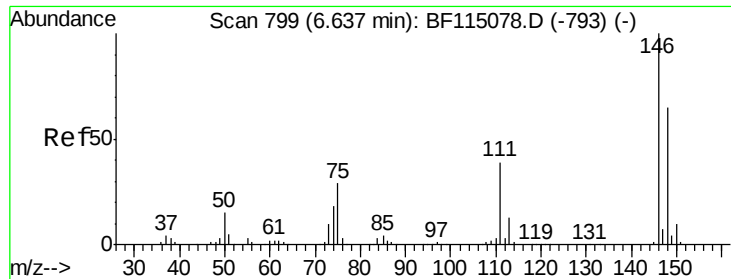
Tgt Ion: 93 Resp: 709871
Ion Ratio Lower Upper
93 100
63 73.5 51.5 91.5
95 33.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 38.421 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion: 146 Resp: 826216
Ion Ratio Lower Upper
146 100
148 65.5 52.6 78.8
75 28.1 22.6 34.0

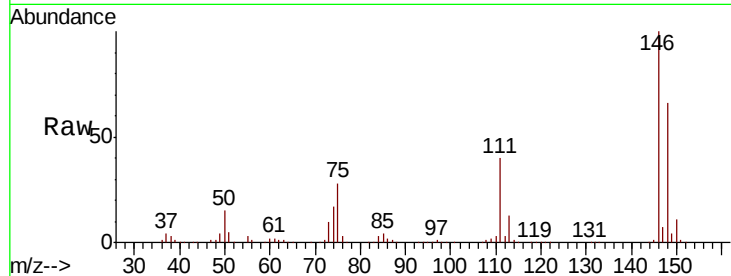




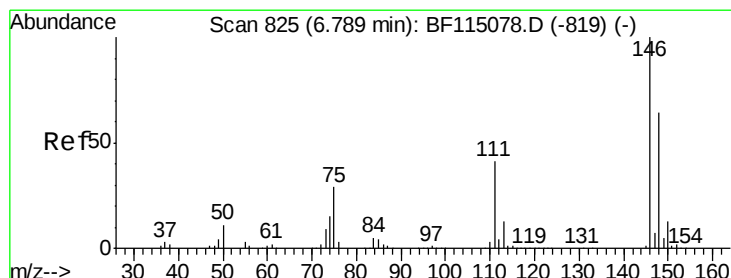
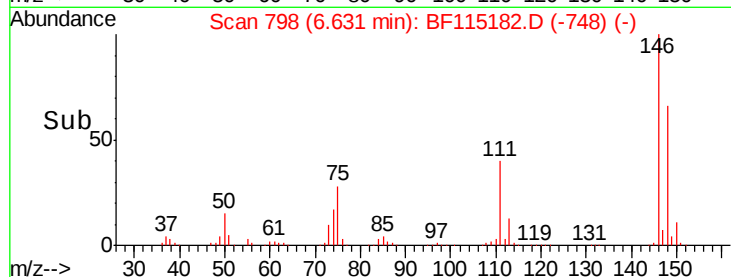
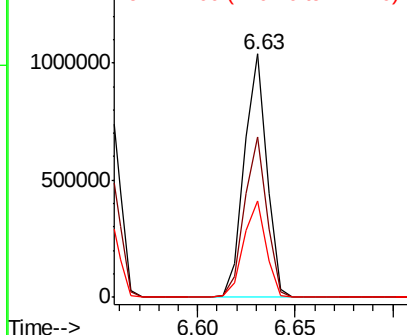
#13
 1,4-Dichlorobenzene
 Concen: 38.656 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:146 Resp: 833581
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 39.7 31.4 47.0

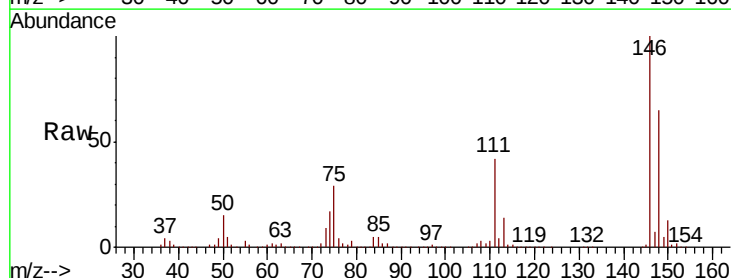


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

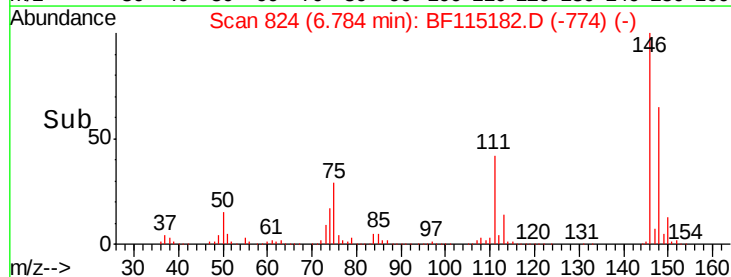
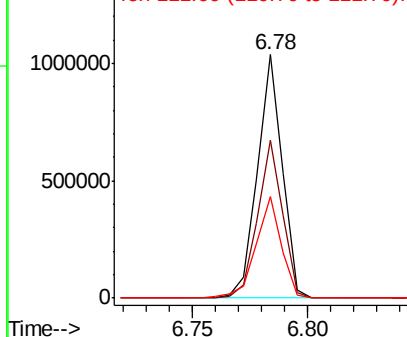


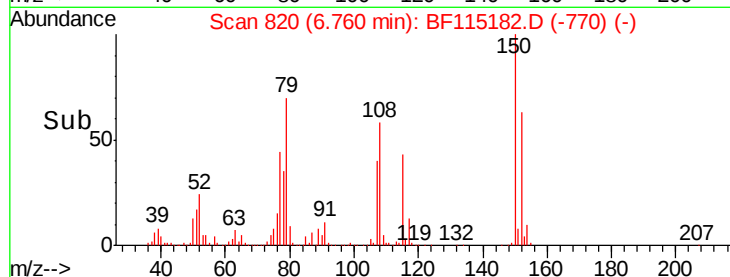
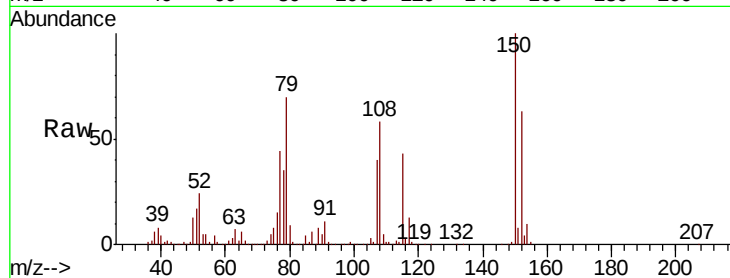
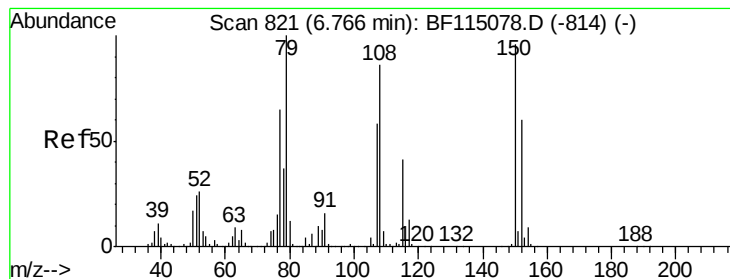
#14
 1,2-Dichlorobenzene
 Concen: 38.989 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:146 Resp: 778598
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.1 76.7
 111 41.9 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 35.879 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

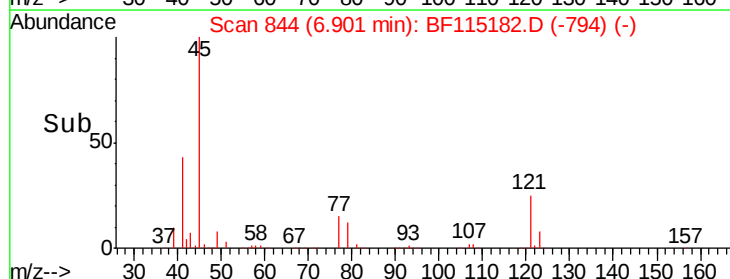
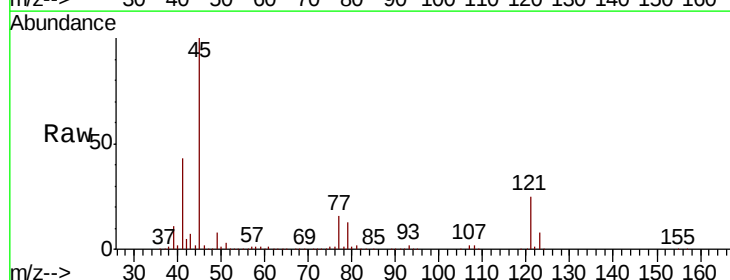
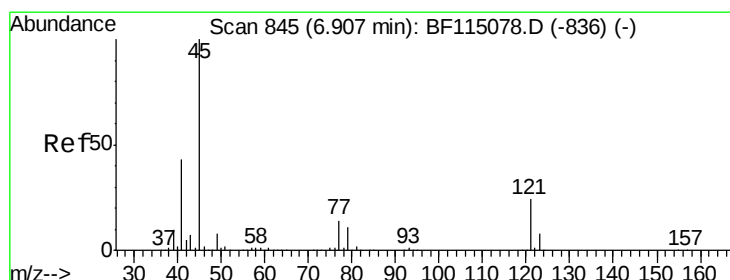
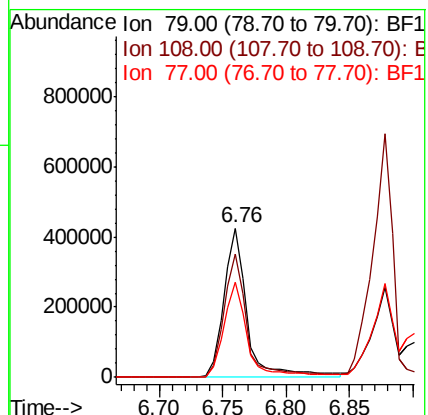
Tgt Ion: 79 Resp: 546431

Ion Ratio Lower Upper

79 100

108 82.7 68.7 103.1

77 63.7 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.305 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

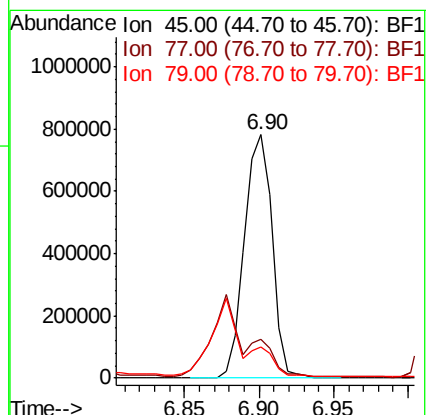
Tgt Ion: 45 Resp: 1003344

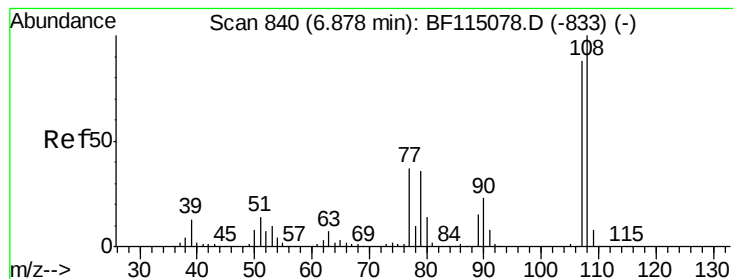
Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.6

79 12.8 0.0 31.2





#17

2-Methylphenol

Concen: 42.939 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tgt Ion:107 Resp: 686752

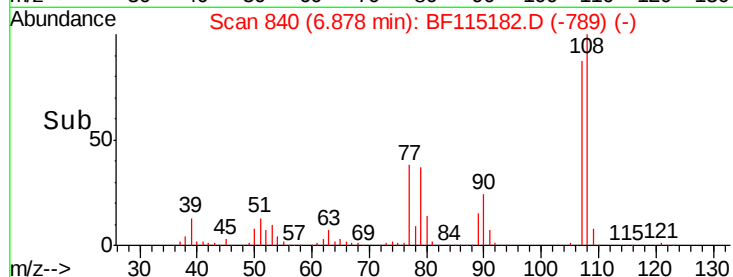
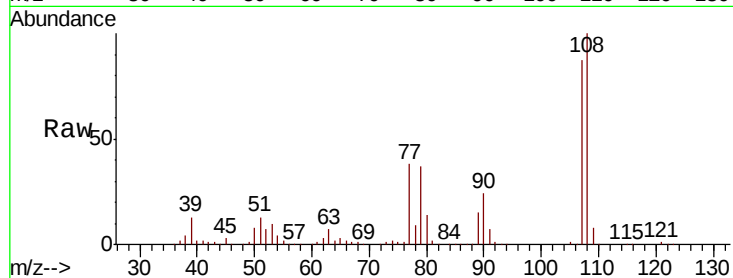
Ion Ratio Lower Upper

107 100

108 114.8 90.9 136.3

77 44.1 33.4 50.2

79 42.6 32.3 48.5



Abundance Ion 107.00 (106.70 to 107.70): E

1200000 Ion 108.00 (107.70 to 108.70): E

1000000 Ion 77.00 (76.70 to 77.70): BF1

800000 Ion 79.00 (78.70 to 79.70): BF1

600000

400000

200000

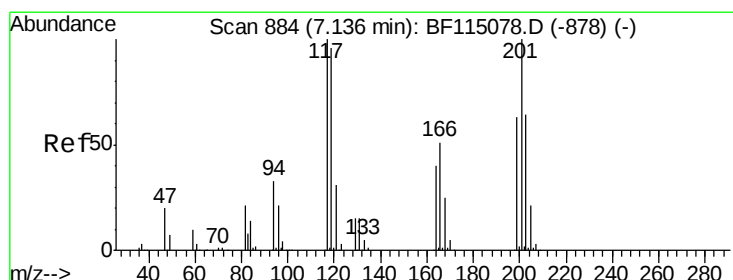
0

6.88

6.90

7.00

Time-->



#18

Hexachloroethane

Concen: 38.529 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

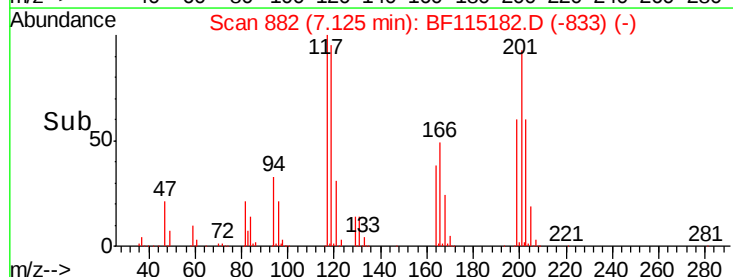
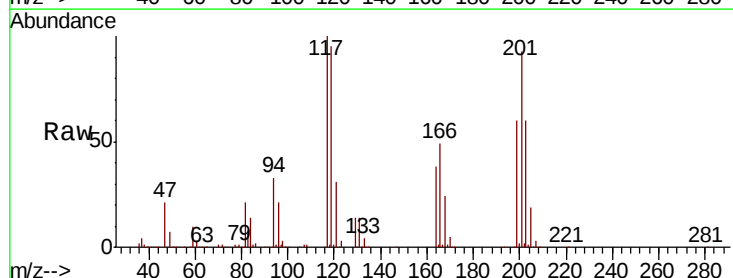
Tgt Ion:117 Resp: 299528

Ion Ratio Lower Upper

117 100

119 95.1 76.6 114.8

201 93.1 80.2 120.2



Abundance Ion 117.00 (116.70 to 117.70): E

400000 Ion 119.00 (118.70 to 119.70): E

300000 Ion 201.00 (200.70 to 201.70): E

200000

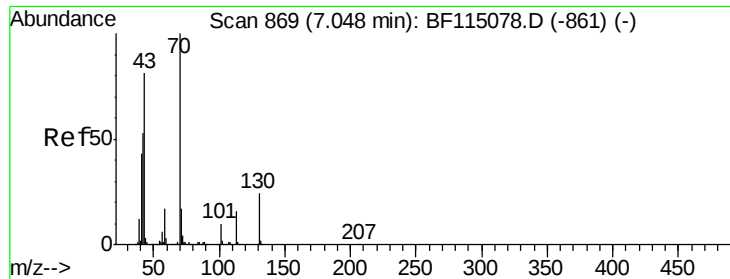
100000

0

7.12

7.15

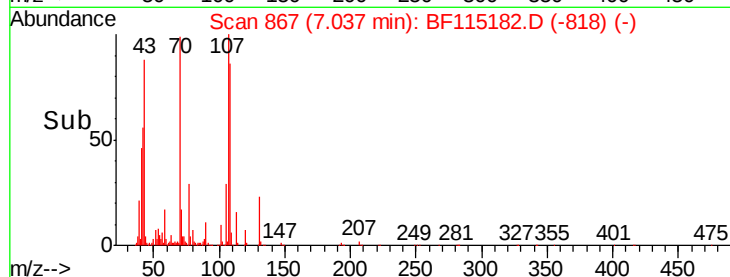
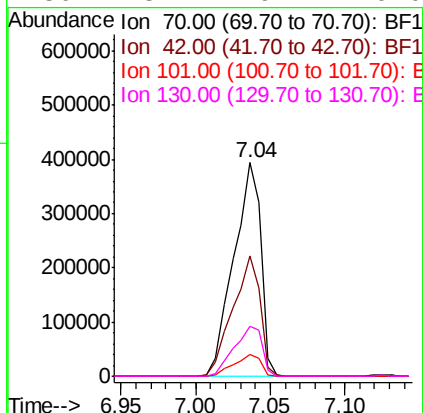
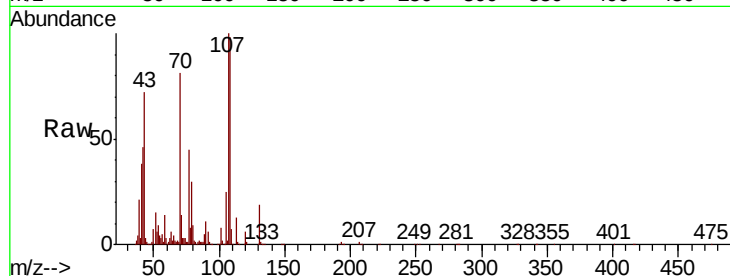
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.350 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

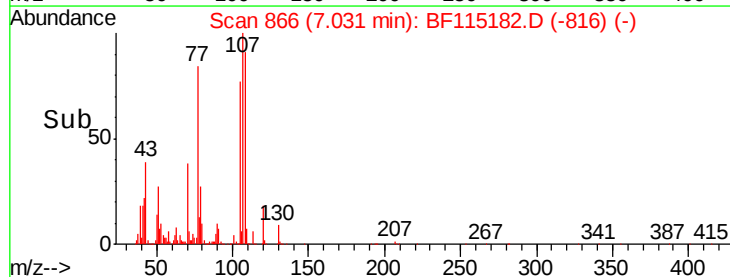
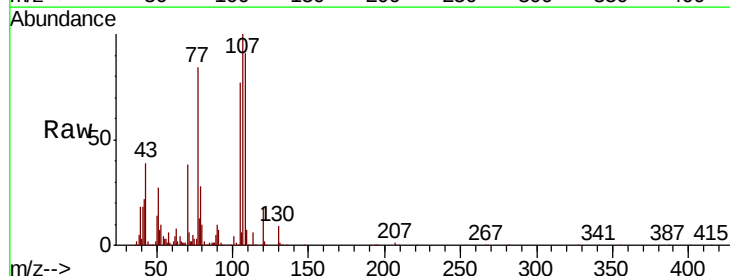
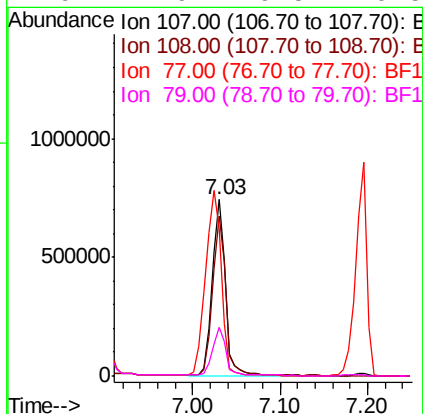
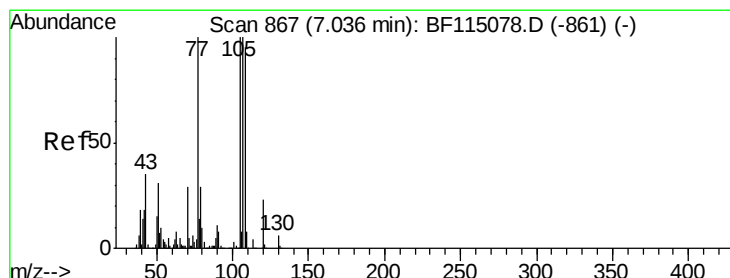
Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion:	70	Resp:	500135
Ion	Ratio	Lower	Upper
70	100		
42	56.5	42.6	63.8
101	10.2	8.0	12.0
130	23.2	19.4	29.0



#20
3+4-Methylphenols
Concen: 42.018 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:	107	Resp:	775985
Ion	Ratio	Lower	Upper
107	100		
108	91.0	75.5	115.5
77	83.7	80.2	120.2
79	27.9	9.5	49.5

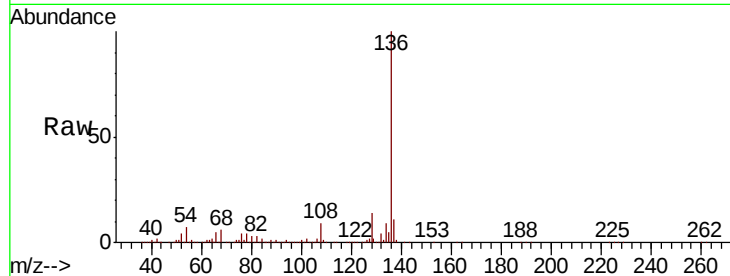




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion:	136	Resp:	1071852
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.6	8.4
68	5.7	4.8	7.2



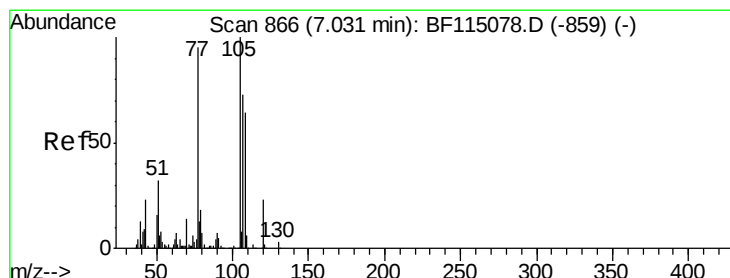
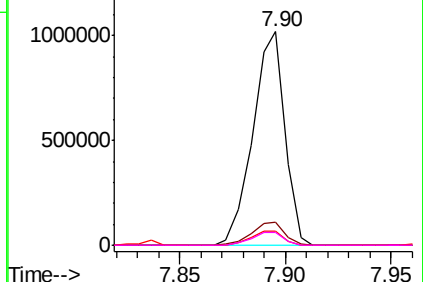
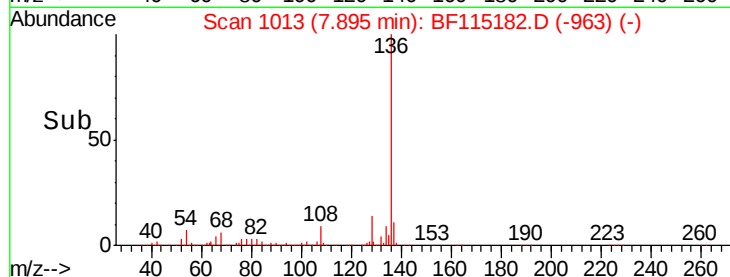
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

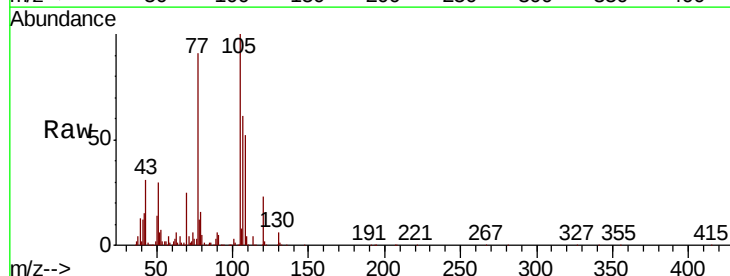
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.052 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:	105	Resp:	1031887
Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.9	2.9#
51	30.4	25.8	38.8
120	23.1	18.5	27.7



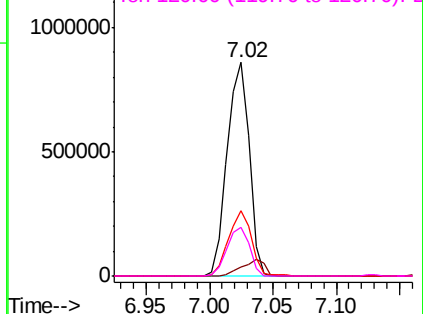
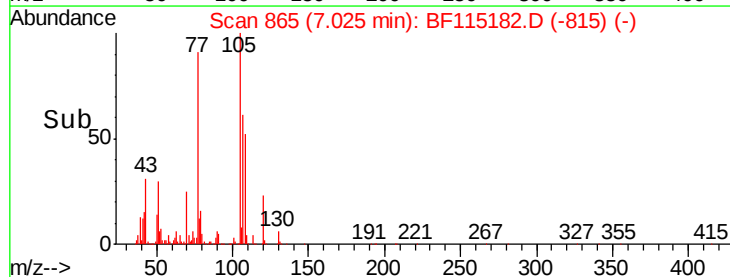
Abundance

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

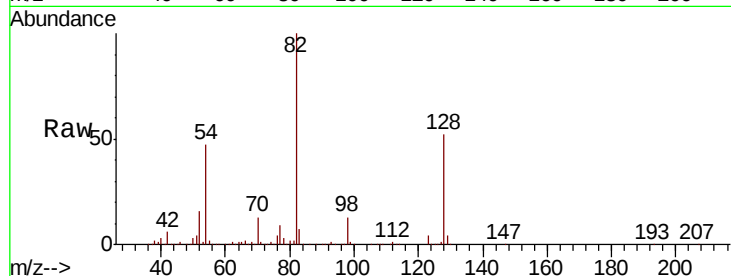




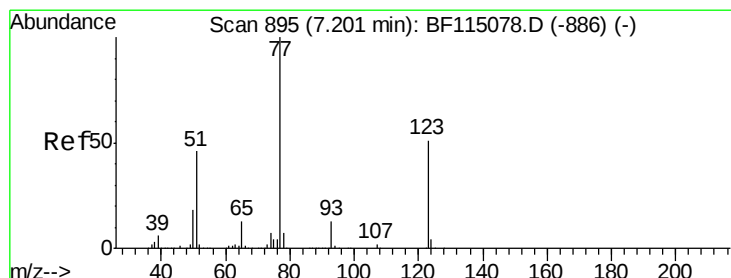
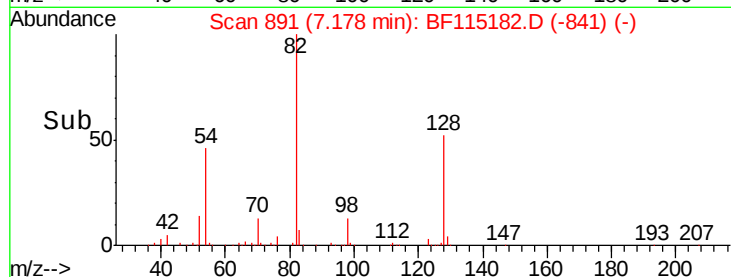
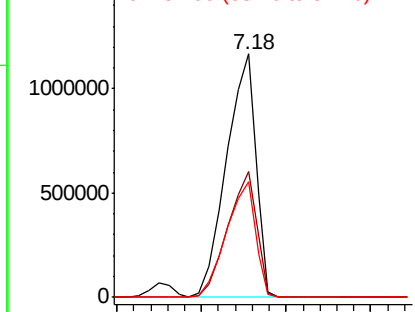
#23
 Nitrobenzene-d5
 Concen: 81.008 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion: 82 Resp: 1411492
 Ion Ratio Lower Upper
 82 100
 128 51.8 40.4 60.6
 54 47.3 37.5 56.3

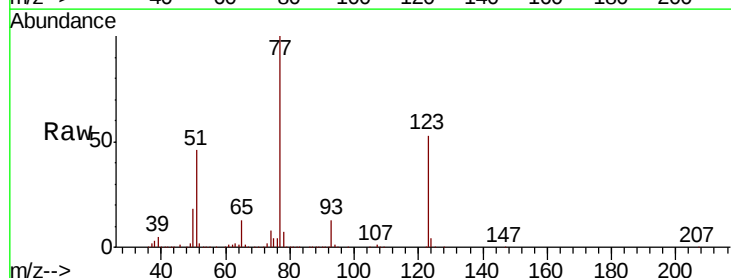


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

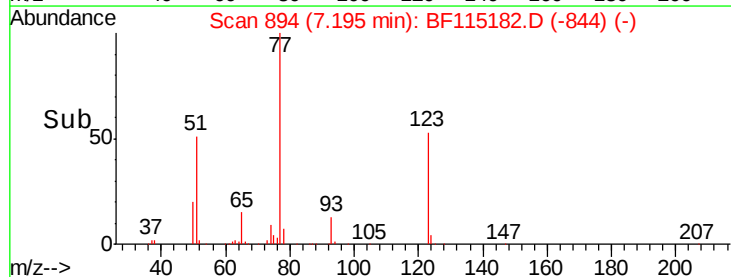
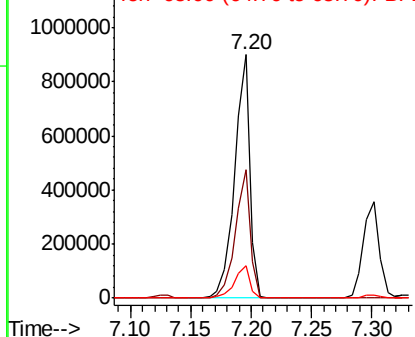


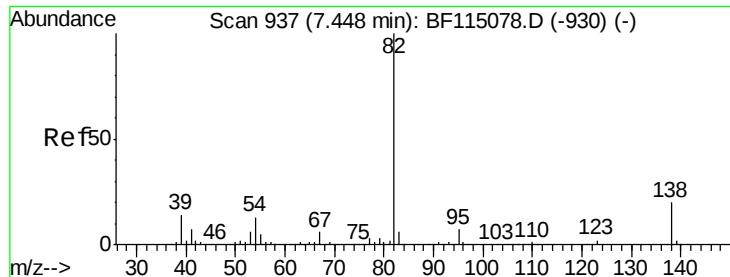
#24
 Nitrobenzene
 Concen: 41.117 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion: 77 Resp: 789274
 Ion Ratio Lower Upper
 77 100
 123 53.0 41.0 61.6
 65 13.1 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: 40.576 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

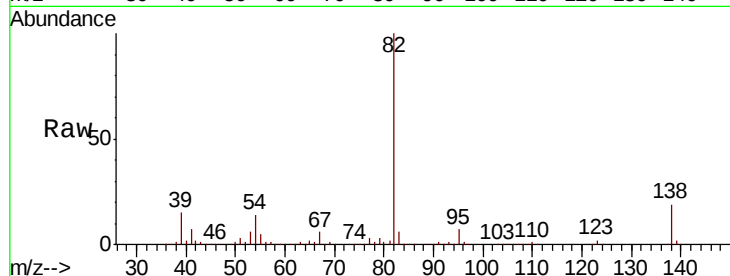
Tgt Ion: 82 Resp: 1448307

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

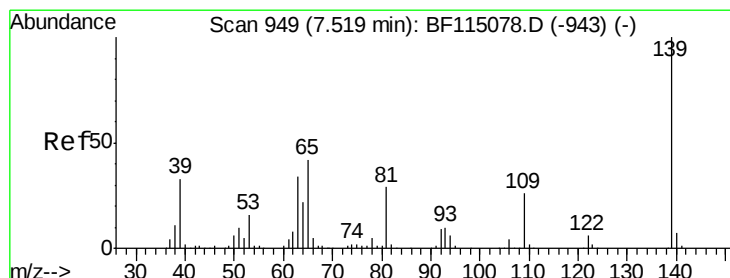
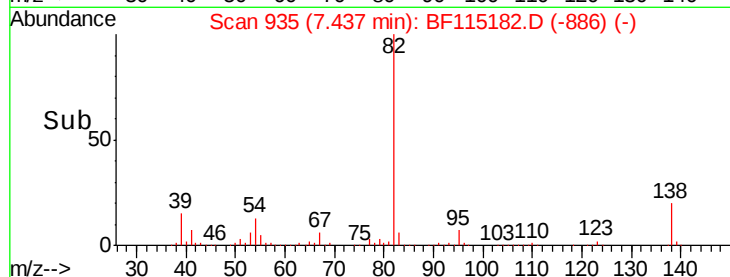
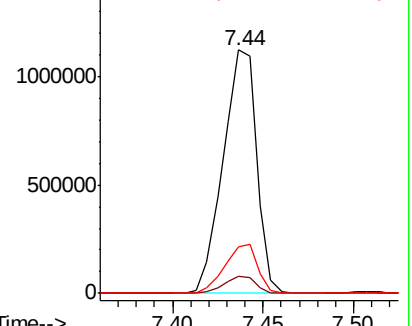
138 19.2 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.090 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

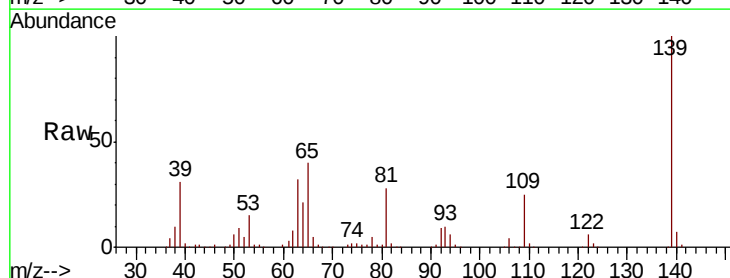
Tgt Ion: 139 Resp: 446397

Ion Ratio Lower Upper

139 100

109 24.5 20.4 30.6

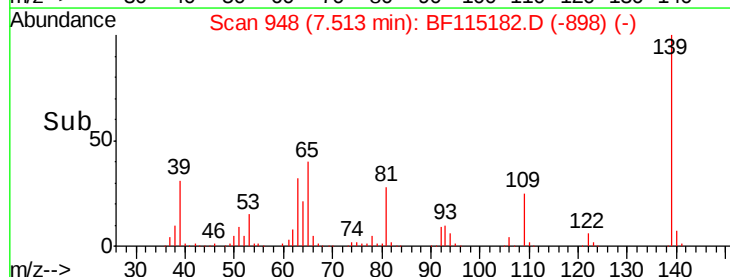
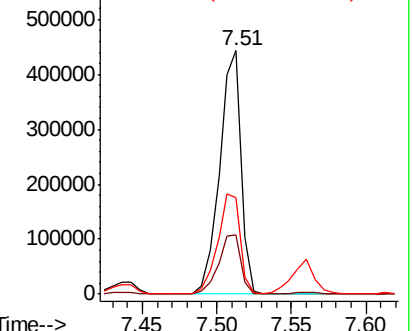
65 39.8 33.6 50.4

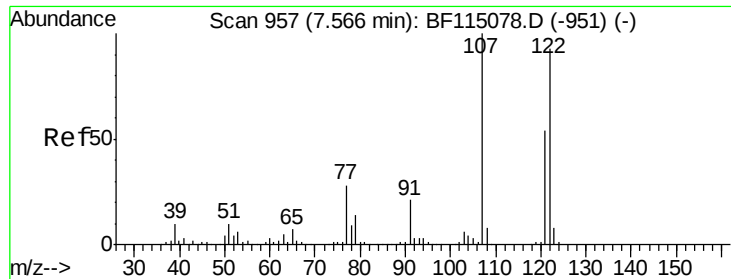


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.750 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

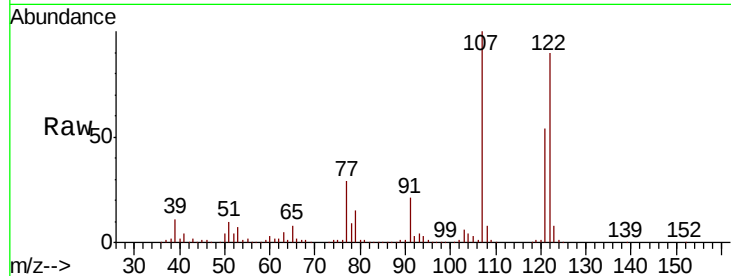
Tgt Ion:122 Resp: 741130

Ion Ratio Lower Upper

122 100

107 110.5 85.8 128.6

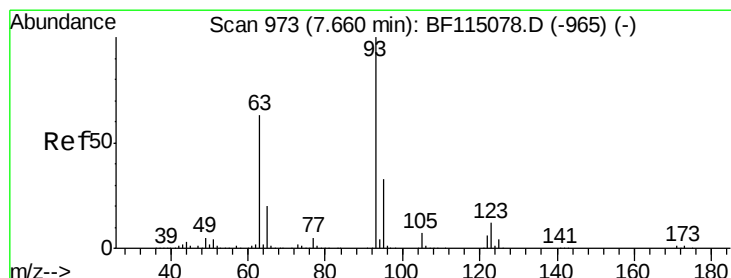
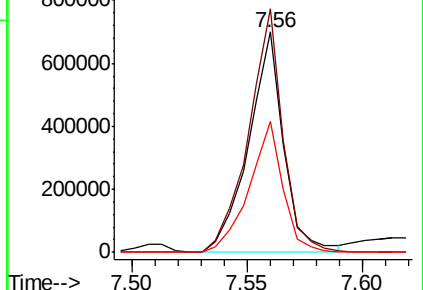
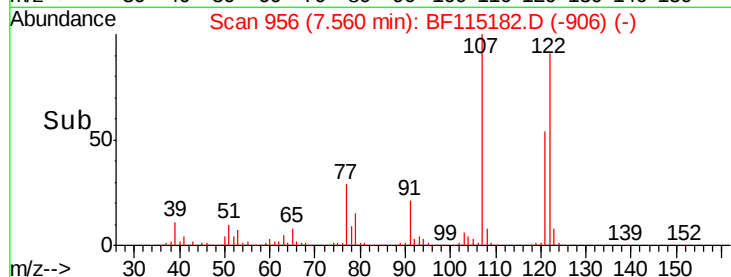
121 59.7 46.3 69.5



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: 40.233 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

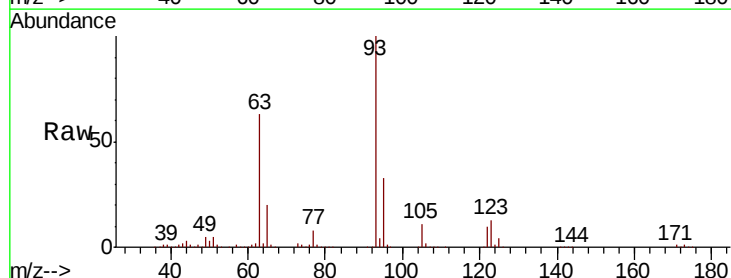
Tgt Ion: 93 Resp: 907665

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

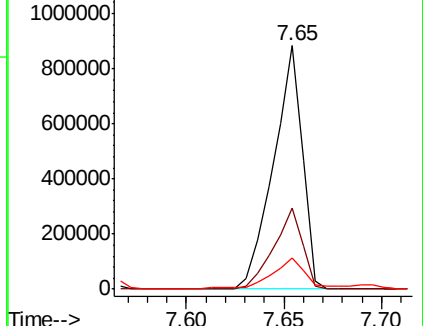
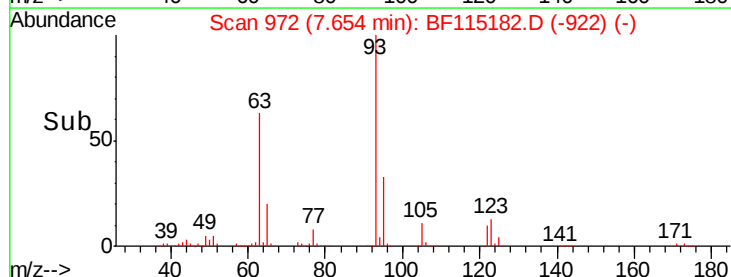
123 12.8 9.7 14.5



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

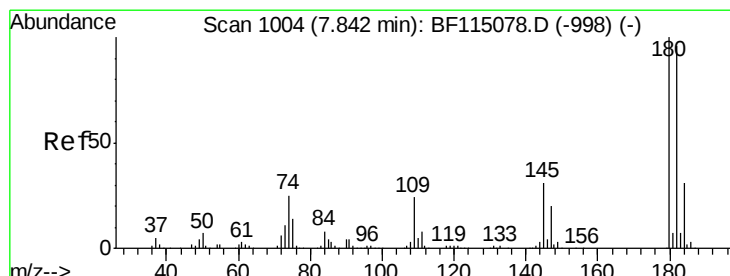
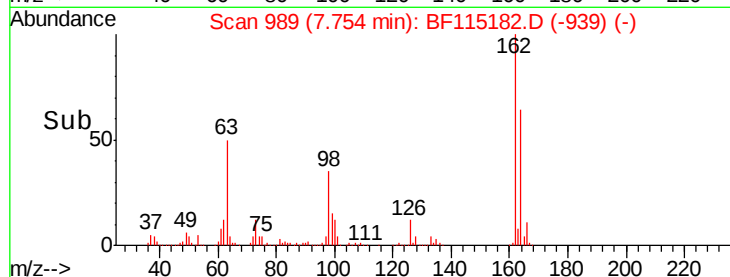
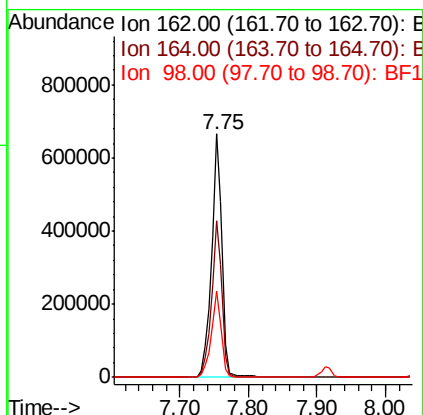
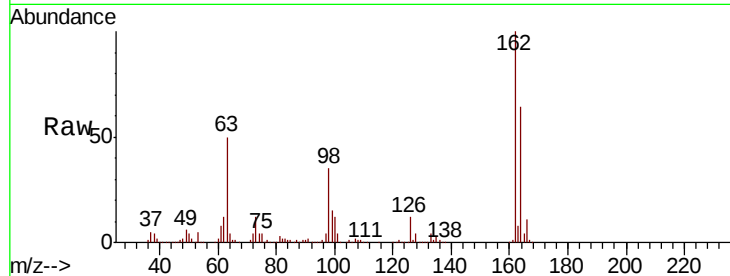




#29
2,4-Dichlorophenol
Concen: 43.443 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

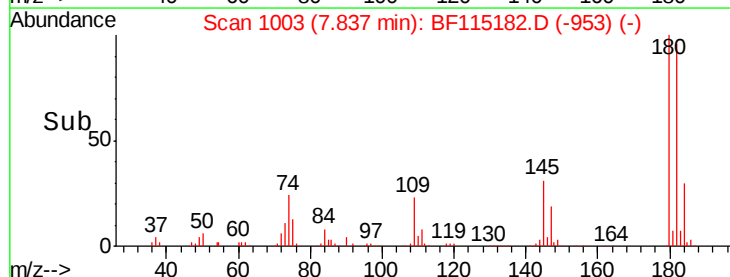
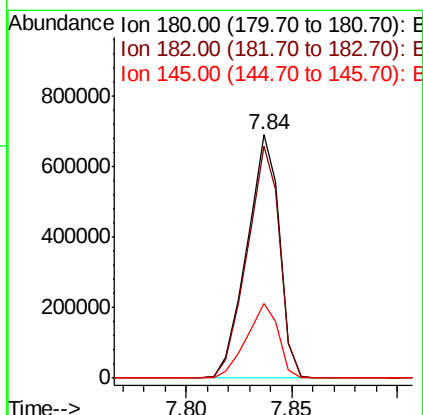
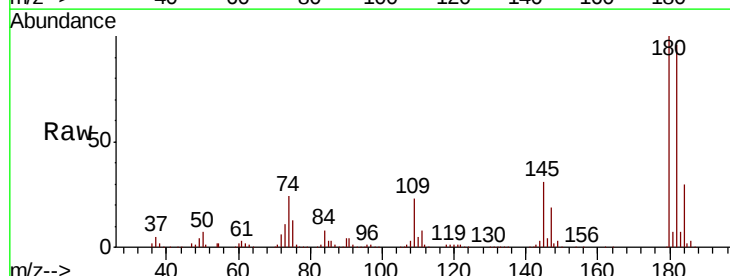
Instrument :
BNA_F
ClientSampleId :
PB120870BS

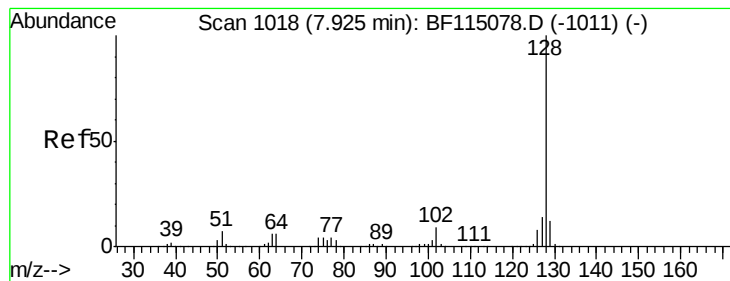
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.3	85.3
98	35.5	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 41.563 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	30.7	24.8	37.2





#31

Naphthalene

Concen: 42.208 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

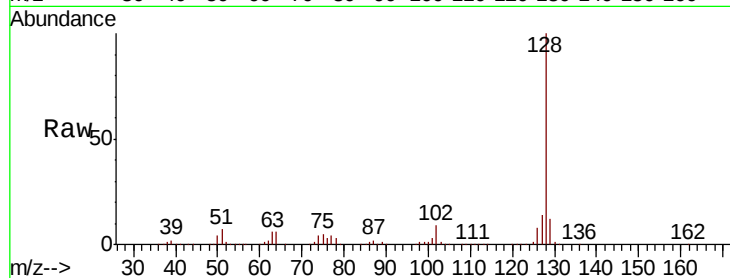
Tgt Ion:128 Resp: 2220763

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

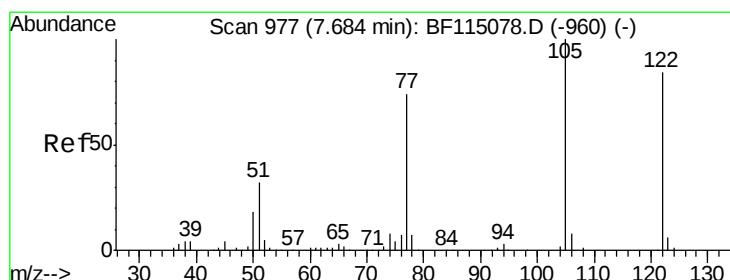
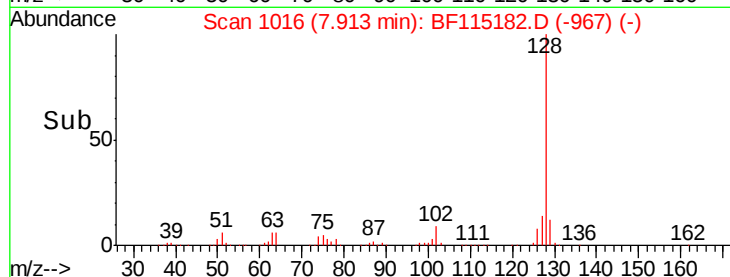
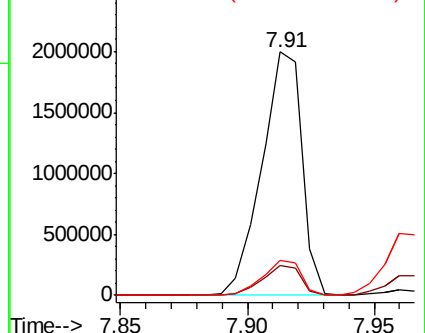
127 14.2 11.4 17.0



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: 52.364 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

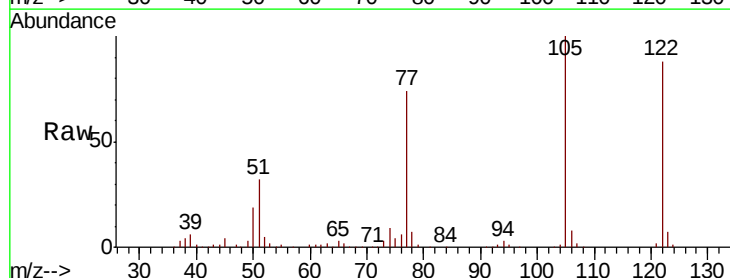
Tgt Ion:122 Resp: 580145

Ion Ratio Lower Upper

122 100

105 114.2 98.2 138.2

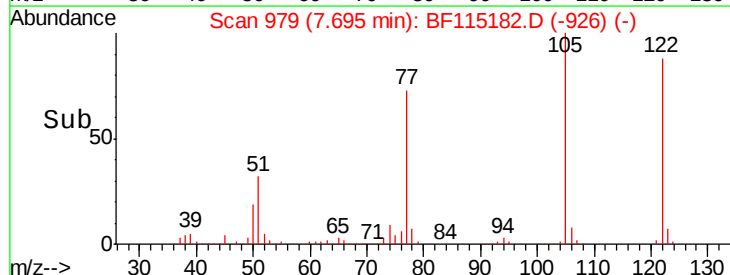
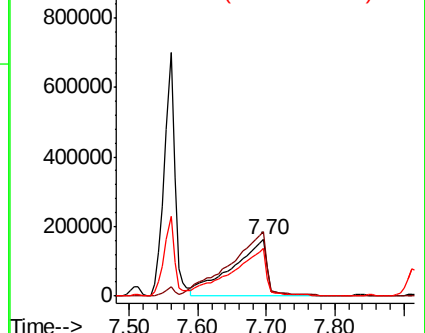
77 84.1 67.0 107.0

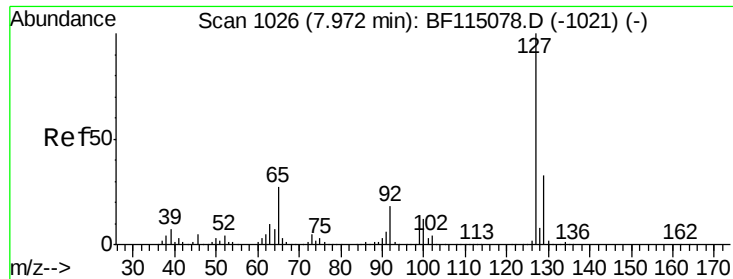


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

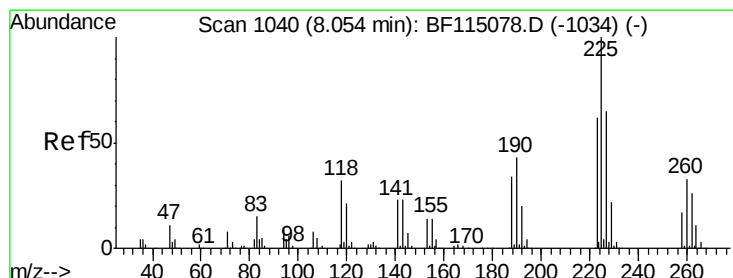
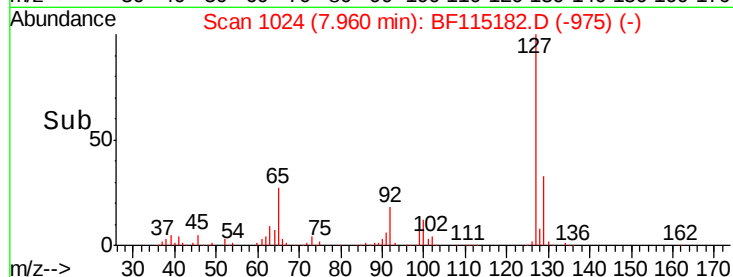
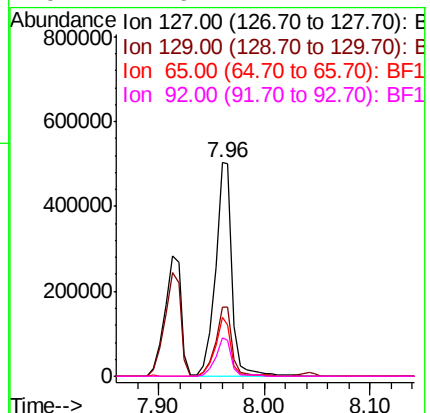
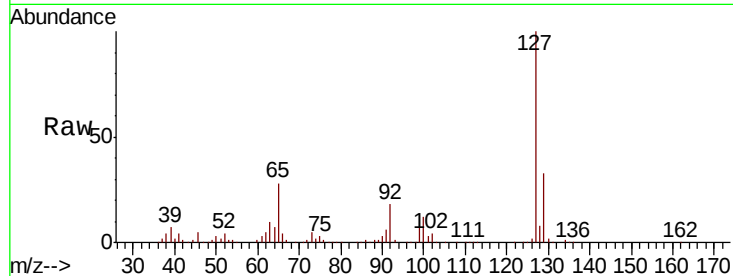




#33
4-Chloroaniline
Concen: 23.287 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

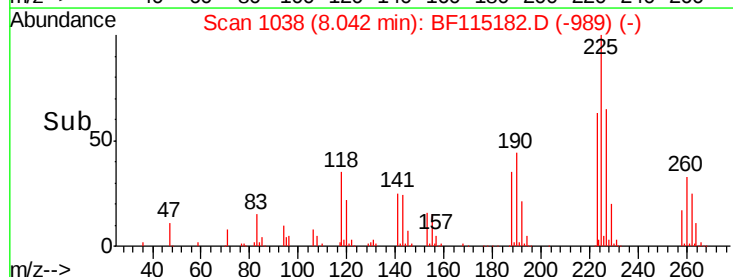
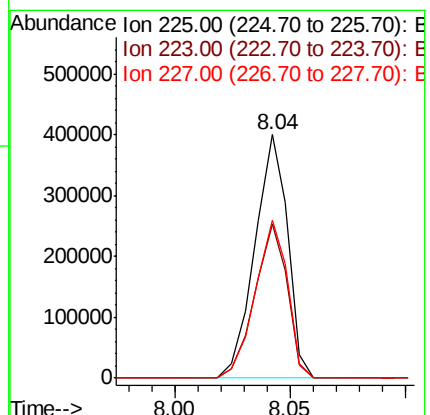
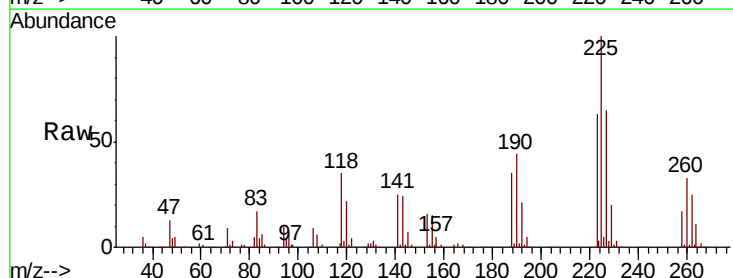
Instrument :
BNA_F
ClientSampleId :
PB120870BS

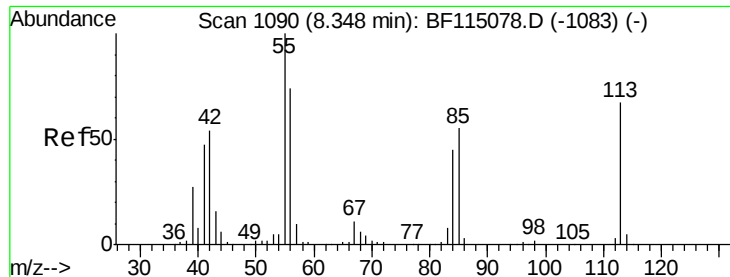
Tgt Ion:	127	Resp:	559967
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.5	21.4	32.2
92	17.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 40.840 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:	225	Resp:	395972
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	65.0	51.8	77.8

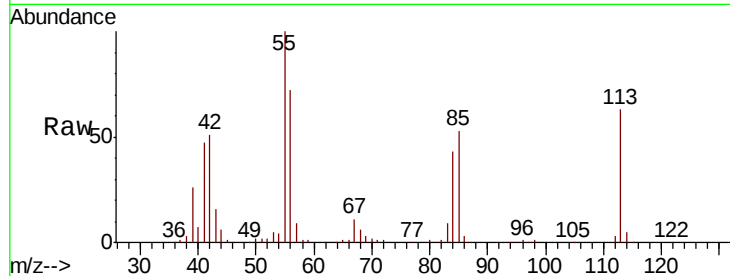




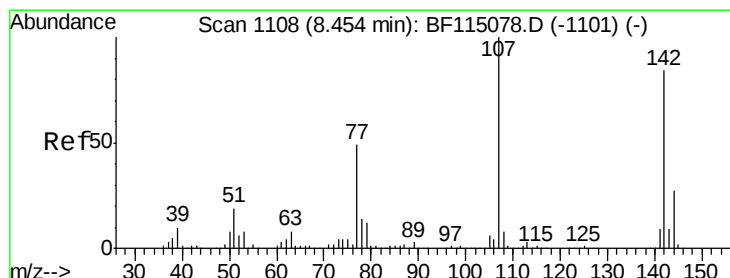
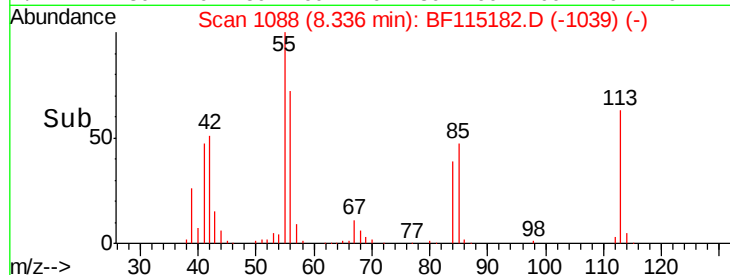
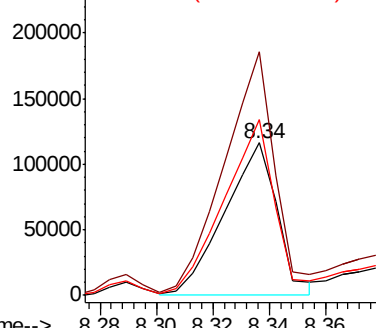
#35
 Caprolactam
 Concen: 27.835 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:113 Resp: 149897
 Ion Ratio Lower Upper
 113 100
 55 159.9 130.2 170.2
 56 115.8 91.6 131.6

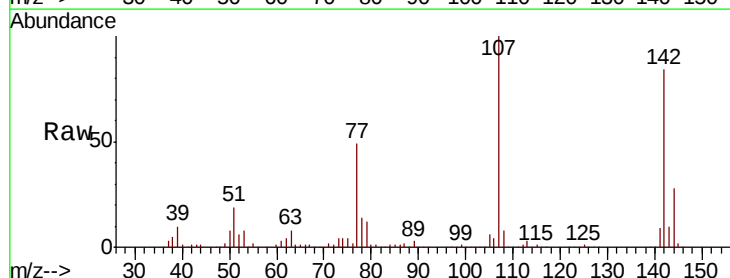


Abundance Ion 113.00 (112.70 to 113.70): E
 250000 Ion 55.00 (54.70 to 55.70): BF1
 200000 Ion 56.00 (55.70 to 56.70): BF1

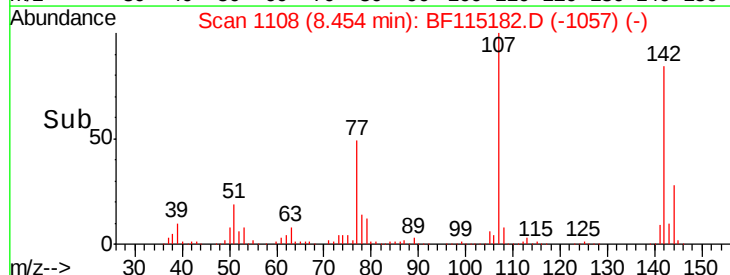
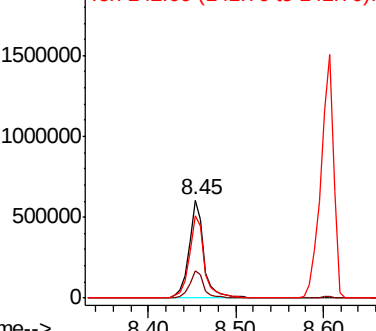


#36
 4-Chloro-3-methylphenol
 Concen: 43.791 ng
 RT: 8.45 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:107 Resp: 710350
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.7 32.5
 142 84.3 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 2000000 Ion 144.00 (143.70 to 144.70): E
 1500000 Ion 142.00 (141.70 to 142.70): E

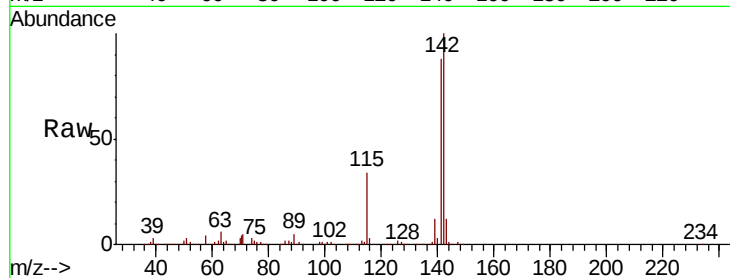




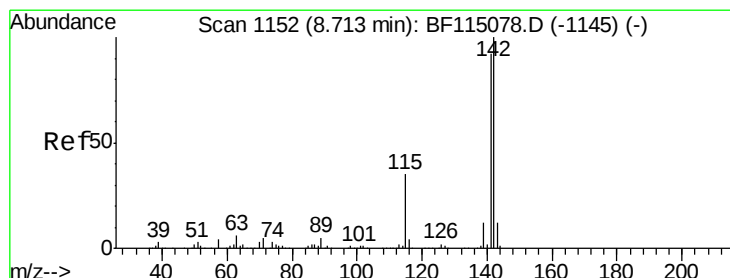
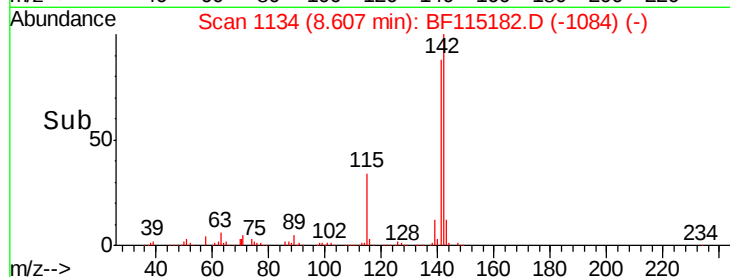
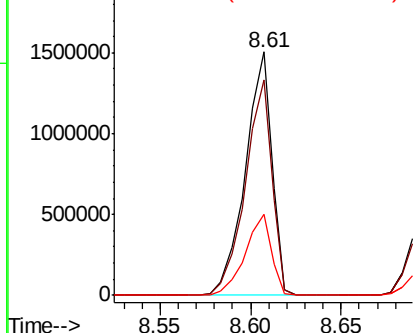
#37
 2-Methylnaphthalene
 Concen: 43.259 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:142 Resp: 1534635
 Ion Ratio Lower Upper
 142 100
 141 88.4 69.8 104.6
 115 33.5 26.7 40.1

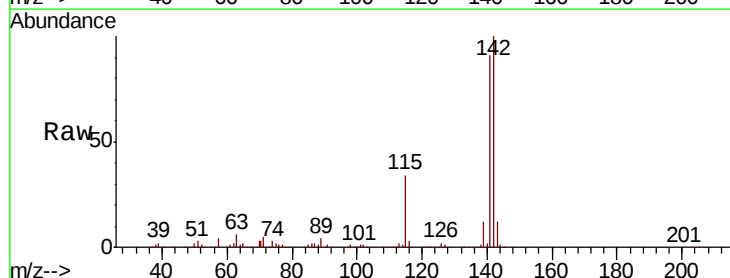


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

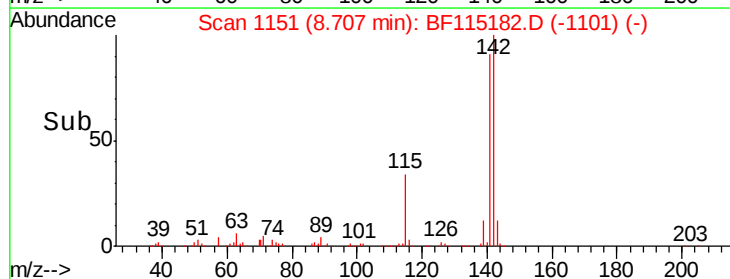
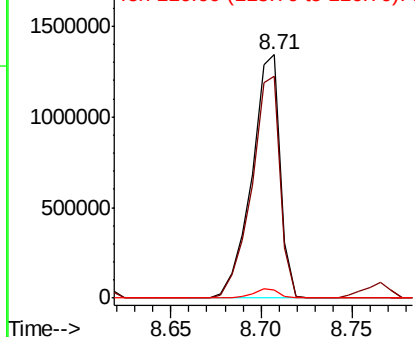


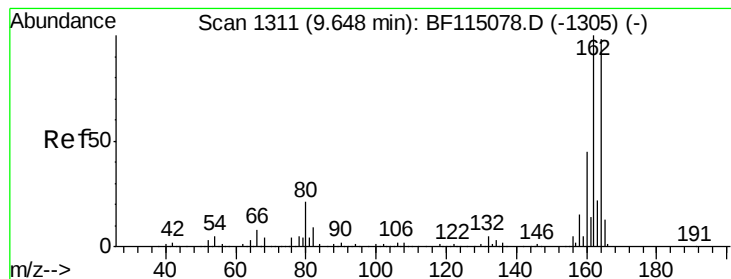
#38
 1-Methylnaphthalene
 Concen: 43.052 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:142 Resp: 1458671
 Ion Ratio Lower Upper
 142 100
 141 91.3 73.8 110.8
 116 3.5 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: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

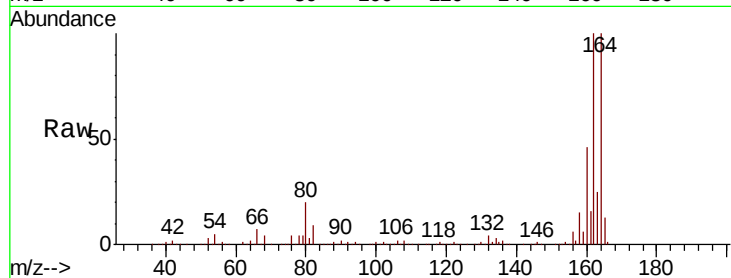
Tgt Ion:164 Resp: 541113

Ion Ratio Lower Upper

164 100

162 100.2 81.7 122.5

160 45.6 37.0 55.4

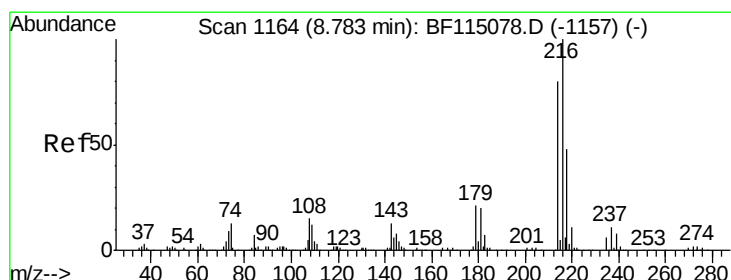
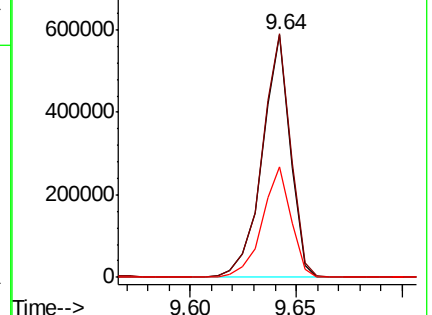
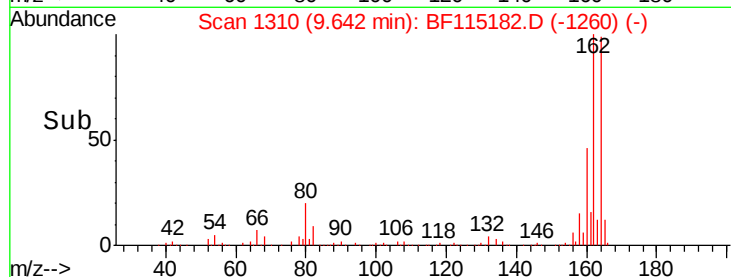


Abundance

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: 42.125 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Tgt Ion:216 Resp: 644128

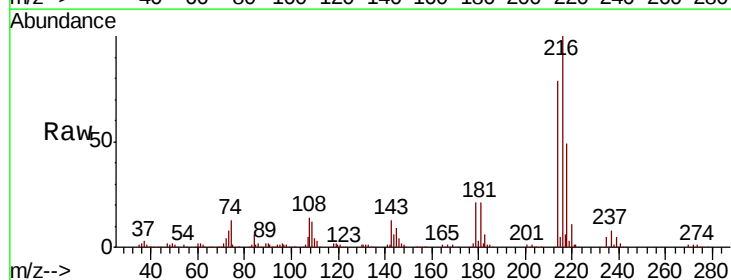
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 22.3 17.6 26.4

108 20.5 15.7 23.5



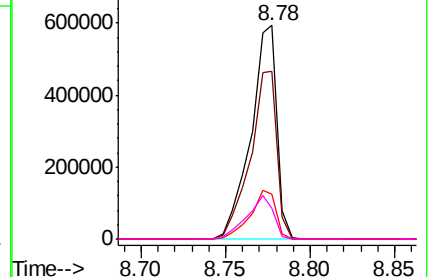
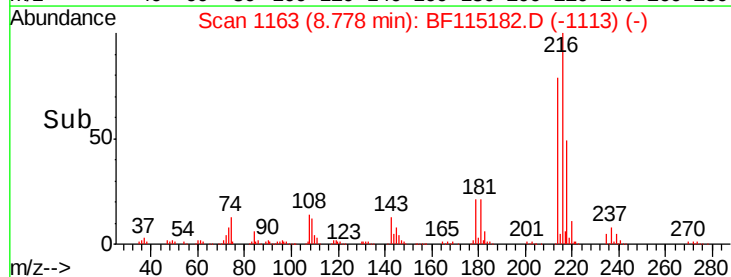
Abundance

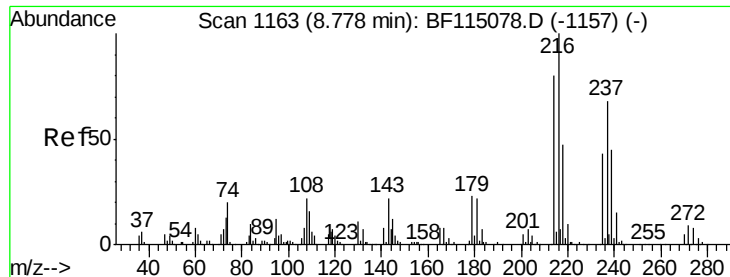
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.453 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

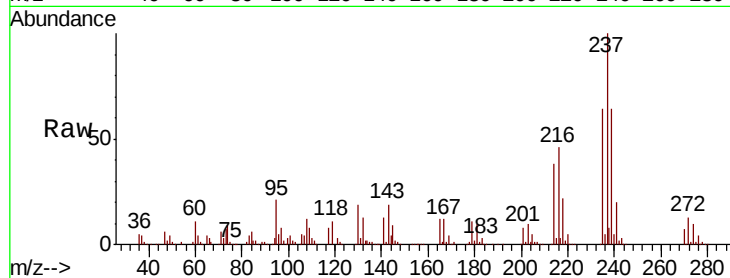
Tgt Ion: 237 Resp: 675061

Ion Ratio Lower Upper

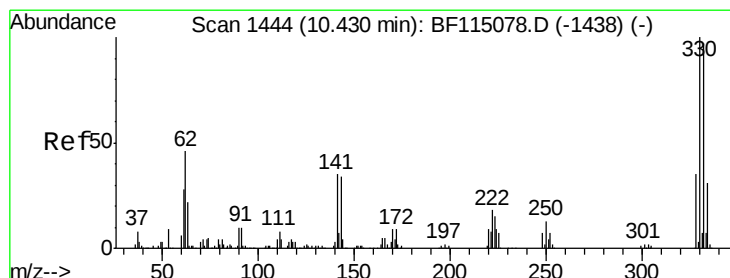
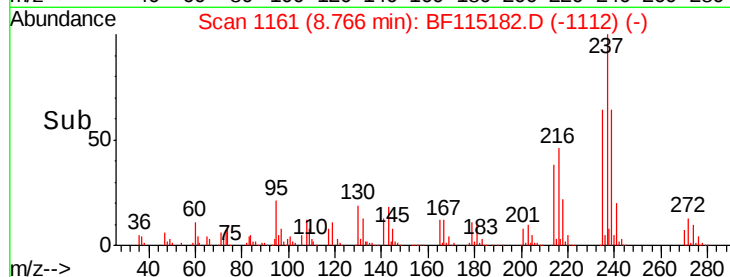
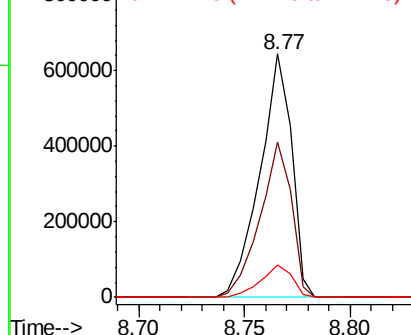
237 100

235 64.0 43.9 83.9

272 13.2 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: 117.395 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

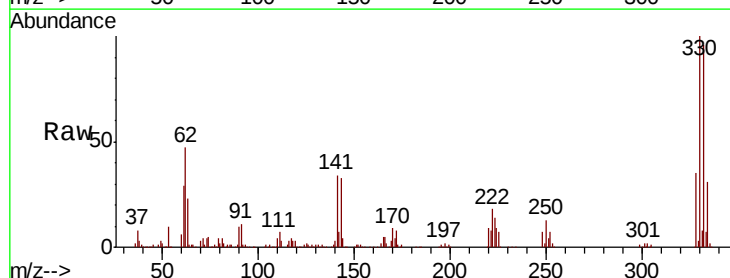
Tgt Ion: 330 Resp: 669881

Ion Ratio Lower Upper

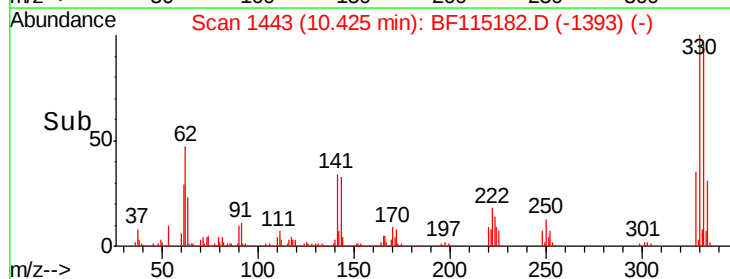
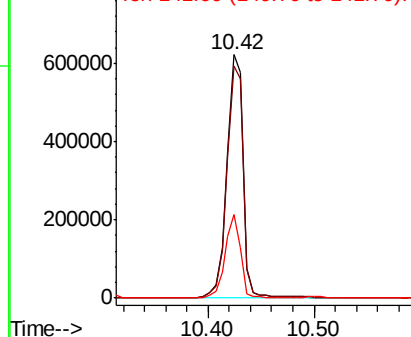
330 100

332 96.9 77.3 115.9

141 32.8 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

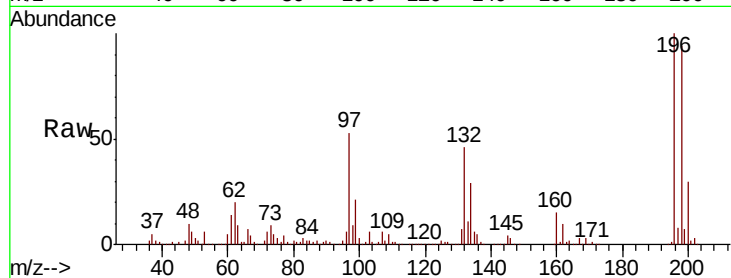




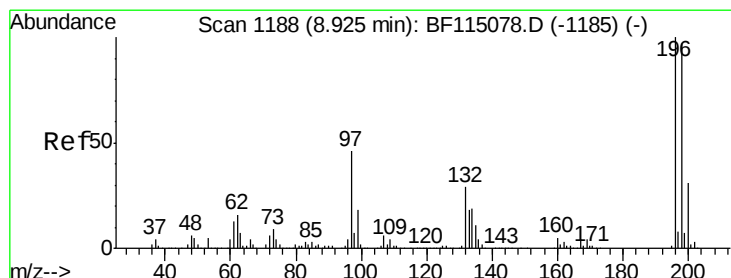
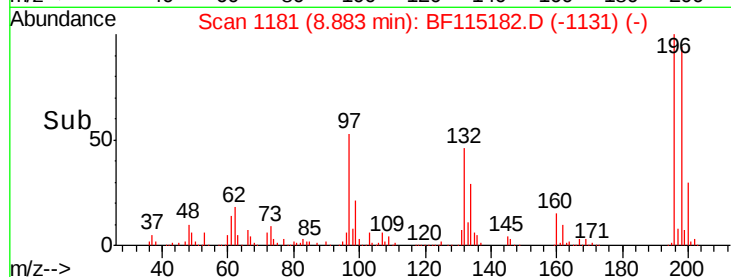
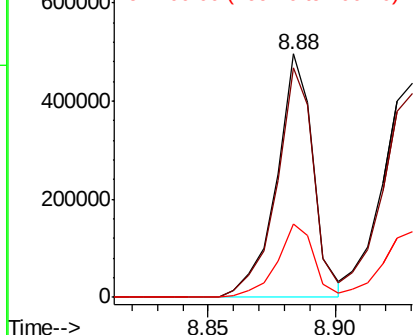
#43
 2,4,6-Trichlorophenol
 Concen: 42.375 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:196 Resp: 500244
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 29.9 24.2 36.4



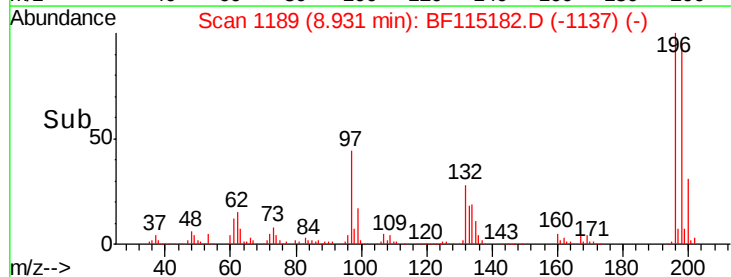
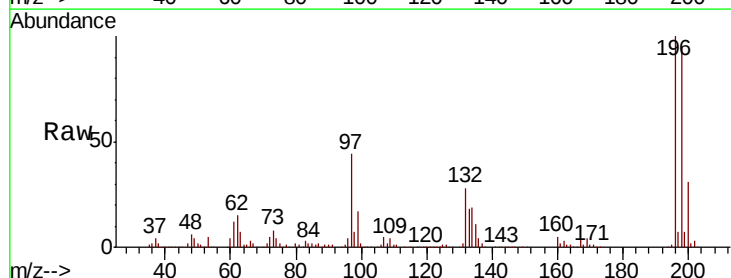
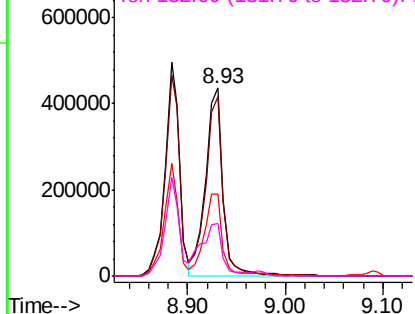
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

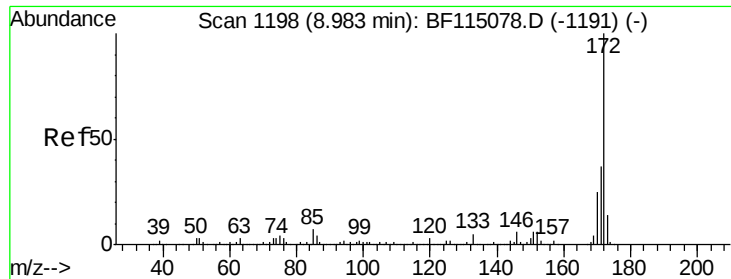


#44
 2,4,5-Trichlorophenol
 Concen: 44.381 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:196 Resp: 539547
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 97 43.8 37.7 56.5
 132 27.8 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

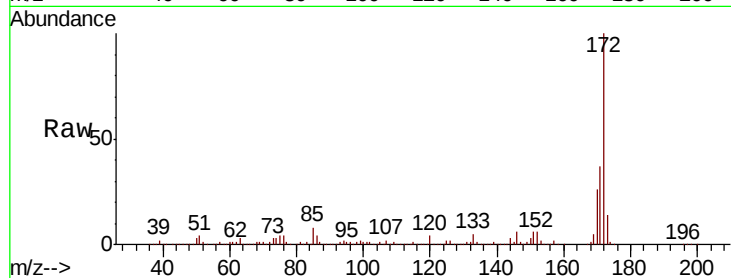




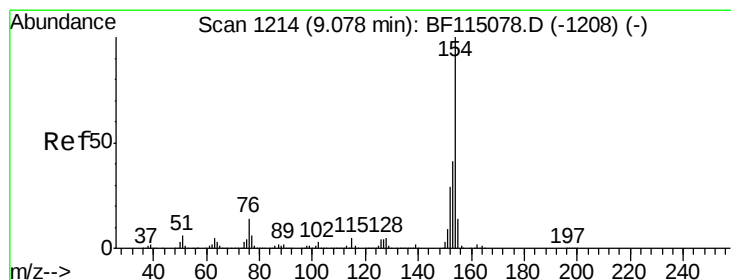
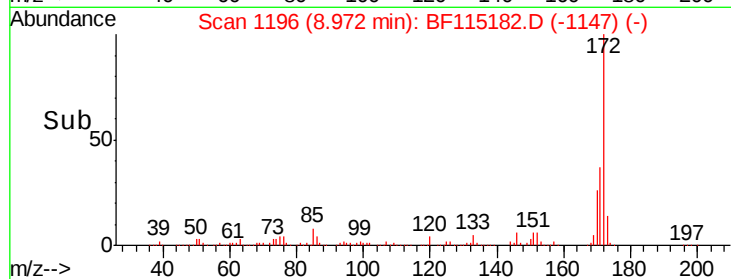
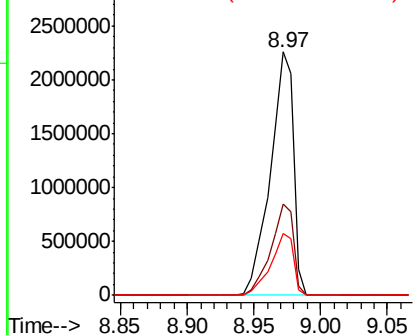
#45
 2-Fluorobiphenyl
 Concen: 85.577 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:172 Resp: 2726132
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.5 20.3 30.5

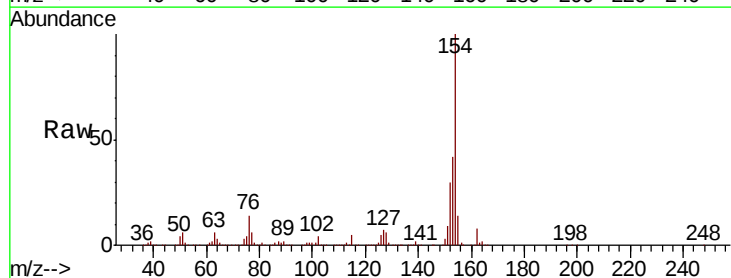


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

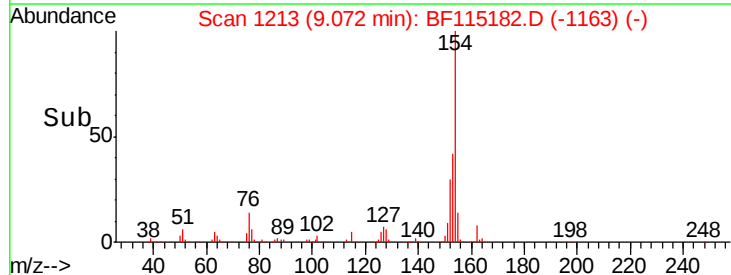
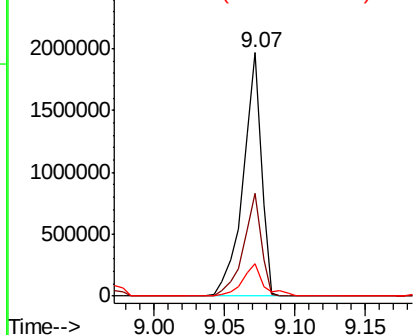


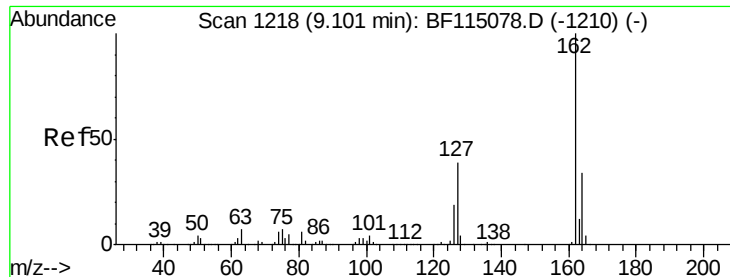
#46
 1,1'-Biphenyl
 Concen: 40.860 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:154 Resp: 1769093
 Ion Ratio Lower Upper
 154 100
 153 42.2 20.9 60.9
 76 13.6 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

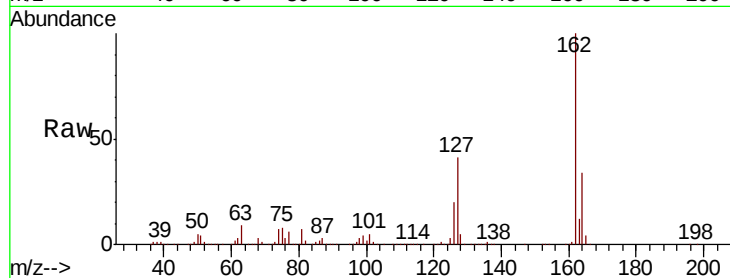




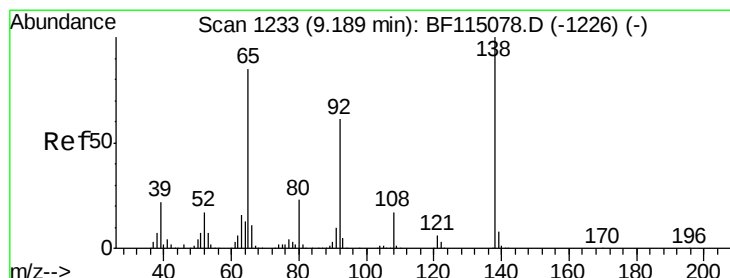
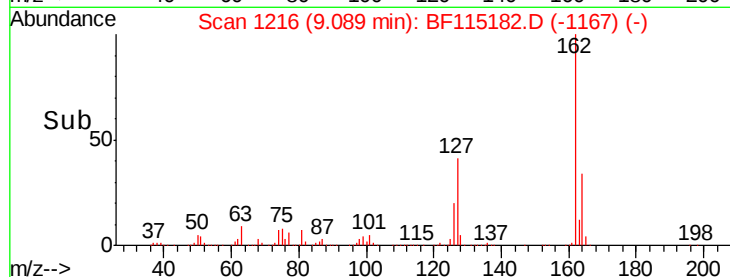
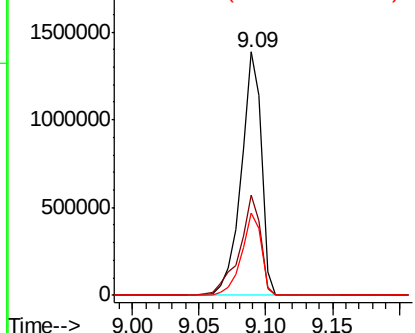
#47
2-Chloronaphthalene
Concen: 41.100 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion: 162 Resp: 1443436
Ion Ratio Lower Upper
162 100
127 41.4 30.8 46.2
164 34.1 27.0 40.4

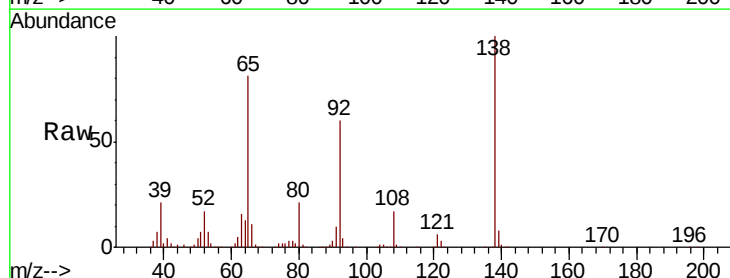


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

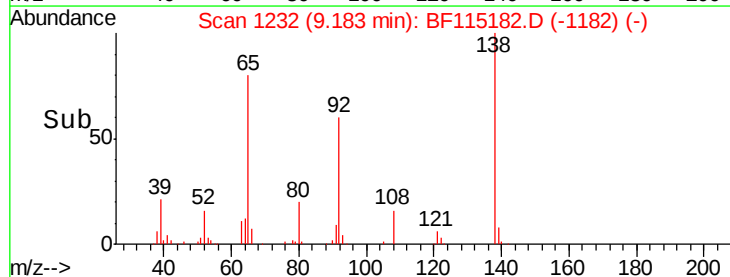
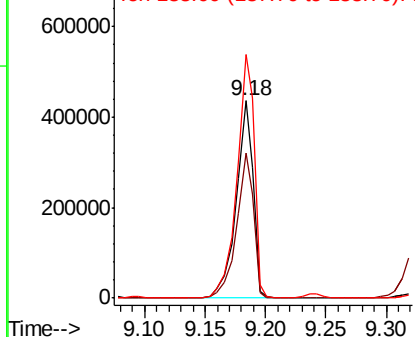


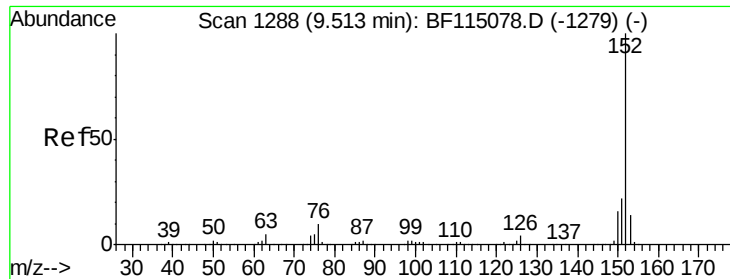
#48
2-Nitroaniline
Concen: 41.611 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion: 65 Resp: 426055
Ion Ratio Lower Upper
65 100
92 73.8 57.4 86.2
138 123.5 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: 41.104 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampled :

PB120870BS

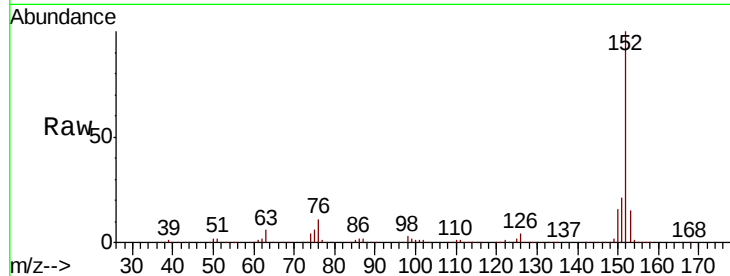
Tgt Ion:152 Resp: 2249169

Ion Ratio Lower Upper

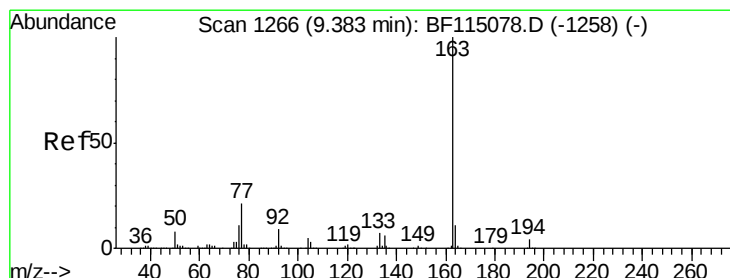
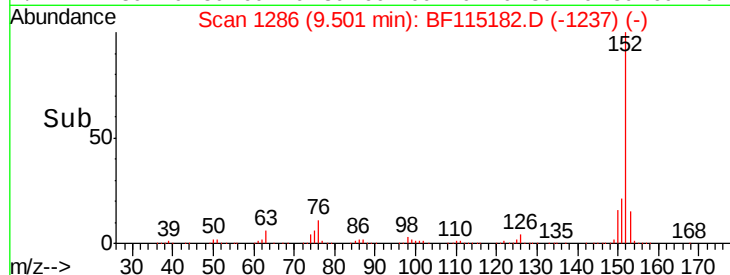
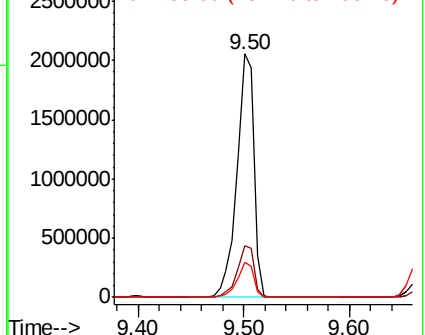
152 100

151 21.4 17.2 25.8

153 14.5 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: 41.276 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

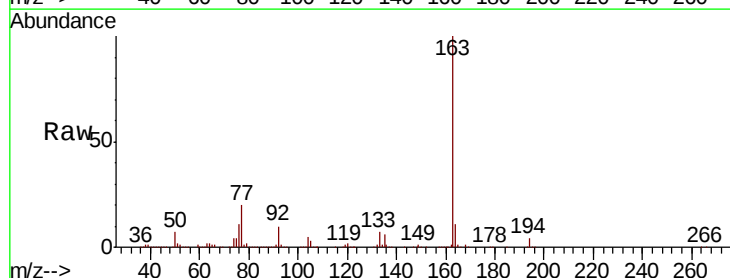
Tgt Ion:163 Resp: 1643239

Ion Ratio Lower Upper

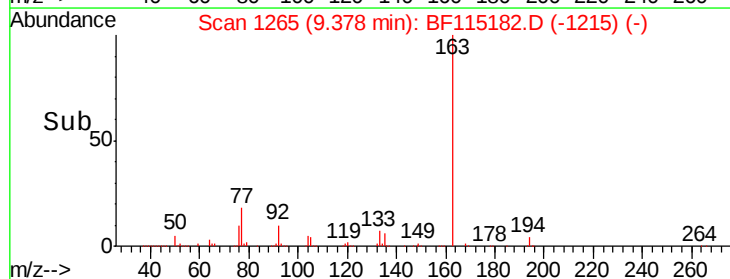
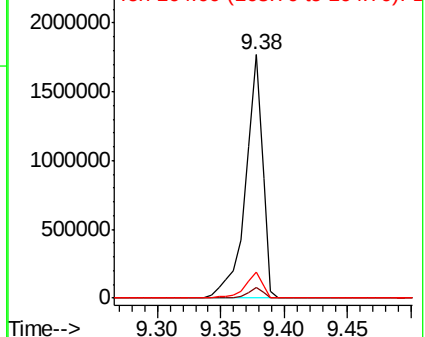
163 100

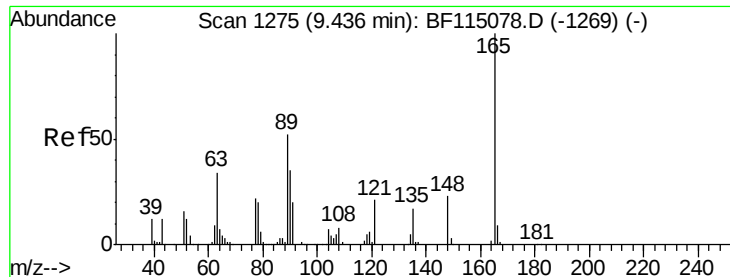
194 4.2 3.2 4.8

164 10.7 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: 43.041 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

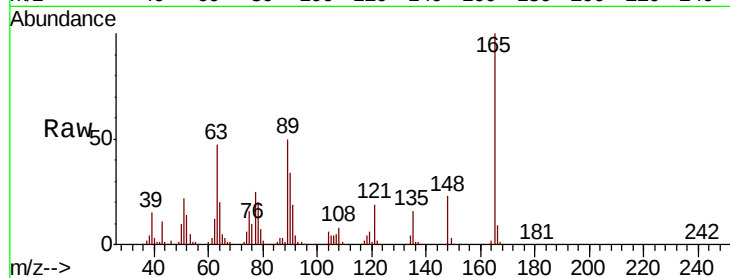
Tgt Ion:165 Resp: 395594

Ion Ratio Lower Upper

165 100

63 47.3 39.4 59.2

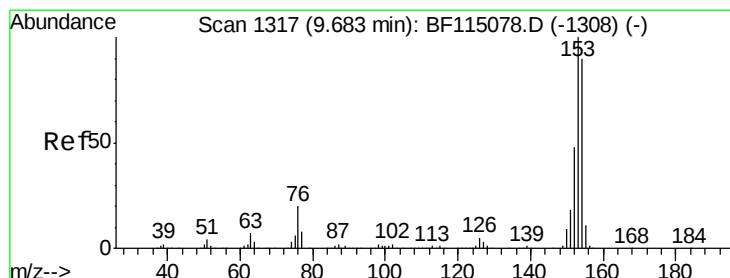
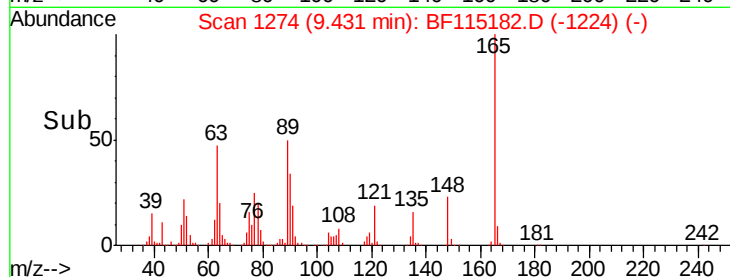
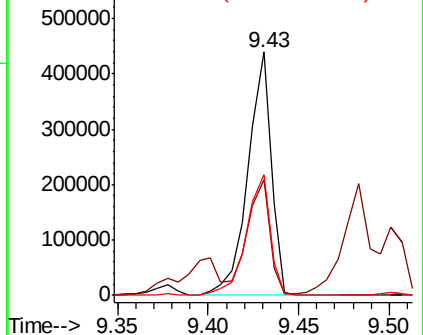
89 49.6 42.0 63.0



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: 40.761 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

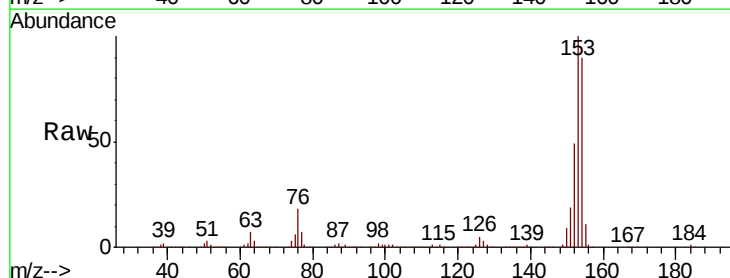
Tgt Ion:154 Resp: 1395650

Ion Ratio Lower Upper

154 100

153 111.5 88.7 133.1

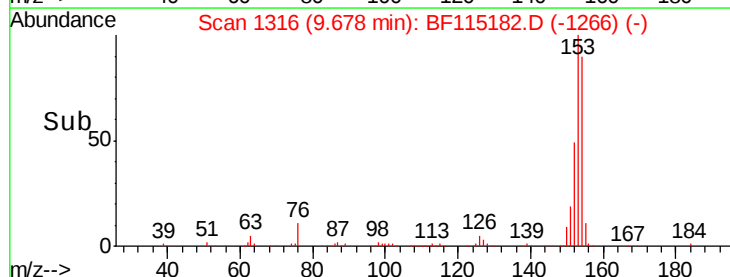
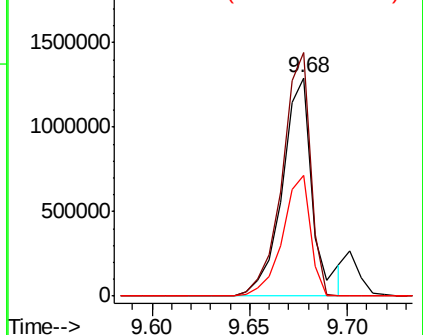
152 55.1 42.6 64.0

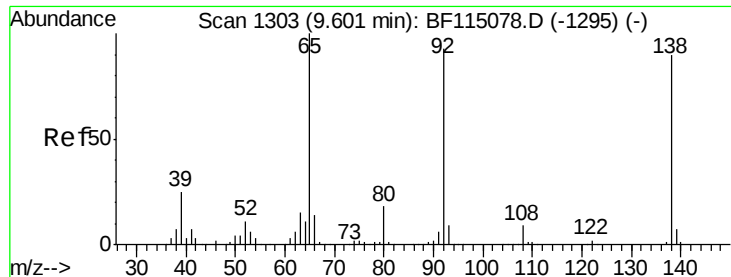


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

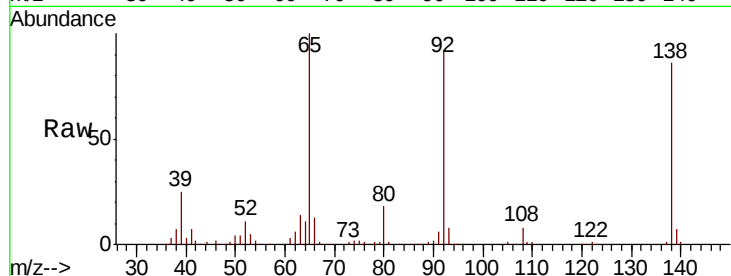




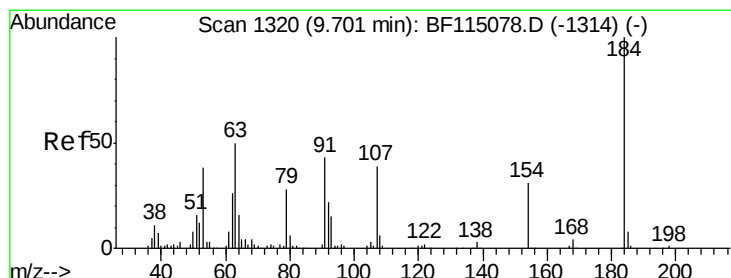
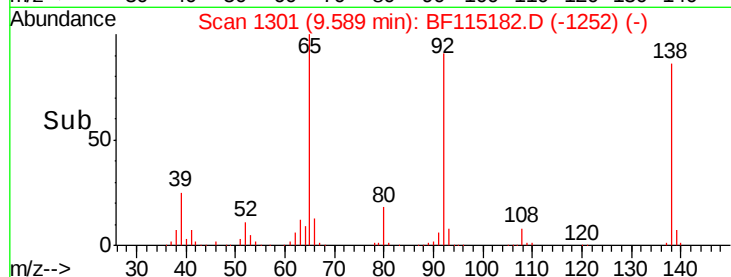
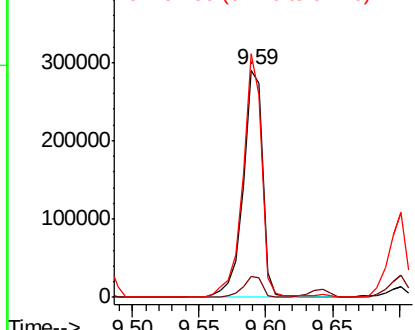
#53
 3-Nitroaniline
 Concen: 26.055 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:138 Resp: 292234
 Ion Ratio Lower Upper
 138 100
 108 9.2 7.8 11.6
 92 107.2 82.9 124.3

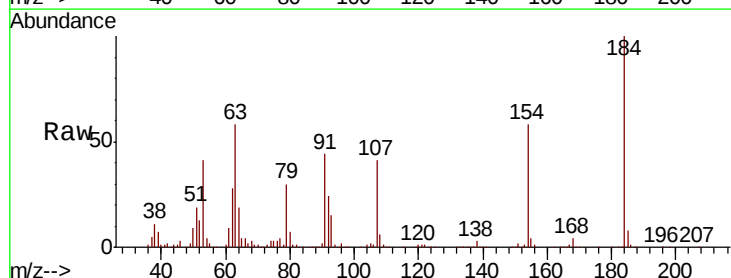


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

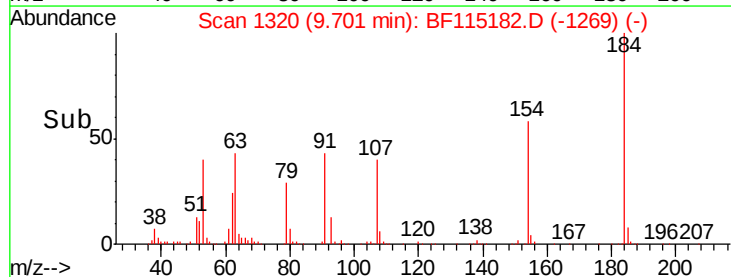
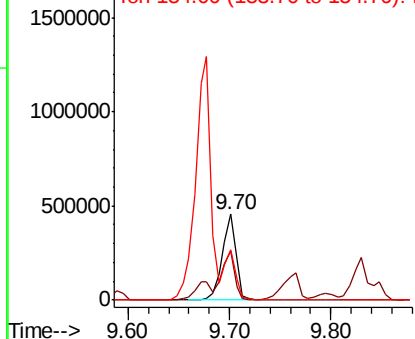


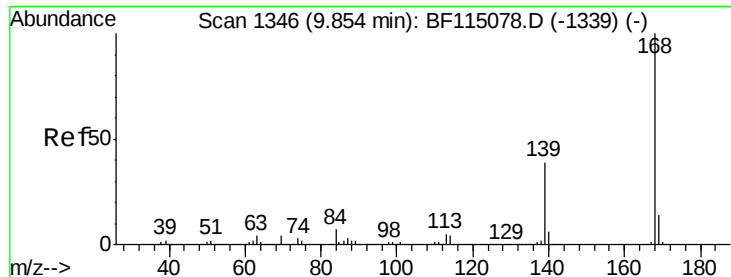
#54
 2,4-Dinitrophenol
 Concen: 89.212 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:184 Resp: 426329
 Ion Ratio Lower Upper
 184 100
 63 57.7 41.9 62.9
 154 58.0 44.7 67.1



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

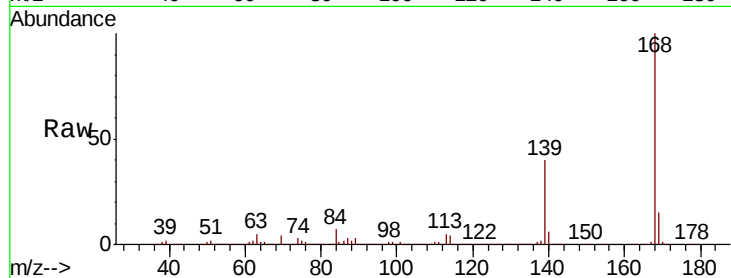




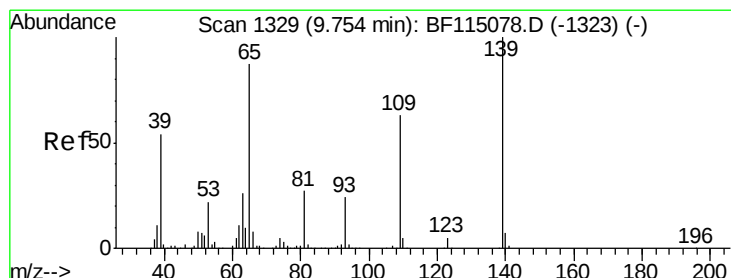
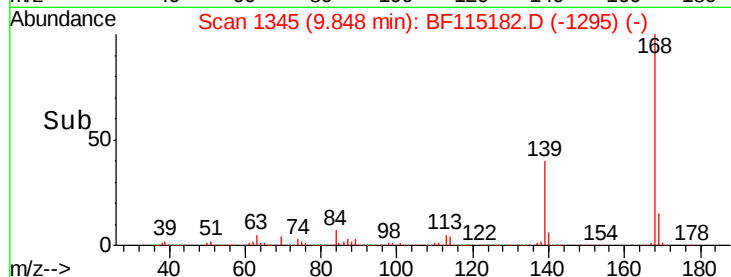
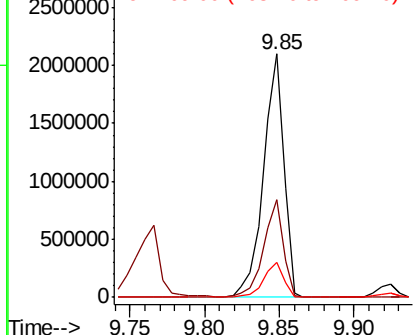
#55
Dibenzofuran
Concen: 39.896 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion:168 Resp: 1960649
Ion Ratio Lower Upper
168 100
139 40.0 31.1 46.7
169 14.6 11.3 16.9

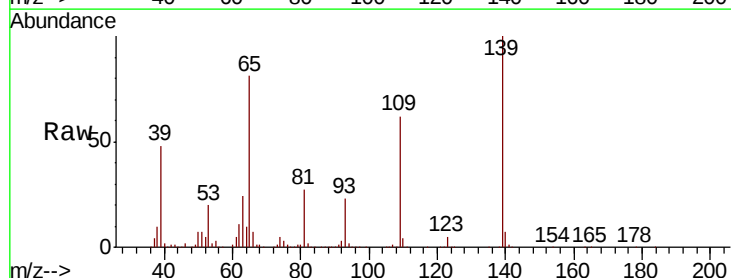


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

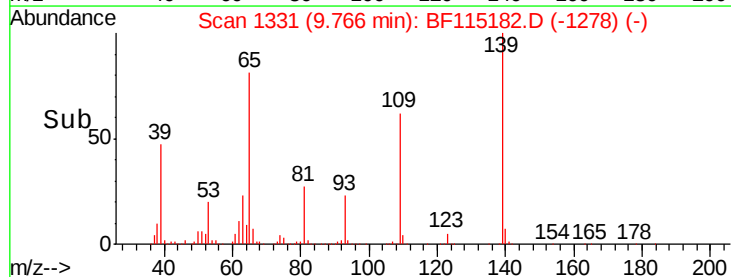
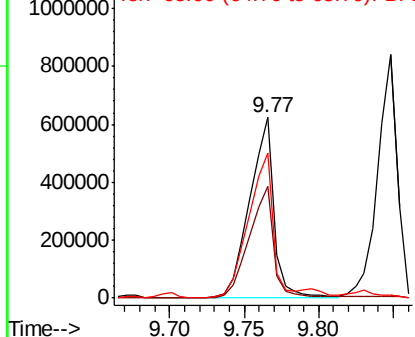


#56
4-Nitrophenol
Concen: 78.851 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:139 Resp: 709025
Ion Ratio Lower Upper
139 100
109 62.2 43.0 83.0
65 80.6 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

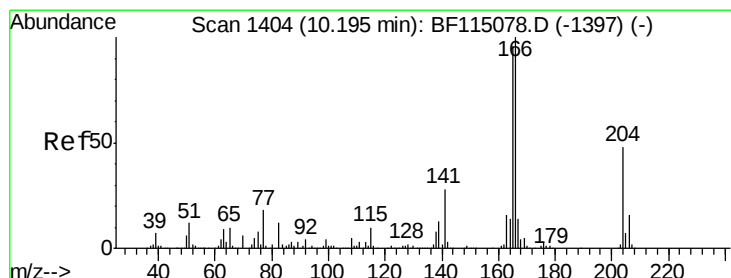
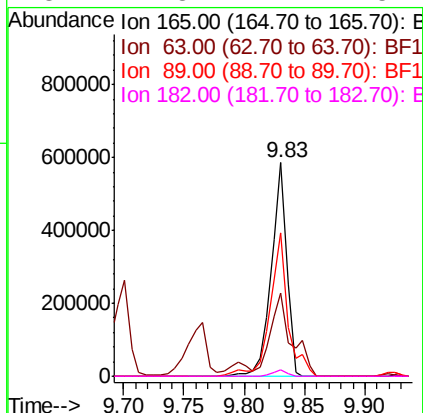
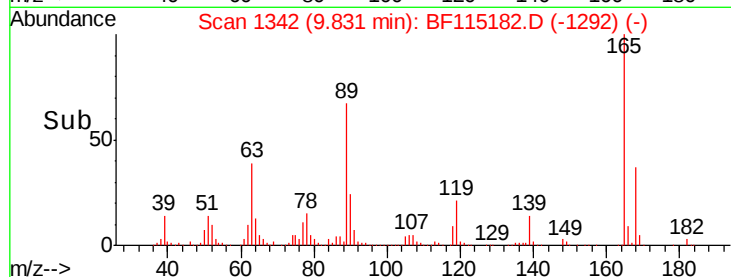
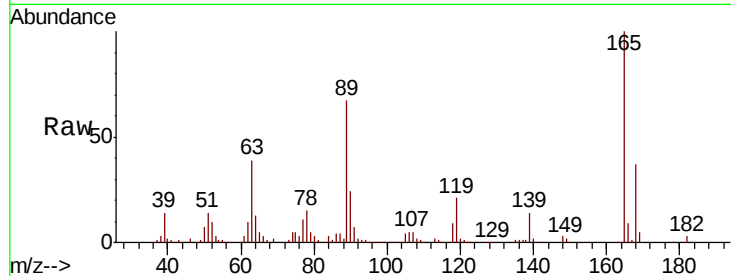




#57
 2,4-Dinitrotoluene
 Concen: 43.775 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

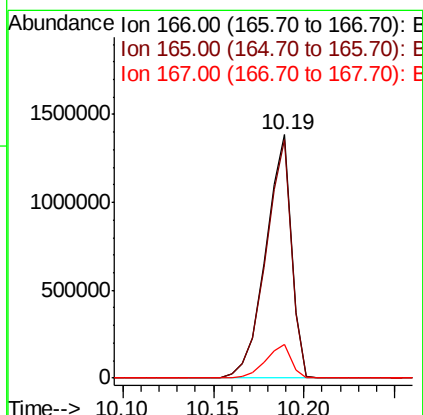
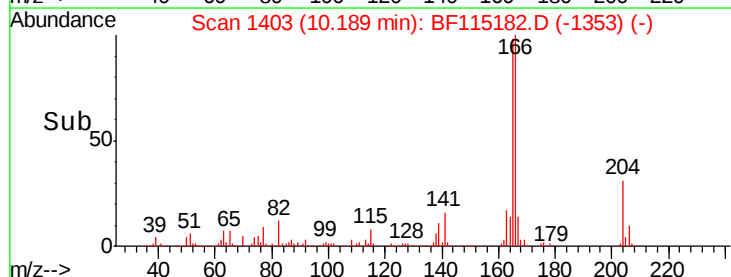
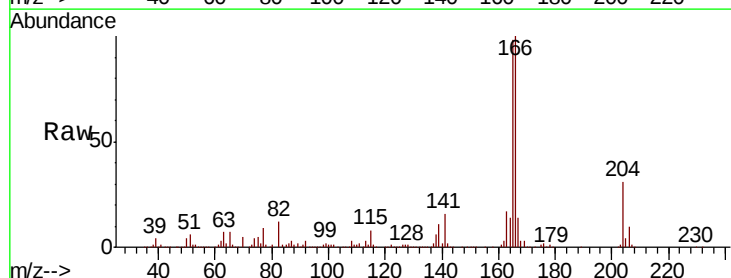
Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

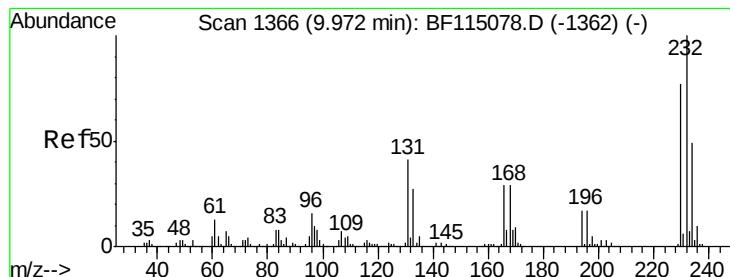
Tgt Ion:	165	Resp:	519507
Ion	Ratio	Lower	Upper
165	100		
63	39.1	27.5	41.3
89	66.9	49.9	74.9
182	2.8	2.1	3.1



#58
 Fluorene
 Concen: 41.192 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:	166	Resp:	1366020
Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.5	114.7
167	13.9	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.940 ng

RT: 9.97 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tgt Ion:232 Resp: 458118

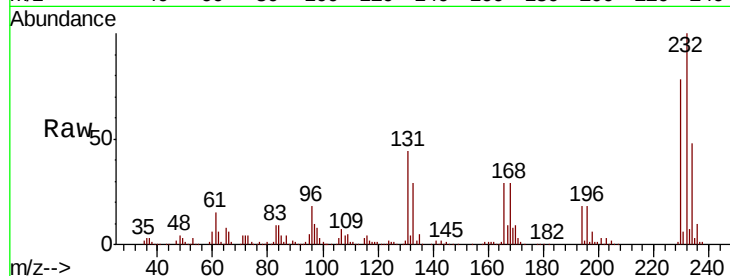
Ion Ratio Lower Upper

232 100

131 44.4 37.4 56.0

130 2.0 1.8 2.6

166 29.4 24.6 36.8

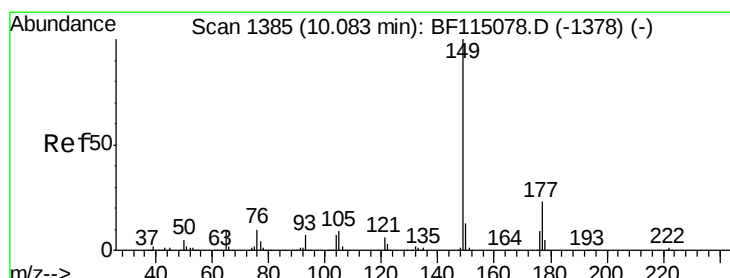
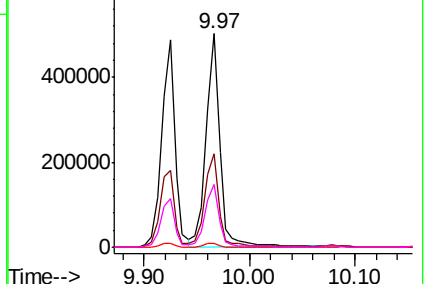
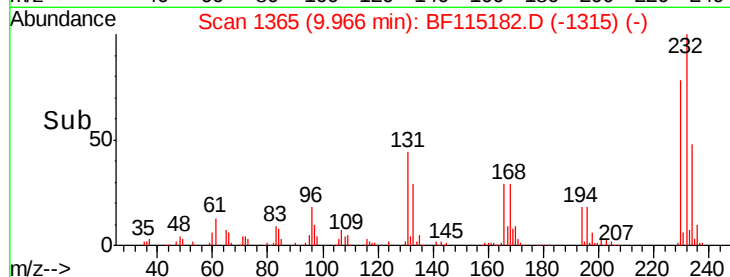


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.406 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

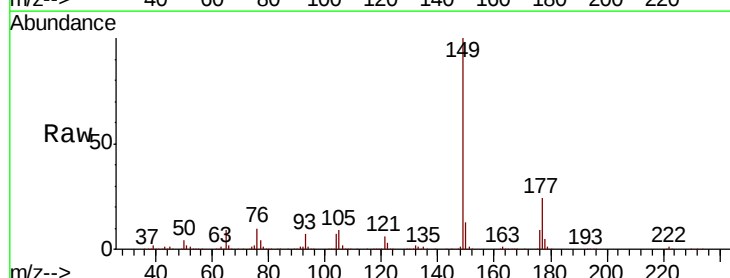
Tgt Ion:149 Resp: 1616991

Ion Ratio Lower Upper

149 100

177 24.0 18.7 28.1

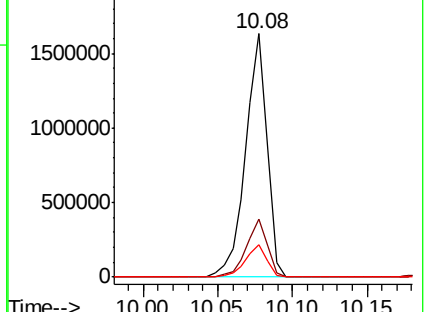
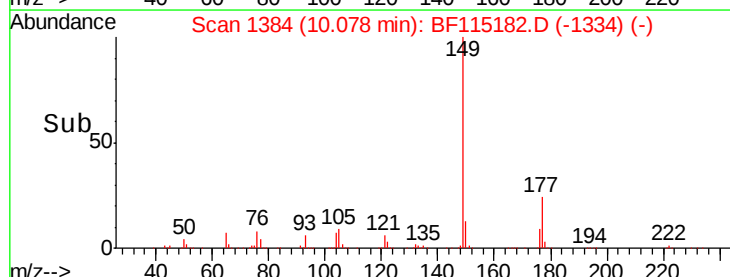
150 13.3 10.4 15.6

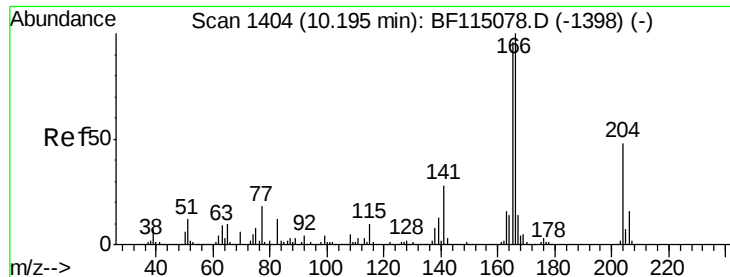


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

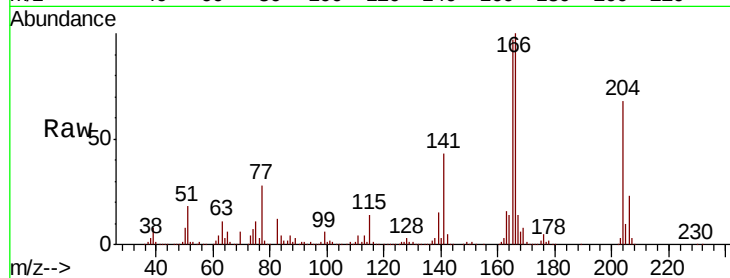




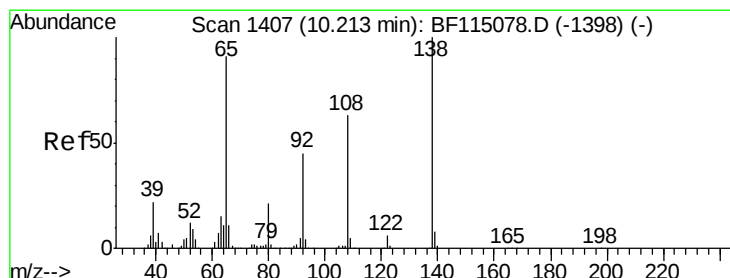
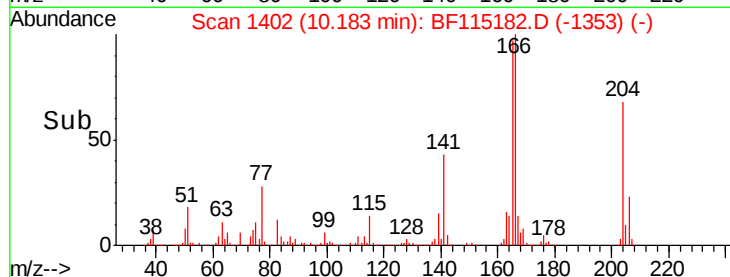
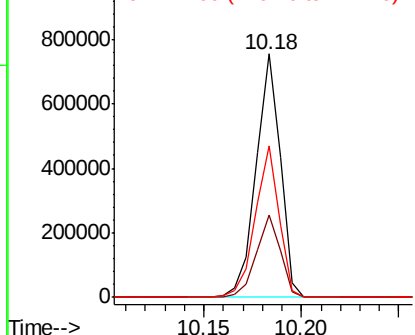
#61
4-Chlorophenyl-phenylether
Concen: 41.505 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion:204 Resp: 653578
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 62.4 46.7 70.1

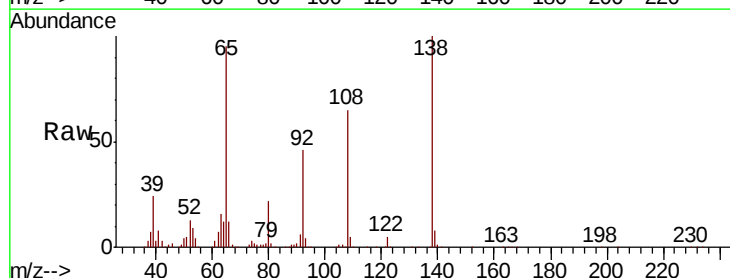


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

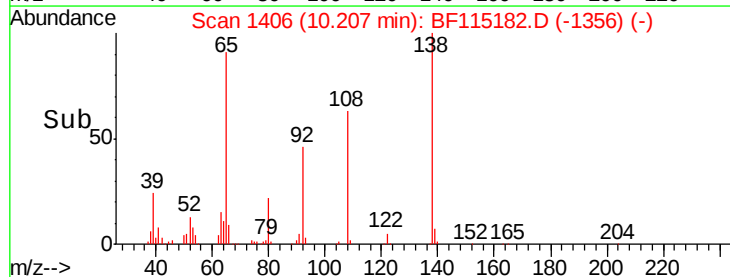
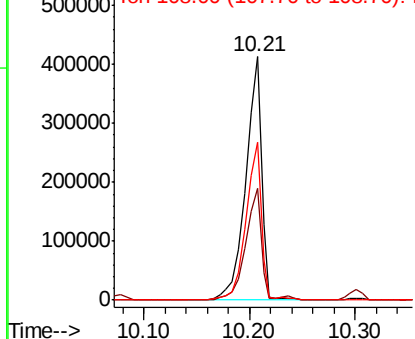


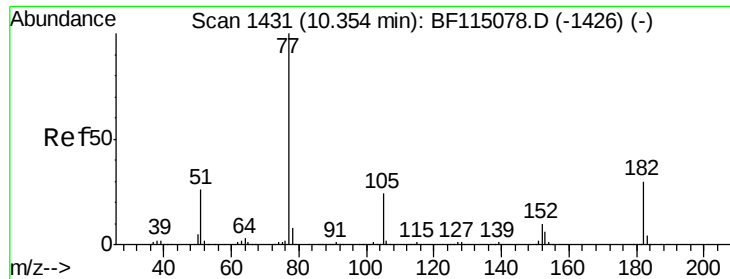
#62
4-Nitroaniline
Concen: 38.087 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:138 Resp: 428559
Ion Ratio Lower Upper
138 100
92 46.0 24.8 64.8
108 64.6 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: 39.961 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tgt Ion: 77 Resp: 1493683

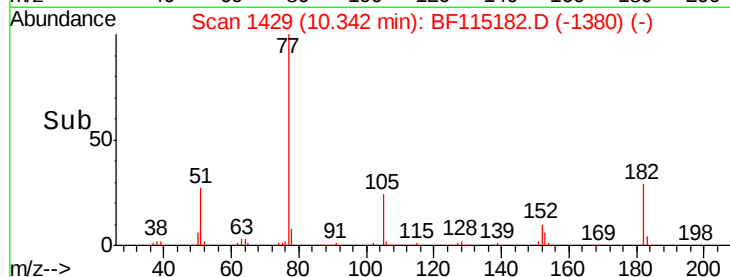
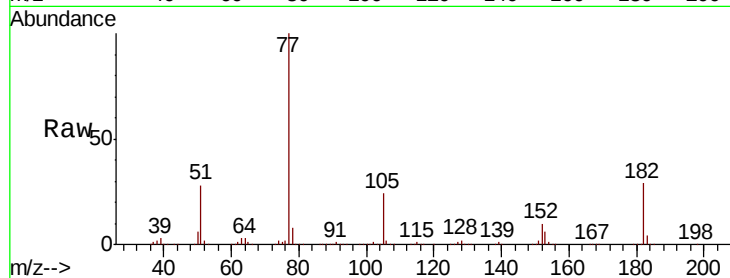
Ion Ratio Lower Upper

77 100

182 28.7 10.1 50.1

105 24.2 4.5 44.5

51 27.5 6.4 46.4

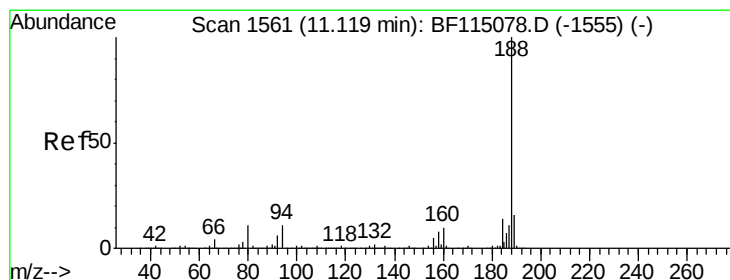
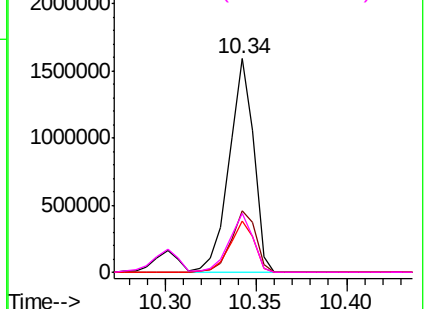


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF115182.D

Acq: 25 Jun 2019 12:14

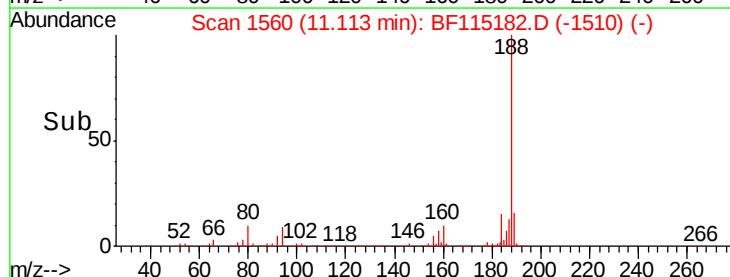
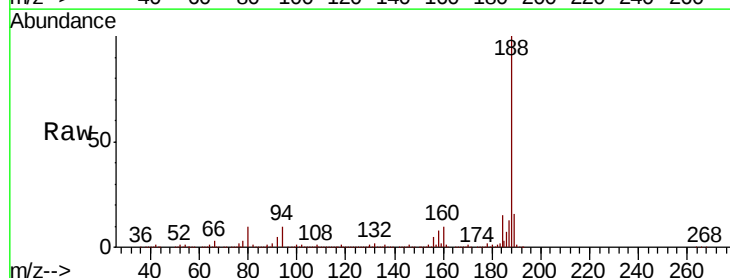
Tgt Ion: 188 Resp: 1044704

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

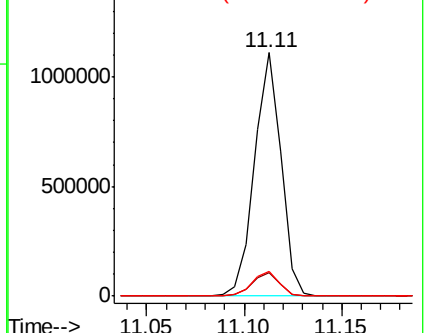
80 10.1 8.8 13.2

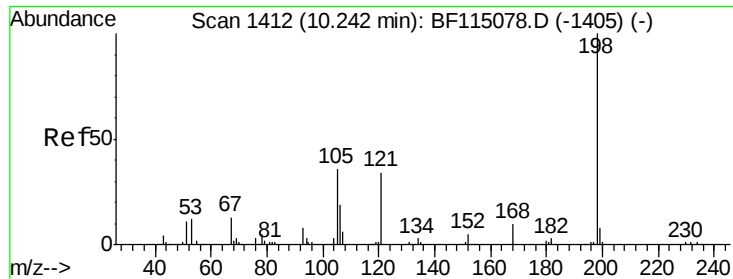


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

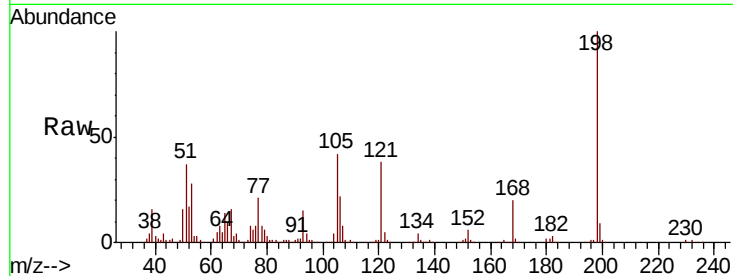




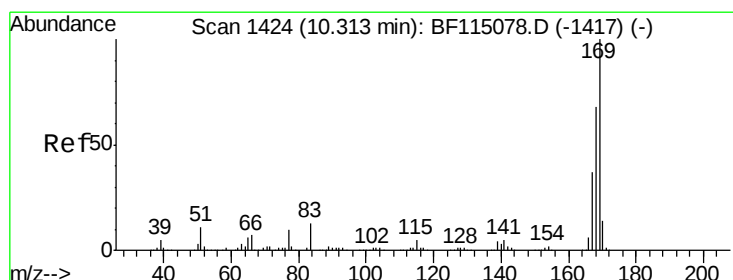
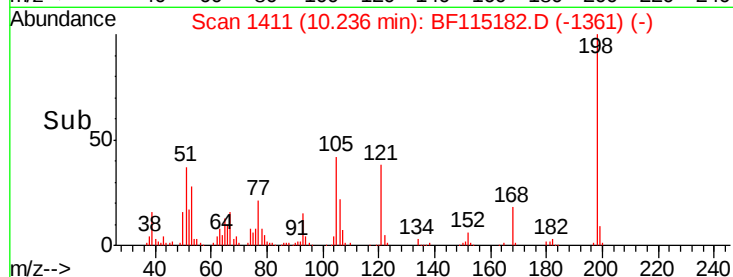
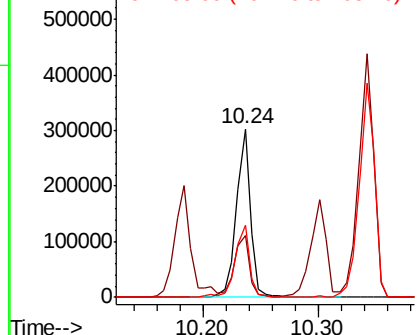
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.358 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:198 Resp: 256639
 Ion Ratio Lower Upper
 198 100
 51 36.6 11.0 51.0
 105 42.4 17.3 57.3

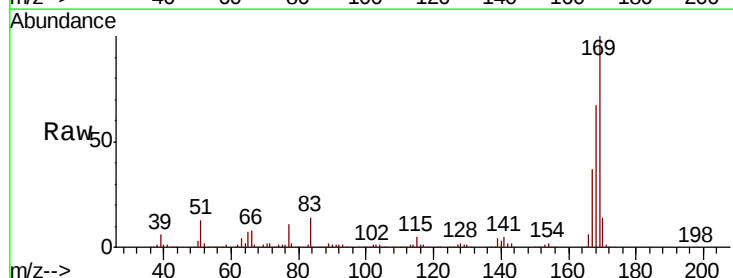


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

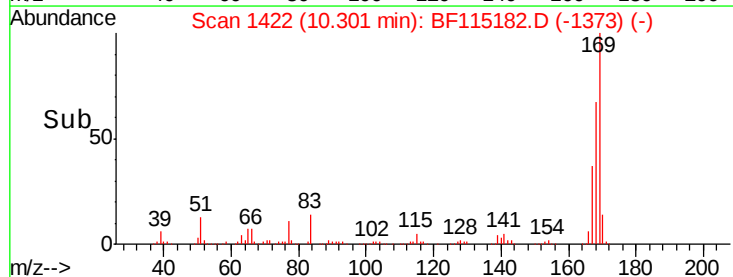
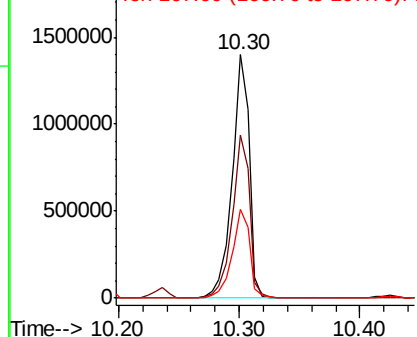


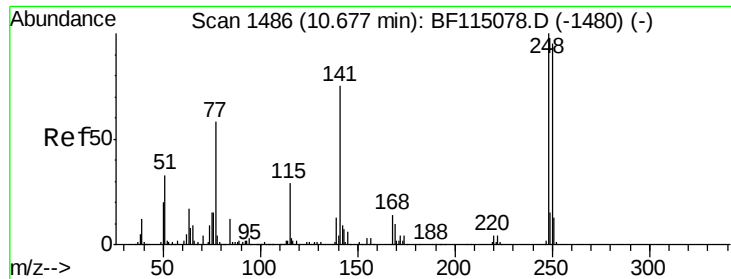
#66
 n-Nitrosodiphenylamine
 Concen: 42.070 ng
 RT: 10.30 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:169 Resp: 1369277
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.2 81.4
 167 36.6 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

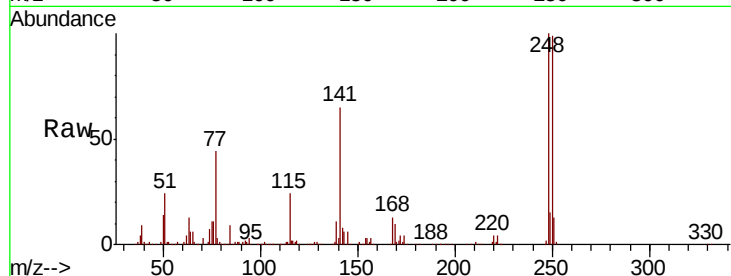




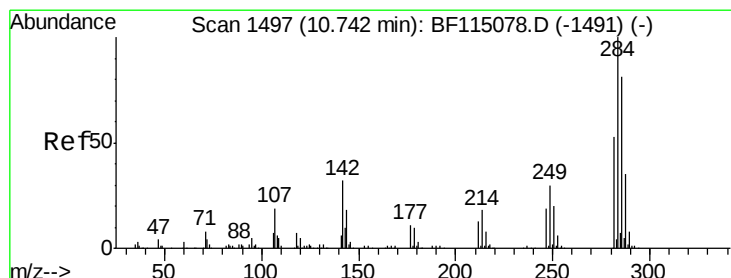
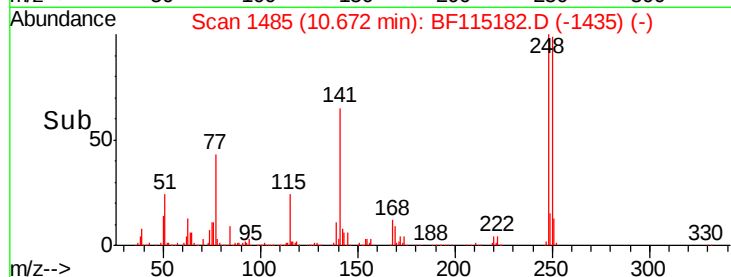
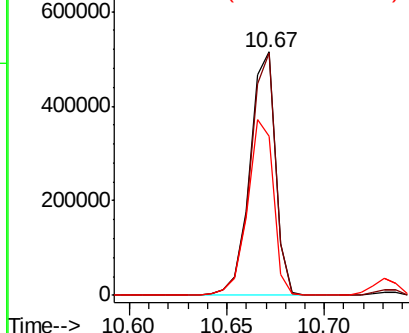
#67
 4-Bromophenyl-phenylether
 Concen: 41.413 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion:248 Resp: 469078
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.2 114.2
 141 65.3 59.6 89.4

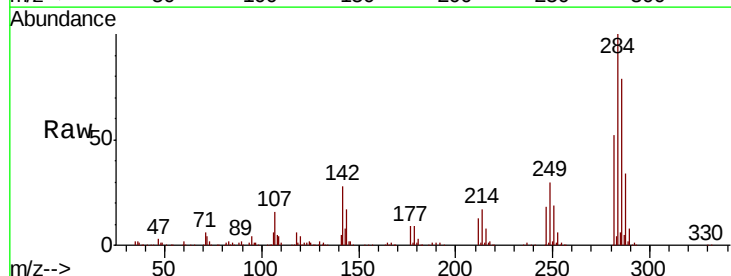


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

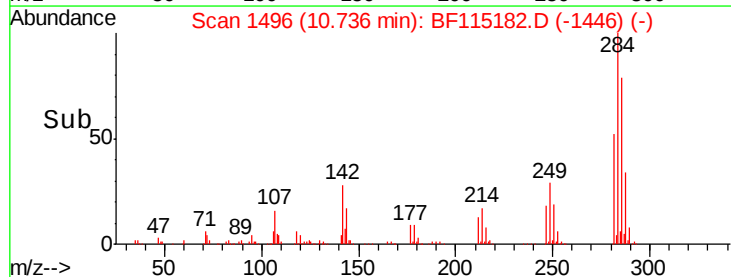
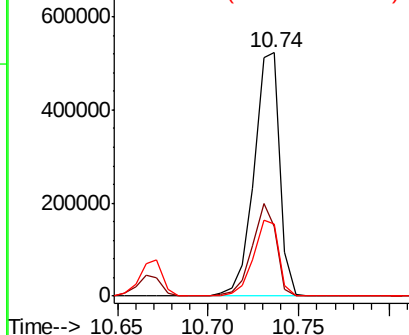


#68
 Hexachlorobenzene
 Concen: 41.880 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:284 Resp: 514892
 Ion Ratio Lower Upper
 284 100
 142 28.3 25.8 38.8
 249 29.5 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: 41.507 ng

RT: 10.83 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

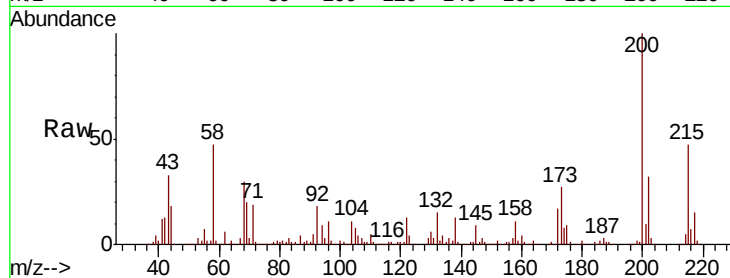
Tgt Ion:200 Resp: 434572

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

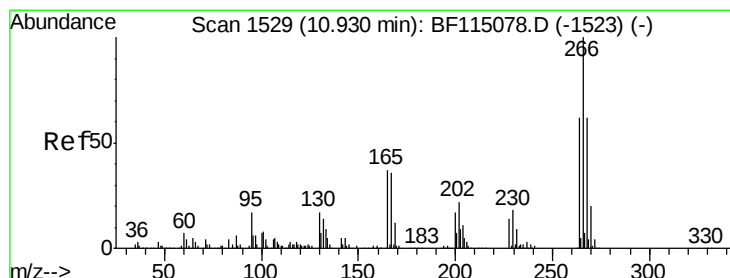
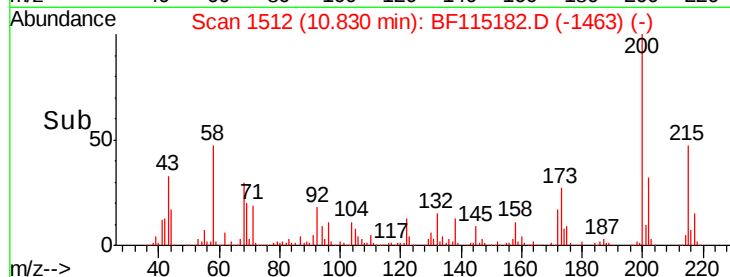
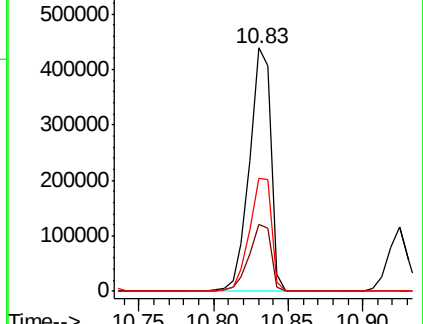
215 46.5 27.8 67.8



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: 80.743 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

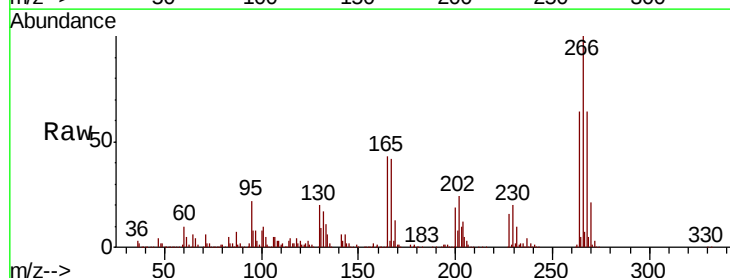
Tgt Ion:266 Resp: 632414

Ion Ratio Lower Upper

266 100

268 63.9 49.5 74.3

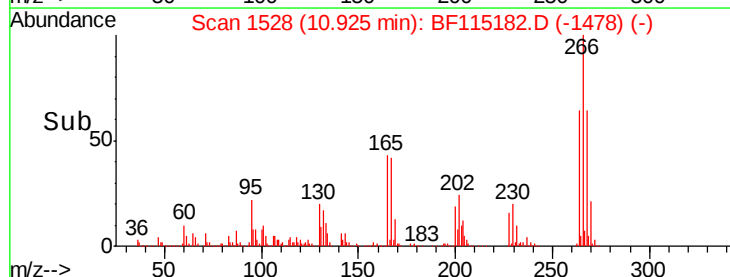
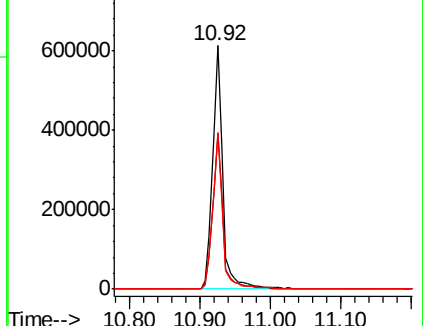
264 64.1 49.3 73.9

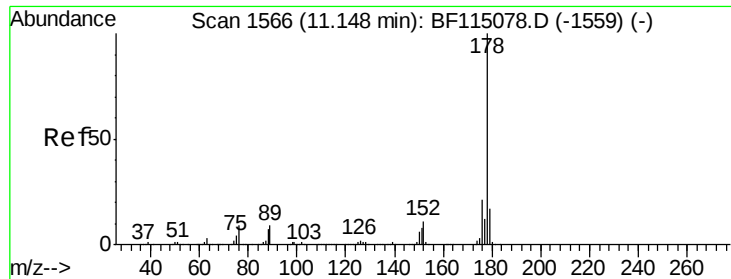


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

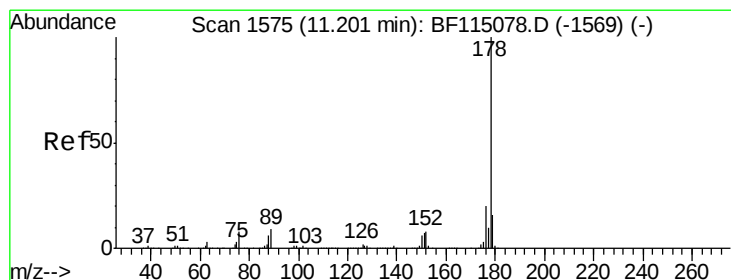
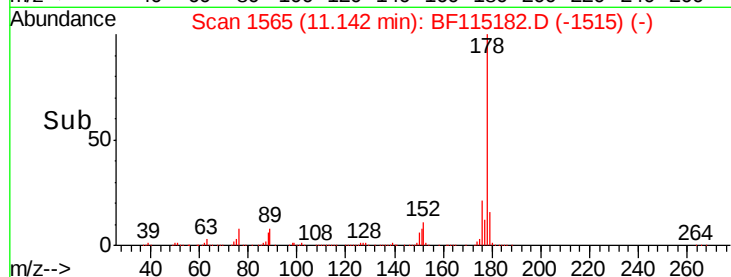
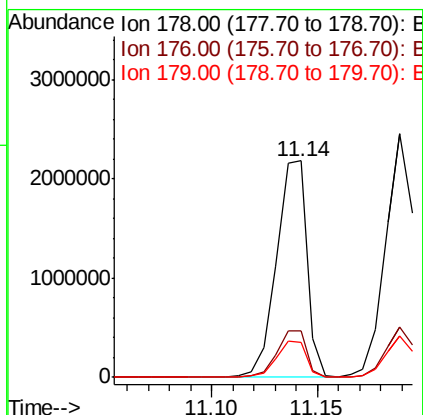
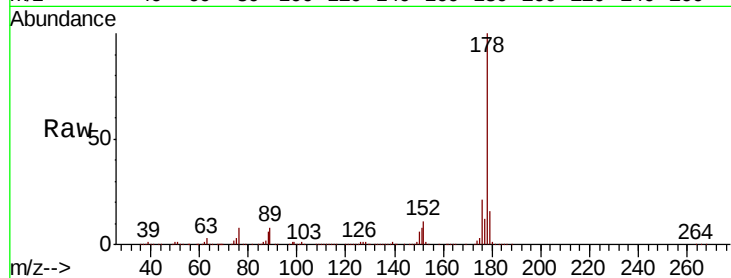




#71
Phenanthrene
Concen: 39.223 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

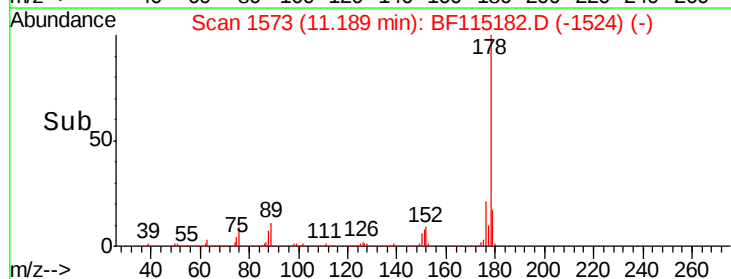
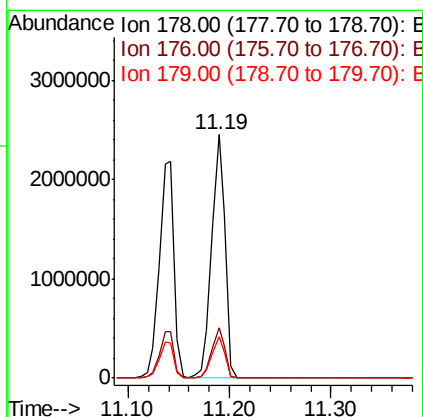
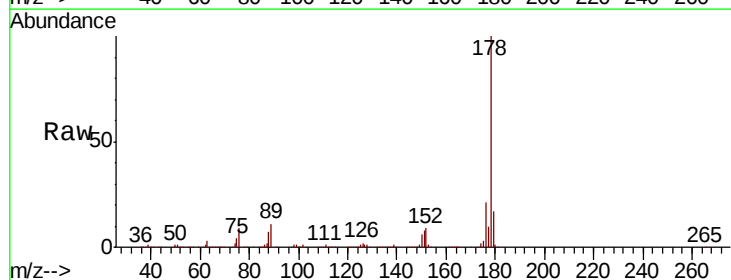
Instrument :
BNA_F
ClientSampleId :
PB120870BS

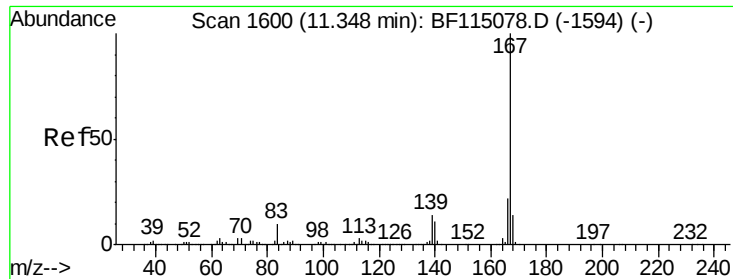
Tgt Ion:178 Resp: 2206237
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.3 13.2 19.8



#72
Anthracene
Concen: 39.940 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:178 Resp: 2267772
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.0 12.9 19.3

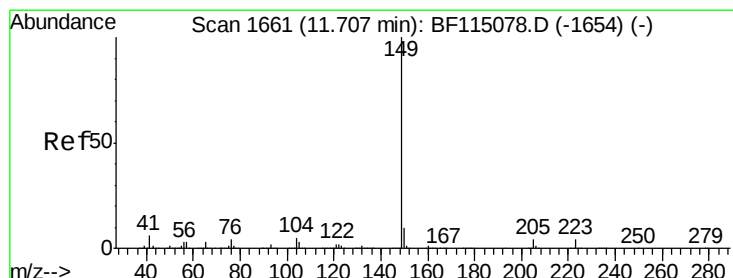
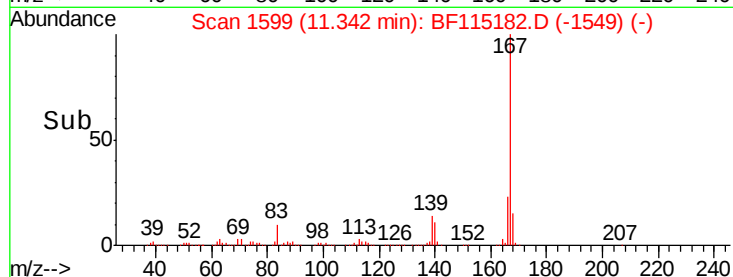
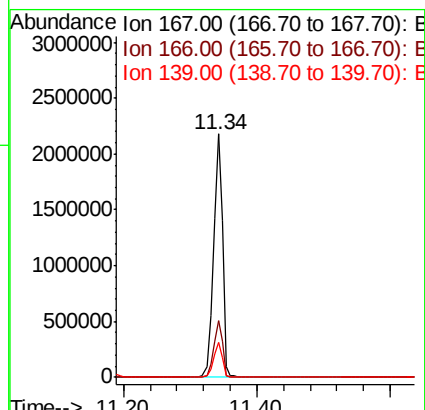
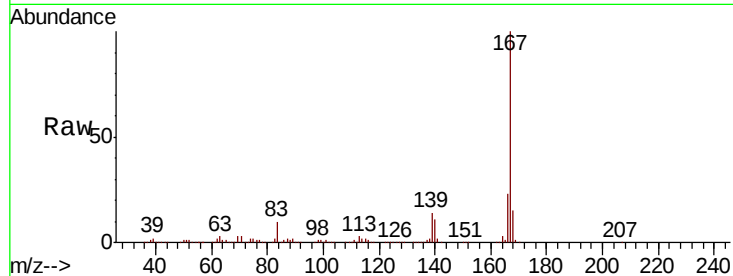




#73
 Carbazole
 Concen: 40.798 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

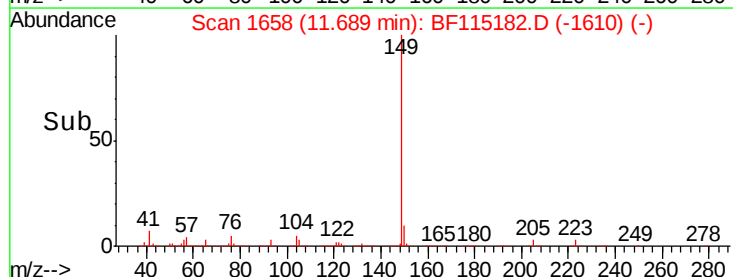
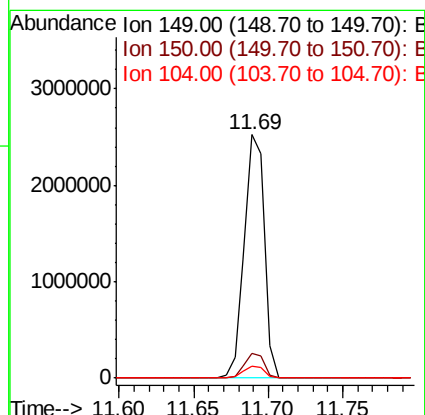
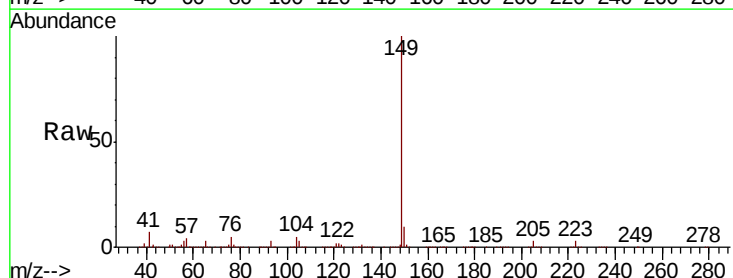
Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

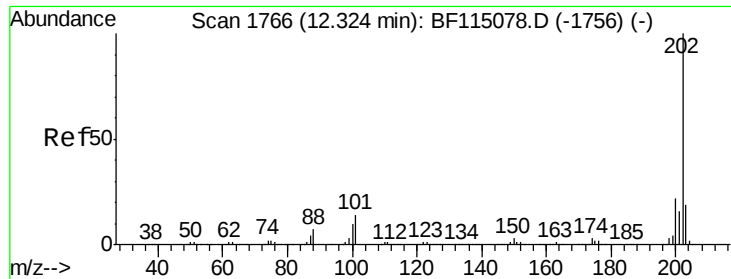
Tgt Ion:167 Resp: 2068497
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.325 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:149 Resp: 2362548
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.8 11.8
 104 5.2 3.7 5.5

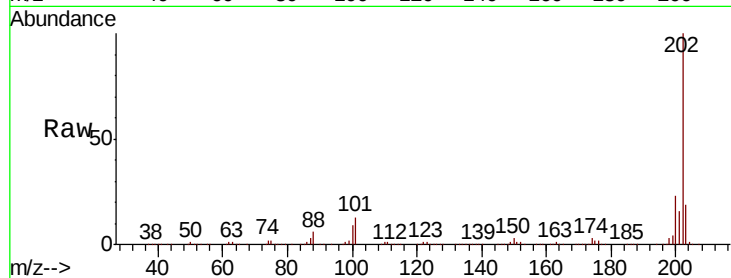




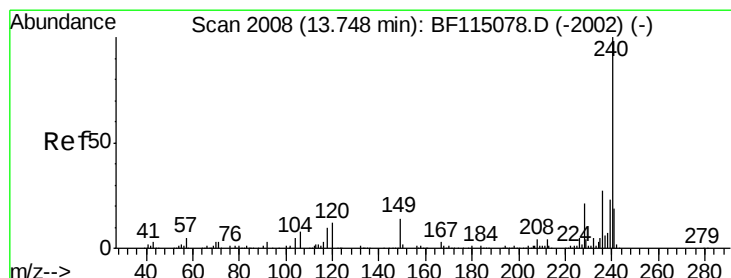
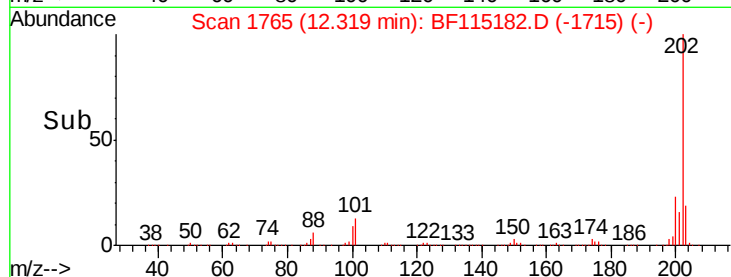
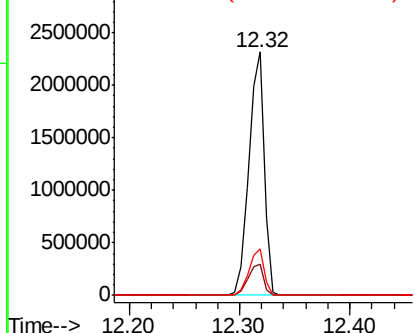
#75
 Fluoranthene
 Concen: 40.446 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tgt Ion: 202 Resp: 2269868
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 34.0
 203 19.0 0.0 38.8

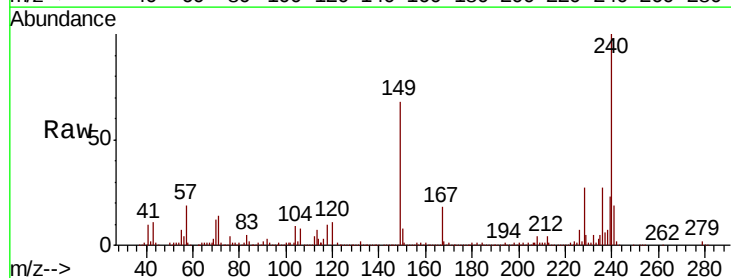


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

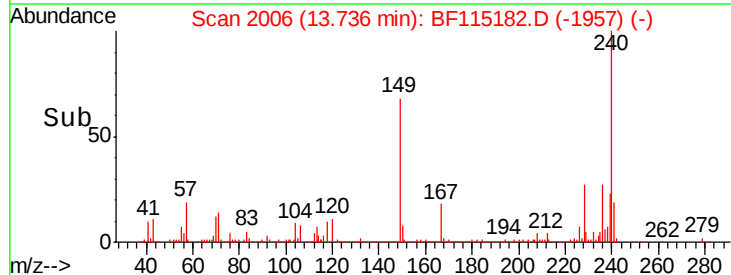
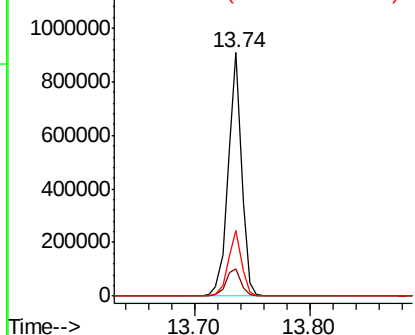


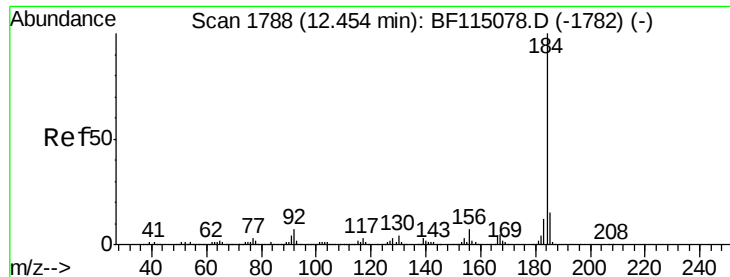
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion: 240 Resp: 729122
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.4 14.2
 236 26.9 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: 23.980 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

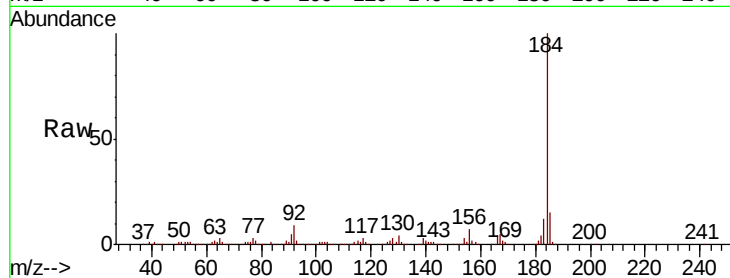
Tgt Ion:184 Resp: 776386

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

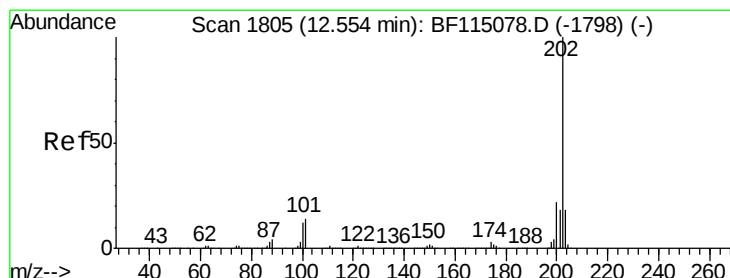
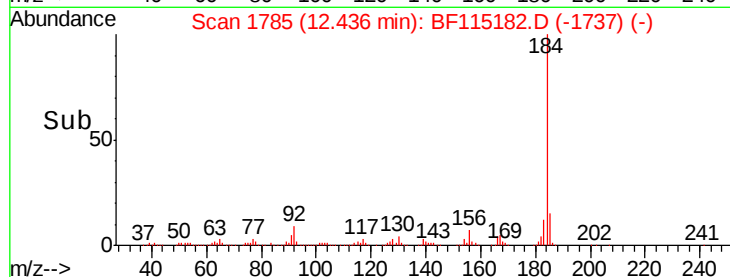
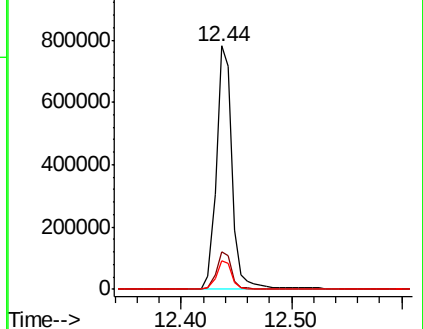
183 11.7 9.6 14.4



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: 41.164 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

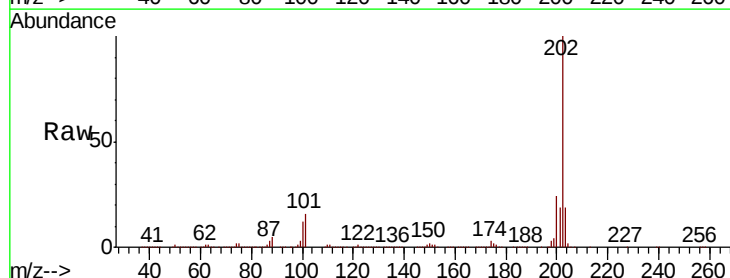
Tgt Ion:202 Resp: 2306574

Ion Ratio Lower Upper

202 100

200 23.5 17.9 26.9

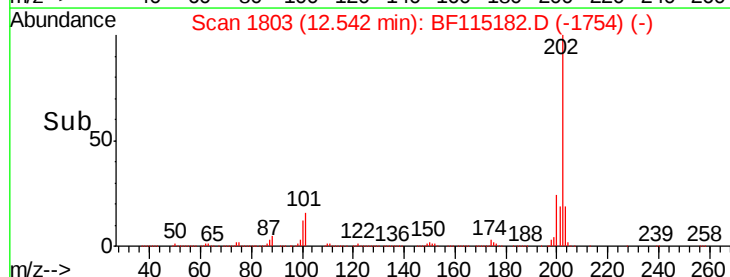
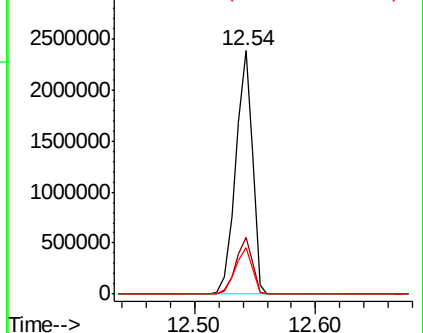
203 19.1 14.6 21.8



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: 81.368 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

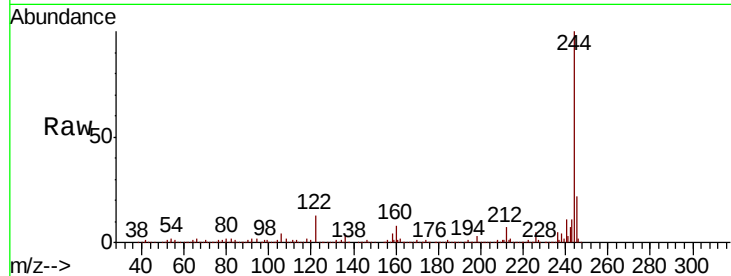
Tgt Ion:244 Resp: 2790335

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

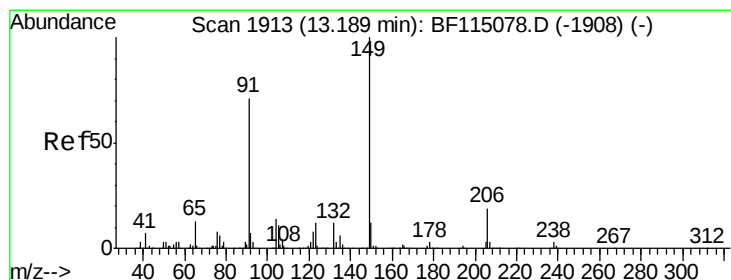
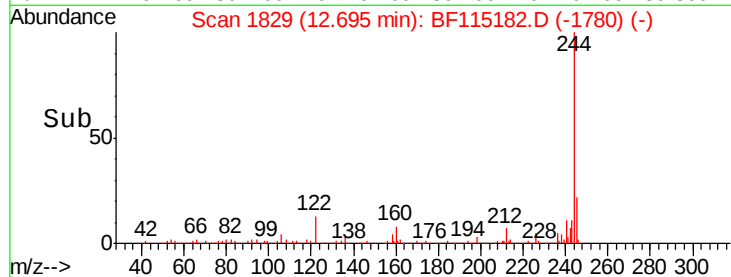
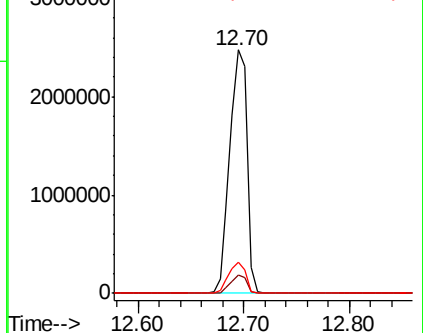
122 12.8 10.4 15.6



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: 43.277 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

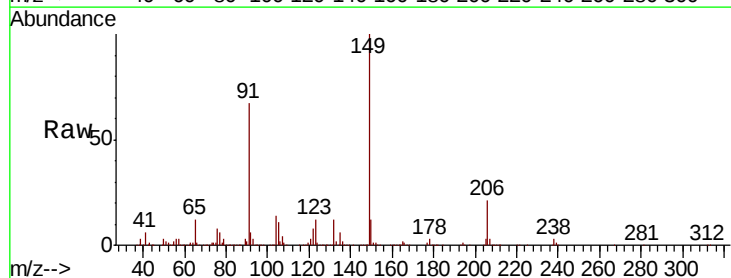
Tgt Ion:149 Resp: 1070158

Ion Ratio Lower Upper

149 100

91 67.0 56.5 84.7

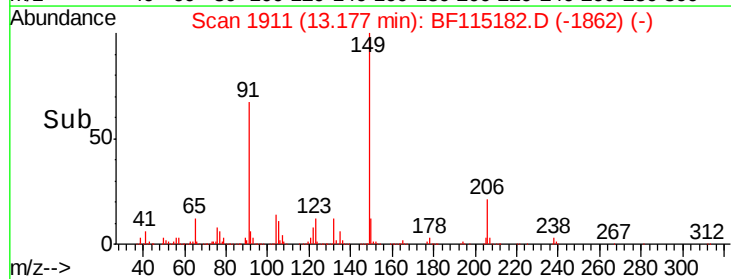
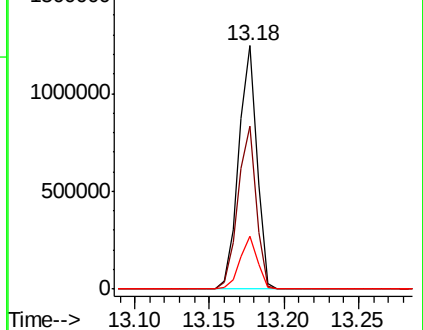
206 21.5 15.3 22.9



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: 40.685 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

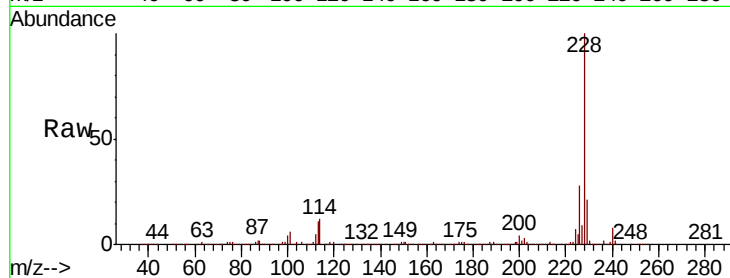
Tgt Ion:228 Resp: 2128501

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

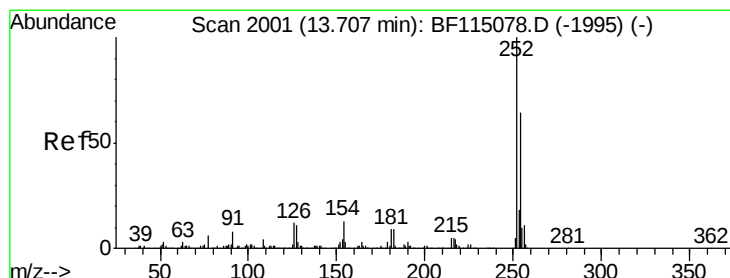
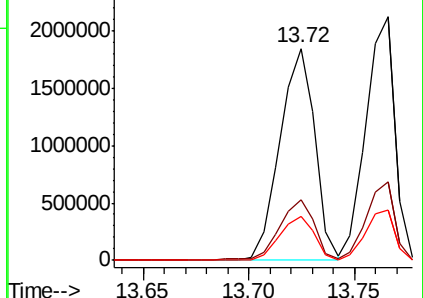
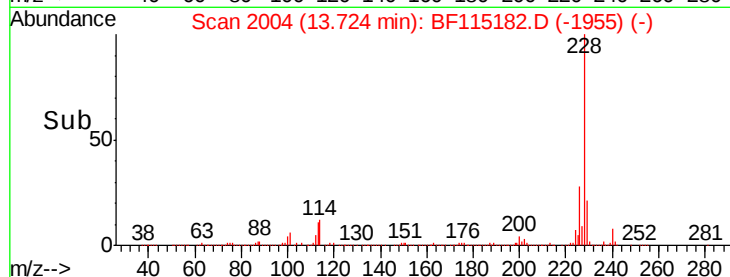
229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.693 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

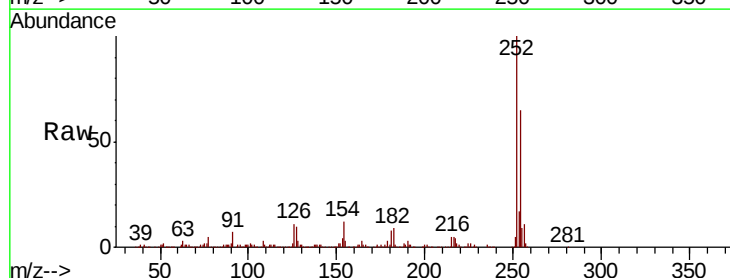
Tgt Ion:252 Resp: 674340

Ion Ratio Lower Upper

252 100

254 65.2 51.1 76.7

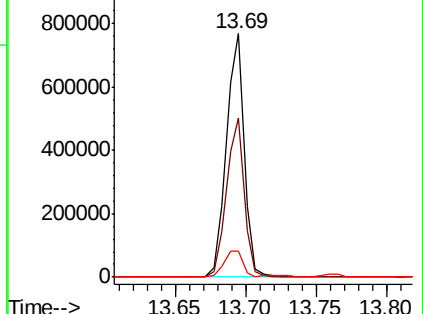
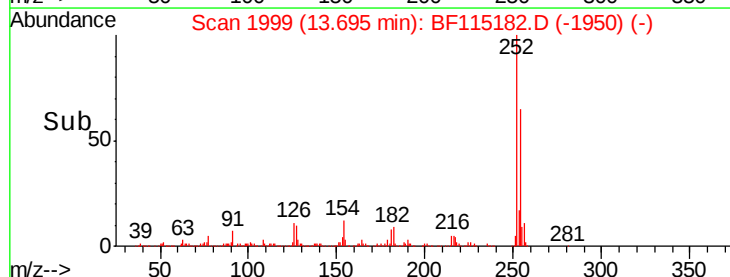
126 10.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.271 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

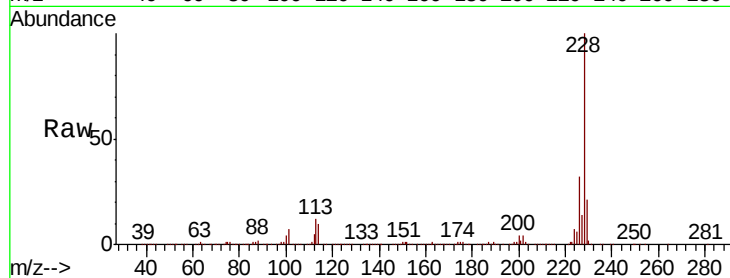
Tgt Ion:228 Resp: 2025751

Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

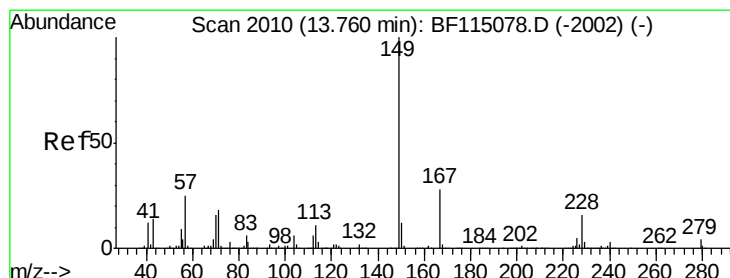
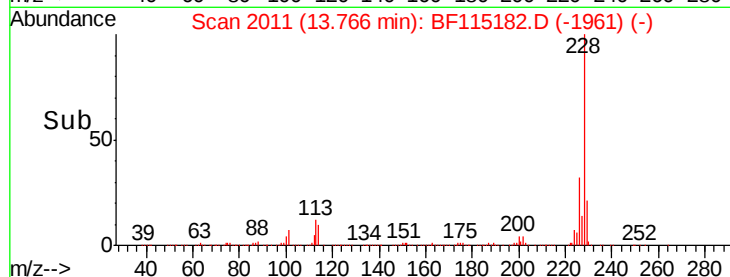
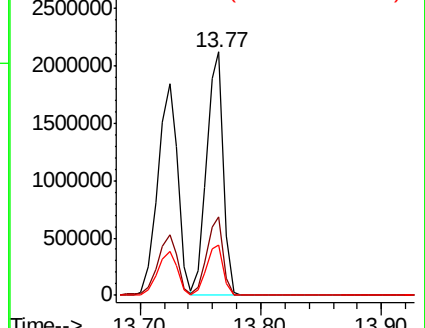
229 20.8 16.5 24.7



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: 42.653 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

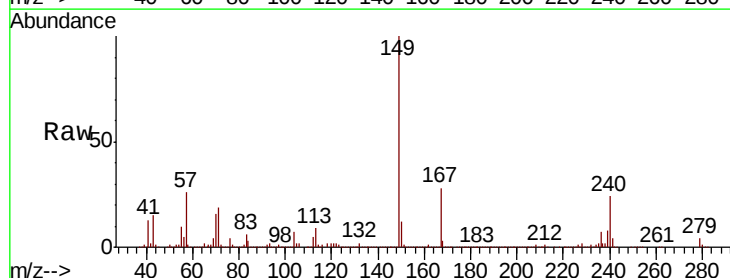
Tgt Ion:149 Resp: 1382032

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

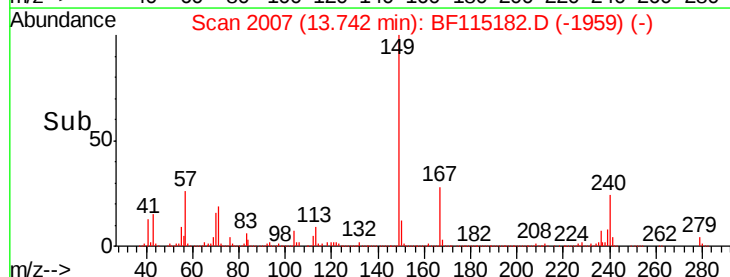
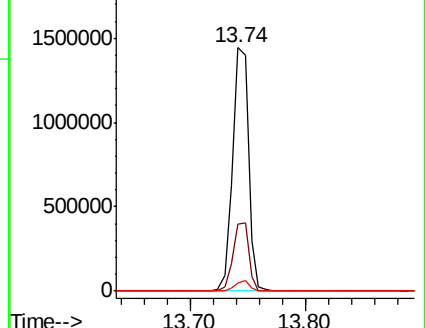
279 3.5 2.9 4.3

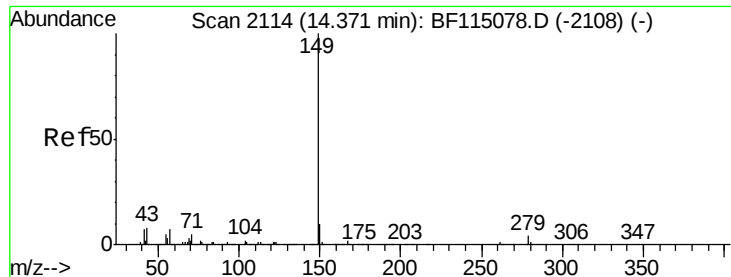


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.263 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

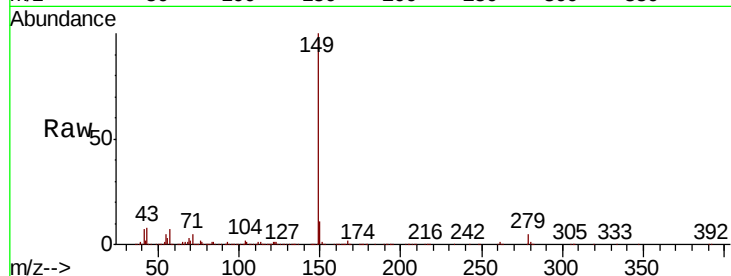
Tgt Ion:149 Resp: 2355242

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

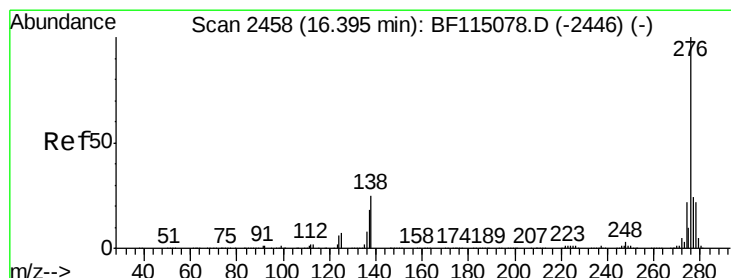
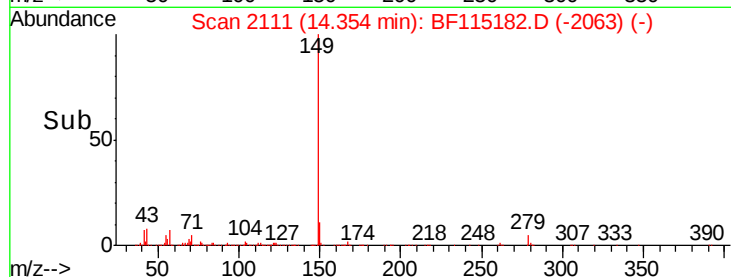
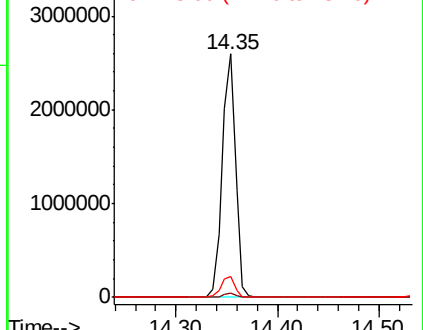
43 8.7 7.0 10.6



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: 42.101 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

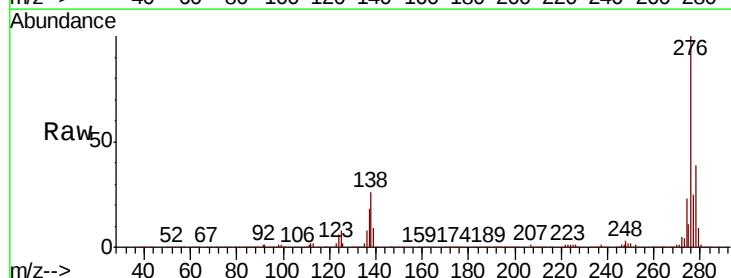
Tgt Ion:276 Resp: 2387453

Ion Ratio Lower Upper

276 100

138 28.4 23.2 34.8

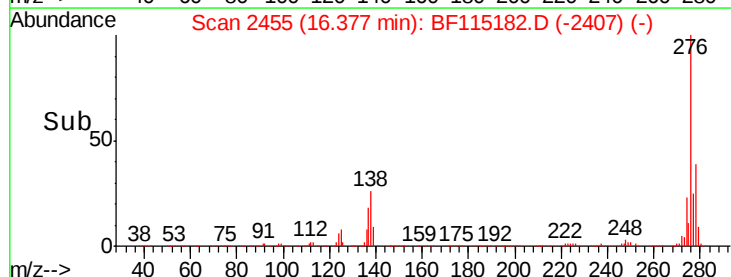
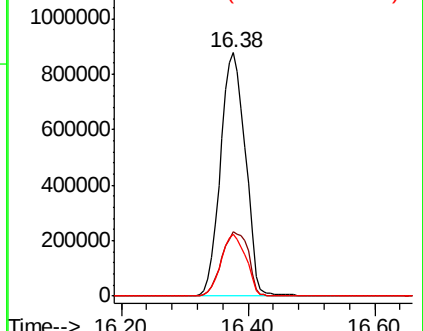
277 25.5 20.1 30.1

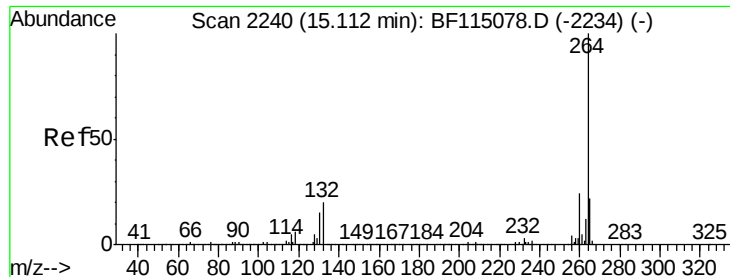


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

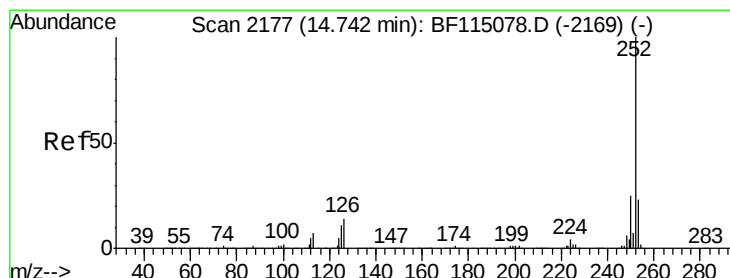
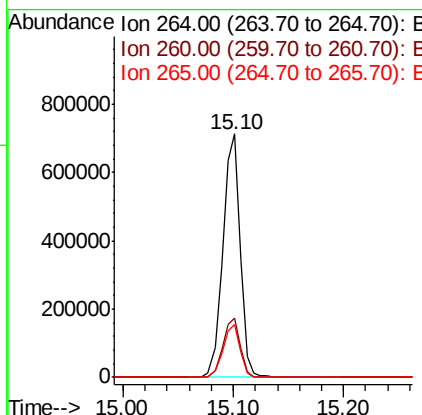
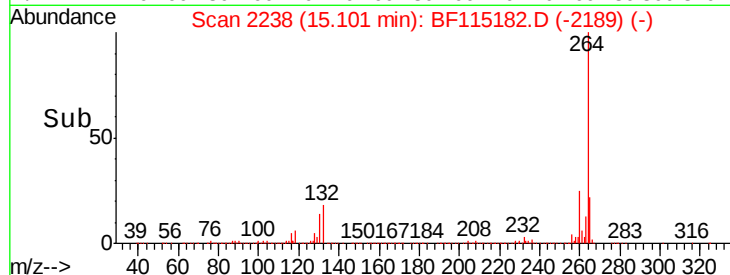
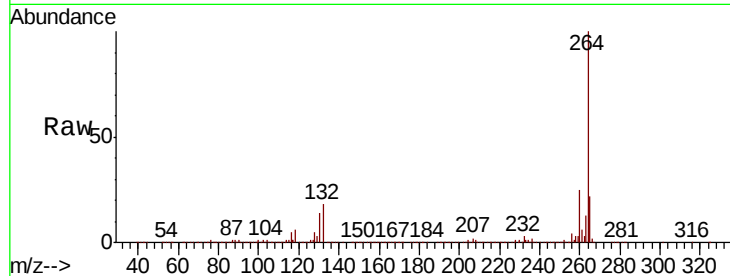




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

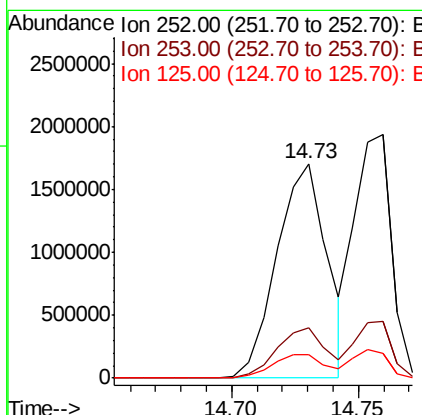
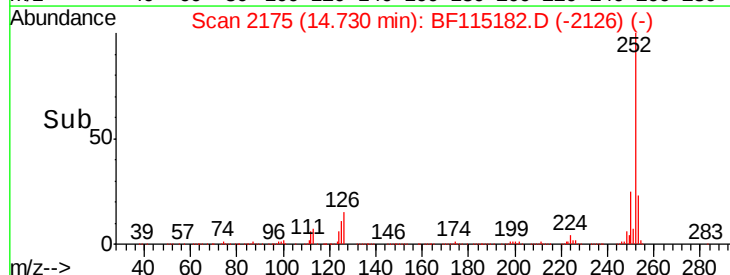
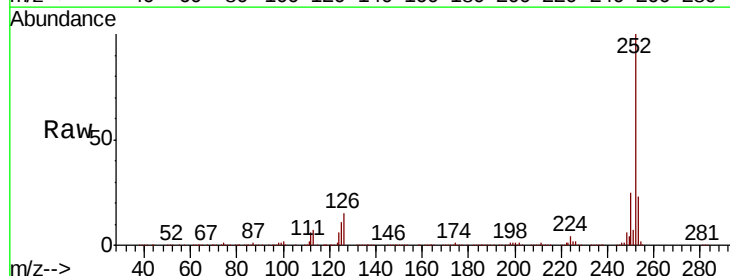
Instrument :
BNA_F
ClientSampleId :
PB120870BS

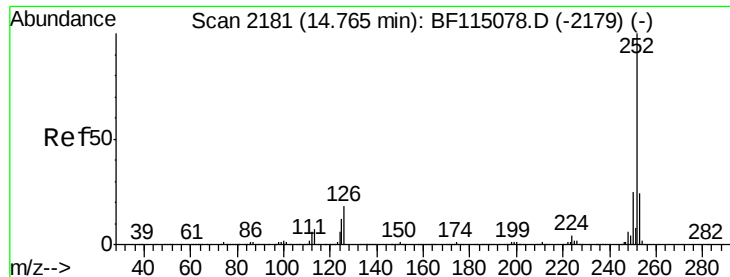
Tgt Ion:	264	Resp:	778641
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.8	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 48.246 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:	252	Resp:	2344025
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.1	8.7	13.1

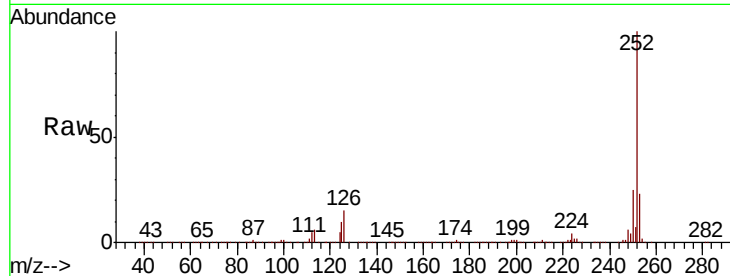




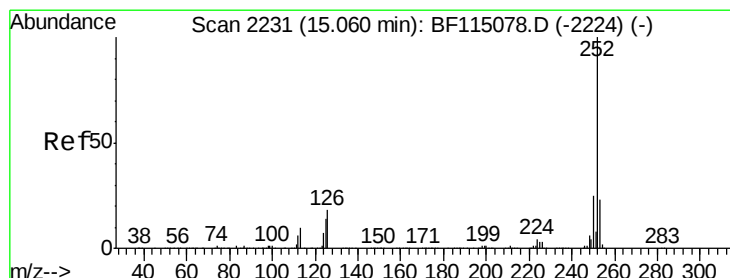
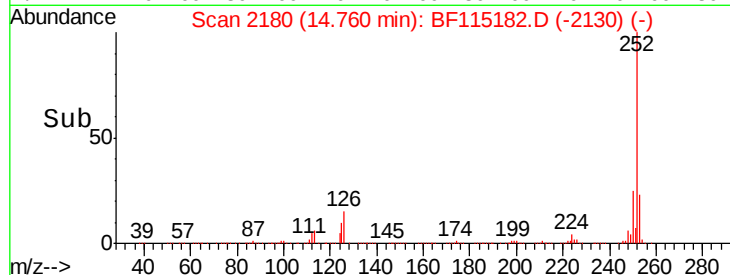
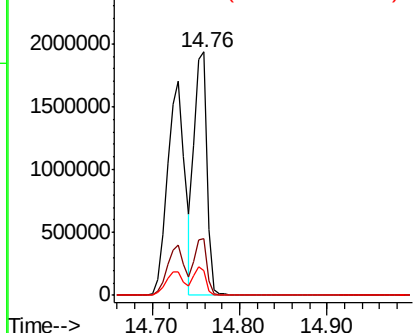
#89
Benzo(k)fluoranthene
Concen: 45.568 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion:252 Resp: 1985392
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 10.2 10.2 15.2

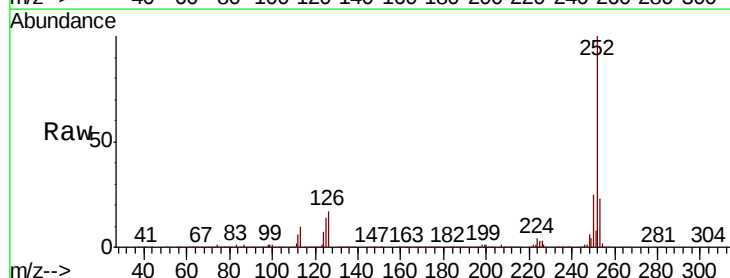


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

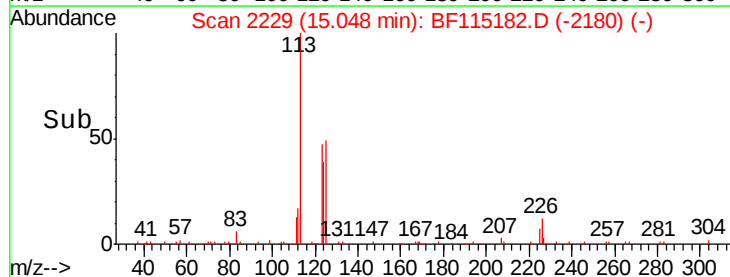
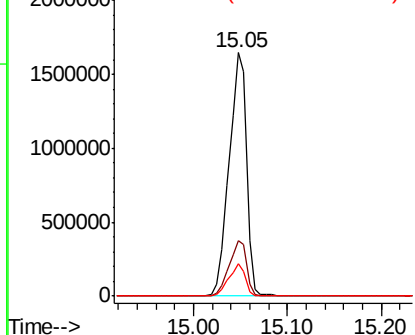


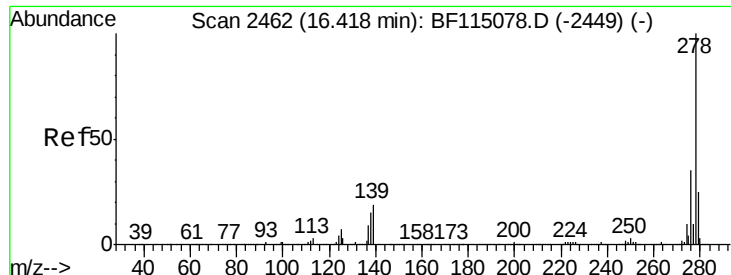
#90
Benzo(a)pyrene
Concen: 48.525 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:252 Resp: 2124903
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 13.5 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



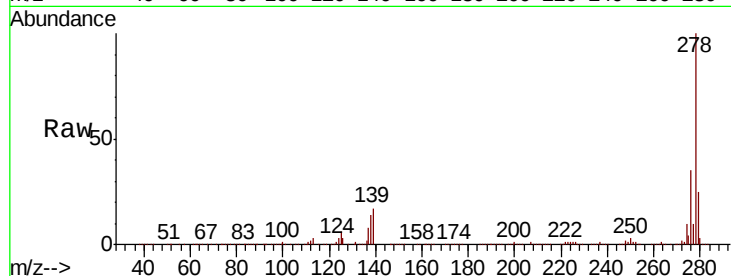


#91
Dibenzo(a,h)anthracene
Concen: 48.073 ng
RT: 16.40 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

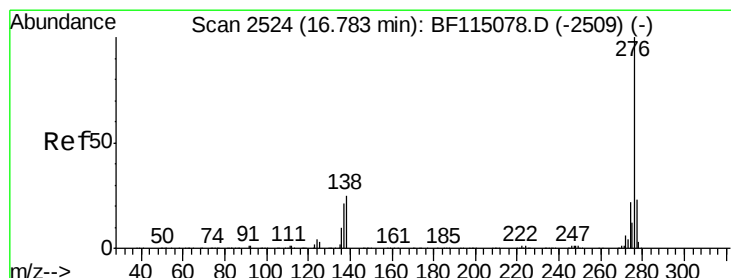
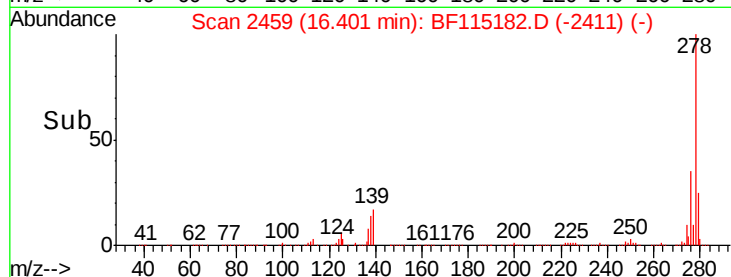
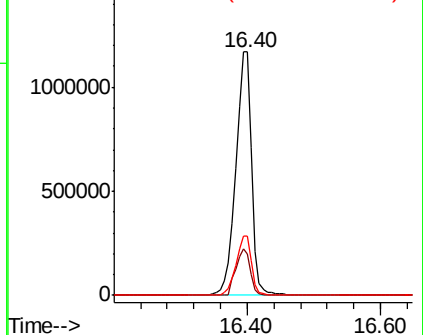
Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tgt Ion:278 Resp: 1965261

Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.4	23.2
279	24.6	19.9	29.9



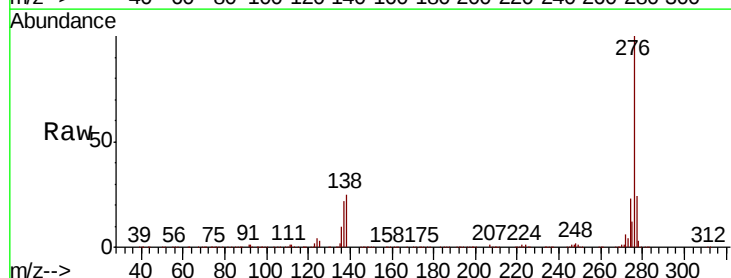
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.200 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:276 Resp: 1994331

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	25.0	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

