

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115835.D
 Acq On : 29 Jul 2019 11:58
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 13:11:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 13:05:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	242827	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1000910	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	494276	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	941298	20.00	ng	0.00
76) Chrysene-d12	14.03	240	596435	20.00	ng	0.00
87) Perylene-d12	15.49	264	630598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1423893	95.92	ng	0.01
7) Phenol-d6	6.51	99	1871838	99.37	ng	0.02
23) Nitrobenzene-d5	7.44	82	1761729	102.35	ng	0.01
42) 2,4,6-Tribromophenol	10.70	330	511200	88.61	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	2457060	87.01	ng	0.01
79) Terphenyl-d14	12.97	244	2744090	84.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	386433	52.184	ng	98
3) Pyridine	3.39	79	1040220	51.776	ng	99
4) n-Nitrosodimethylamine	3.37	42	459597	63.058	ng	99
6) Aniline	6.54	93	1305988	49.819	ng	99
8) 2-Chlorophenol	6.66	128	831518	48.718	ng	99
9) Benzaldehyde	6.42	77	440820	37.448	ng	100
10) Phenol	6.53	94	1063949	48.655	ng	86
11) bis(2-Chloroethyl)ether	6.61	93	871700	52.358	ng	100
12) 1,3-Dichlorobenzene	6.81	146	920717	47.979	ng	99
13) 1,4-Dichlorobenzene	6.89	146	901865	47.103	ng	98
14) 1,2-Dichlorobenzene	7.05	146	805355	46.013	ng	98
15) Benzyl Alcohol	7.02	79	708840	47.436	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1094624	49.940	ng	95
17) 2-Methylphenol	7.13	107	755292	51.349	ng	95
18) Hexachloroethane	7.38	117	345954	48.680	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	597891	48.667	ng	96
20) 3+4-Methylphenols	7.28	107	754980	43.212	ng	92
22) Acetophenone	7.29	105	1055176	46.664	ng	# 99
24) Nitrobenzene	7.46	77	954182	51.393	ng	100
25) Isophorone	7.70	82	1799180	52.234	ng	99
26) 2-Nitrophenol	7.77	139	495634	51.864	ng	96
27) 2,4-Dimethylphenol	7.81	122	685217	47.922	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	1045007	49.454	ng	98
29) 2,4-Dichlorophenol	8.02	162	718651	48.327	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	805279	47.907	ng	99
31) Naphthalene	8.17	128	2246104	46.336	ng	98
32) Benzoic acid	7.97	122	641704	54.685	ng	99
33) 4-Chloroaniline	8.22	127	1074710	50.053	ng	98
34) Hexachlorobutadiene	8.29	225	446629	46.334	ng	98
35) Caprolactam	8.62	113	195080	42.453	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	774826	50.231	ng	99
37) 2-Methylnaphthalene	8.86	142	1476192	45.941	ng	99
38) 1-Methylnaphthalene	8.96	142	1406660	46.089	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	677341	45.507	ng	99

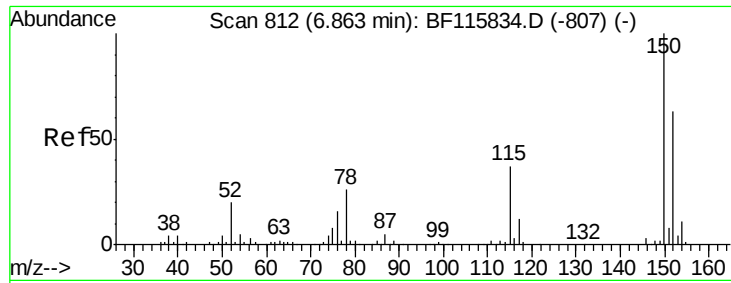
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115835.D
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 QLast Update : Mon Jul 29 13:05:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	339259	39.957	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	491805	45.183	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	516572	46.341	ng	98
46) 1,1'-Biphenyl	9.33	154	1723876	44.611	ng	98
47) 2-Chloronaphthalene	9.35	162	1495198	46.470	ng	97
48) 2-Nitroaniline	9.45	65	543673	54.593	ng	97
49) Acenaphthylene	9.77	152	2152114	45.140	ng	98
50) Dimethylphthalate	9.63	163	1851356	49.784	ng	99
51) 2,6-Dinitrotoluene	9.69	165	412912	48.859	ng	93
52) Acenaphthene	9.94	154	1315116	42.726	ng	99
53) 3-Nitroaniline	9.86	138	520089	53.853	ng	98
54) 2,4-Dinitrophenol	9.97	184	232224	53.520	ng	100
55) Dibenzofuran	10.11	168	1860741	42.568	ng	96
56) 4-Nitrophenol	10.03	139	372704	50.609	ng	99
57) 2,4-Dinitrotoluene	10.10	165	529221	48.335	ng	# 90
58) Fluorene	10.46	166	1425051	45.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	422409	45.330	ng	99
60) Diethylphthalate	10.33	149	1583208	45.438	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	713149	41.153	ng	98
62) 4-Nitroaniline	10.49	138	527550	56.948	ng	99
63) Azobenzene	10.60	77	1649333	48.801	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	304509	52.949	ng	99
66) n-Nitrosodiphenylamine	10.56	169	1372907	46.888	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	491305	45.674	ng	99
68) Hexachlorobenzene	11.00	284	560314	45.612	ng	99
69) Atrazine	11.09	200	303710	31.618	ng	98
70) Pentachlorophenol	11.20	266	318941	42.450	ng	100
71) Phenanthrene	11.42	178	2199876	45.593	ng	99
72) Anthracene	11.47	178	2204237	44.204	ng	99
73) Carbazole	11.62	167	2096260	47.939	ng	98
74) Di-n-butylphthalate	11.95	149	2300749	42.715	ng	98
75) Fluoranthene	12.60	202	2322040	45.541	ng	99
77) Benzidine	12.72	184	824119	39.004	ng	99
78) Pyrene	12.83	202	2347797	46.461	ng	99
80) Butylbenzylphthalate	13.44	149	1014631	47.101	ng	99
81) Benzo(a)anthracene	14.02	228	1993948	50.745	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	626590	44.857	ng	99
83) Chrysene	14.06	228	1898947	48.142	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1265046	47.410	ng	# 98
85) Di-n-octyl phthalate	14.60	149	1946910	45.858	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1994791	59.525	ng	100
88) Benzo(b)fluoranthene	15.07	252	1878683	46.267	ng	99
89) Benzo(k)fluoranthene	15.10	252	1602427	44.264	ng	99
90) Benzo(a)pyrene	15.43	252	1667462	47.778	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1569973	51.241	ng	98
92) Benzo(g,h,i)perylene	17.42	276	1667225	54.562	ng	98

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

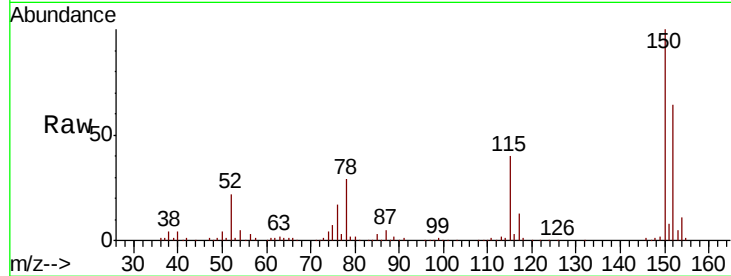


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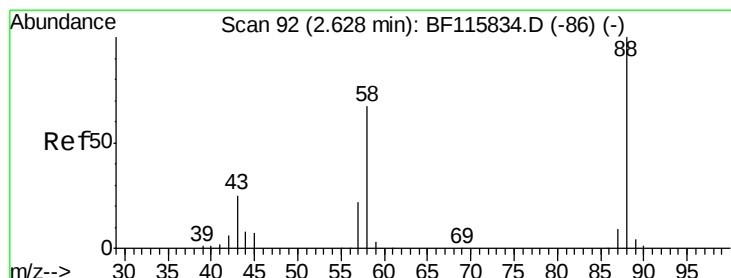
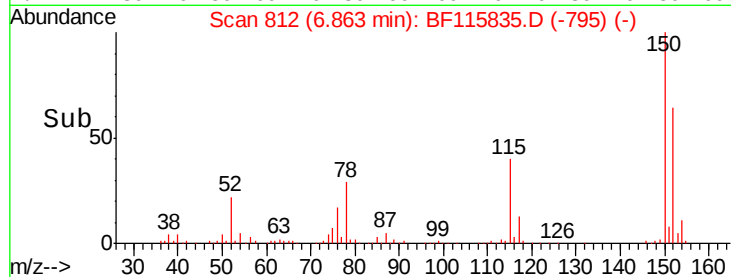
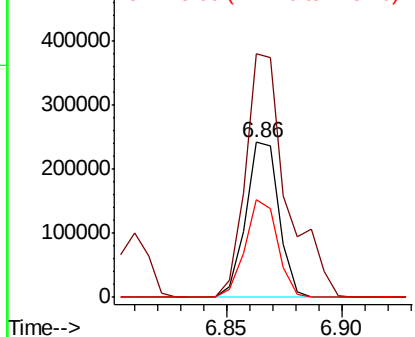
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 242827
Ion Ratio Lower Upper
152 100
150 157.2 127.6 191.4
115 62.9 47.7 71.5



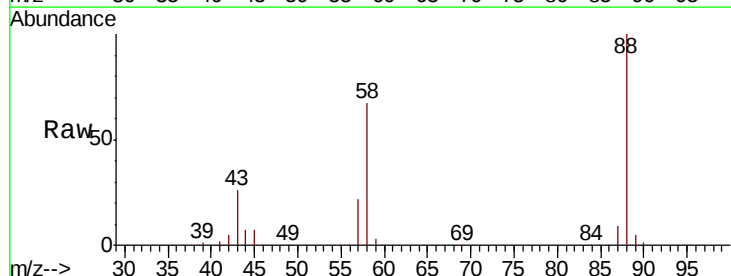
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



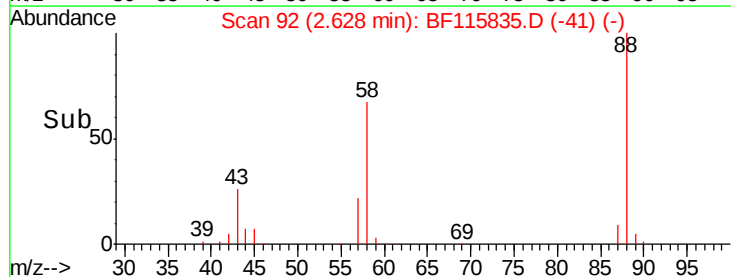
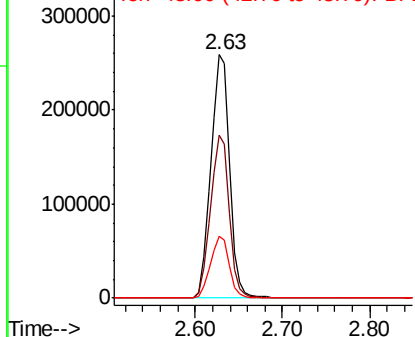
#2

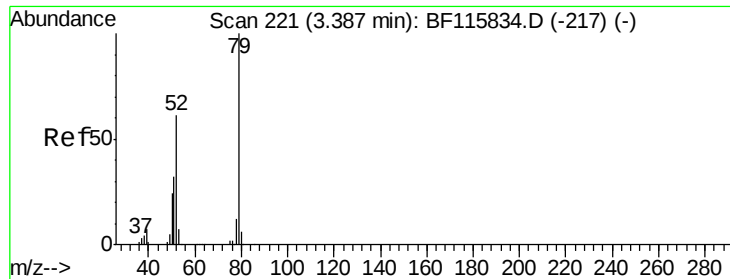
1,4-Dioxane
Concen: 52.184 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.00 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion: 88 Resp: 386433
Ion Ratio Lower Upper
88 100
58 66.7 54.4 81.6
43 25.7 21.1 31.7



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





#3

Pvridine

Concen: 51.776 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

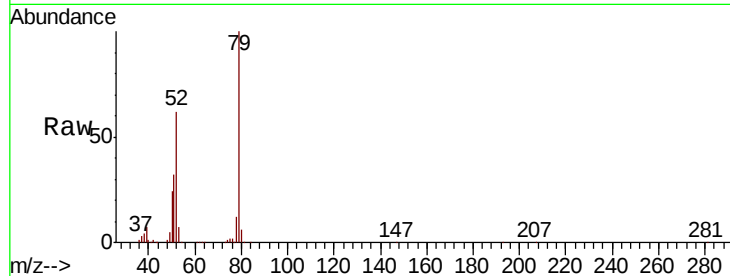
Tot Ion: 79 Resp: 1040220

Ion Ratio Lower Upper

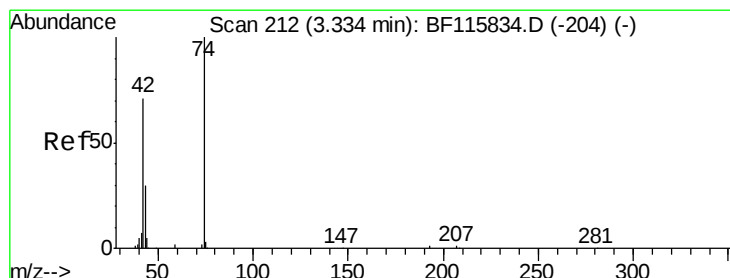
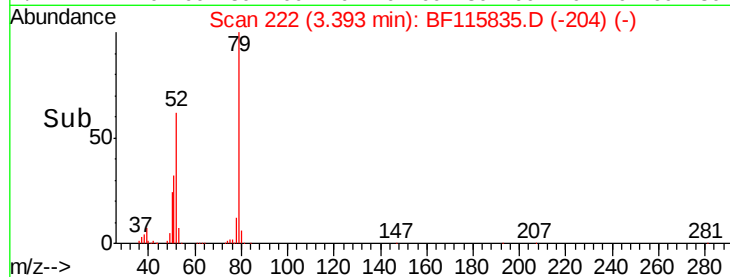
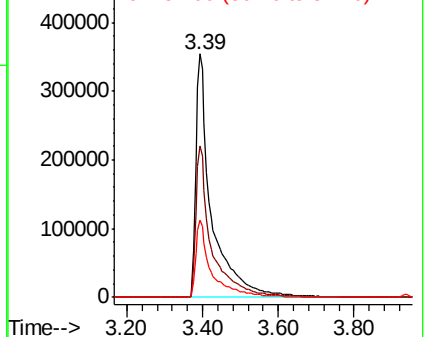
79 100

52 62.1 48.6 73.0

51 31.8 25.3 37.9



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: 63.058 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.04 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

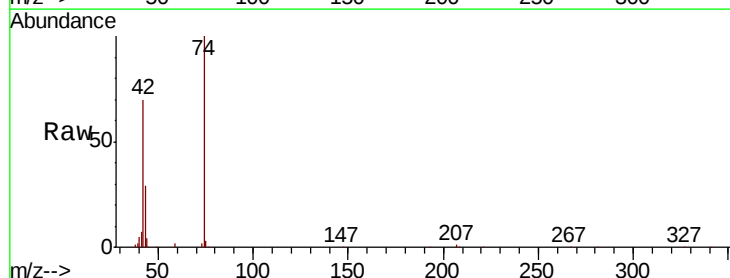
Tgt Ion: 42 Resp: 459597

Ion Ratio Lower Upper

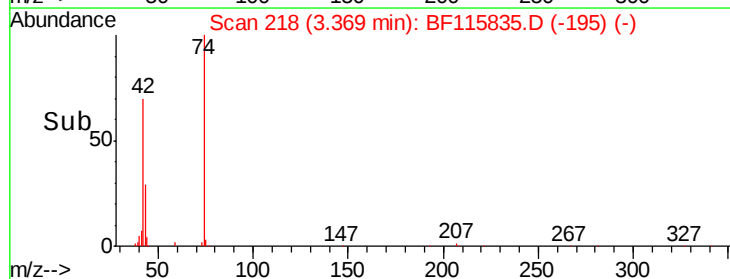
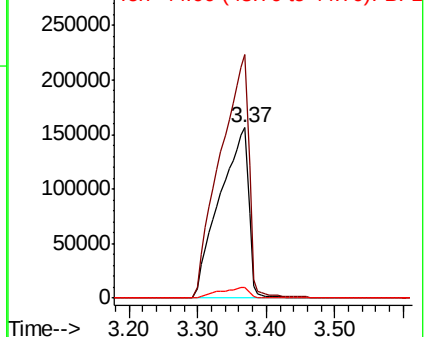
42 100

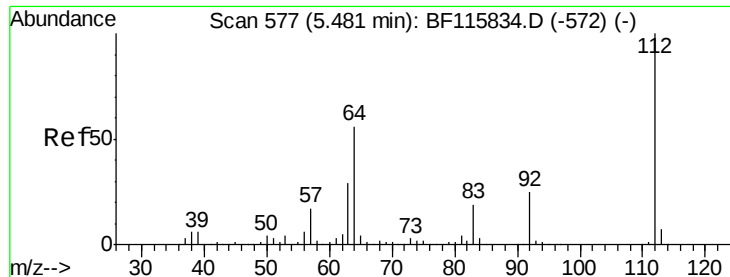
74 143.1 113.0 169.6

44 6.4 5.4 8.0



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: 95.915 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

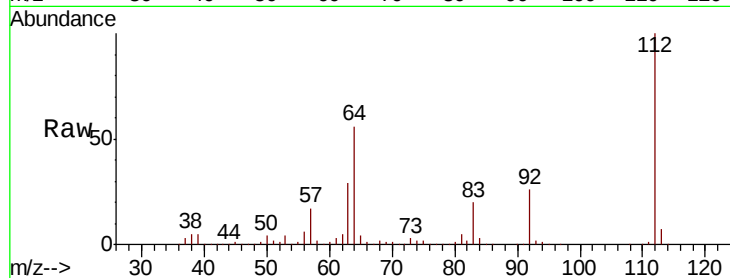
Tot Ion:112 Resp: 1423893

Ion Ratio Lower Upper

112 100

64 55.7 44.9 67.3

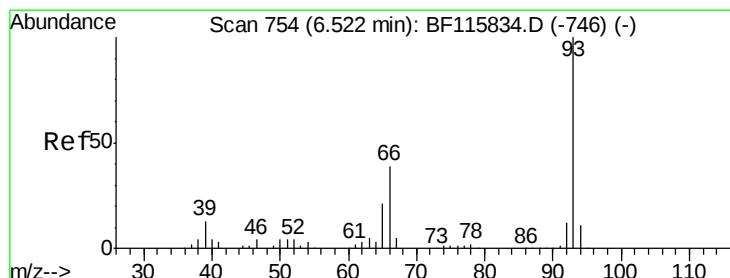
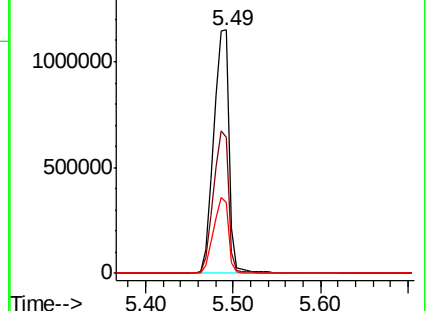
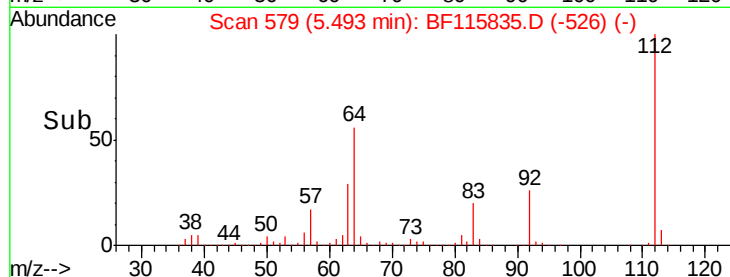
63 28.9 23.4 35.0



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: 49.819 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

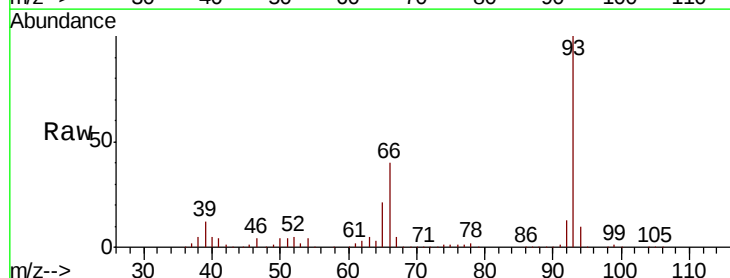
Tgt Ion: 93 Resp: 1305988

Ion Ratio Lower Upper

93 100

66 40.3 31.9 47.9

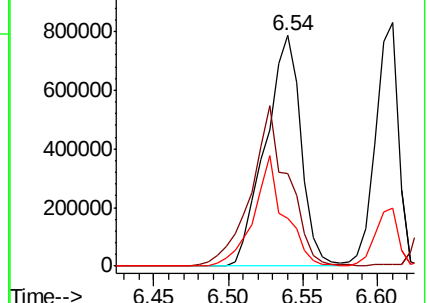
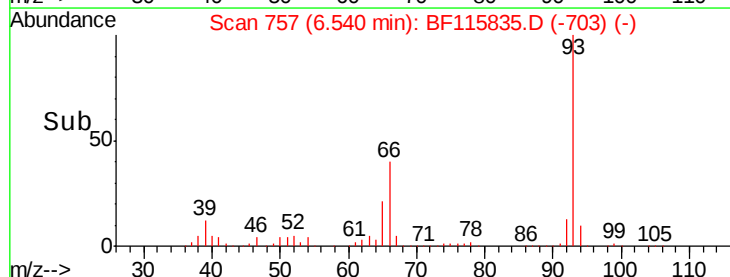
65 21.0 17.0 25.6

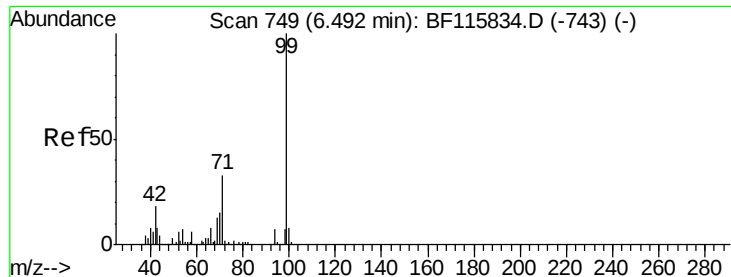


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.370 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampled :

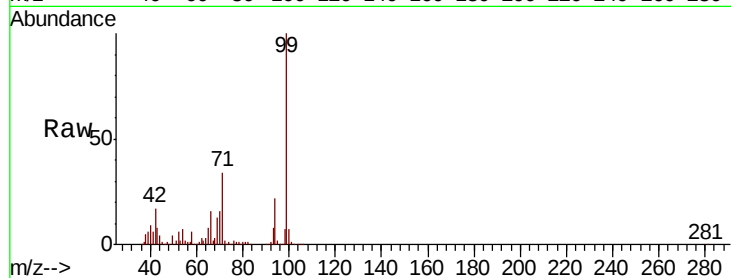
Tot Ion: 99 Resp: 1871838

Ion Ratio Lower Upper

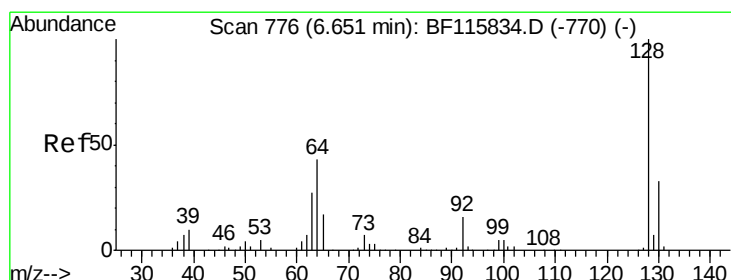
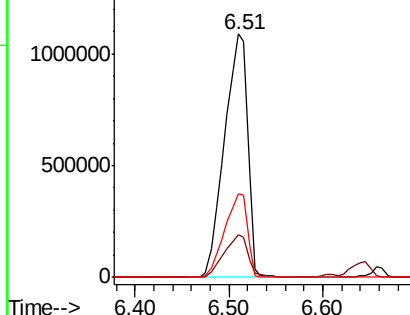
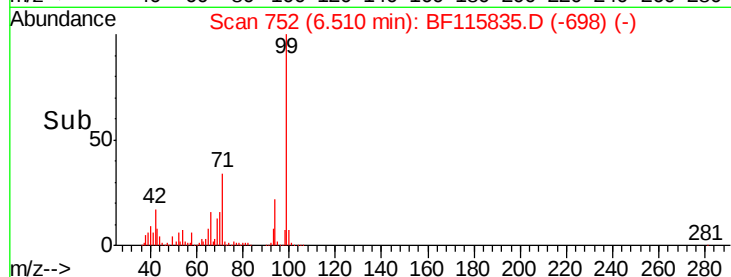
99 100

42 17.4 14.1 21.1

71 34.4 26.4 39.6



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: 48.718 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

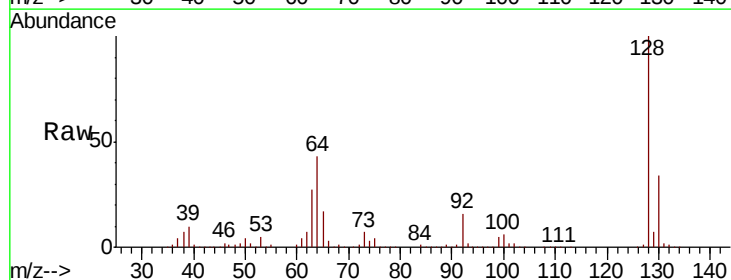
Tgt Ion: 128 Resp: 831518

Ion Ratio Lower Upper

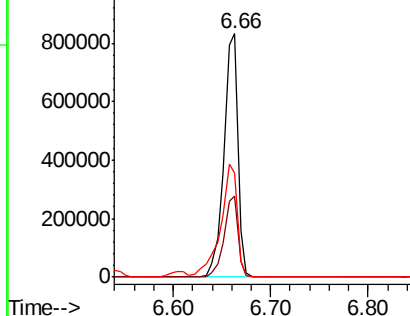
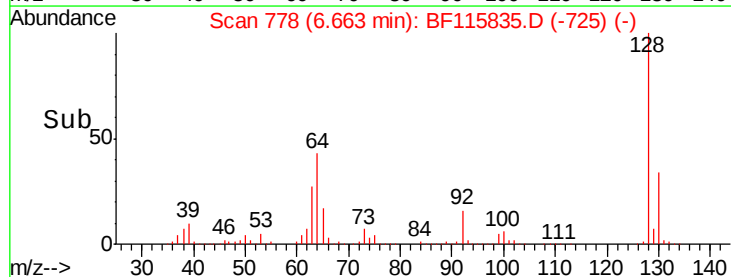
128 100

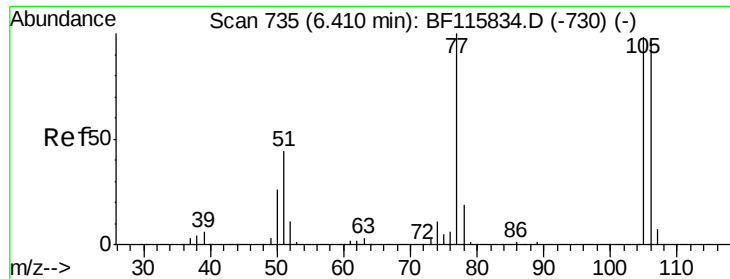
130 33.5 13.4 53.4

64 42.5 23.6 63.6



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: 37.448 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

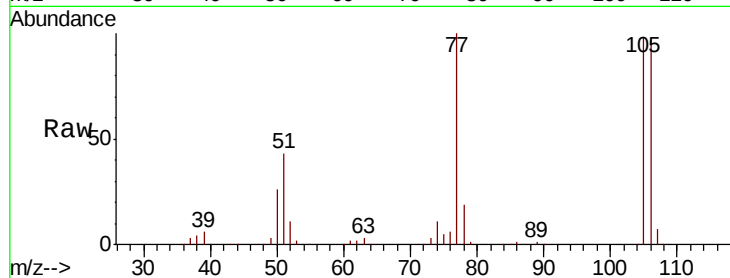
Tot Ion: 77 Resp: 440820

Ion Ratio Lower Upper

77 100

105 97.6 77.8 117.8

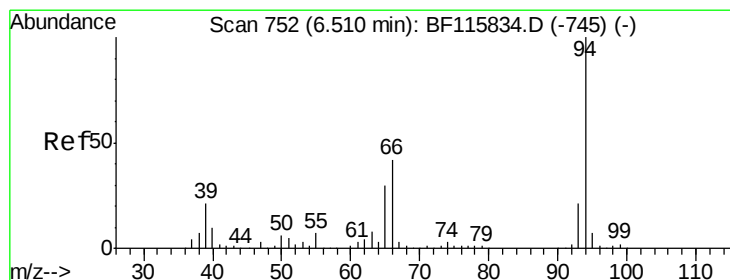
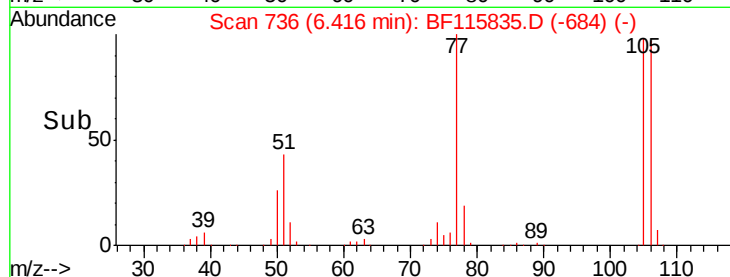
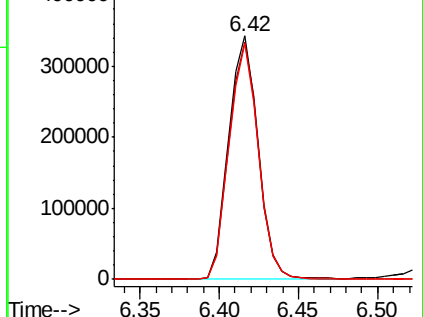
106 96.9 76.1 116.1



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: 48.655 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

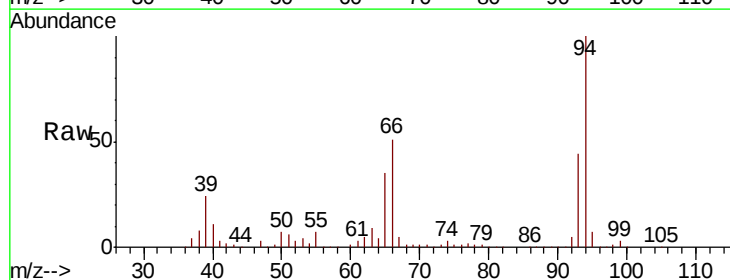
Tgt Ion: 94 Resp: 1063949

Ion Ratio Lower Upper

94 100

65 35.5 9.7 49.7

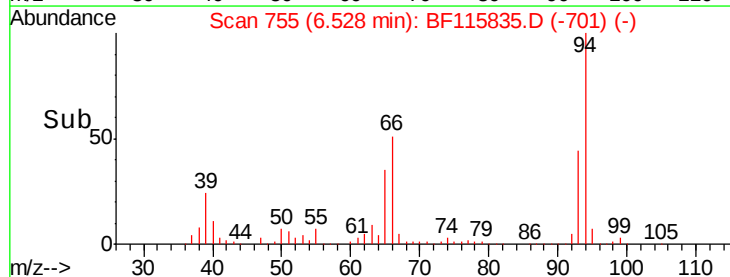
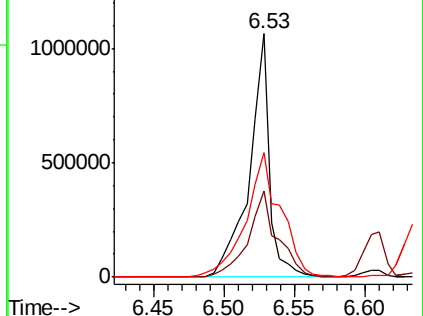
66 51.3 21.5 61.5

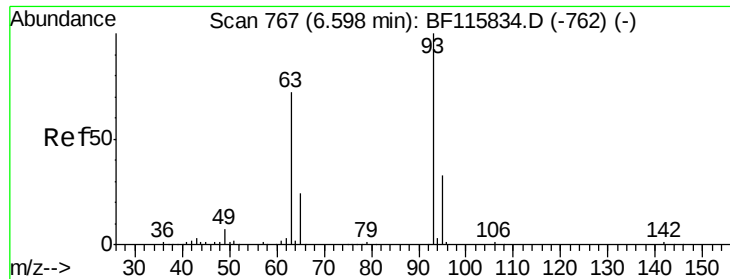


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

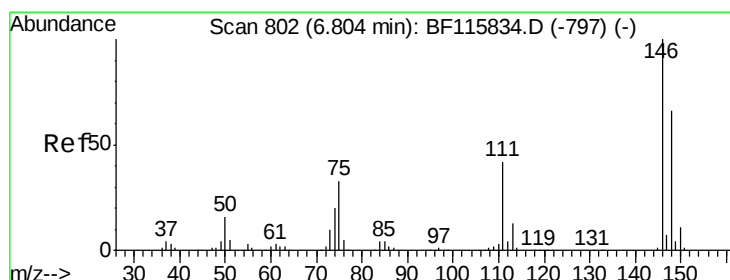
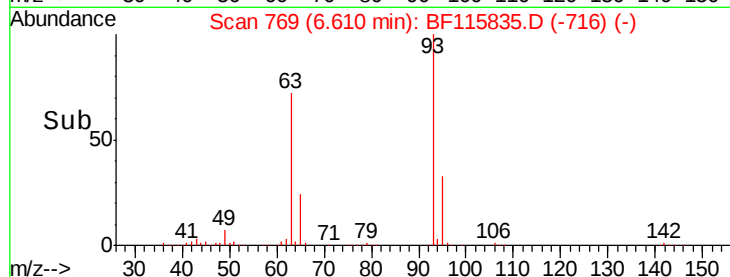
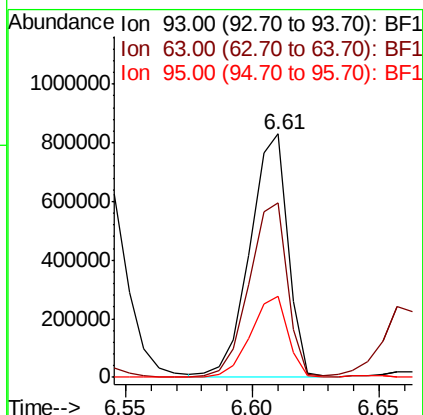
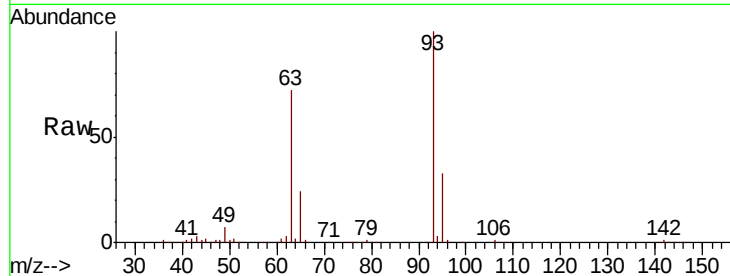




#11
bis(2-Chloroethyl)ether
Concen: 52.358 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

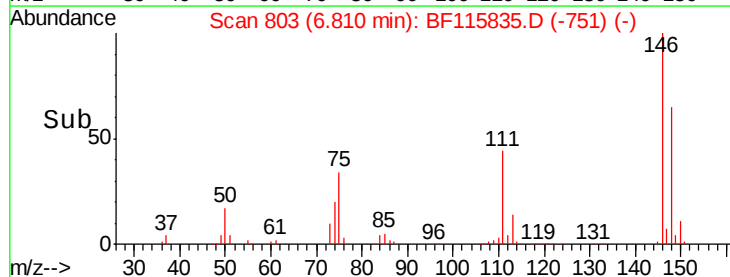
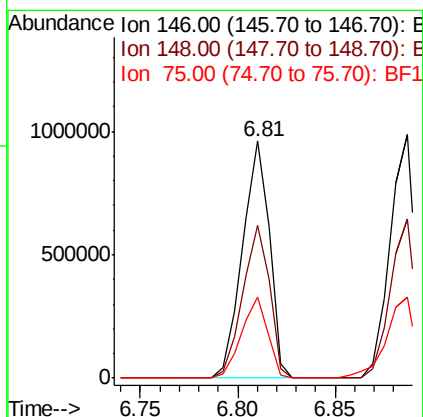
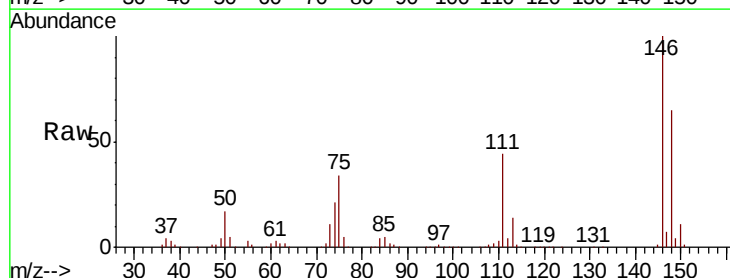
Instrument :
BNA_F
ClientSampleId :

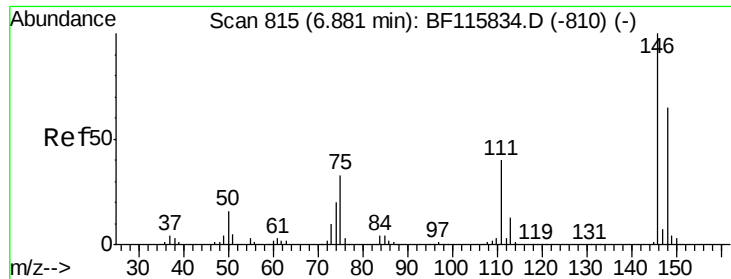
Tot Ion: 93 Resp: 871700
Ion Ratio Lower Upper
93 100
63 71.7 51.9 91.9
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.979 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion: 146 Resp: 920717
Ion Ratio Lower Upper
146 100
148 64.8 52.5 78.7
75 34.2 26.5 39.7

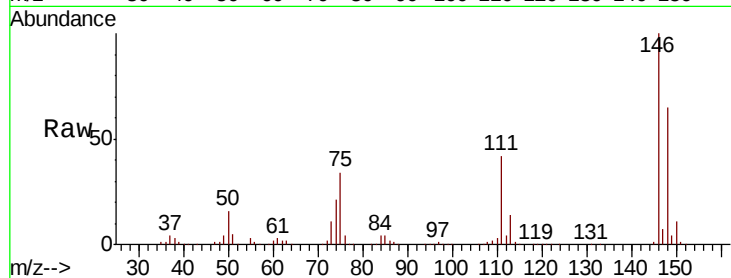




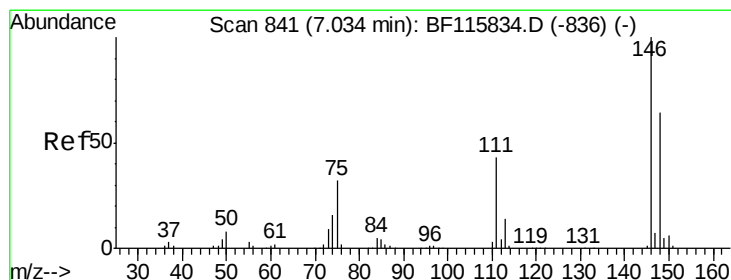
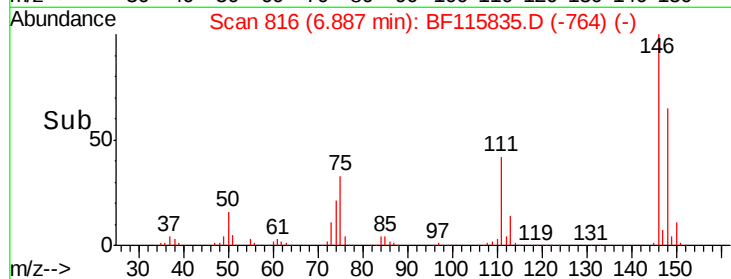
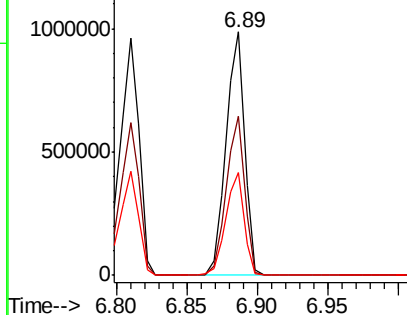
#13
 1,4-Dichlorobenzene
 Concen: 47.103 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.6	77.4
111	42.4	31.9	47.9

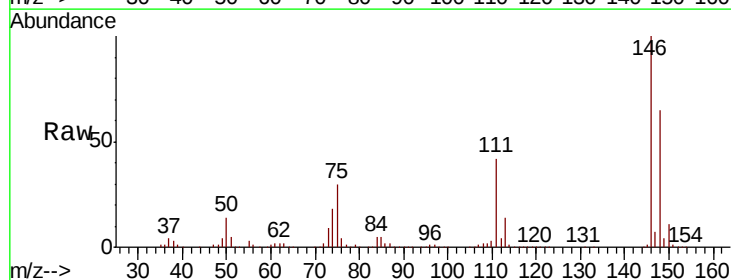


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

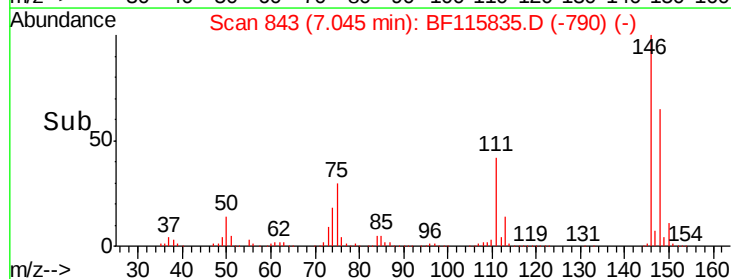
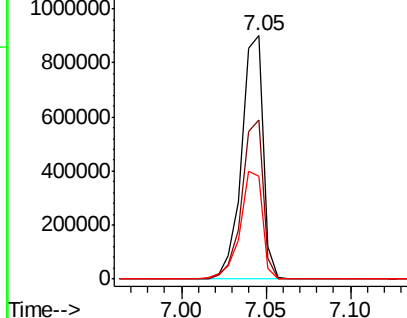


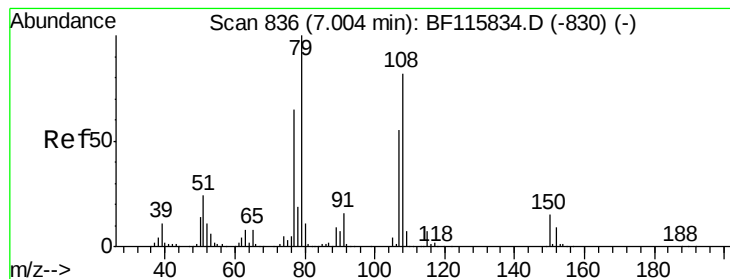
#14
 1,2-Dichlorobenzene
 Concen: 46.013 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.9	76.3
111	42.0	34.4	51.6



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





#15

Benzyl Alcohol

Concen: 47.436 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

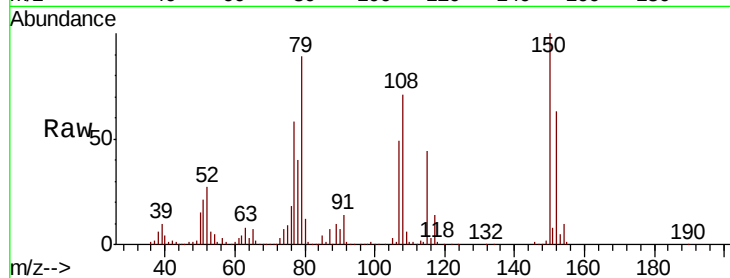
Tot Ion: 79 Resp: 708840

Ion Ratio Lower Upper

79 100

108 79.8 65.4 98.2

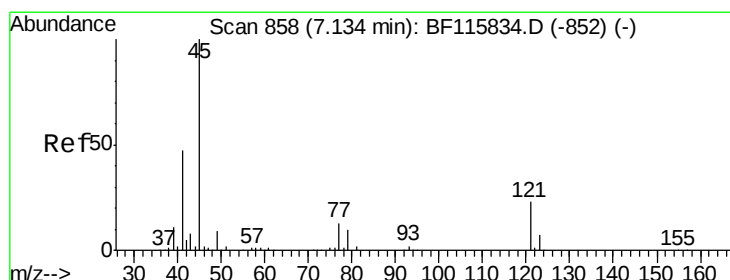
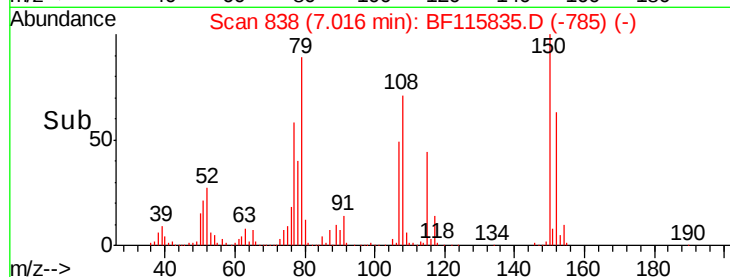
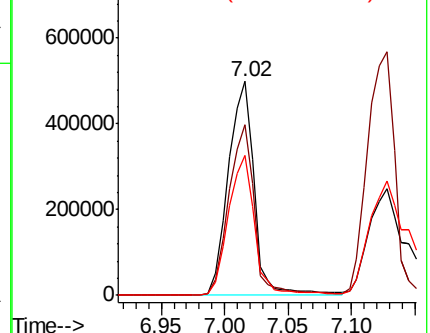
77 65.6 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.940 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

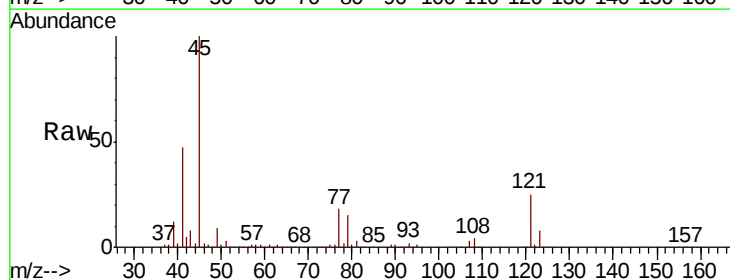
Tgt Ion: 45 Resp: 1094624

Ion Ratio Lower Upper

45 100

77 18.4 0.0 36.5

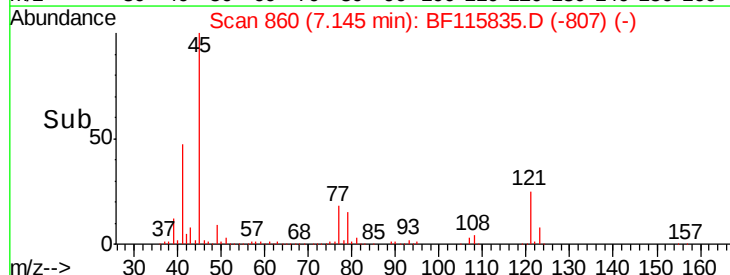
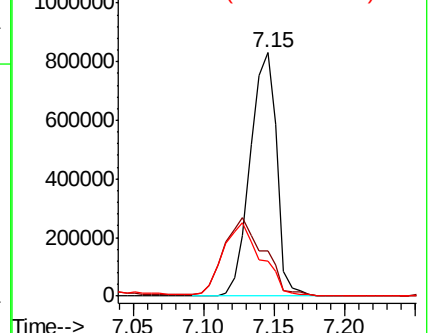
79 14.6 0.0 32.7

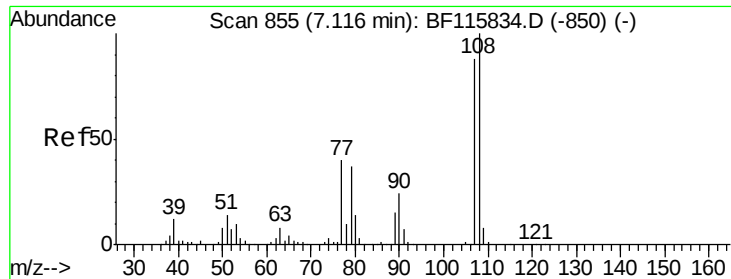


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

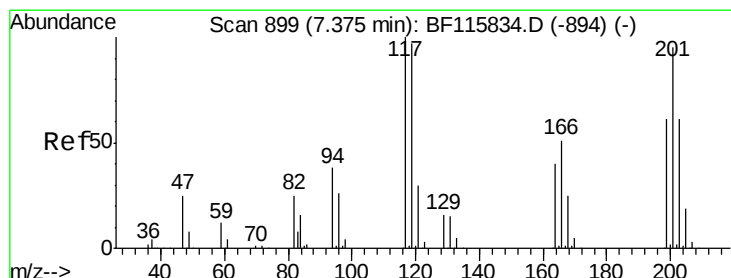
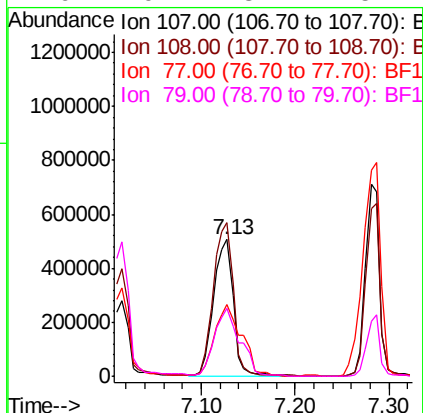
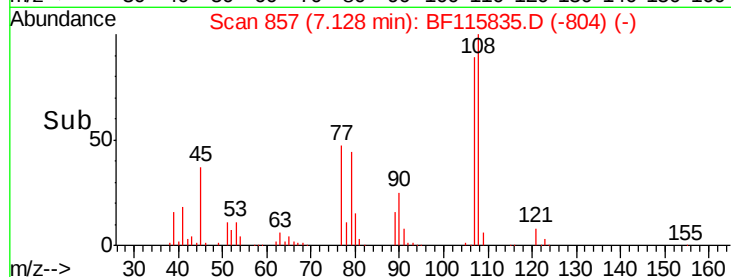
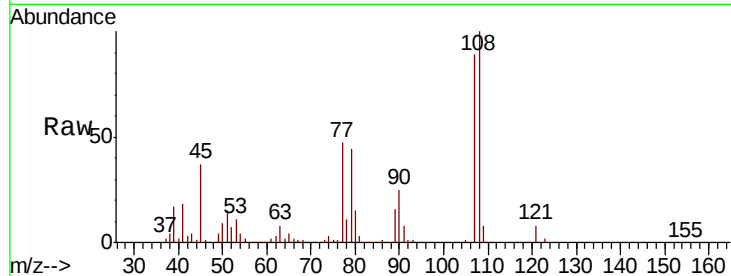




#17
2-Methylphenol
Concen: 51.349 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

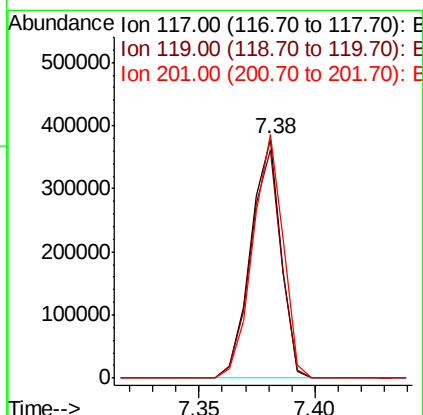
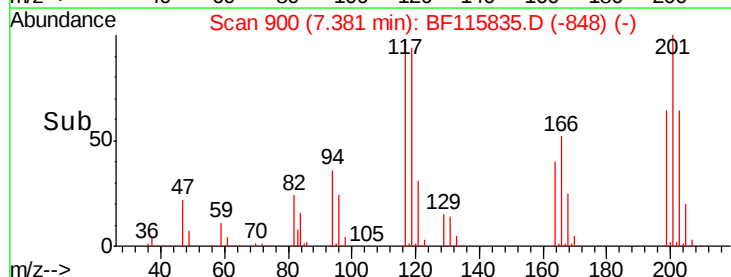
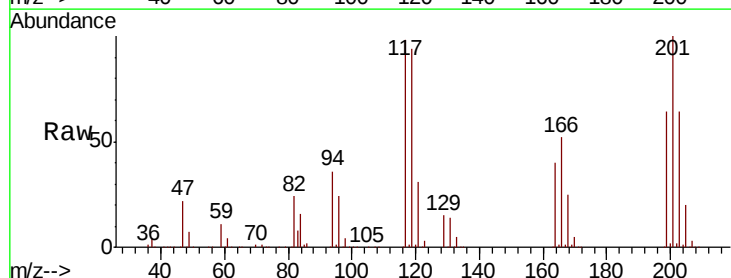
Instrument :
BNA_F
ClientSampleId :

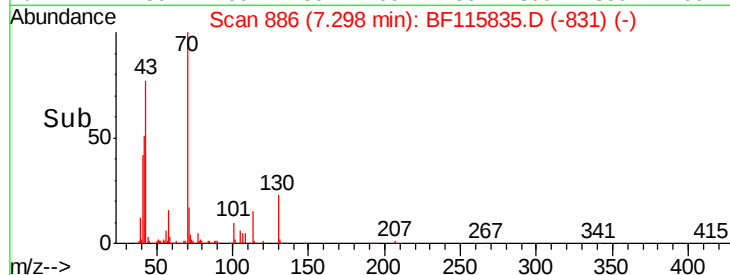
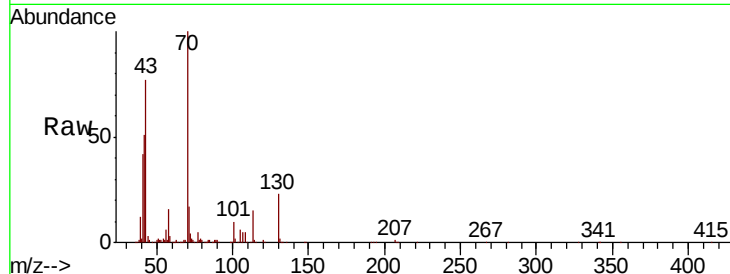
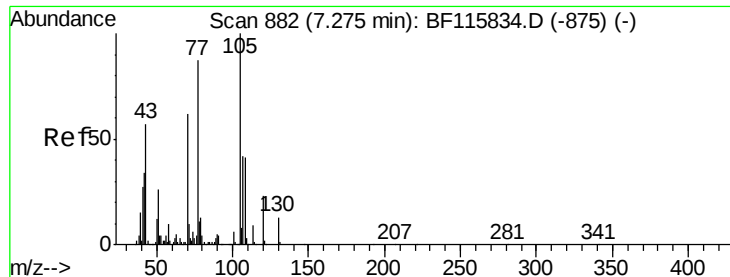
Tot Ion:107 Resp: 755292
Ion Ratio Lower Upper
107 100
108 112.3 91.4 137.2
77 52.6 36.6 54.8
79 49.4 34.7 52.1



#18
Hexachloroethane
Concen: 48.680 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:117 Resp: 345954
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
201 102.0 75.9 113.9

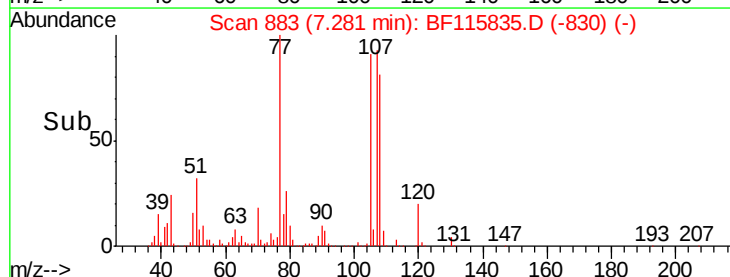
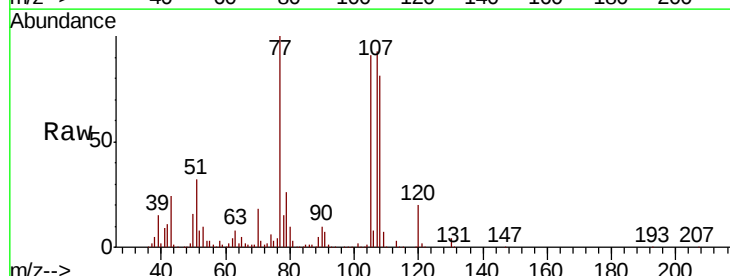
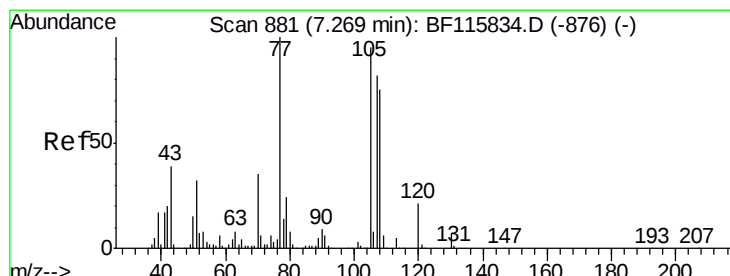
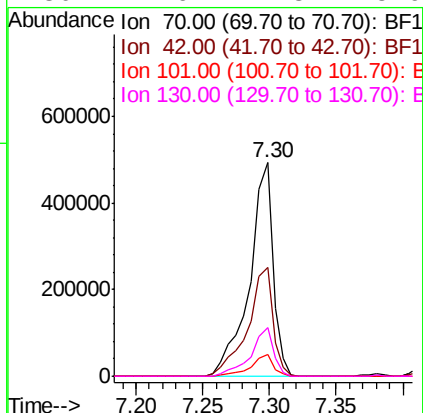




#19
n-Nitroso-di-n-propylamine
Concen: 48.667 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

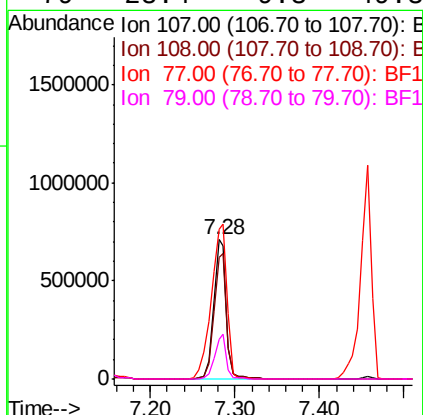
Instrument :
BNA_F
ClientSampleId :

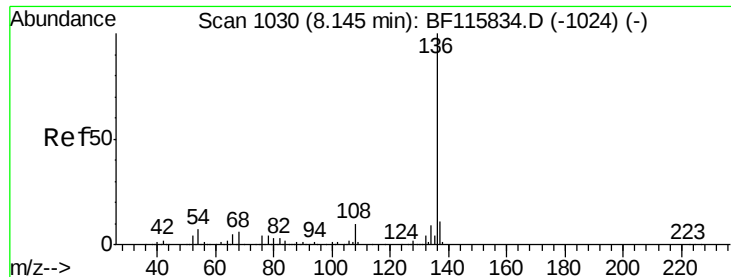
Tot Ion:	70	Resp:	597891
Ion	Ratio	Lower	Upper
70	100		
42	50.7	43.4	65.0
101	10.1	7.9	11.9
130	22.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 43.212 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:	107	Resp:	754980
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.2	111.2
77	108.0	102.2	142.2
79	28.4	9.3	49.3

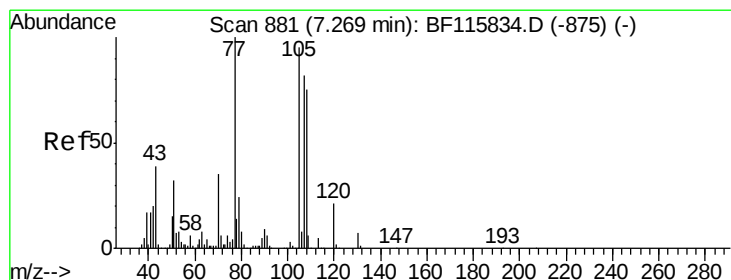
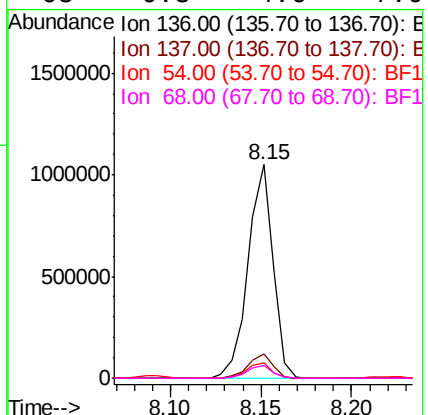
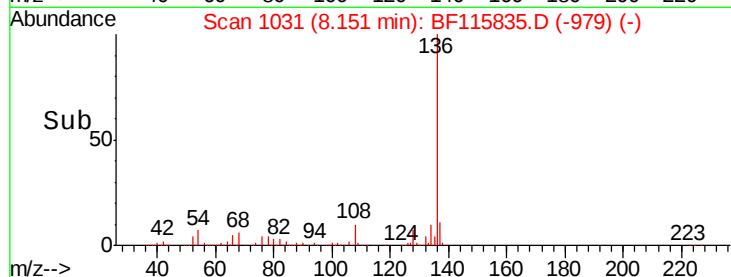
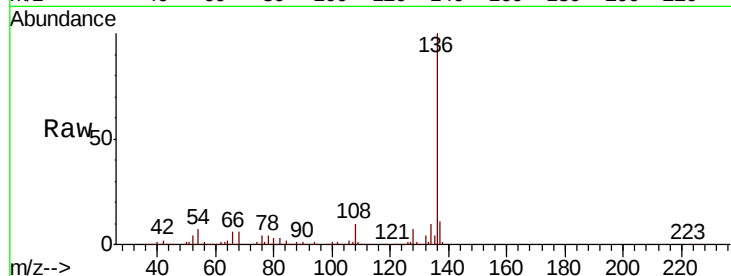




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

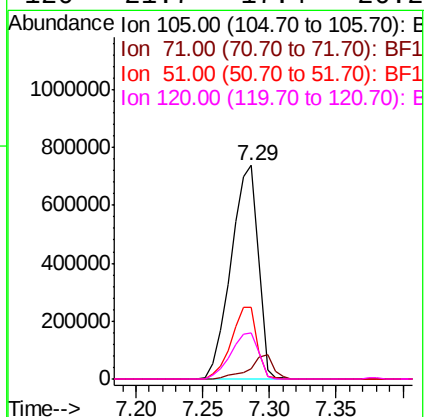
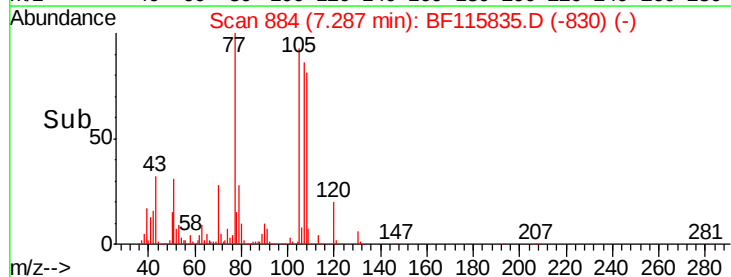
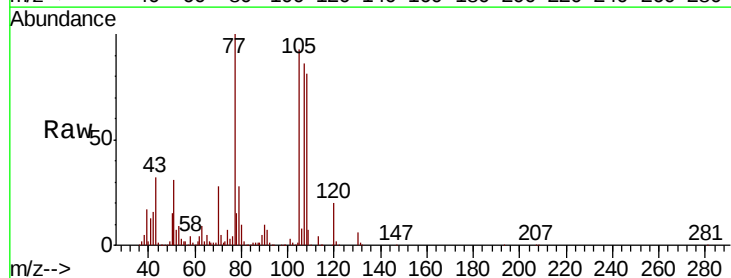
Instrument :
BNA_F
ClientSampleId :

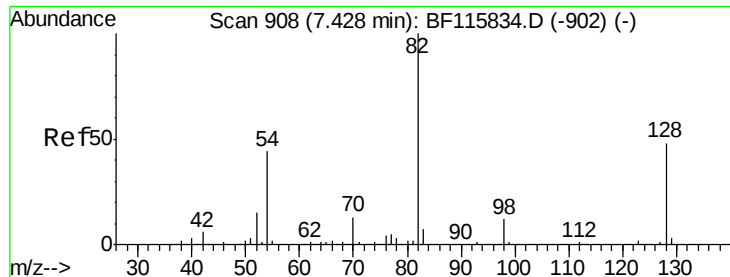
Tot Ion:136	Resp: 1000910
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.4
54 6.9	5.4 8.2
68 6.3	4.6 7.0



#22
Acetophenone
Concen: 46.664 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt	Ion:105	Resp:	1055176
Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.0	7.6#
51	33.7	27.0	40.6
120	21.7	17.4	26.2





#23

Nitrobenzene-d5

Concen: 102.345 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

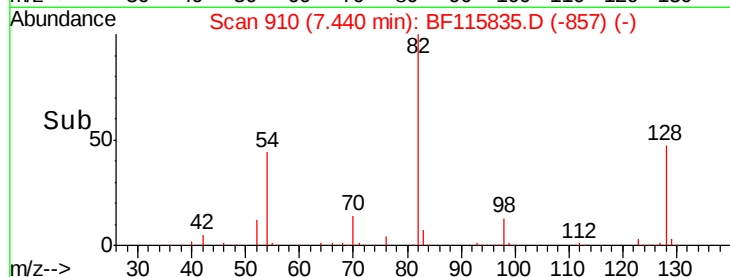
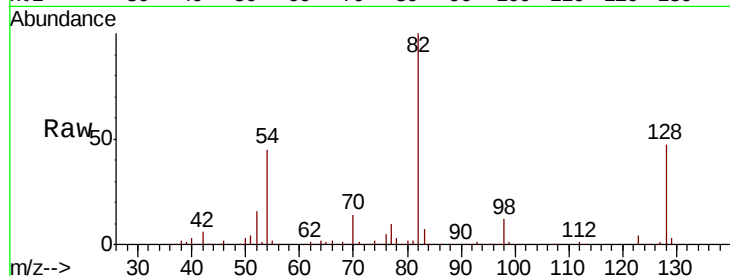
Tot Ion: 82 Resp: 1761729

Ion Ratio Lower Upper

82 100

128 47.3 38.0 57.0

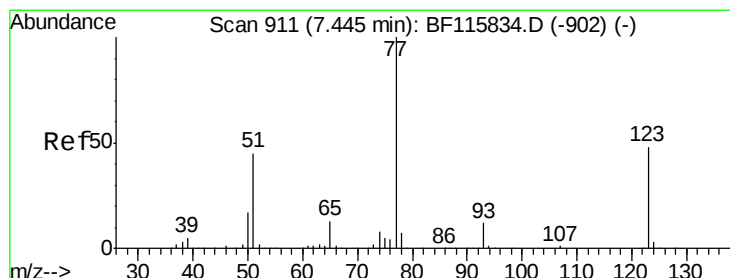
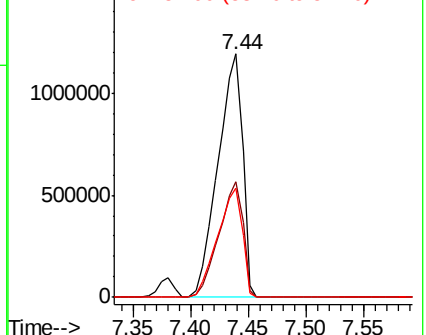
54 45.1 35.4 53.0



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: 51.393 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

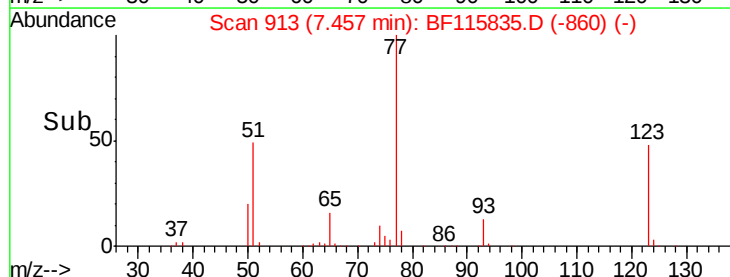
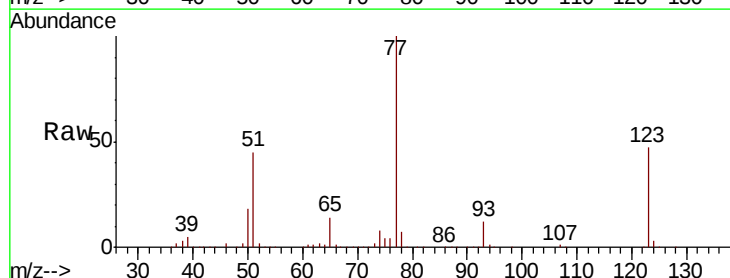
Tgt Ion: 77 Resp: 954182

Ion Ratio Lower Upper

77 100

123 47.5 38.2 57.2

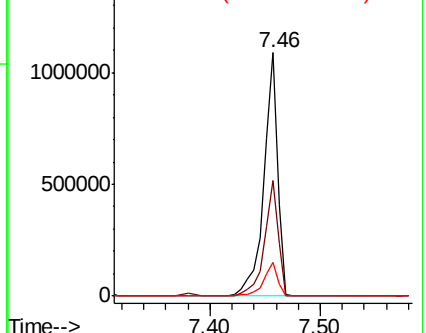
65 13.8 10.7 16.1

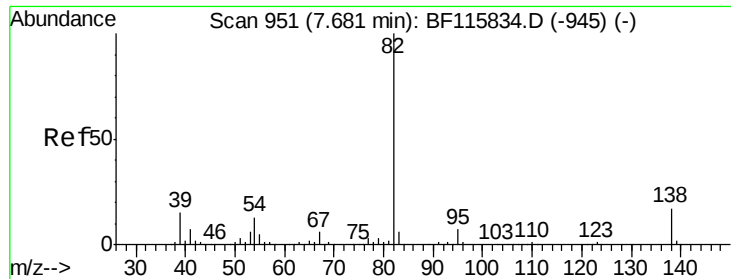


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

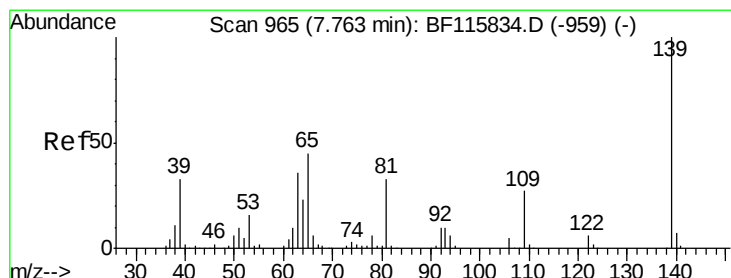
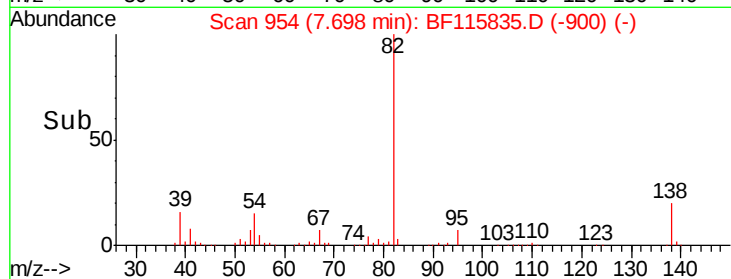
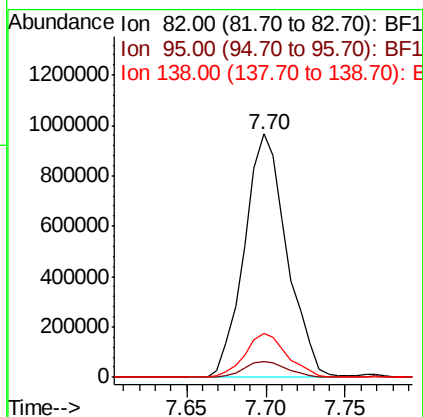
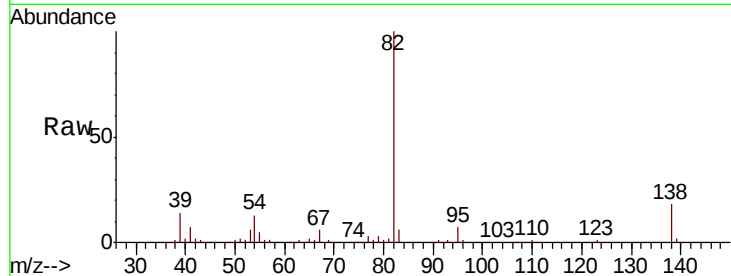




#25
Isophorone
Concen: 52.234 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

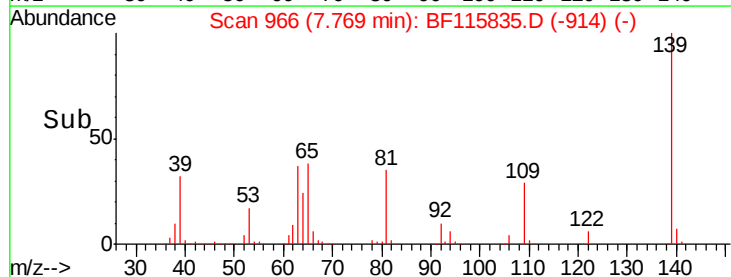
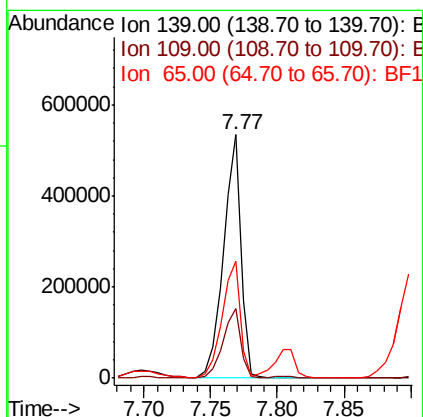
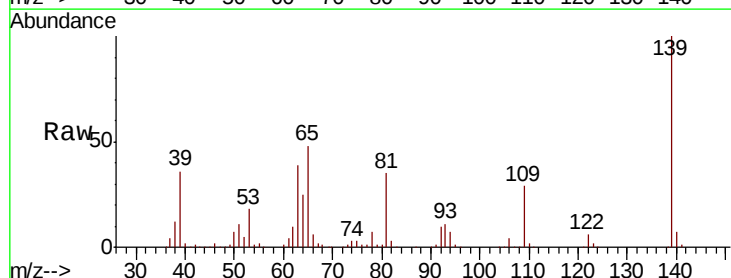
Instrument :
BNA_F
ClientSampleId :

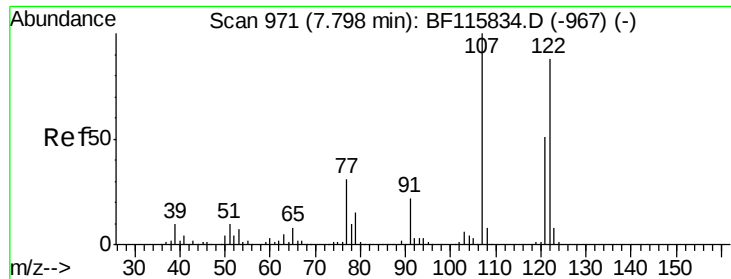
Tot Ion: 82 Resp: 1799180
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.1 13.8 20.6



#26
2-Nitrophenol
Concen: 51.864 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion: 139 Resp: 495634
Ion Ratio Lower Upper
139 100
109 28.8 22.0 33.0
65 47.9 35.7 53.5

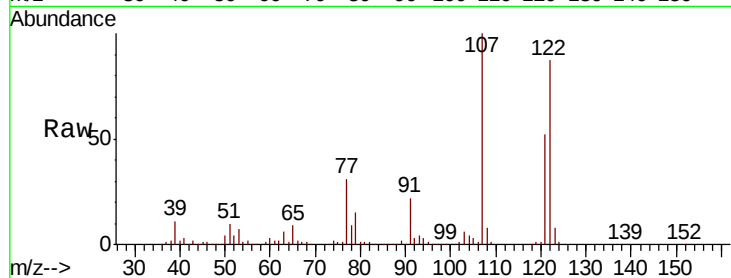




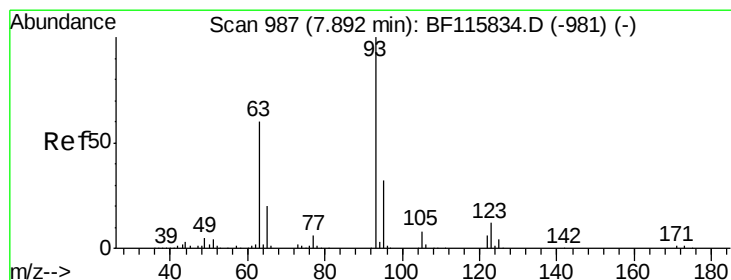
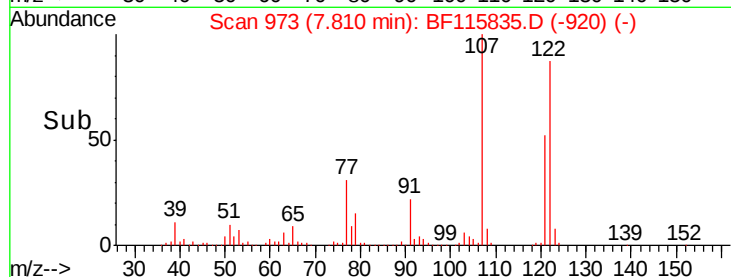
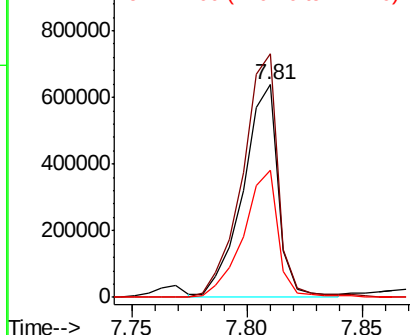
#27
 2,4-Dimethylphenol
 Concen: 47.922 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 685217
 Ion Ratio Lower Upper
 122 100
 107 114.5 90.6 135.8
 121 59.5 46.2 69.4

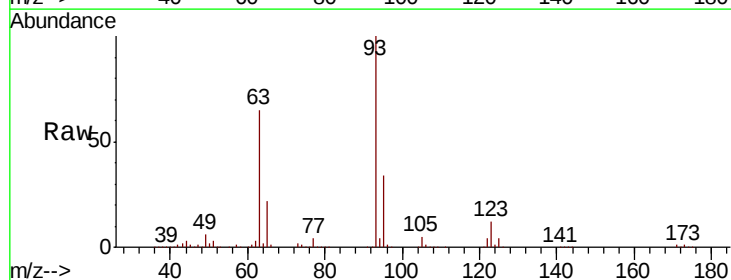


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

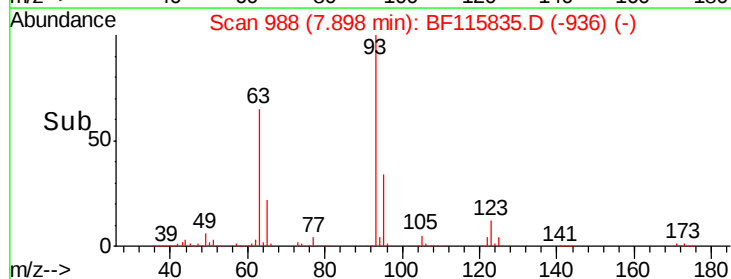
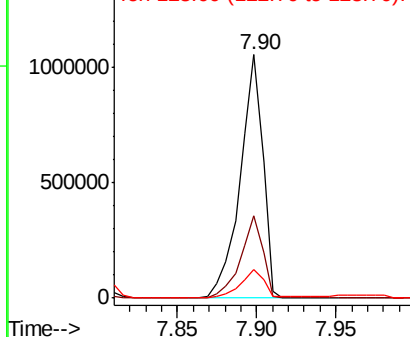


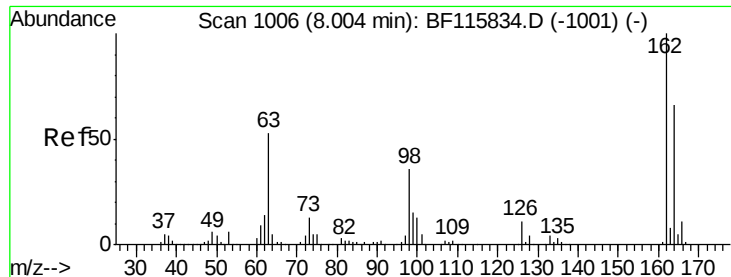
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.454 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Tgt Ion: 93 Resp: 1045007
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.9 38.9
 123 12.0 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

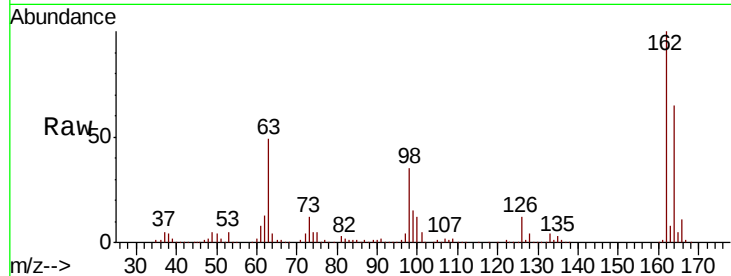




#29
 2,4-Dichlorophenol
 Concen: 48.327 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.0	86.0
98	35.0	16.1	56.1

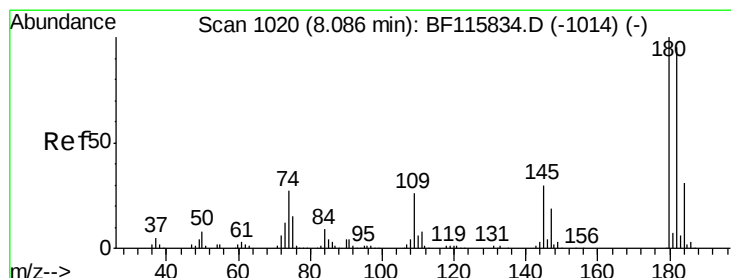
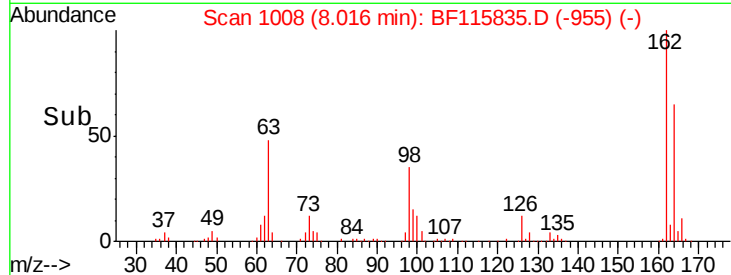
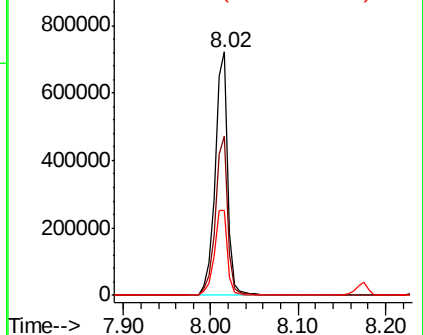


Abundance

Ion 162.00 (161.70 to 162.70): E

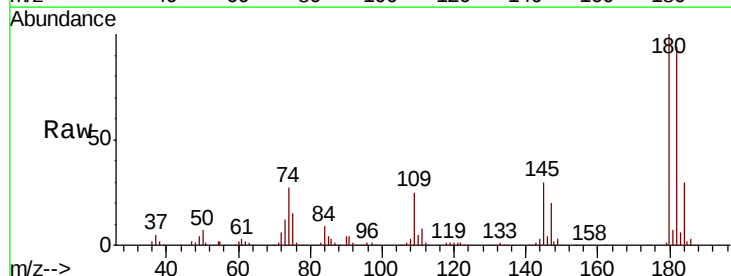
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.907 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.4
145	30.3	24.2	36.2

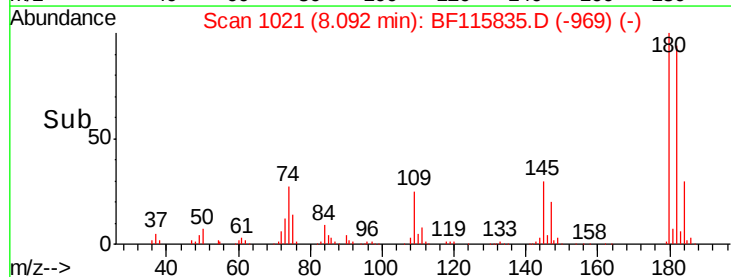
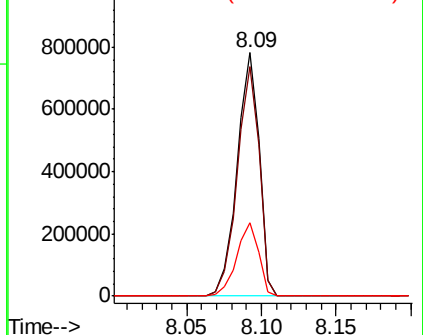


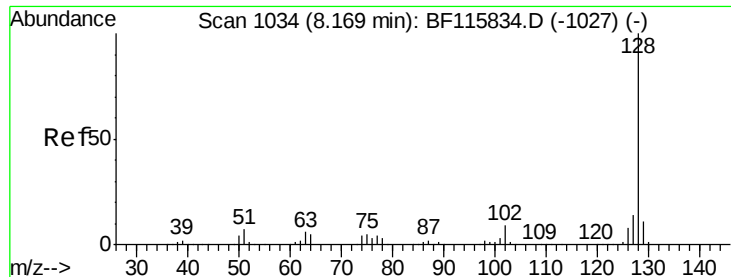
Abundance

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

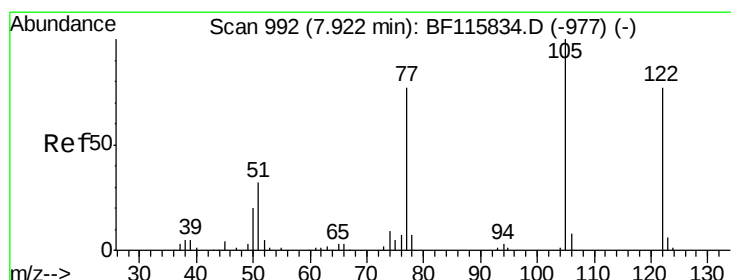
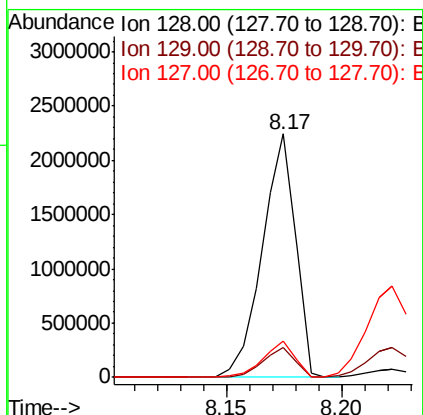
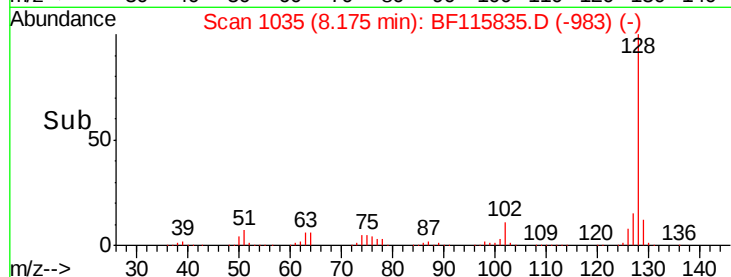
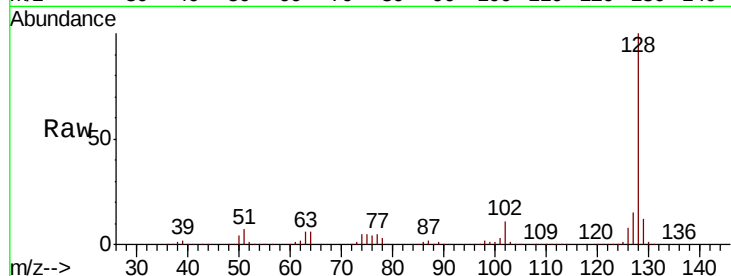




#31
Naphthalene
Concen: 46.336 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

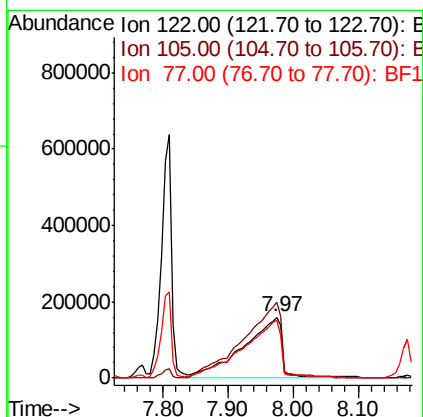
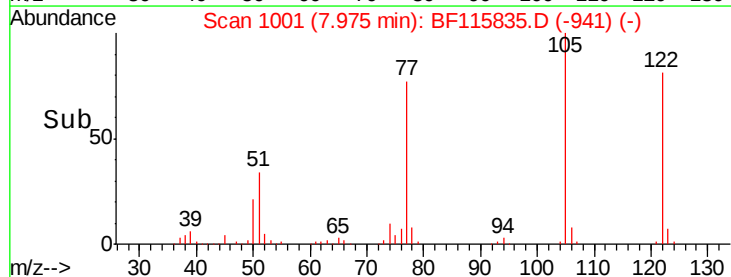
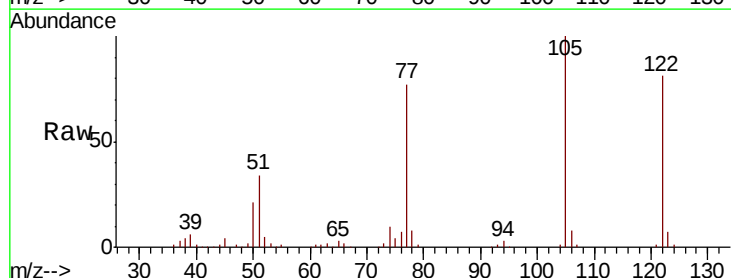
Instrument :
BNA_F
ClientSampleId :

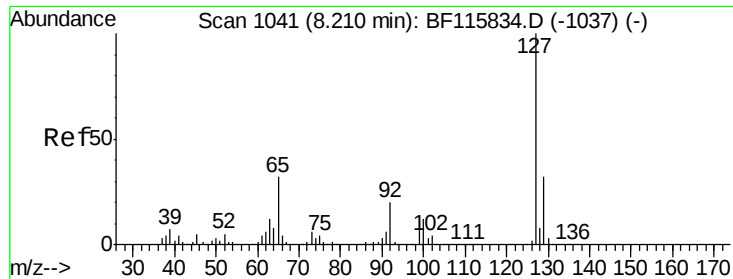
Tot Ion:128 Resp: 2246104
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 14.7 11.0 16.6



#32
Benzoic acid
Concen: 54.685 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.05 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:122 Resp: 641704
Ion Ratio Lower Upper
122 100
105 124.1 103.8 143.8
77 95.5 76.8 116.8

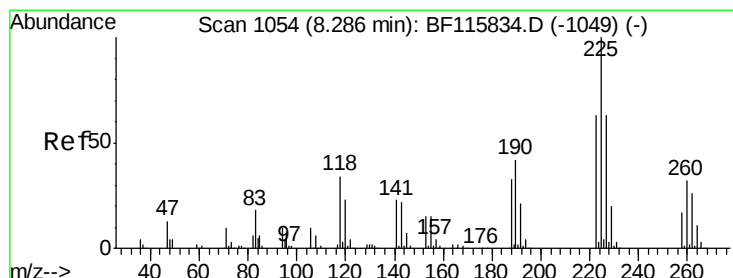
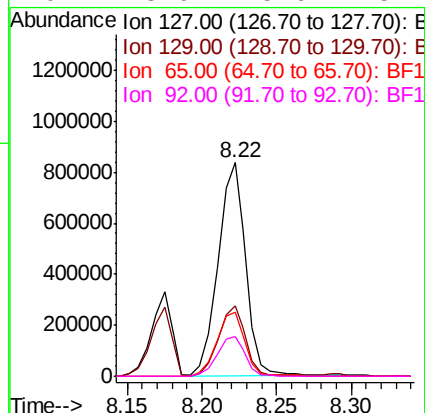
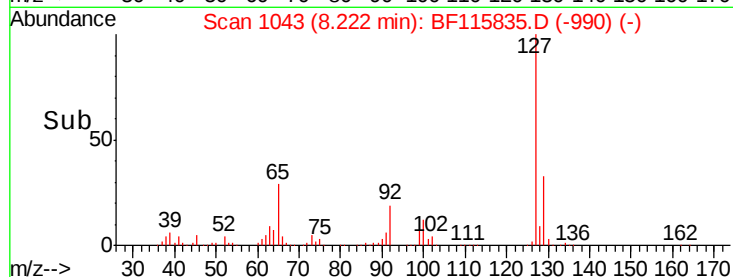
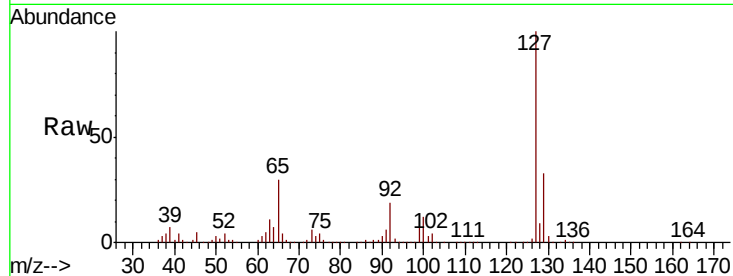




#33
4-Chloroaniline
Concen: 50.053 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

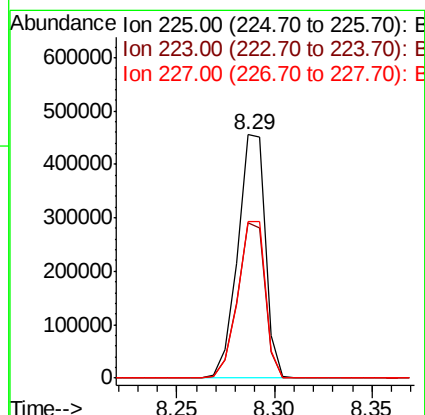
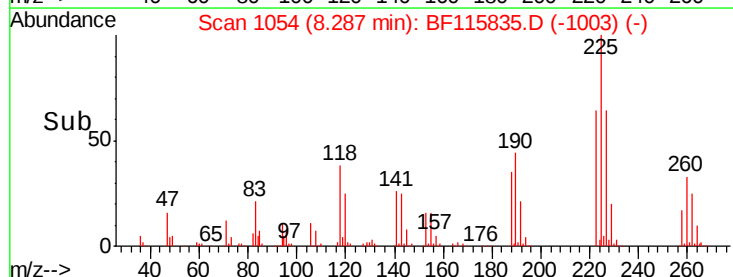
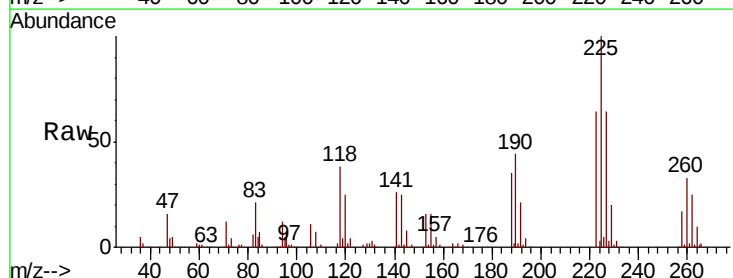
Instrument :
BNA_F
ClientSampleId :

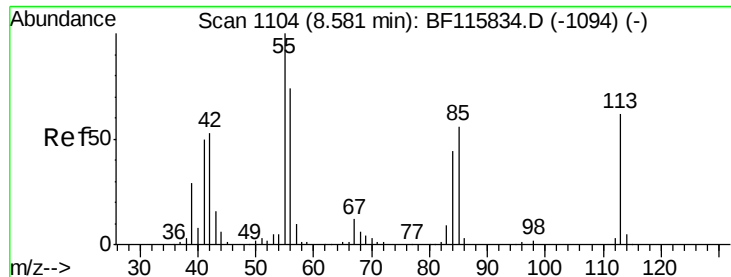
Tot Ion:127 Resp: 1074710
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.6
65 29.8 25.4 38.0
92 18.9 15.6 23.4



#34
Hexachlorobutadiene
Concen: 46.334 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:225 Resp: 446629
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.4
227 64.5 50.2 75.4

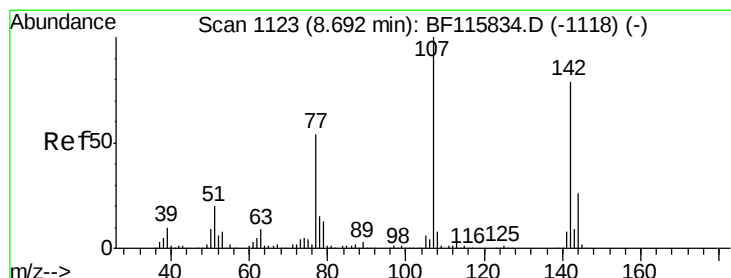
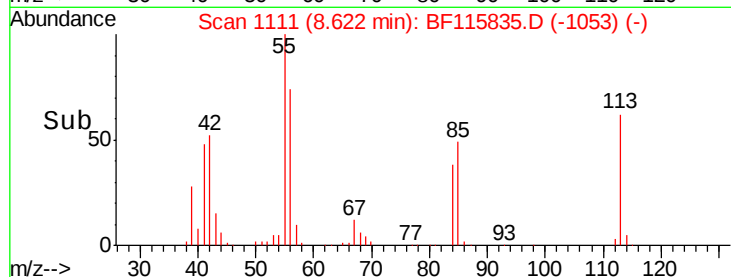
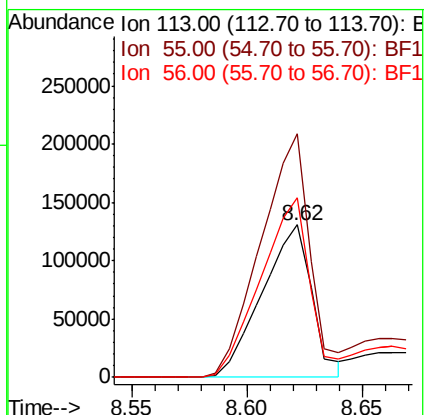
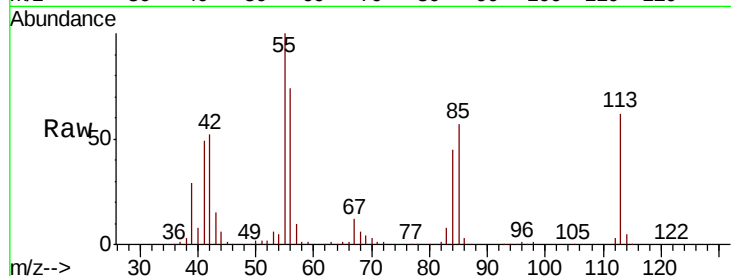




#35
Caprolactam
Concen: 42.453 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.04 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

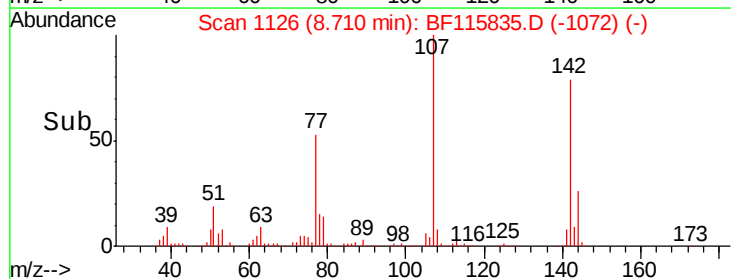
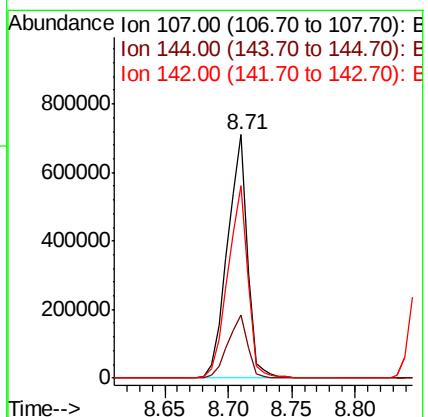
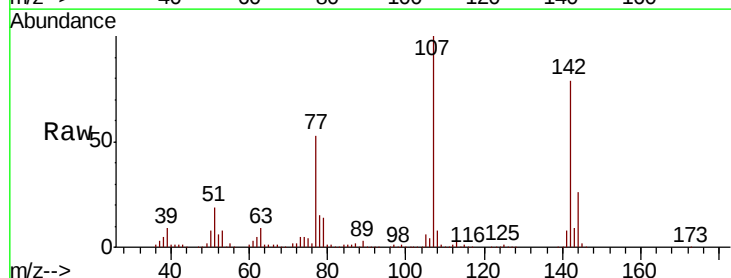
Instrument :
BNA_F
ClientSampled :

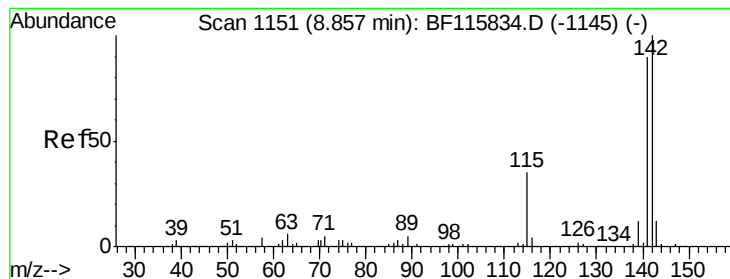
Tot Ion:113 Resp: 195080
Ion Ratio Lower Upper
113 100
55 160.0 141.2 181.2
56 117.7 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 50.231 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:107 Resp: 774826
Ion Ratio Lower Upper
107 100
144 26.0 20.4 30.6
142 78.8 63.4 95.0





#37

2-Methylnaphthalene

Concen: 45.941 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

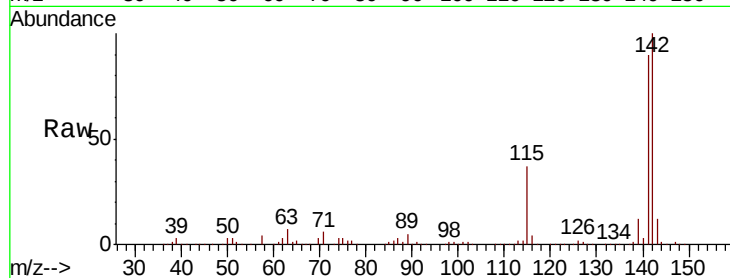
Tot Ion:142 Resp: 1476192

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

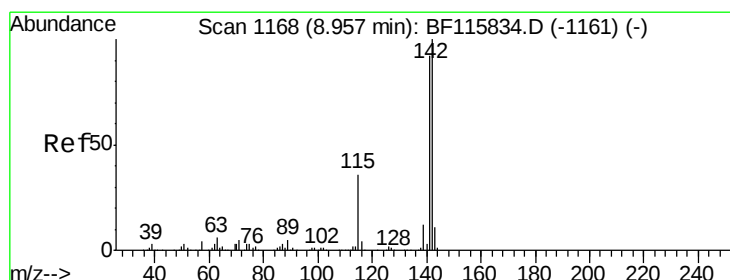
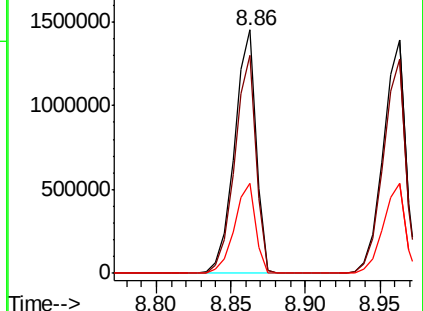
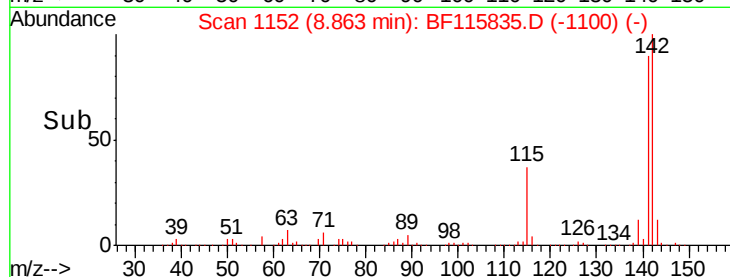
115 36.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.089 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

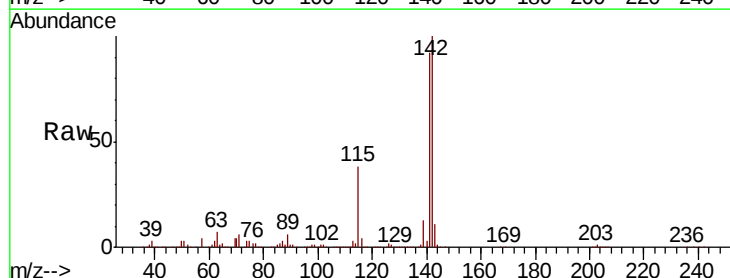
Tgt Ion:142 Resp: 1406660

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8

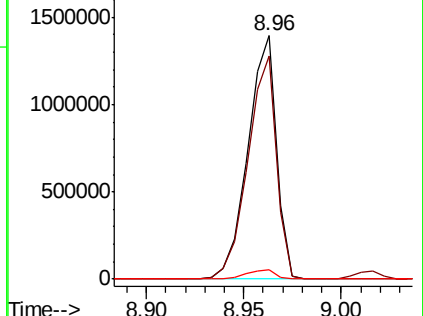
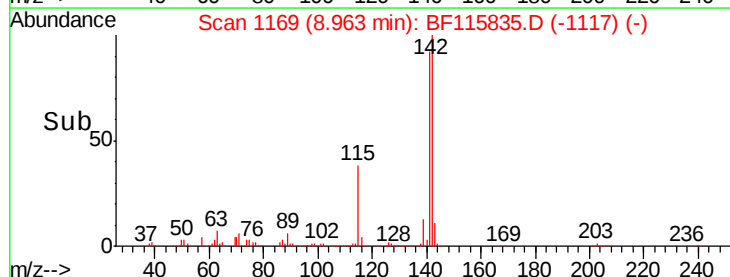
116 4.0 3.0 4.4

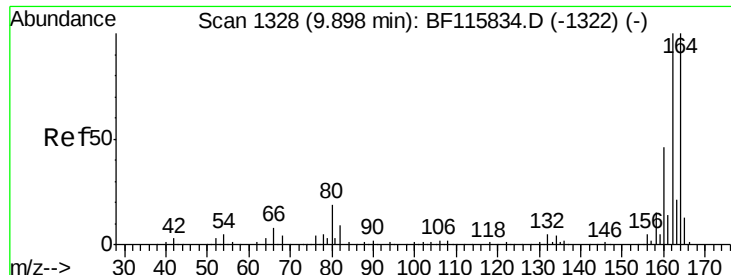


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

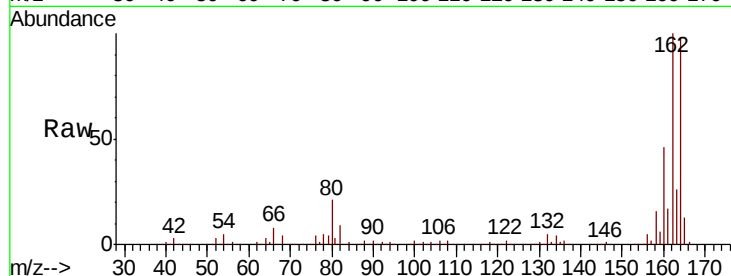




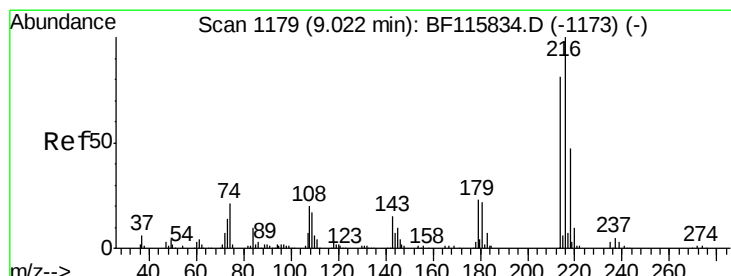
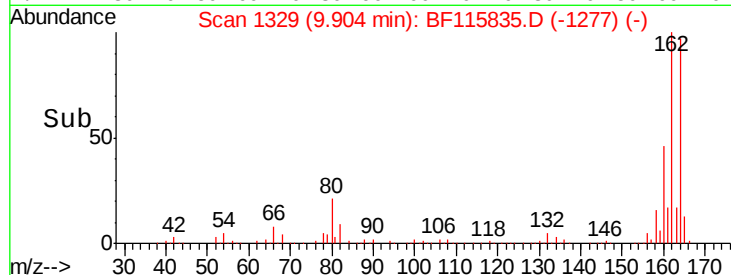
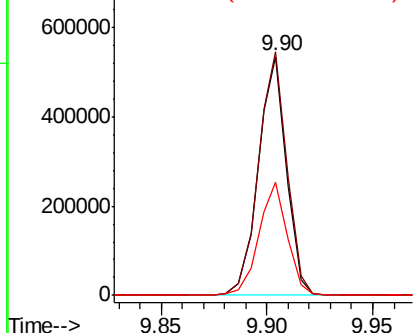
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 494276
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.3 120.5
 160 47.4 36.9 55.3

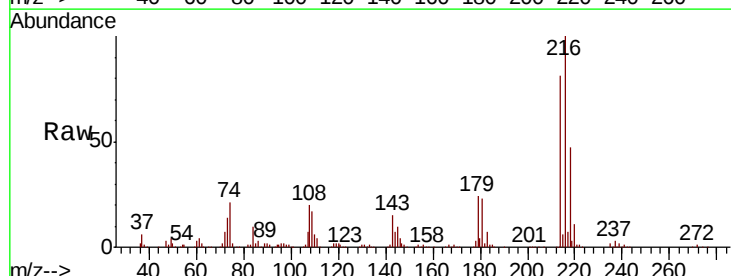


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

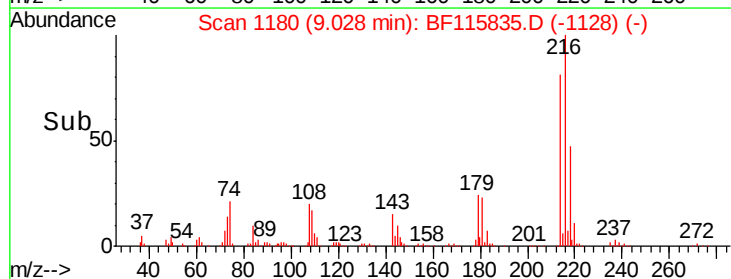
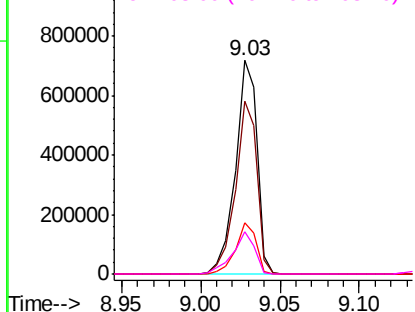


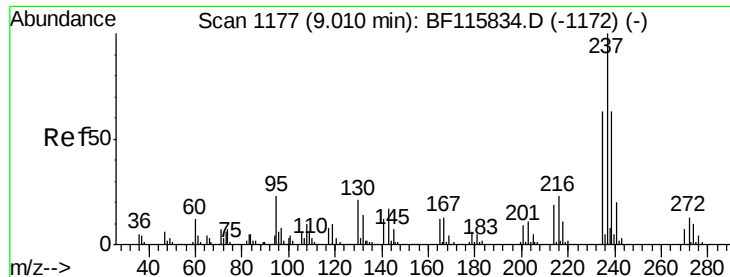
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.507 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Tgt Ion:216 Resp: 677341
 Ion Ratio Lower Upper
 216 100
 214 80.5 64.0 96.0
 179 22.9 17.8 26.8
 108 20.6 16.2 24.4



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: 39.957 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

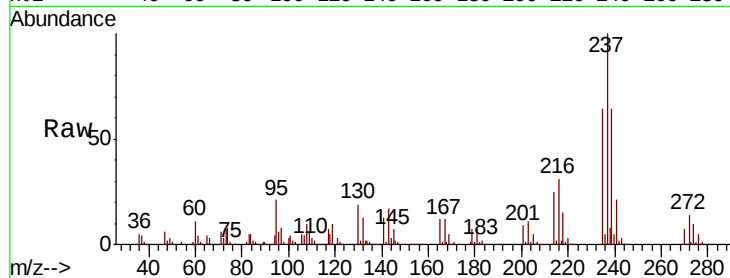
Tot Ion:237 Resp: 339259

Ion Ratio Lower Upper

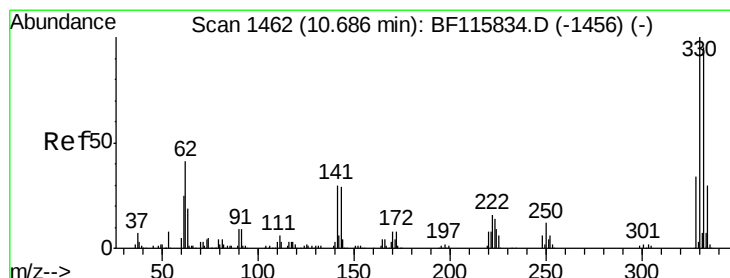
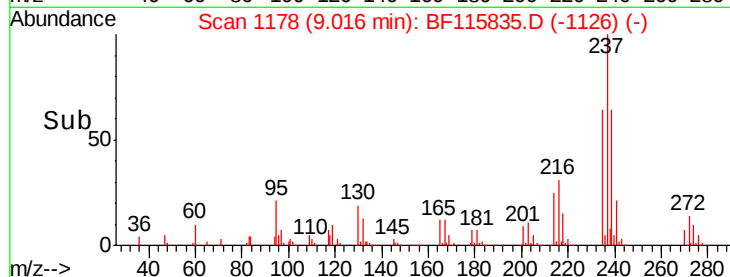
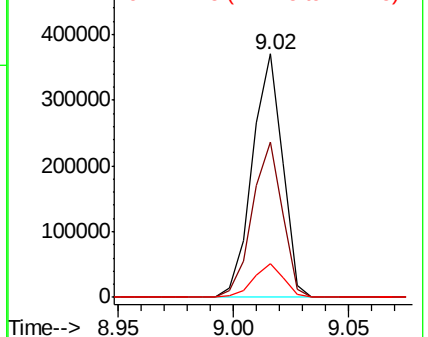
237 100

235 63.6 42.7 82.7

272 13.6 0.0 32.8



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: 88.605 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

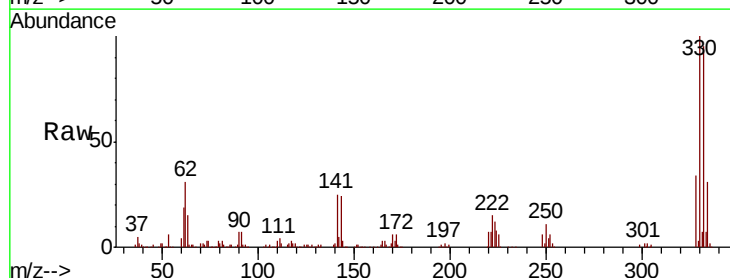
Tgt Ion:330 Resp: 511200

Ion Ratio Lower Upper

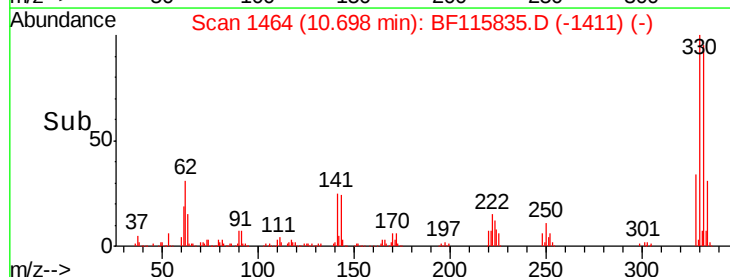
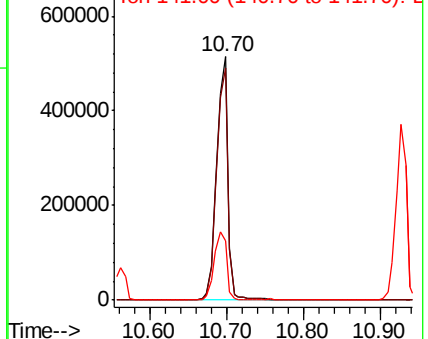
330 100

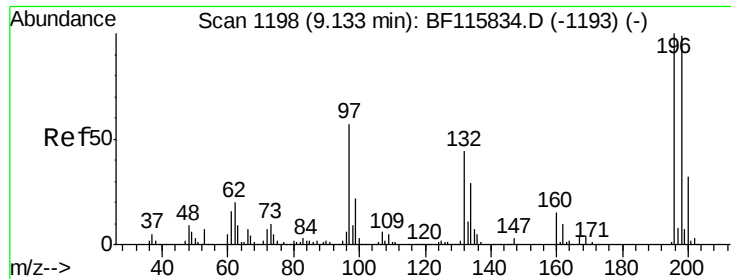
332 96.5 76.7 115.1

141 31.4 27.2 40.8



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

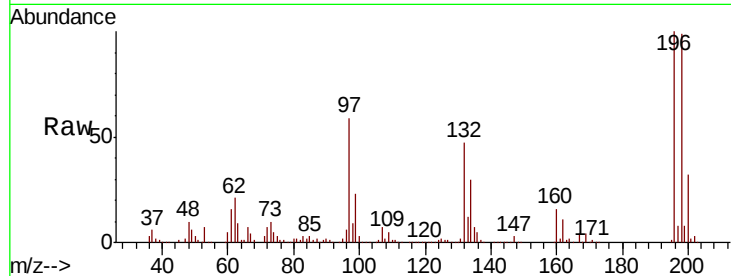




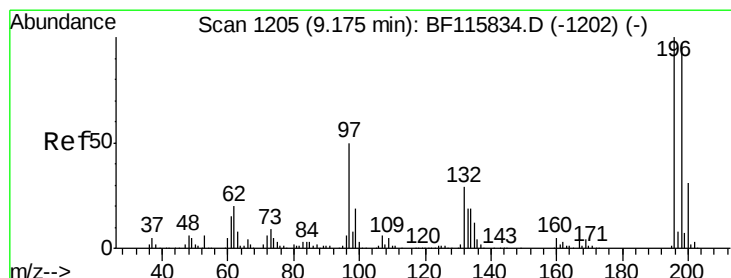
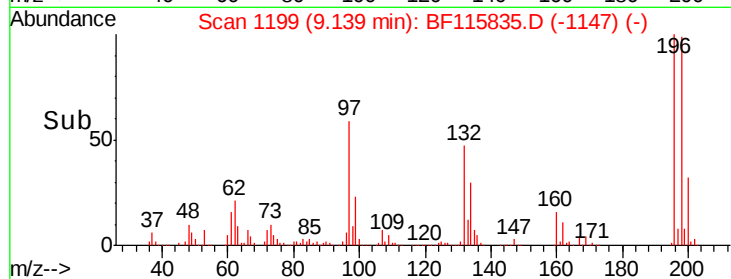
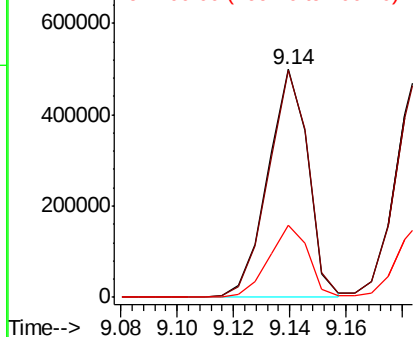
#43
 2,4,6-Trichlorophenol
 Concen: 45.183 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.3	118.9
200	31.7	25.3	37.9



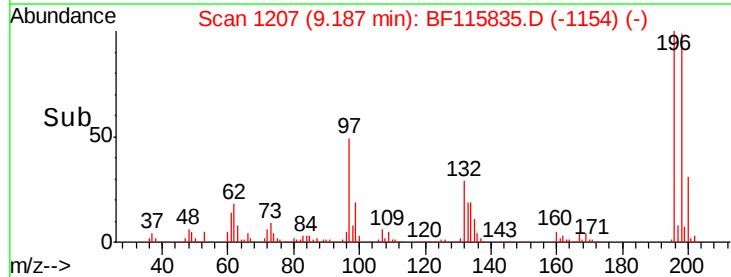
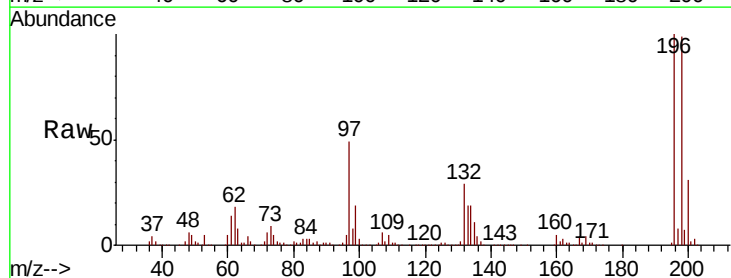
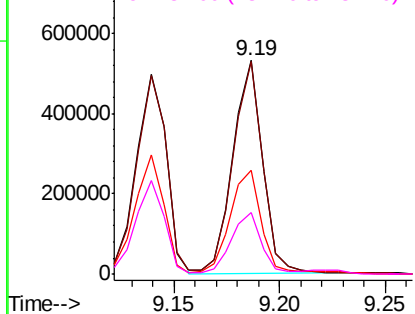
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

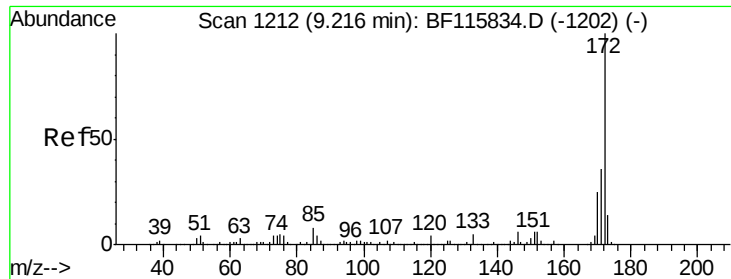


#44
 2,4,5-Trichlorophenol
 Concen: 46.341 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	77.9	116.9
97	48.6	40.2	60.4
132	29.1	23.0	34.6

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



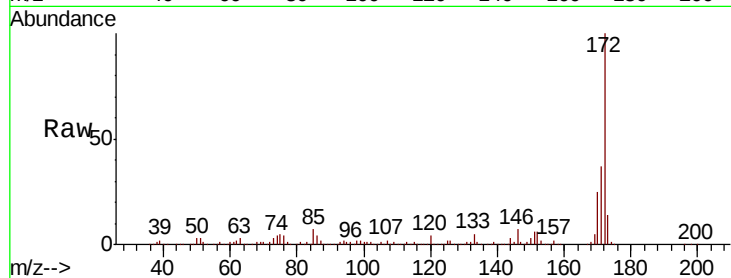


#45
 2-Fluorobiphenyl
 Concen: 87.007 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

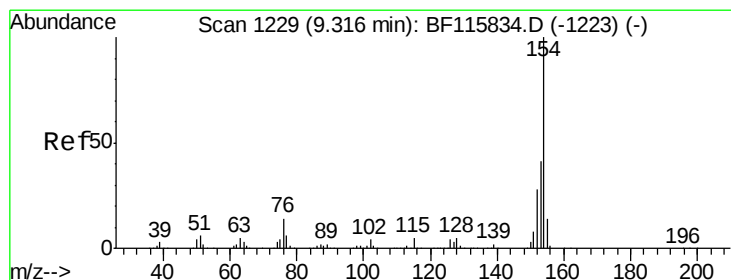
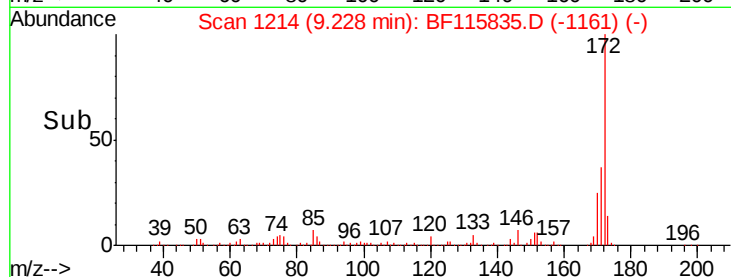
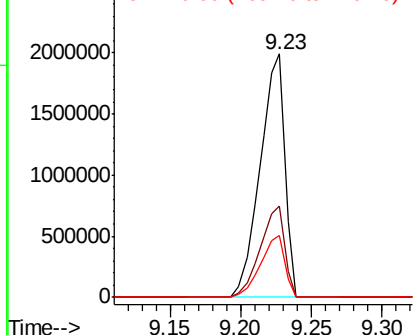
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2457060

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.1	43.7
170	25.4	20.1	30.1



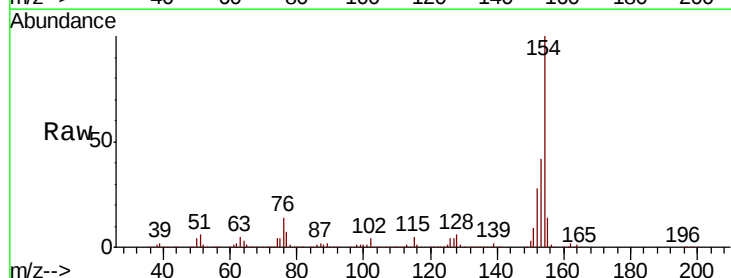
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



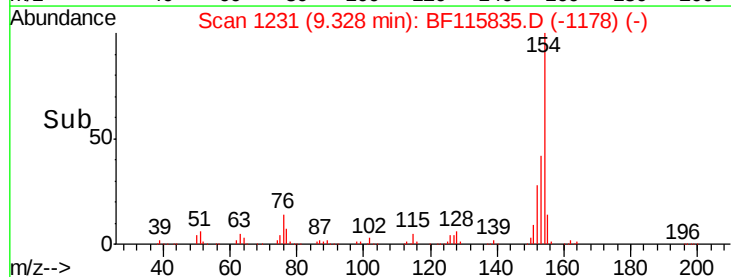
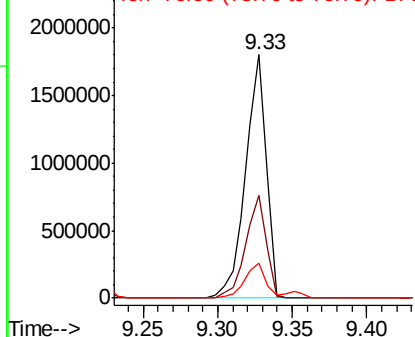
#46
 1,1'-Biphenyl
 Concen: 44.611 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

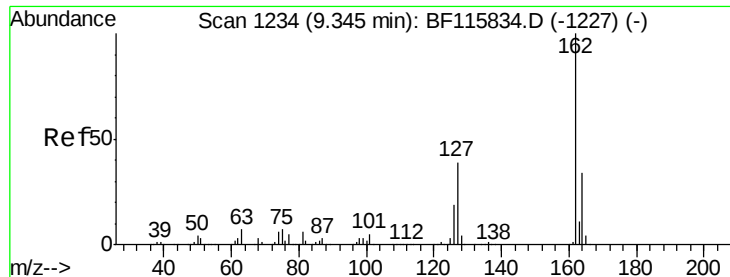
Tgt Ion:154 Resp: 1723876

Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.9	60.9
76	14.3	0.0	33.9



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

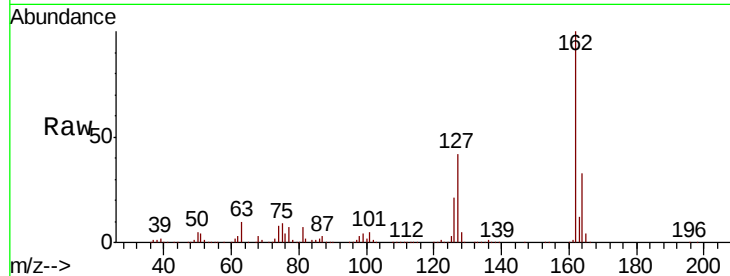




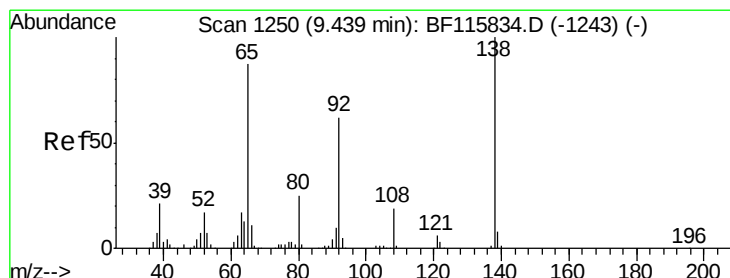
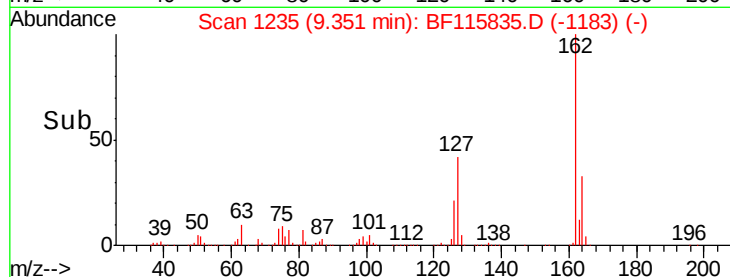
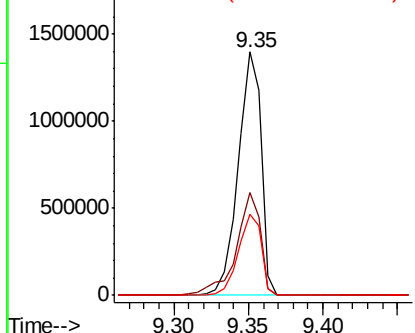
#47
2-Chloronaphthalene
Concen: 46.470 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1495198
Ion Ratio Lower Upper
162 100
127 42.4 31.7 47.5
164 33.2 27.0 40.4

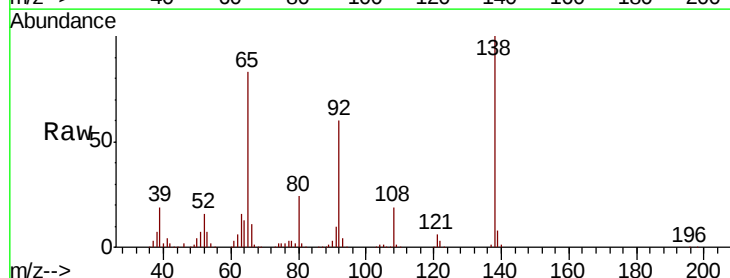


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

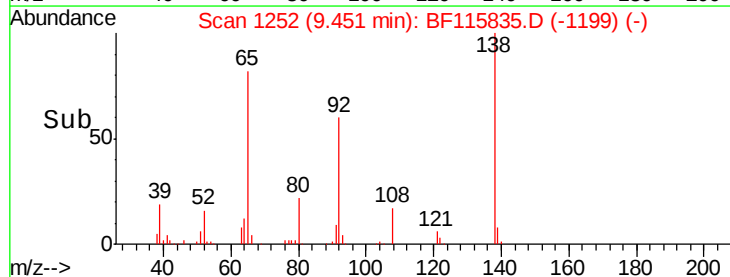
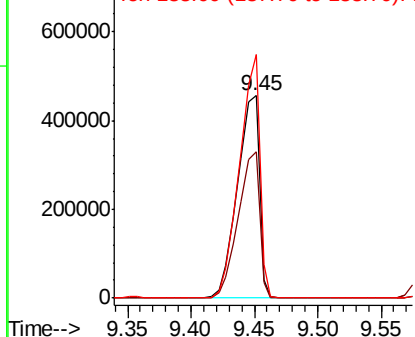


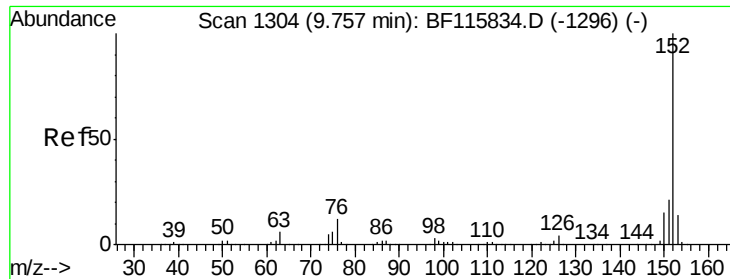
#48
2-Nitroaniline
Concen: 54.593 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion: 65 Resp: 543673
Ion Ratio Lower Upper
65 100
92 72.2 57.0 85.6
138 120.4 92.3 138.5



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: 45.140 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

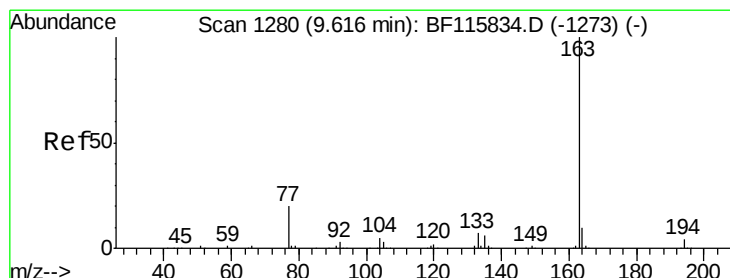
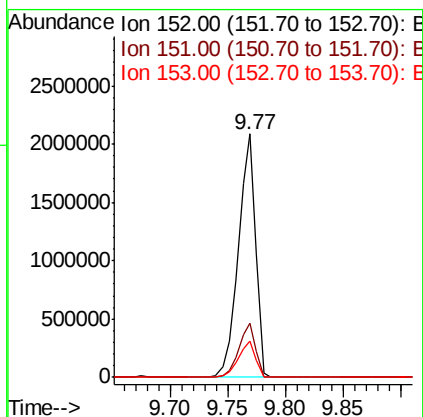
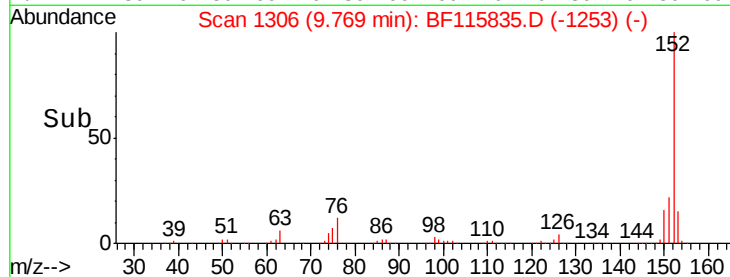
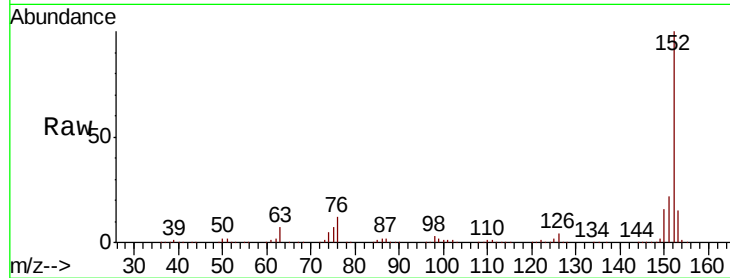
Tot Ion:152 Resp: 2152114

Ion Ratio Lower Upper

152 100

151 22.2 16.6 24.8

153 14.7 11.5 17.3



#50

Dimethylphthalate

Concen: 49.784 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

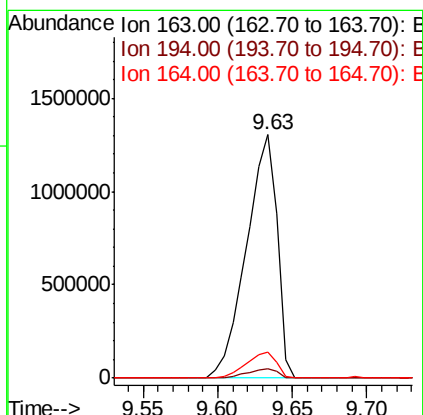
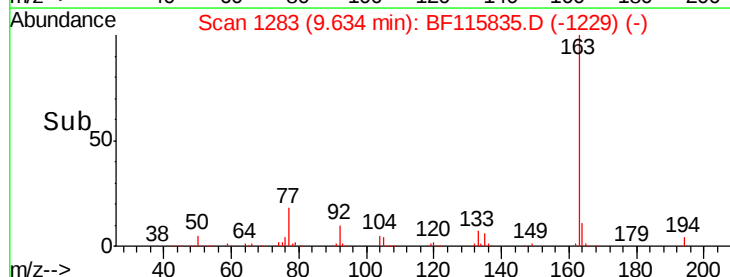
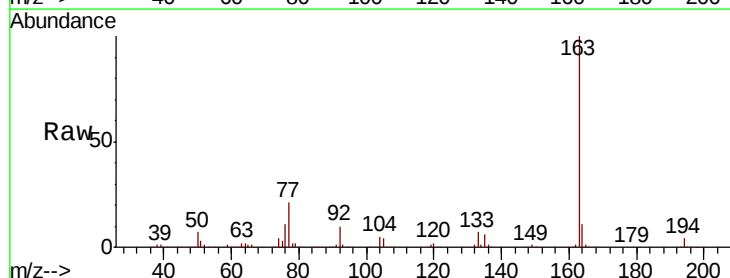
Tgt Ion:163 Resp: 1851356

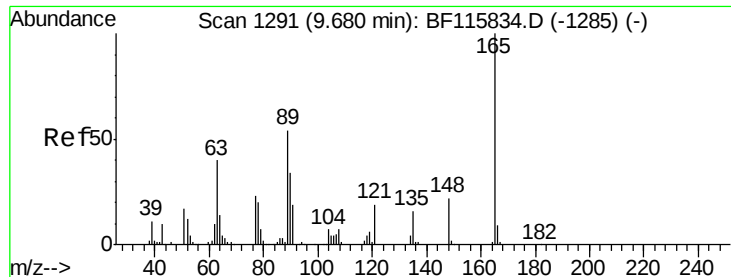
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.7 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 48.859 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

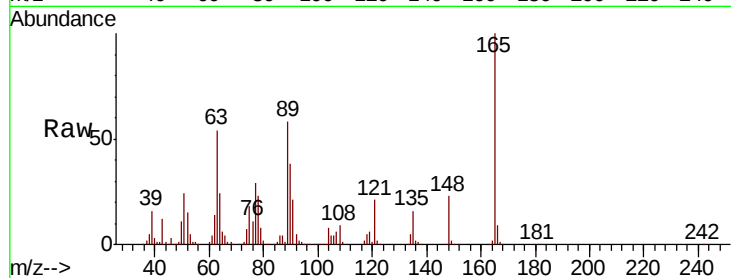
Tot Ion:165 Resp: 412912

Ion Ratio Lower Upper

165 100

63 53.5 37.8 56.8

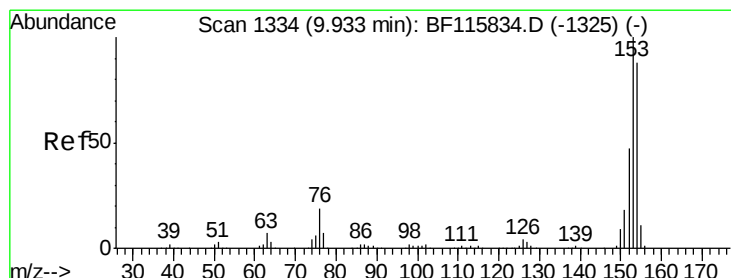
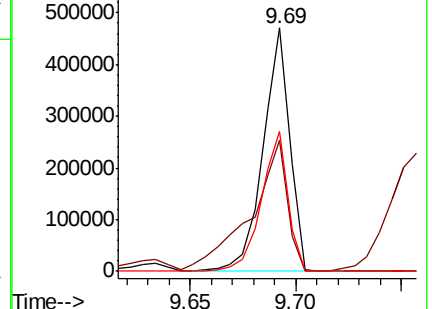
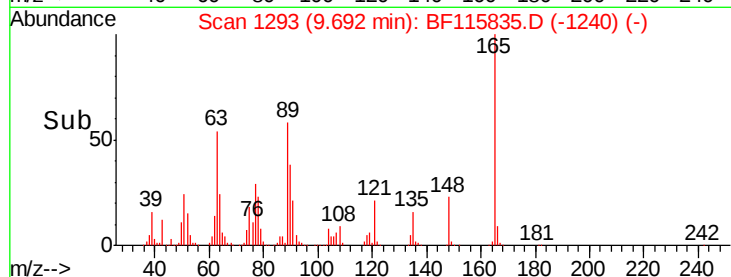
89 57.6 43.0 64.6



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: 42.726 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

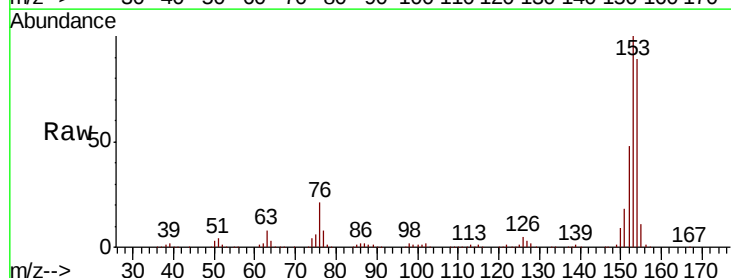
Tgt Ion:154 Resp: 1315116

Ion Ratio Lower Upper

154 100

153 112.6 91.0 136.6

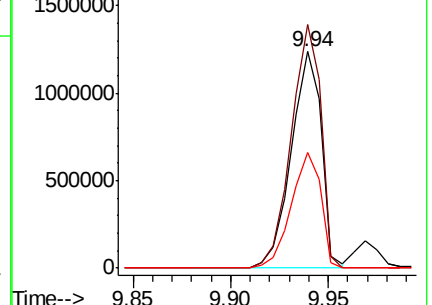
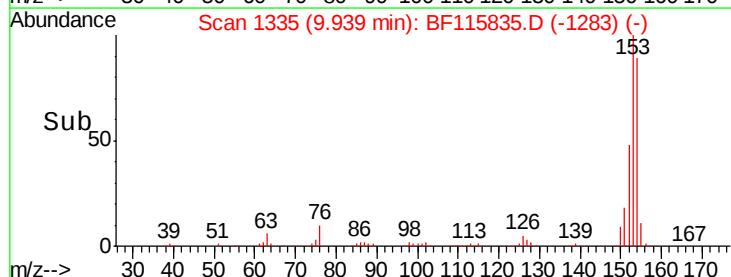
152 53.5 42.6 64.0

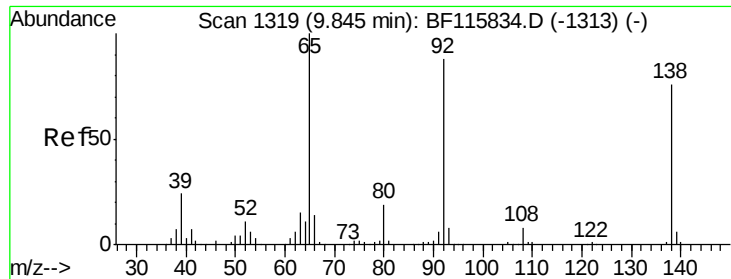


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

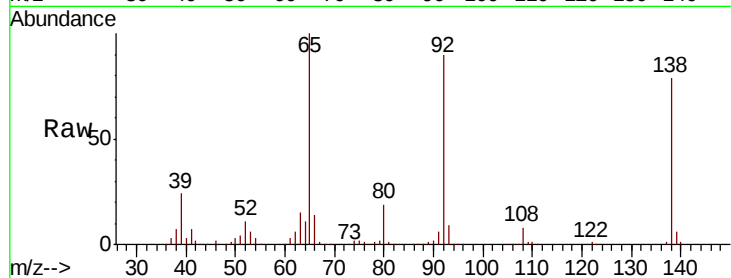




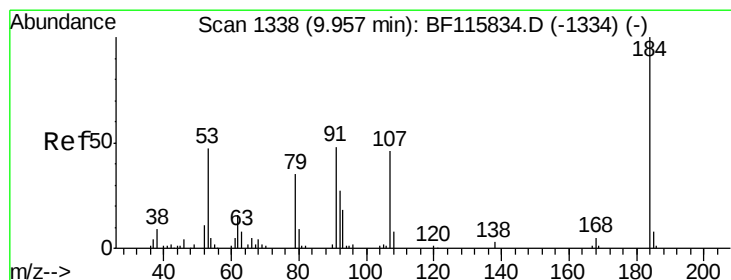
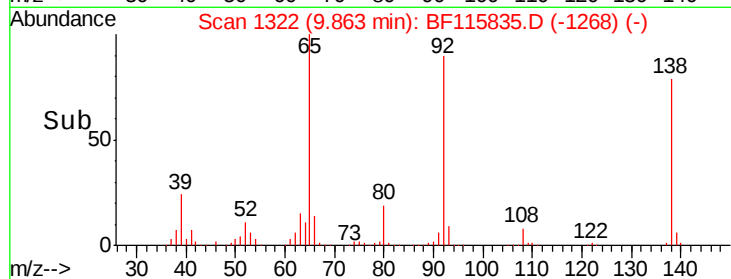
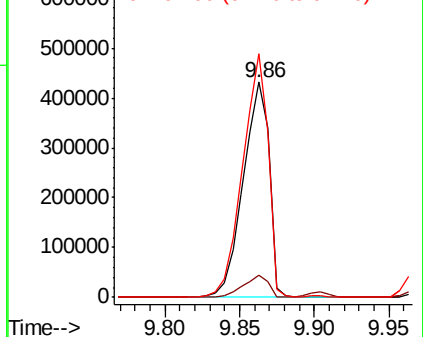
#53
3-Nitroaniline
Concen: 53.853 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 520089
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 113.1 92.3 138.5

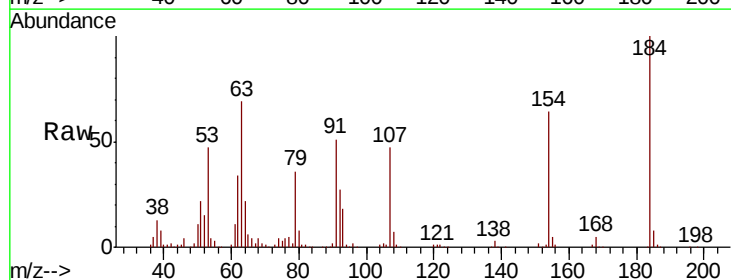


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

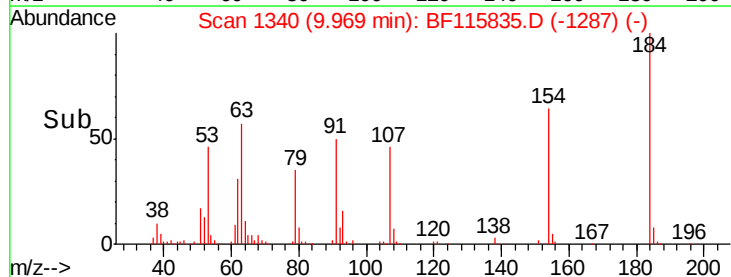
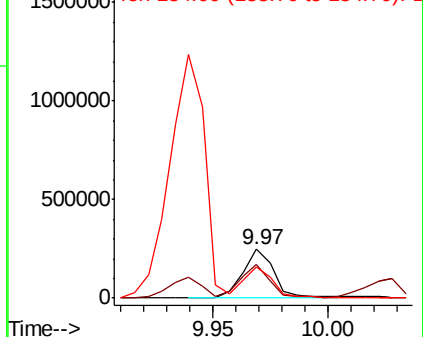


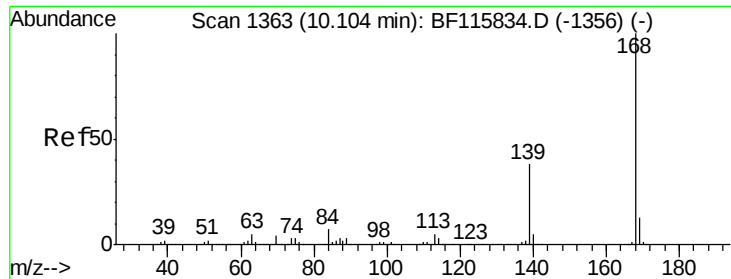
#54
2,4-Dinitrophenol
Concen: 53.520 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:184 Resp: 232224
Ion Ratio Lower Upper
184 100
63 68.9 55.4 83.2
154 64.2 51.4 77.2



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

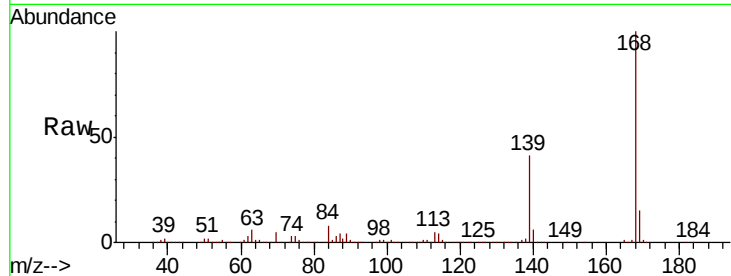




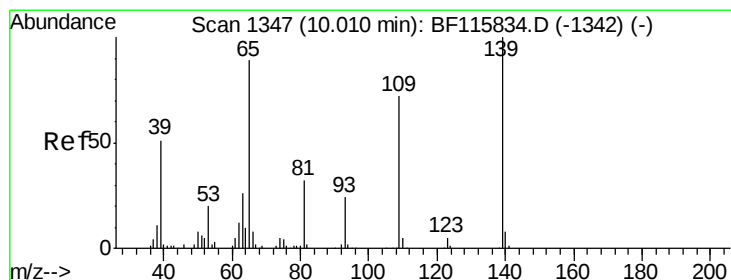
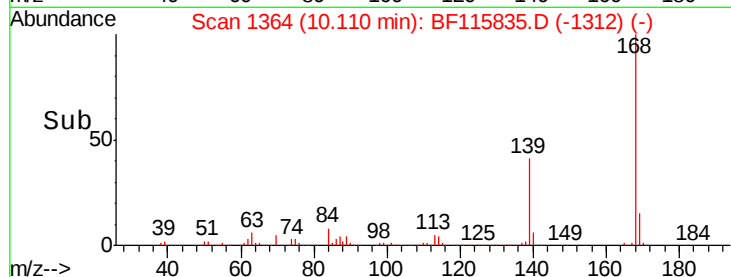
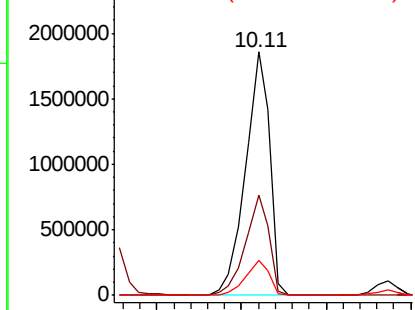
#55
Dibenzofuran
Concen: 42.568 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1860741
Ion Ratio Lower Upper
168 100
139 41.3 31.0 46.4
169 14.6 10.8 16.2

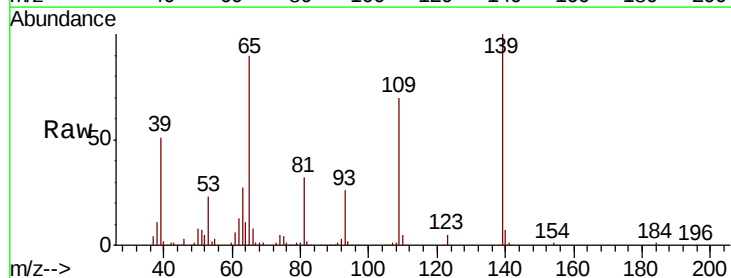


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

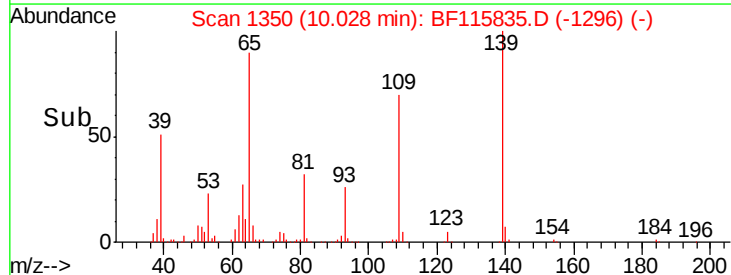
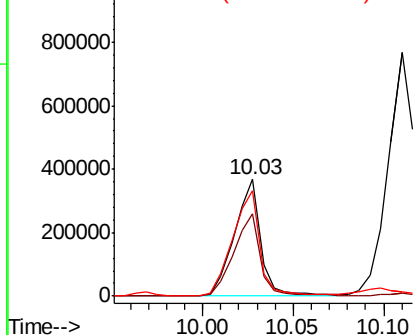


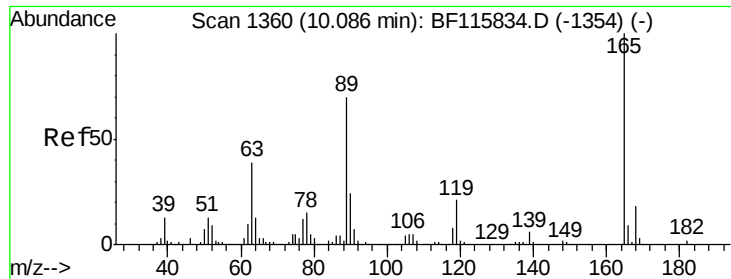
#56
4-Nitrophenol
Concen: 50.609 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:139 Resp: 372704
Ion Ratio Lower Upper
139 100
109 70.5 51.5 91.5
65 90.4 69.7 109.7



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

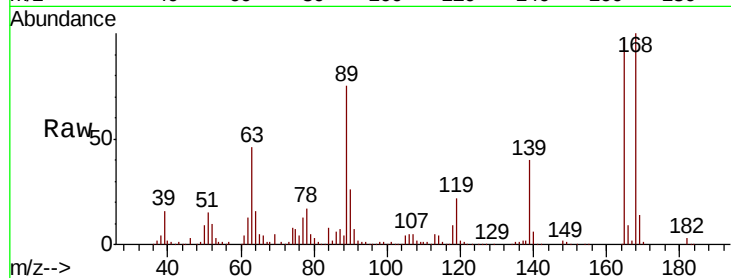




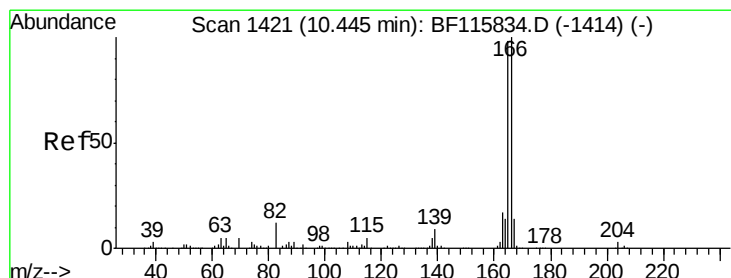
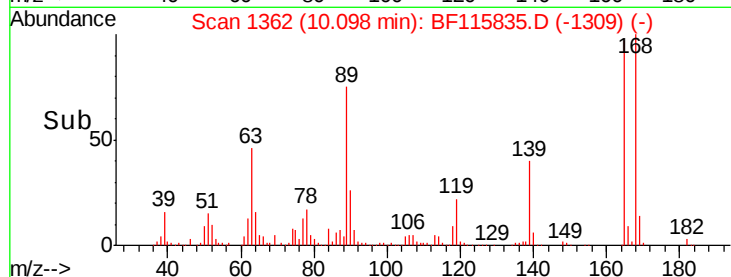
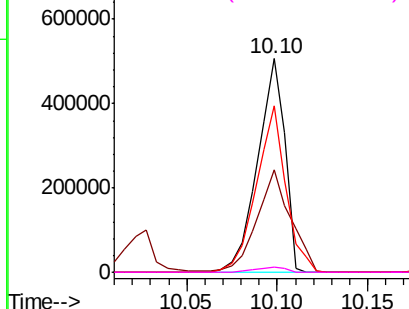
#57
2,4-Dinitrotoluene
Concen: 48.335 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 529221
Ion Ratio Lower Upper
165 100
63 47.8 31.8 47.6#
89 77.7 56.2 84.4
182 2.7 2.0 3.0

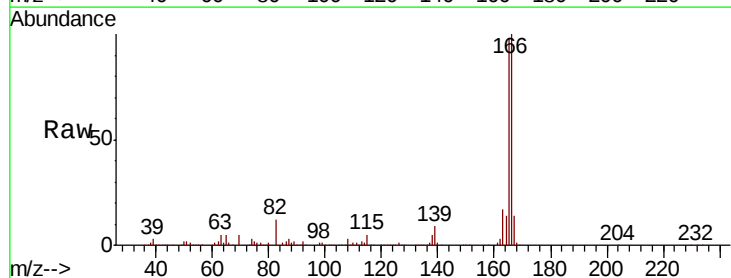


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

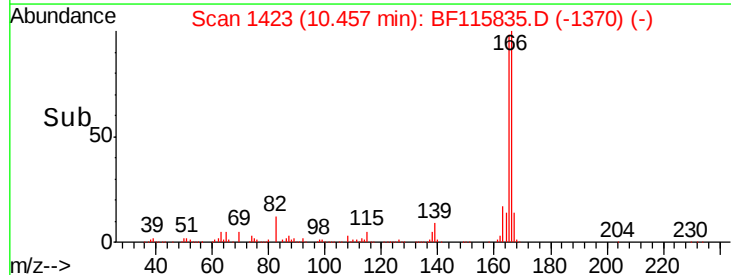
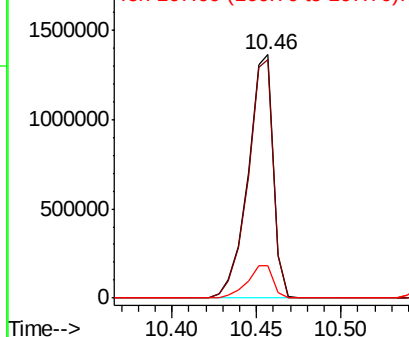


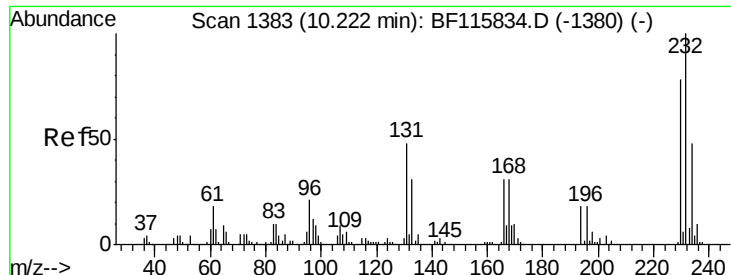
#58
Fluorene
Concen: 45.603 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:166 Resp: 1425051
Ion Ratio Lower Upper
166 100
165 97.7 78.6 118.0
167 13.6 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

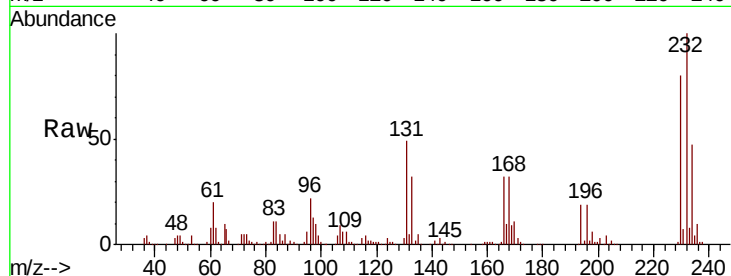




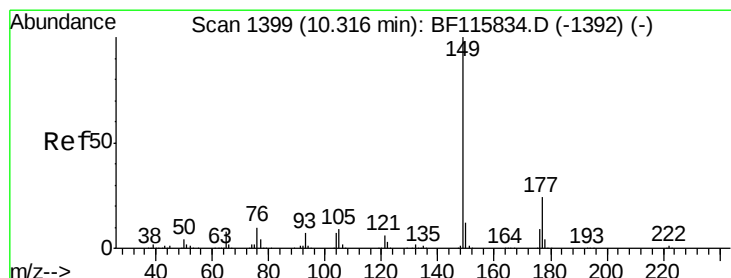
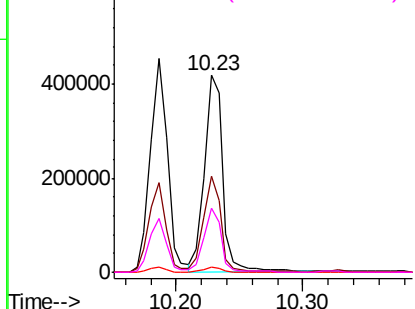
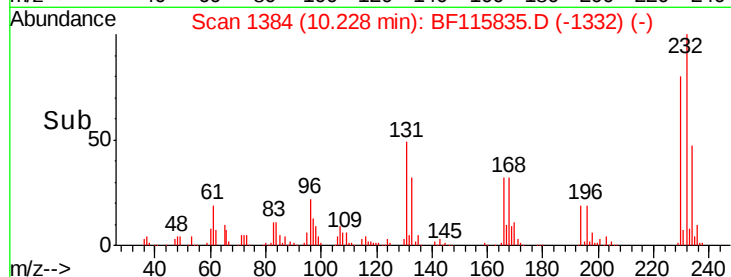
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.330 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 422409
 Ion Ratio Lower Upper
 232 100
 131 46.7 36.9 55.3
 130 2.5 1.8 2.8
 166 30.8 23.8 35.6

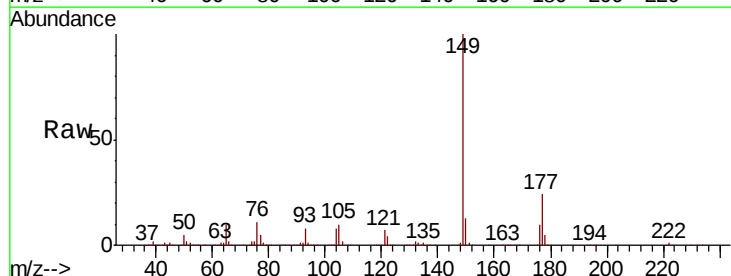


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

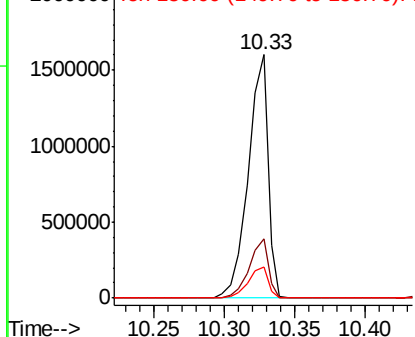
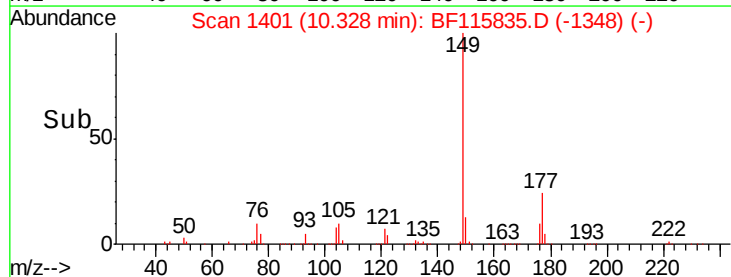


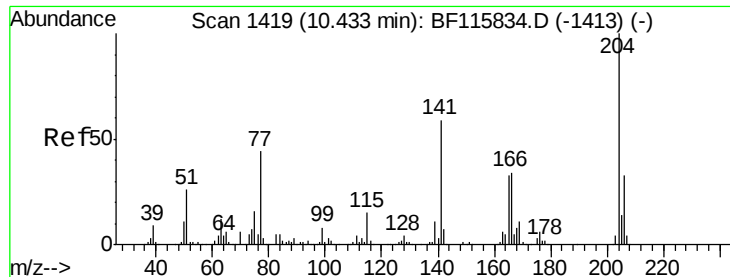
#60
 Diethylphthalate
 Concen: 45.438 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Tgt Ion:149 Resp: 1583208
 Ion Ratio Lower Upper
 149 100
 177 24.1 18.9 28.3
 150 13.0 9.8 14.8



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

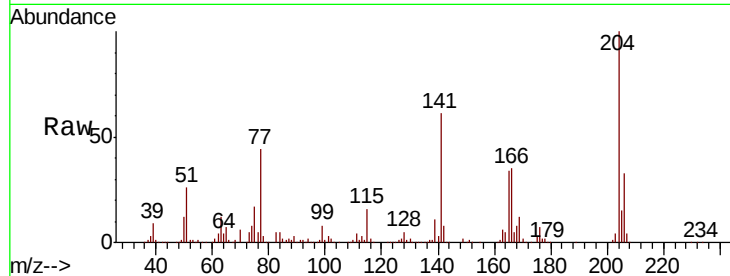




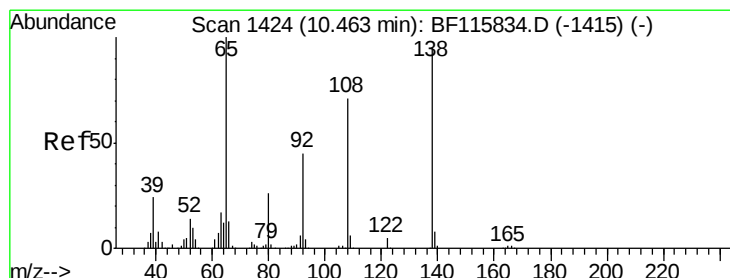
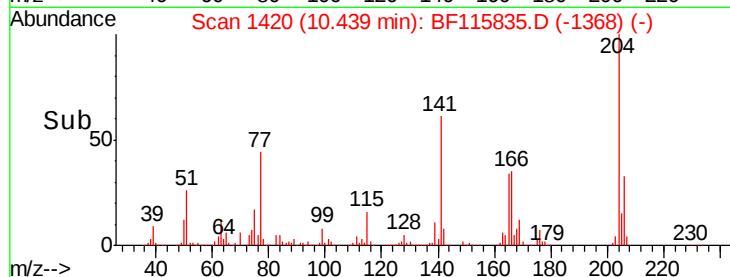
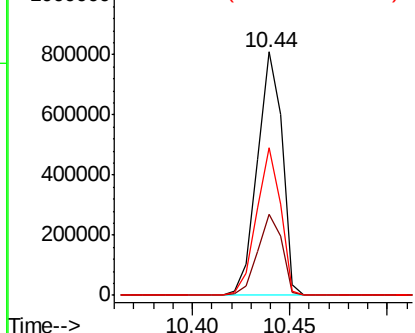
#61
4-Chlorophenyl-phenylether
Concen: 41.153 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 713149
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 60.7 46.8 70.2

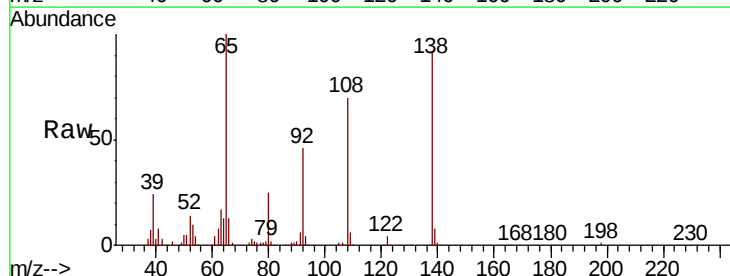


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

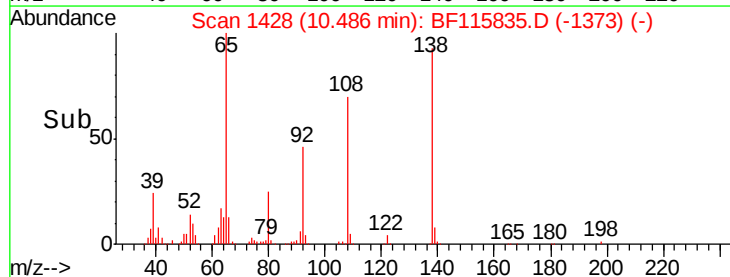
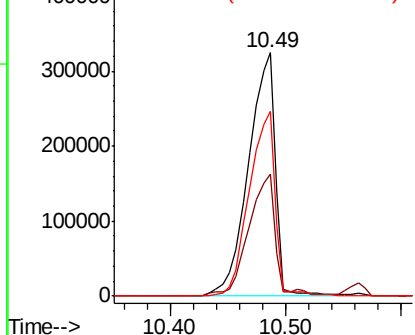


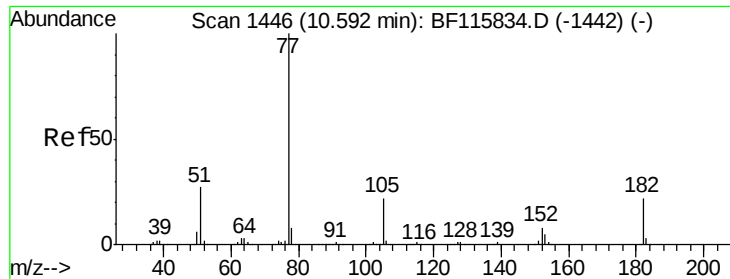
#62
4-Nitroaniline
Concen: 56.948 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:138 Resp: 527550
Ion Ratio Lower Upper
138 100
92 50.2 28.1 68.1
108 75.8 55.5 95.5



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

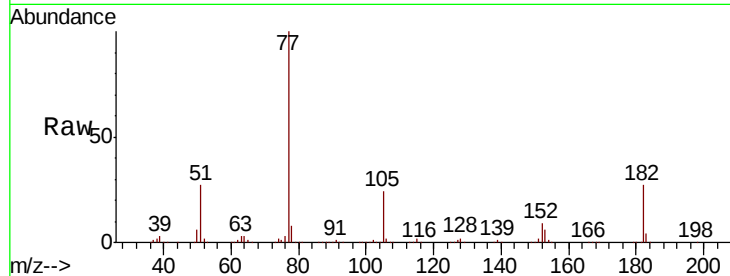




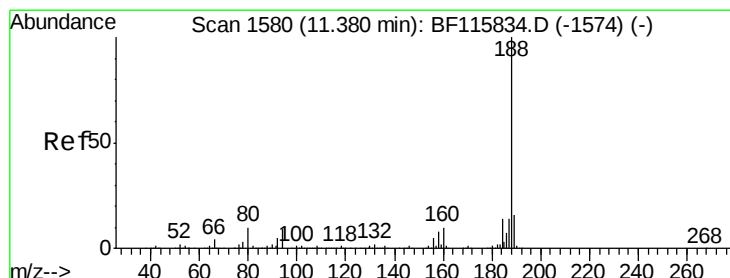
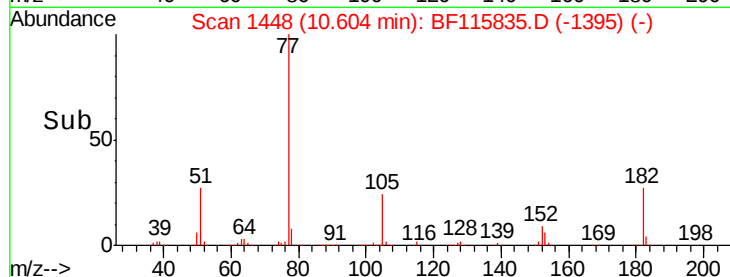
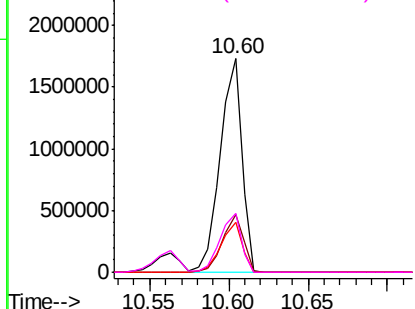
#63
Azobenzene
Concen: 48.801 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1649333
Ion Ratio Lower Upper
77 100
182 26.9 2.2 42.2
105 23.7 1.8 41.8
51 27.3 7.2 47.2

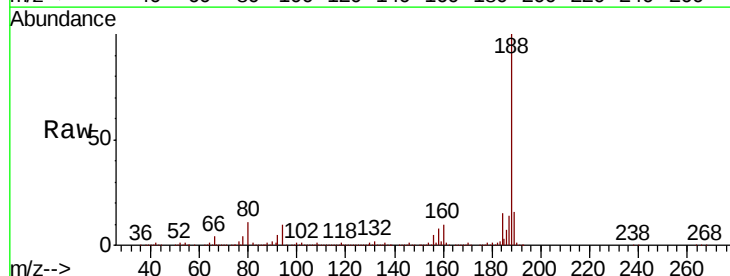


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

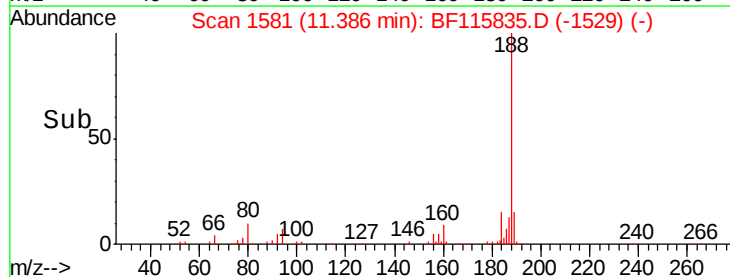
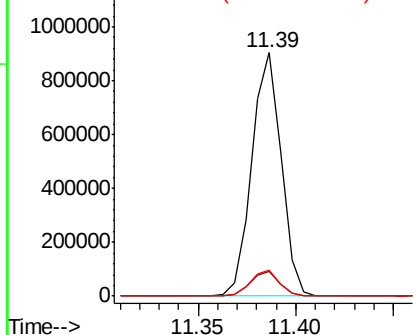


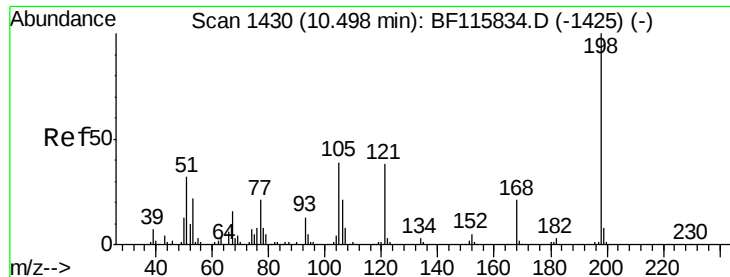
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion: 188 Resp: 941298
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.7 8.1 12.1



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: 52.949 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

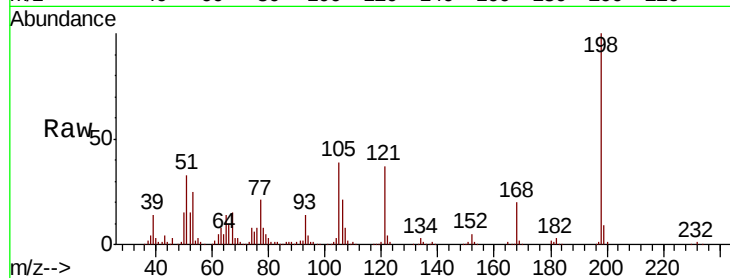
Tot Ion:198 Resp: 304509

Ion	Ratio	Lower	Upper
198	100		
51	33.4	14.3	54.3
105	39.4	19.5	59.5

198 100

51 33.4 14.3 54.3

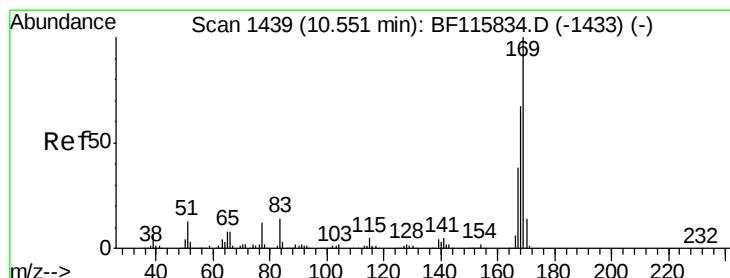
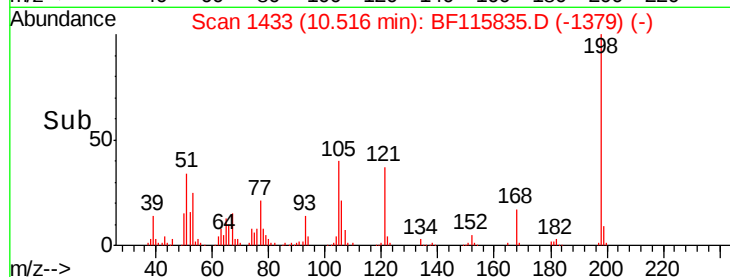
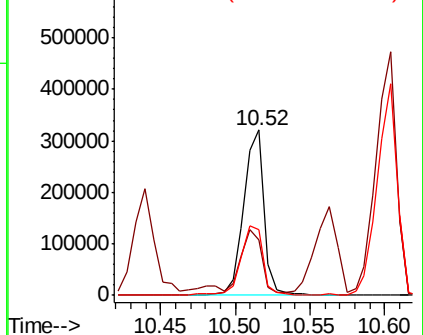
105 39.4 19.5 59.5



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: 46.888 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

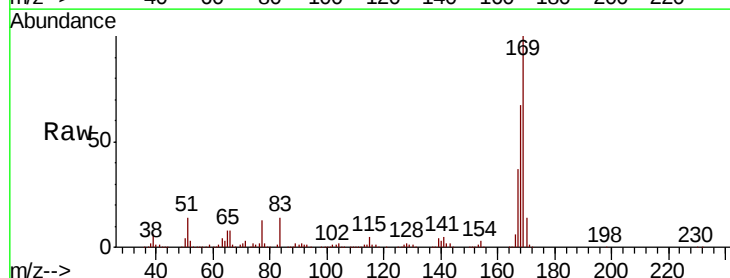
Tgt Ion:169 Resp: 1372907

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.4	80.2
167	37.4	30.2	45.2

169 100

168 67.5 53.4 80.2

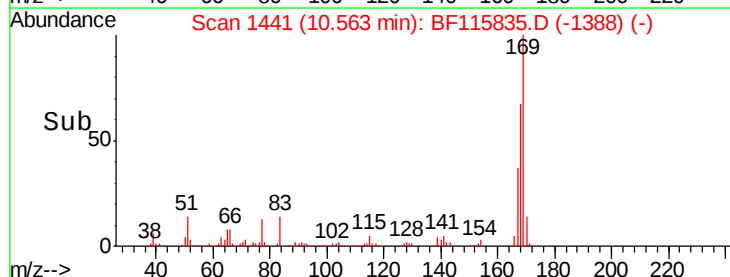
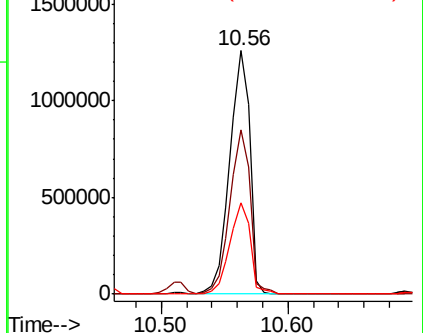
167 37.4 30.2 45.2

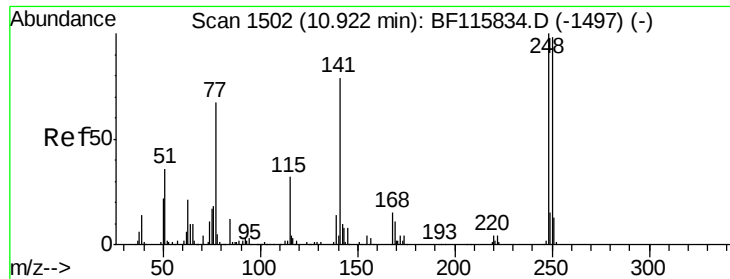


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

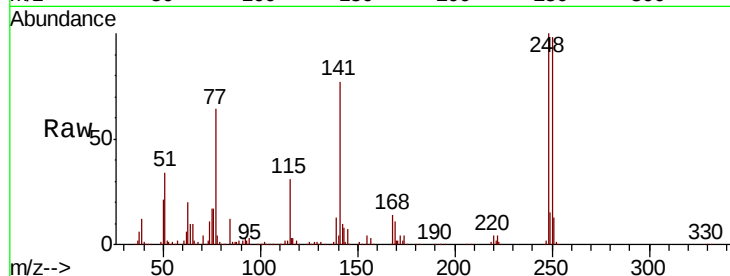




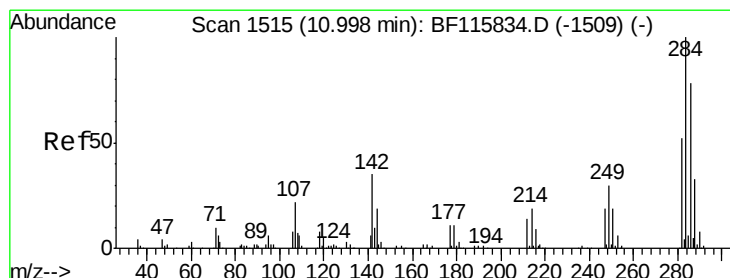
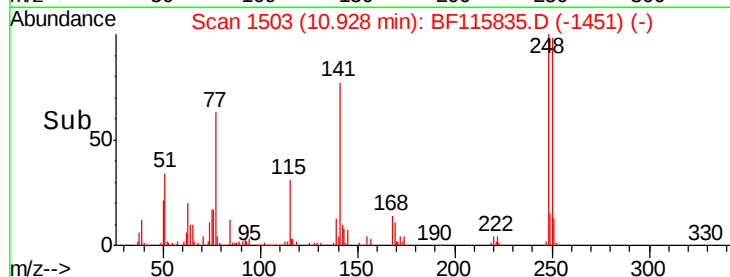
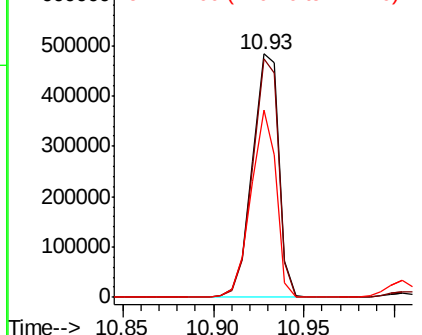
#67
4-Bromophenyl-phenylether
Concen: 45.674 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 491305
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.4
141 77.1 63.0 94.6

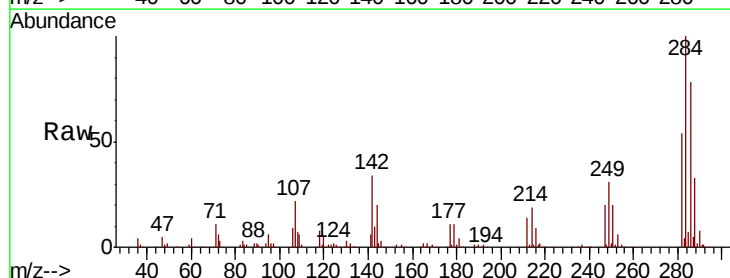


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

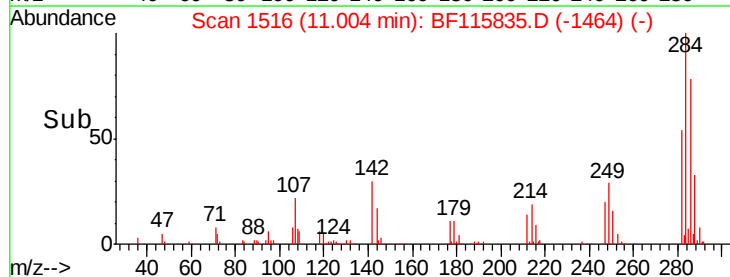
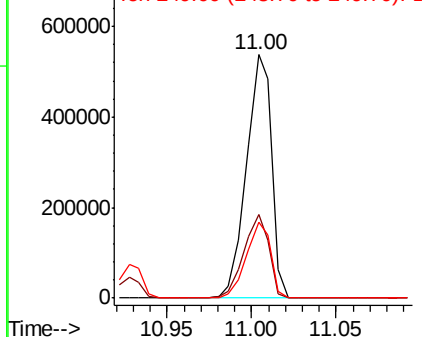


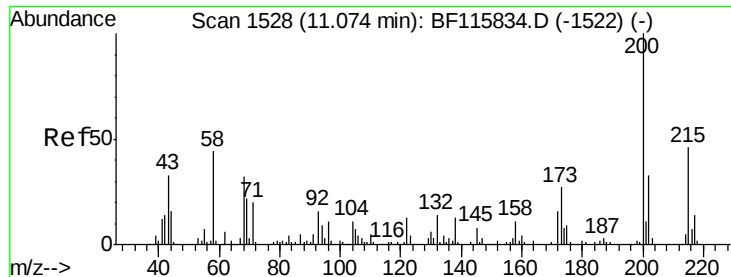
#68
Hexachlorobenzene
Concen: 45.612 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:284 Resp: 560314
Ion Ratio Lower Upper
284 100
142 34.3 27.7 41.5
249 31.0 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

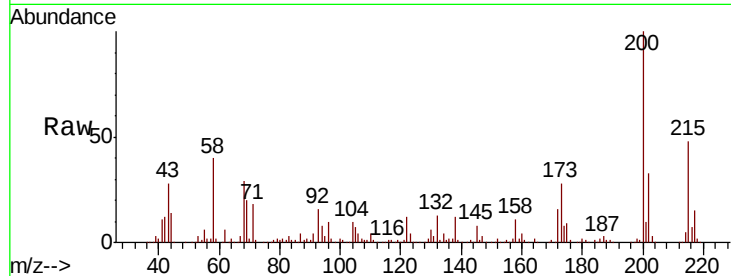




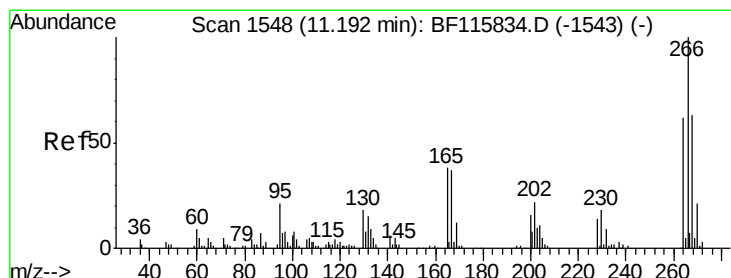
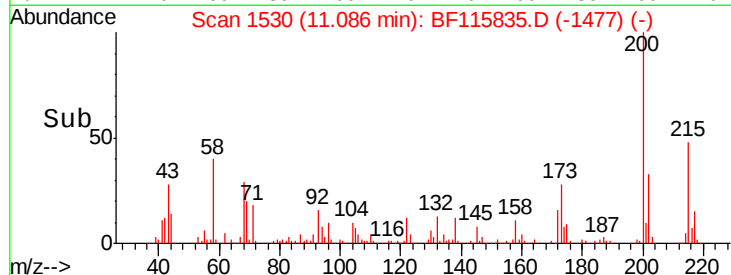
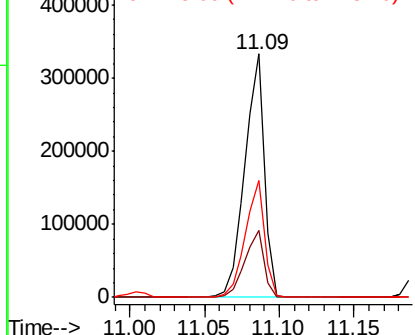
#69
Atrazine
Concen: 31.618 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 303710
Ion Ratio Lower Upper
200 100
173 27.6 7.1 47.1
215 47.8 26.4 66.4

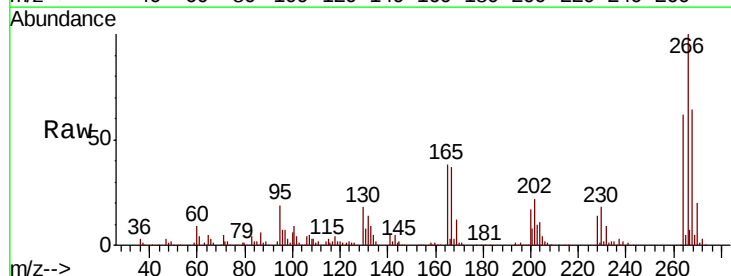


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

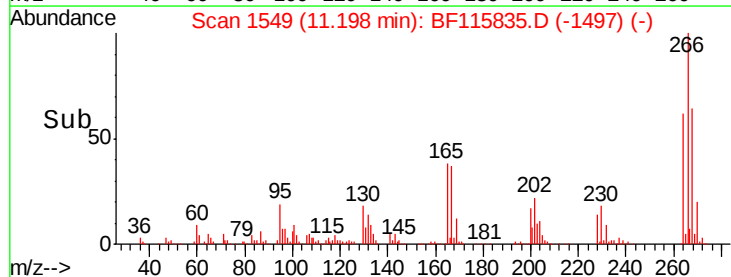
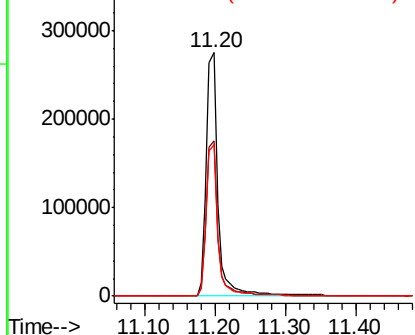


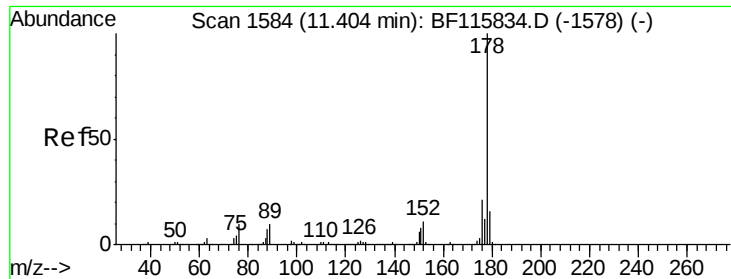
#70
Pentachlorophenol
Concen: 42.450 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:266 Resp: 318941
Ion Ratio Lower Upper
266 100
268 63.9 50.6 76.0
264 62.2 49.8 74.6



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

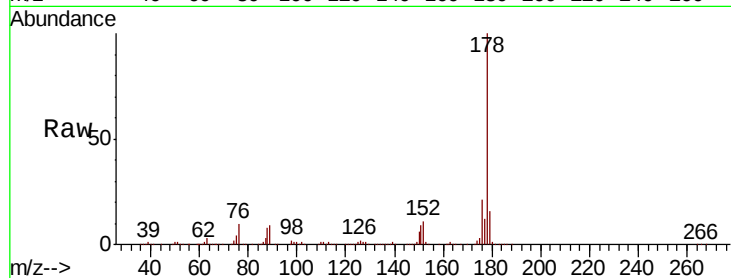




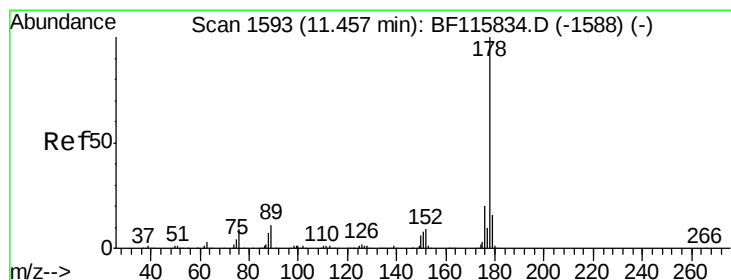
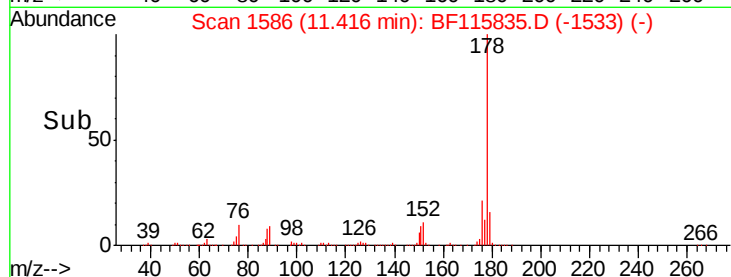
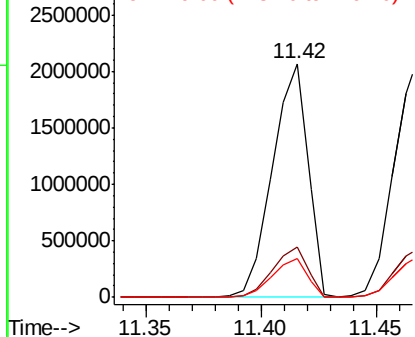
#71
Phenanthrene
Concen: 45.593 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 2199876
Ion Ratio Lower Upper
178 100
176 21.3 16.5 24.7
179 16.4 13.0 19.4

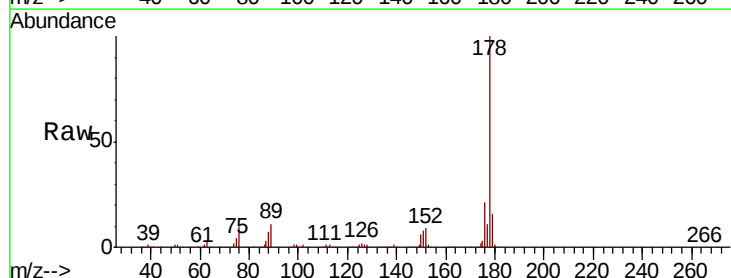


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

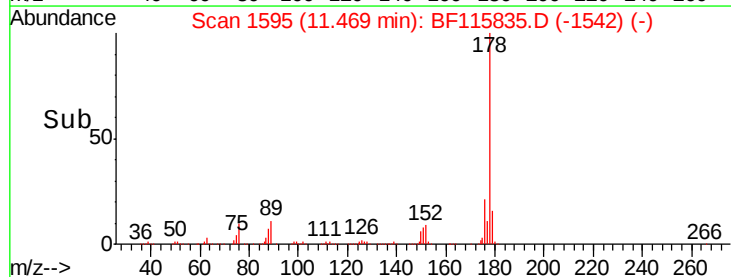
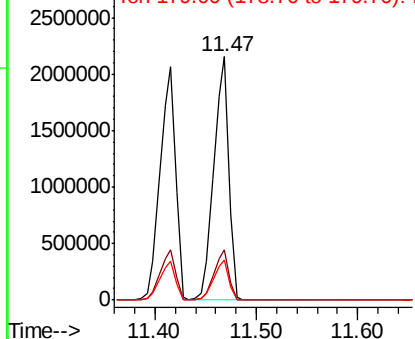


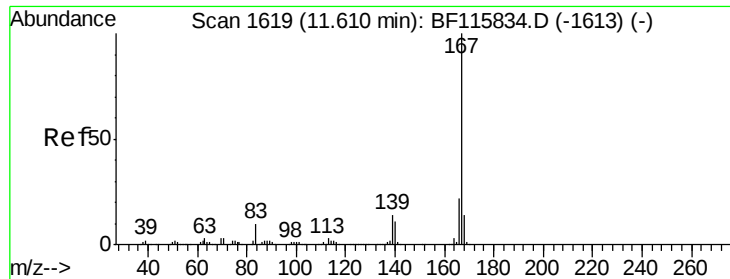
#72
Anthracene
Concen: 44.204 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:178 Resp: 2204237
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 16.5 13.0 19.4



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: 47.939 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

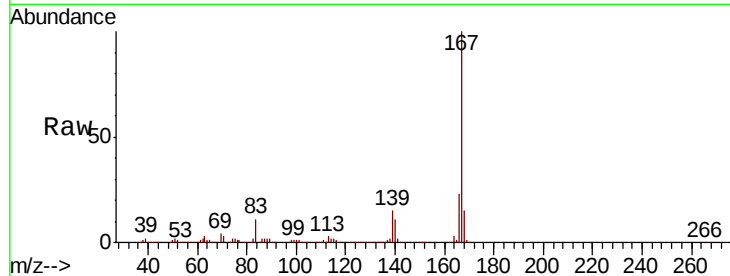
Tot Ion:167 Resp: 2096260

Ion Ratio Lower Upper

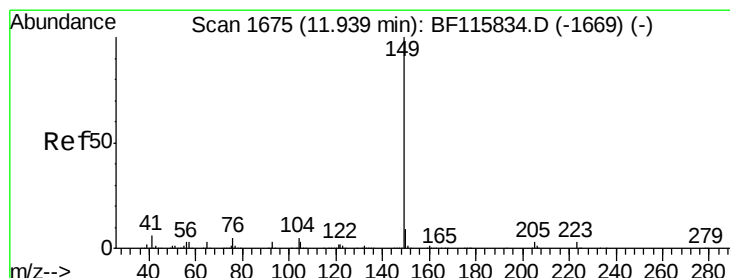
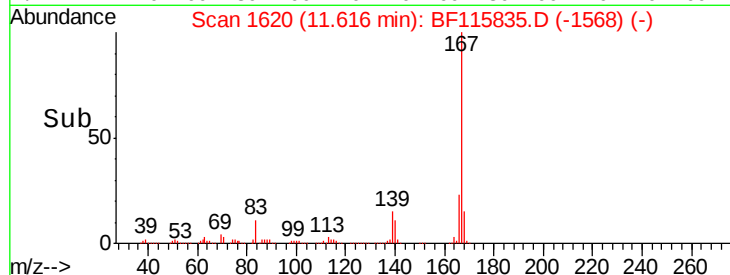
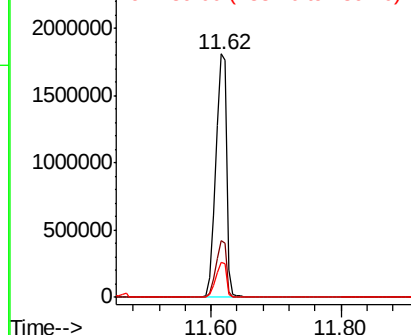
167 100

166 23.1 17.7 26.5

139 14.6 11.0 16.6



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



#74

Di-n-butylphthalate

Concen: 42.715 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

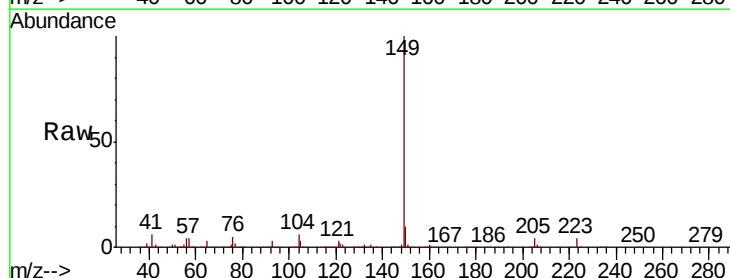
Tgt Ion:149 Resp: 2300749

Ion Ratio Lower Upper

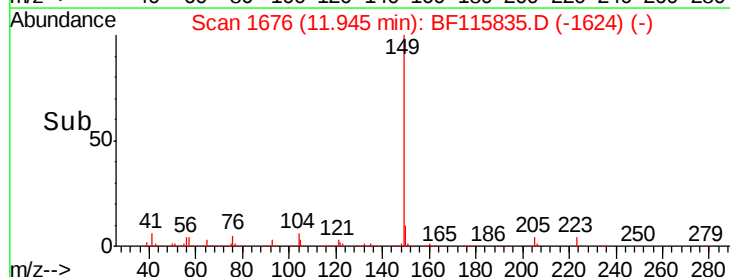
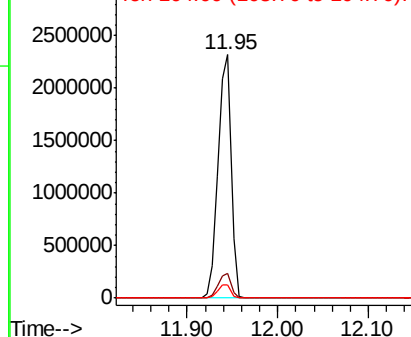
149 100

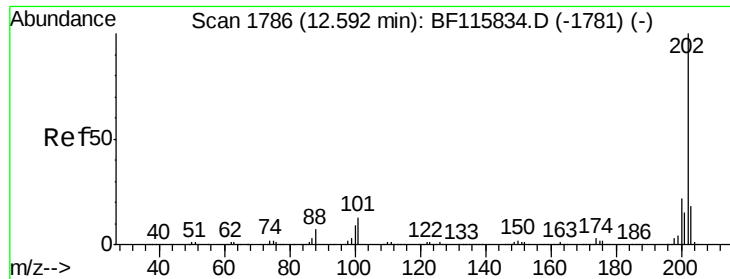
150 10.0 7.5 11.3

104 5.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

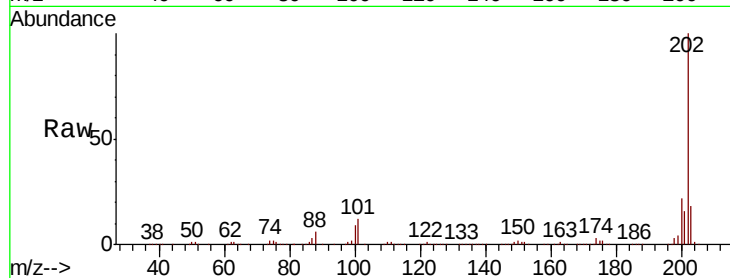




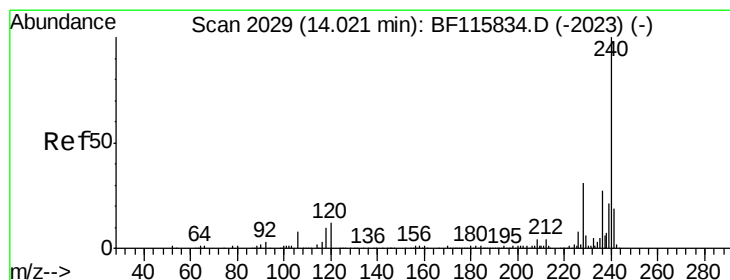
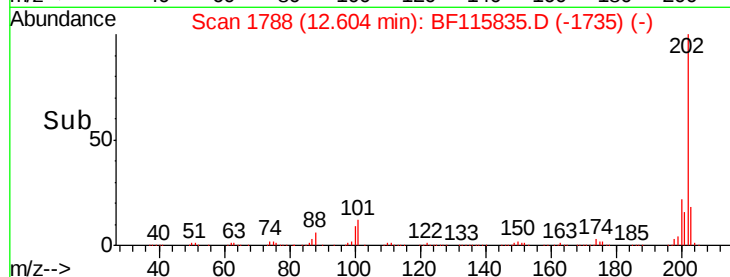
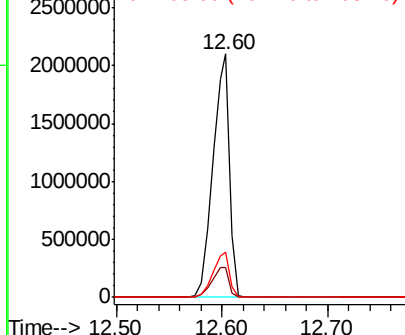
#75
 Fluoranthene
 Concen: 45.541 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 2322040
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 32.8
 203 18.4 0.0 37.9

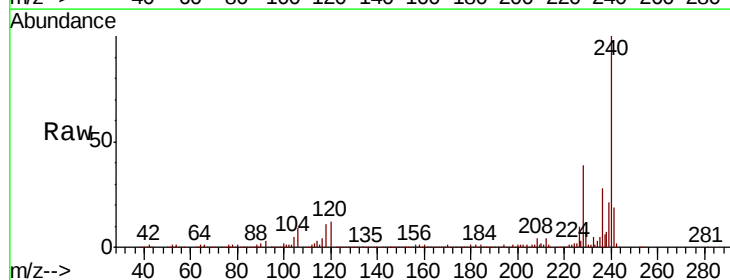


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

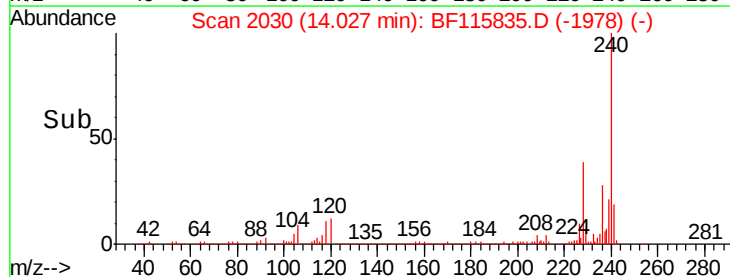
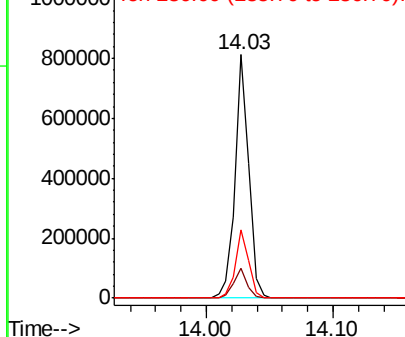


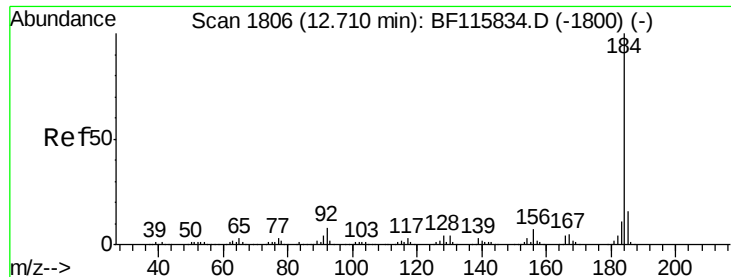
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 11:58

Tgt Ion:240 Resp: 596435
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.3 13.9
 236 28.0 21.6 32.4



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: 39.004 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampled :

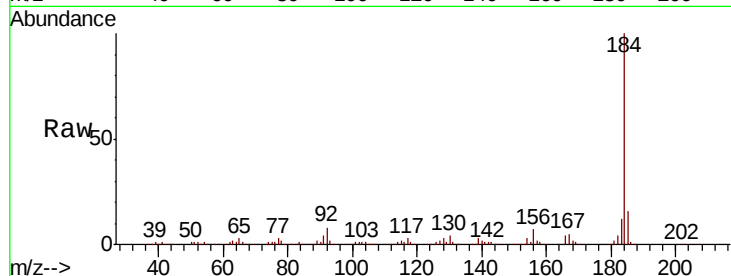
Tot Ion:184 Resp: 824119

Ion Ratio Lower Upper

184 100

185 16.1 12.7 19.1

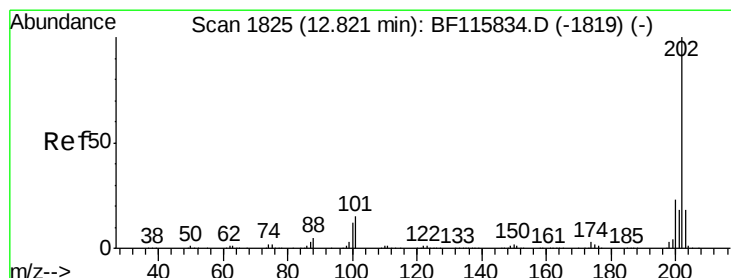
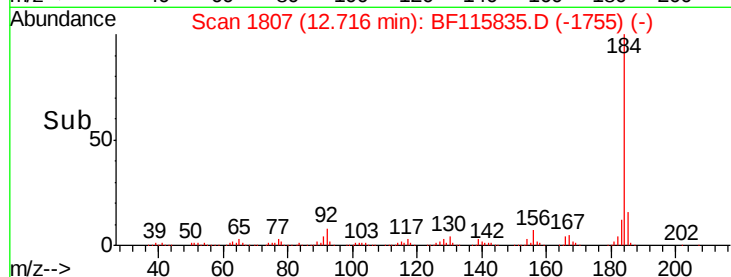
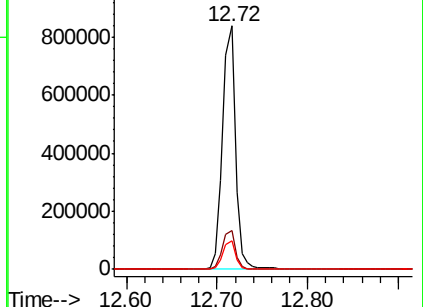
183 11.9 9.0 13.6



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: 46.461 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

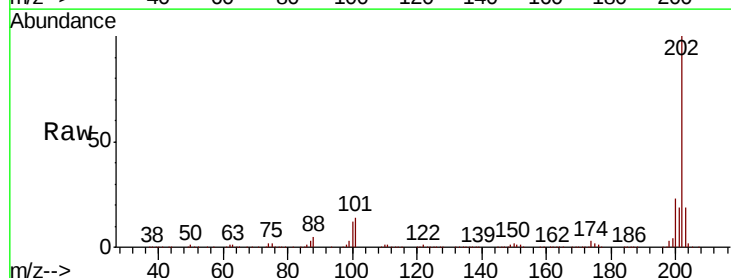
Tgt Ion:202 Resp: 2347797

Ion Ratio Lower Upper

202 100

200 23.4 18.3 27.5

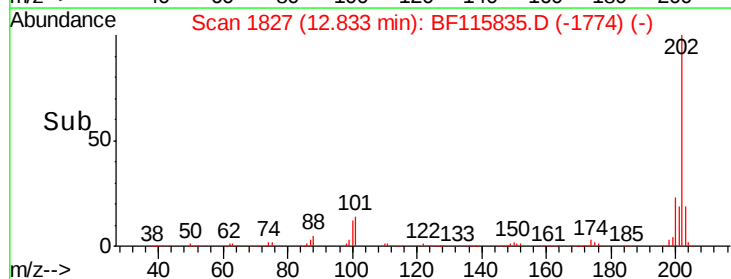
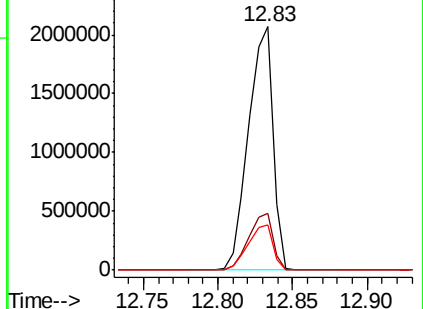
203 18.5 14.6 21.8

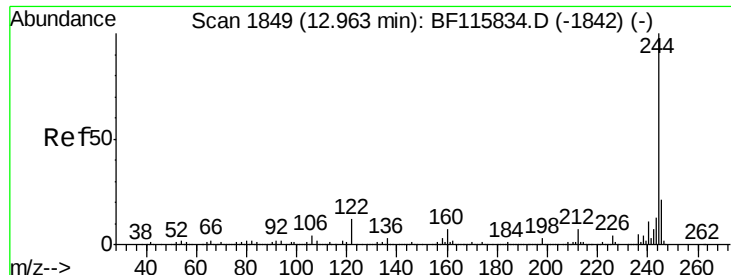


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.893 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

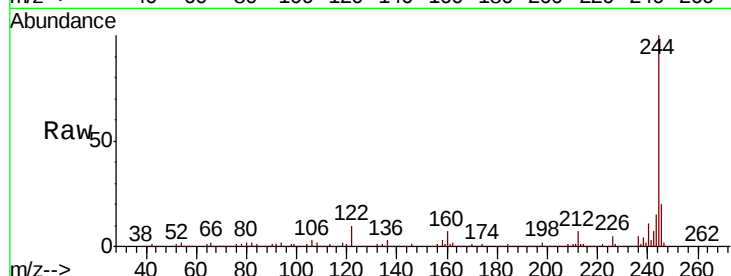
Tot Ion:244 Resp: 2744090

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.0 9.4 14.2

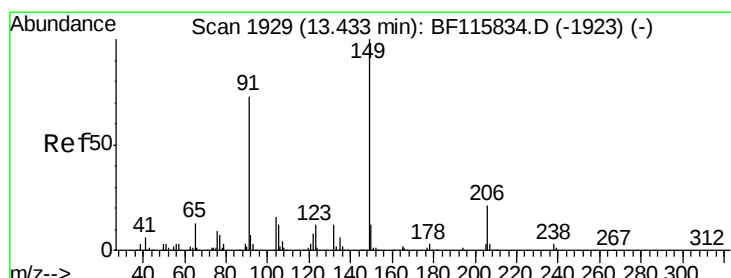
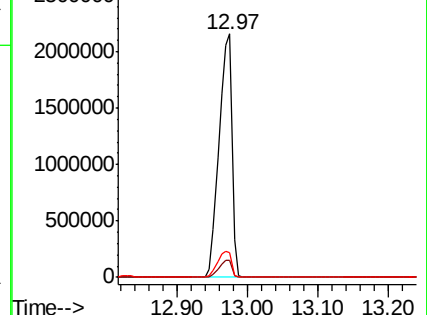
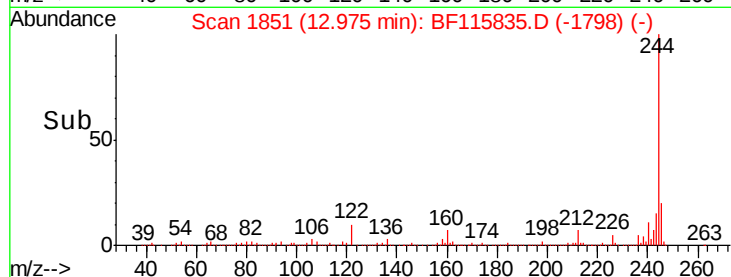


Abundance

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: 47.101 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

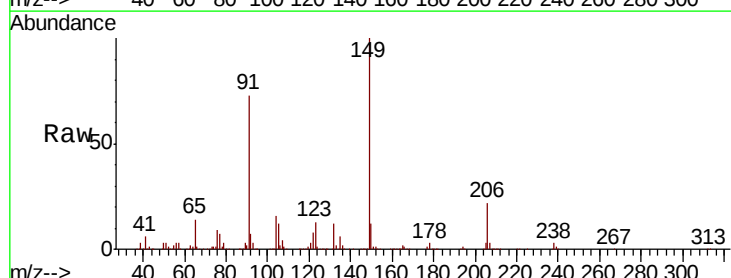
Tgt Ion:149 Resp: 1014631

Ion Ratio Lower Upper

149 100

91 72.6 58.2 87.4

206 22.1 16.9 25.3

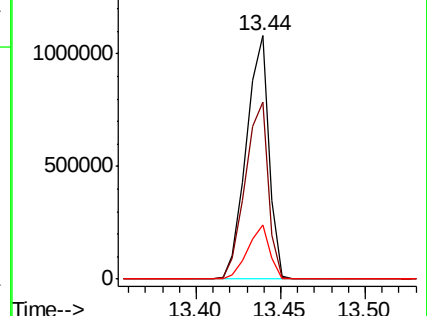
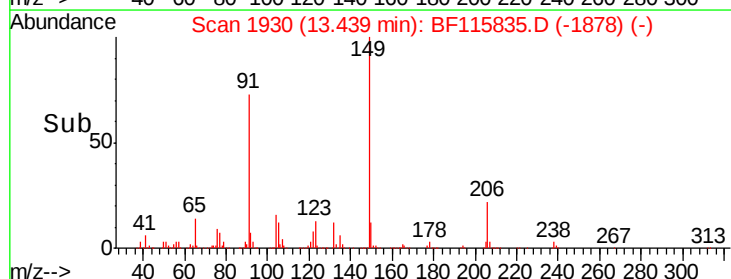


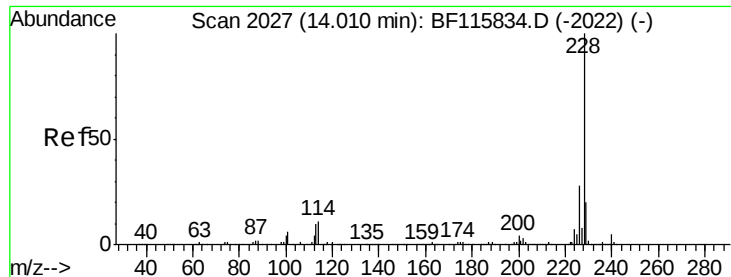
Abundance

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

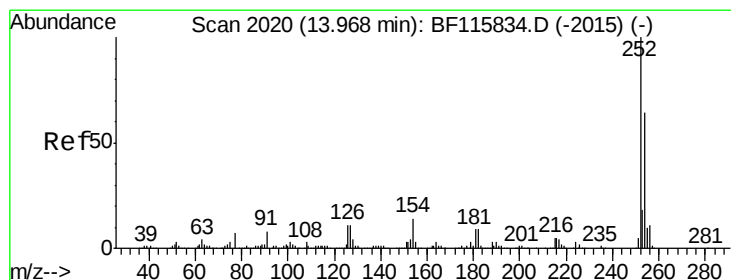
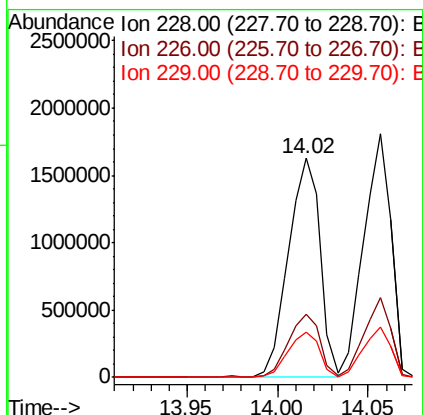
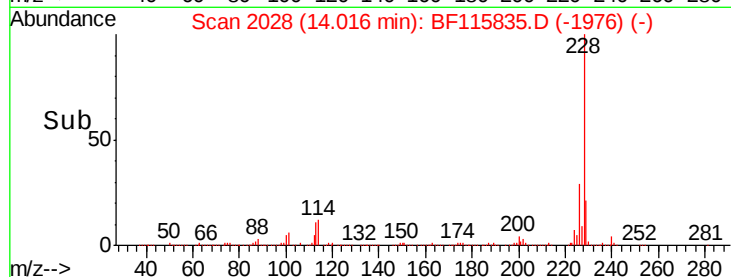
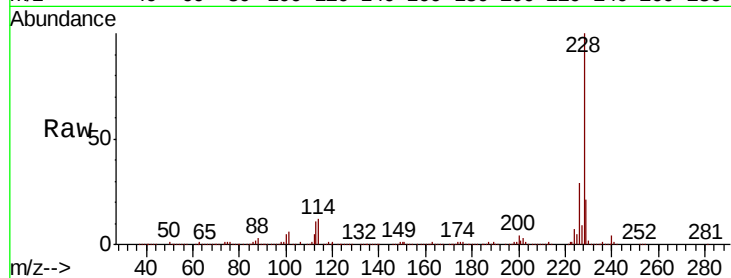




#81
Benzo(a)anthracene
Concen: 50.745 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

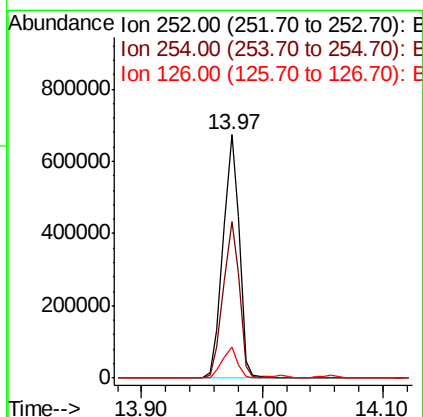
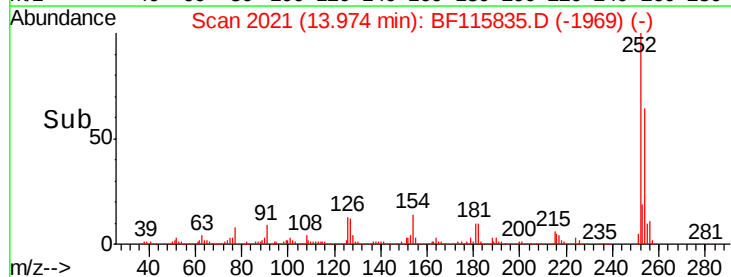
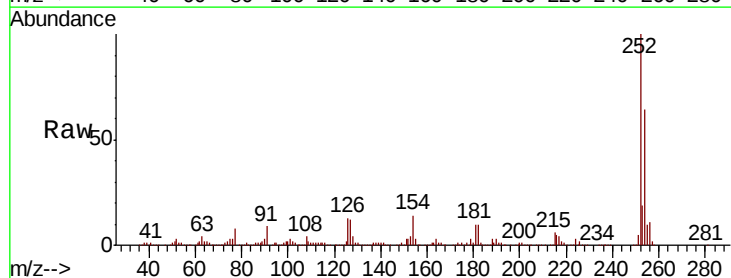
Instrument :
BNA_F
ClientSampled :

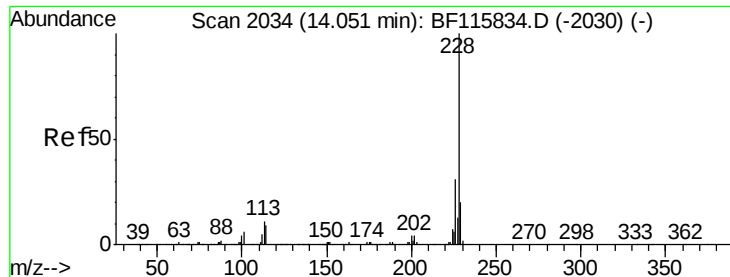
Tot Ion:228 Resp: 1993948
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 20.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 44.857 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:252 Resp: 626590
Ion Ratio Lower Upper
252 100
254 64.3 51.1 76.7
126 12.5 9.1 13.7





#83

Chrysene

Concen: 48.142 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

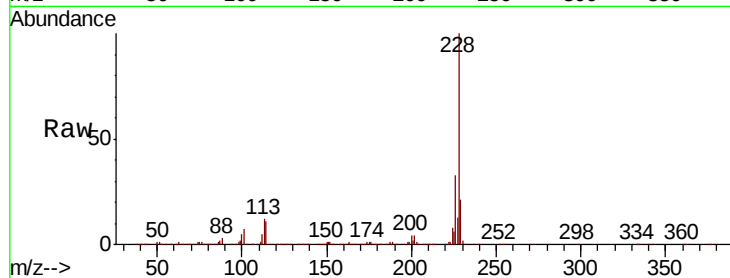
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1898947

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.6	16.0	24.0

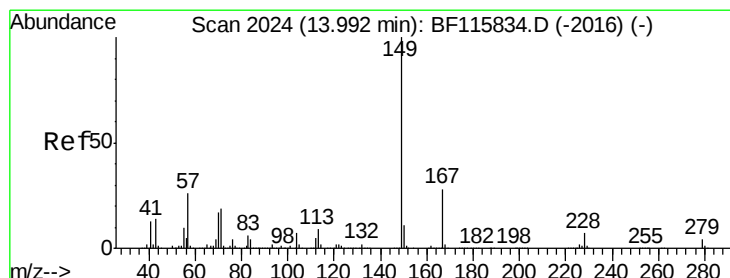
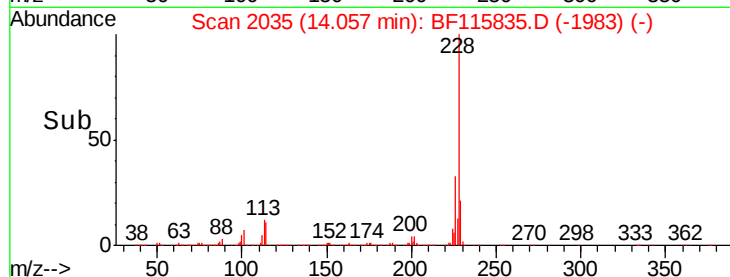
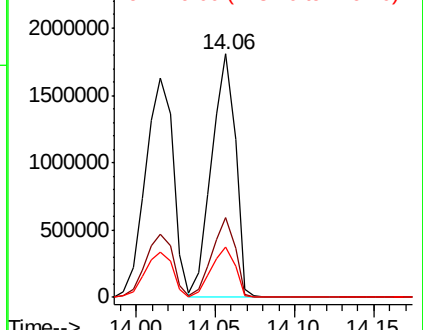


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.410 ng

RT: 14.00 min Scan# 2025

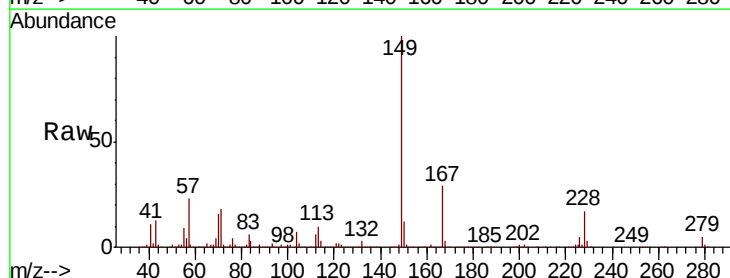
Delta R.T. 0.01 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Tgt Ion:149 Resp: 1265046

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.4
279	4.9	3.1	4.7#

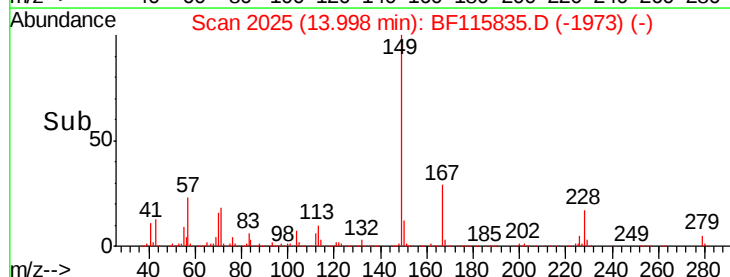
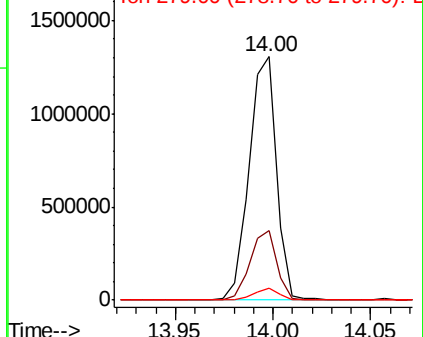


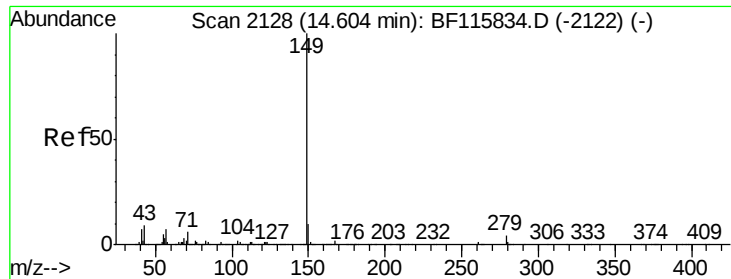
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.858 ng

RT: 14.60 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

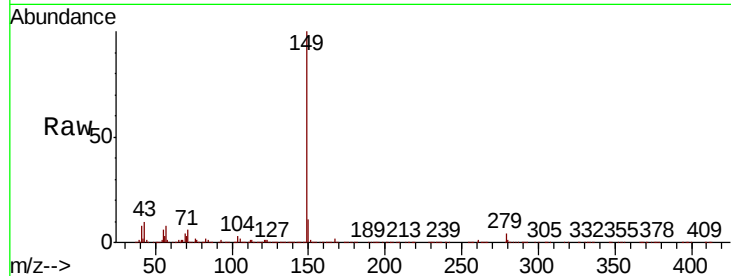
Tot Ion:149 Resp: 1946910

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

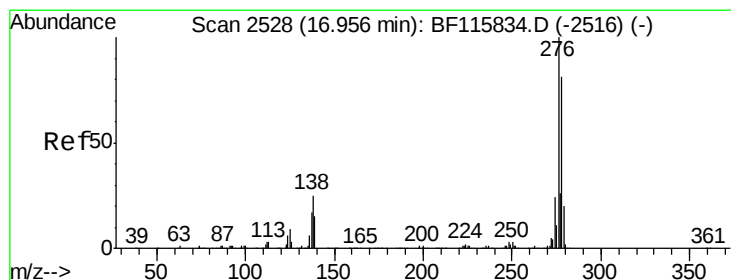
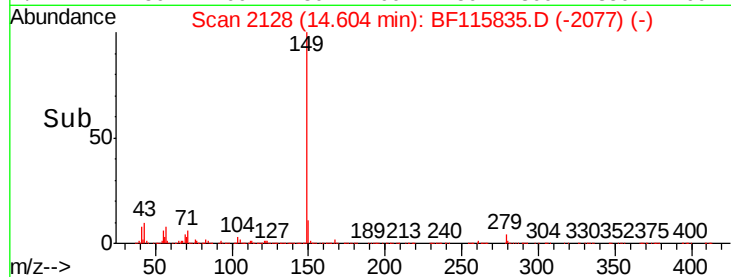
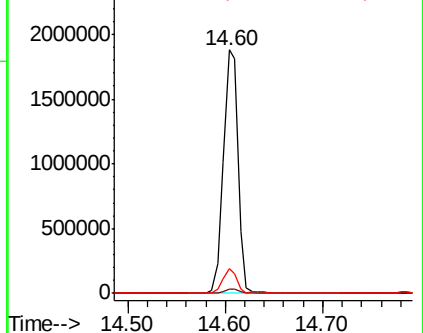
43 9.6 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.525 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

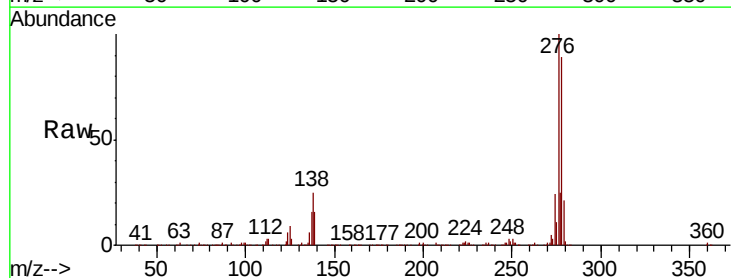
Tgt Ion:276 Resp: 1994791

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

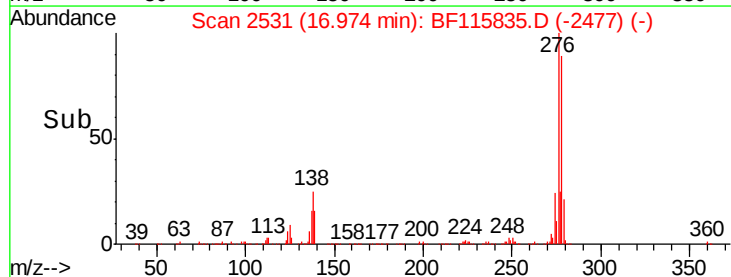
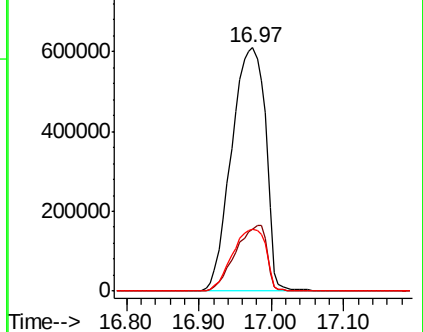
277 25.3 20.3 30.5

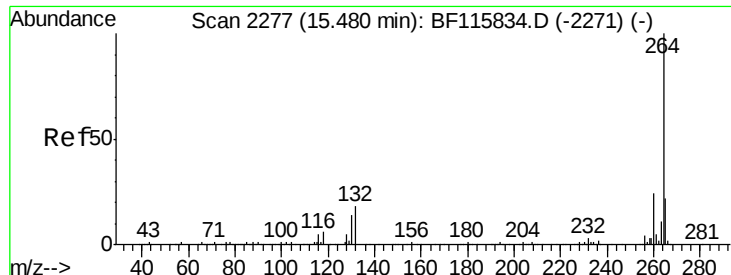


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

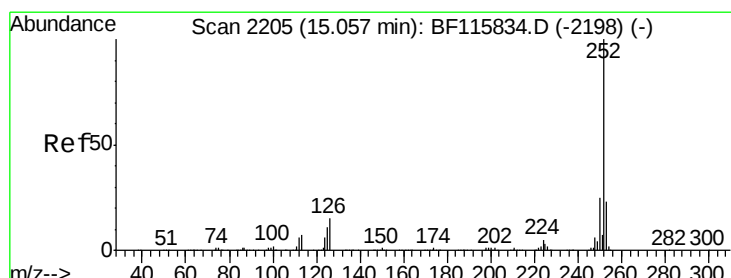
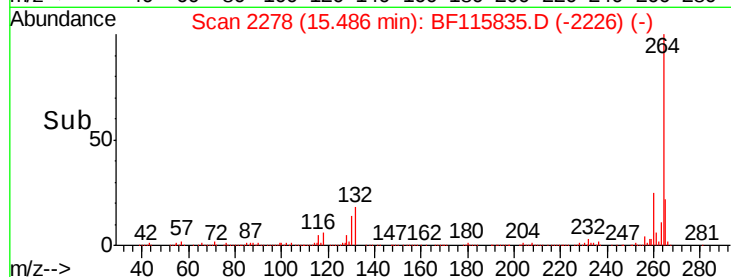
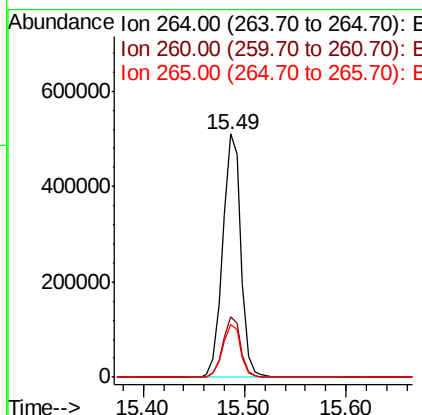
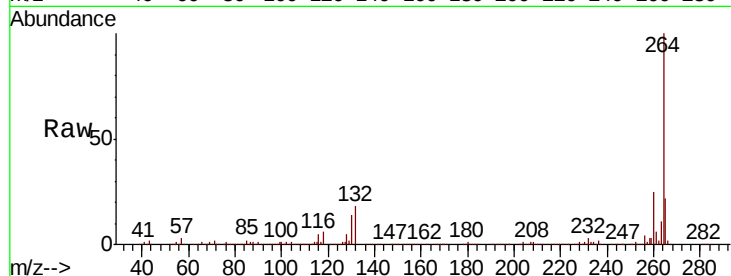




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

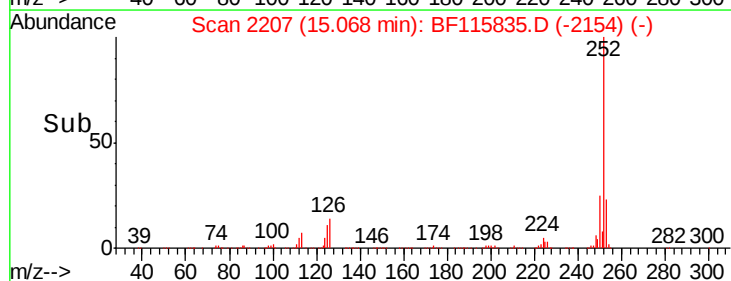
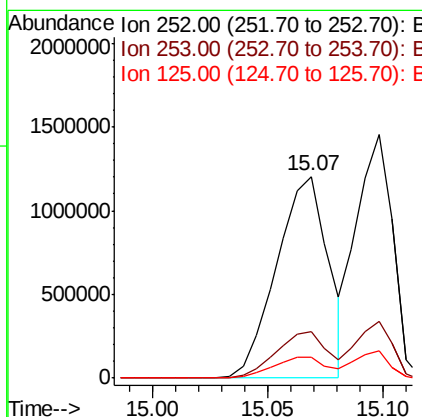
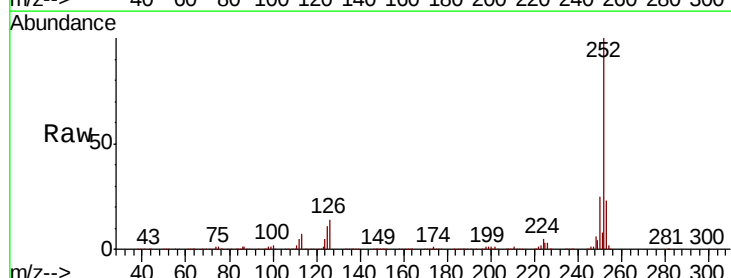
Instrument :
BNA_F
ClientSampleId :

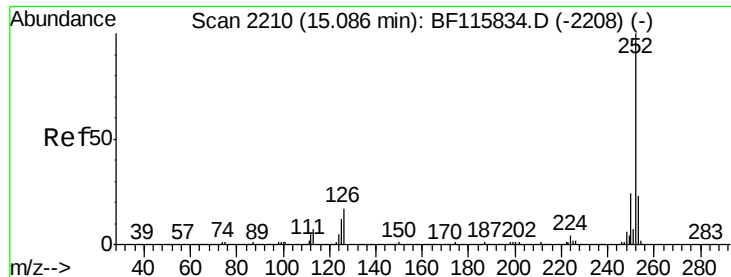
Tot Ion:264 Resp: 630598
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 46.267 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:252 Resp: 1878683
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 10.7 9.2 13.8

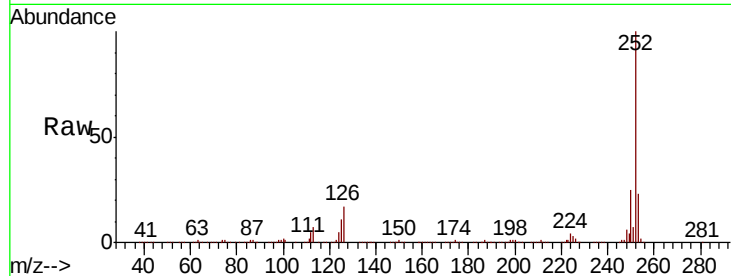




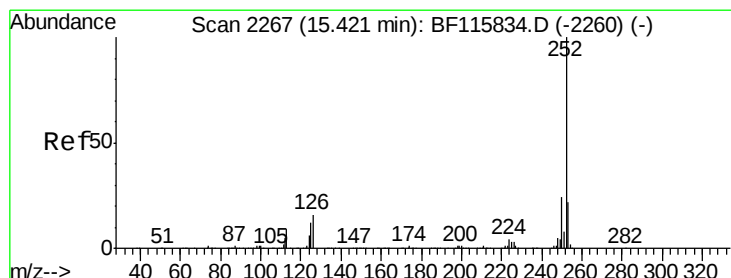
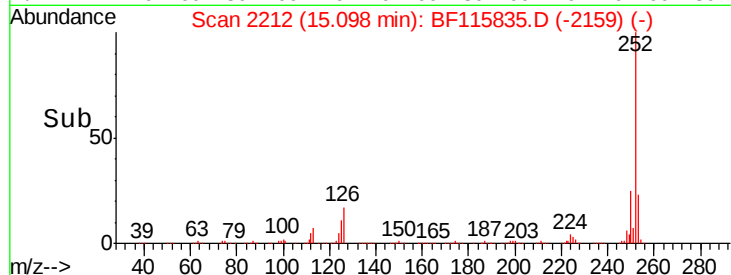
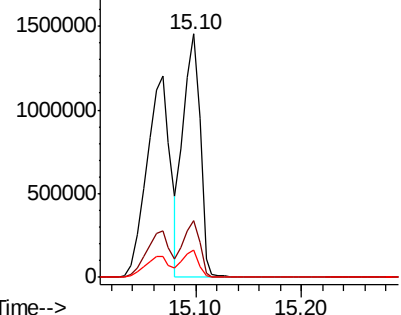
#89
Benzo(k)fluoranthene
Concen: 44.264 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1602427
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 11.5 9.5 14.3

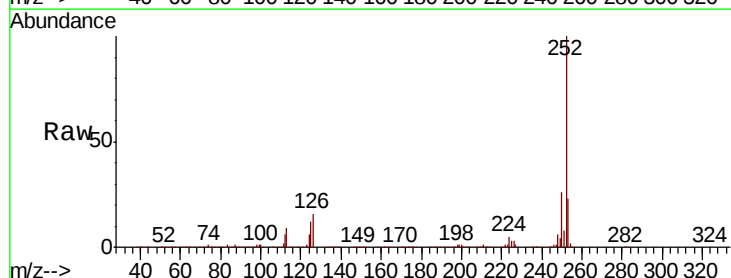


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

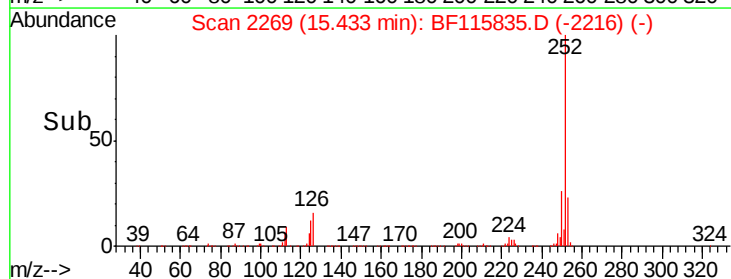
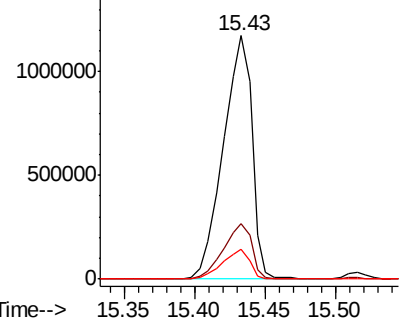


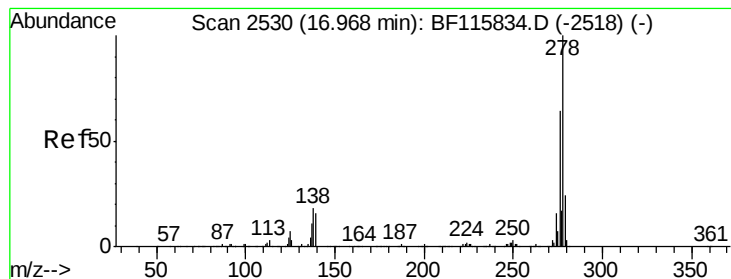
#90
Benzo(a)pyrene
Concen: 47.778 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 11:58

Tgt Ion:252 Resp: 1667462
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.5 9.6 14.4



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





#91

Dibenzo(a,h)anthracene

Concen: 51.241 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

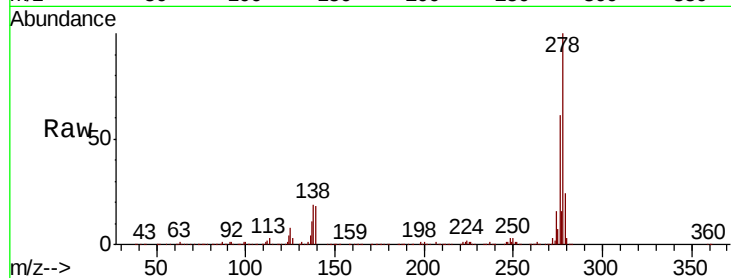
Tot Ion:278 Resp: 1569973

Ion Ratio Lower Upper

278 100

139 17.8 12.9 19.3

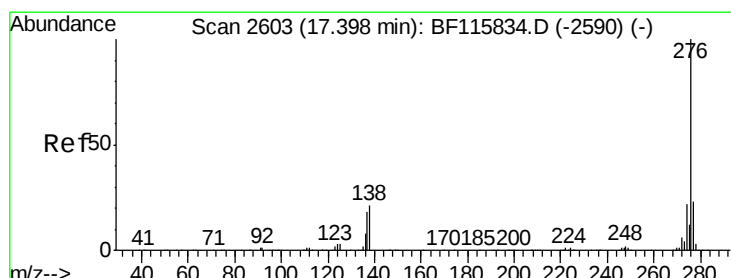
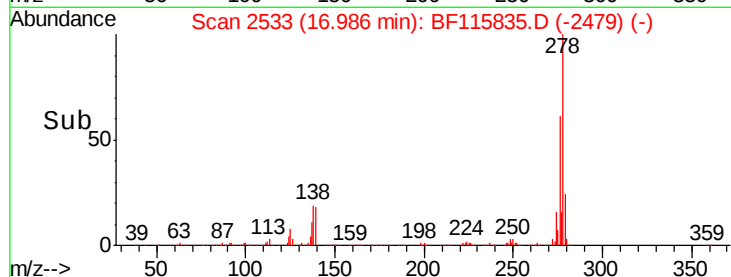
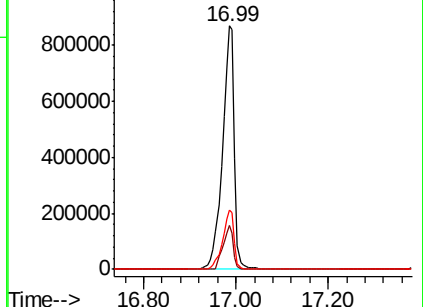
279 24.1 19.1 28.7



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: 54.562 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 11:58

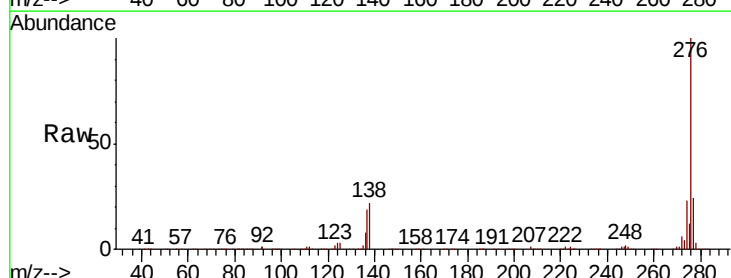
Tgt Ion:276 Resp: 1667225

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 22.0 16.9 25.3



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

