

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115195.D
 Acq On : 25 Jun 2019 18:50
 Operator : HP/JU
 Sample : K3470-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Quant Time: Jun 26 05:48:11 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	273395	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	988365	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	400189	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	662779	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	554318	20.00	ng	-0.02
87) Perylene-d12	15.09	264	672582	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1475227	83.27	ng	0.01
7) Phenol-d6	6.25	99	1860220	86.51	ng	0.00
23) Nitrobenzene-d5	7.17	82	1097494	68.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	344610	81.66	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1749299	74.25	ng	-0.01
79) Terphenyl-d14	12.69	244	1544794	59.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	192267	22.995	ng	100
3) Pyridine	2.91	79	484819	20.573	ng	99
4) n-Nitrosodimethylamine	2.85	42	223650	24.208	ng	96
6) Aniline	6.27	93	297367	10.062	ng	# 1
8) 2-Chlorophenol	6.40	128	531442	26.677	ng	99
9) Benzaldehyde	6.15	77	353646	25.208	ng	97
10) Phenol	6.27	94	628553	24.954	ng	97
11) bis(2-Chloroethyl)ether	6.35	93	486099	26.180	ng	98
12) 1,3-Dichlorobenzene	6.55	146	585198	26.469	ng	98
13) 1,4-Dichlorobenzene	6.63	146	595315	26.852	ng	98
14) 1,2-Dichlorobenzene	6.78	146	551379	26.856	ng	98
15) Benzyl Alcohol	6.75	79	364943	23.307	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	669719	24.869	ng	94
17) 2-Methylphenol	6.87	107	465301	28.297	ng	98
18) Hexachloroethane	7.12	117	203749	25.492	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	331064	24.048	ng	98
20) 3+4-Methylphenols	7.02	107	505613	26.630	ng	91
22) Acetophenone	7.02	105	696519	30.783	ng	# 96
24) Nitrobenzene	7.19	77	514064	29.042	ng	100
25) Isophorone	7.44	82	890205	27.047	ng	99
26) 2-Nitrophenol	7.51	139	274606	31.415	ng	98
27) 2,4-Dimethylphenol	7.55	122	446579	31.203	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	576482	27.712	ng	99
29) 2,4-Dichlorophenol	7.75	162	404367	27.378	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	478918	29.355	ng	99
31) Naphthalene	7.91	128	1456641	30.024	ng	99
32) Benzoic acid	7.66	122	71967	7.044	ng	97
33) 4-Chloroaniline	7.96	127	233199	10.517	ng	100
34) Hexachlorobutadiene	8.04	225	258893	28.957	ng	98
35) Caprolactam	8.32	113	94133	18.956	ng	98
36) 4-Chloro-3-methylphenol	8.45	107	381344	25.494	ng	98
37) 2-Methylnaphthalene	8.60	142	933300	28.531	ng	98
38) 1-Methylnaphthalene	8.70	142	872126	27.915	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	394755	34.907	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	311766	46.493	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	244883	28.049	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	261618	29.098	ng	96
46) 1,1'-Biphenyl	9.07	154	1057709	33.032	ng	99
47) 2-Chloronaphthalene	9.09	162	823842	31.718	ng	99
48) 2-Nitroaniline	9.18	65	218528	28.858	ng	96
49) Acenaphthylene	9.50	152	1240516	30.654	ng	99
50) Dimethylphthalate	9.37	163	1280671	43.497	ng	99
51) 2,6-Dinitrotoluene	9.42	165	195418	28.749	ng	93
52) Acenaphthene	9.67	154	771421	30.463	ng	99
53) 3-Nitroaniline	9.58	138	142810	17.216	ng	99
54) 2,4-Dinitrophenol	9.69	184	93464	31.612	ng	95
55) Dibenzofuran	9.84	168	1055297	29.035	ng	97
56) 4-Nitrophenol	9.75	139	303860	45.692	ng	96
57) 2,4-Dinitrotoluene	9.82	165	241866	27.557	ng	92
58) Fluorene	10.18	166	742165	28.213	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	184059	24.414	ng	98
60) Diethylphthalate	10.07	149	797364	26.942	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	360360	28.904	ng	97
62) 4-Nitroaniline	10.19	138	192110	23.086	ng	98
63) Azobenzene	10.34	77	737602	26.682	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	79446	25.160	ng	96
66) n-Nitrosodiphenylamine	10.30	169	667005	32.302	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	222264	30.931	ng	94
68) Hexachlorobenzene	10.72	284	240030	30.774	ng	93
69) Atrazine	10.82	200	186299	28.047	ng	99
70) Pentachlorophenol	10.92	266	271861	54.711	ng	99
71) Phenanthrene	11.13	178	1075664	30.143	ng	98
72) Anthracene	11.18	178	1103625	30.638	ng	100
73) Carbazole	11.34	167	969348	30.136	ng	99
74) Di-n-butylphthalate	11.69	149	1096667	29.504	ng	99
75) Fluoranthene	12.31	202	1114898	31.313	ng	96
77) Benzidine	12.44	184	330102	13.411	ng	# 94
78) Pyrene	12.54	202	1150864	27.016	ng	100
80) Butylbenzylphthalate	13.17	149	503046	26.758	ng	96
81) Benzo(a)anthracene	13.72	228	1105172	27.786	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	274055	19.080	ng	99
83) Chrysene	13.75	228	1055905	28.981	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	689572	27.993	ng	100
85) Di-n-octyl phthalate	14.35	149	1250825	30.222	ng	100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1187299	27.540	ng	99
88) Benzo(b)fluoranthene	14.72	252	1216433	28.985	ng	100
89) Benzo(k)fluoranthene	14.74	252	1103730	29.327	ng	98
90) Benzo(a)pyrene	15.04	252	1155510	30.548	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1007999	28.545	ng	97
92) Benzo(g,h,i)perylene	16.74	276	955011	26.721	ng	98

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

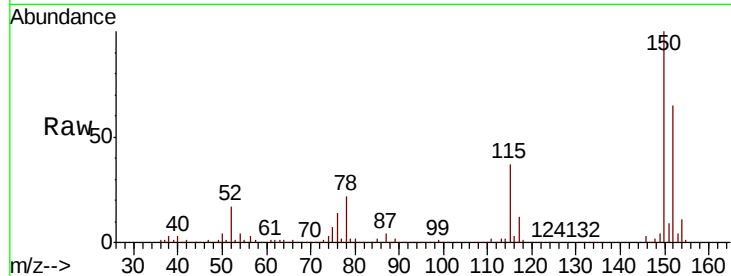


#1

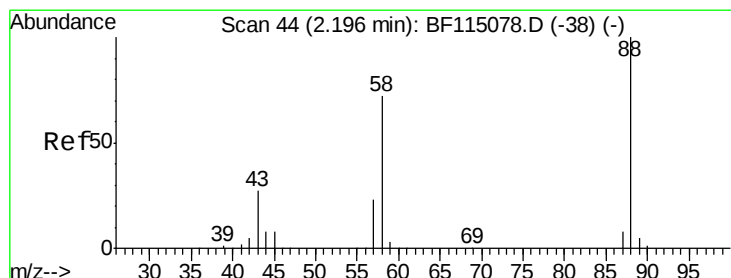
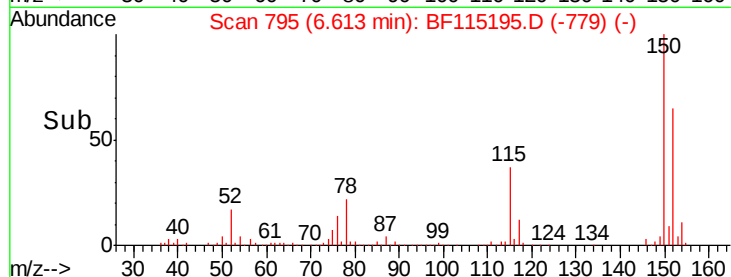
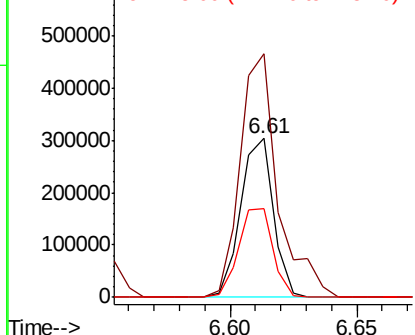
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion: 152 Resp: 273395
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 55.9 46.1 69.1



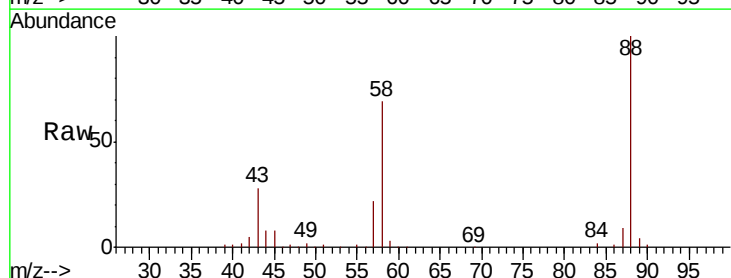
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



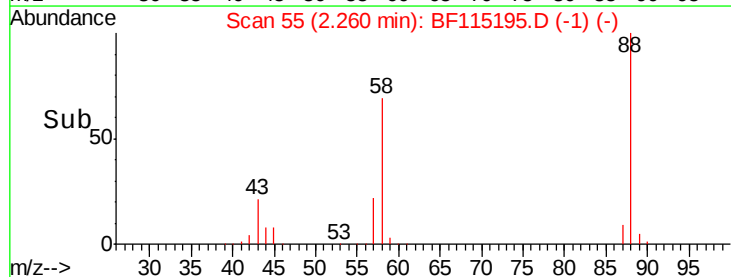
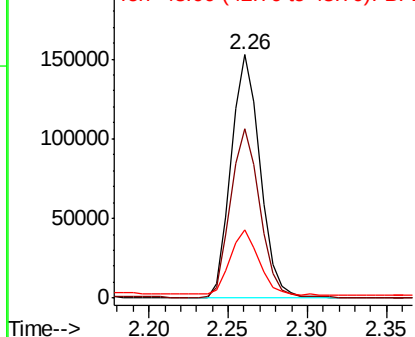
#2

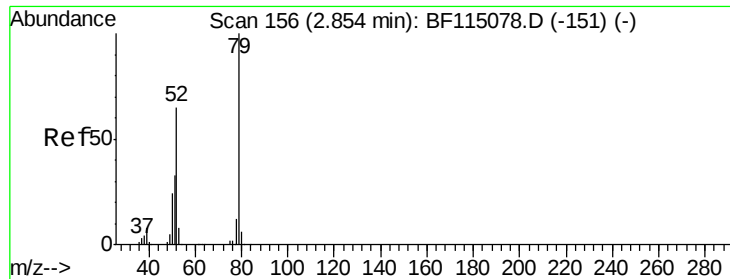
1,4-Dioxane
Concen: 22.995 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.06 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion: 88 Resp: 192267
Ion Ratio Lower Upper
88 100
58 70.2 56.1 84.1
43 26.9 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: 20.573 ng

RT: 2.91 min Scan# 166

Delta R.T. 0.06 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

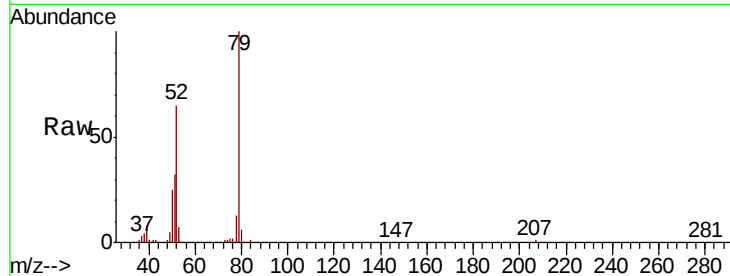
Tgt Ion: 79 Resp: 484819

Ion Ratio Lower Upper

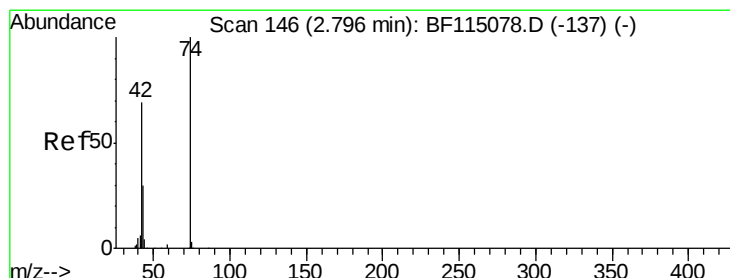
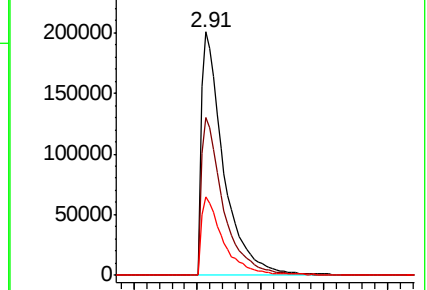
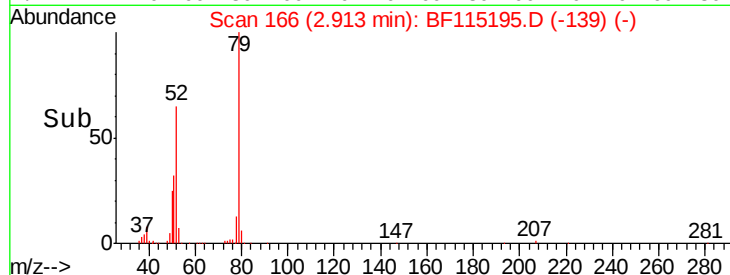
79 100

52 65.1 52.3 78.5

51 32.1 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: 24.208 ng

RT: 2.85 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

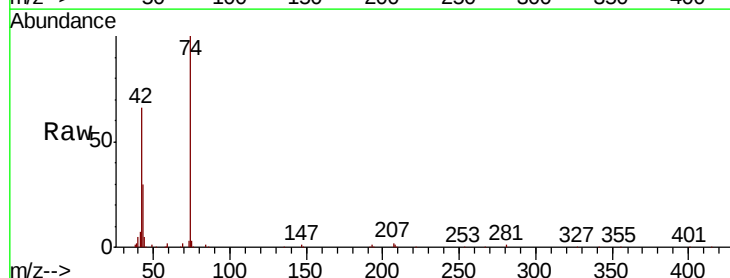
Tgt Ion: 42 Resp: 223650

Ion Ratio Lower Upper

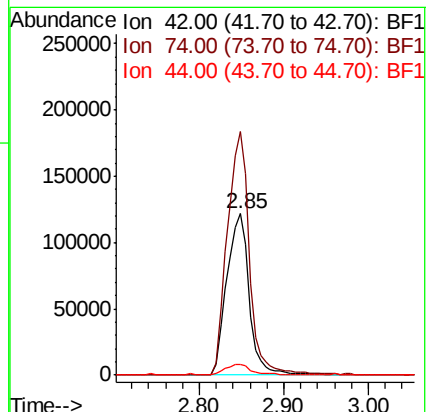
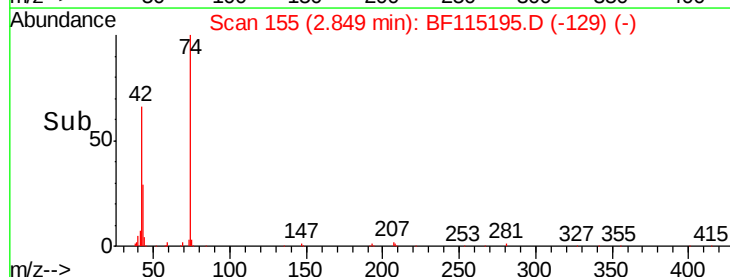
42 100

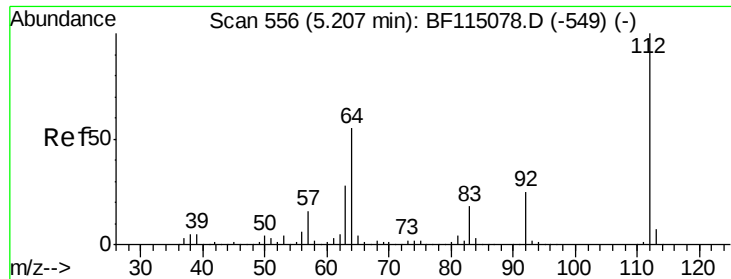
74 150.6 116.6 175.0

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: 83.269 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

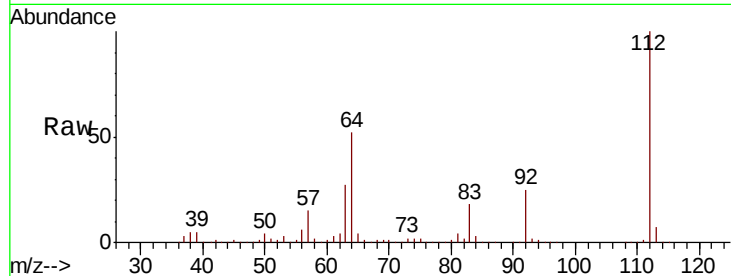
Tgt Ion: 112 Resp: 1475227

Ion Ratio Lower Upper

112 100

64 52.1 43.8 65.6

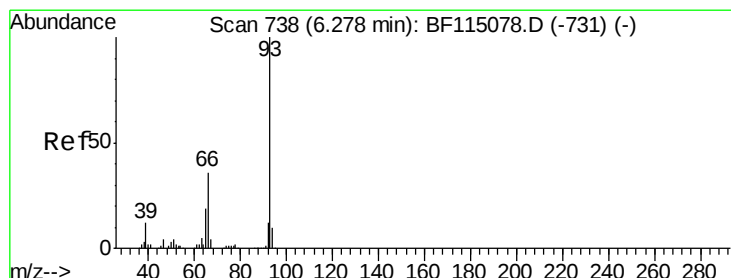
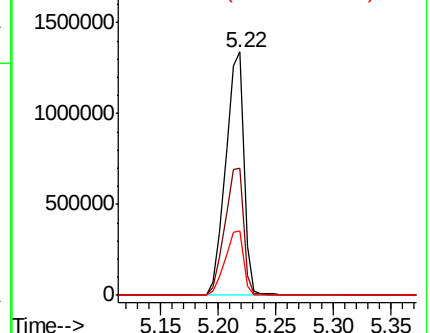
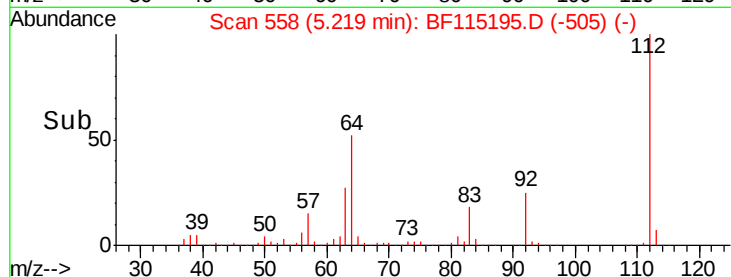
63 26.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.062 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

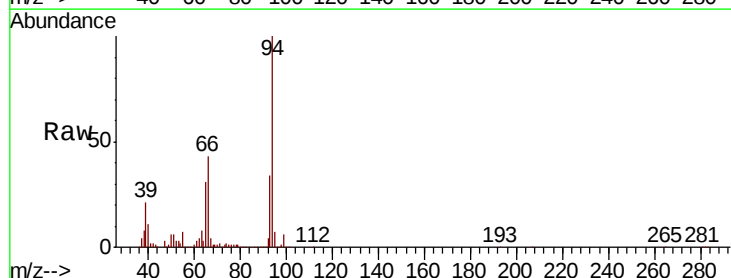
Tgt Ion: 93 Resp: 297367

Ion Ratio Lower Upper

93 100

66 125.9 30.0 45.0#

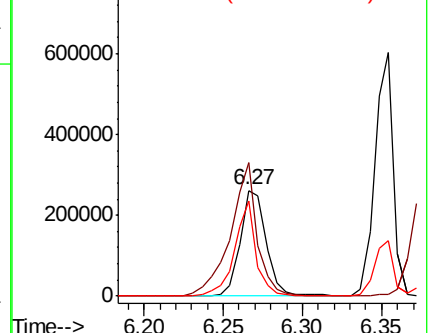
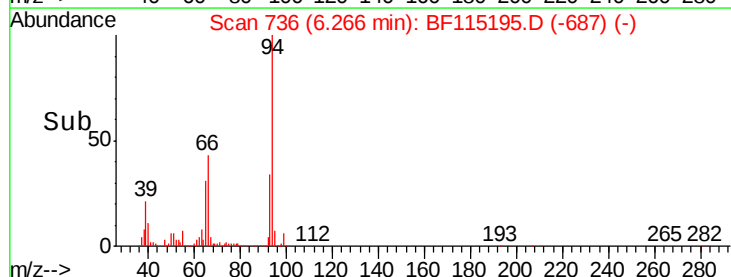
65 89.7 15.6 23.4#



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: 86.508 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

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ClientSampleId :

SAMPLE-4MSD

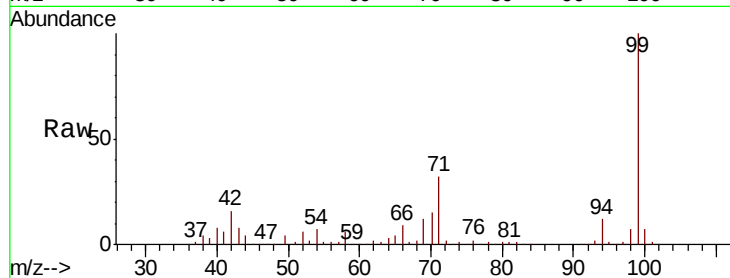
Tgt Ion: 99 Resp: 1860220

Ion Ratio Lower Upper

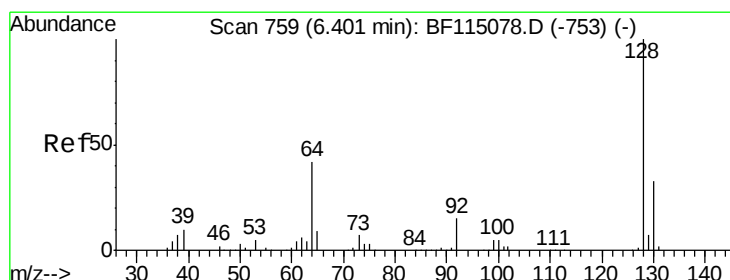
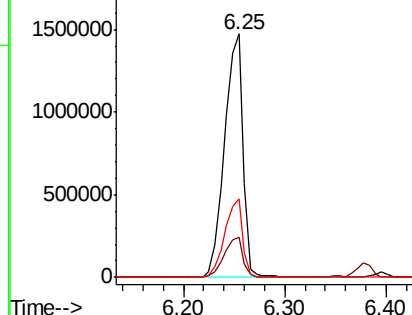
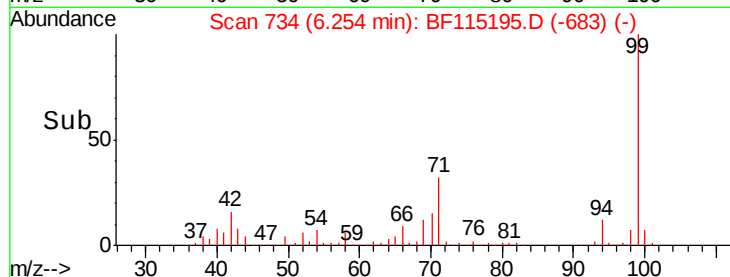
99 100

42 16.4 13.6 20.4

71 32.0 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: 26.677 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

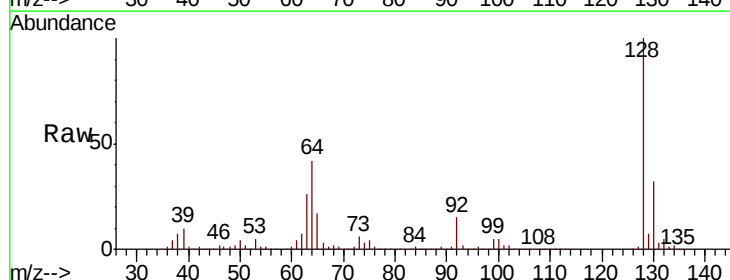
Tgt Ion: 128 Resp: 531442

Ion Ratio Lower Upper

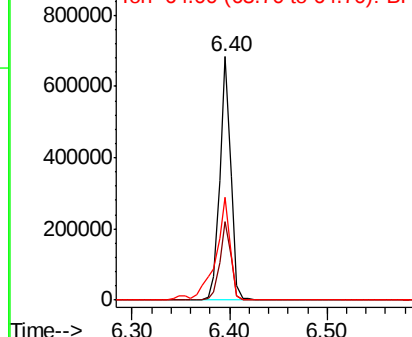
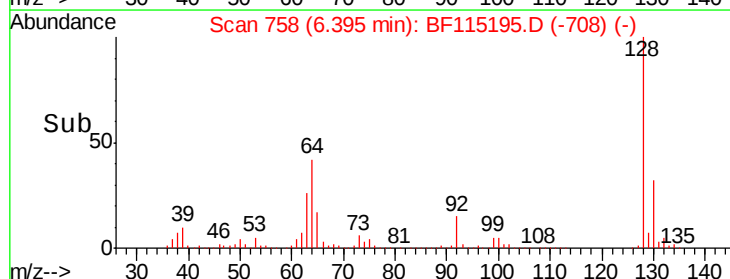
128 100

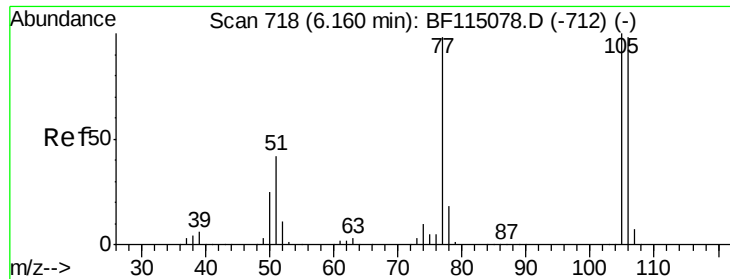
130 32.1 12.9 52.9

64 42.0 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: 25.208 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

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ClientSampleId :

SAMPLE-4MSD

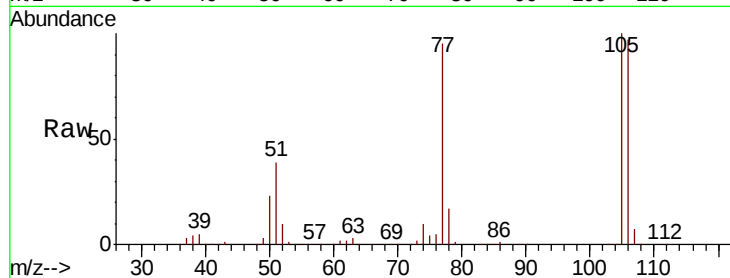
Tgt Ion: 77 Resp: 353646

Ion Ratio Lower Upper

77 100

105 105.1 81.5 121.5

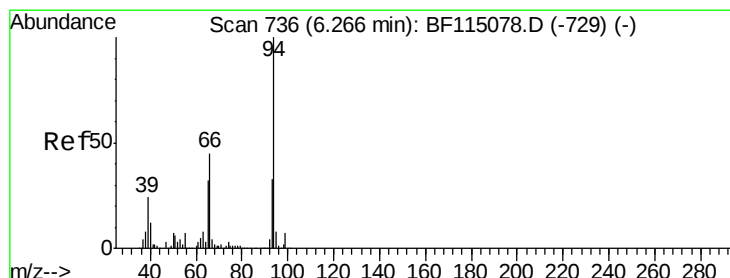
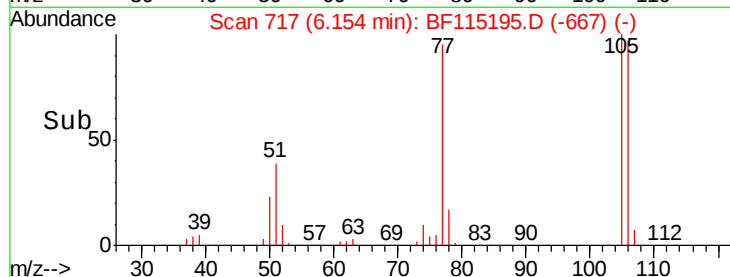
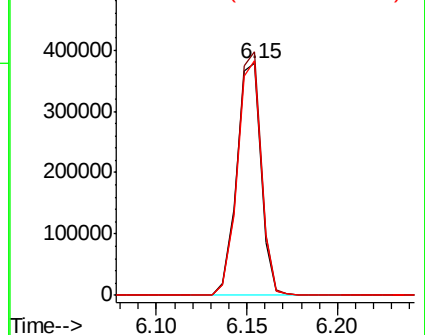
106 101.5 79.7 119.7



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: 24.954 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

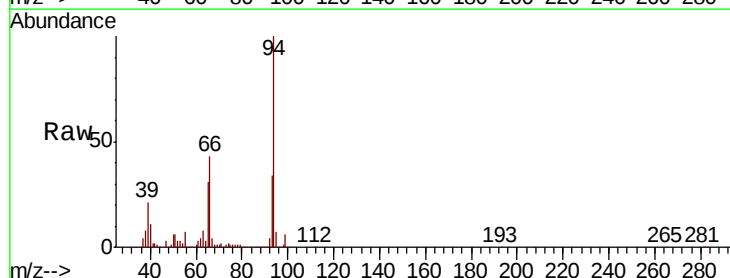
Tgt Ion: 94 Resp: 628553

Ion Ratio Lower Upper

94 100

65 30.6 11.9 51.9

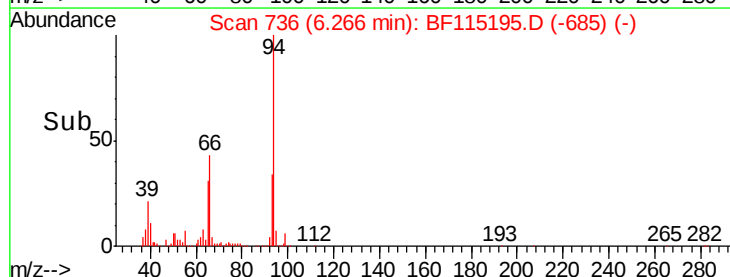
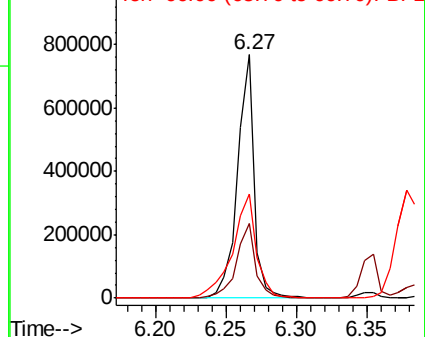
66 43.0 25.2 65.2



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

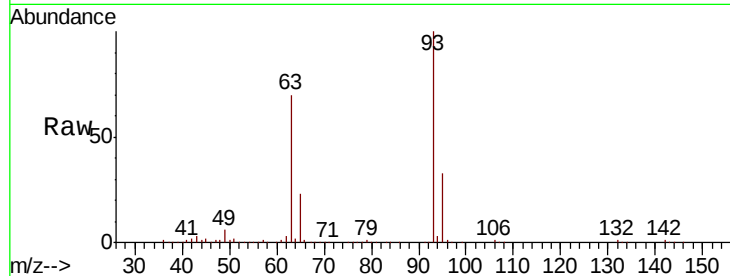




#11
bis(2-Chloroethyl)ether
Concen: 26.180 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.5	51.5	91.5
95	32.9	13.4	53.4

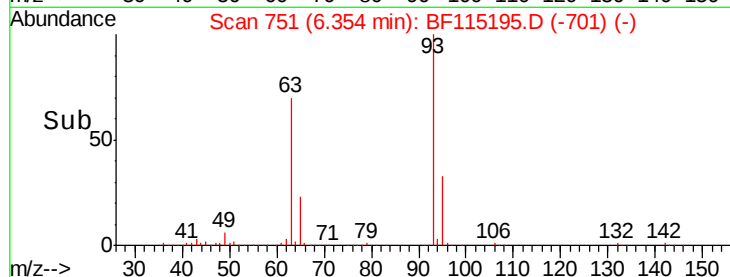
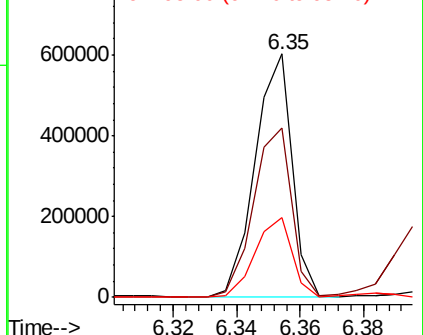


Abundance

Ion 93.00 (92.70 to 93.70): BF1

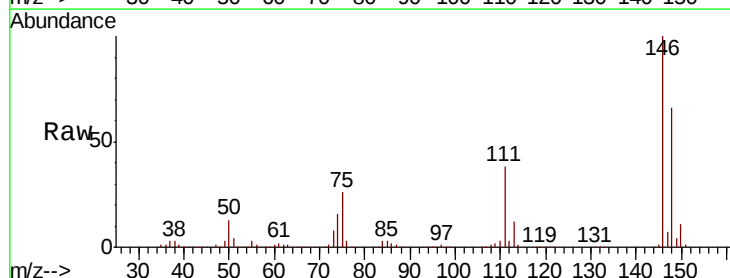
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 26.469 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	25.7	22.6	34.0

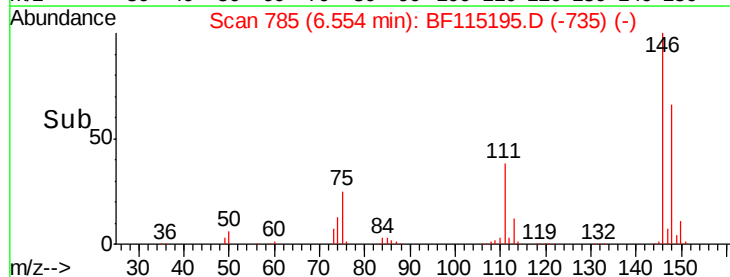
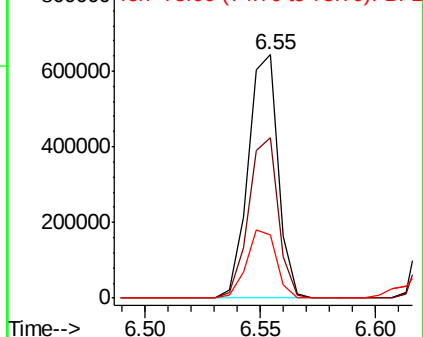


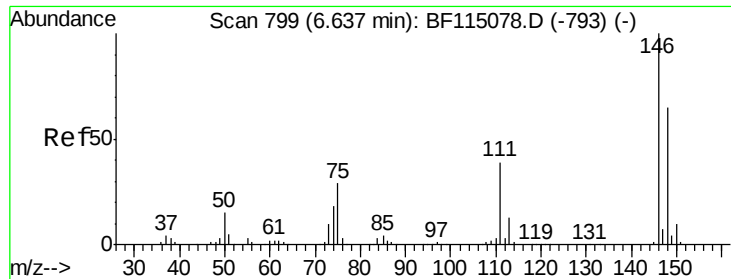
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

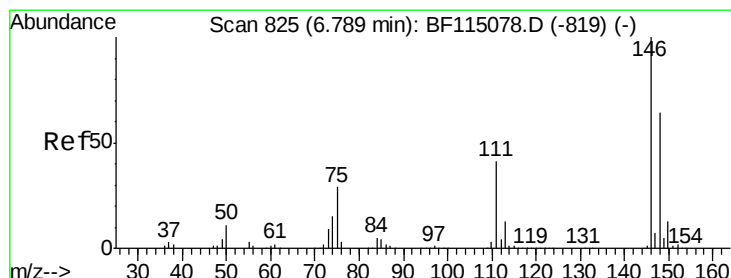
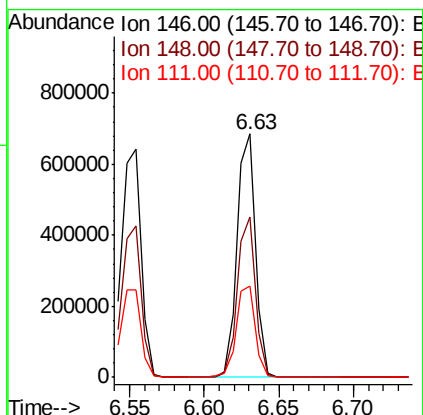
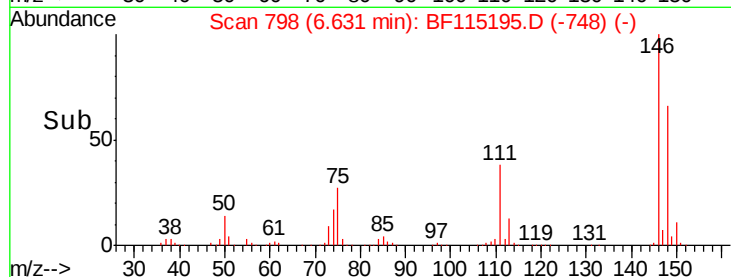
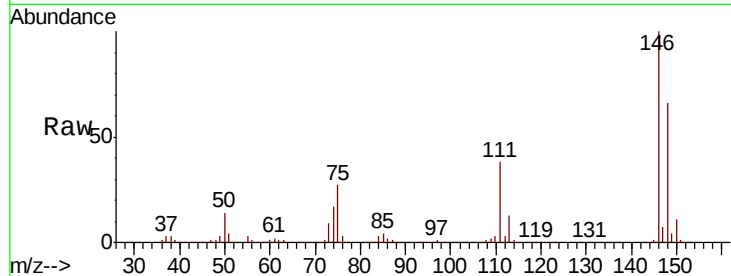




#13
 1,4-Dichlorobenzene
 Concen: 26.852 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

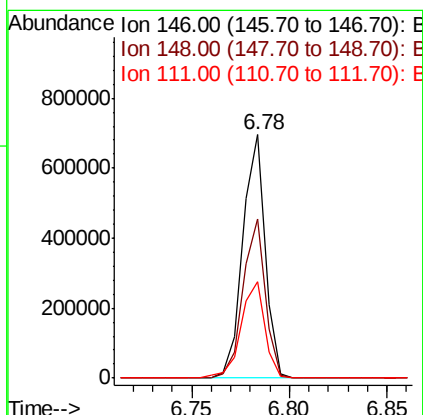
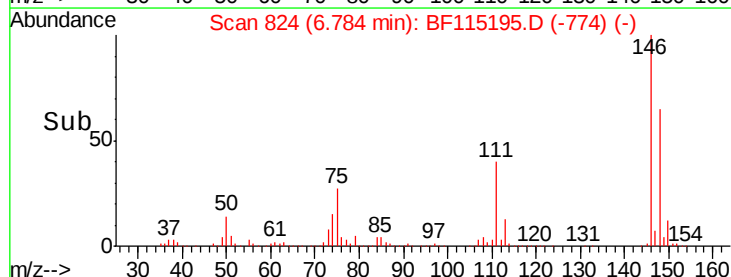
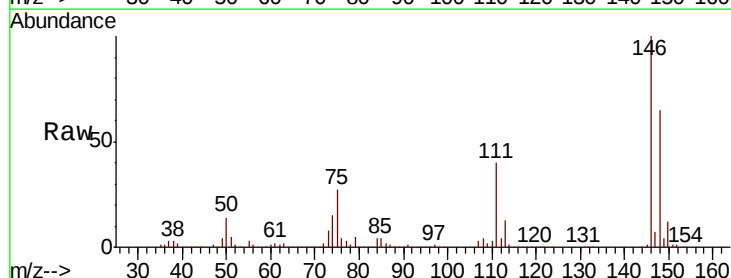
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

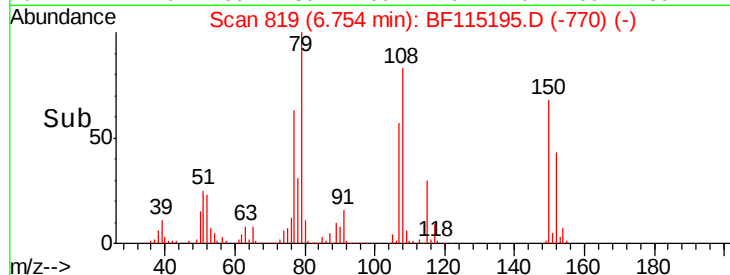
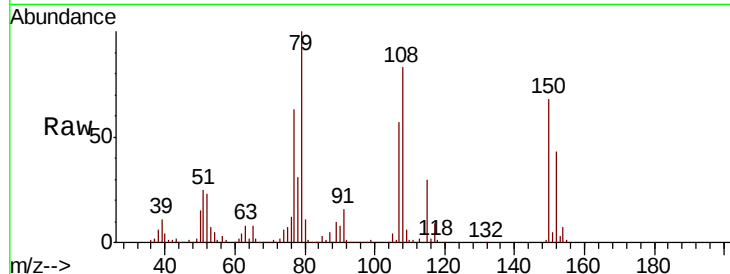
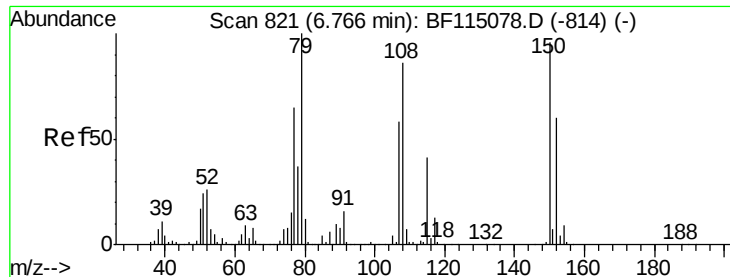
Tgt Ion:146 Resp: 595315
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 37.7 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 26.856 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:146 Resp: 551379
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 39.8 33.2 49.8

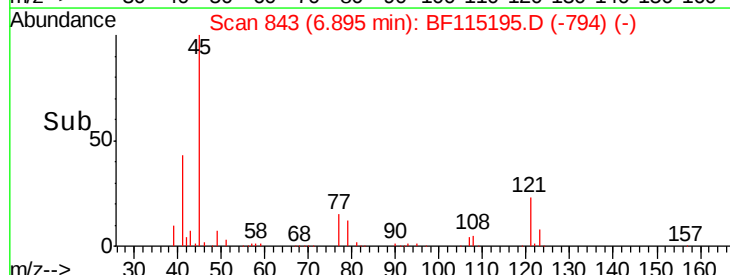
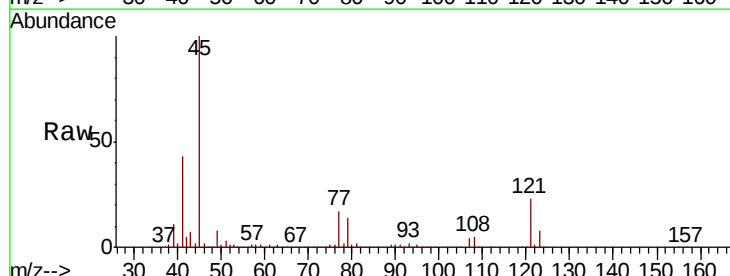
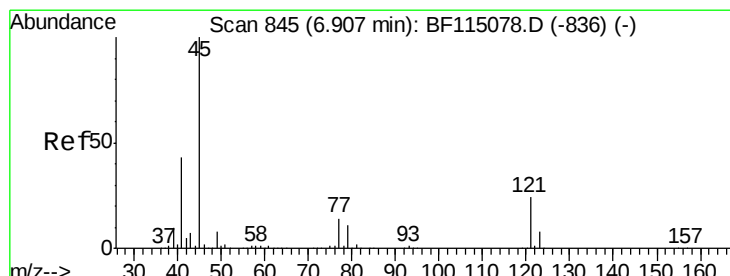
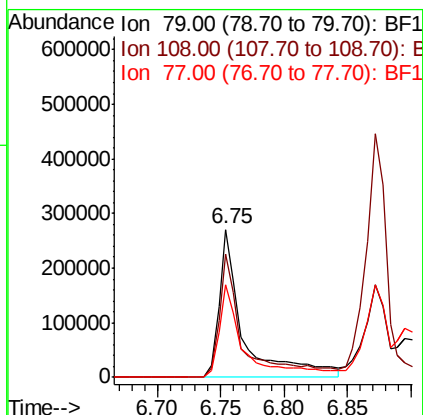




#15
Benzyl Alcohol
Concen: 23.307 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

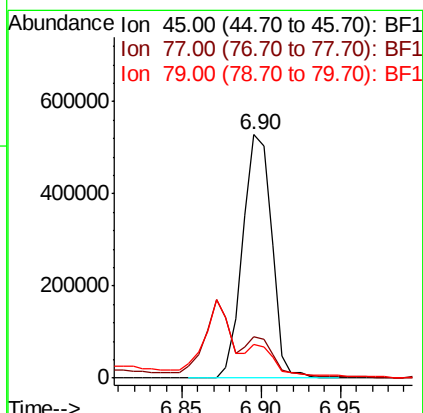
Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.3	68.7	103.1
77	62.7	51.7	77.5

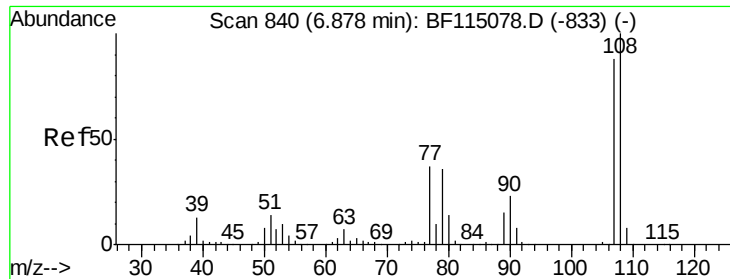
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.869 ng
RT: 6.90 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	34.6
79	13.6	0.0	31.2





#17

2-Methylphenol

Concen: 28.297 ng

RT: 6.87 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tgt Ion:107 Resp: 465301

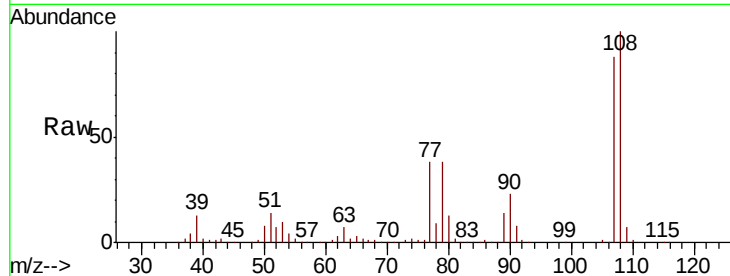
Ion Ratio Lower Upper

107 100

108 113.7 90.9 136.3

77 43.3 33.4 50.2

79 43.4 32.3 48.5

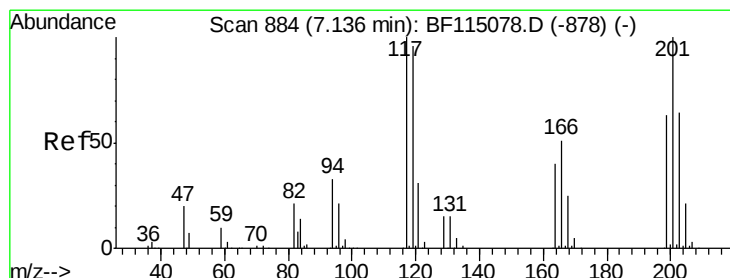
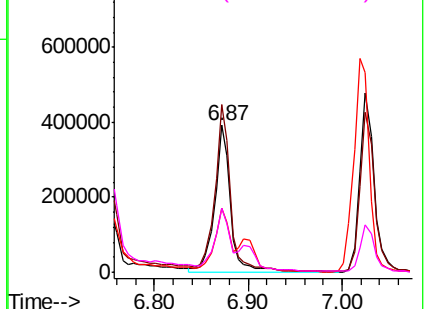
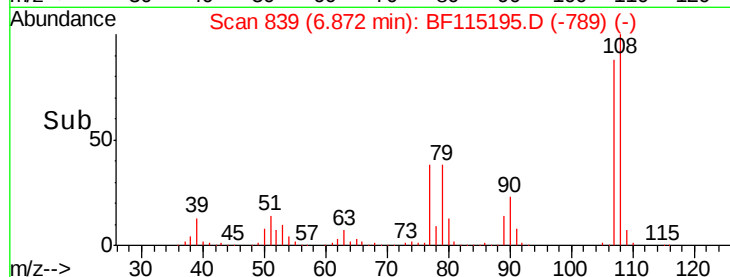


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 25.492 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

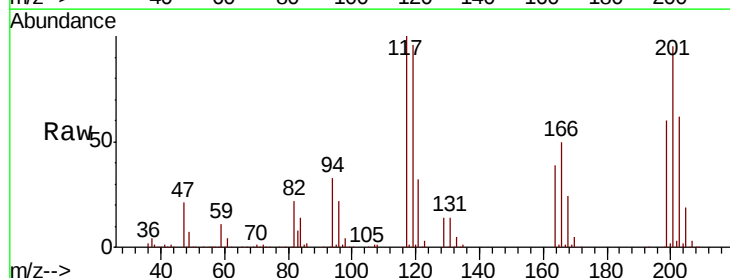
Tgt Ion:117 Resp: 203749

Ion Ratio Lower Upper

117 100

119 96.3 76.6 114.8

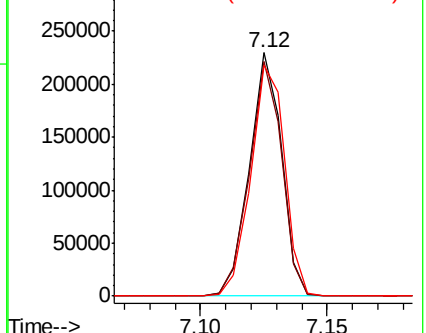
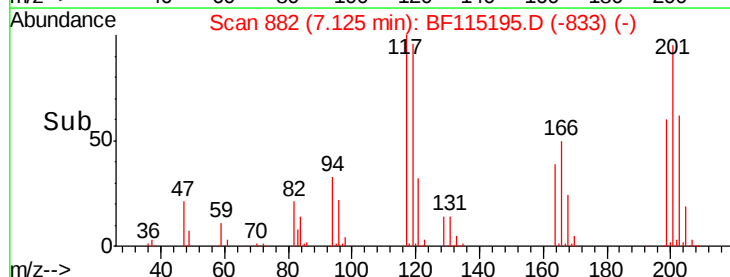
201 94.6 80.2 120.2

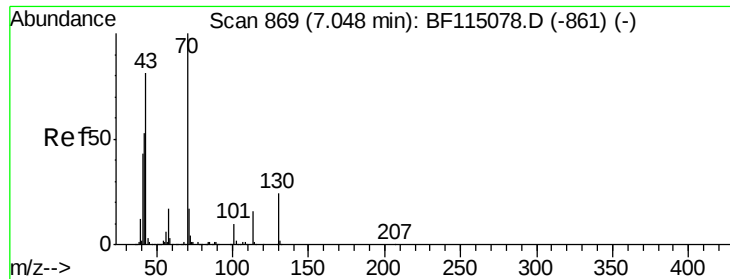


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

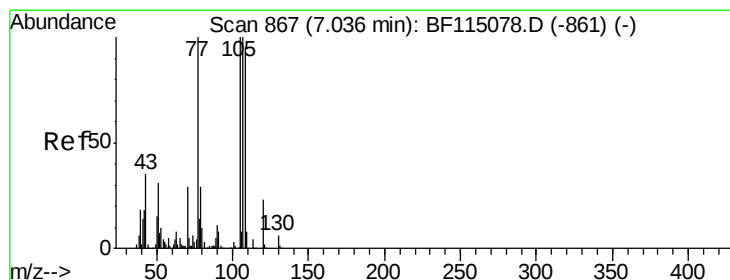
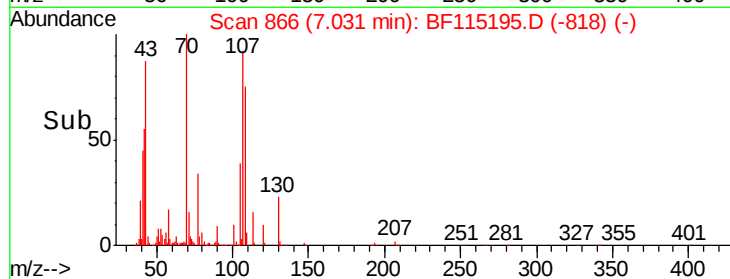
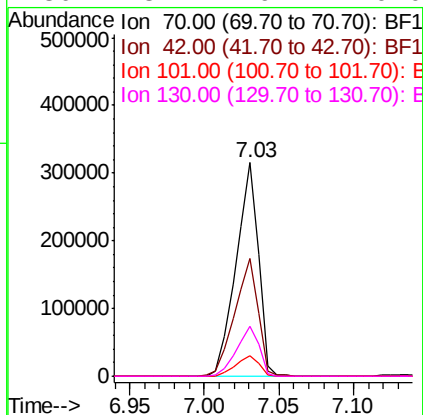
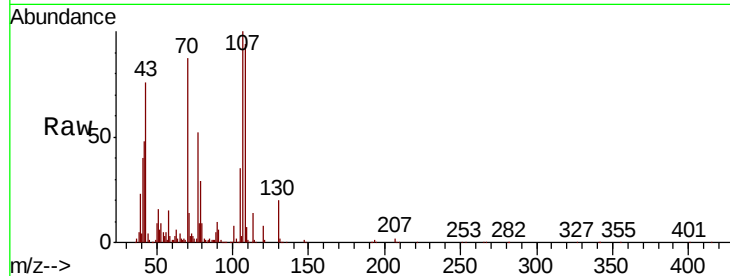




#19
n-Nitroso-di-n-propylamine
Concen: 24.048 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

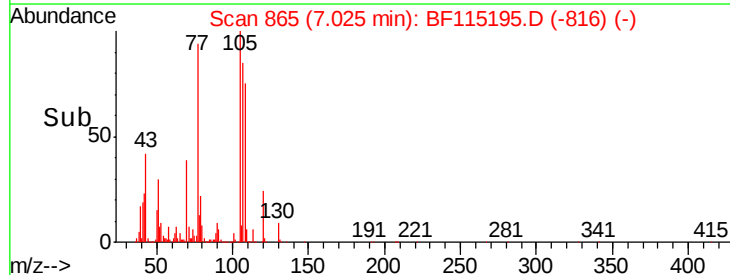
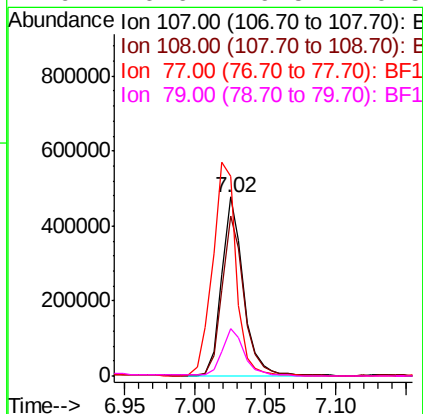
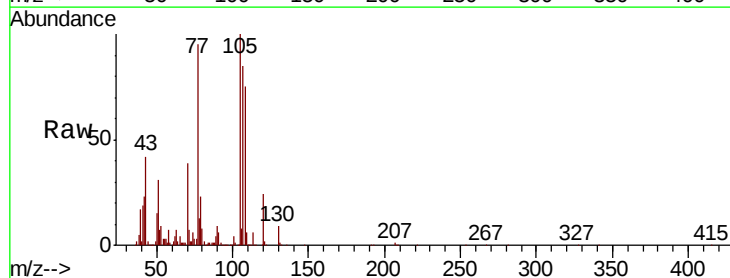
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion:	70	Resp:	331064
Ion	Ratio	Lower	Upper
70	100		
42	55.1	42.6	63.8
101	9.7	8.0	12.0
130	23.4	19.4	29.0



#20
3+4-Methylphenols
Concen: 26.630 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:	107	Resp:	505613
Ion	Ratio	Lower	Upper
107	100		
108	89.1	75.5	115.5
77	111.7	80.2	120.2
79	26.6	9.5	49.5

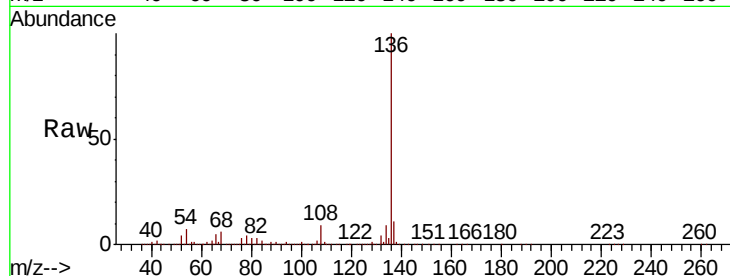




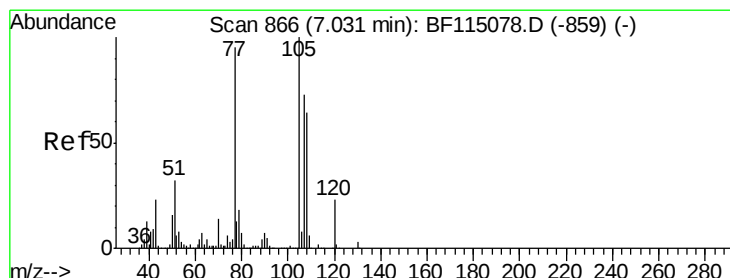
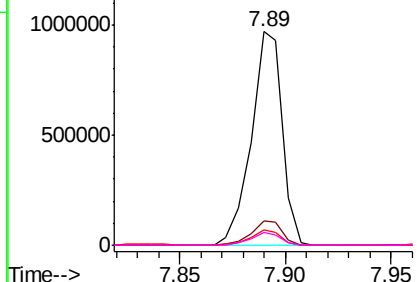
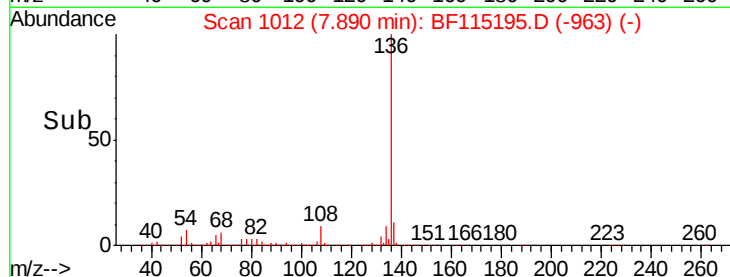
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion:	136	Resp:	988365
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.4	5.6	8.4
68	6.3	4.8	7.2

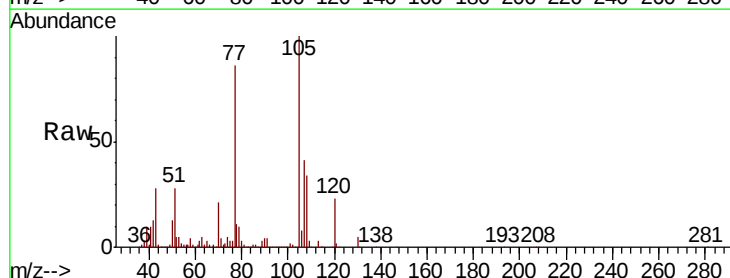


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

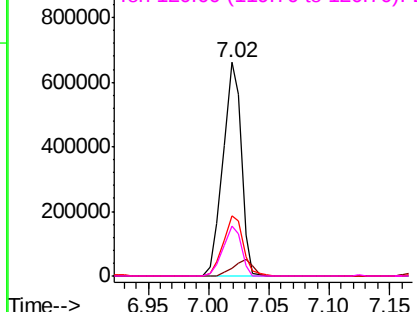
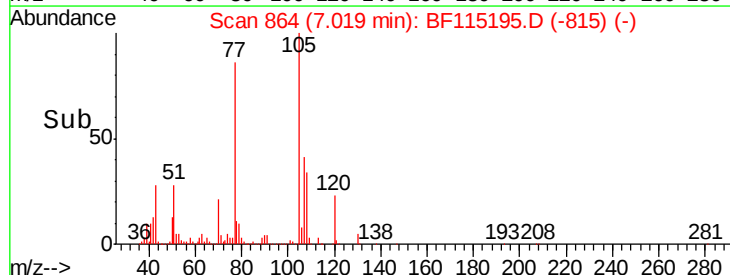


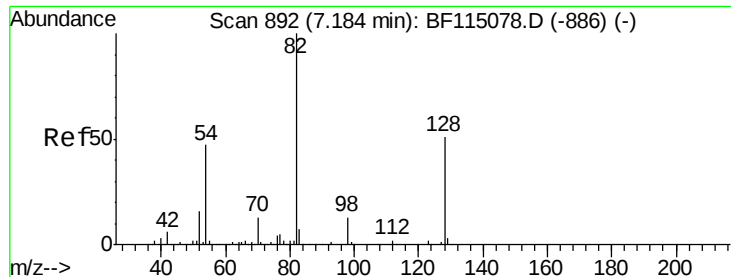
#22
Acetophenone
Concen: 30.783 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:	105	Resp:	696519
Ion Ratio	Lower	Upper	
105	100		
71	3.7	1.9	2.9#
51	28.3	25.8	38.8
120	23.4	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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

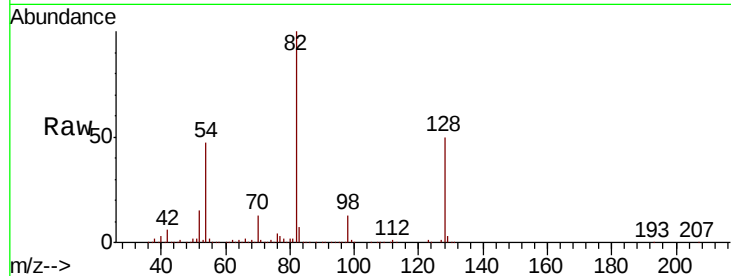




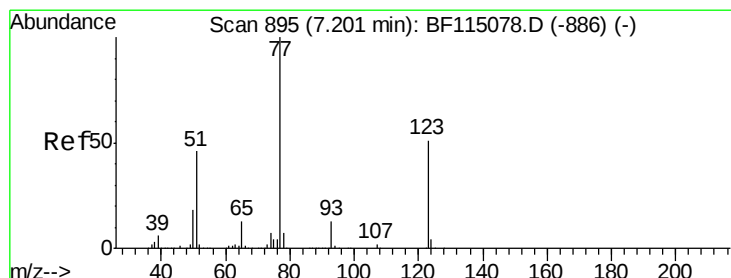
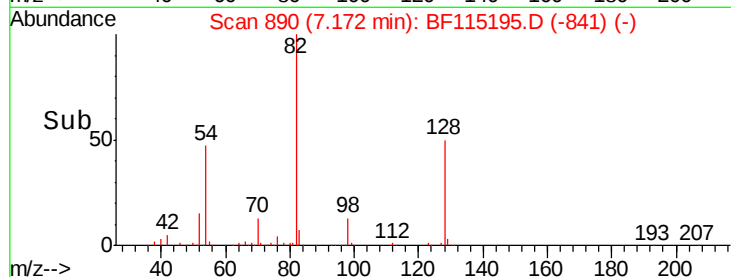
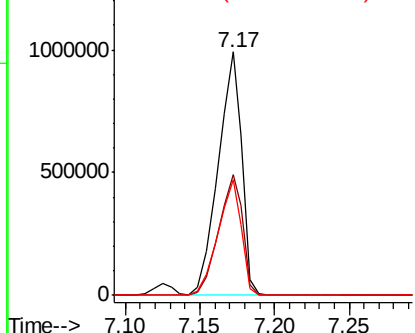
#23
Nitrobenzene-d5
Concen: 68.308 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion: 82 Resp: 1097494
Ion Ratio Lower Upper
82 100
128 49.7 40.4 60.6
54 47.3 37.5 56.3

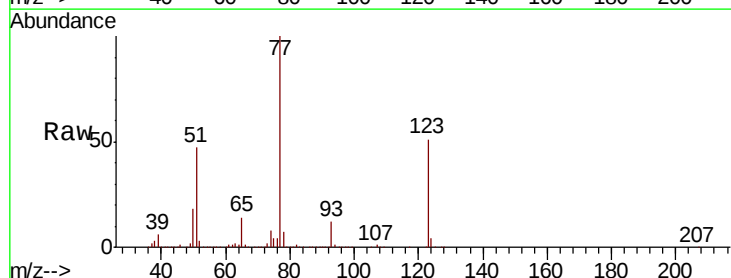


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

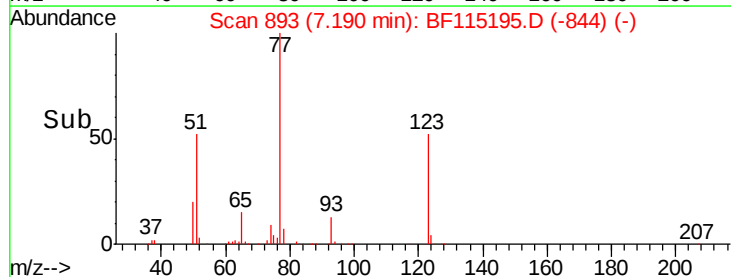
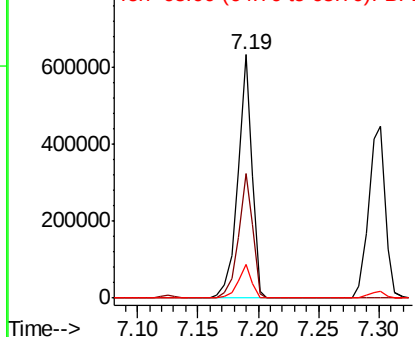


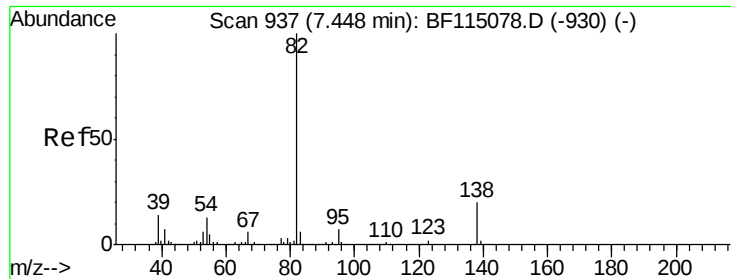
#24
Nitrobenzene
Concen: 29.042 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion: 77 Resp: 514064
Ion Ratio Lower Upper
77 100
123 51.2 41.0 61.6
65 13.6 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: 27.047 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

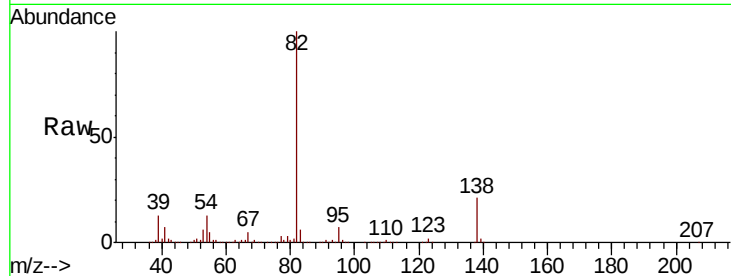
Tgt Ion: 82 Resp: 890205

Ion Ratio Lower Upper

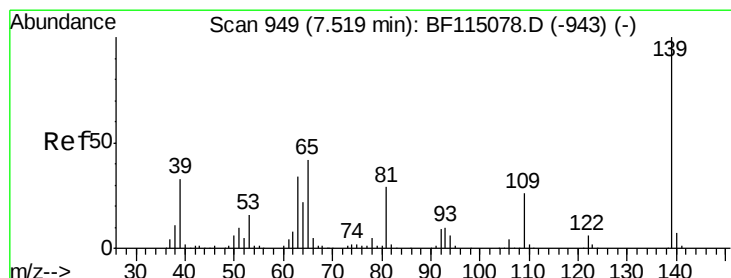
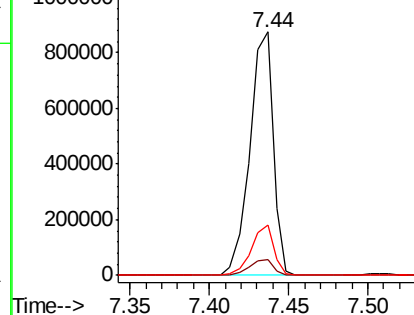
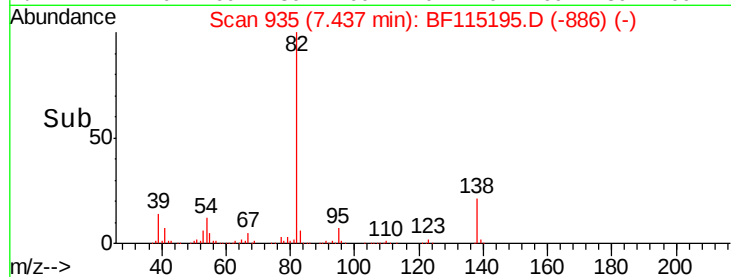
82 100

95 6.7 5.4 8.2

138 20.5 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: 31.415 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

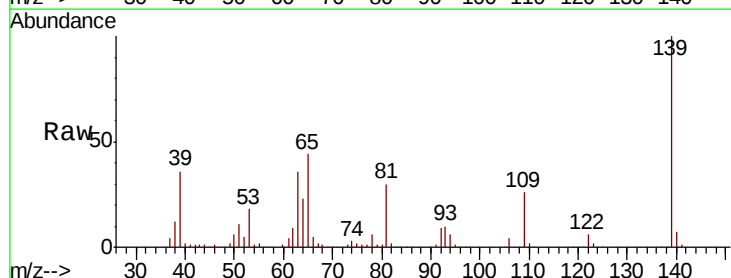
Tgt Ion: 139 Resp: 274606

Ion Ratio Lower Upper

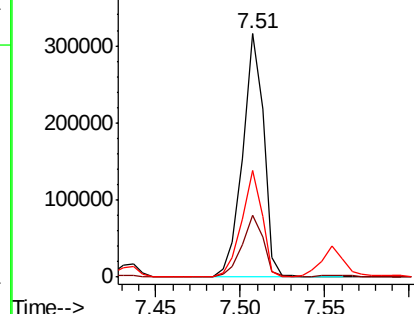
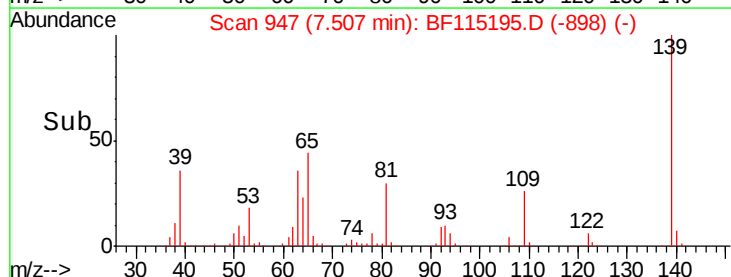
139 100

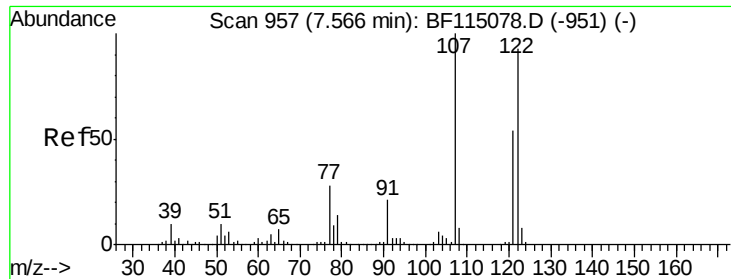
109 25.6 20.4 30.6

65 43.9 33.6 50.4



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

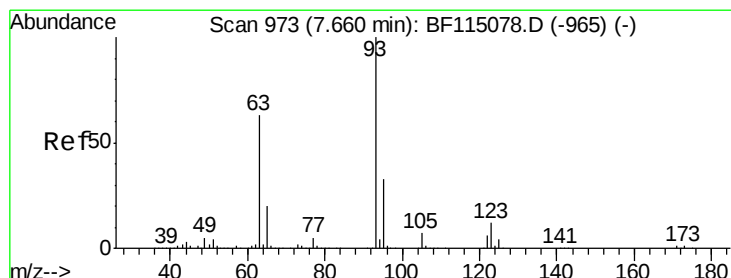
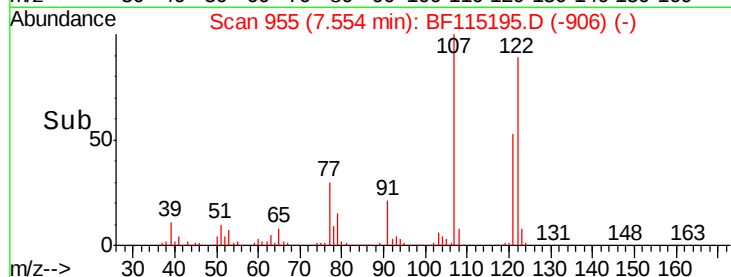
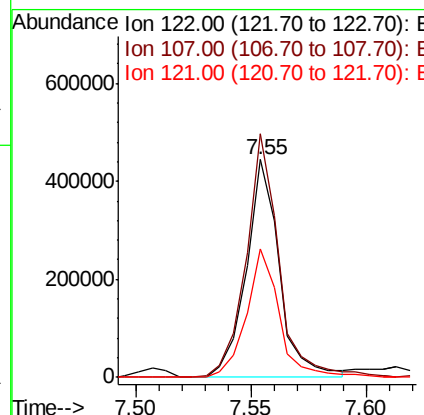
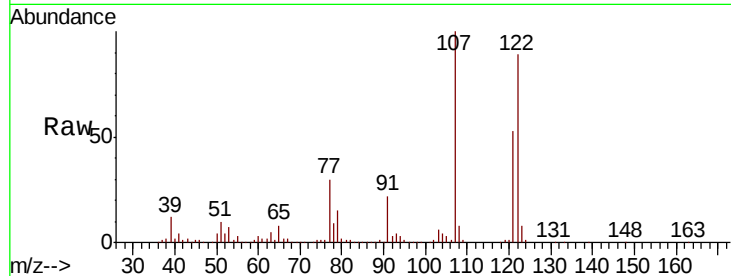




#27
2,4-Dimethylphenol
Concen: 31.203 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

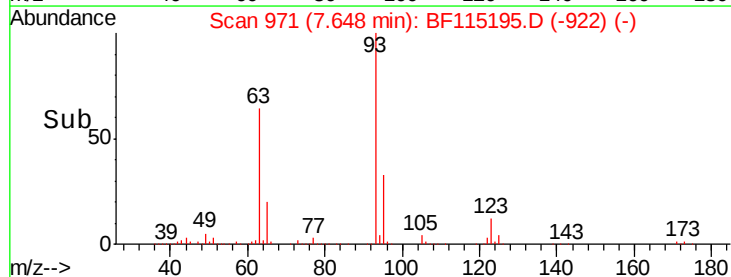
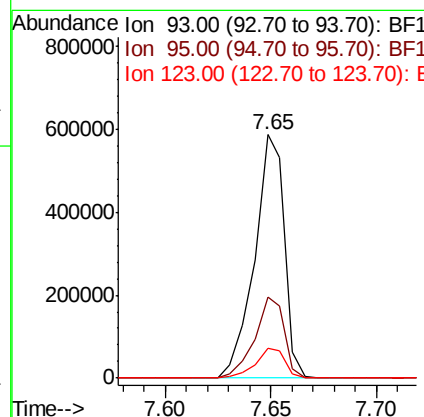
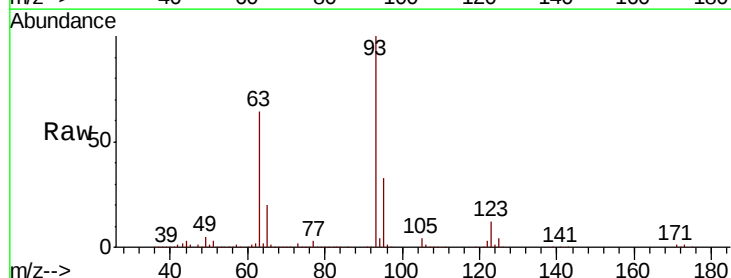
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion:122 Resp: 446579
Ion Ratio Lower Upper
122 100
107 111.9 85.8 128.6
121 58.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 27.712 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion: 93 Resp: 576482
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 27.378 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

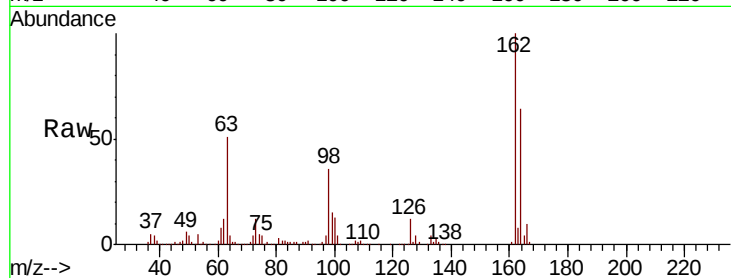
Tgt Ion:162 Resp: 404367

Ion Ratio Lower Upper

162 100

164 63.7 45.3 85.3

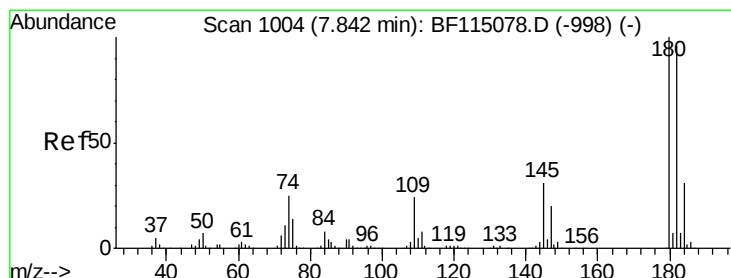
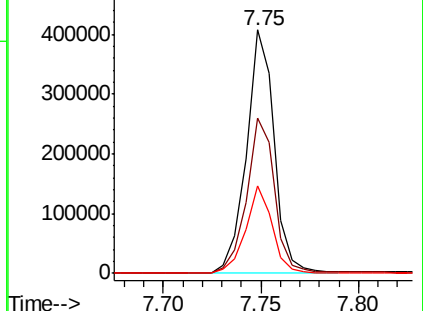
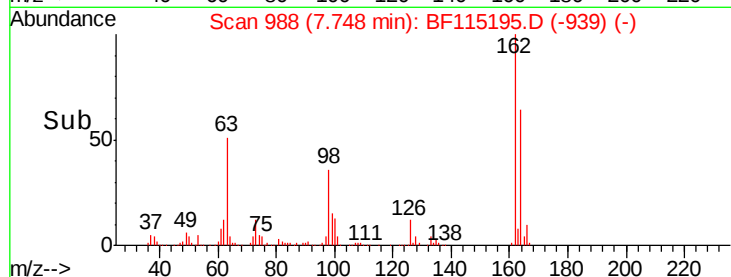
98 35.7 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 29.355 ng

RT: 7.84 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

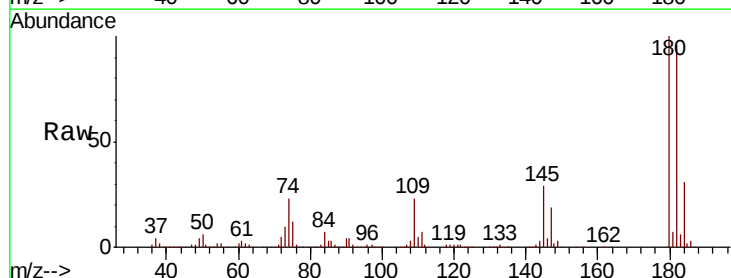
Tgt Ion:180 Resp: 478918

Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

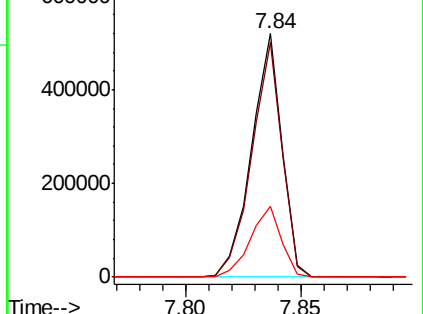
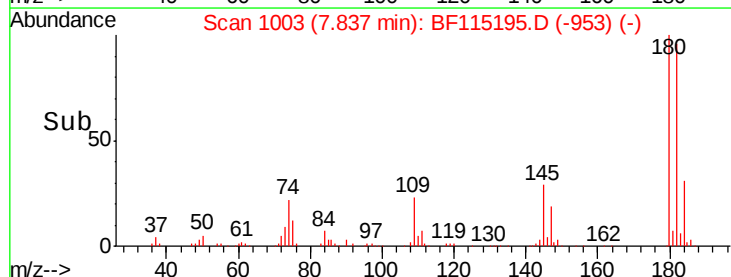
145 29.3 24.8 37.2

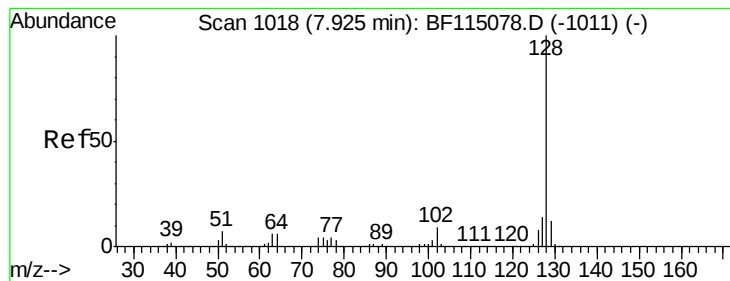


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.024 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

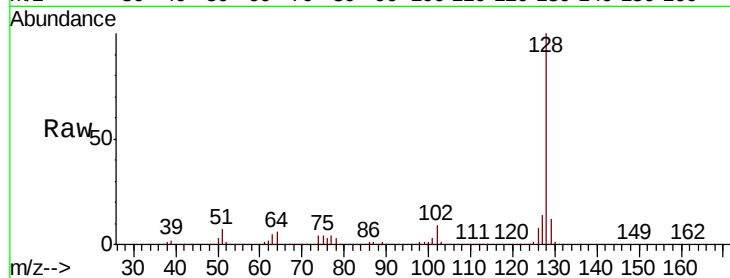
Tgt Ion:128 Resp: 1456641

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

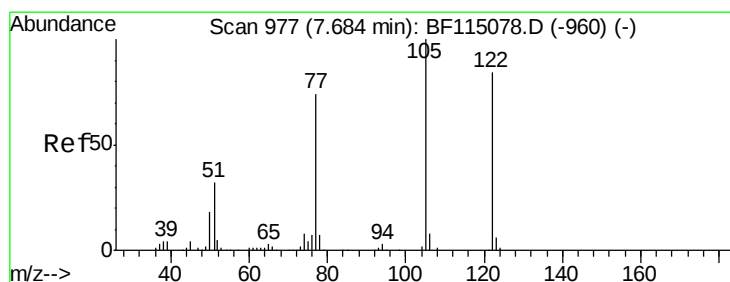
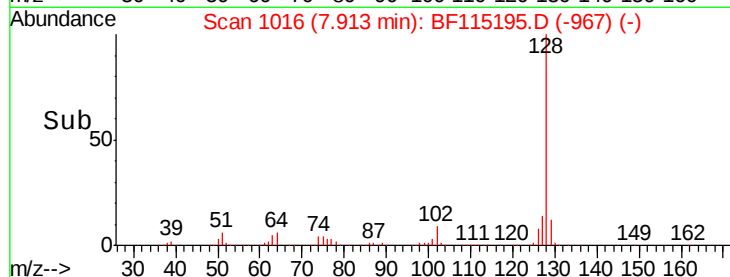
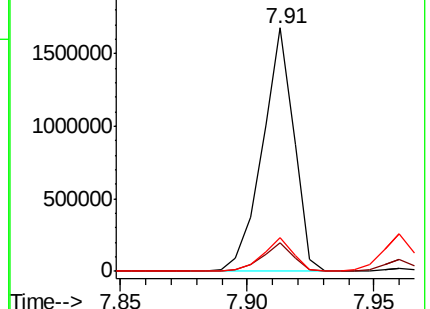
127 13.7 11.4 17.0



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: 7.044 ng

RT: 7.66 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

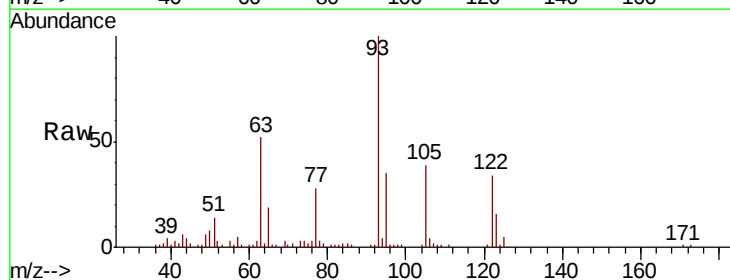
Tgt Ion:122 Resp: 71967

Ion Ratio Lower Upper

122 100

105 114.8 98.2 138.2

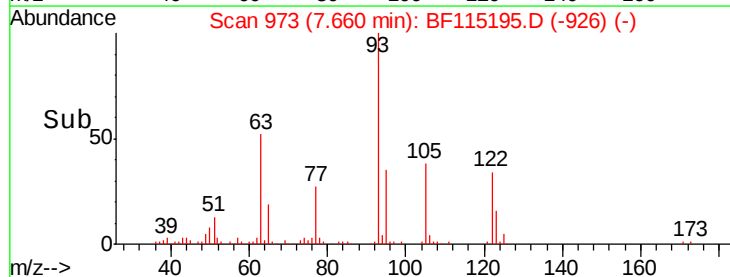
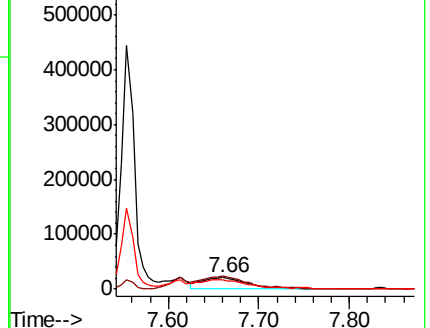
77 84.5 67.0 107.0

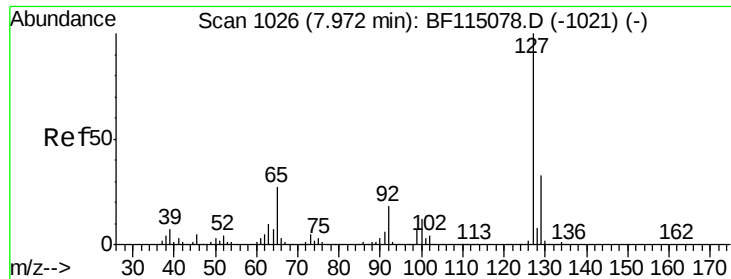


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

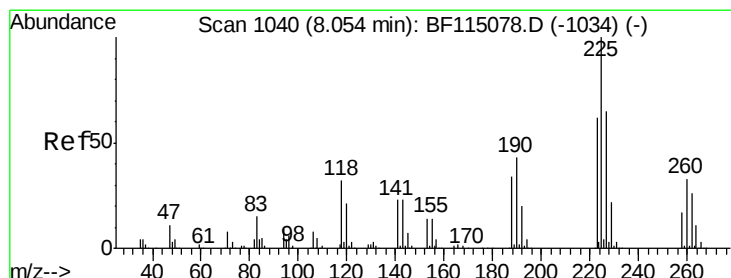
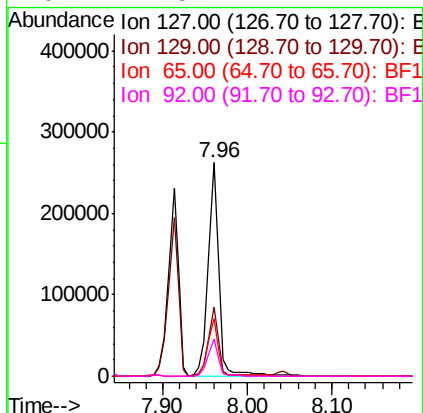
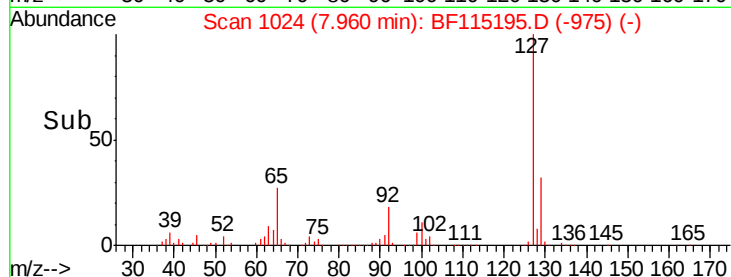
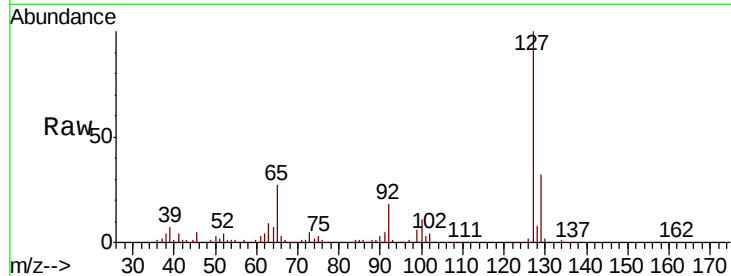




#33
4-Chloroaniline
Concen: 10.517 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

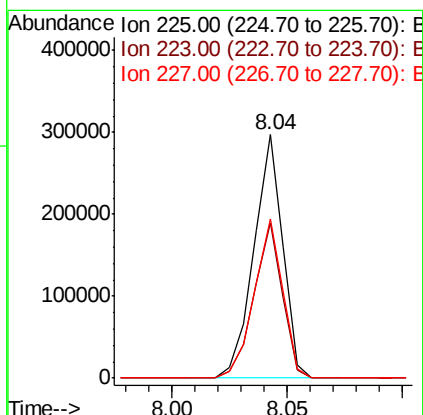
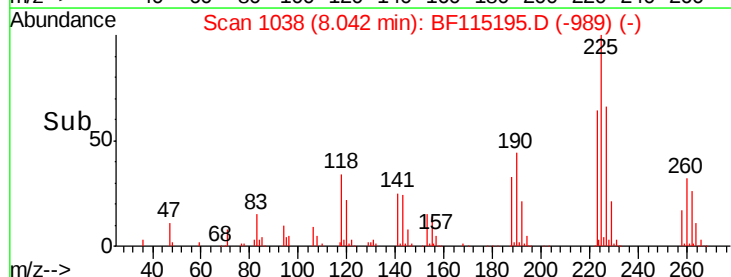
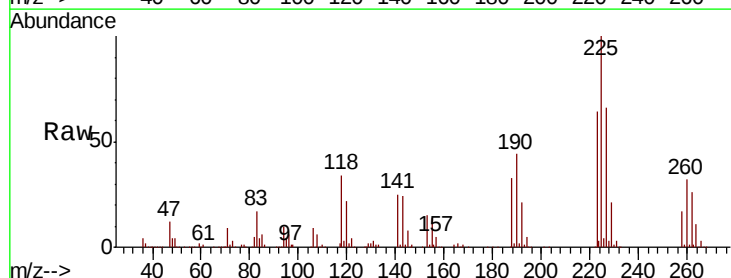
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

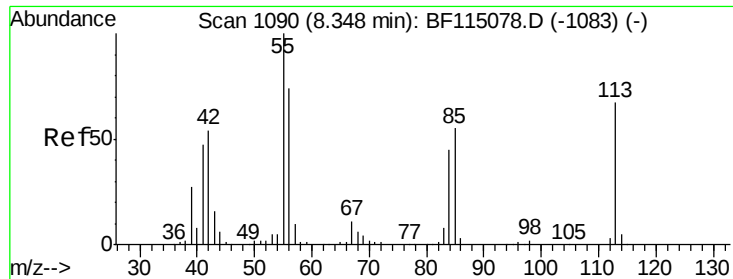
Tgt Ion:	127	Resp:	233199
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.0	21.4	32.2
92	17.5	14.1	21.1



#34
Hexachlorobutadiene
Concen: 28.957 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:	225	Resp:	258893
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.2
227	65.6	51.8	77.8

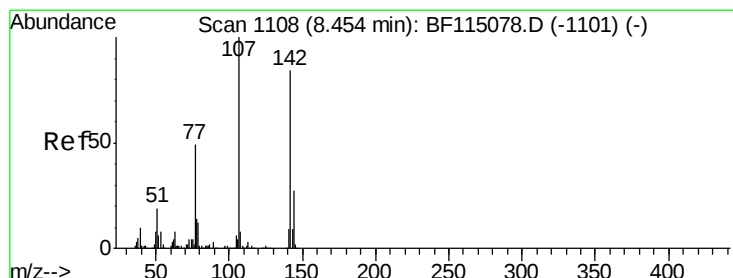
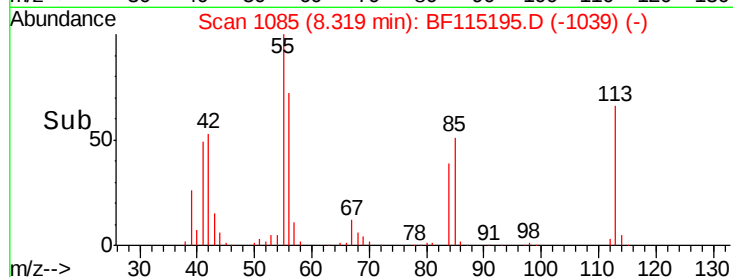
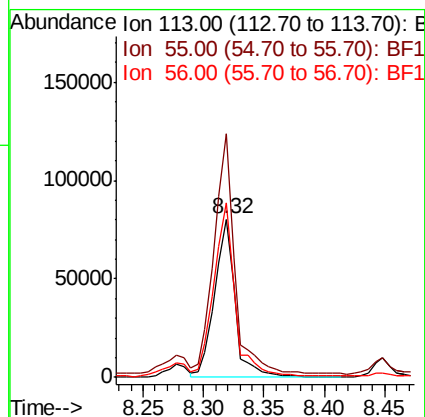
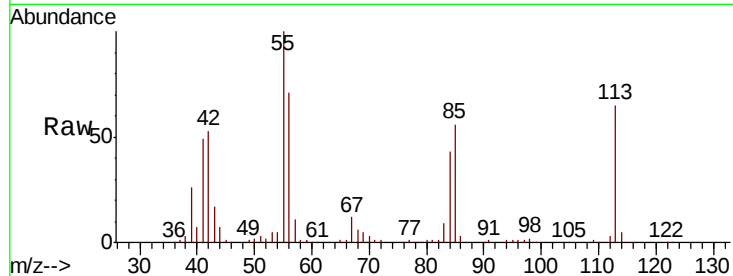




#35
 Caprolactam
 Concen: 18.956 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

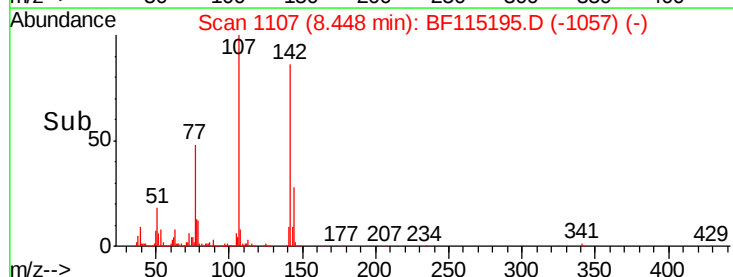
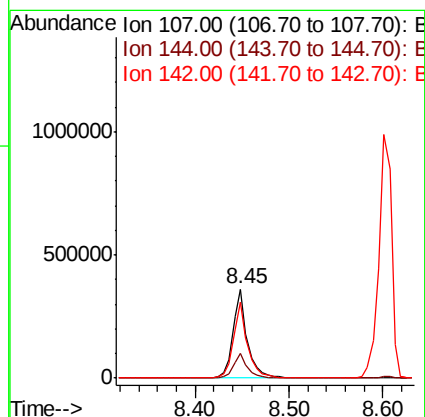
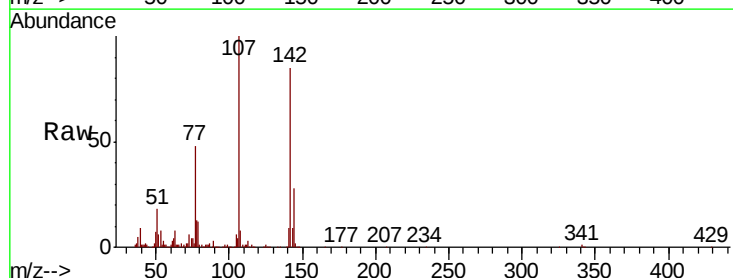
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion:113 Resp: 94133
 Ion Ratio Lower Upper
 113 100
 55 153.6 130.2 170.2
 56 109.8 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 25.494 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:107 Resp: 381344
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.7 32.5
 142 85.5 67.0 100.4

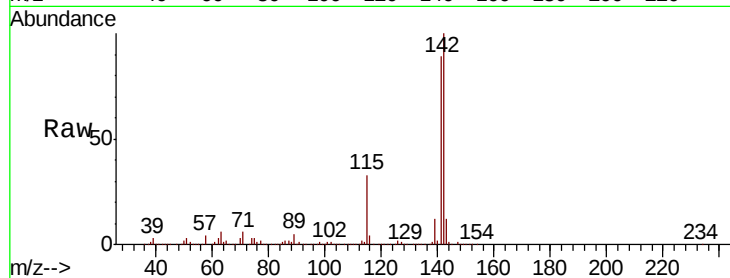




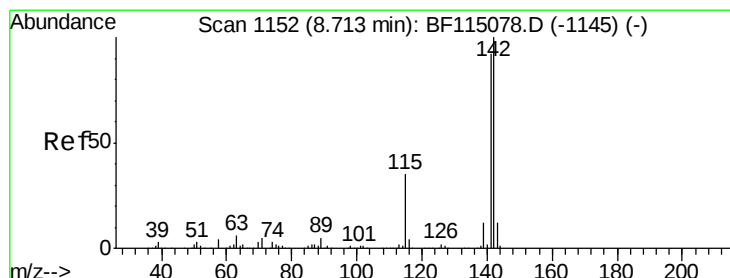
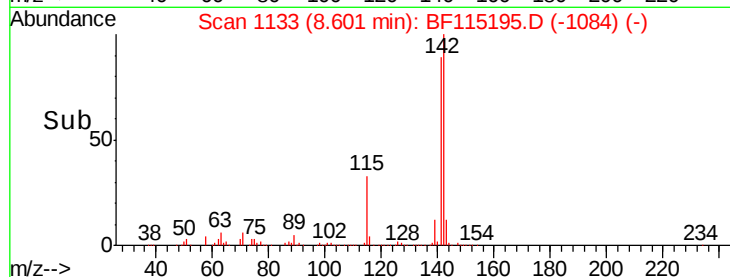
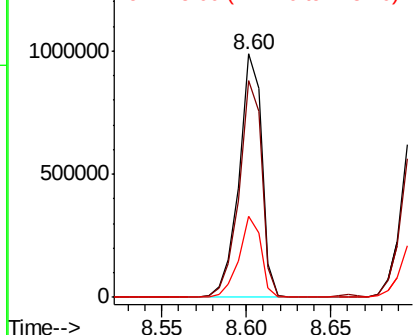
#37
2-Methylnaphthalene
Concen: 28.531 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	33.3	26.7	40.1

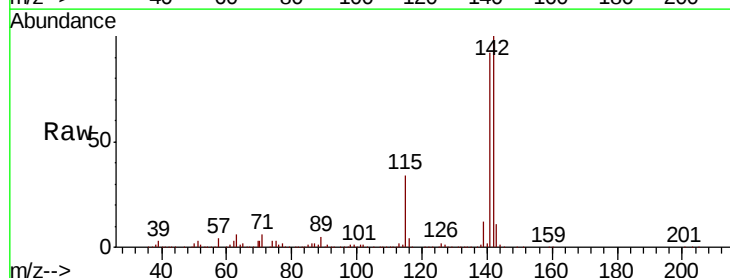


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

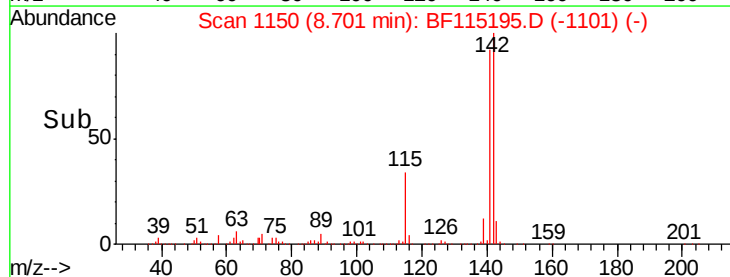
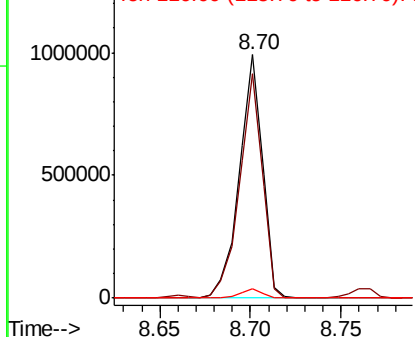


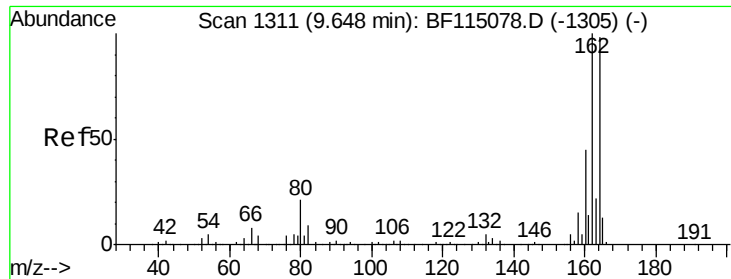
#38
1-Methylnaphthalene
Concen: 27.915 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.6	2.8	4.2



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

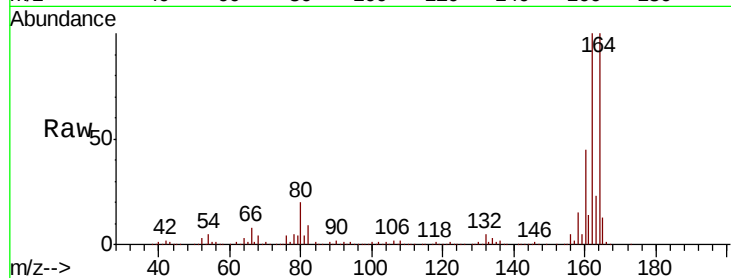




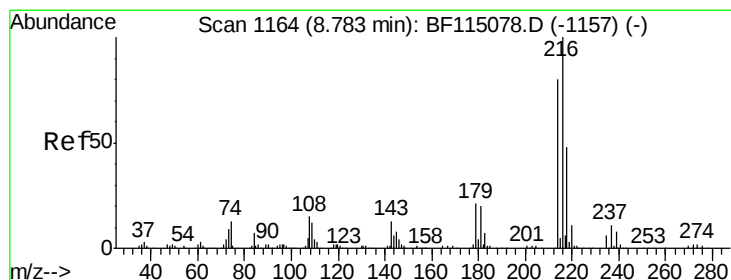
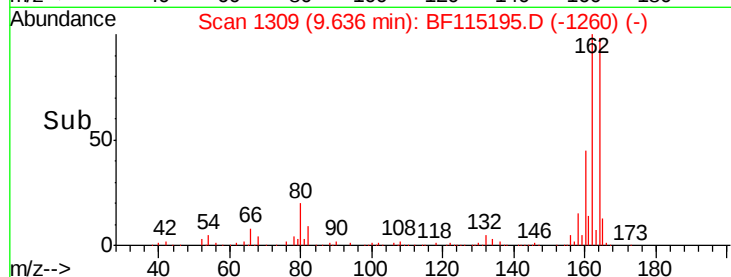
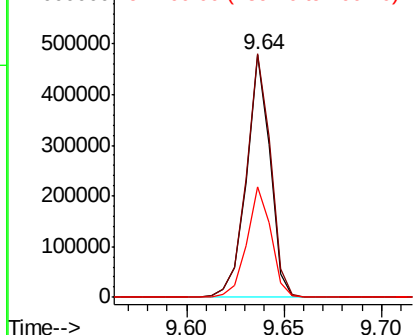
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion:164 Resp: 400189
Ion Ratio Lower Upper
164 100
162 100.4 81.7 122.5
160 45.3 37.0 55.4

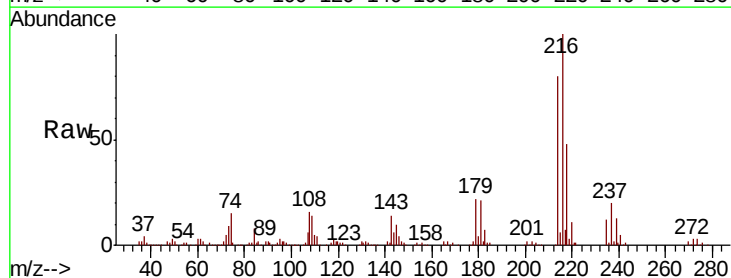


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

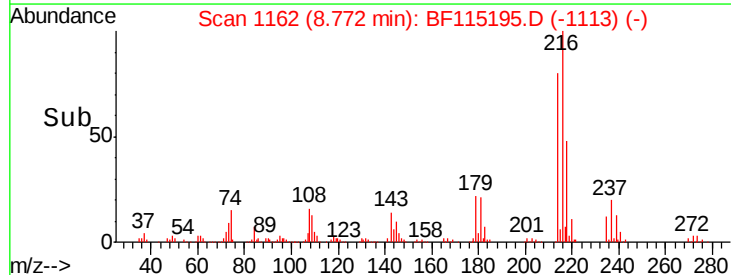
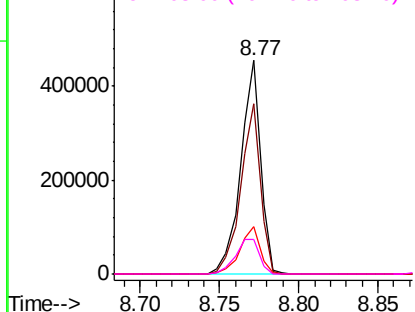


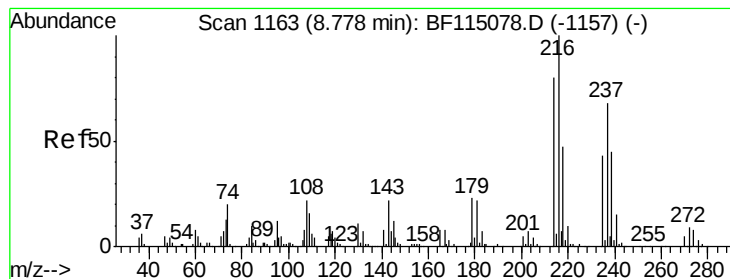
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.907 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:216 Resp: 394755
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 22.2 17.6 26.4
108 19.8 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: 46.493 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

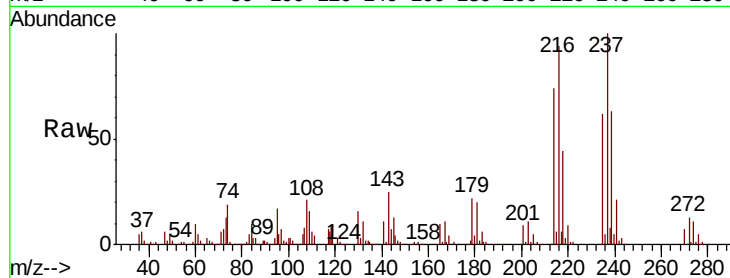
Tgt Ion: 237 Resp: 311766

Ion Ratio Lower Upper

237 100

235 62.1 43.9 83.9

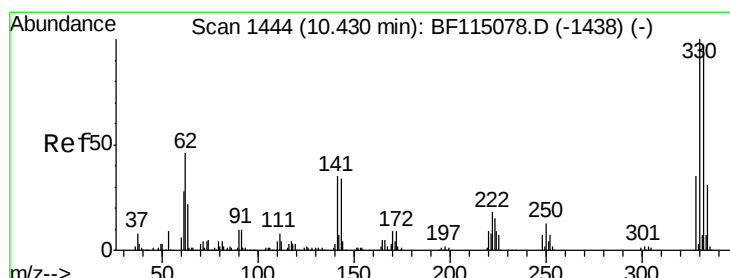
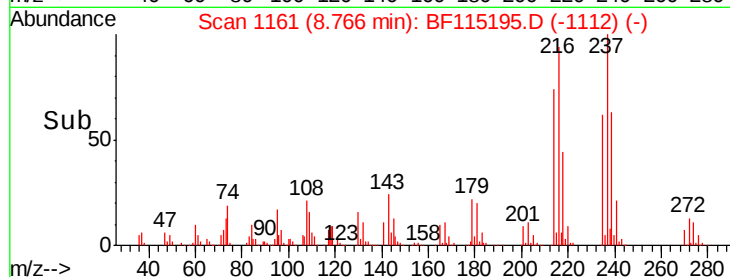
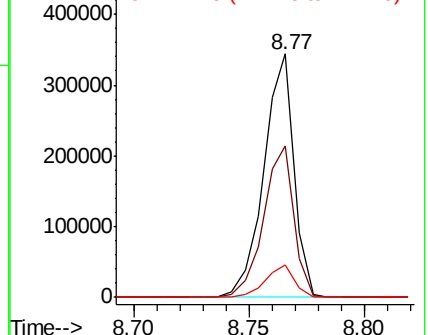
272 13.3 0.0 33.8



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: 81.659 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

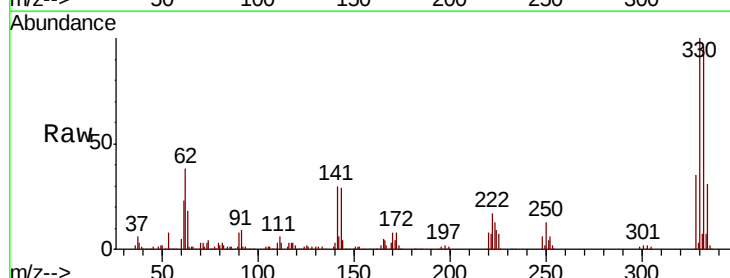
Tgt Ion: 330 Resp: 344610

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

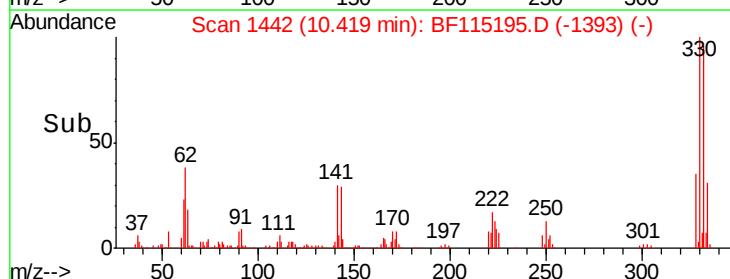
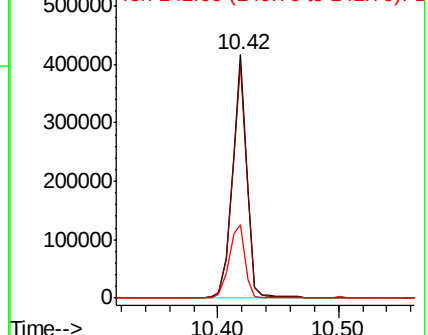
141 33.8 28.2 42.2



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

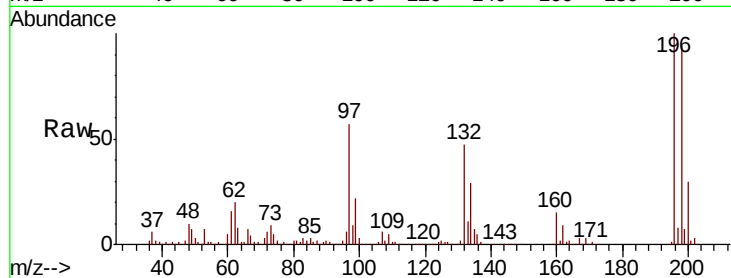




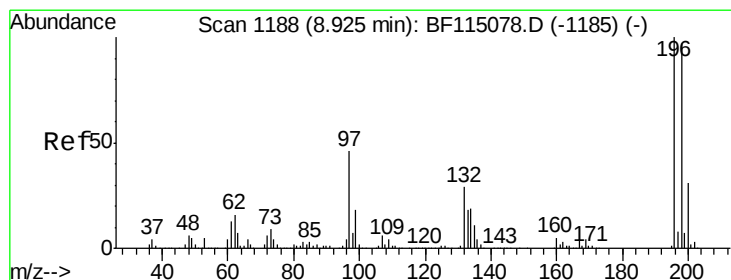
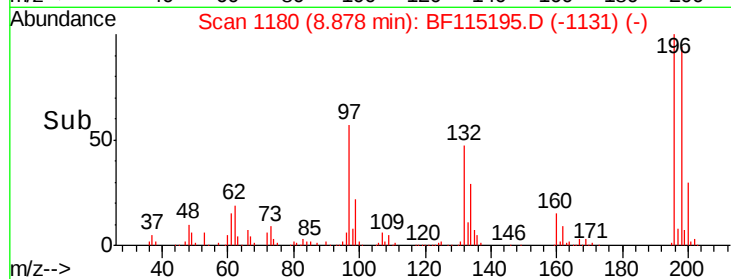
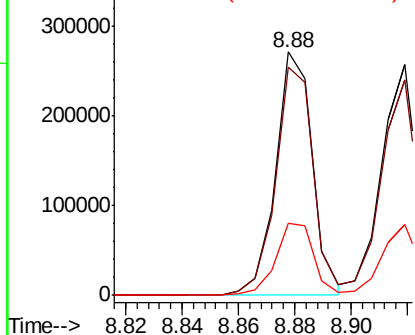
#43
 2,4,6-Trichlorophenol
 Concen: 28.049 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion:196 Resp: 244883
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.3 114.5
 200 29.8 24.2 36.4

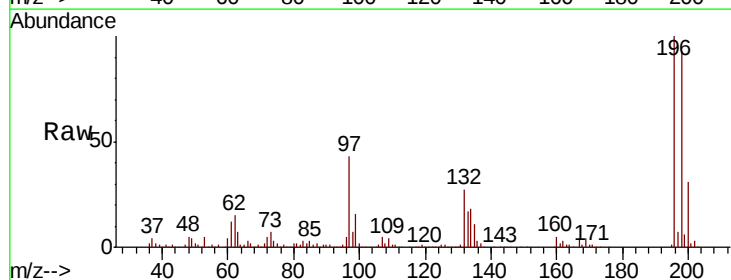


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

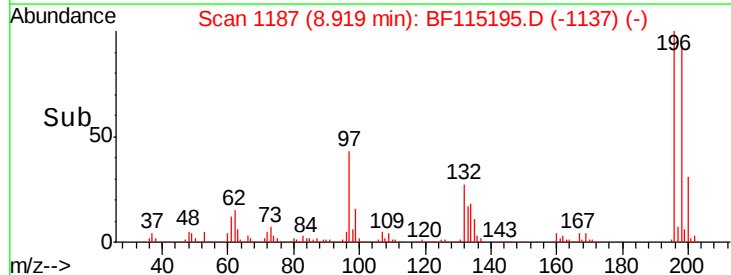
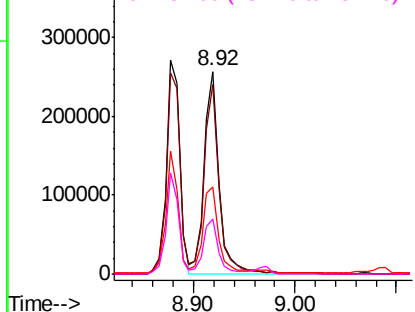


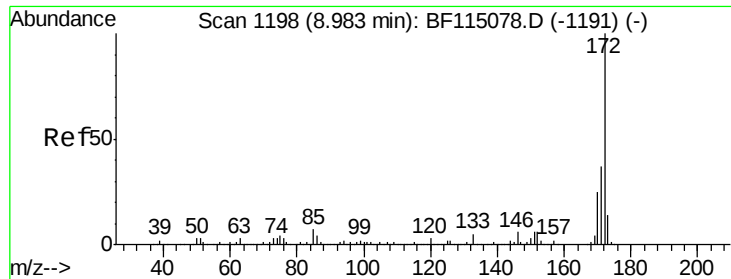
#44
 2,4,5-Trichlorophenol
 Concen: 29.098 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:196 Resp: 261618
 Ion Ratio Lower Upper
 196 100
 198 93.2 77.1 115.7
 97 43.3 37.7 56.5
 132 27.3 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

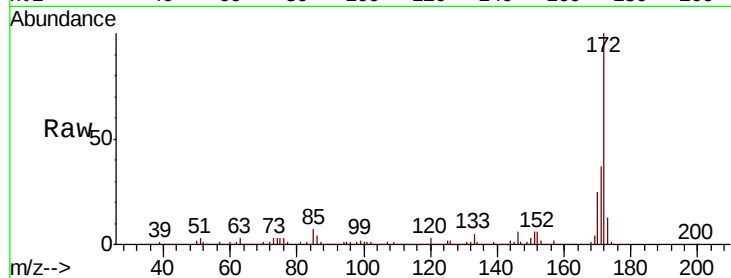




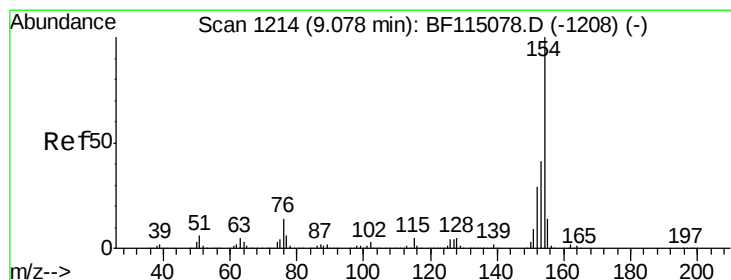
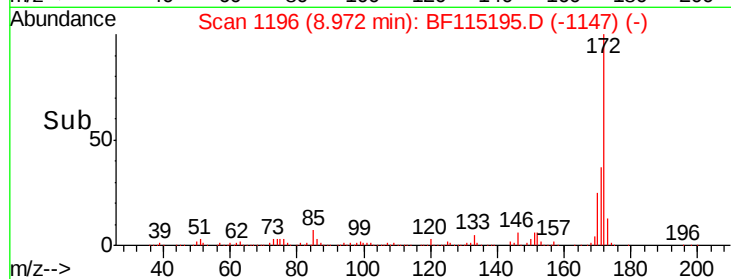
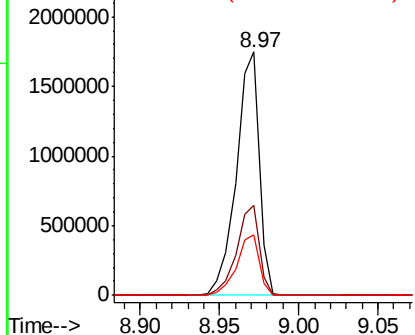
#45
 2-Fluorobiphenyl
 Concen: 74.250 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion:172 Resp: 1749299
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.1 20.3 30.5

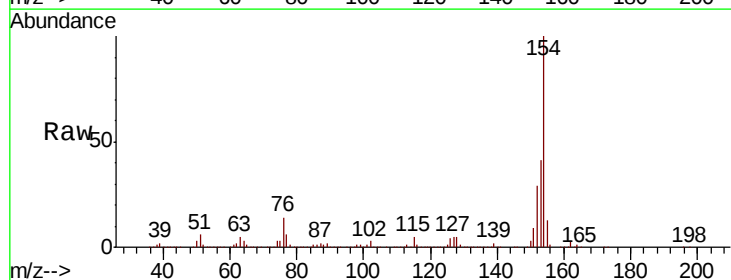


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

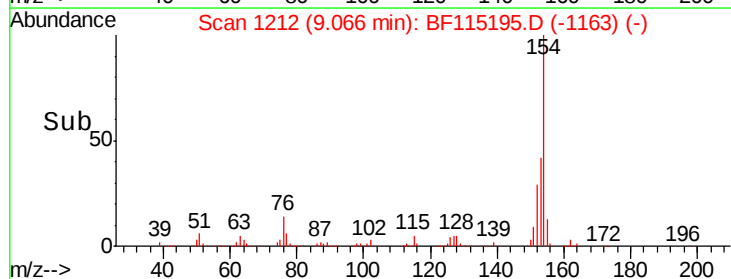
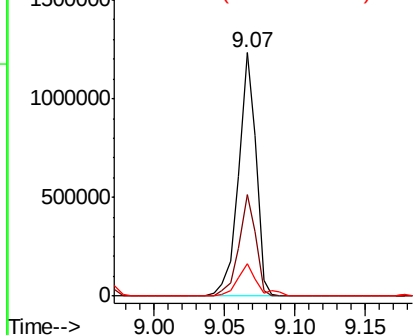


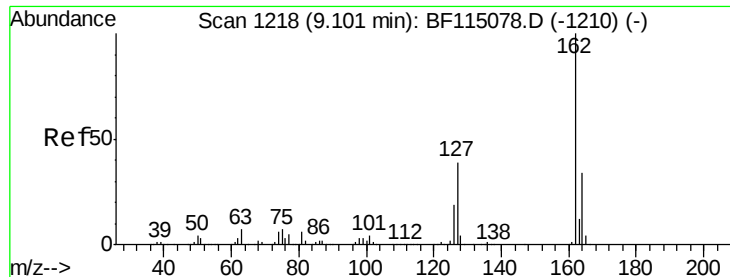
#46
 1,1'-Biphenyl
 Concen: 33.032 ng
 RT: 9.07 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:154 Resp: 1057709
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.9 60.9
 76 13.5 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

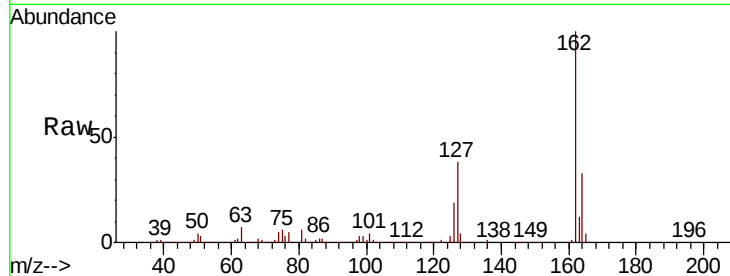




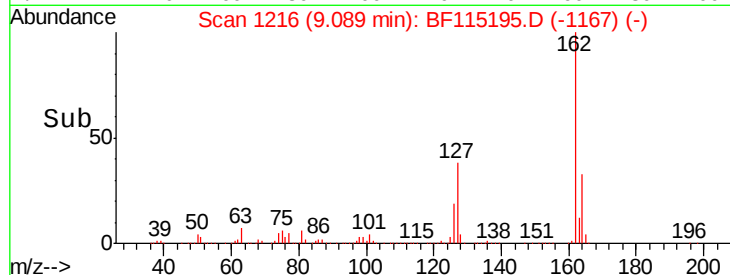
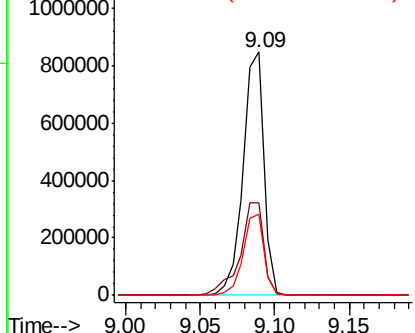
#47
 2-Chloronaphthalene
 Concen: 31.718 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion: 162 Resp: 823842
 Ion Ratio Lower Upper
 162 100
 127 38.1 30.8 46.2
 164 33.3 27.0 40.4

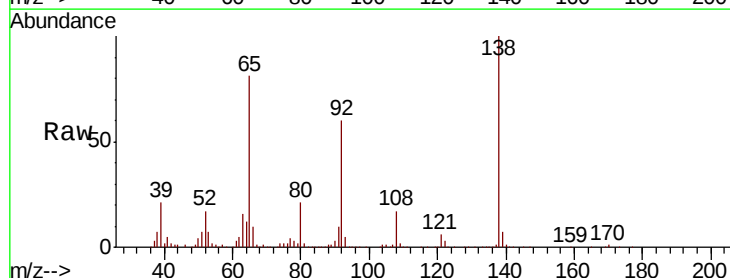


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

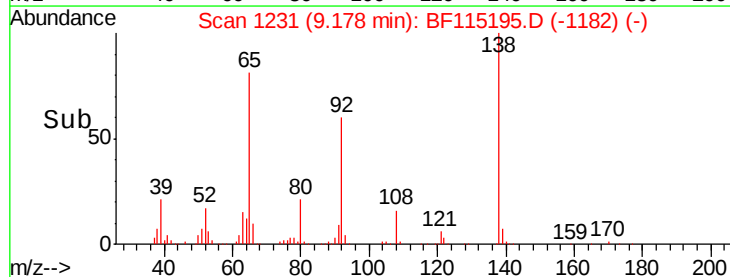
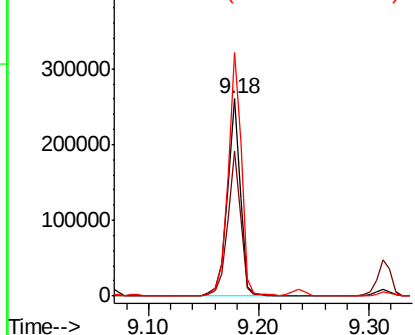


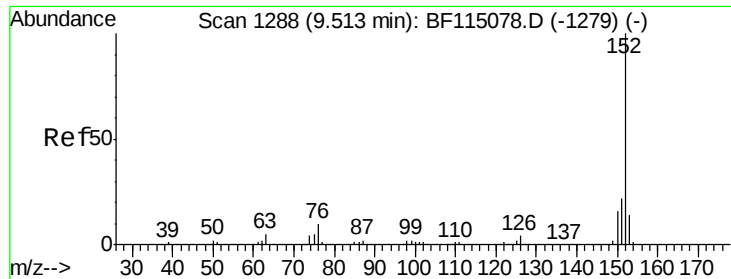
#48
 2-Nitroaniline
 Concen: 28.858 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion: 65 Resp: 218528
 Ion Ratio Lower Upper
 65 100
 92 73.8 57.4 86.2
 138 123.6 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: 30.654 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

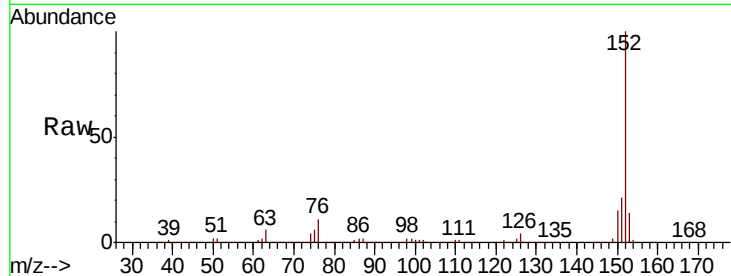
Tgt Ion:152 Resp: 1240516

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

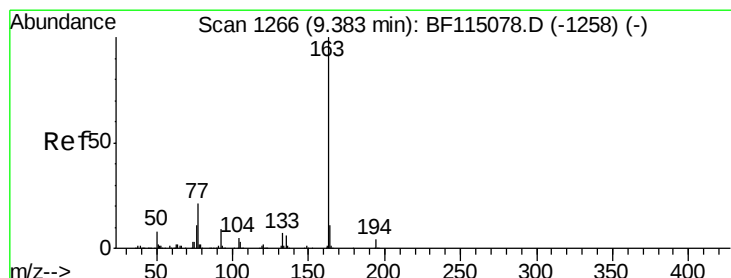
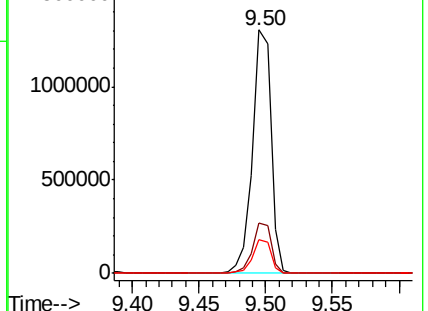
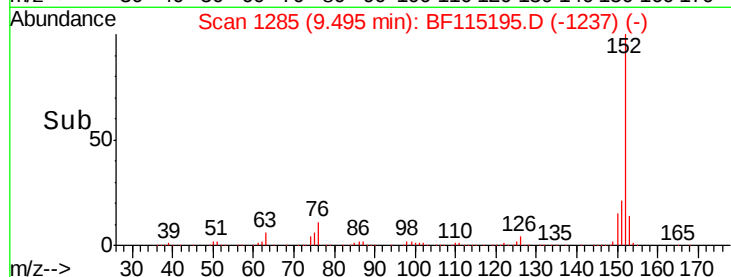
153 14.0 11.0 16.6



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: 43.497 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

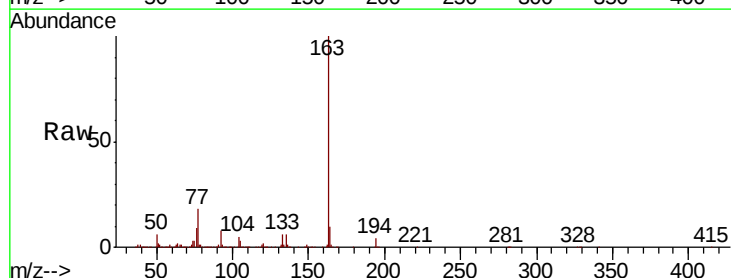
Tgt Ion:163 Resp: 1280671

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

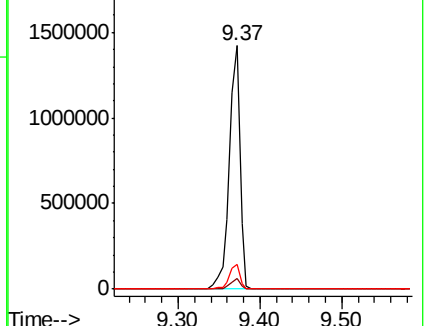
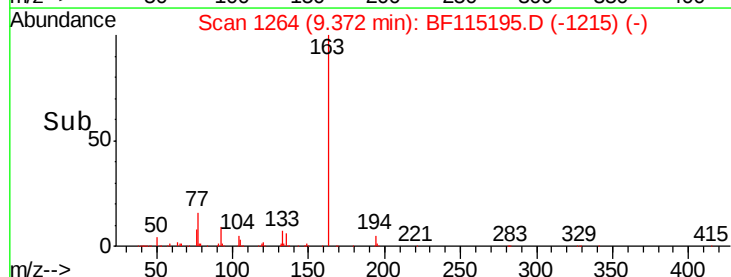
164 10.3 8.6 13.0

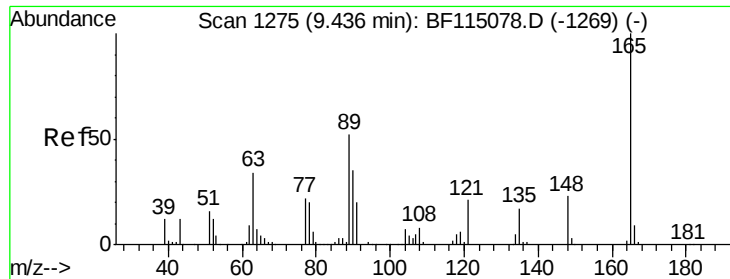


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 28.749 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

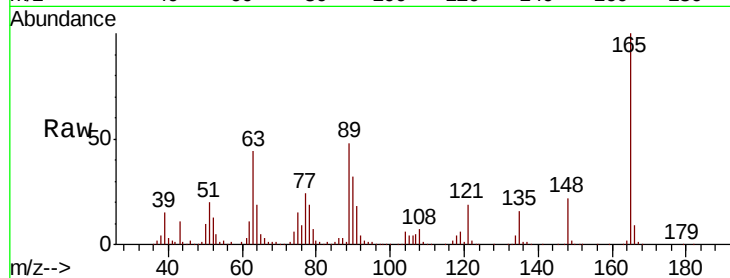
Tgt Ion:165 Resp: 195418

Ion Ratio Lower Upper

165 100

63 43.8 39.4 59.2

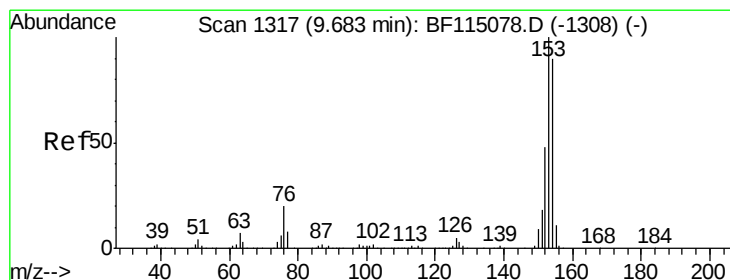
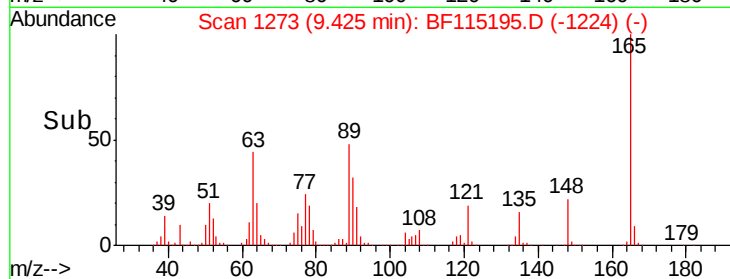
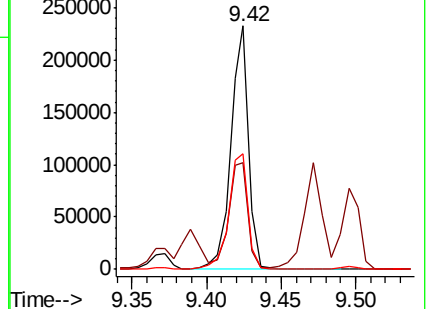
89 47.7 42.0 63.0



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: 30.463 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

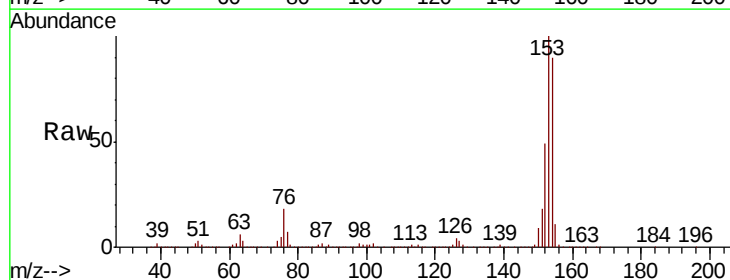
Tgt Ion:154 Resp: 771421

Ion Ratio Lower Upper

154 100

153 111.6 88.7 133.1

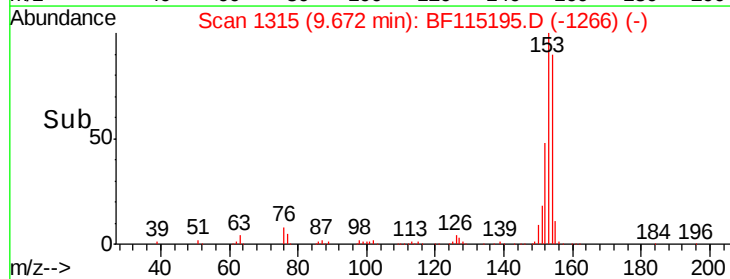
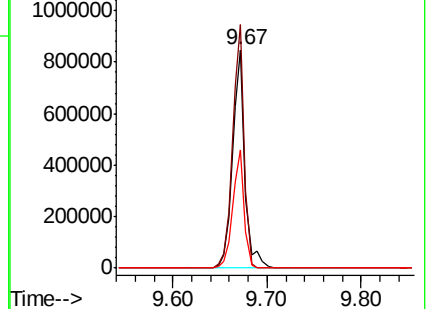
152 54.4 42.6 64.0

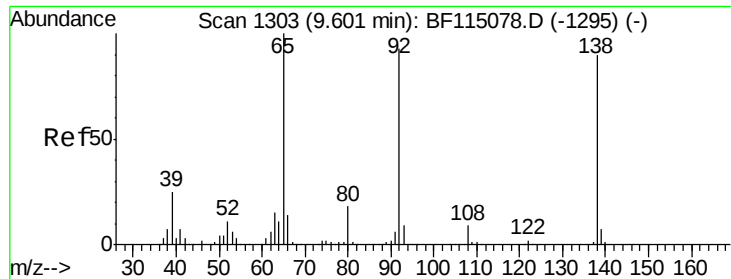


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

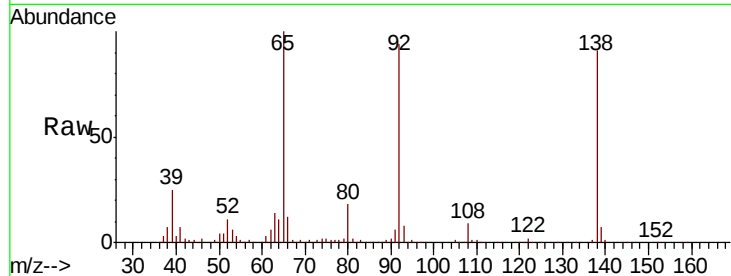




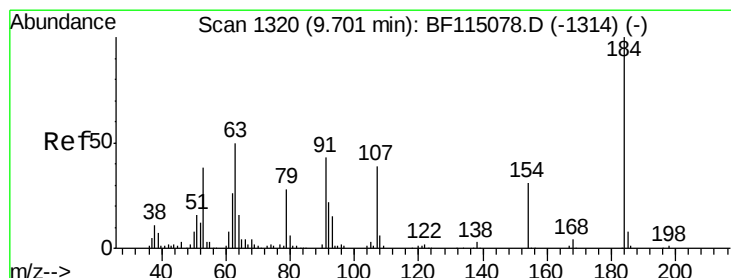
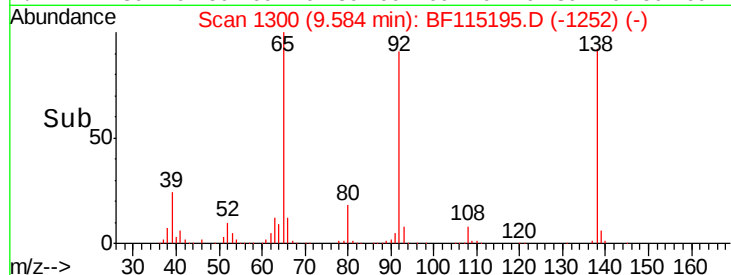
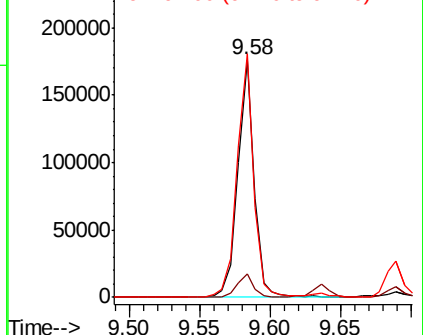
#53
 3-Nitroaniline
 Concen: 17.216 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion:138 Resp: 142810
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.6
 92 102.5 82.9 124.3

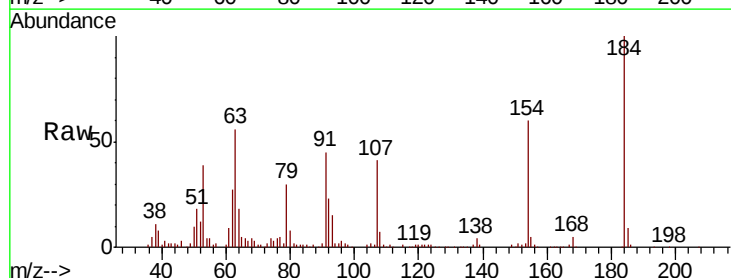


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

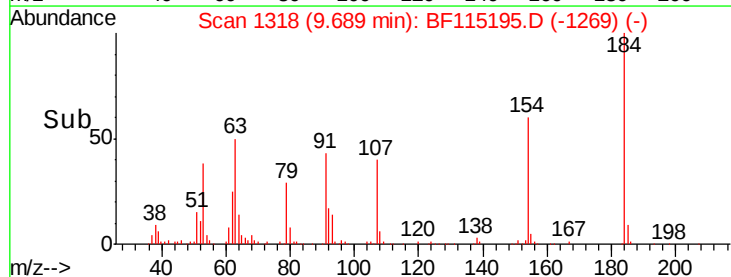
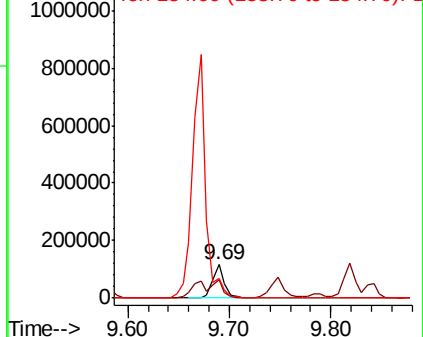


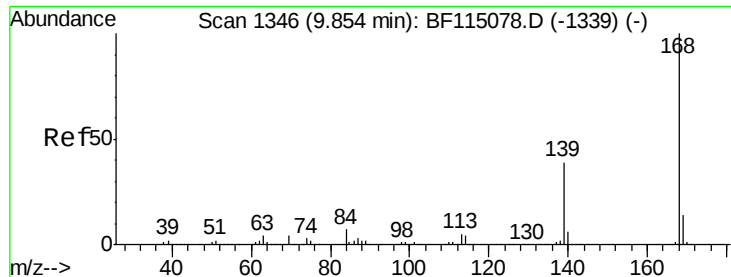
#54
 2,4-Dinitrophenol
 Concen: 31.612 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:184 Resp: 93464
 Ion Ratio Lower Upper
 184 100
 63 55.6 41.9 62.9
 154 59.6 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

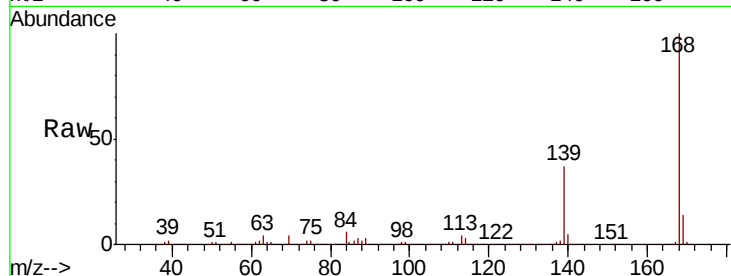




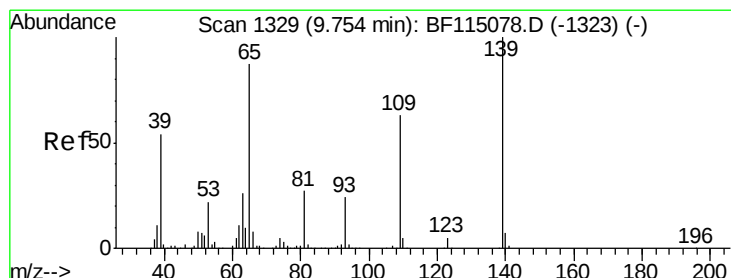
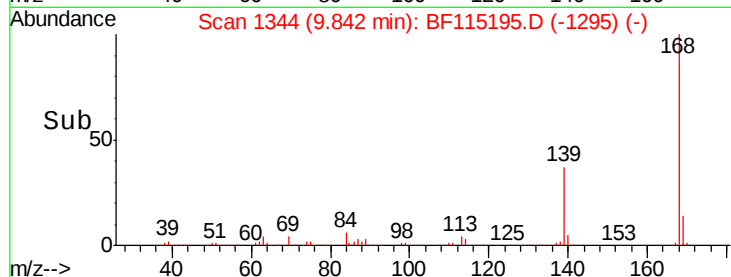
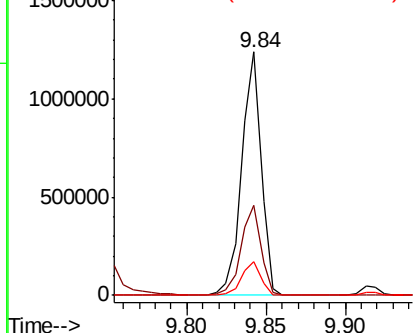
#55
Dibenzofuran
Concen: 29.035 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion:168 Resp: 1055297
Ion Ratio Lower Upper
168 100
139 36.8 31.1 46.7
169 13.7 11.3 16.9

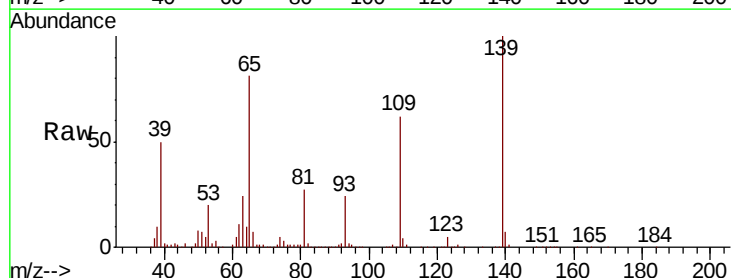


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

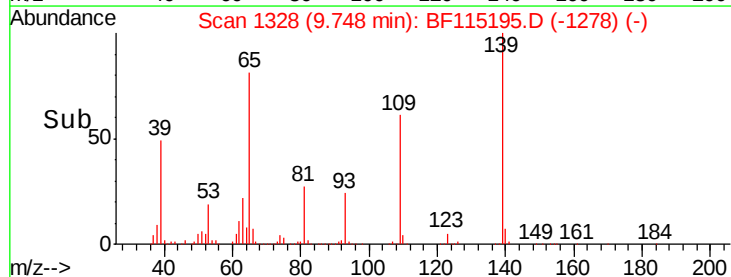
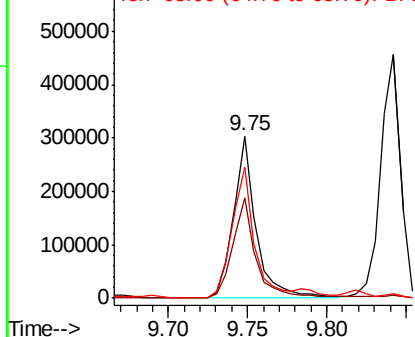


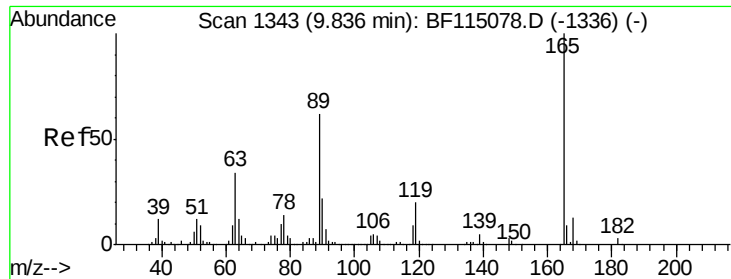
#56
4-Nitrophenol
Concen: 45.692 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:139 Resp: 303860
Ion Ratio Lower Upper
139 100
109 61.7 43.0 83.0
65 81.1 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

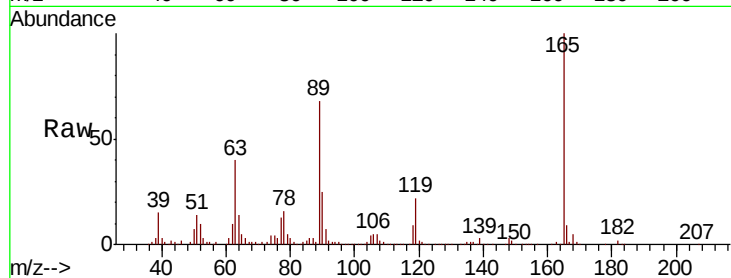




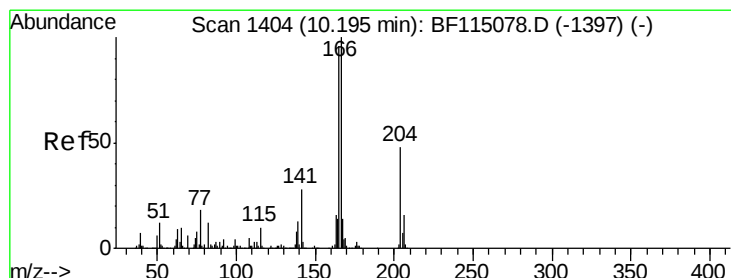
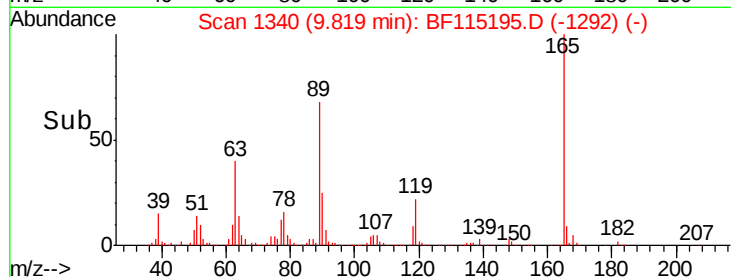
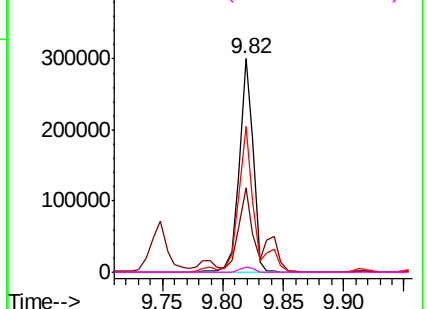
#57
 2,4-Dinitrotoluene
 Concen: 27.557 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion:	165	Resp:	241866
Ion	Ratio	Lower	Upper
165	100		
63	39.8	27.5	41.3
89	68.1	49.9	74.9
182	2.4	2.1	3.1

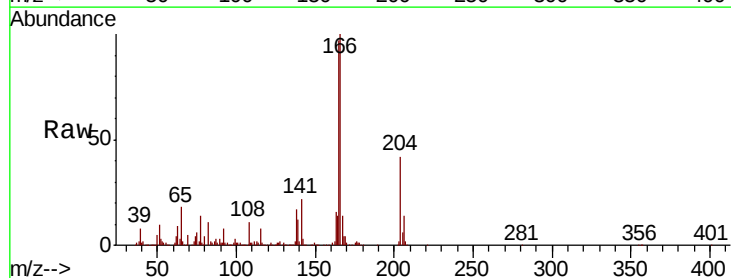


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

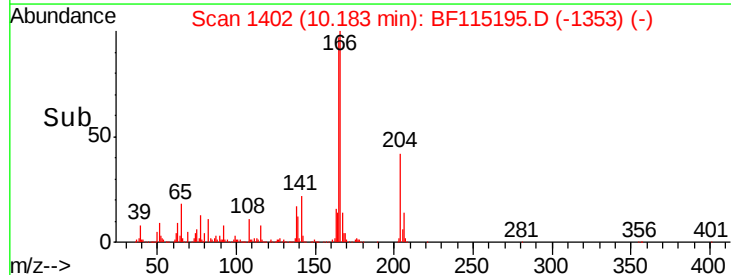
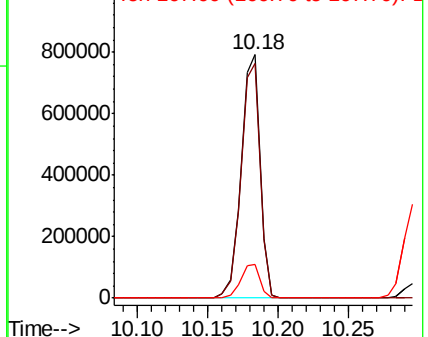


#58
 Fluorene
 Concen: 28.213 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:	166	Resp:	742165
Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.5	114.7
167	13.8	11.0	16.4



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

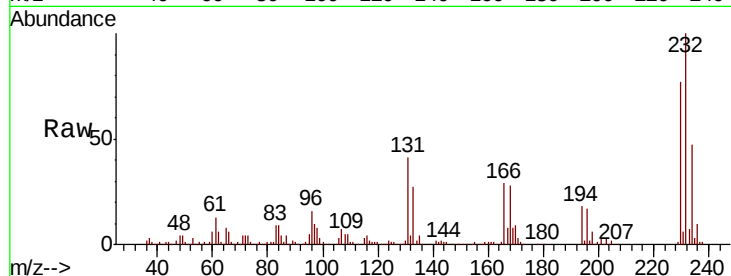




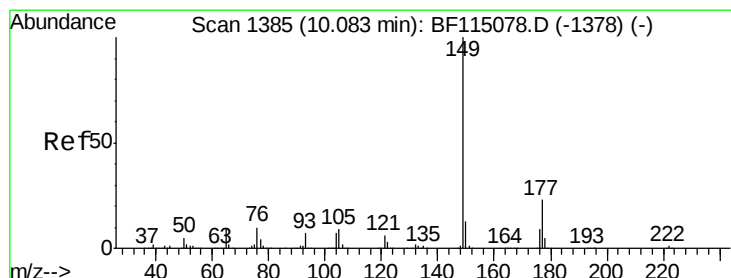
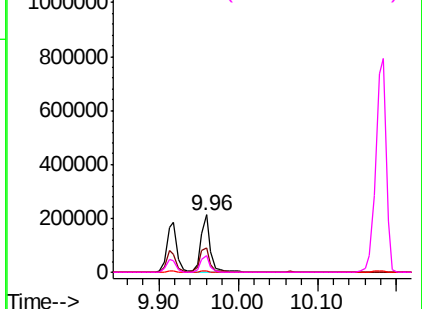
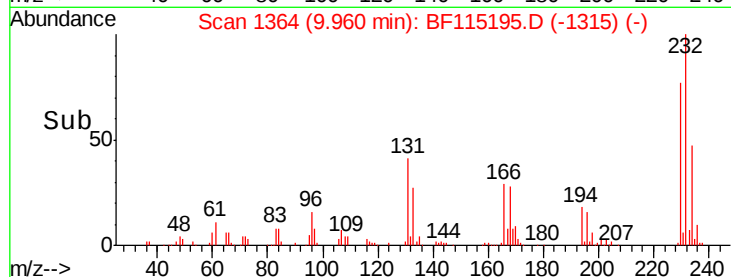
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 24.414 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion:	232	Resp:	184059
Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.4	56.0
130	2.2	1.8	2.6
166	29.3	24.6	36.8

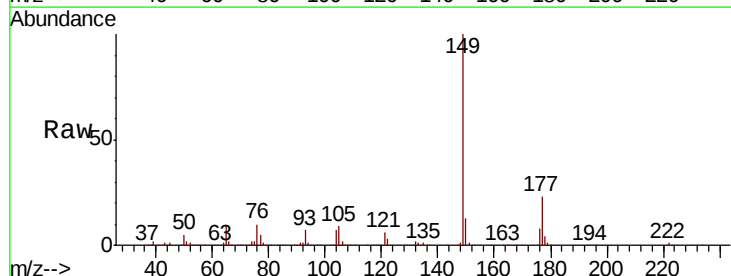


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

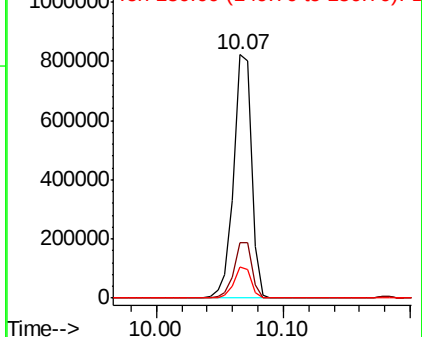
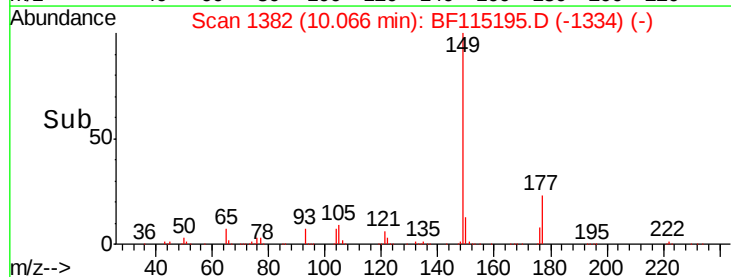


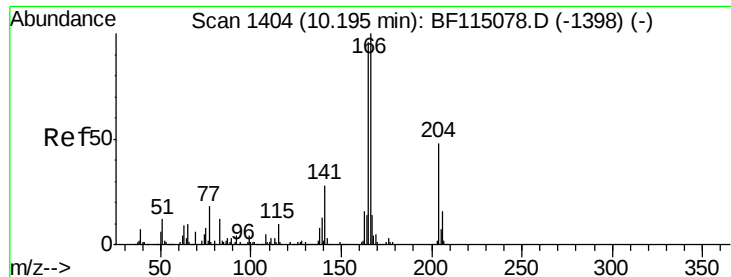
#60
 Diethylphthalate
 Concen: 26.942 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:	149	Resp:	797364
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.7	28.1
150	12.8	10.4	15.6



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

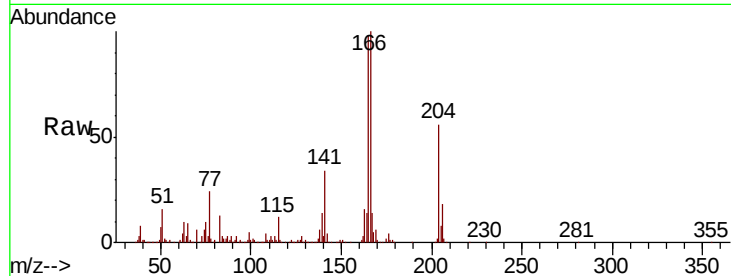




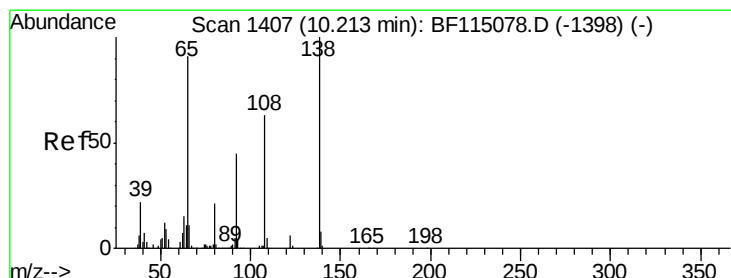
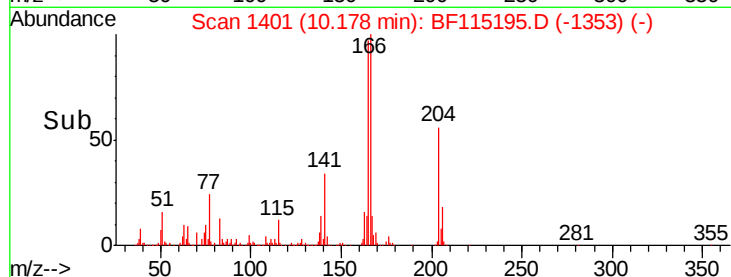
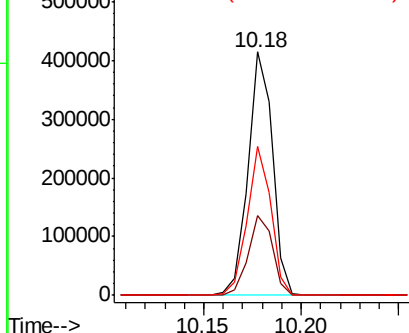
#61
 4-Chlorophenyl-phenylether
 Concen: 28.904 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion:204 Resp: 360360
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.6 40.0
 141 61.0 46.7 70.1

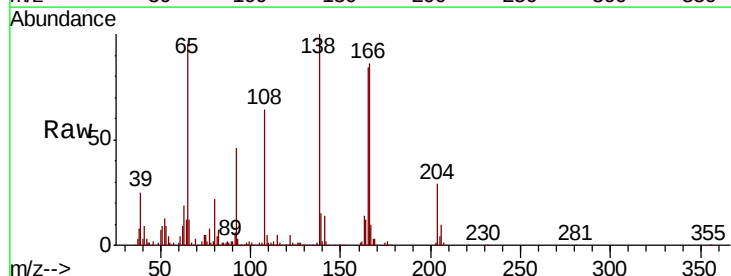


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

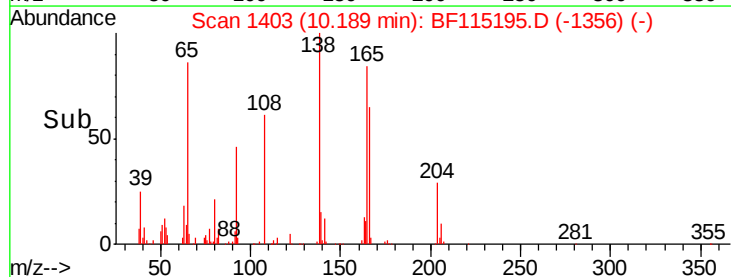
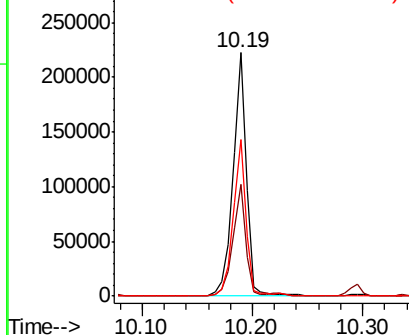


#62
 4-Nitroaniline
 Concen: 23.086 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:138 Resp: 192110
 Ion Ratio Lower Upper
 138 100
 92 46.0 24.8 64.8
 108 64.4 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: 26.682 ng

RT: 10.34 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tgt Ion: 77 Resp: 737602

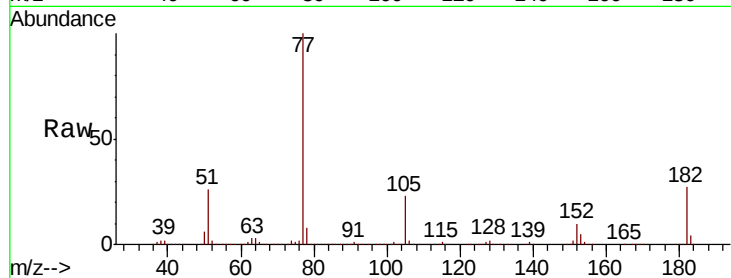
Ion Ratio Lower Upper

77 100

182 27.0 10.1 50.1

105 23.1 4.5 44.5

51 26.3 6.4 46.4

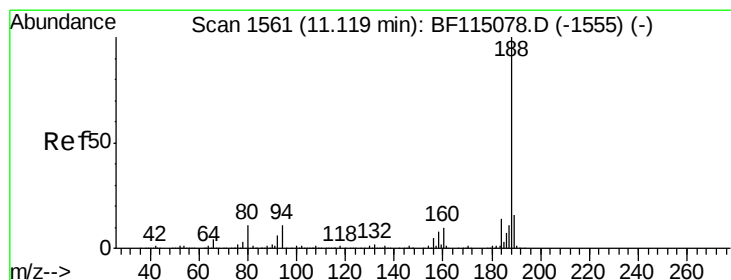
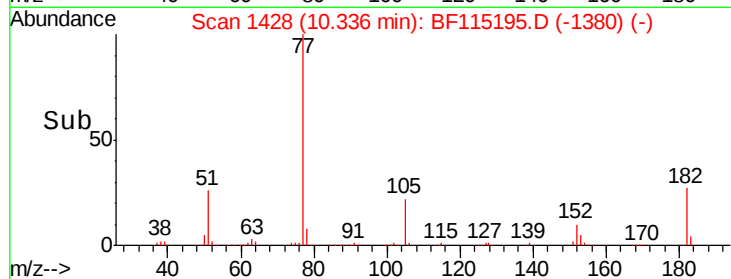
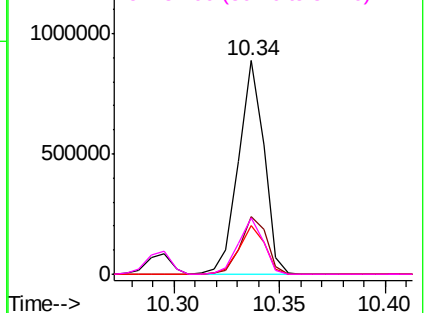


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

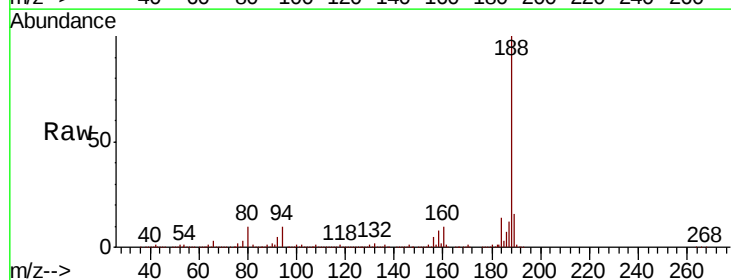
Tgt Ion: 188 Resp: 662779

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

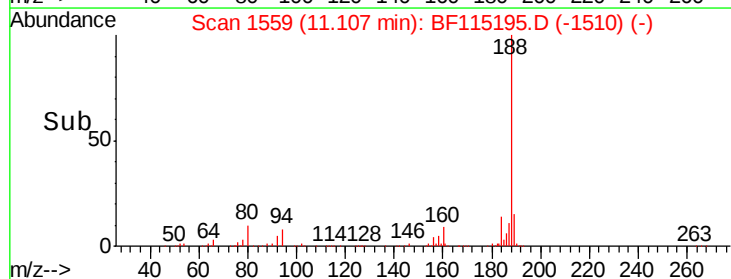
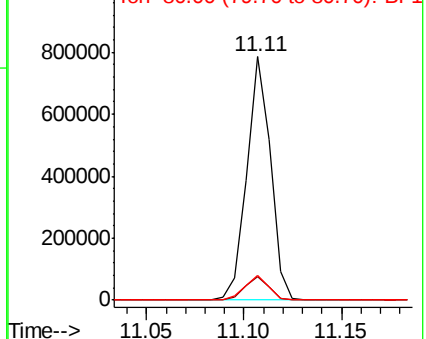
80 10.1 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 25.160 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

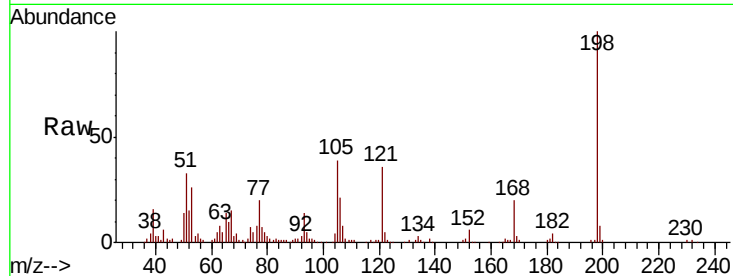
Tgt Ion:198 Resp: 79446

Ion Ratio Lower Upper

198 100

51 33.2 11.0 51.0

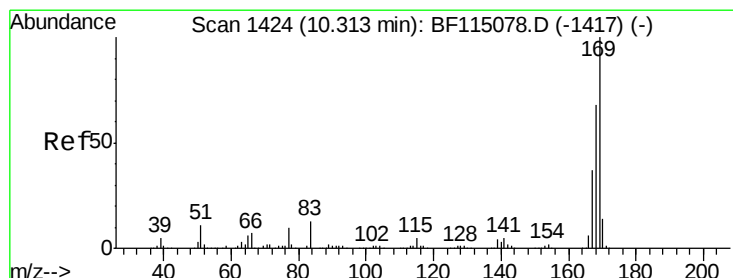
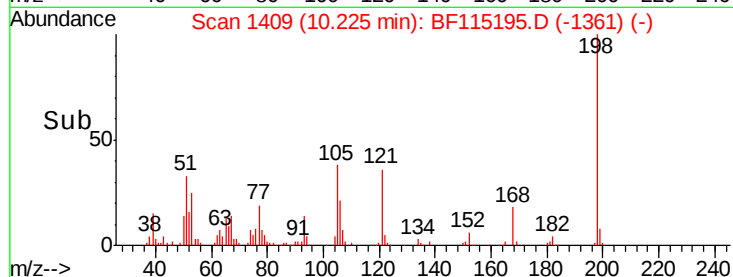
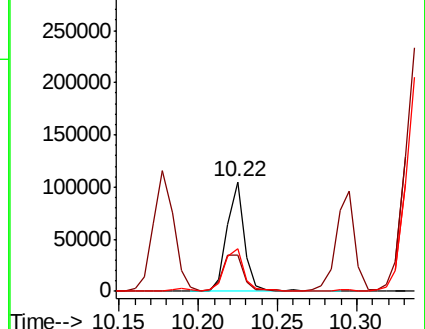
105 39.3 17.3 57.3



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: 32.302 ng

RT: 10.30 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

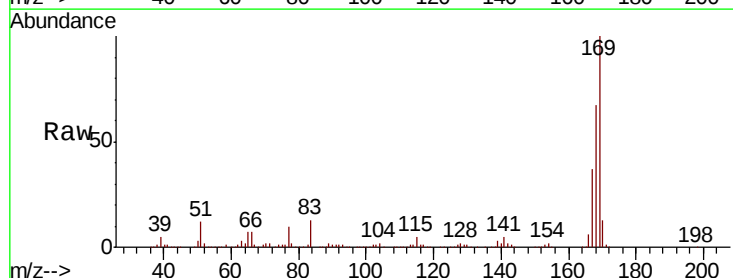
Tgt Ion:169 Resp: 667005

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.4

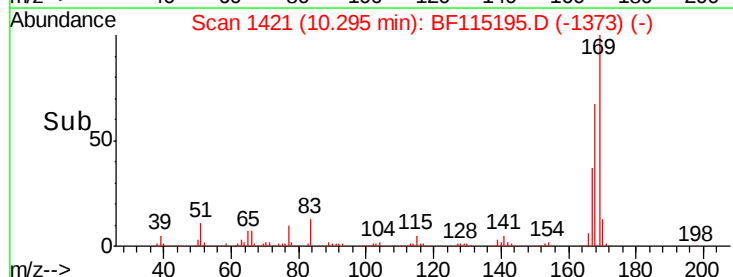
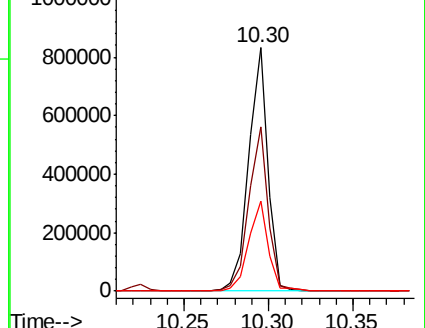
167 36.9 29.4 44.0



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

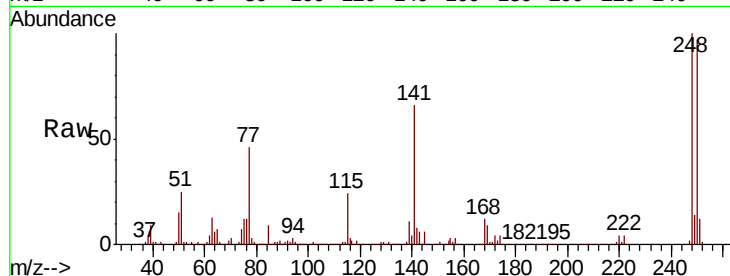




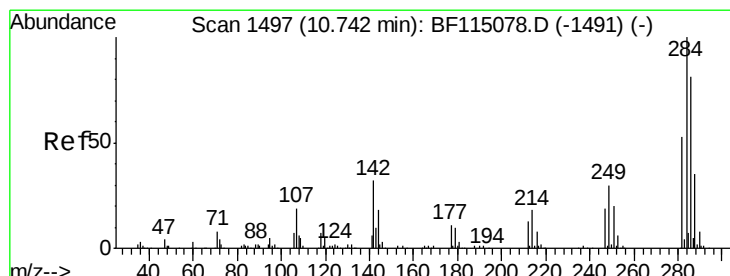
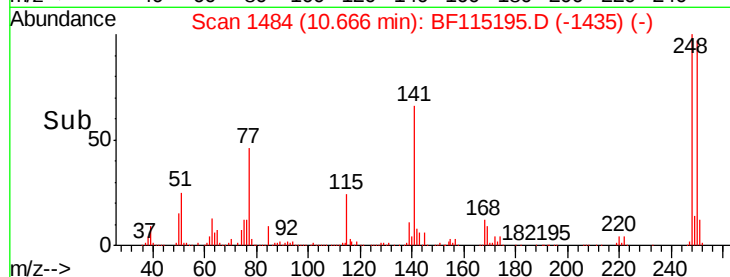
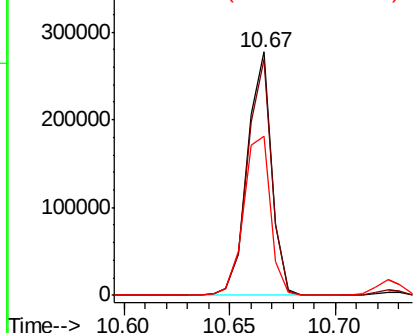
#67
 4-Bromophenyl-phenylether
 Concen: 30.931 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion: 248 Resp: 222264
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.2 114.2
 141 65.5 59.6 89.4

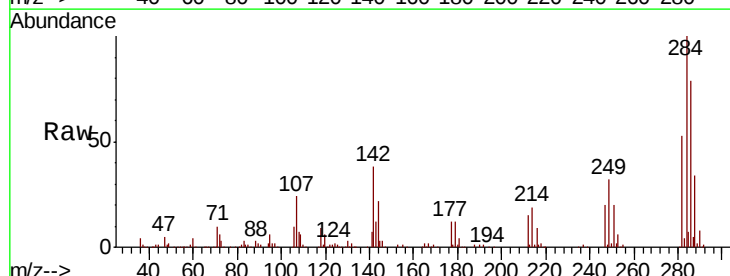


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

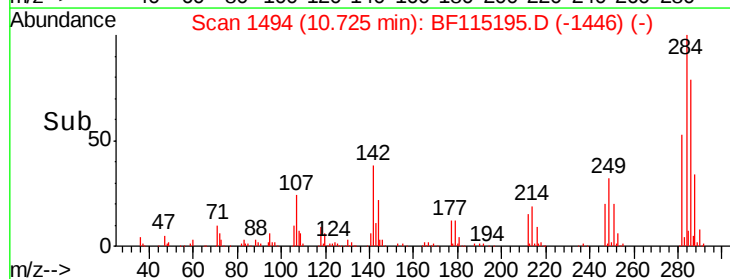
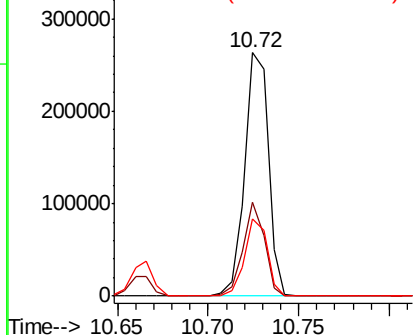


#68
 Hexachlorobenzene
 Concen: 30.774 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion: 284 Resp: 240030
 Ion Ratio Lower Upper
 284 100
 142 38.5 25.8 38.8
 249 31.8 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

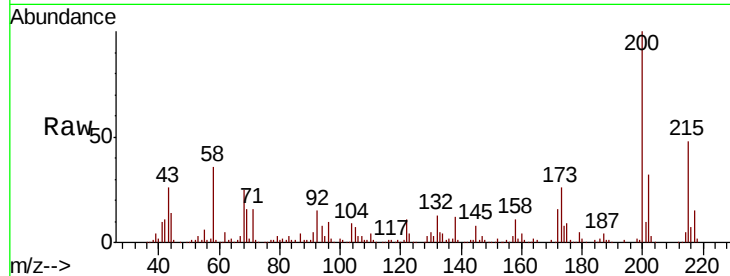




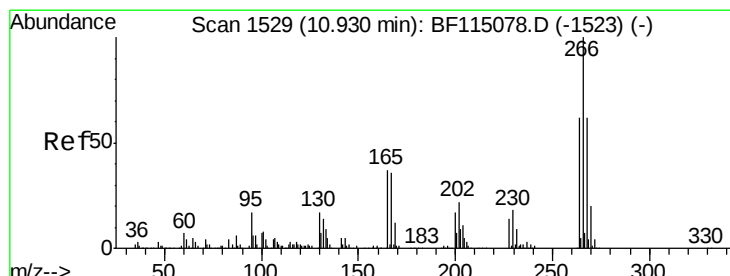
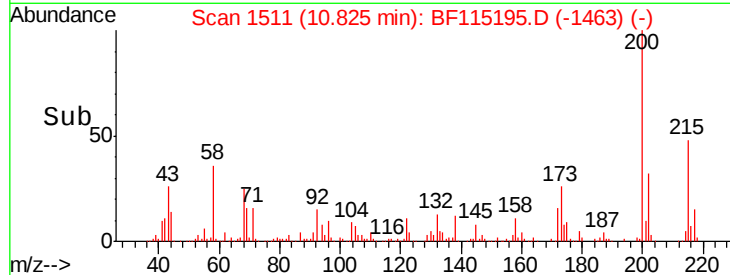
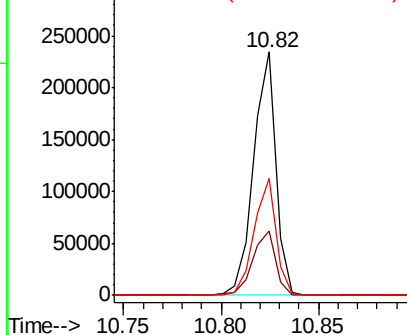
#69
 Atrazine
 Concen: 28.047 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.4	47.4
215	47.9	27.8	67.8

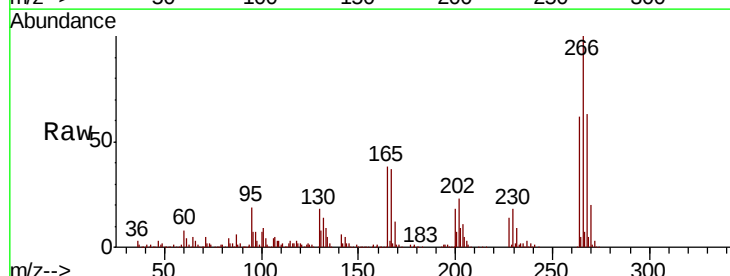


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

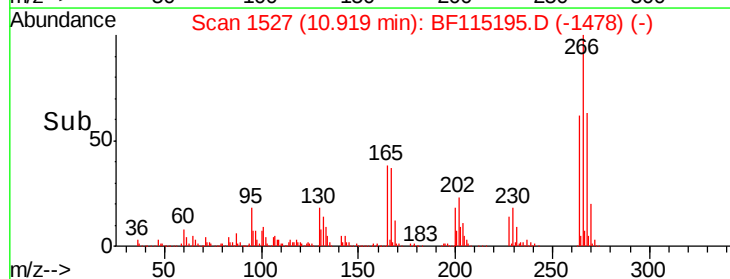
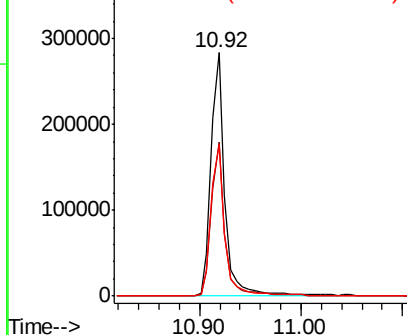


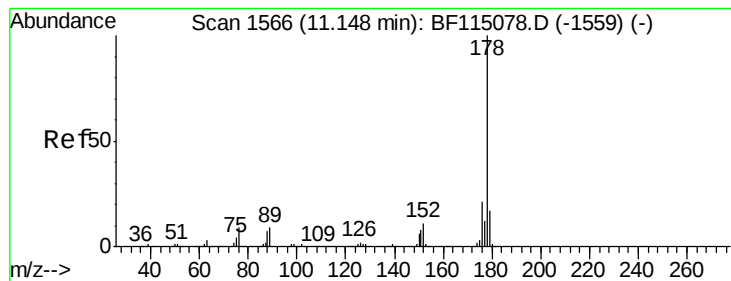
#70
 Pentachlorophenol
 Concen: 54.711 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.5	74.3
264	62.2	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: 30.143 ng

RT: 11.13 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

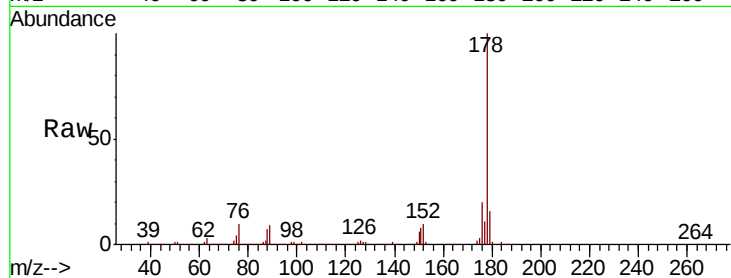
Tgt Ion:178 Resp: 1075664

Ion Ratio Lower Upper

178 100

176 20.1 16.9 25.3

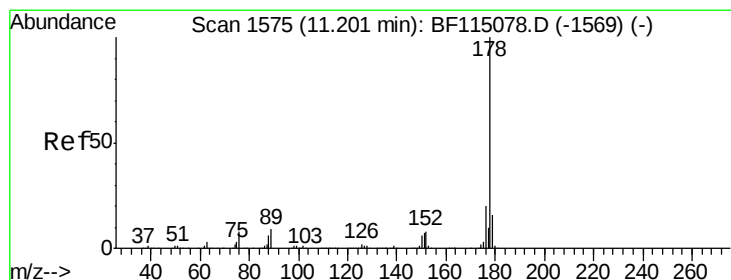
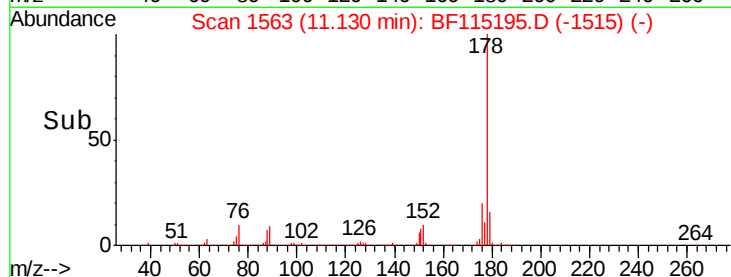
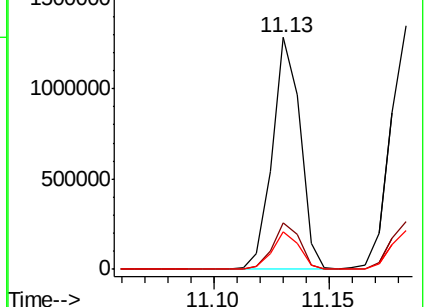
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 30.638 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

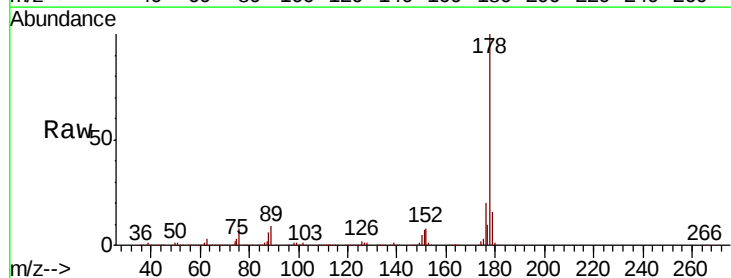
Tgt Ion:178 Resp: 1103625

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

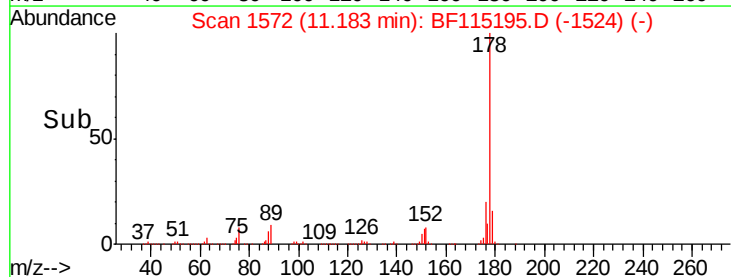
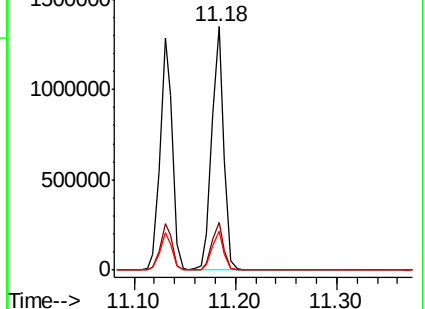
179 16.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

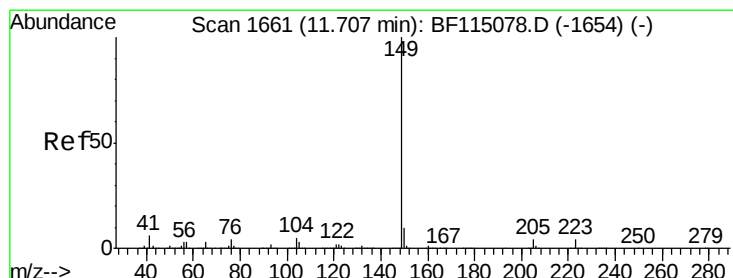
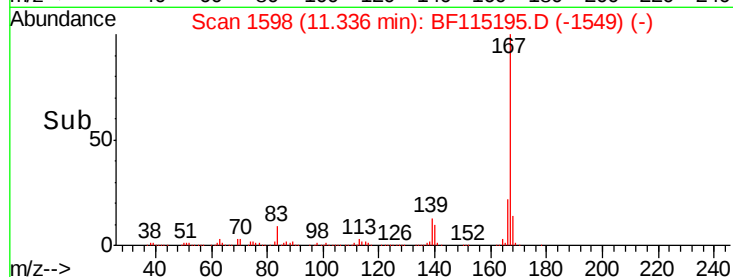
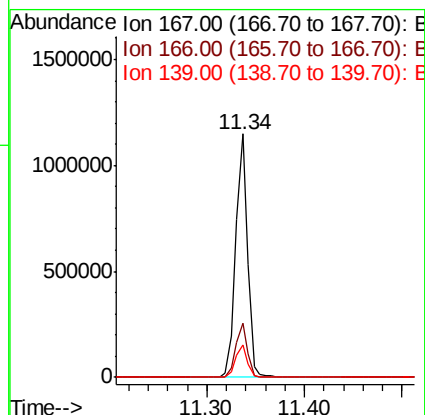
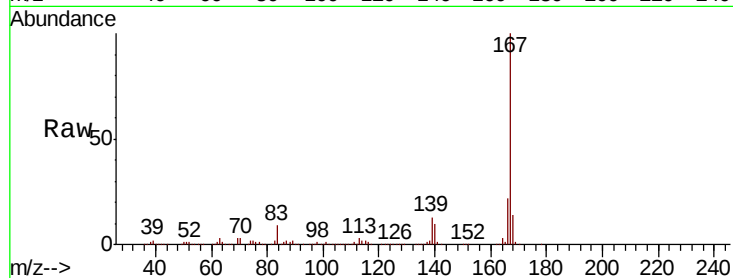




#73
 Carbazole
 Concen: 30.136 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

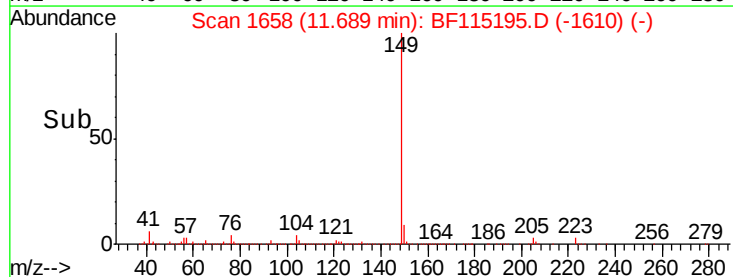
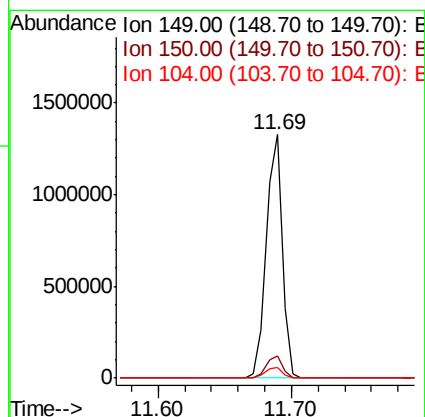
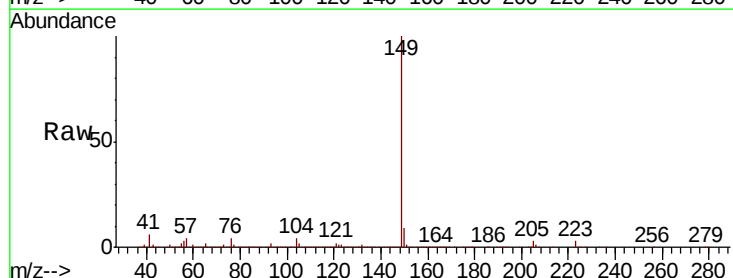
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

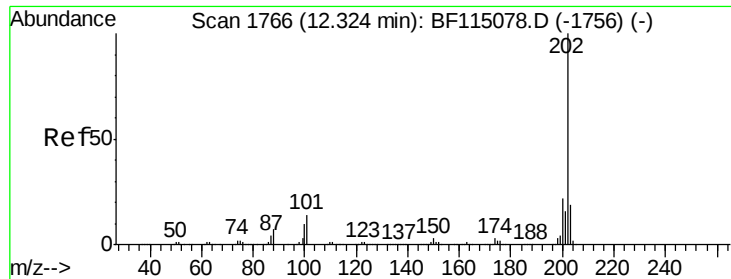
Tgt Ion:167 Resp: 969348
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.4 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 29.504 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115195.D
 Acq: 25 Jun 2019 18:50

Tgt Ion:149 Resp: 1096667
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 31.313 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

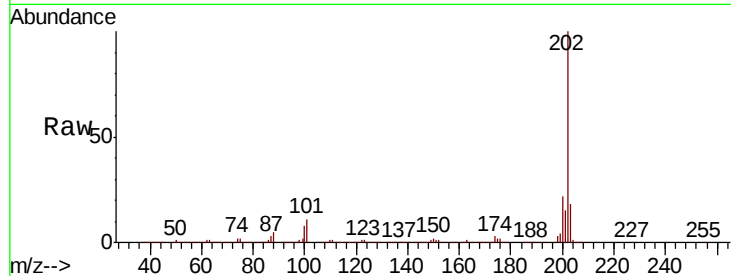
Tgt Ion:202 Resp: 1114898

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.0

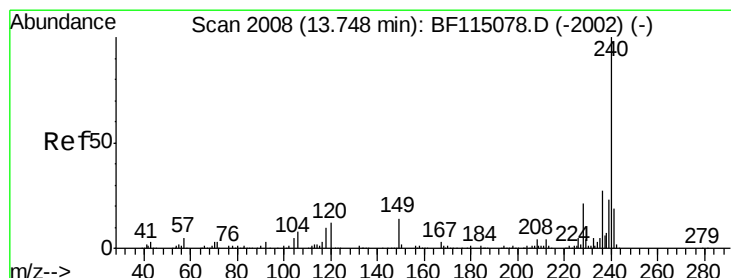
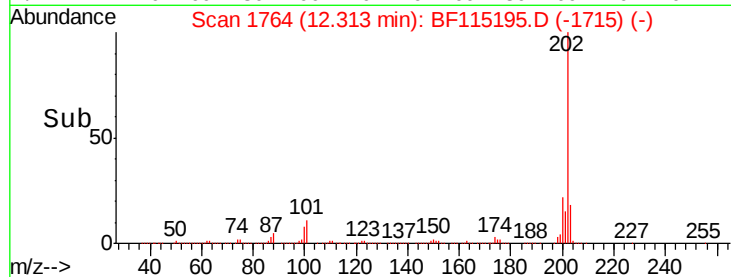
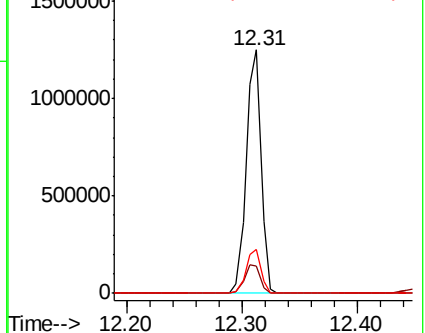
203 18.1 0.0 38.8



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: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

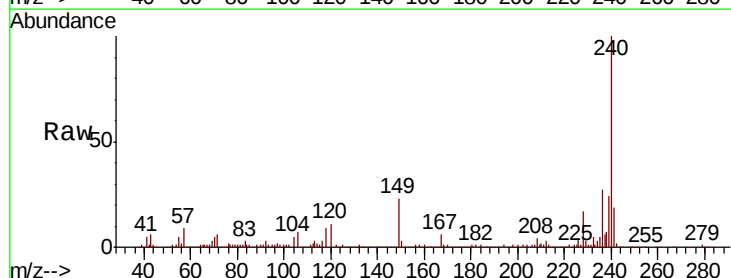
Tgt Ion:240 Resp: 554318

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

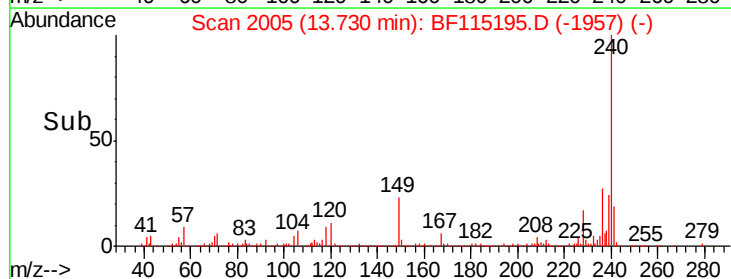
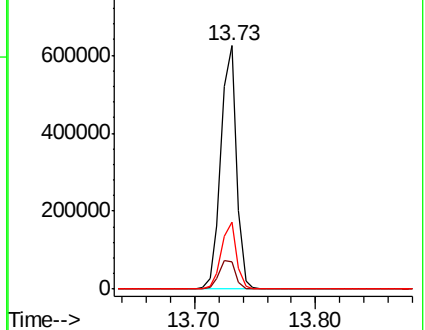
236 27.3 21.7 32.5

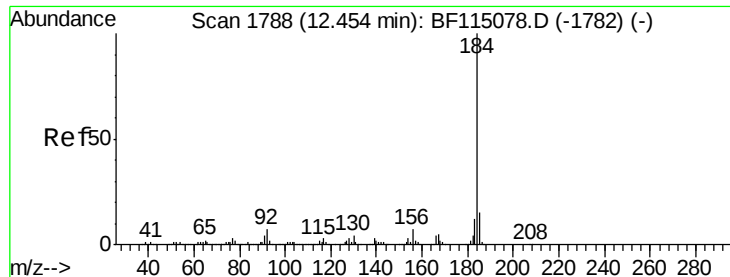


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.411 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

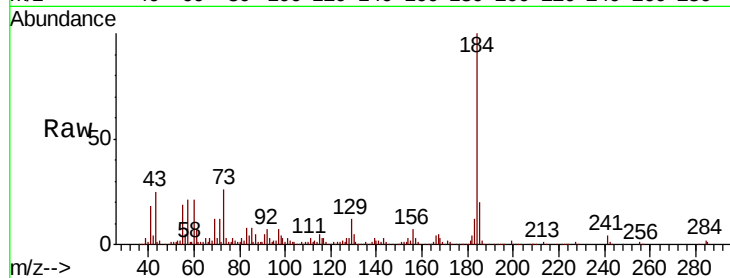
Tgt Ion:184 Resp: 330102

Ion Ratio Lower Upper

184 100

185 19.6 12.2 18.2#

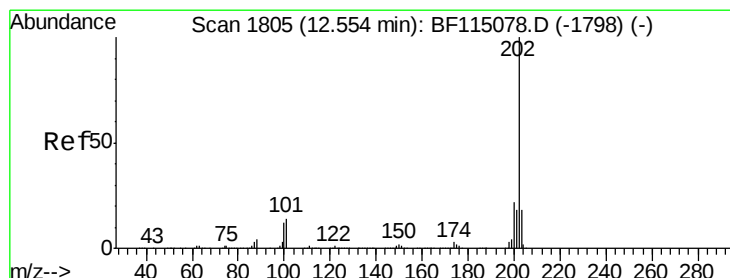
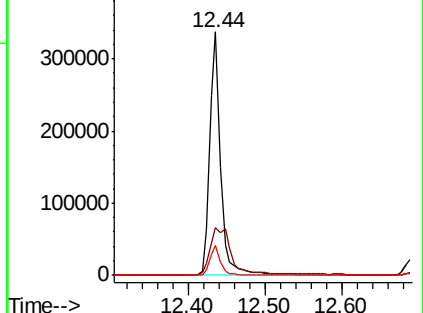
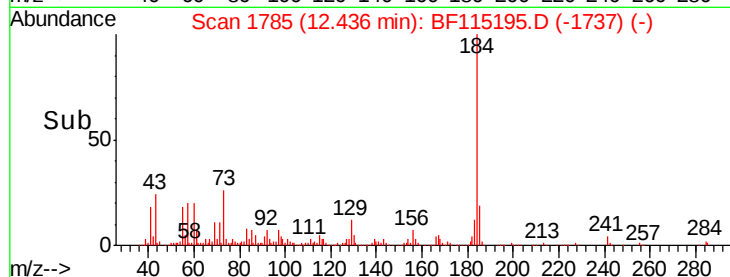
183 12.0 9.6 14.4



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: 27.016 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

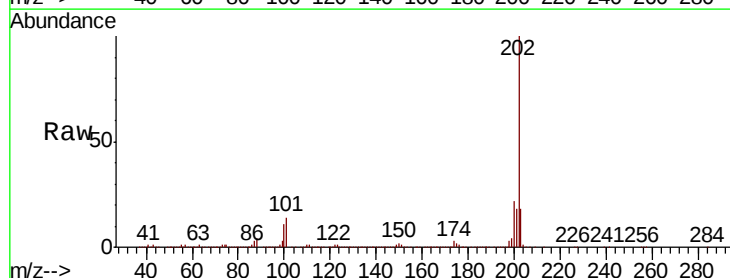
Tgt Ion:202 Resp: 1150864

Ion Ratio Lower Upper

202 100

200 22.3 17.9 26.9

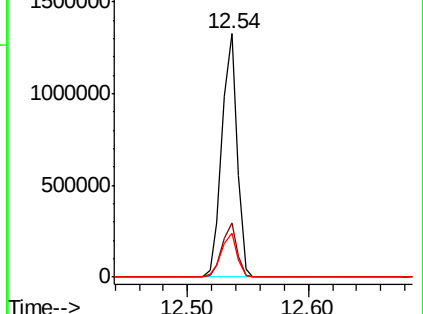
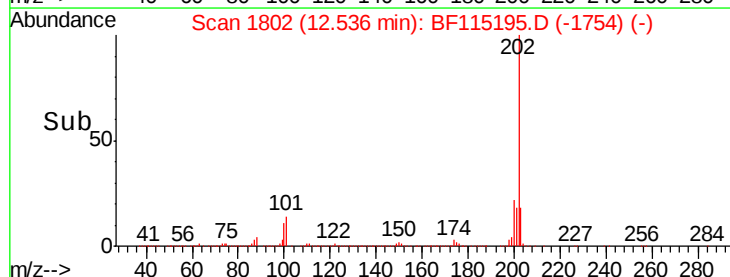
203 17.9 14.6 21.8

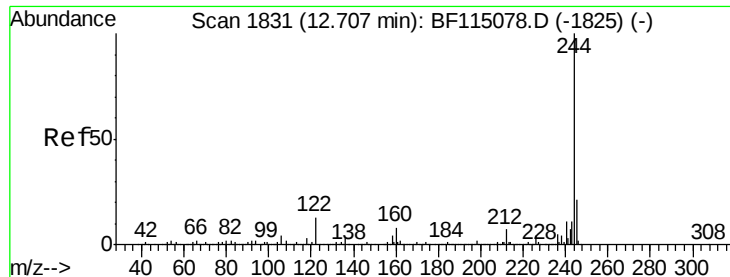


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.252 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

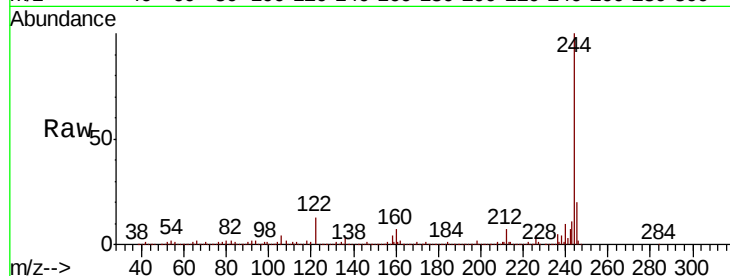
Tgt Ion:244 Resp: 1544794

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

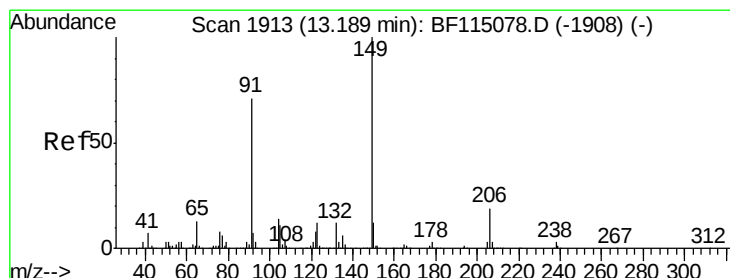
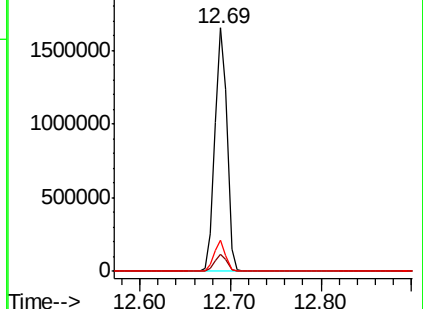
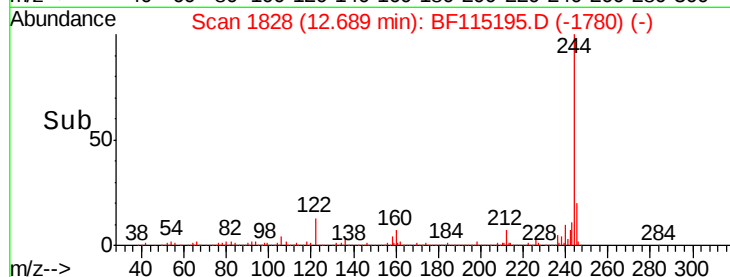
122 12.7 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 26.758 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

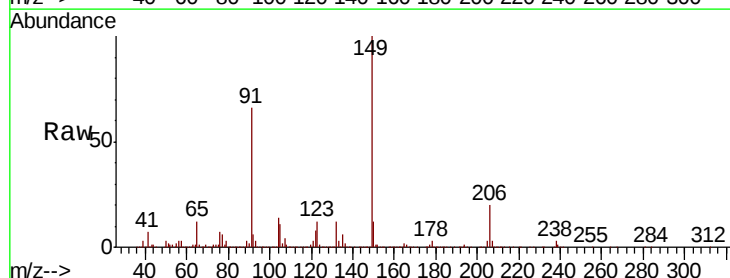
Tgt Ion:149 Resp: 503046

Ion Ratio Lower Upper

149 100

91 66.3 56.5 84.7

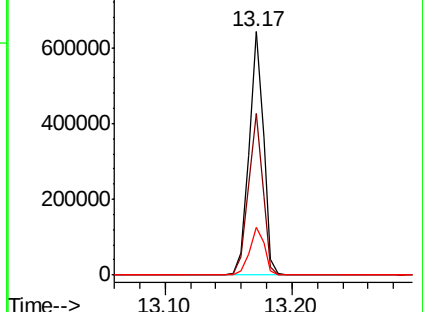
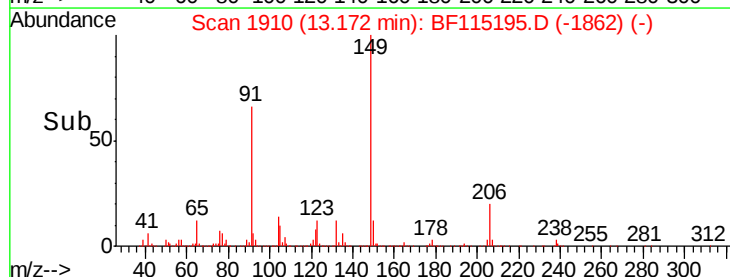
206 19.6 15.3 22.9

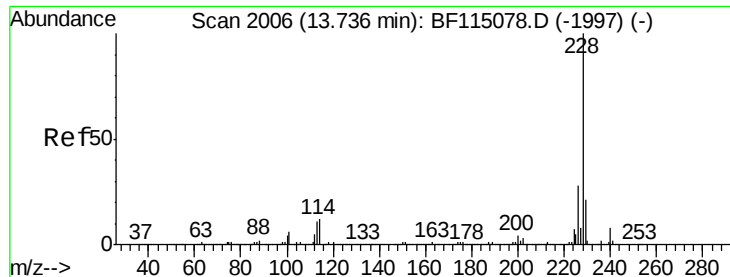


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 27.786 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

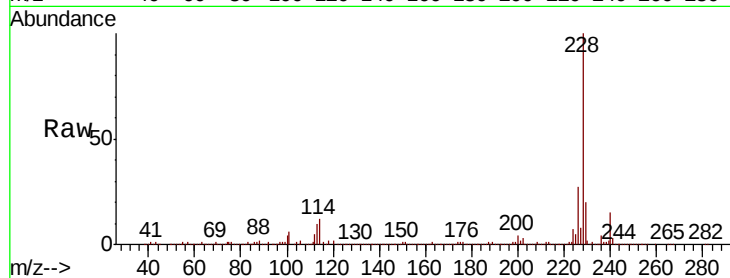
Tgt Ion:228 Resp: 1105172

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

229 20.2 16.6 24.8

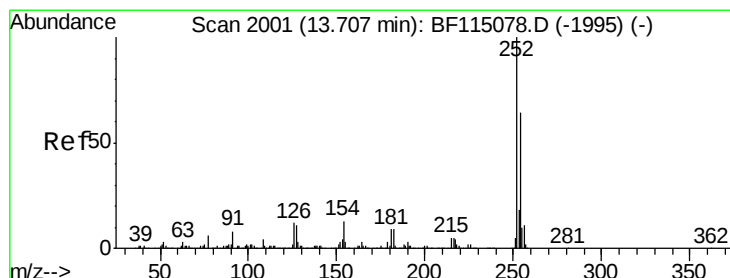
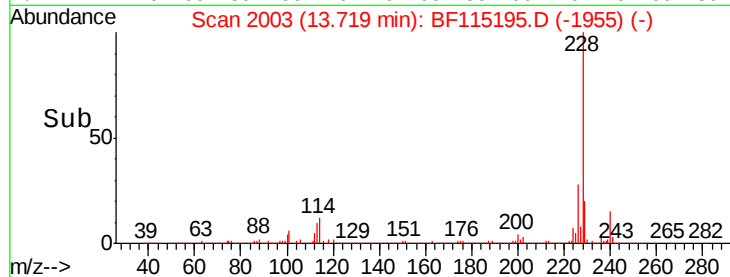
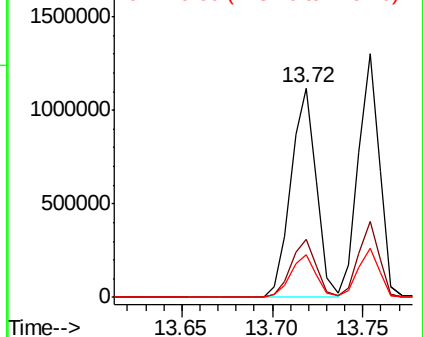


Abundance

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: 19.080 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

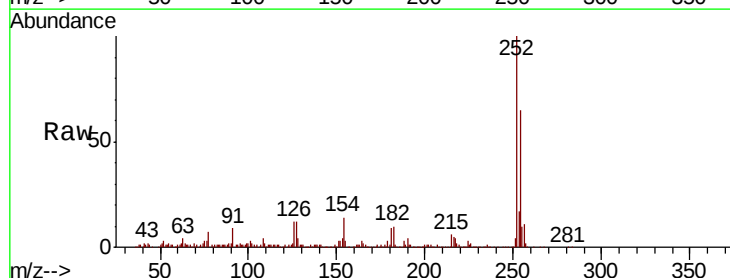
Tgt Ion:252 Resp: 274055

Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

126 12.4 9.4 14.0

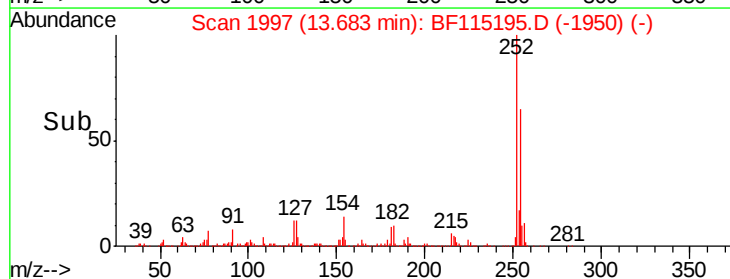
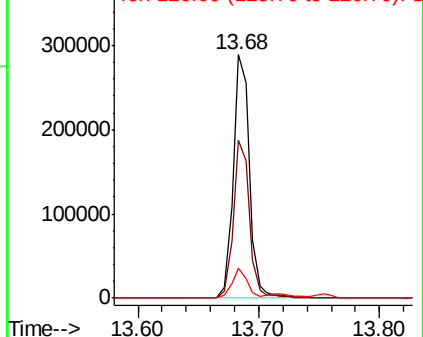


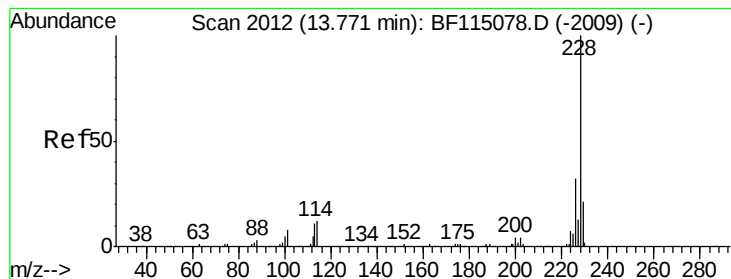
Abundance

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: 28.981 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

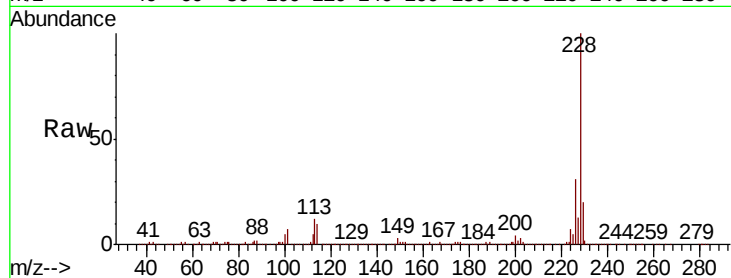
Tgt Ion:228 Resp: 1055905

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

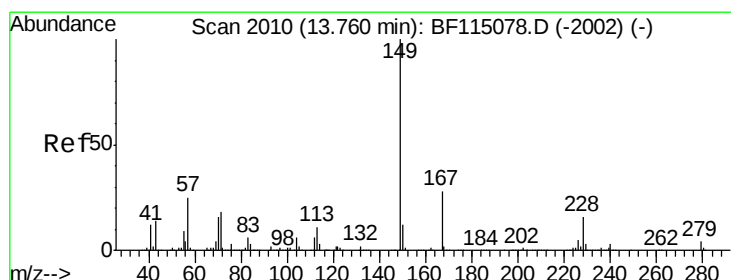
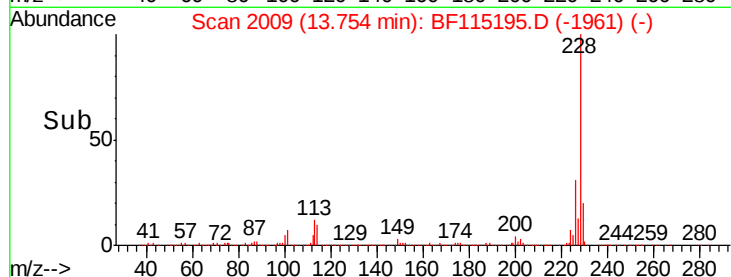
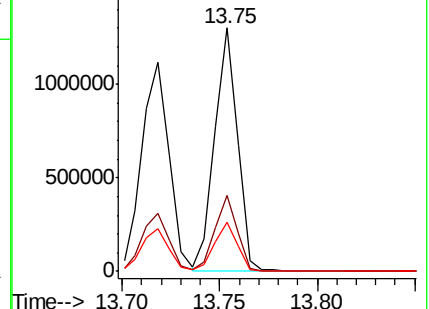
229 20.4 16.5 24.7



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: 27.993 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

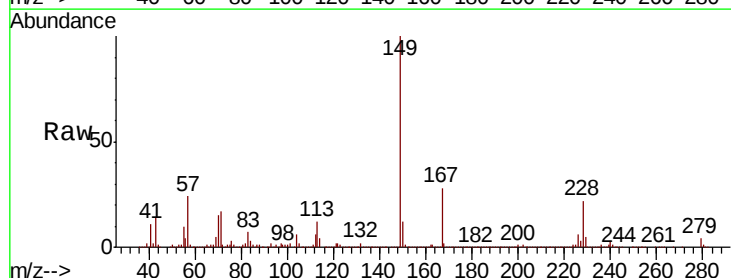
Tgt Ion:149 Resp: 689572

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

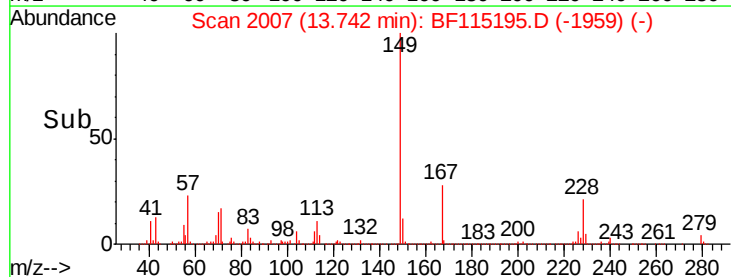
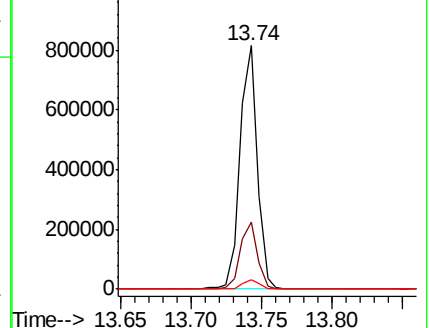
279 4.1 2.9 4.3

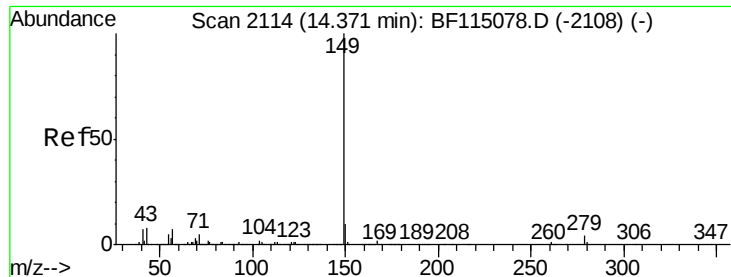


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 30.222 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

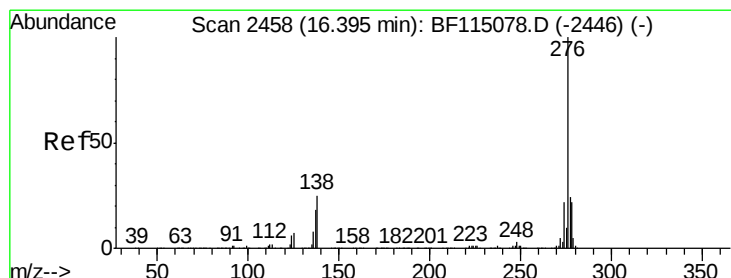
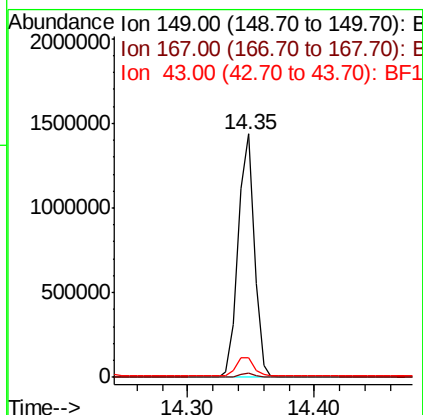
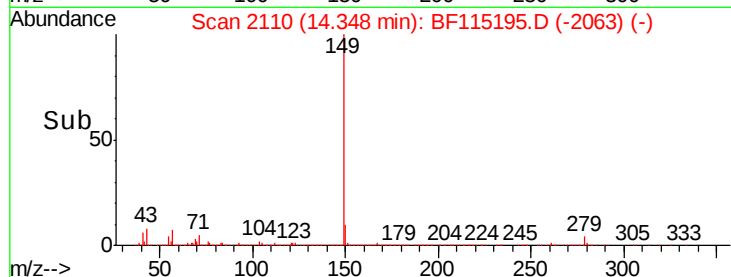
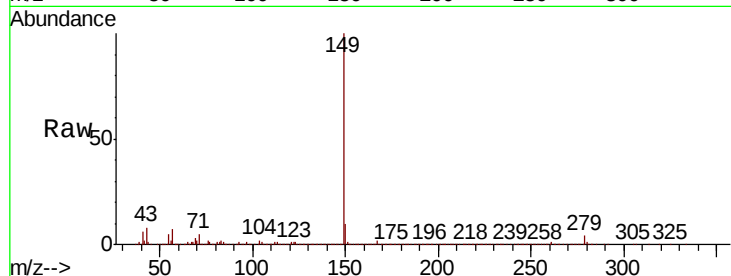
Tgt Ion:149 Resp: 1250825

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.0 7.0 10.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.540 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.04 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

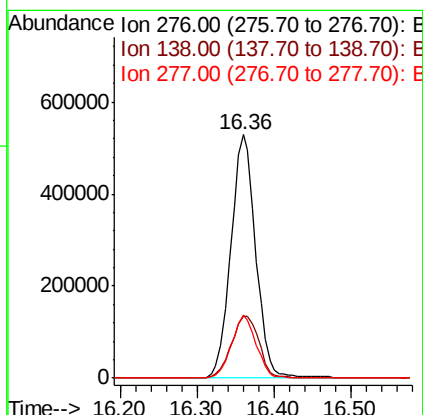
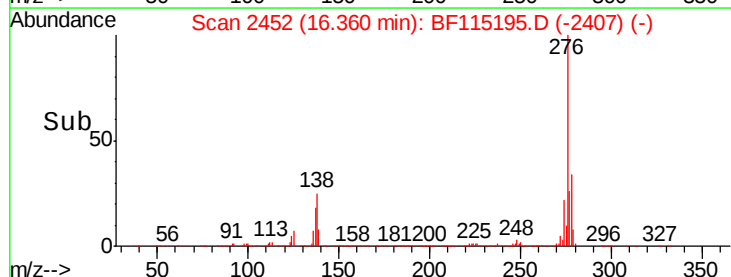
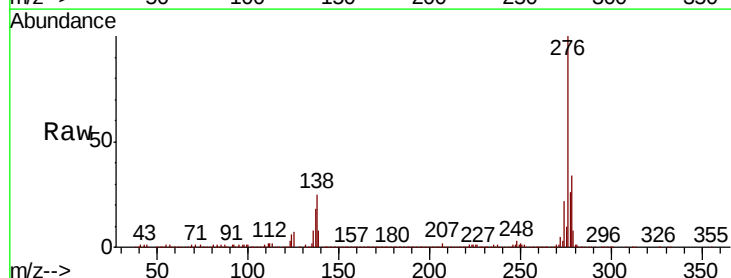
Tgt Ion:276 Resp: 1187299

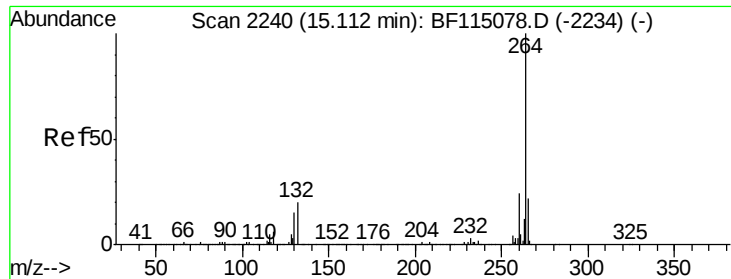
Ion Ratio Lower Upper

276 100

138 28.4 23.2 34.8

277 25.7 20.1 30.1



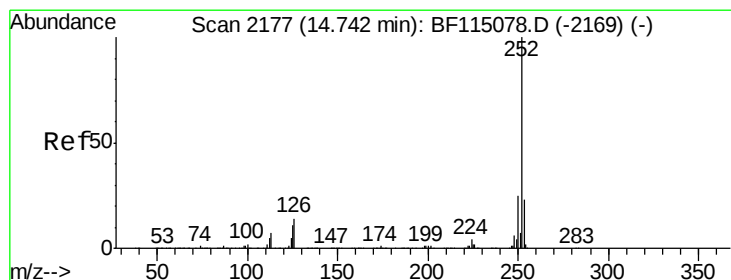
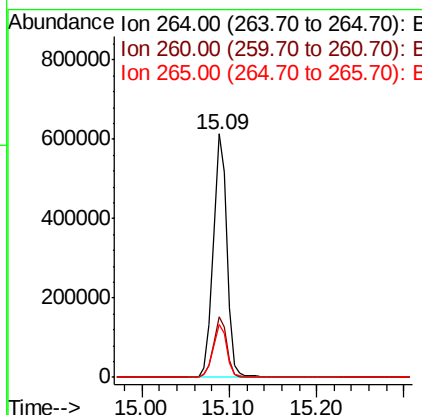
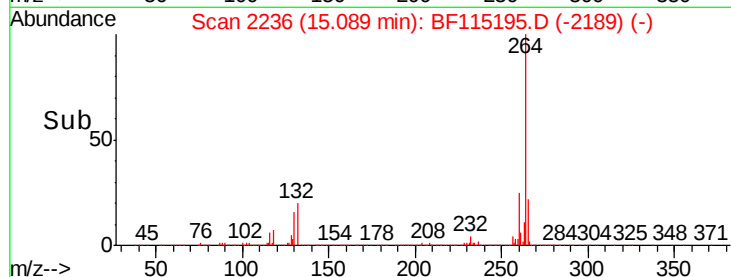
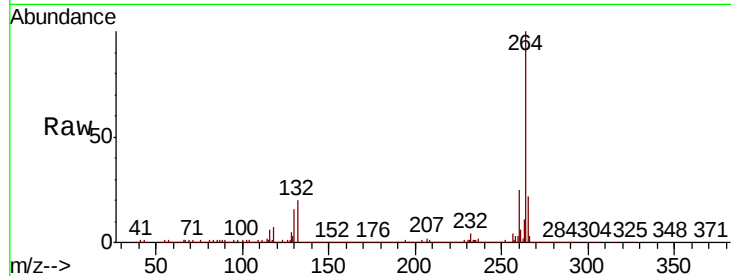


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion:264 Resp: 672582

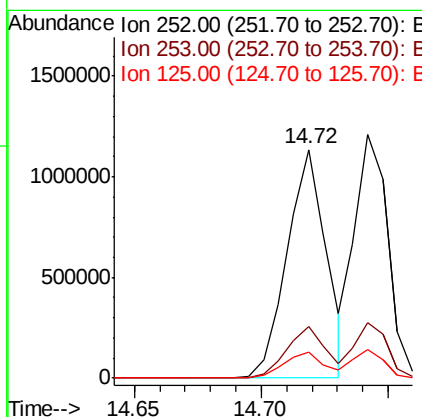
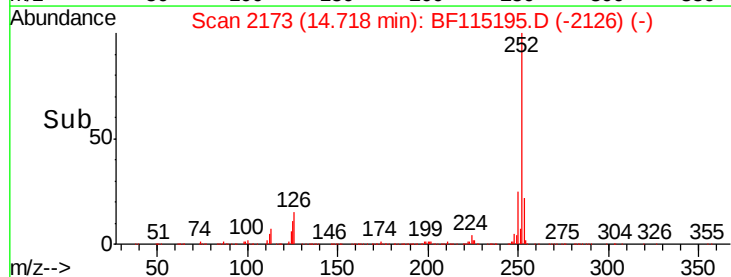
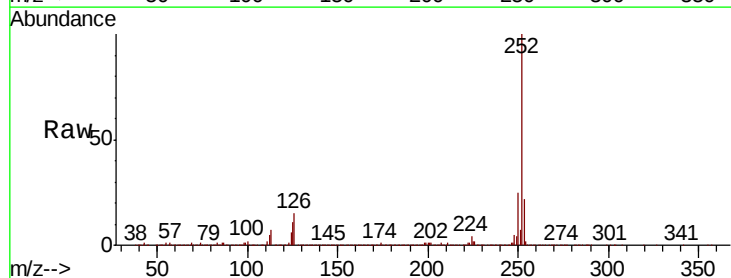
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.0	17.3	25.9

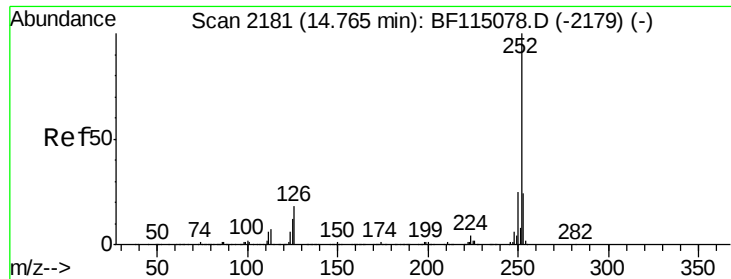


#88
Benzo(b)fluoranthene
Concen: 28.985 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:252 Resp: 1216433

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.2	8.7	13.1

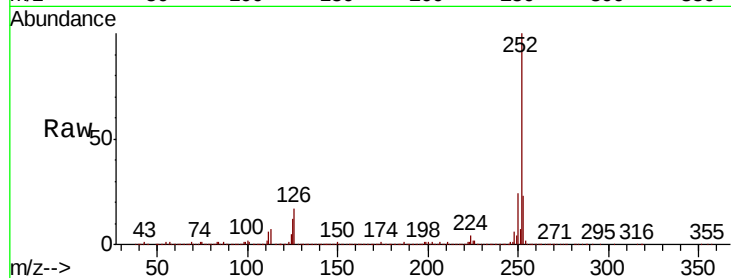




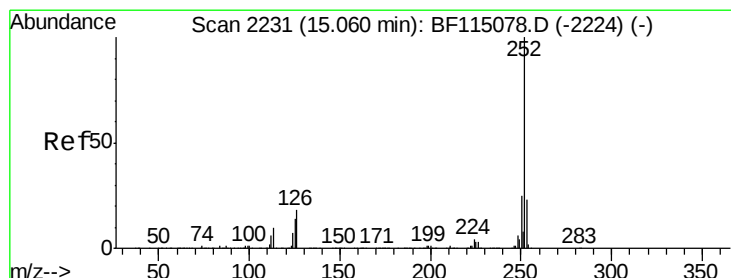
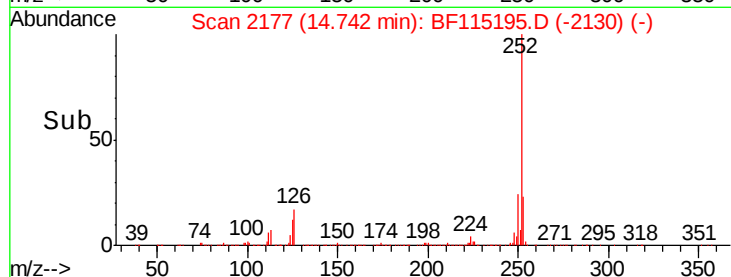
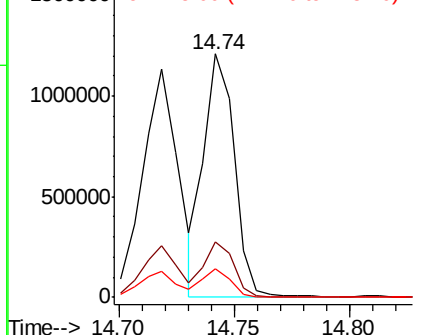
#89
Benzo(k)fluoranthene
Concen: 29.327 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tgt Ion:252 Resp: 1103730
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 11.9 10.2 15.2

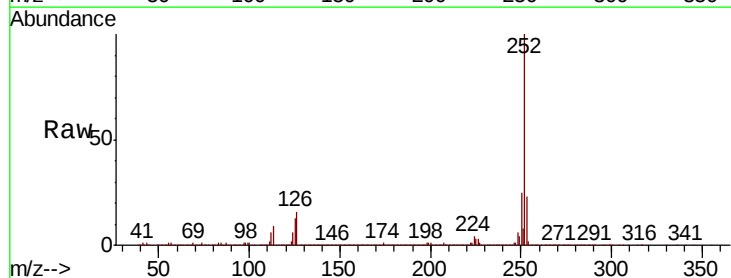


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

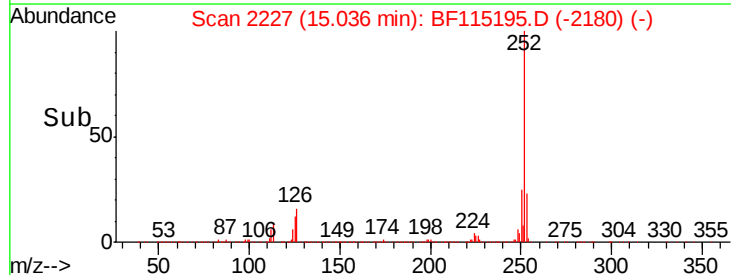
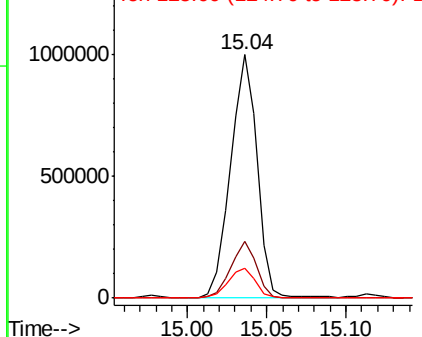


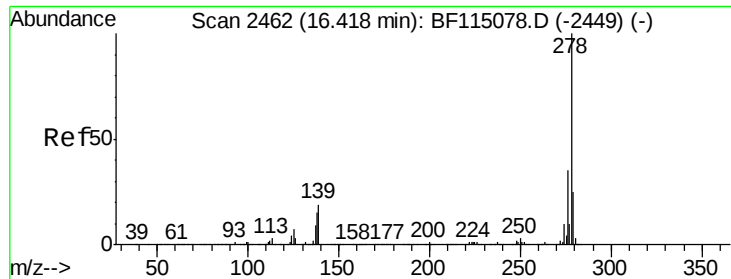
#90
Benzo(a)pyrene
Concen: 30.548 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115195.D
Acq: 25 Jun 2019 18:50

Tgt Ion:252 Resp: 1155510
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 12.5 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: 28.545 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.04 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

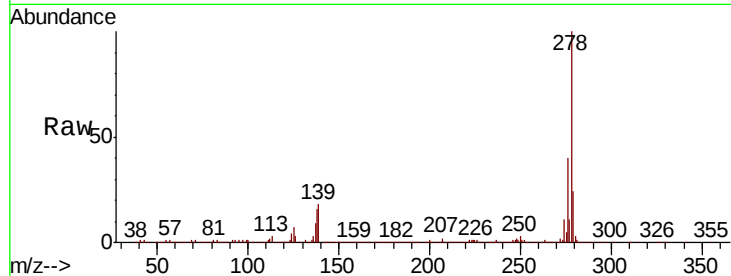
Tgt Ion:278 Resp: 1007999

Ion Ratio Lower Upper

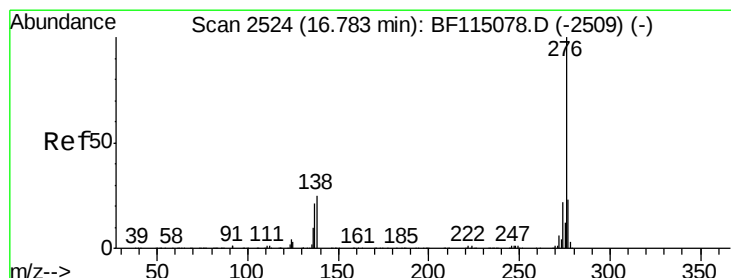
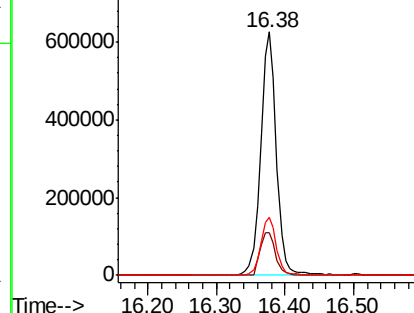
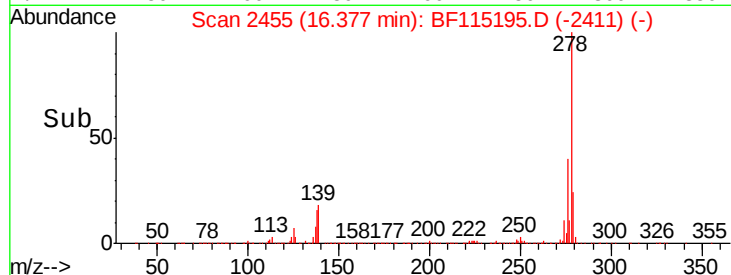
278 100

139 17.6 15.4 23.2

279 24.0 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: 26.721 ng

RT: 16.74 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF115195.D

Acq: 25 Jun 2019 18:50

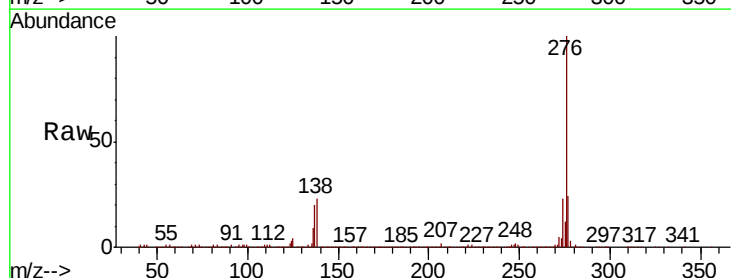
Tgt Ion:276 Resp: 955011

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 23.3 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

