

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115354.D
 Acq On : 2 Jul 2019 10:43
 Operator : HP/JU
 Sample : PB121082BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 12:00:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	222505	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	872705	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	426616	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	843675	20.00	ng	0.01
76) Chrysene-d12	13.73	240	540922	20.00	ng	0.01
87) Perylene-d12	15.10	264	678125	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1675367	116.19	ng	0.02
7) Phenol-d6	6.25	99	2039022	116.51	ng	0.02
23) Nitrobenzene-d5	7.17	82	1287369	90.74	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	612945	136.25	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2395893	95.40	ng	0.00
79) Terphenyl-d14	12.69	244	2600952	102.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	219450	32.249	ng	98
3) Pyridine	2.90	79	613550	31.990	ng	97
4) n-Nitrosodimethylamine	2.84	42	275199	36.601	ng	97
6) Aniline	6.27	93	583308	24.251	ng	# 1
8) 2-Chlorophenol	6.40	128	684854	42.241	ng	96
9) Benzaldehyde	6.14	77	108481	9.501	ng	99
10) Phenol	6.27	94	777753	37.939	ng	89
11) bis(2-Chloroethyl)ether	6.35	93	620764	41.080	ng	99
12) 1,3-Dichlorobenzene	6.54	146	736953	40.957	ng	98
13) 1,4-Dichlorobenzene	6.62	146	744388	41.255	ng	98
14) 1,2-Dichlorobenzene	6.78	146	692490	41.443	ng	98
15) Benzyl Alcohol	6.75	79	404622	31.751	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	870472	39.717	ng	91
17) 2-Methylphenol	6.87	107	607618	45.404	ng	97
18) Hexachloroethane	7.12	117	265436	40.805	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	438150	39.106	ng	98
20) 3+4-Methylphenols	7.02	107	693026	44.848	ng	89
22) Acetophenone	7.02	105	927038	46.400	ng	# 95
24) Nitrobenzene	7.19	77	689197	44.096	ng	97
25) Isophorone	7.43	82	1263636	43.480	ng	100
26) 2-Nitrophenol	7.50	139	396277	51.342	ng	95
27) 2,4-Dimethylphenol	7.55	122	644795	51.023	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	798123	43.450	ng	100
29) 2,4-Dichlorophenol	7.75	162	611875	46.917	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	665366	46.188	ng	98
31) Naphthalene	7.91	128	1940562	45.299	ng	100
32) Benzoic acid	7.70	122	445738	49.413	ng	99
33) 4-Chloroaniline	7.95	127	417732	21.336	ng	100
34) Hexachlorobutadiene	8.03	225	361186	45.753	ng	99
35) Caprolactam	8.34	113	143103	32.637	ng	92
36) 4-Chloro-3-methylphenol	8.45	107	619002	46.867	ng	97
37) 2-Methylnaphthalene	8.60	142	1328959	46.010	ng	98
38) 1-Methylnaphthalene	8.70	142	1263218	45.791	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	581652	48.248	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115354.D
 Acq On : 2 Jul 2019 10:43
 Operator : HP/JU
 Sample : PB121082BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 12:00:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	616386	86.227	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	433636	46.591	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	477738	49.844	ng	98
46) 1,1'-Biphenyl	9.06	154	1547875	45.345	ng	99
47) 2-Chloronaphthalene	9.08	162	1258765	45.461	ng	98
48) 2-Nitroaniline	9.18	65	374653	46.411	ng	96
49) Acenaphthylene	9.50	152	1945987	45.108	ng	99
50) Dimethylphthalate	9.37	163	1483529	47.266	ng	99
51) 2,6-Dinitrotoluene	9.42	165	346781	47.856	ng	98
52) Acenaphthene	9.67	154	1124923	41.671	ng	99
53) 3-Nitroaniline	9.58	138	234504	26.519	ng	98
54) 2,4-Dinitrophenol	9.70	184	397337	104.123	ng	95
55) Dibenzofuran	9.84	168	1680462	43.372	ng	99
56) 4-Nitrophenol	9.77	139	603049	85.064	ng	95
57) 2,4-Dinitrotoluene	9.82	165	453777	48.499	ng	# 89
58) Fluorene	10.18	166	1194303	46.520	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	424536	52.823	ng	95
60) Diethylphthalate	10.07	149	1440462	45.656	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	584096	48.118	ng	100
62) 4-Nitroaniline	10.20	138	393731	44.383	ng	99
63) Azobenzene	10.34	77	1295796	43.971	ng	100
65) 4,6-Dinitro-2-methylphenol	10.24	198	233103	51.521	ng	88
66) n-Nitrosodiphenylamine	10.30	169	1201791	45.722	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	423181	46.264	ng	99
68) Hexachlorobenzene	10.73	284	458471	46.176	ng	97
69) Atrazine	10.83	200	403888	47.768	ng	99
70) Pentachlorophenol	10.92	266	563491	89.085	ng	98
71) Phenanthrene	11.14	178	1968187	43.329	ng	100
72) Anthracene	11.18	178	2020233	44.059	ng	99
73) Carbazole	11.34	167	1865694	45.566	ng	99
74) Di-n-butylphthalate	11.68	149	2162399	45.703	ng	99
75) Fluoranthene	12.31	202	2053750	45.314	ng	98
77) Benzidine	12.43	184	586939	24.436	ng	100
78) Pyrene	12.54	202	2099595	50.507	ng	99
80) Butylbenzylphthalate	13.17	149	988203	53.867	ng	98
81) Benzo(a)anthracene	13.72	228	1879900	48.435	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	561300	40.047	ng	99
83) Chrysene	13.76	228	1858024	52.260	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1218884	50.706	ng	# 99
85) Di-n-octyl phthalate	14.35	149	2204351	54.579	ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2246986	53.410	ng	99
88) Benzo(b)fluoranthene	14.73	252	2092662	49.457	ng	99
89) Benzo(k)fluoranthene	14.76	252	1800001	47.436	ng	98
90) Benzo(a)pyrene	15.05	252	1931653	50.650	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1823472	51.216	ng	98
92) Benzo(g,h,i)perylene	16.77	276	1904448	52.850	ng	99

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

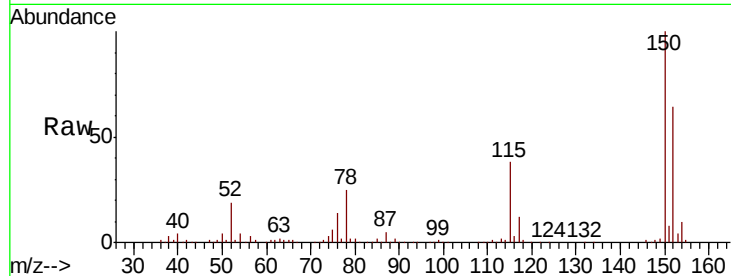


#1

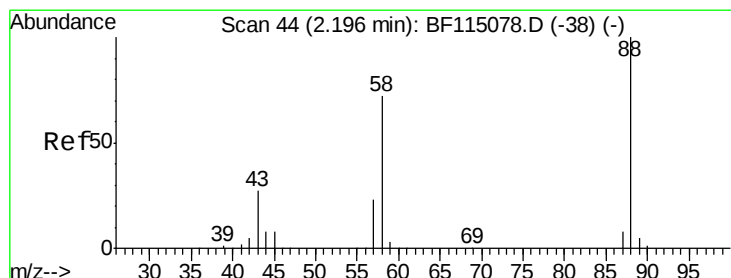
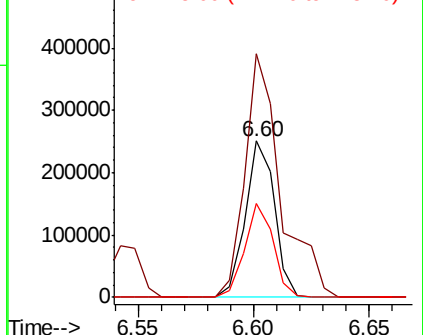
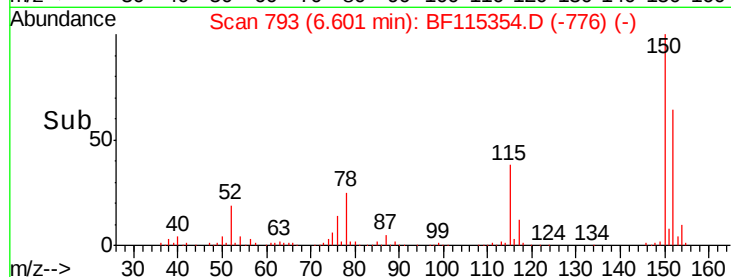
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 222505
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 59.9 46.1 69.1



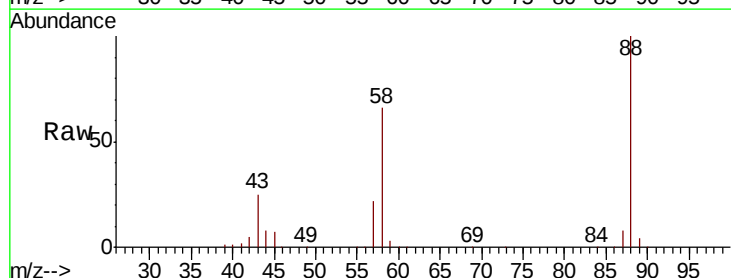
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



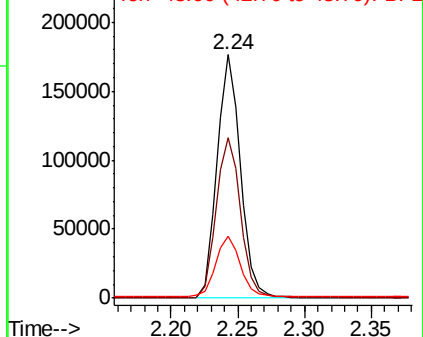
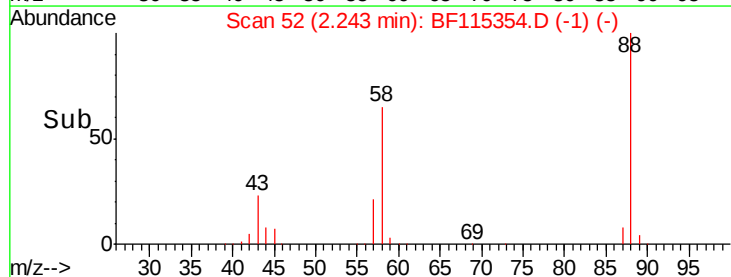
#2

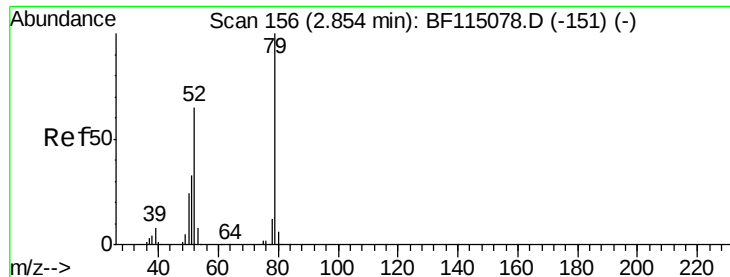
1,4-Dioxane
Concen: 32.249 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.09 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion: 88 Resp: 219450
Ion Ratio Lower Upper
88 100
58 68.9 56.1 84.1
43 25.7 21.3 31.9



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

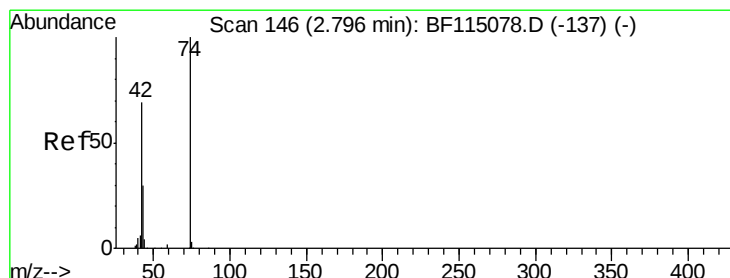
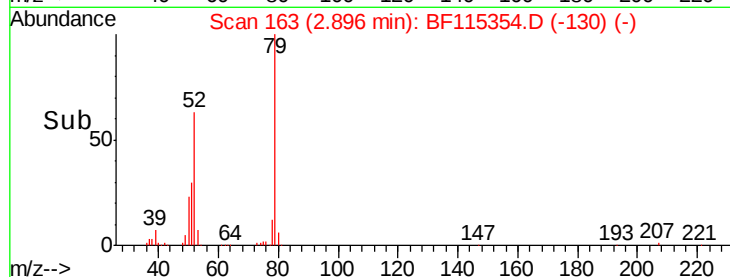
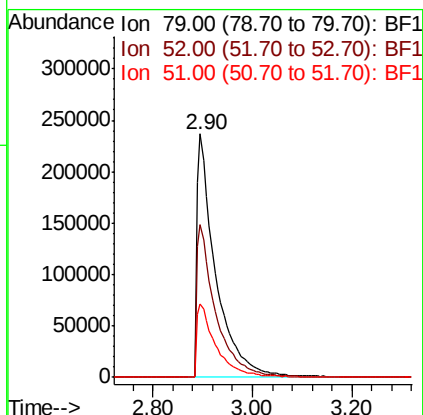
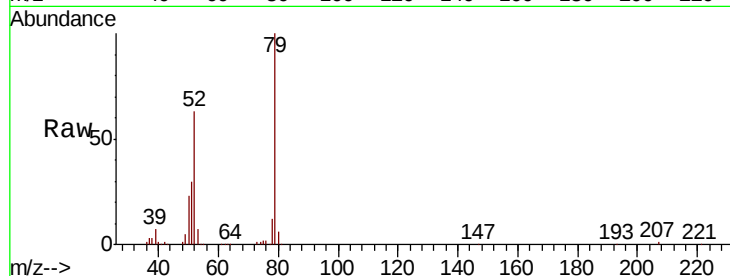




#3
 Pvridine
 Concen: 31.990 ng
 RT: 2.90 min Scan# 163
 Delta R.T. 0.09 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

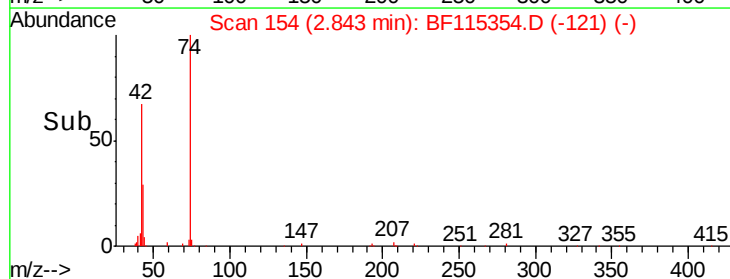
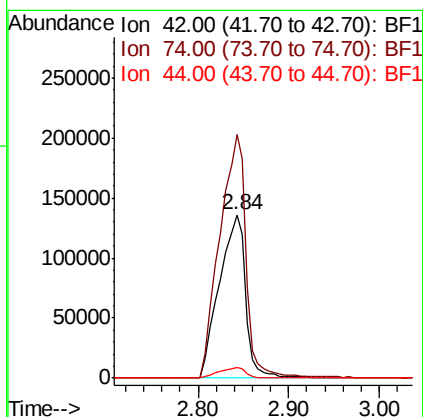
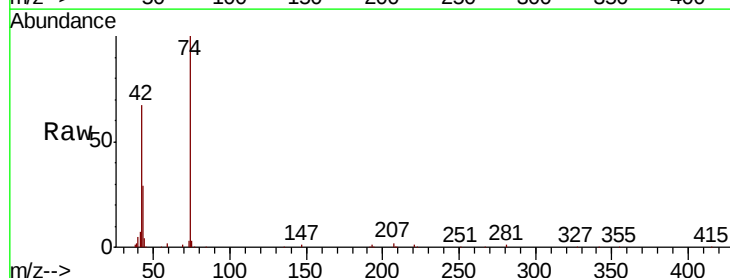
Instrument :
 BNA_F
 ClientSampleId :

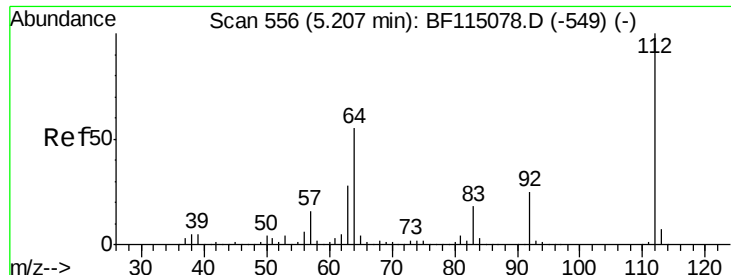
Tot Ion: 79 Resp: 613550
 Ion Ratio Lower Upper
 79 100
 52 62.9 52.3 78.5
 51 30.3 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 36.601 ng
 RT: 2.84 min Scan# 154
 Delta R.T. 0.09 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion: 42 Resp: 275199
 Ion Ratio Lower Upper
 42 100
 74 149.0 116.6 175.0
 44 6.4 5.3 7.9





#5

2-Fluorophenol

Concen: 116.194 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

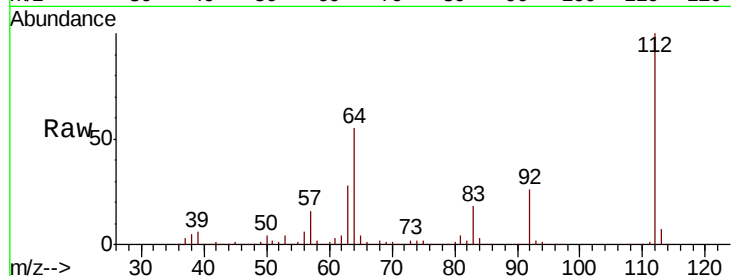
Tot Ion:112 Resp: 1675367

Ion Ratio Lower Upper

112 100

64 54.7 43.8 65.6

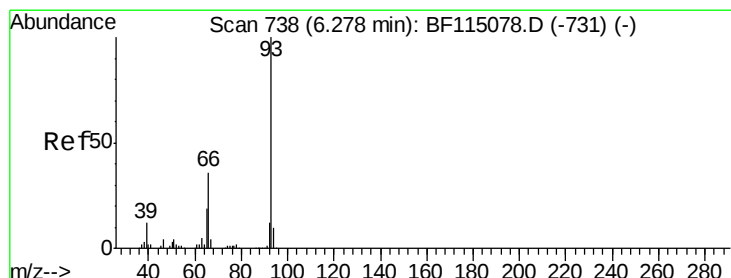
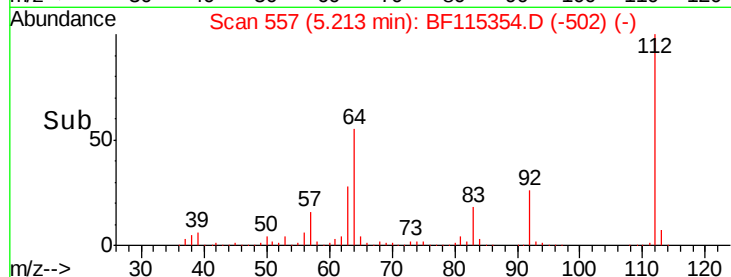
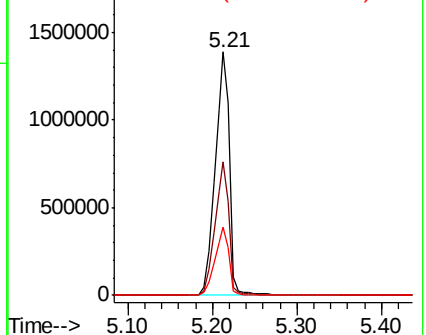
63 28.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.251 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

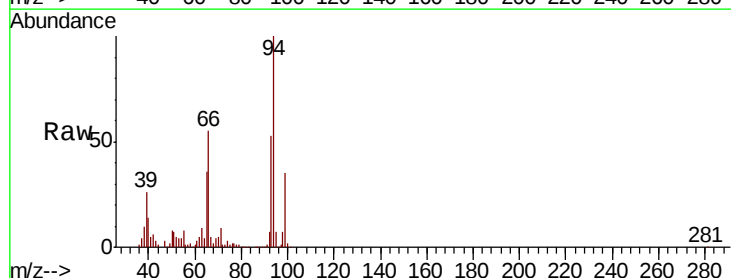
Tgt Ion: 93 Resp: 583308

Ion Ratio Lower Upper

93 100

66 103.4 30.0 45.0#

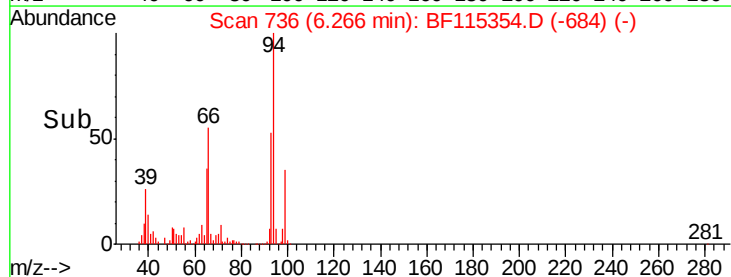
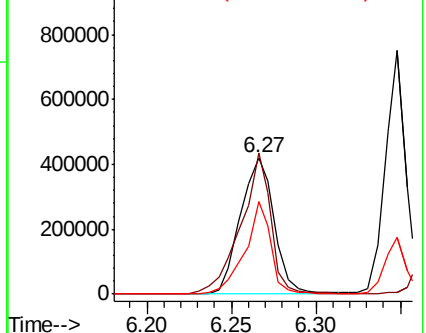
65 68.0 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.510 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

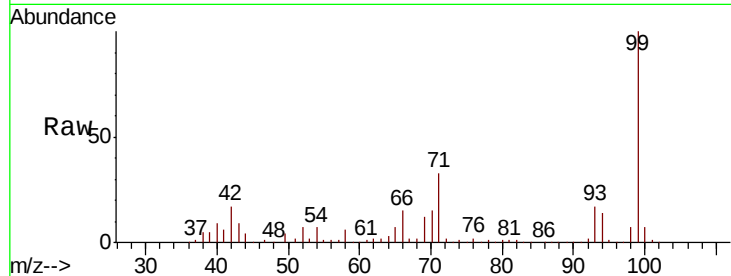
Tot Ion: 99 Resp: 2039022

Ion Ratio Lower Upper

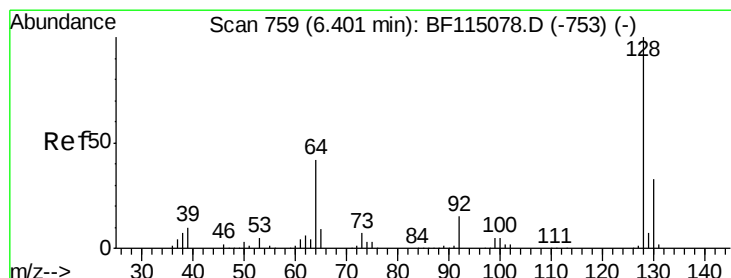
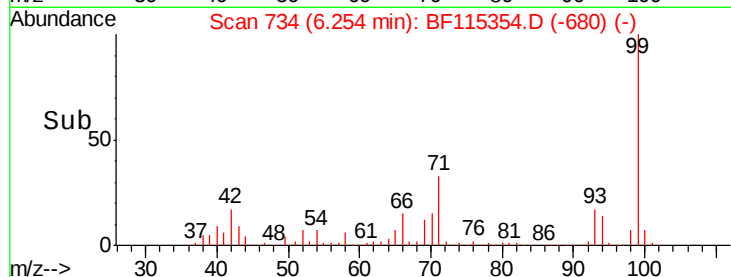
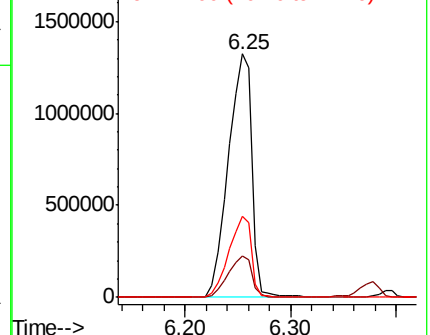
99 100

42 16.8 13.6 20.4

71 33.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.241 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

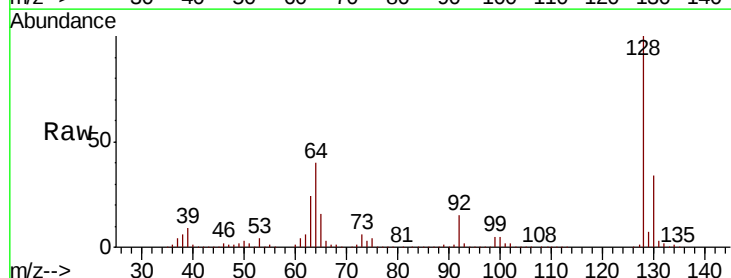
Tgt Ion: 128 Resp: 684854

Ion Ratio Lower Upper

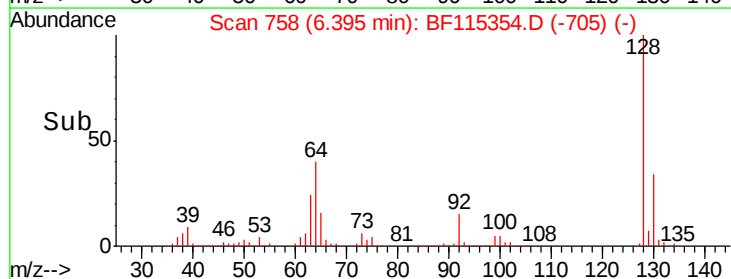
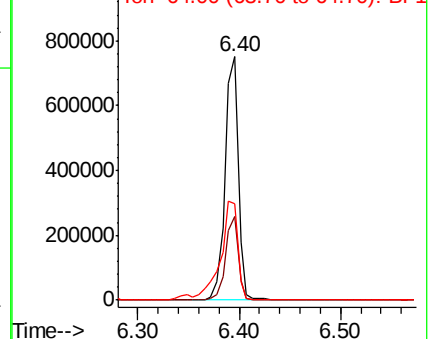
128 100

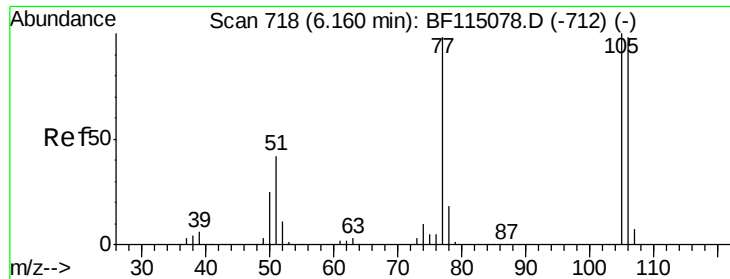
130 34.3 12.9 52.9

64 39.6 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.501 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

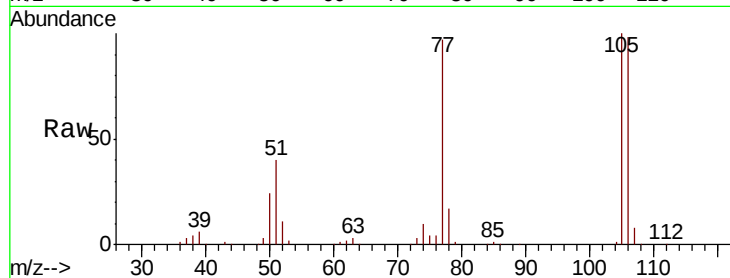
Tot Ion: 77 Resp: 108481

Ion Ratio Lower Upper

77 100

105 103.2 81.5 121.5

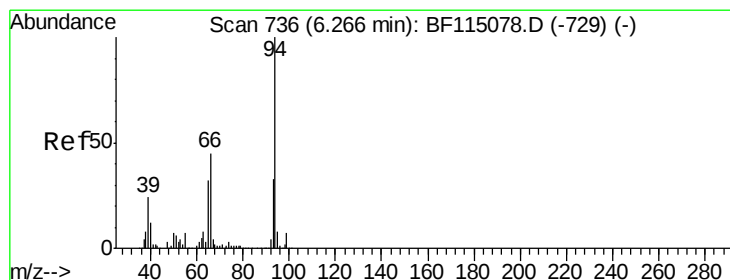
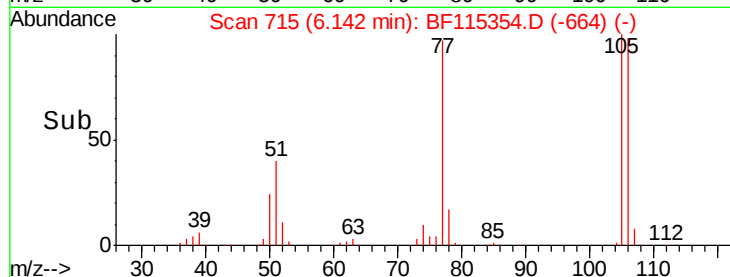
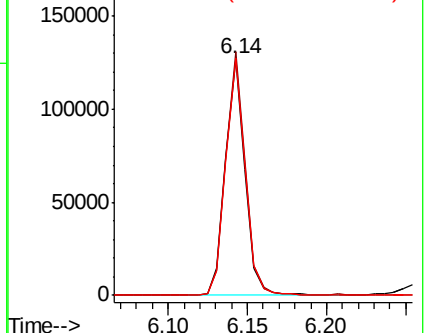
106 100.7 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.939 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

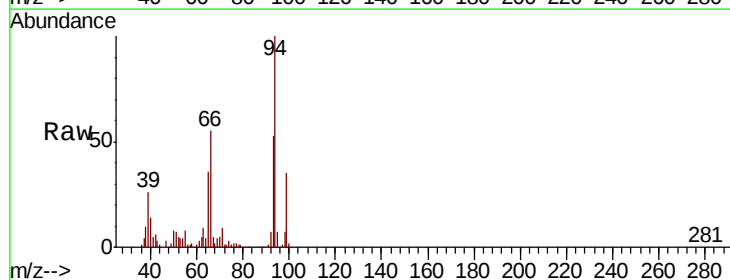
Tgt Ion: 94 Resp: 777753

Ion Ratio Lower Upper

94 100

65 35.9 11.9 51.9

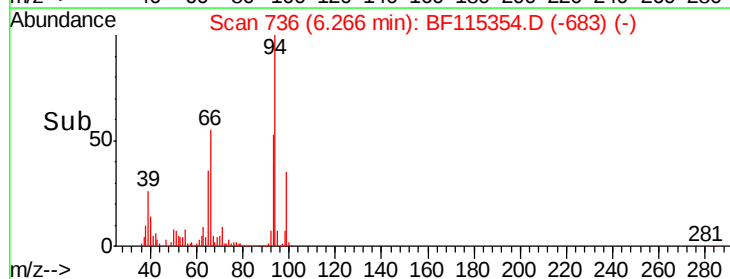
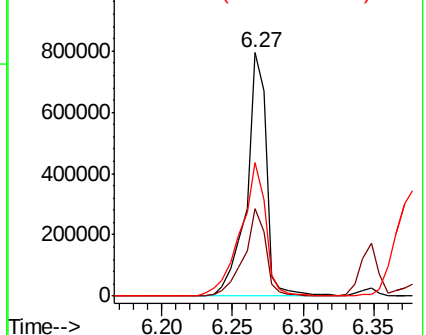
66 54.6 25.2 65.2

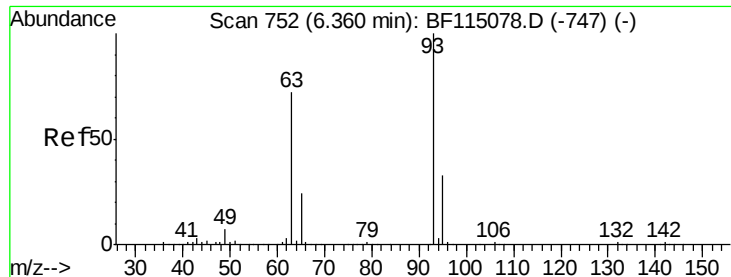


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

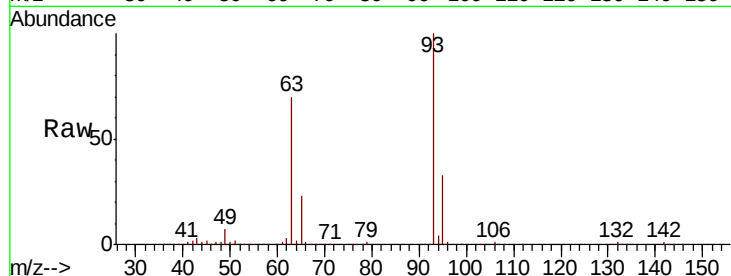




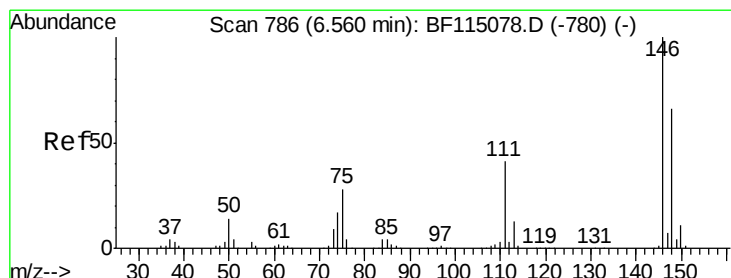
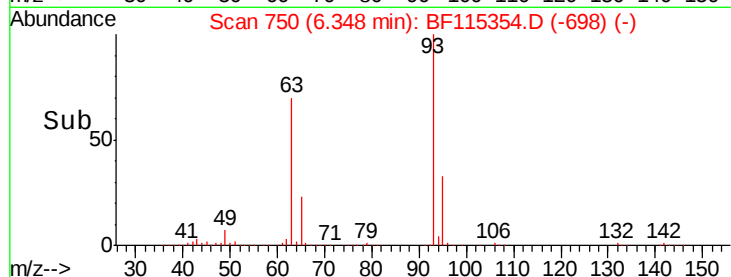
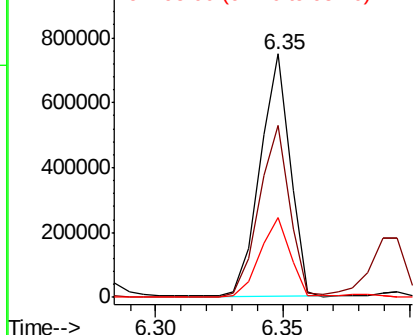
#11
bis(2-Chloroethyl)ether
Concen: 41.080 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 620764
Ion Ratio Lower Upper
93 100
63 70.5 51.5 91.5
95 32.7 13.4 53.4

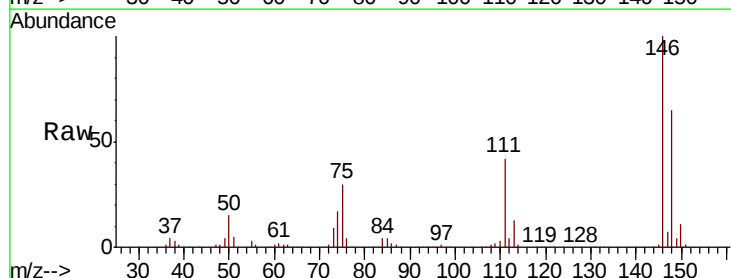


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

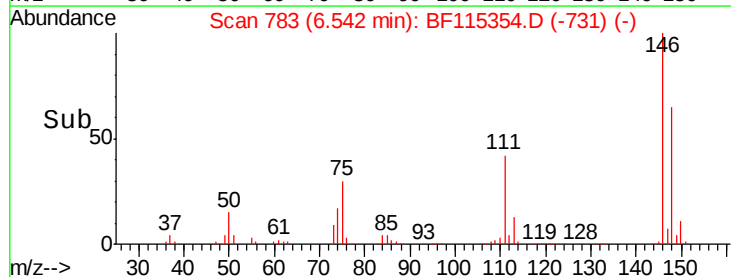
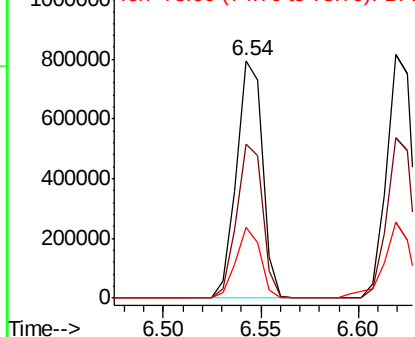


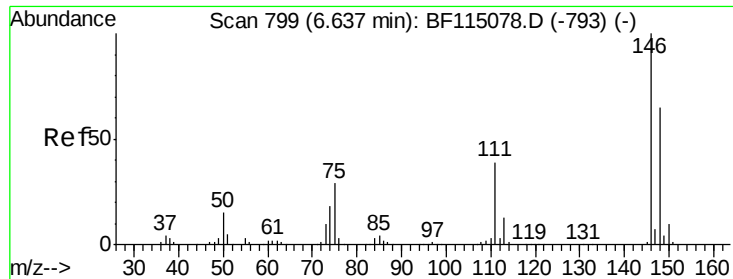
#12
1,3-Dichlorobenzene
Concen: 40.957 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion: 146 Resp: 736953
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 29.6 22.6 34.0



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

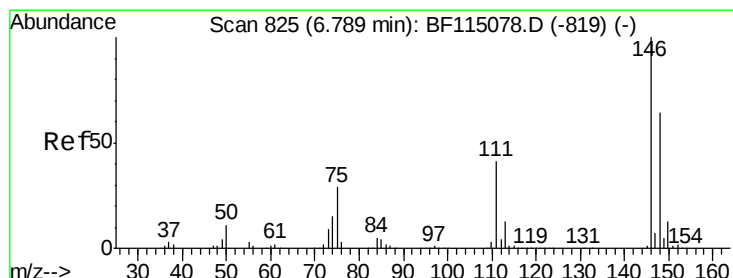
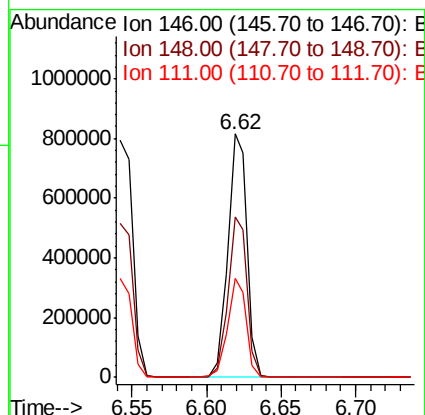
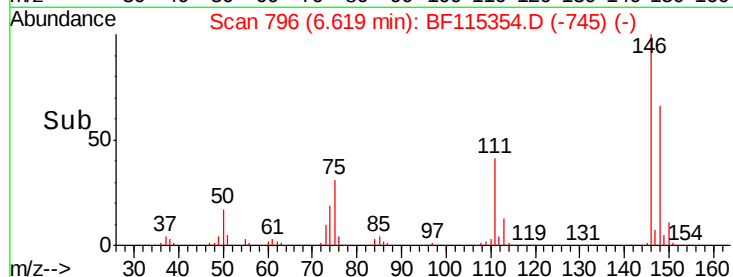
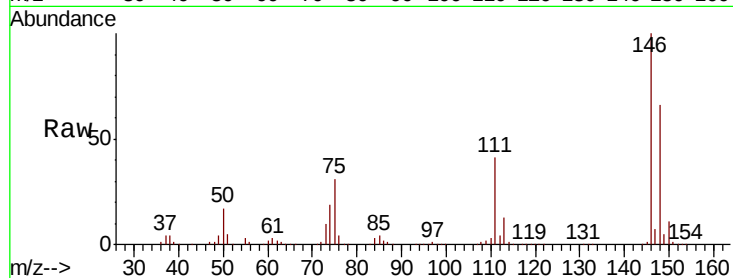




#13
 1,4-Dichlorobenzene
 Concen: 41.255 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

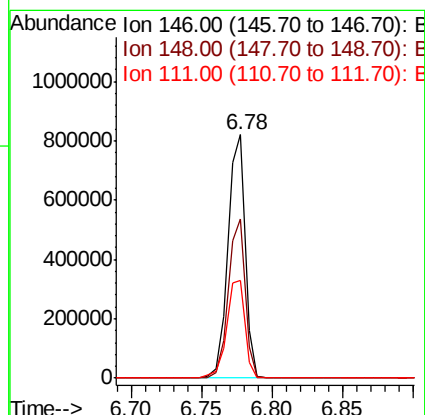
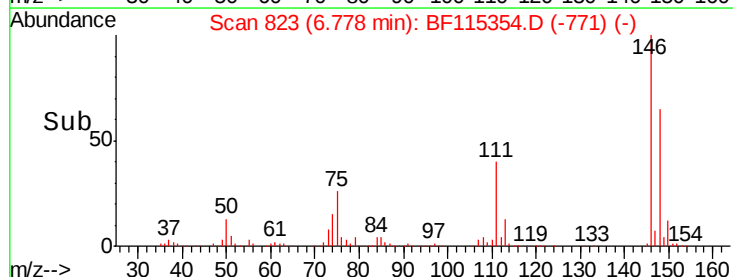
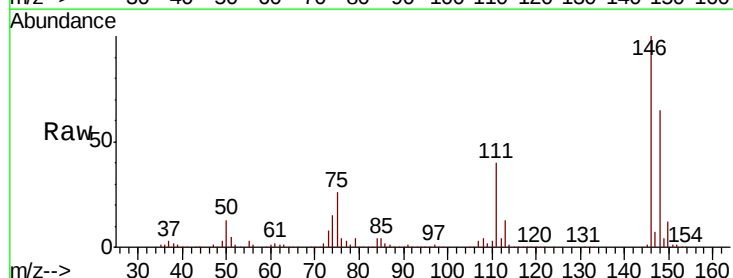
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 744388
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.9 77.9
 111 40.9 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 41.443 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion:146 Resp: 692490
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 40.1 33.2 49.8

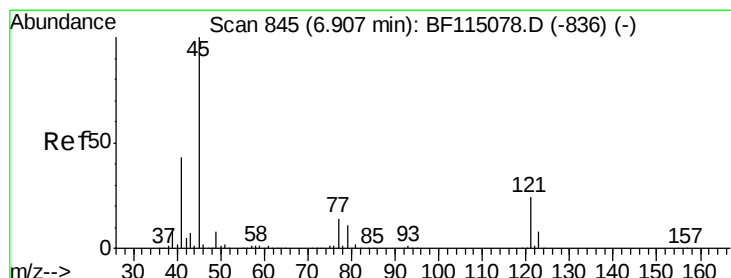
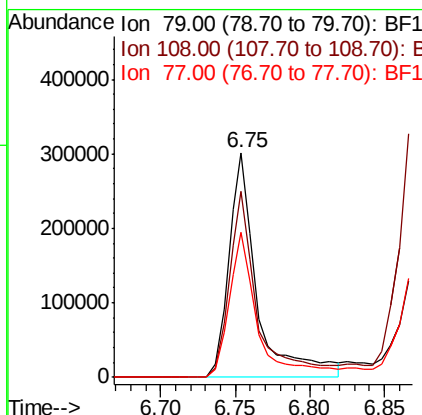
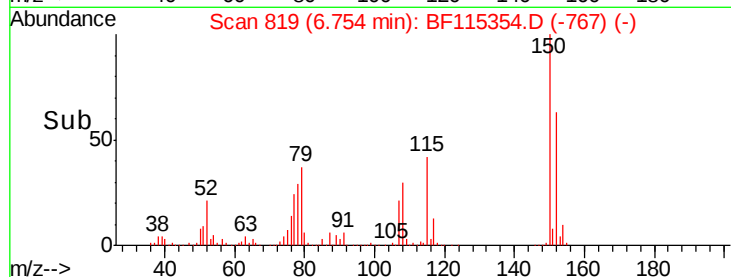
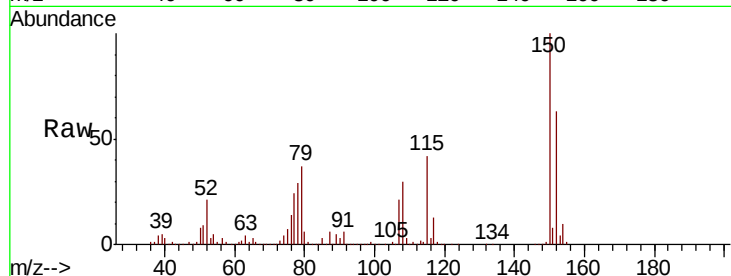




#15
Benzyl Alcohol
Concen: 31.751 ng
RT: 6.75 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

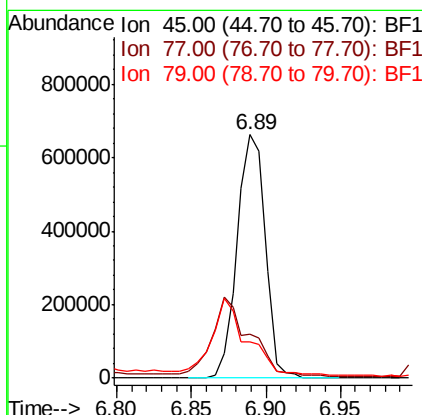
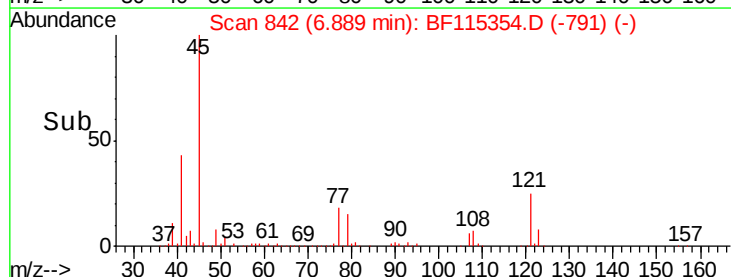
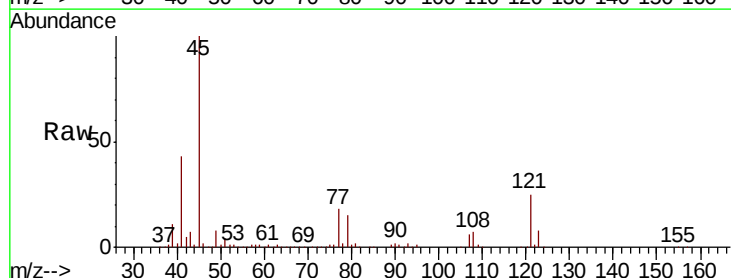
Instrument :
BNA_F
ClientSampleId :

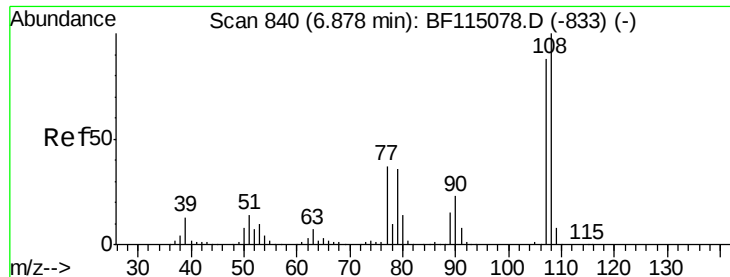
Tot Ion: 79 Resp: 404622
Ion Ratio Lower Upper
79 100
108 82.8 68.7 103.1
77 64.6 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.717 ng
RT: 6.89 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion: 45 Resp: 870472
Ion Ratio Lower Upper
45 100
77 18.1 0.0 34.6
79 14.8 0.0 31.2





#17

2-Methylphenol

Concen: 45.404 ng

RT: 6.87 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 607618

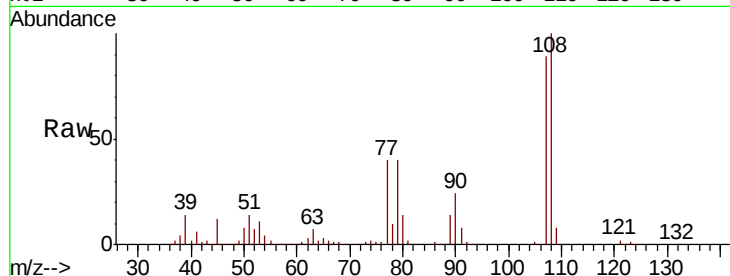
Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

77 45.3 33.4 50.2

79 44.5 32.3 48.5

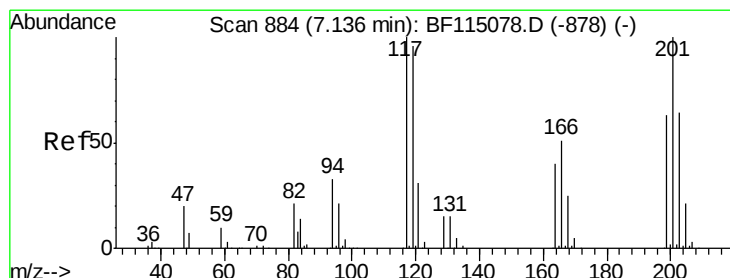
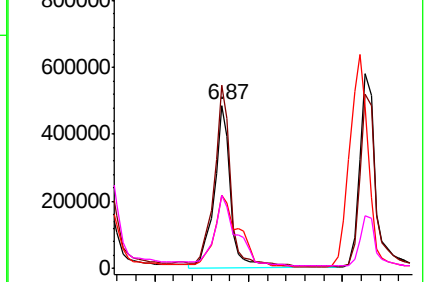
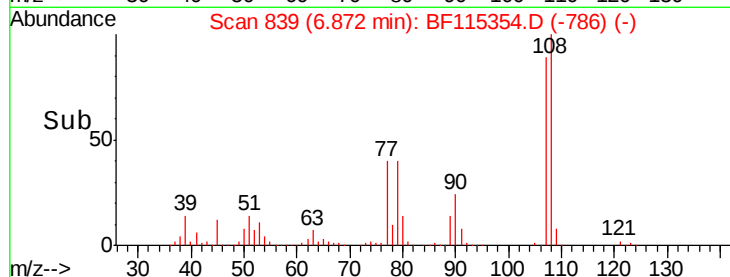


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.805 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

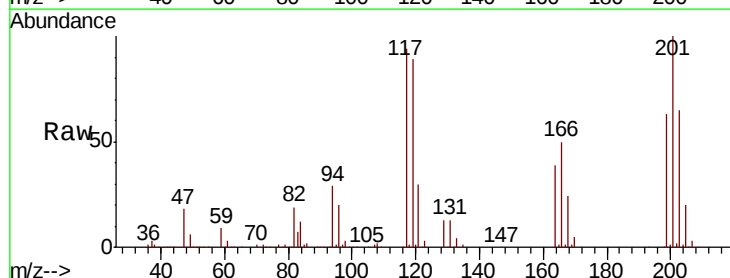
Tgt Ion:117 Resp: 265436

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

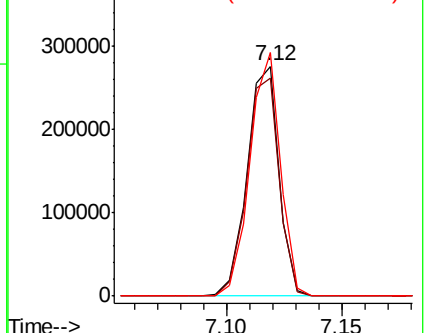
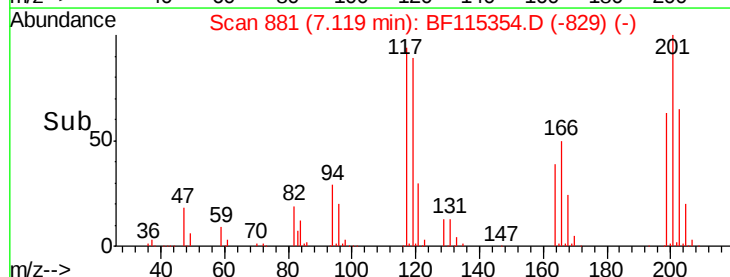
201 106.0 80.2 120.2

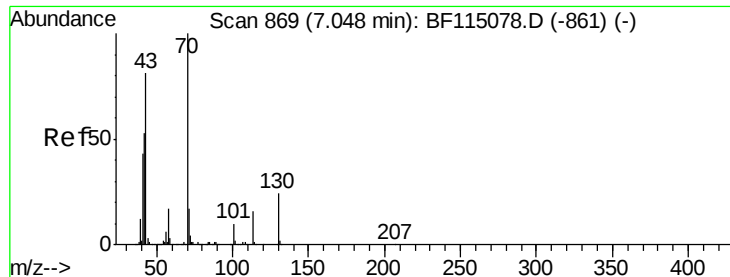


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

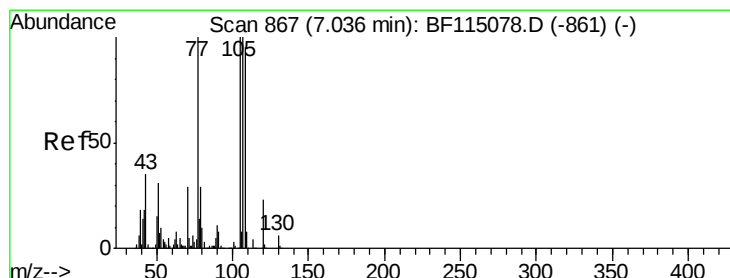
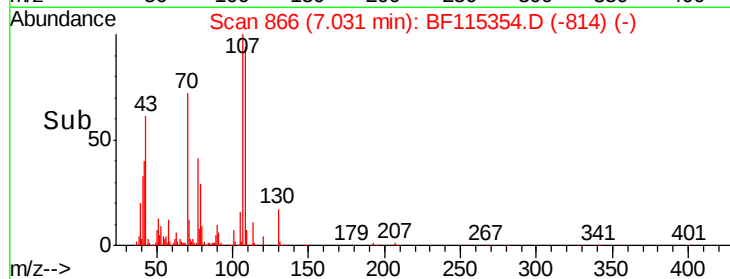
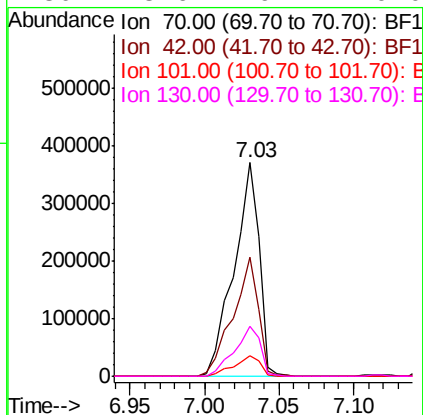
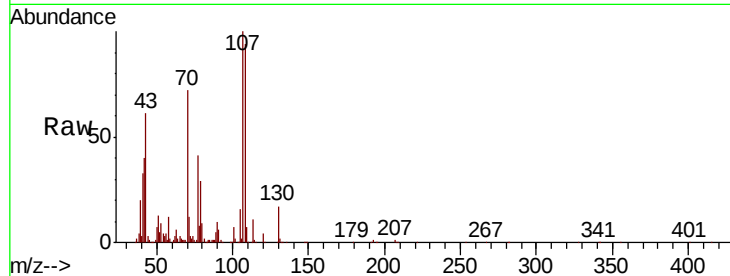




#19
n-Nitroso-di-n-propylamine
Concen: 39.106 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

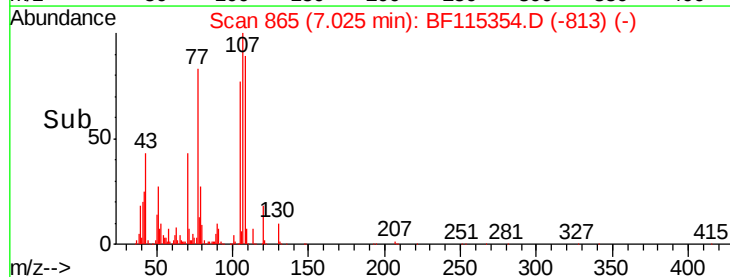
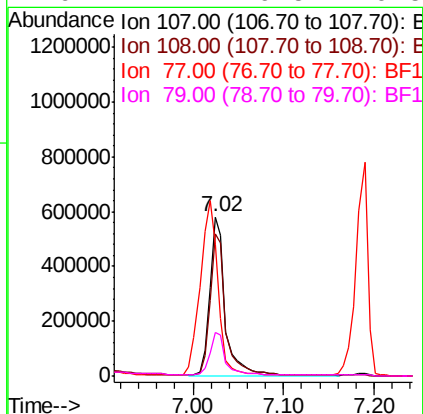
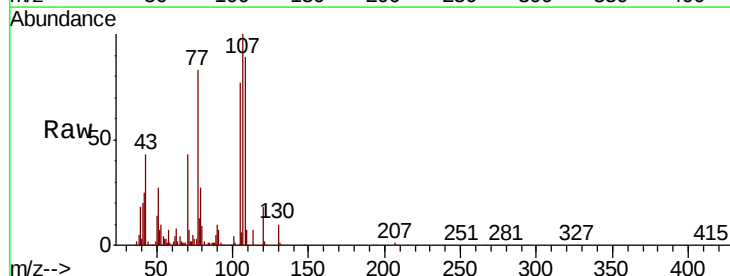
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 438150
Ion Ratio Lower Upper
70 100
42 55.7 42.6 63.8
101 9.9 8.0 12.0
130 23.6 19.4 29.0



#20
3+4-Methylphenols
Concen: 44.848 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion: 107 Resp: 693026
Ion Ratio Lower Upper
107 100
108 89.3 75.5 115.5
77 82.9 80.2 120.2
79 27.2 9.5 49.5

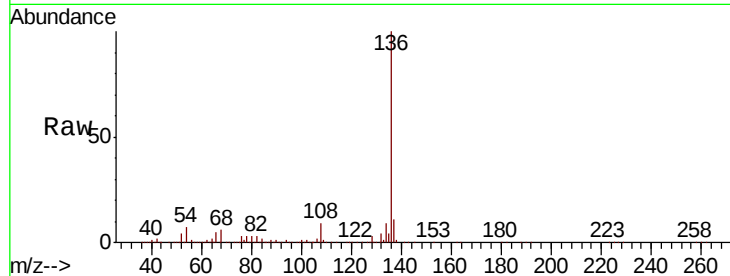




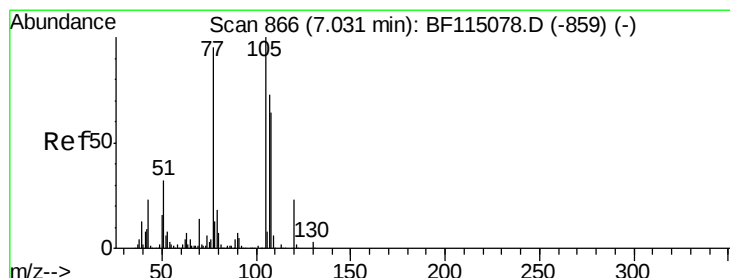
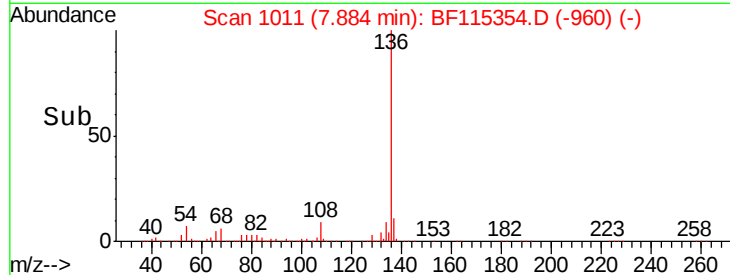
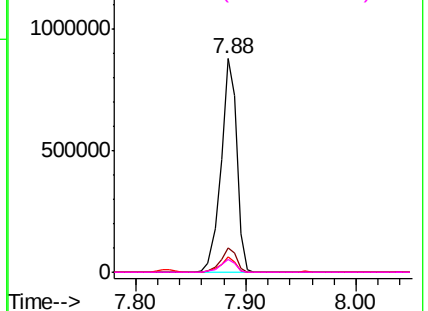
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	872705
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 7.2	5.6	8.4
68 6.3	4.8	7.2

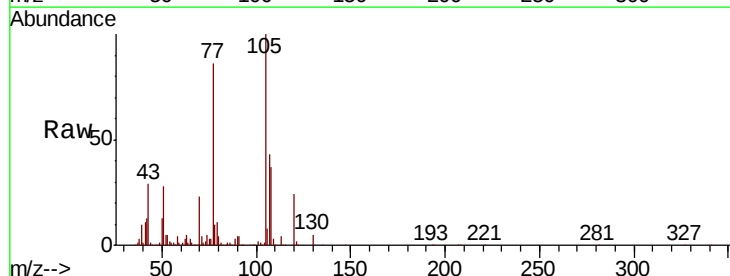


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

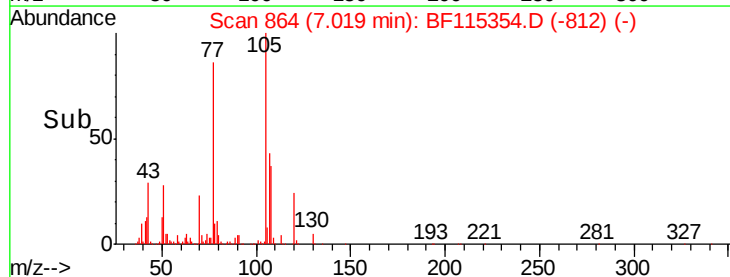
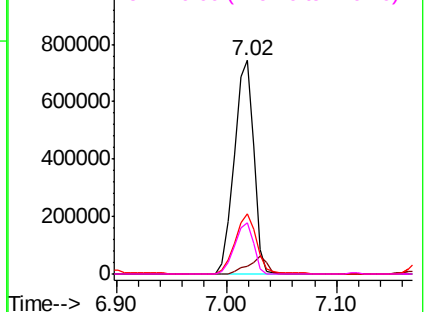


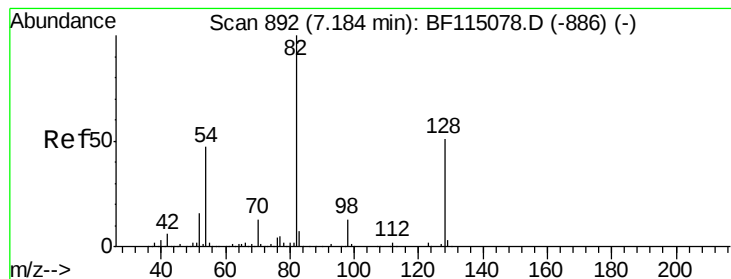
#22
Acetophenone
Concen: 46.400 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt	Ion:105	Resp:	927038
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	28.2	25.8	38.8
120	23.7	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.744 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

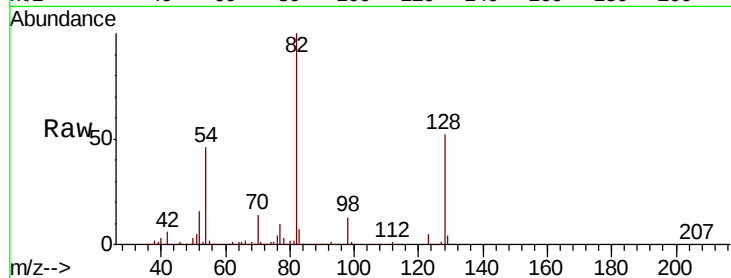
Tot Ion: 82 Resp: 1287369

Ion Ratio Lower Upper

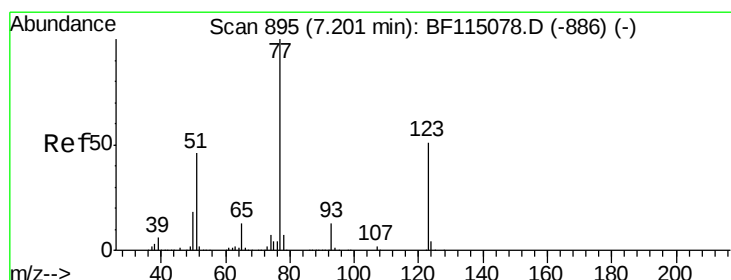
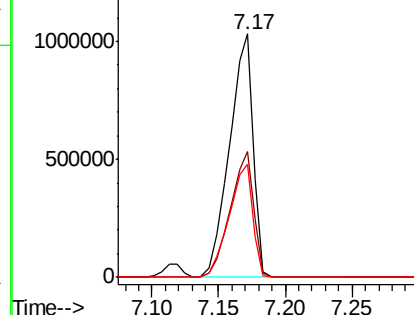
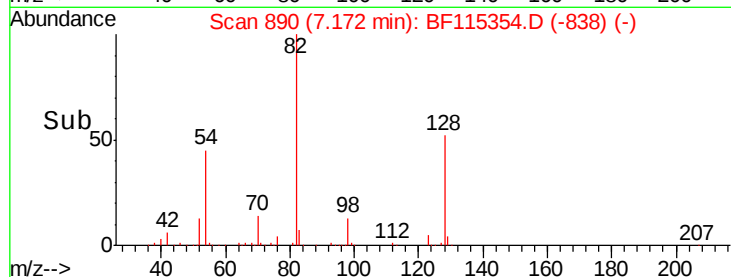
82 100

128 51.9 40.4 60.6

54 46.3 37.5 56.3



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



#24

Nitrobenzene

Concen: 44.096 ng

RT: 7.19 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

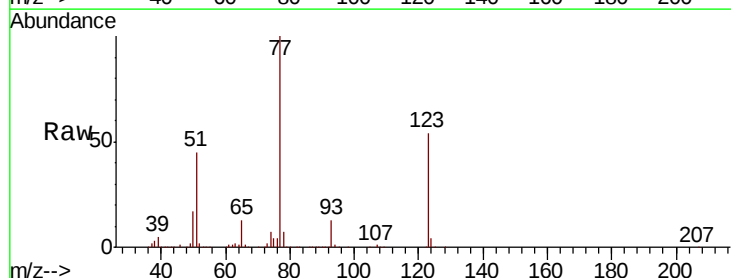
Tgt Ion: 77 Resp: 689197

Ion Ratio Lower Upper

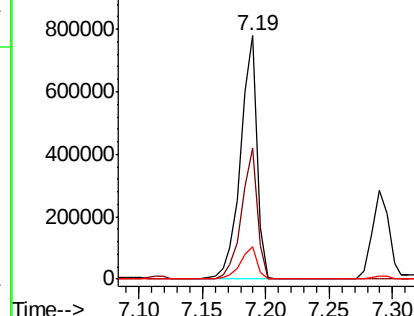
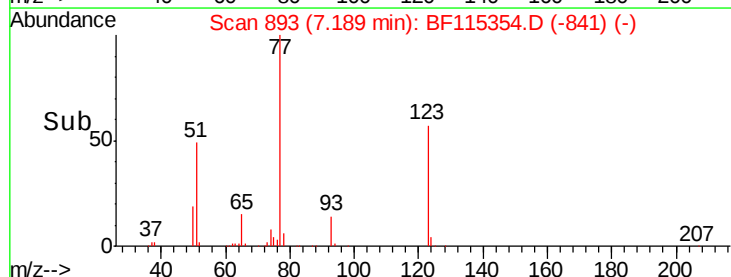
77 100

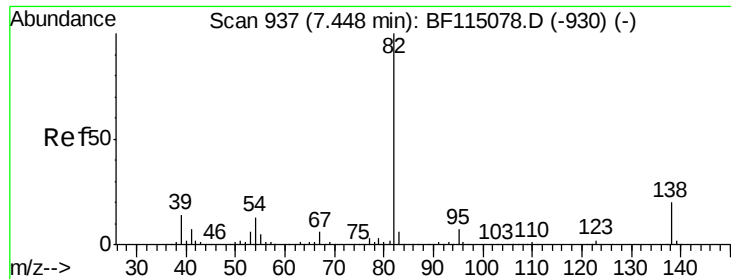
123 53.7 41.0 61.6

65 13.2 10.5 15.7



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

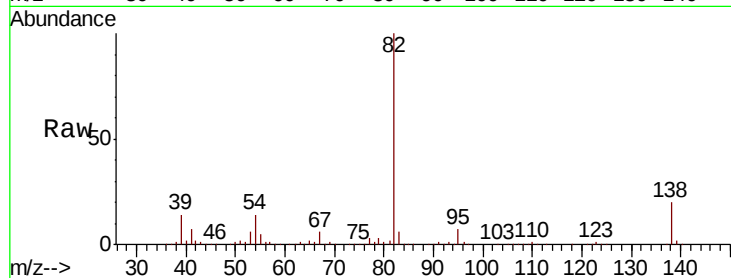




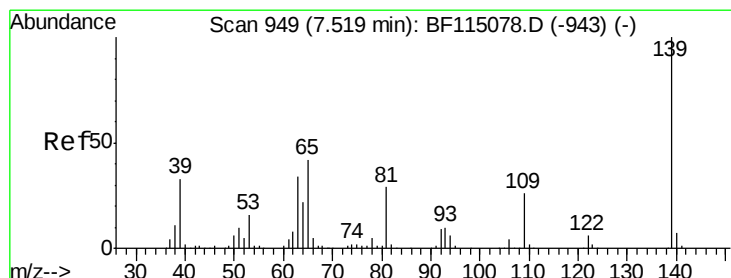
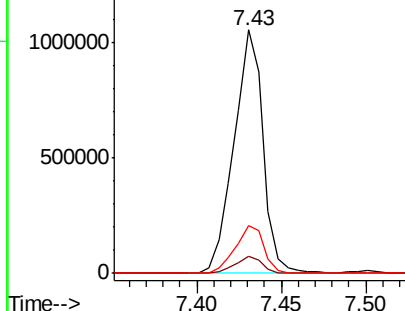
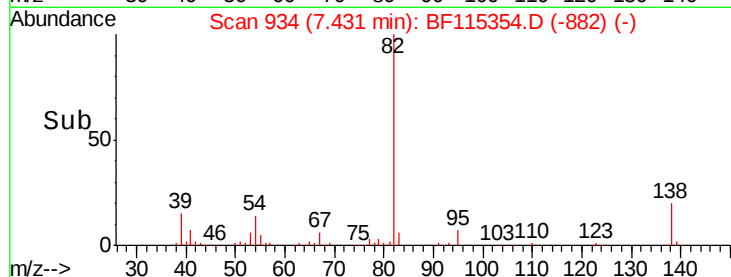
#25
Isophorone
Concen: 43.480 ng
RT: 7.43 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1263636
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.8 15.9 23.9

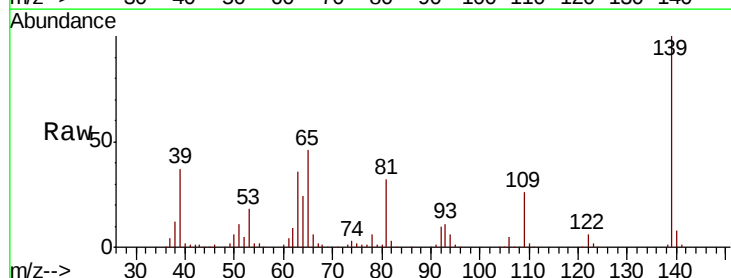


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

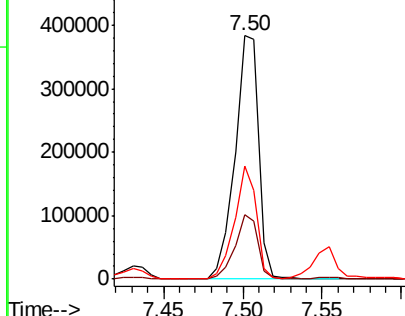
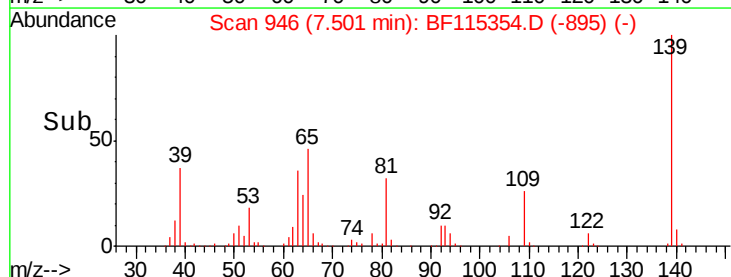


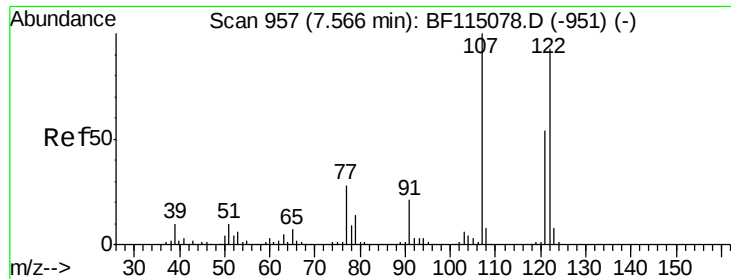
#26
2-Nitrophenol
Concen: 51.342 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion: 139 Resp: 396277
Ion Ratio Lower Upper
139 100
109 26.3 20.4 30.6
65 46.4 33.6 50.4



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

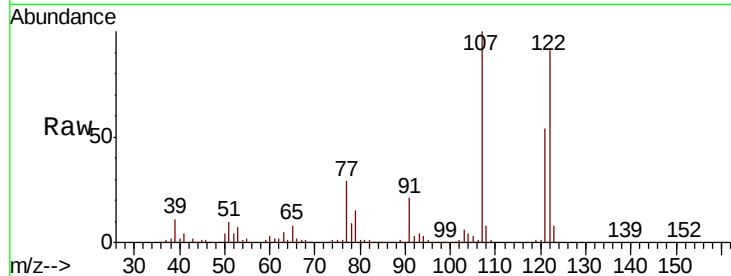




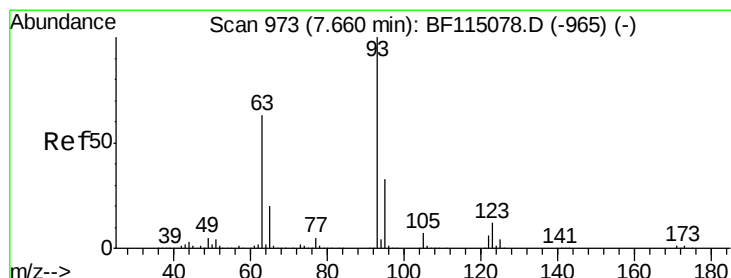
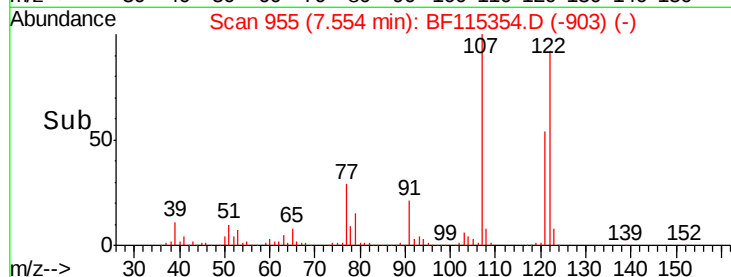
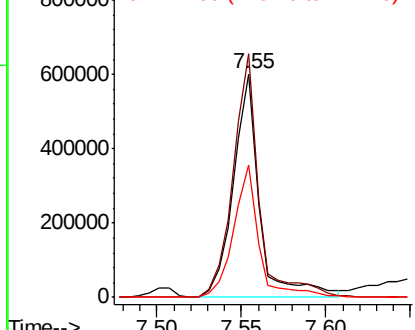
#27
 2,4-Dimethylphenol
 Concen: 51.023 ng
 RT: 7.55 min Scan# 955
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 644795
 Ion Ratio Lower Upper
 122 100
 107 109.0 85.8 128.6
 121 59.2 46.3 69.5

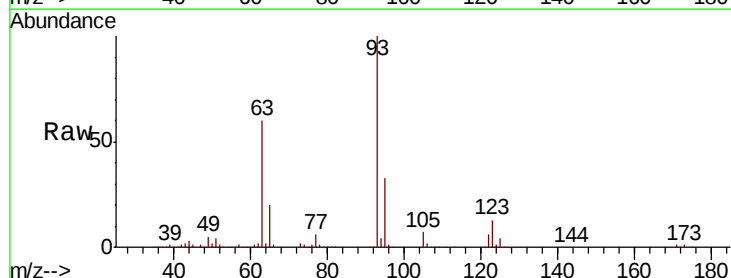


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

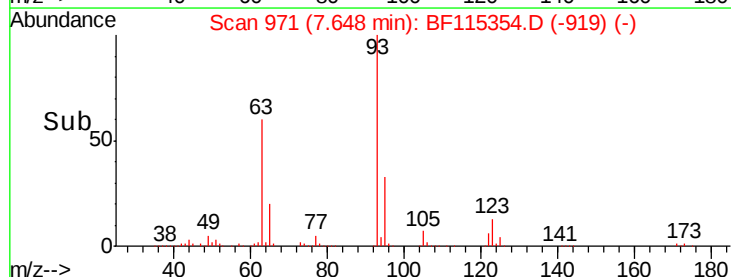
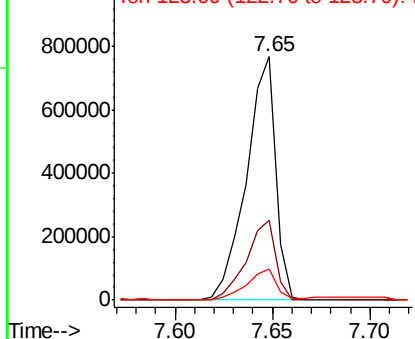


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.450 ng
 RT: 7.65 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion: 93 Resp: 798123
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.4
 123 12.6 9.7 14.5



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

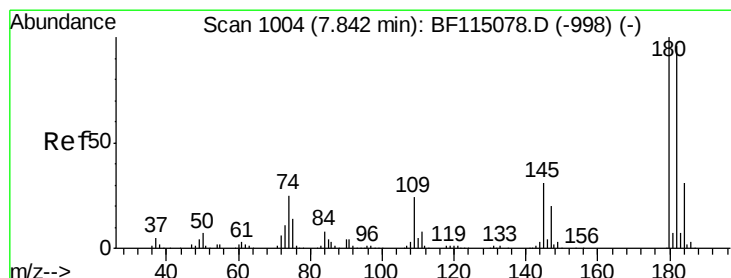
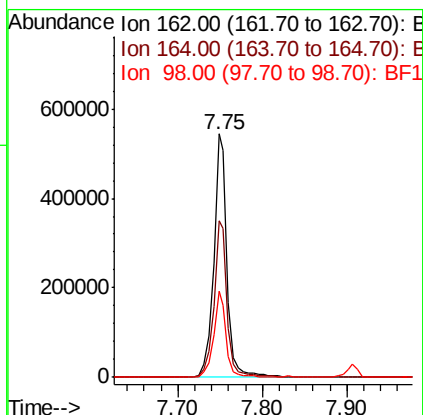
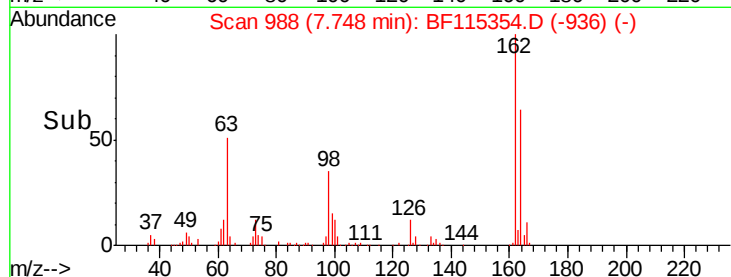
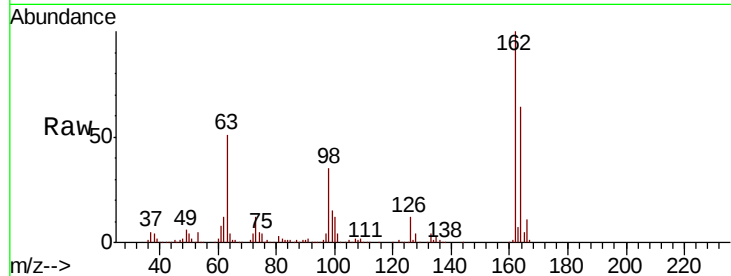




#29
2,4-Dichlorophenol
Concen: 46.917 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

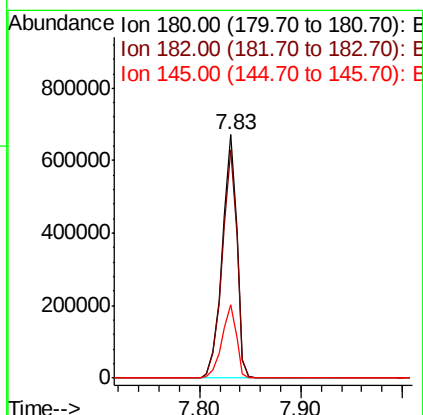
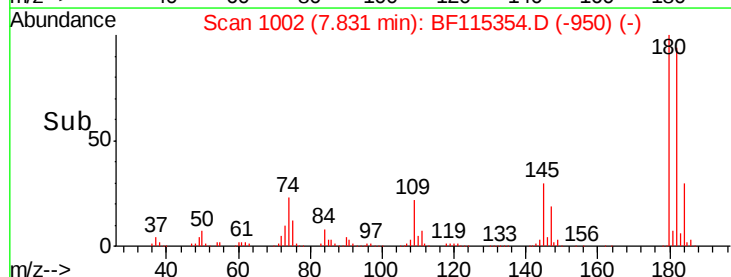
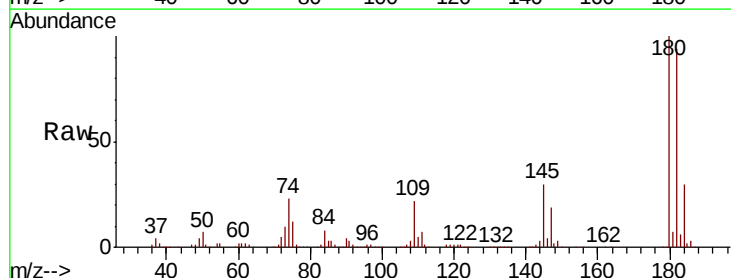
Instrument :
BNA_F
ClientSampleId :

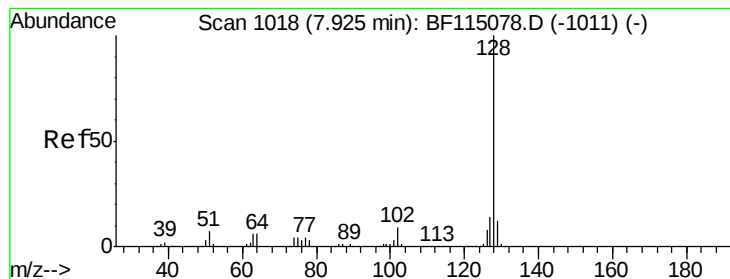
Tot Ion:162 Resp: 611875
Ion Ratio Lower Upper
162 100
164 64.2 45.3 85.3
98 35.5 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 46.188 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:180 Resp: 665366
Ion Ratio Lower Upper
180 100
182 93.7 76.4 114.6
145 30.1 24.8 37.2





#31

Naphthalene

Concen: 45.299 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

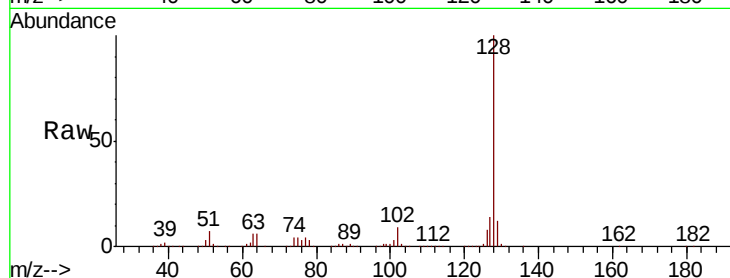
Tot Ion:128 Resp: 1940562

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

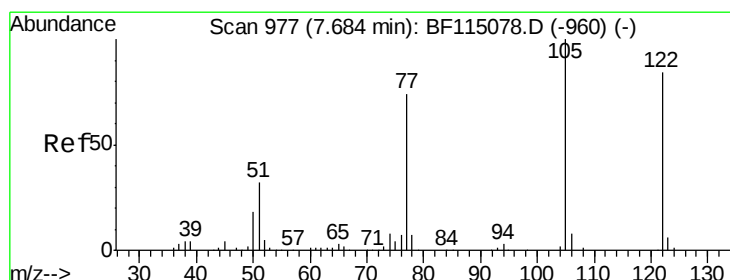
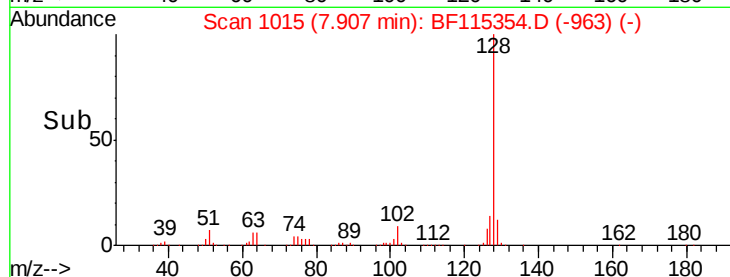
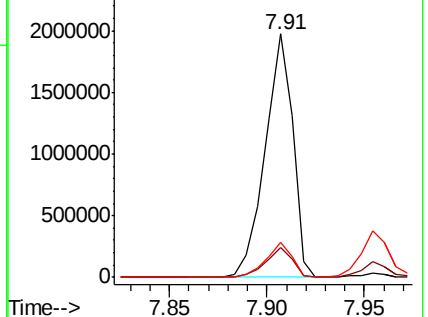
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.413 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.04 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

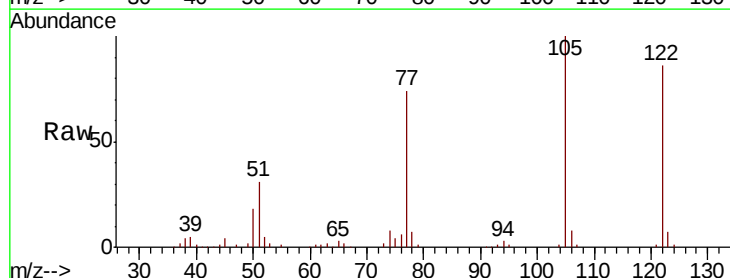
Tgt Ion:122 Resp: 445738

Ion Ratio Lower Upper

122 100

105 116.4 98.2 138.2

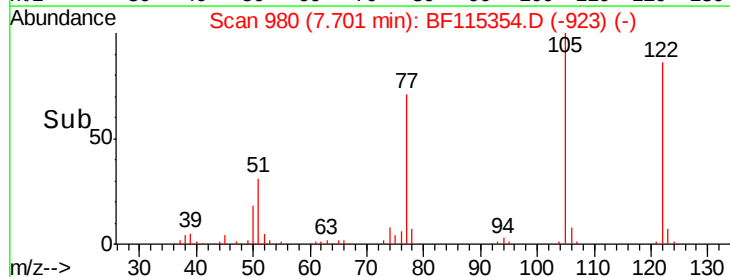
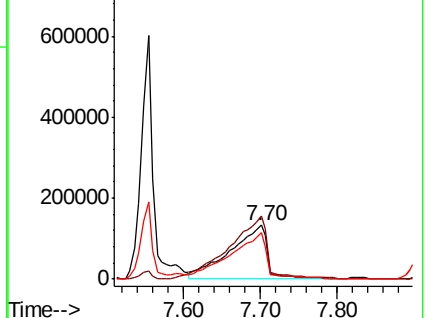
77 86.1 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

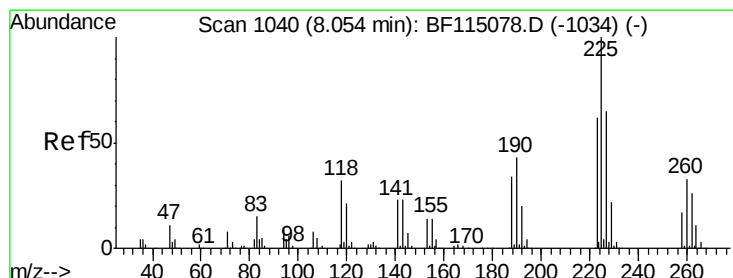
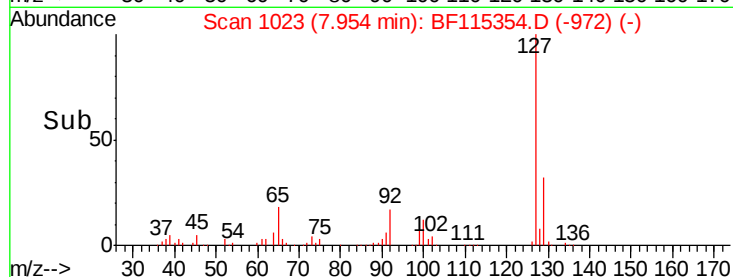
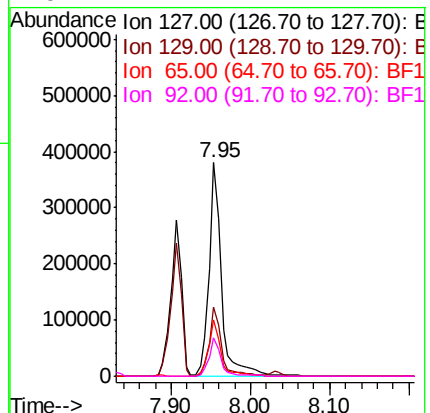
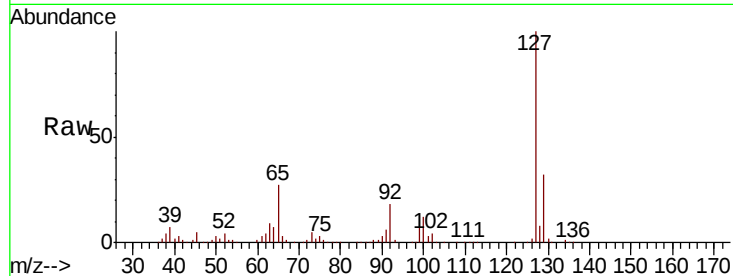




#33
4-Chloroaniline
Concen: 21.336 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

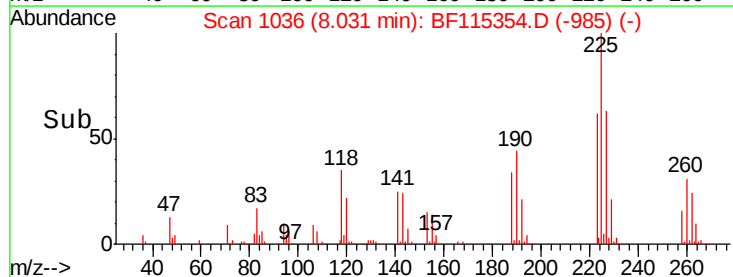
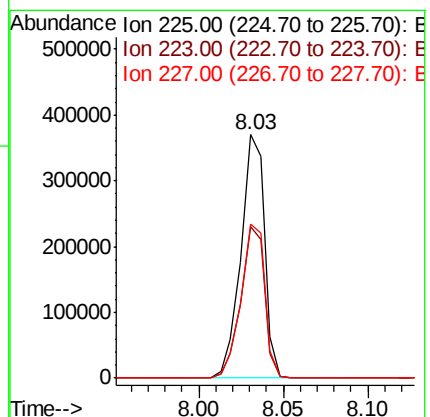
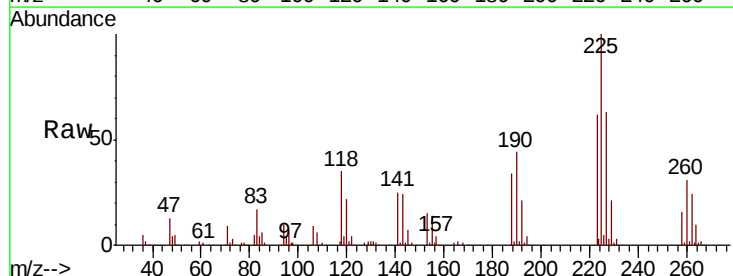
Instrument :
BNA_F
ClientSampleId :

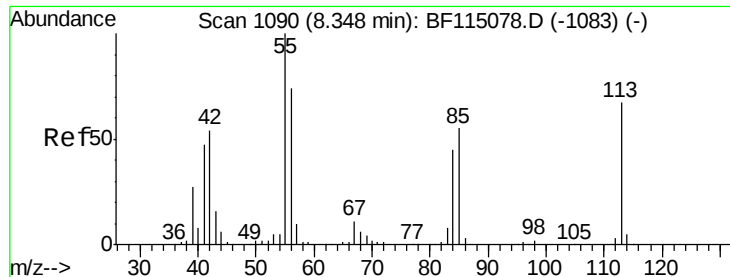
Tot Ion:	127	Resp:	417732
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	26.6	21.4	32.2
92	17.7	14.1	21.1



#34
Hexachlorobutadiene
Concen: 45.753 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:	225	Resp:	361186
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	63.1	51.8	77.8

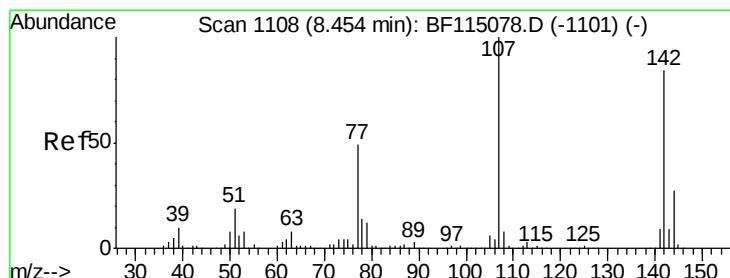
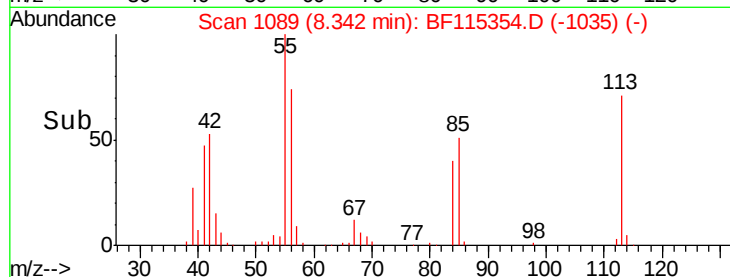
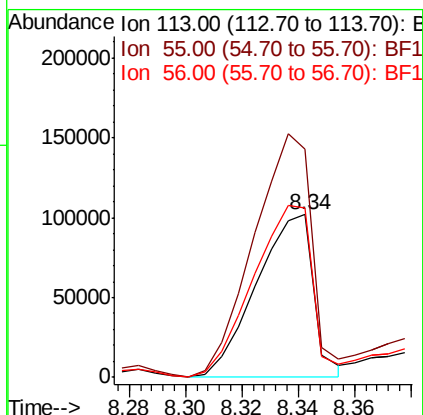
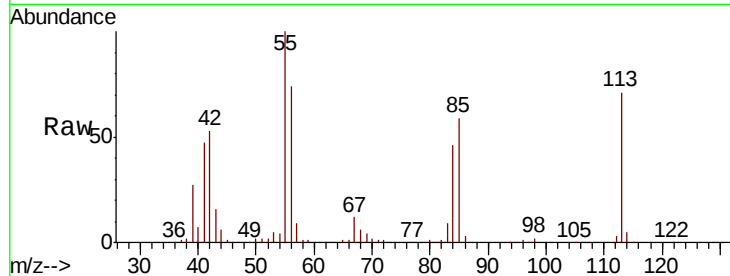




#35
Caprolactam
Concen: 32.637 ng
RT: 8.34 min Scan# 1089
Delta R.T. 0.02 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

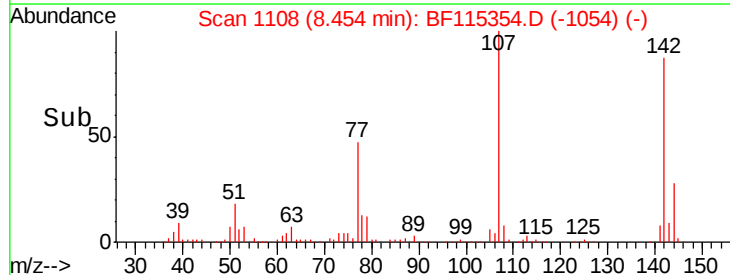
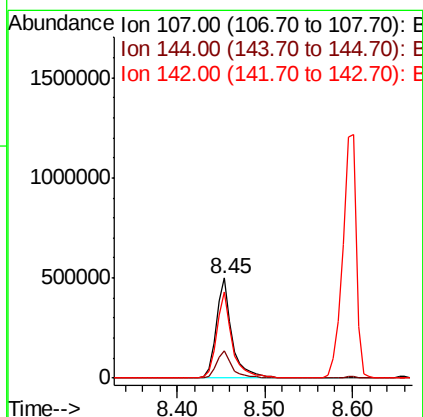
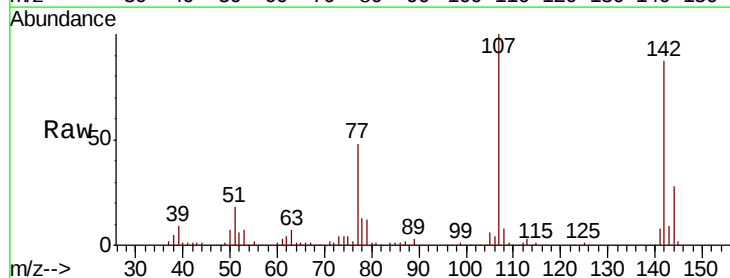
Instrument :
BNA_F
ClientSampleId :

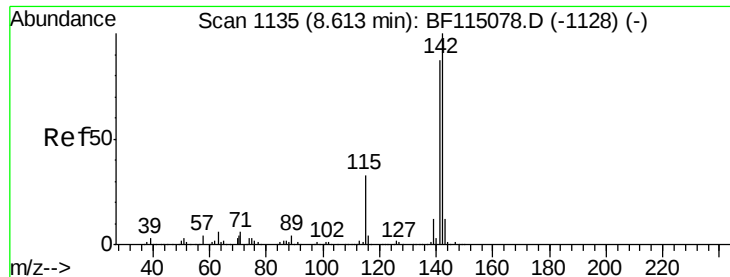
Tot Ion:113 Resp: 143103
Ion Ratio Lower Upper
113 100
55 140.3 130.2 170.2
56 104.0 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 46.867 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:107 Resp: 619002
Ion Ratio Lower Upper
107 100
144 28.0 21.7 32.5
142 86.8 67.0 100.4

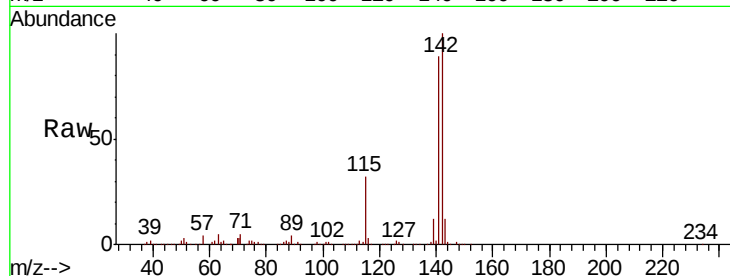




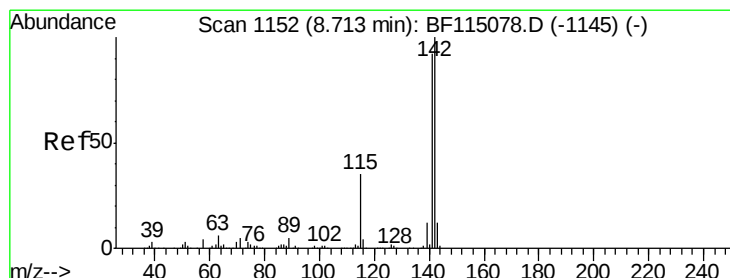
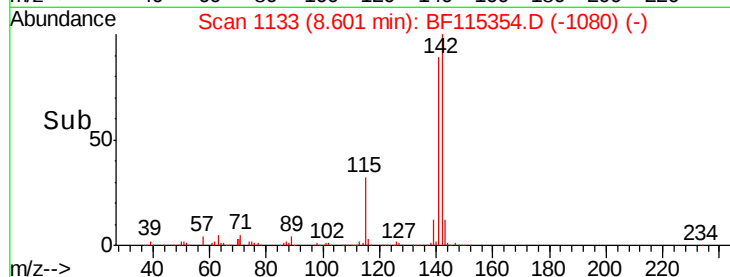
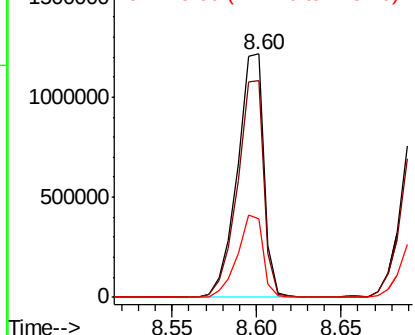
#37
2-Methylnaphthalene
Concen: 46.010 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1328959
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.6
115 32.5 26.7 40.1

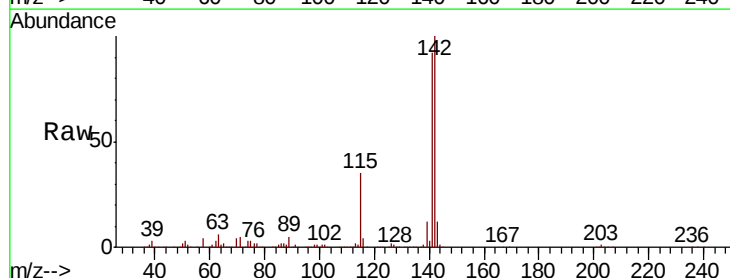


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

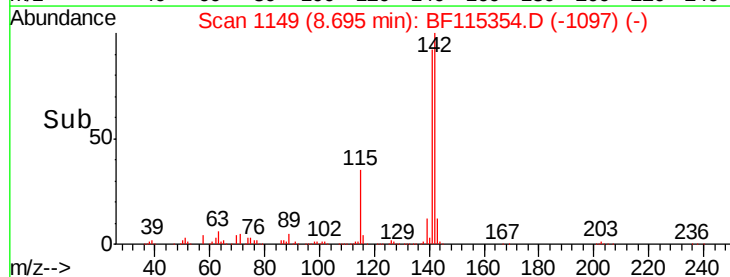
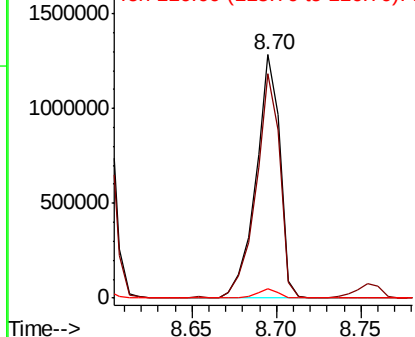


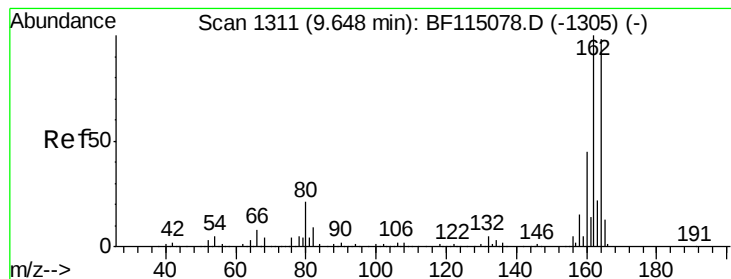
#38
1-Methylnaphthalene
Concen: 45.791 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:142 Resp: 1263218
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8
116 3.7 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

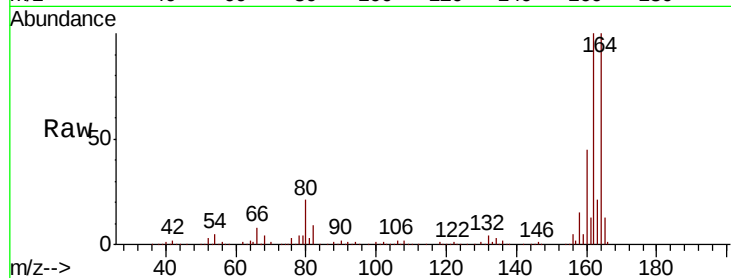
Tot Ion:164 Resp: 426616

Ion Ratio Lower Upper

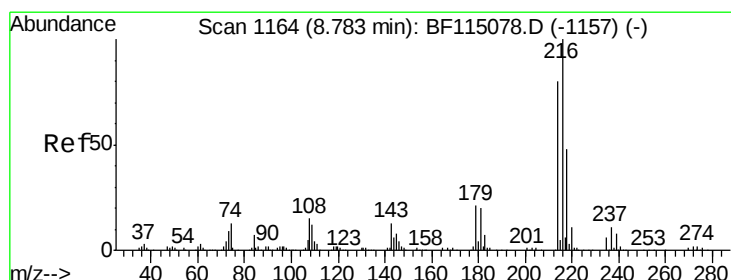
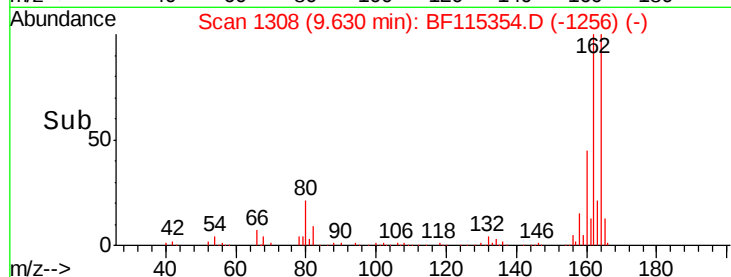
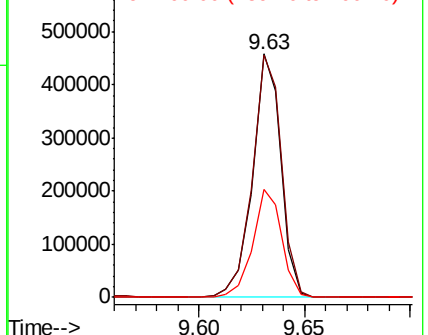
164 100

162 99.6 81.7 122.5

160 44.6 37.0 55.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.248 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Tgt Ion:216 Resp: 581652

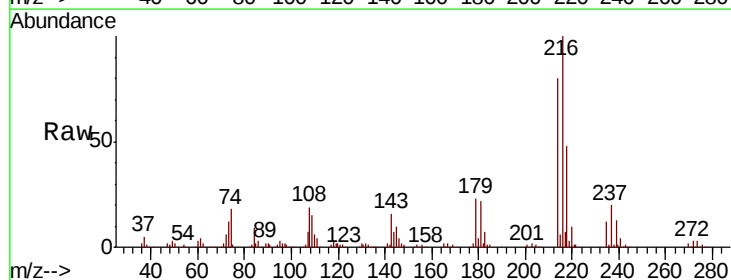
Ion Ratio Lower Upper

216 100

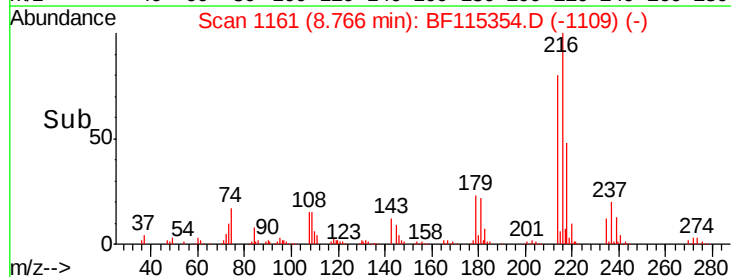
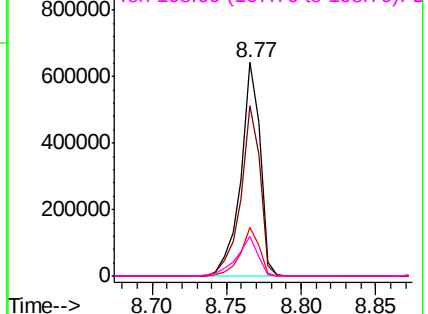
214 79.3 63.8 95.6

179 22.1 17.6 26.4

108 20.5 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.227 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

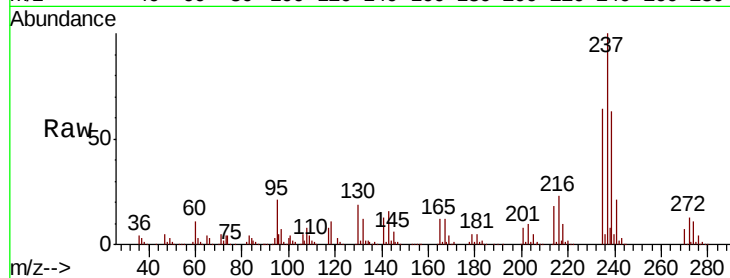
Tot Ion:237 Resp: 616386

Ion Ratio Lower Upper

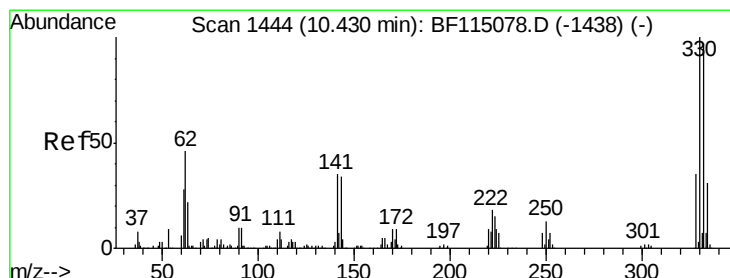
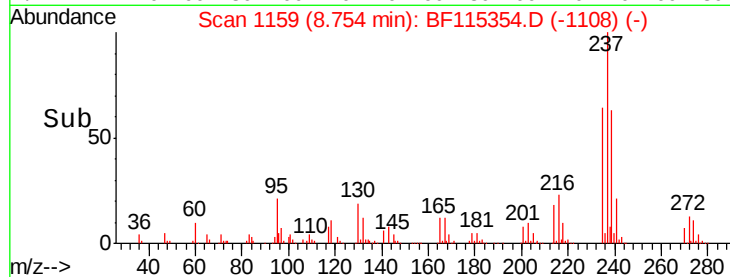
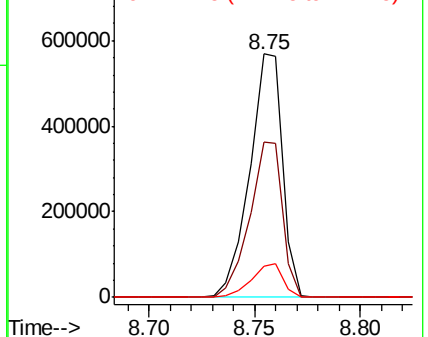
237 100

235 63.6 43.9 83.9

272 13.0 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.246 ng

RT: 10.42 min Scan# 1443

Delta R.T. 0.02 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

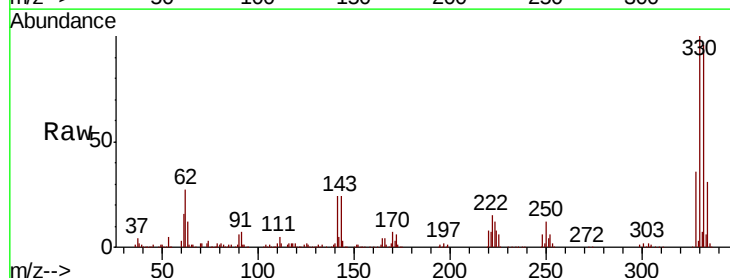
Tgt Ion:330 Resp: 612945

Ion Ratio Lower Upper

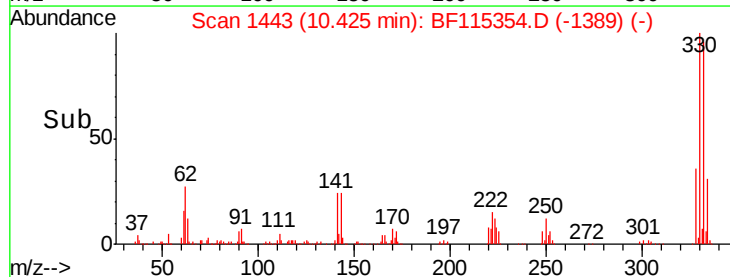
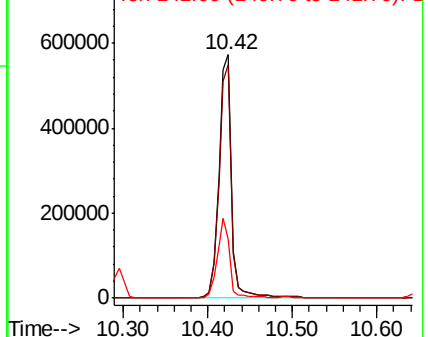
330 100

332 95.8 77.3 115.9

141 32.1 28.2 42.2



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

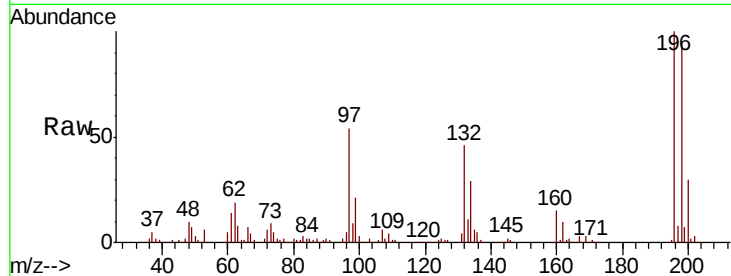




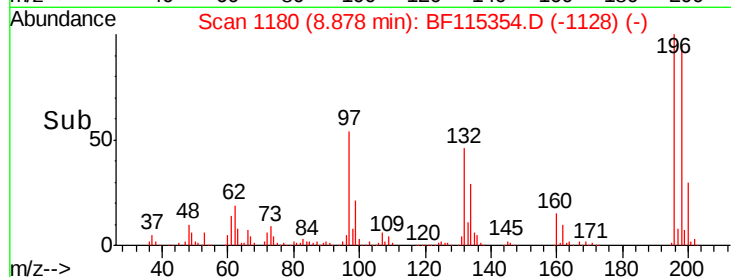
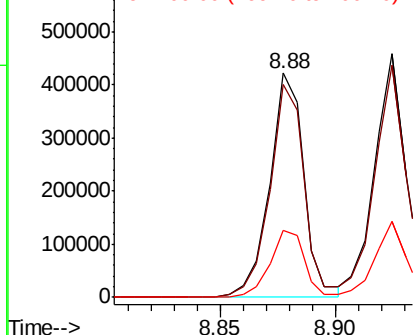
#43
 2,4,6-Trichlorophenol
 Concen: 46.591 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 433636
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 30.1 24.2 36.4

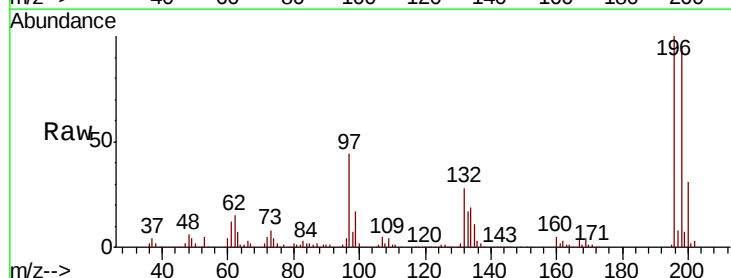


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

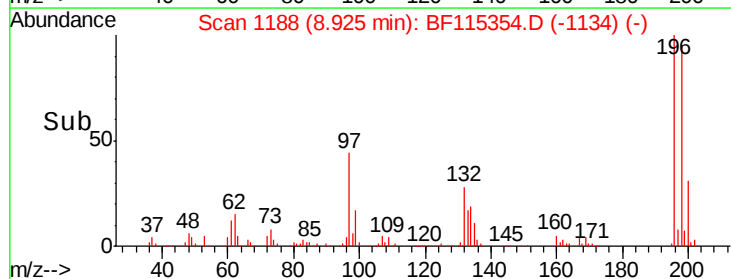
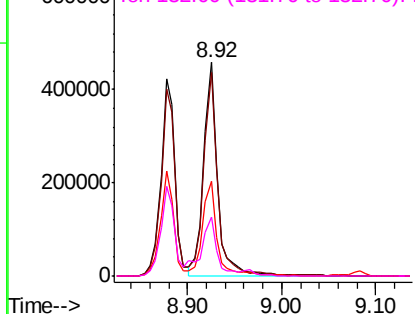


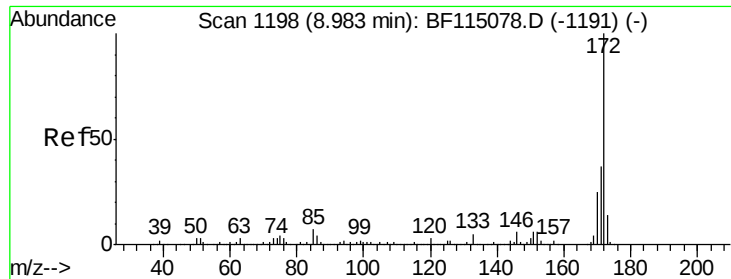
#44
 2,4,5-Trichlorophenol
 Concen: 49.844 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion:196 Resp: 477738
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 97 44.1 37.7 56.5
 132 27.7 23.1 34.7



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

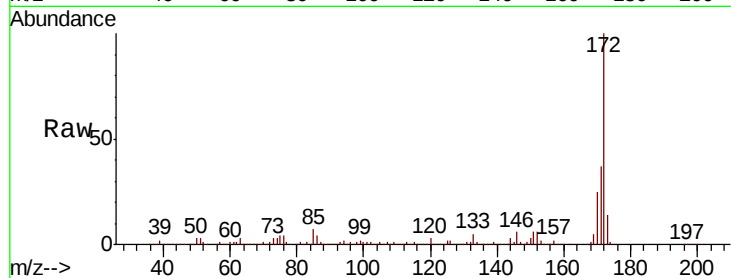




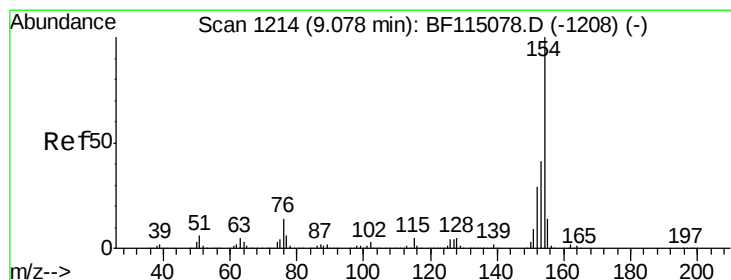
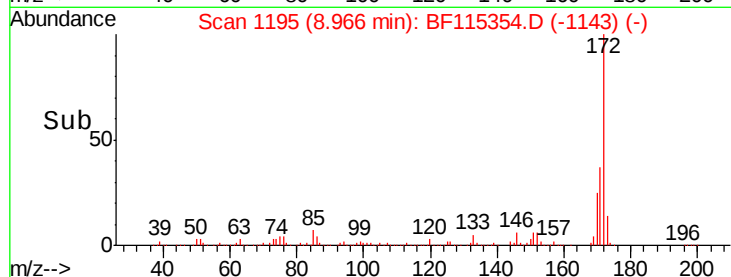
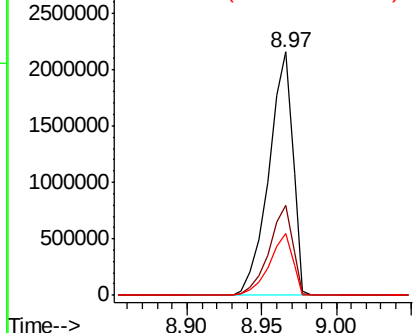
#45
2-Fluorobiphenyl
Concen: 95.395 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2395893
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.3 20.3 30.5

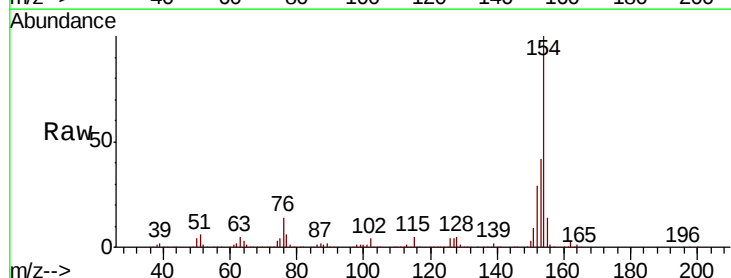


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

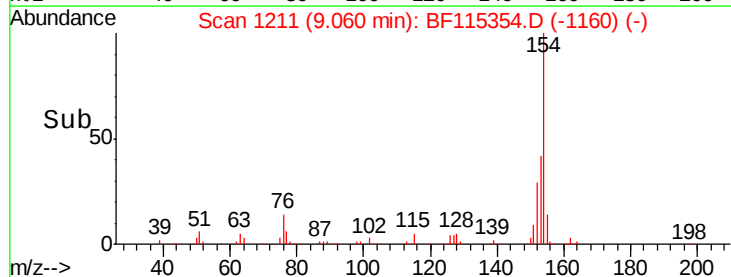
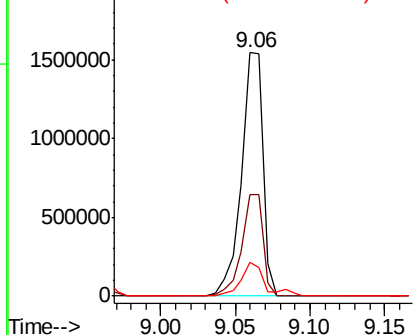


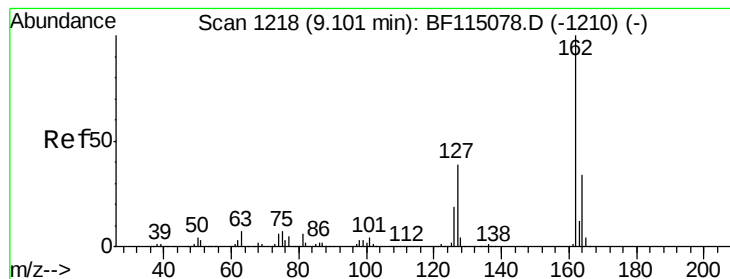
#46
1,1'-Biphenyl
Concen: 45.345 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:154 Resp: 1547875
Ion Ratio Lower Upper
154 100
153 41.8 20.9 60.9
76 13.7 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 45.461 ng

RT: 9.08 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

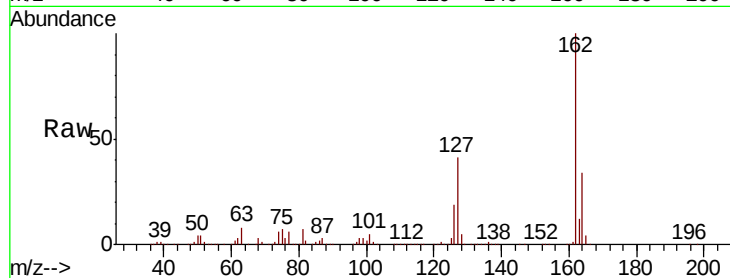
Tot Ion:162 Resp: 1258765

Ion Ratio Lower Upper

162 100

127 40.7 30.8 46.2

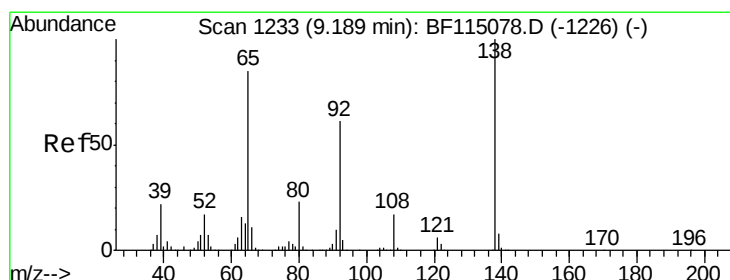
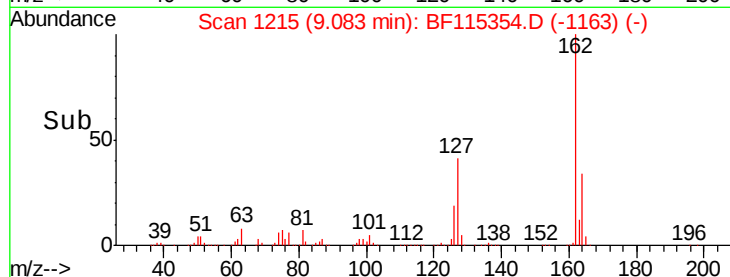
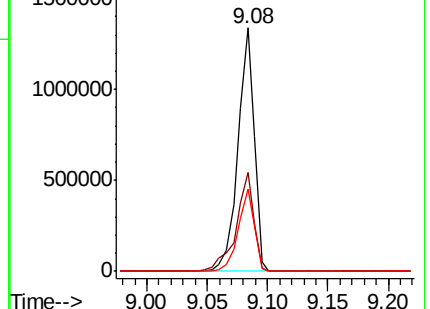
164 33.6 27.0 40.4



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: 46.411 ng

RT: 9.18 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

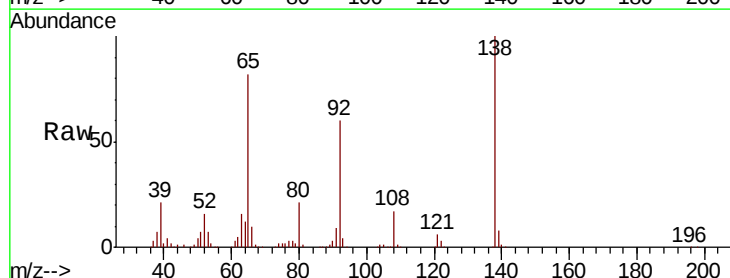
Tgt Ion: 65 Resp: 374653

Ion Ratio Lower Upper

65 100

92 73.7 57.4 86.2

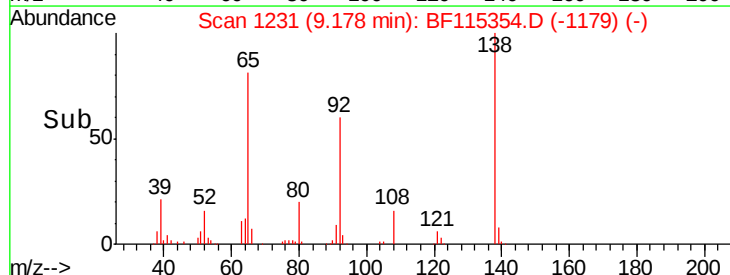
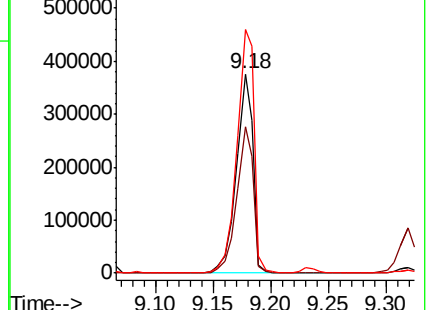
138 122.4 94.1 141.1

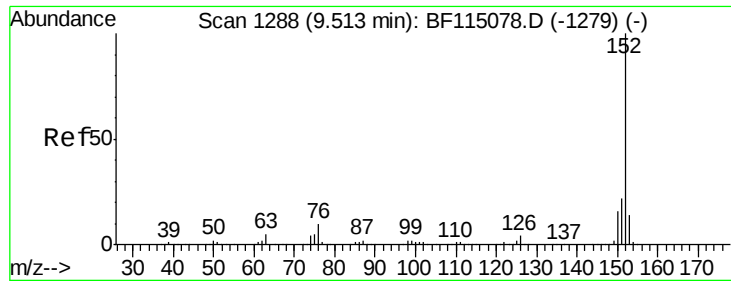


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.108 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

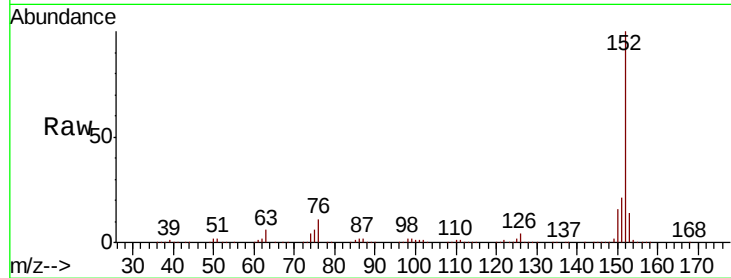
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1945987

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	14.2	11.0	16.6

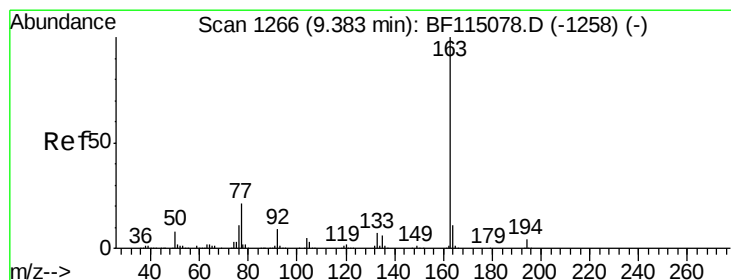
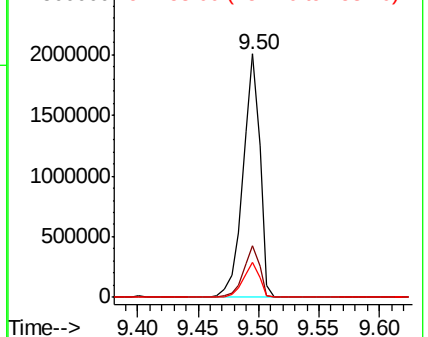
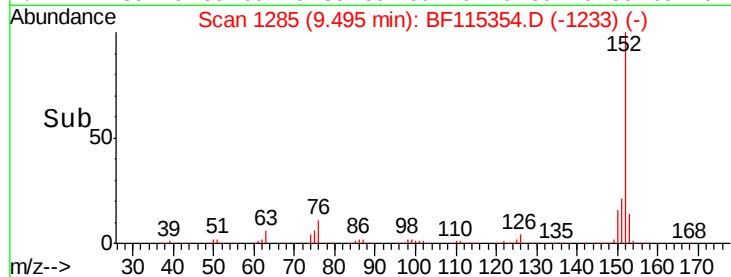


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.266 ng

RT: 9.37 min Scan# 1264

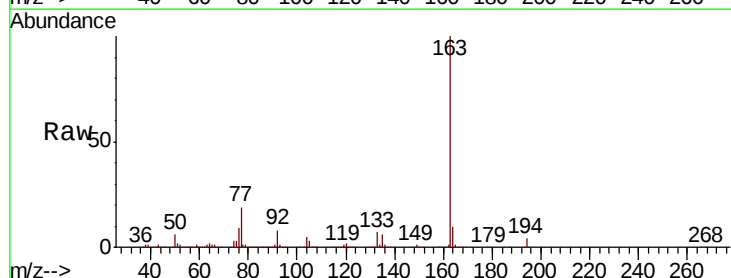
Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Tgt Ion:163 Resp: 1483529

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.4	8.6	13.0

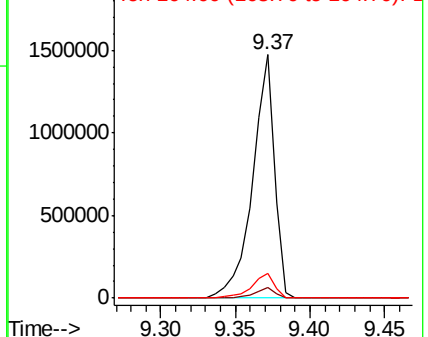
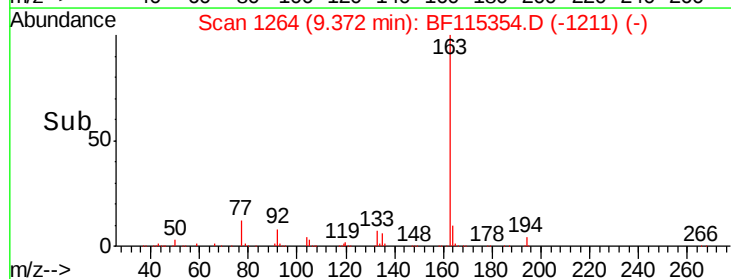


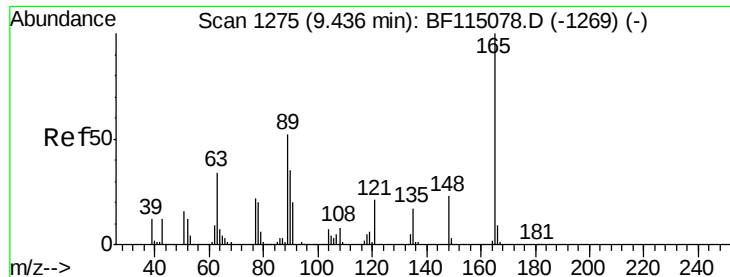
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

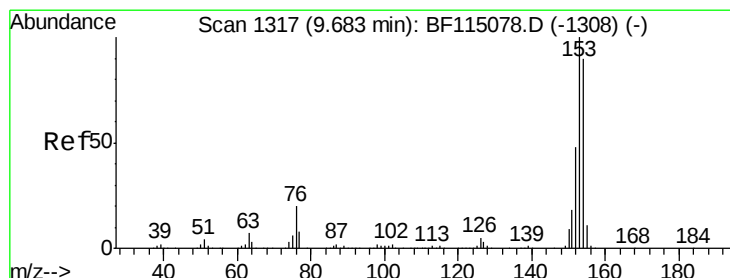
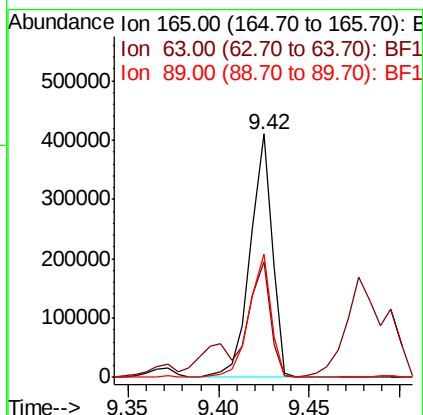
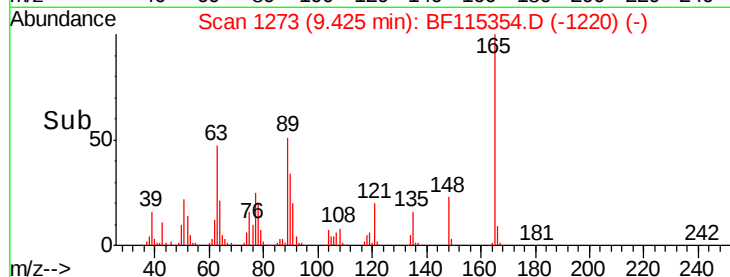
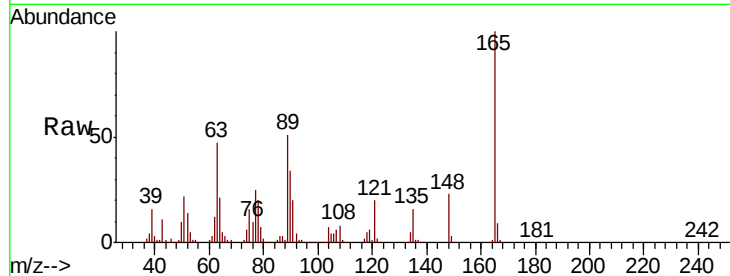




#51
2,6-Dinitrotoluene
Concen: 47.856 ng
RT: 9.42 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

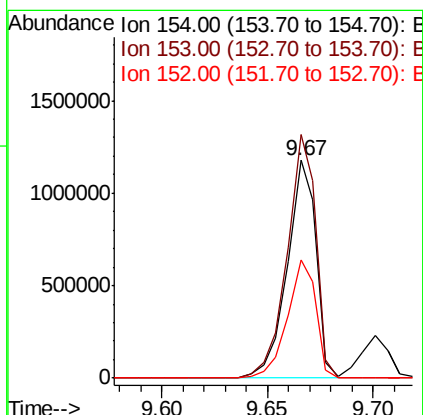
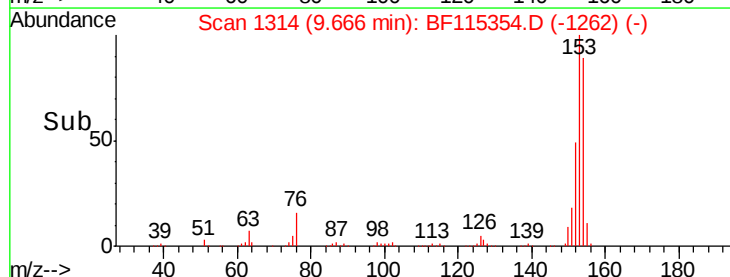
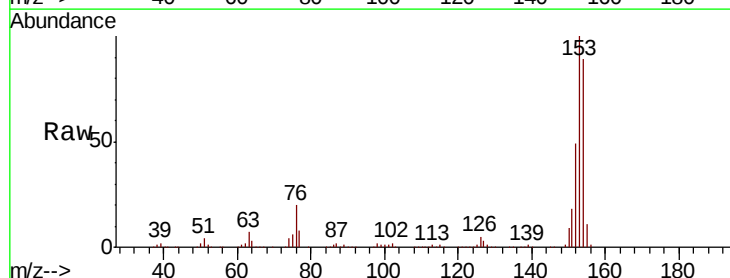
Instrument :
BNA_F
ClientSampleId :

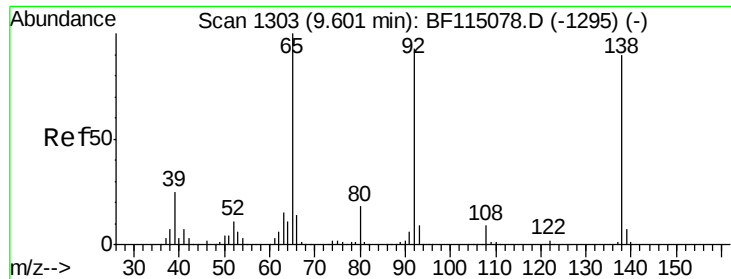
Tot Ion:165 Resp: 346781
Ion Ratio Lower Upper
165 100
63 47.5 39.4 59.2
89 50.8 42.0 63.0



#52
Acenaphthene
Concen: 41.671 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:154 Resp: 1124923
Ion Ratio Lower Upper
154 100
153 111.8 88.7 133.1
152 54.3 42.6 64.0

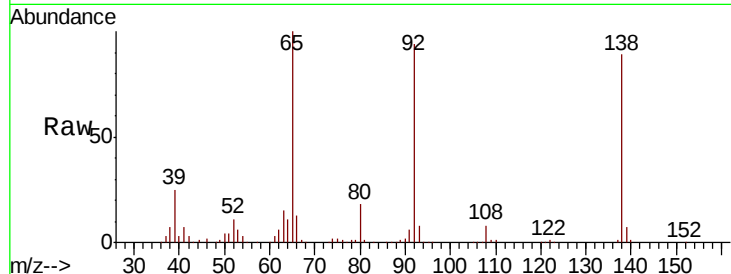




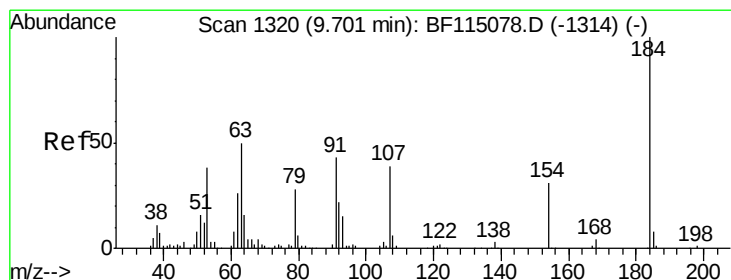
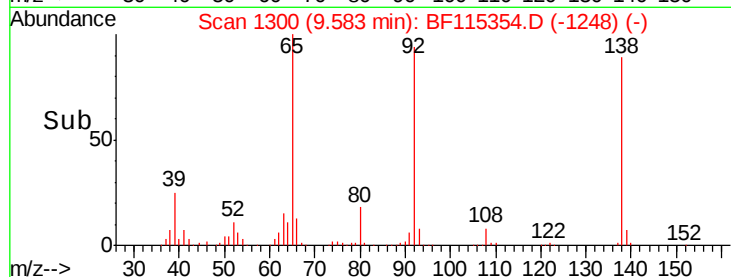
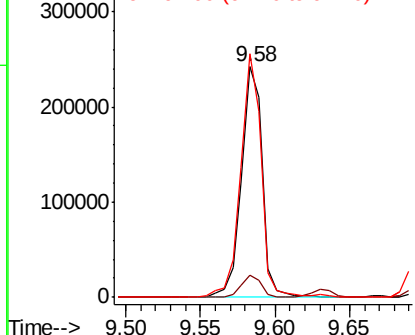
#53
3-Nitroaniline
Concen: 26.519 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 234504
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 105.6 82.9 124.3

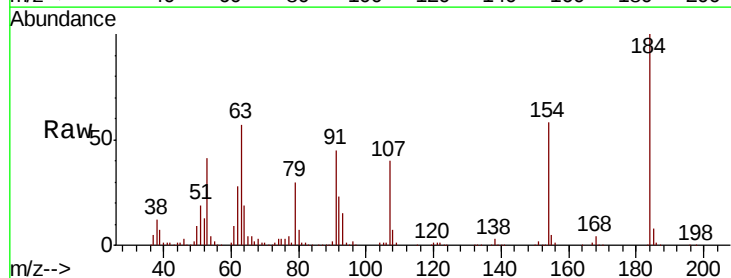


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

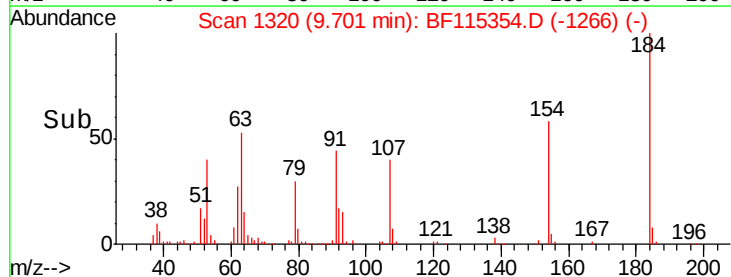
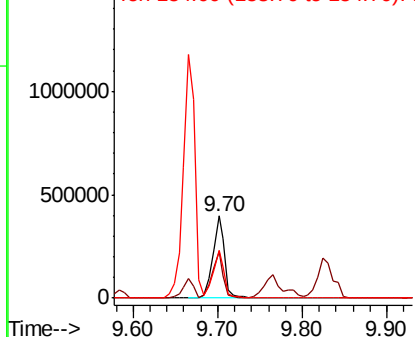


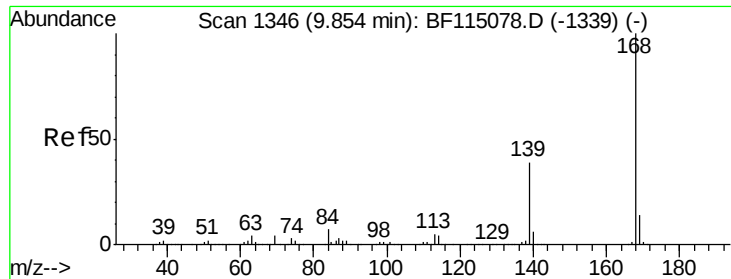
#54
2,4-Dinitrophenol
Concen: 104.123 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:184 Resp: 397337
Ion Ratio Lower Upper
184 100
63 56.6 41.9 62.9
154 58.4 44.7 67.1



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





#55

Dibenzofuran

Concen: 43.372 ng

RT: 9.84 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

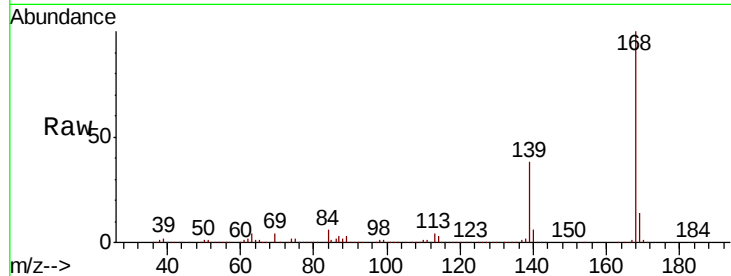
Tot Ion:168 Resp: 1680462

Ion Ratio Lower Upper

168 100

139 38.1 31.1 46.7

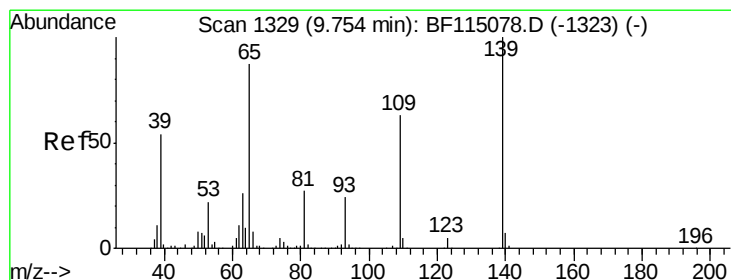
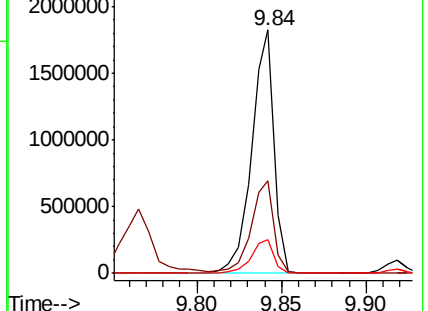
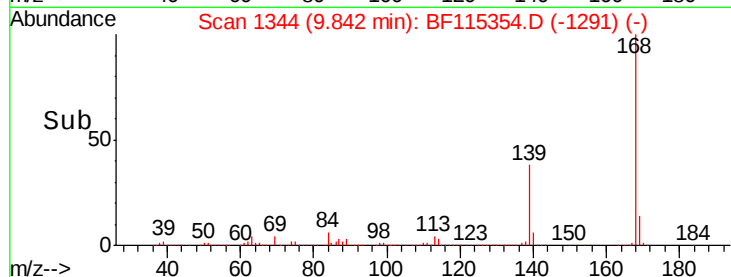
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.064 ng

RT: 9.77 min Scan# 1331

Delta R.T. 0.03 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

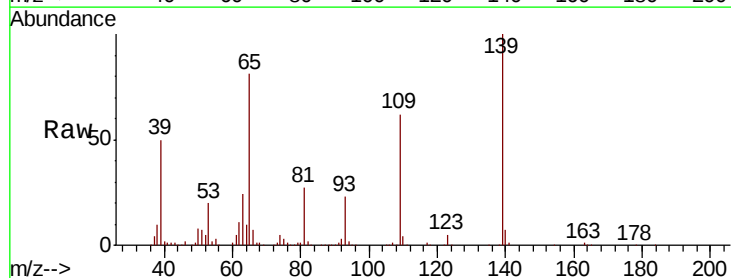
Tgt Ion:139 Resp: 603049

Ion Ratio Lower Upper

139 100

109 61.9 43.0 83.0

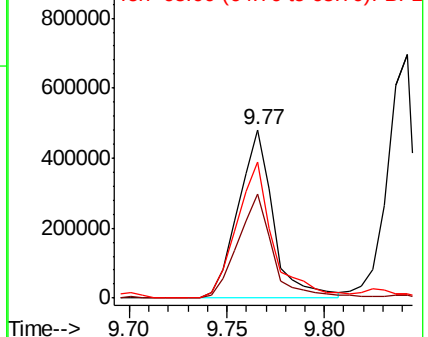
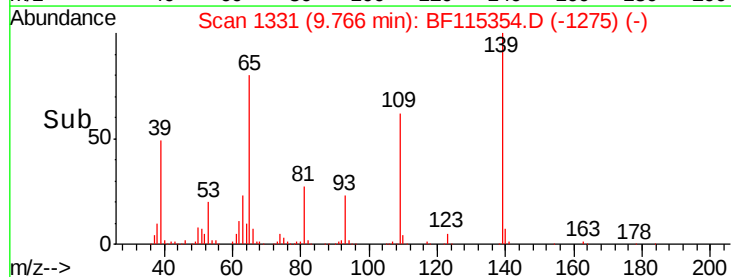
65 80.5 67.0 107.0

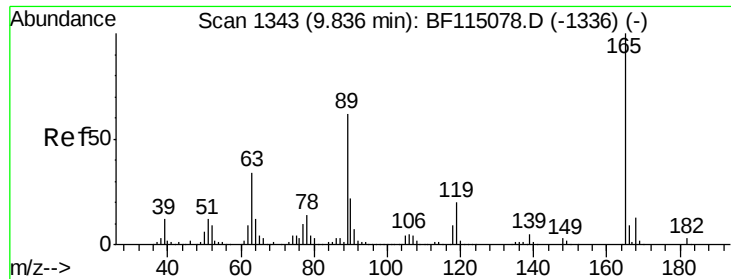


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

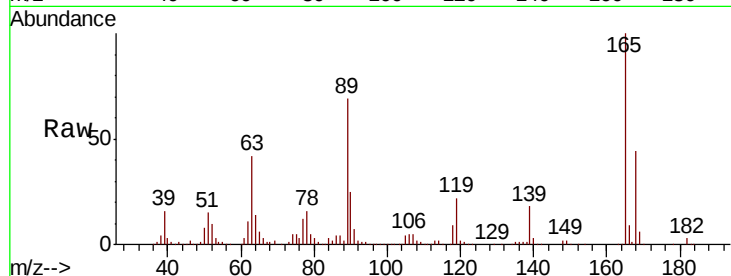




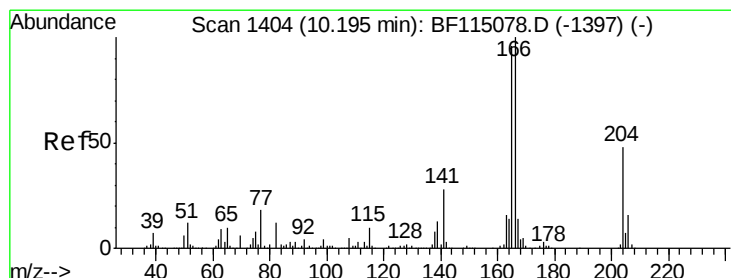
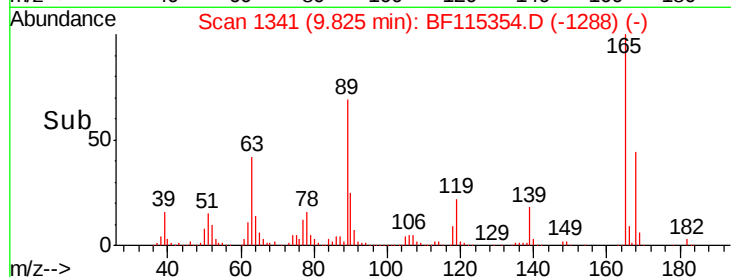
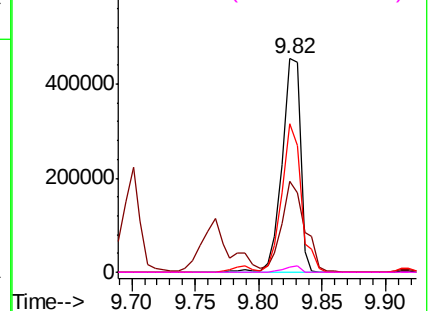
#57
2,4-Dinitrotoluene
Concen: 48.499 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	27.5	41.3#
89	69.5	49.9	74.9
182	2.6	2.1	3.1

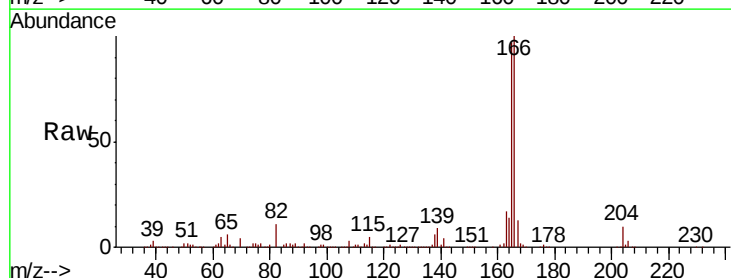


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

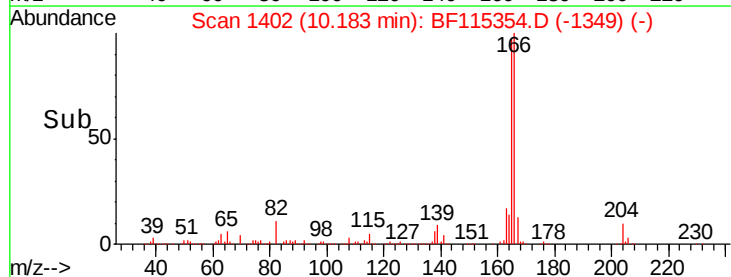
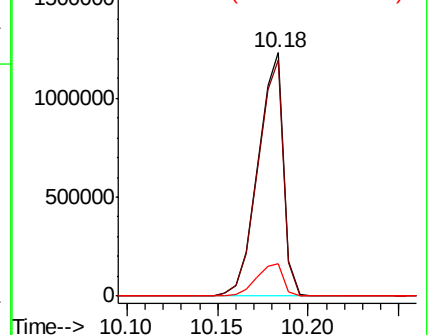


#58
Fluorene
Concen: 46.520 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.5	114.7
167	13.4	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

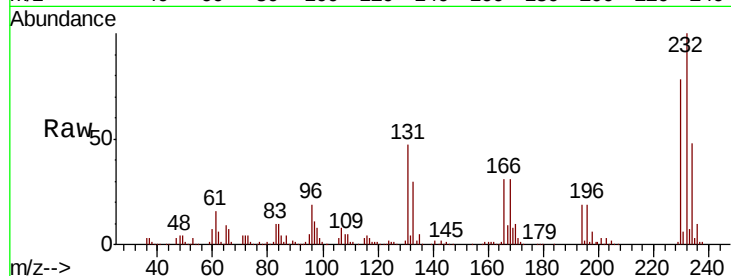




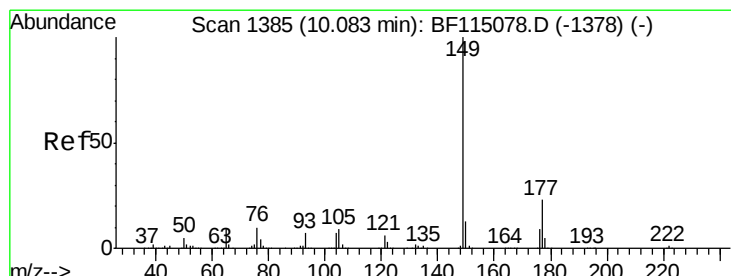
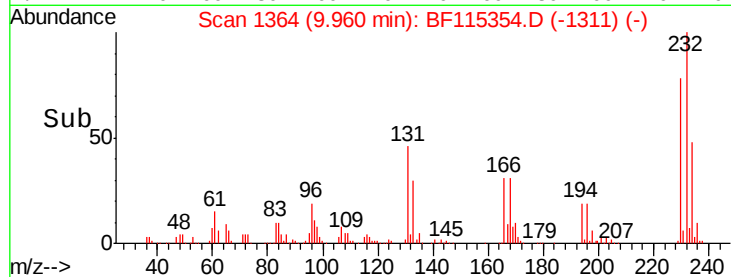
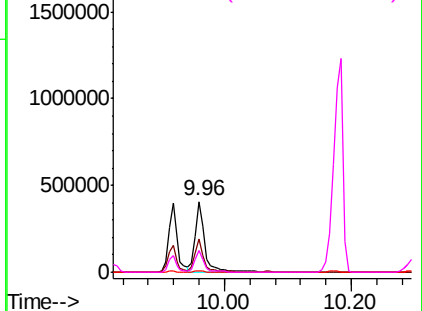
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.823 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	424536
Ion Ratio	Lower	Upper
232	100	
131	42.5	37.4 56.0
130	2.1	1.8 2.6
166	28.3	24.6 36.8

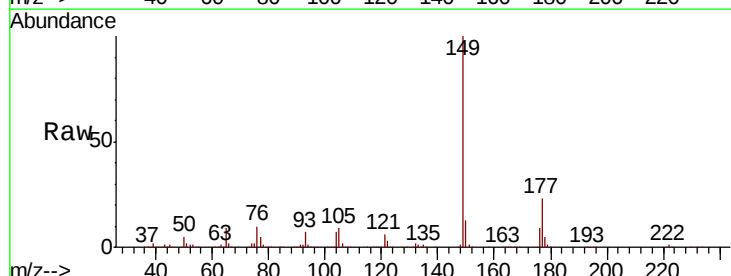


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

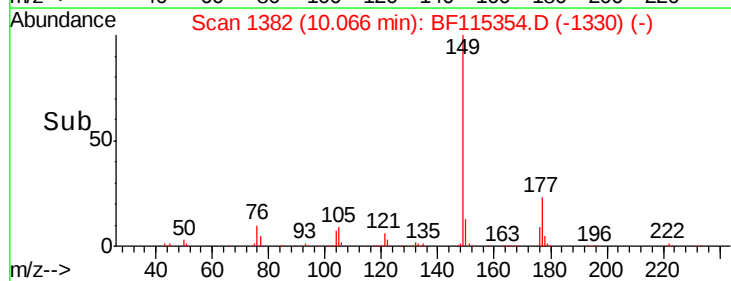
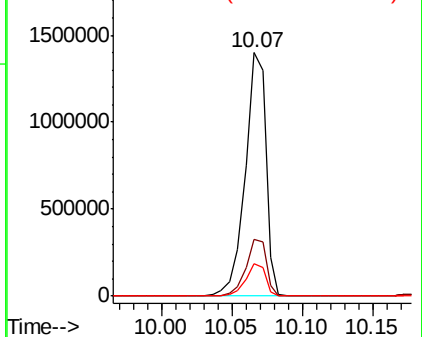


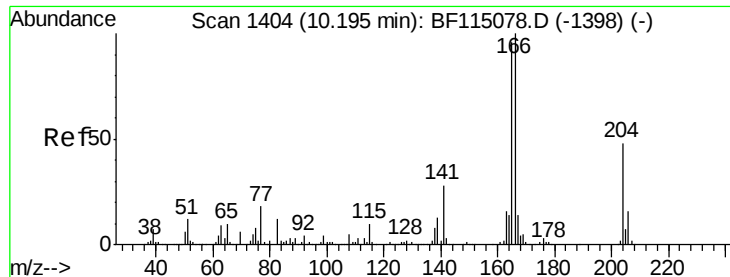
#60
 Diethylphthalate
 Concen: 45.656 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion:149	Resp:	1440462
Ion Ratio	Lower	Upper
149	100	
177	23.2	18.7 28.1
150	13.3	10.4 15.6



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

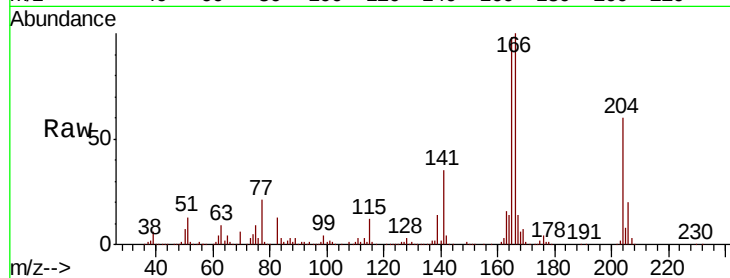




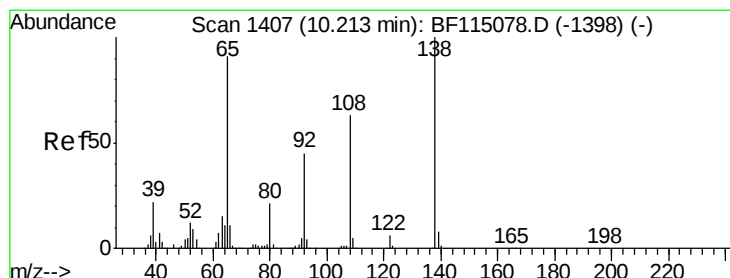
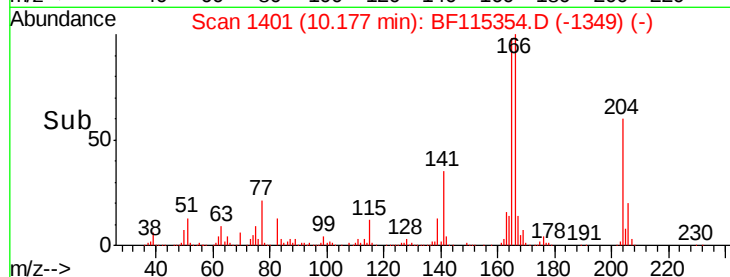
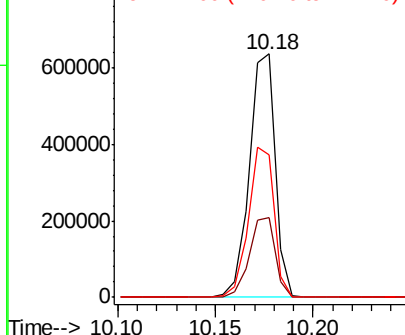
#61
4-Chlorophenyl-phenylether
Concen: 48.118 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 584096
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 58.7 46.7 70.1

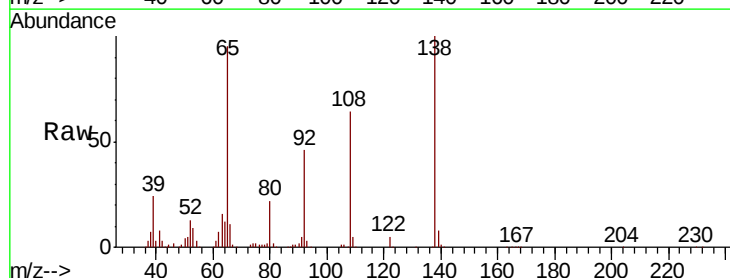


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

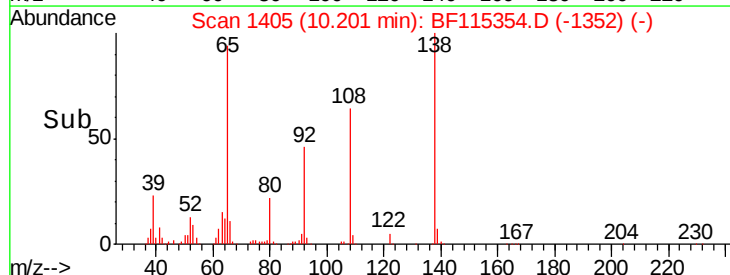
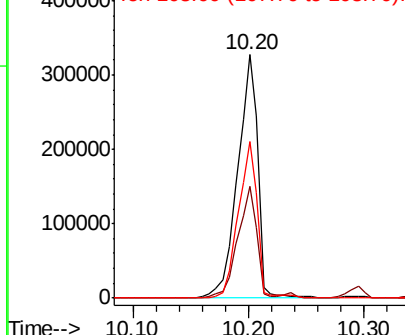


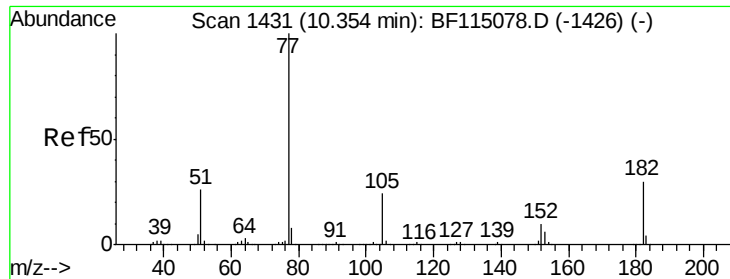
#62
4-Nitroaniline
Concen: 44.383 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:138 Resp: 393731
Ion Ratio Lower Upper
138 100
92 46.1 24.8 64.8
108 64.1 43.3 83.3



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





#63

Azobenzene

Concen: 43.971 ng

RT: 10.34 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1295796

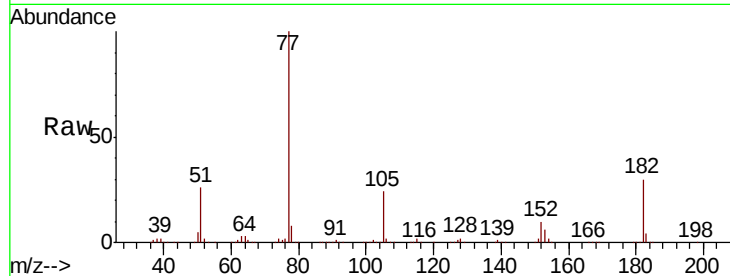
Ion	Ratio	Lower	Upper
77	100		
182	30.3	10.1	50.1
105	24.4	4.5	44.5
51	26.3	6.4	46.4

77 100

182 30.3 10.1 50.1

105 24.4 4.5 44.5

51 26.3 6.4 46.4

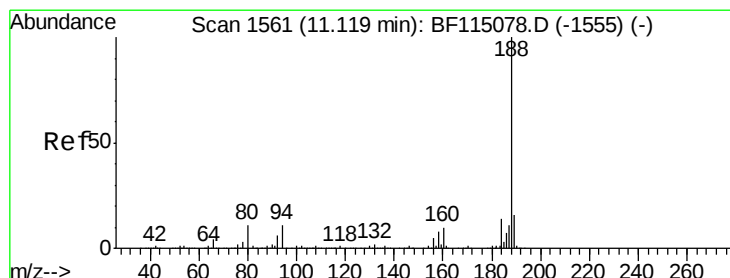
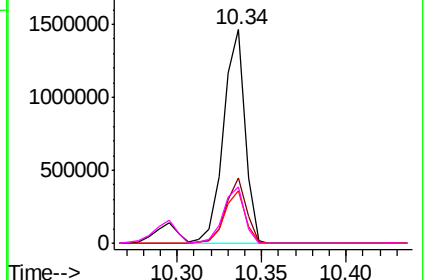
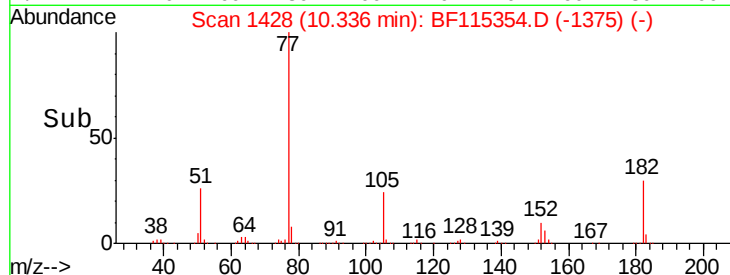


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

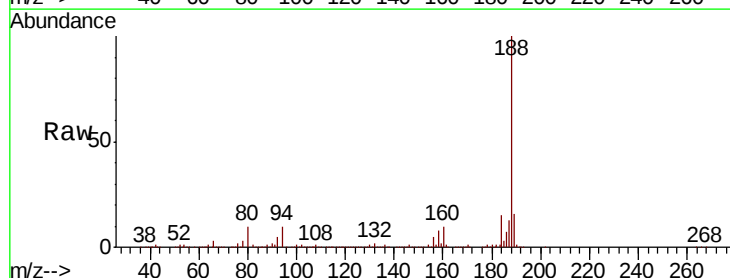
Tgt Ion: 188 Resp: 843675

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	12.8
80	10.3	8.8	13.2

188 100

94 9.7 8.6 12.8

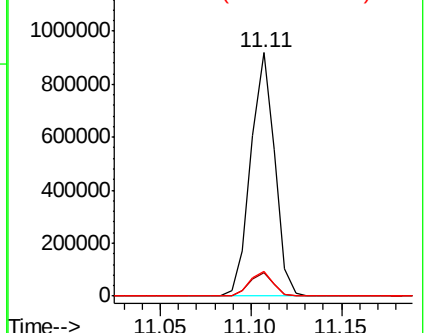
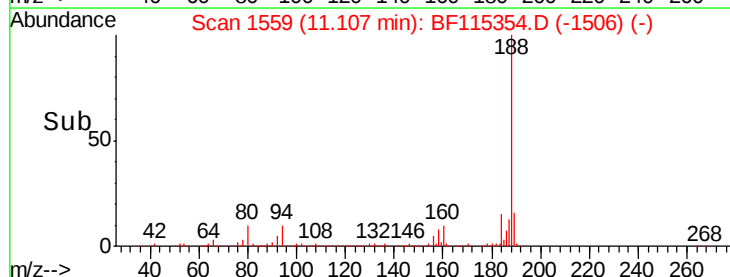
80 10.3 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

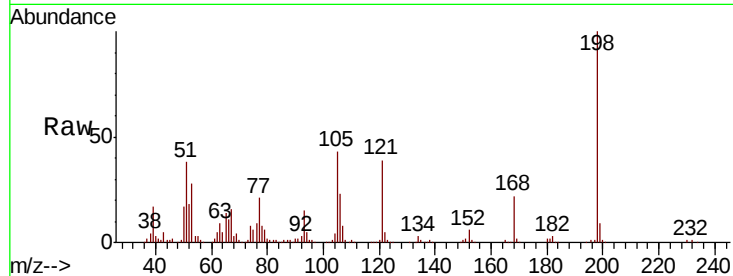




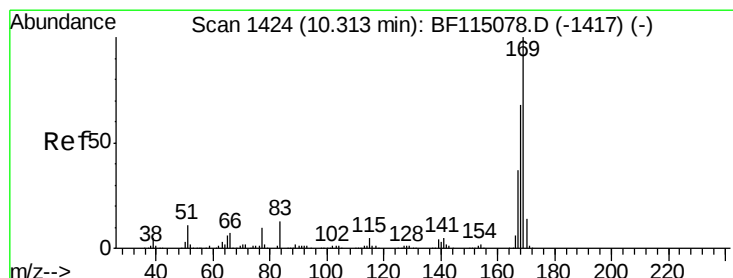
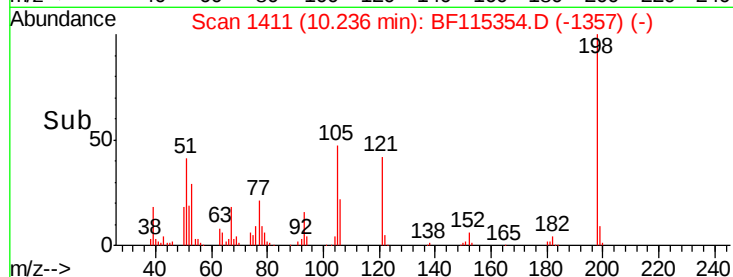
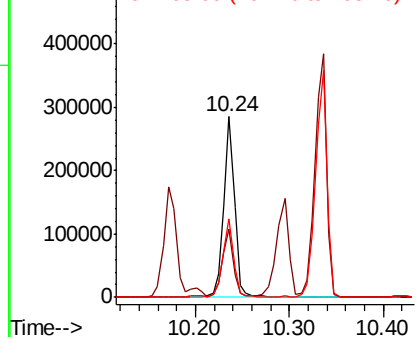
#65
4,6-Dinitro-2-methylphenol
Concen: 51.521 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 233103
Ion Ratio Lower Upper
198 100
51 38.2 11.0 51.0
105 43.4 17.3 57.3

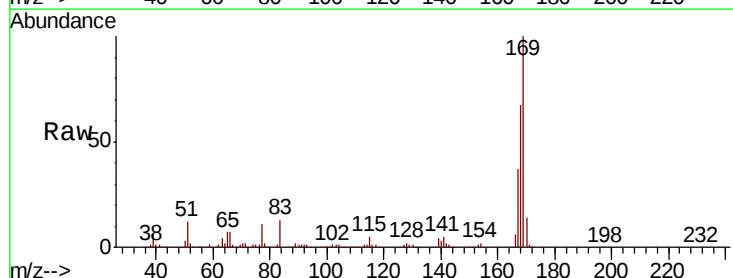


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

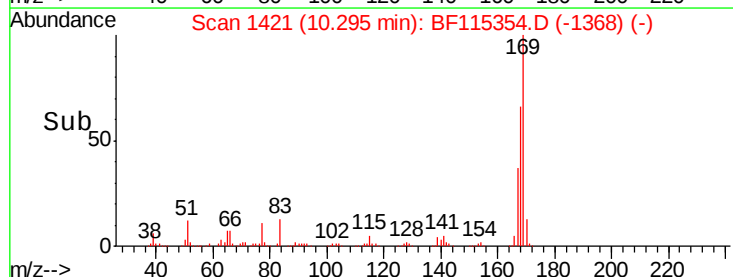
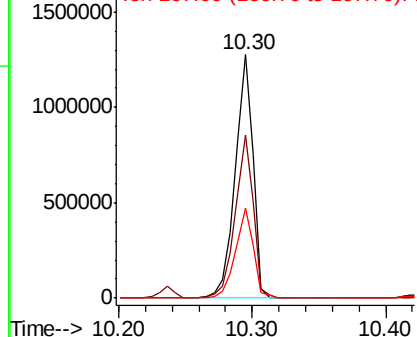


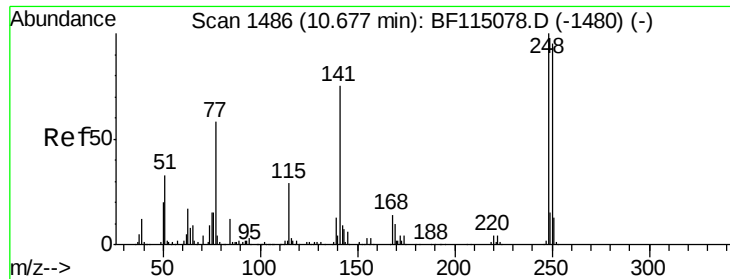
#66
n-Nitrosodiphenylamine
Concen: 45.722 ng
RT: 10.30 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:169 Resp: 1201791
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

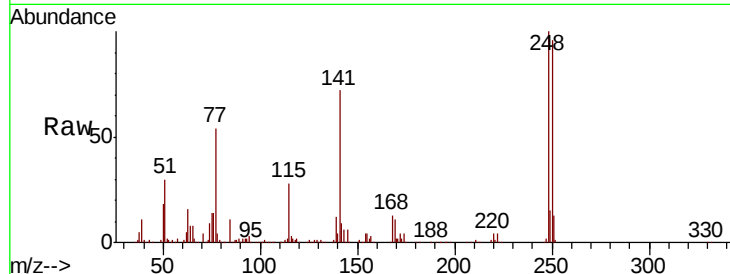




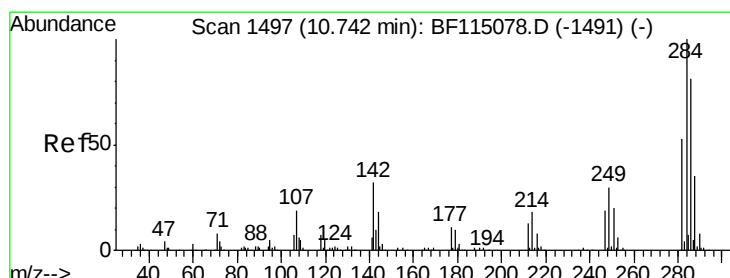
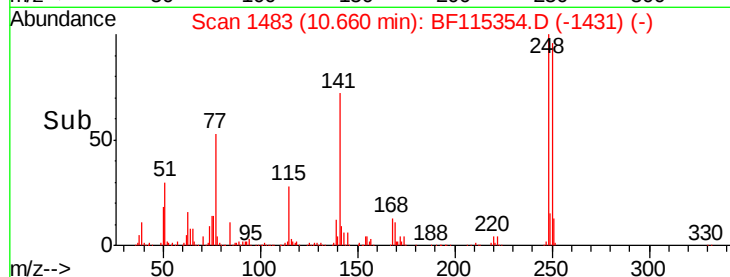
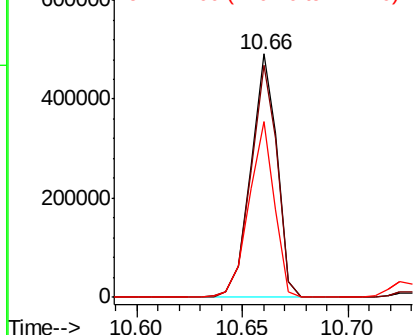
#67
4-Bromophenyl-phenylether
Concen: 46.264 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 423181
Ion Ratio Lower Upper
248 100
250 95.5 76.2 114.2
141 72.3 59.6 89.4

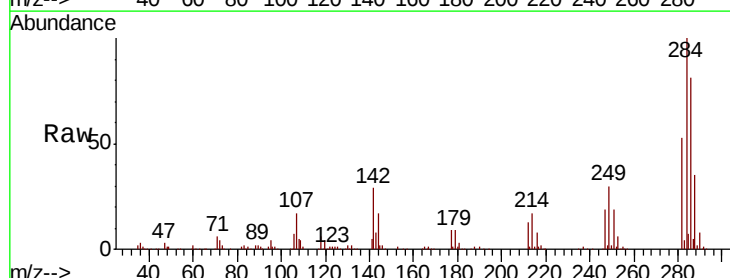


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

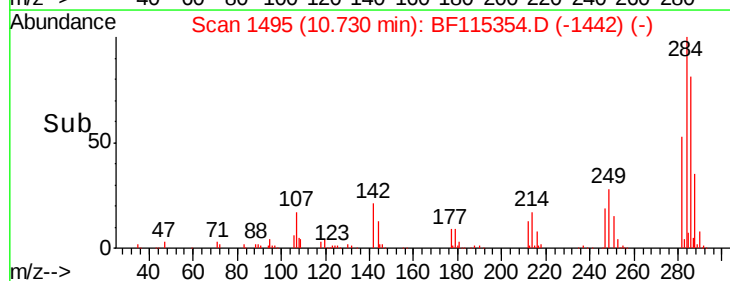
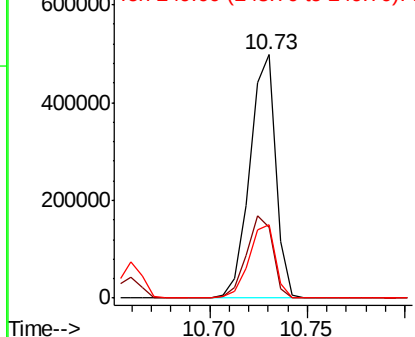


#68
Hexachlorobenzene
Concen: 46.176 ng
RT: 10.73 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:284 Resp: 458471
Ion Ratio Lower Upper
284 100
142 28.9 25.8 38.8
249 30.1 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

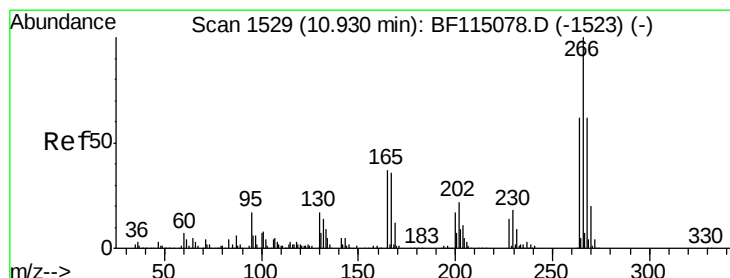
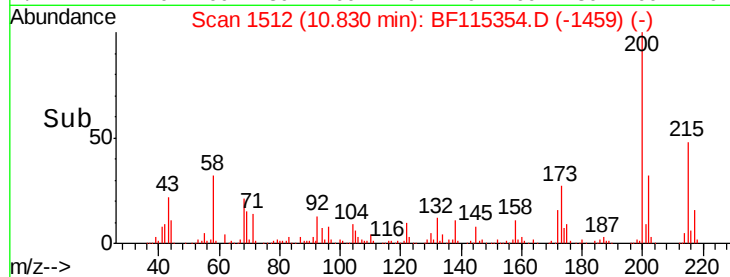
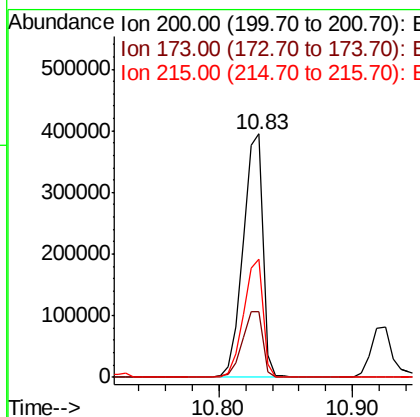
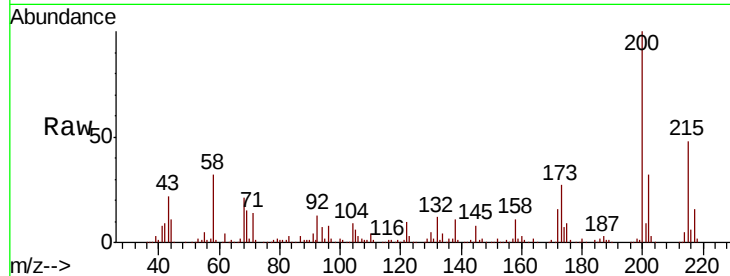




#69
 Atrazine
 Concen: 47.768 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

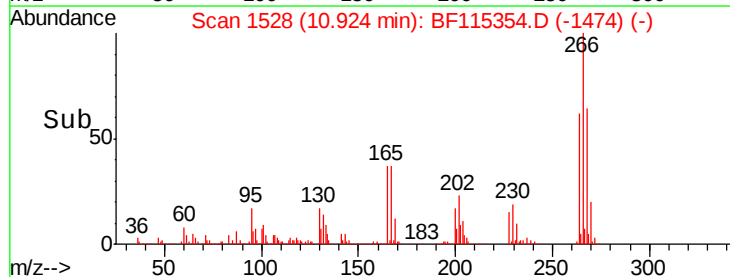
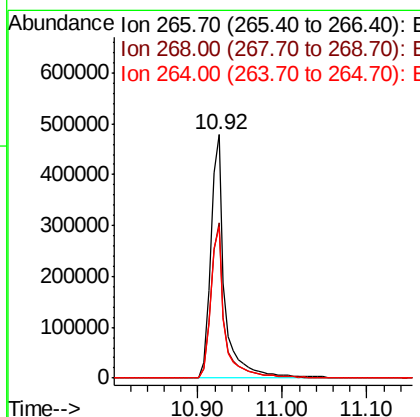
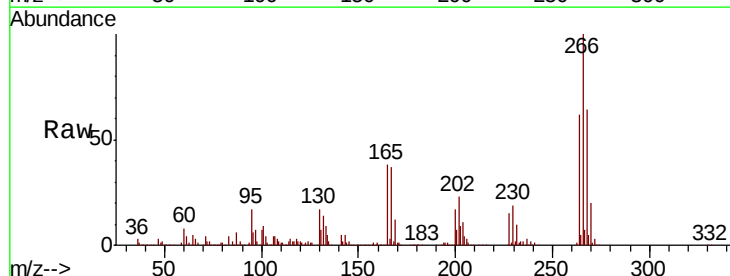
Instrument :
 BNA_F
 ClientSampleId :

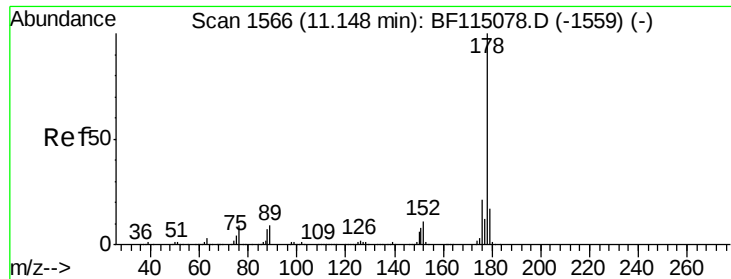
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	48.4	27.8	67.8



#70
 Pentachlorophenol
 Concen: 89.085 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. 0.02 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.5	74.3
264	62.2	49.3	73.9

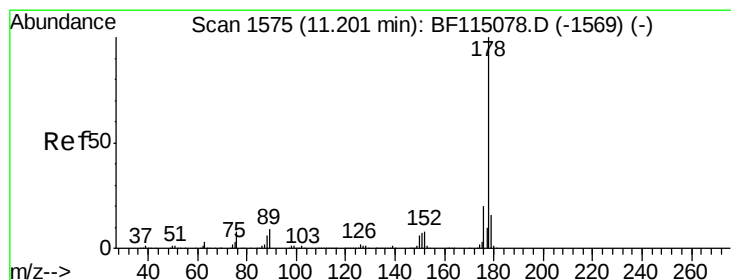
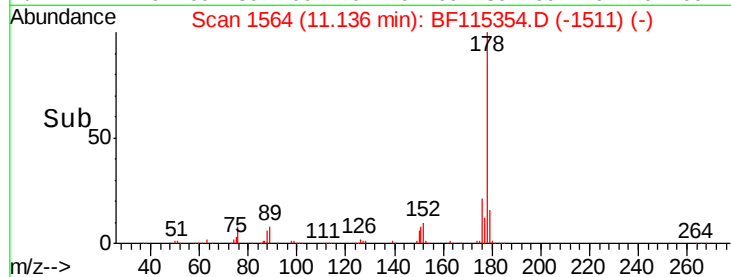
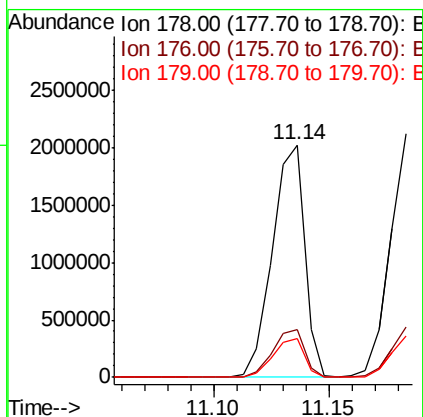
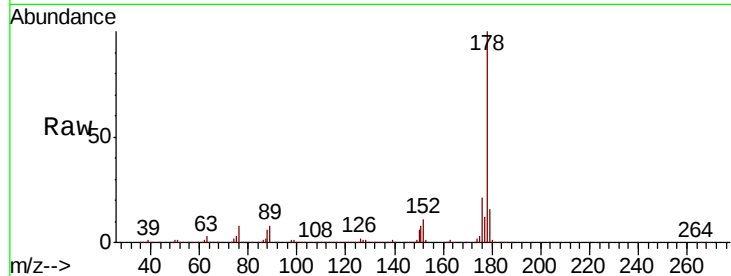




#71
Phenanthrene
Concen: 43.329 ng
RT: 11.14 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

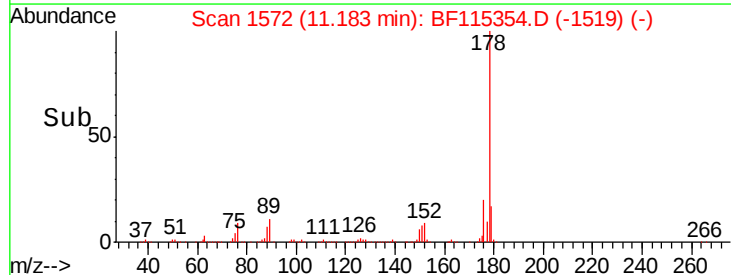
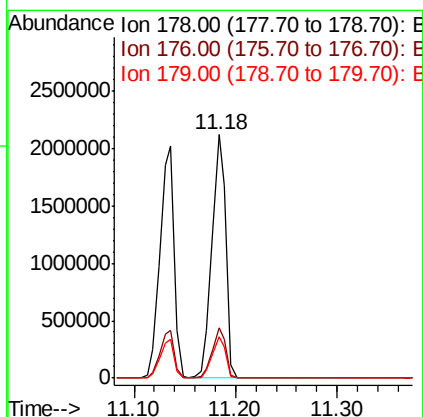
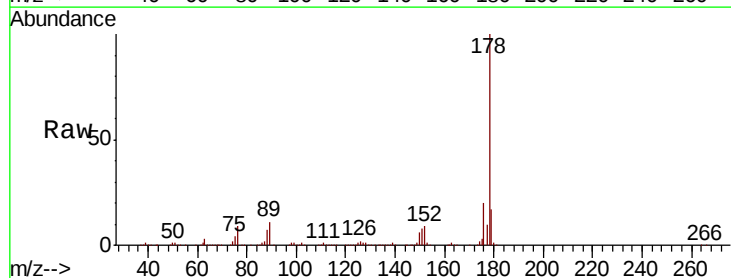
Instrument :
BNA_F
ClientSampleId :

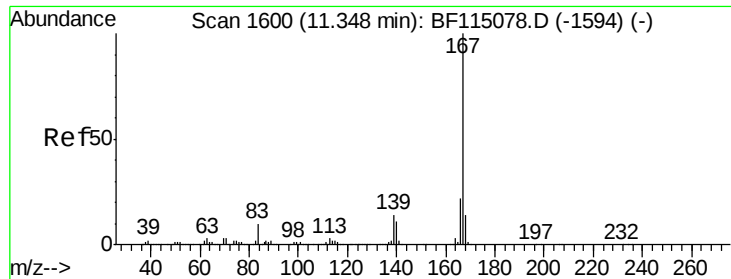
Tot Ion:178 Resp: 1968187
Ion Ratio Lower Upper
178 100
176 20.8 16.9 25.3
179 16.4 13.2 19.8



#72
Anthracene
Concen: 44.059 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:178 Resp: 2020233
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.8 12.9 19.3

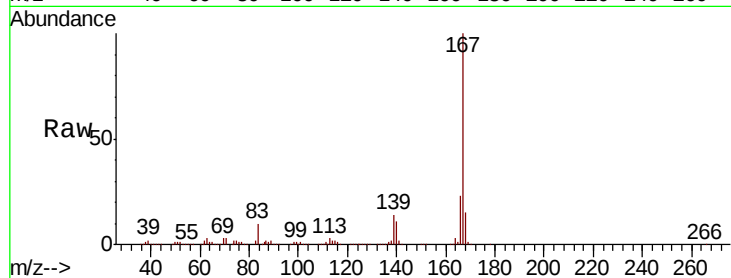




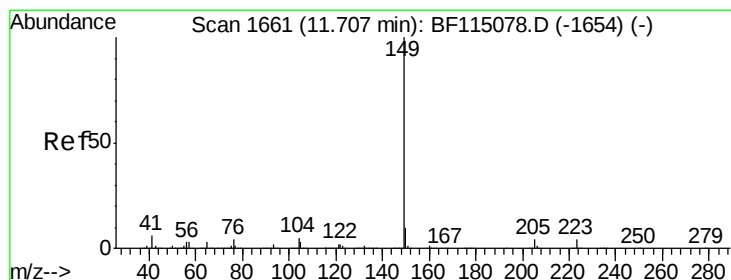
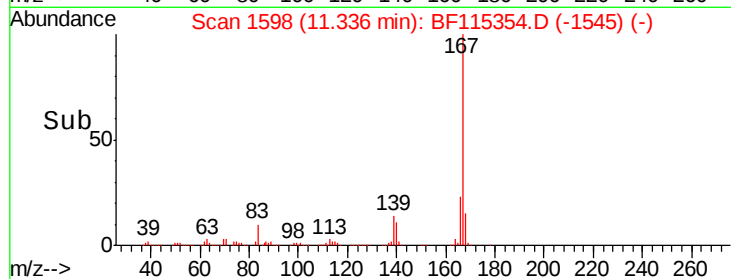
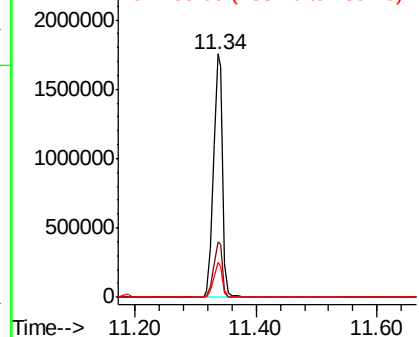
#73
 Carbazole
 Concen: 45.566 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1865694
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.4 11.1 16.7

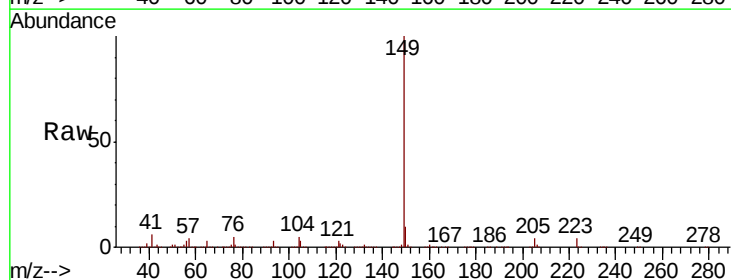


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

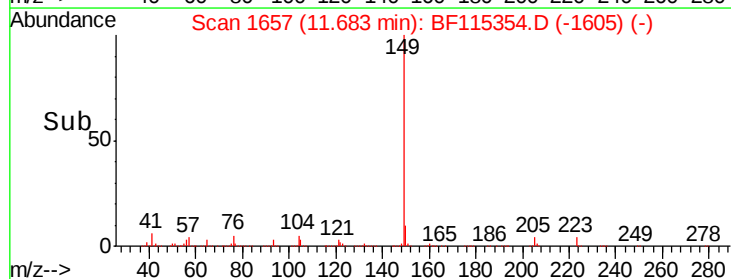
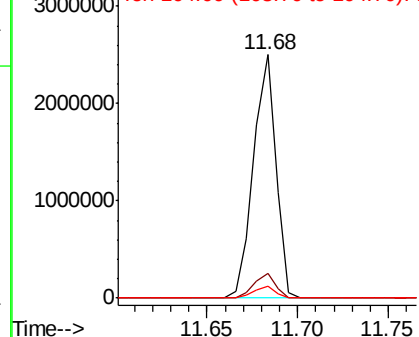


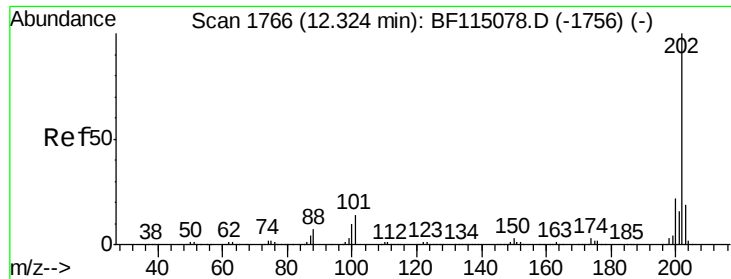
#74
 Di-n-butylphthalate
 Concen: 45.703 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion:149 Resp: 2162399
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 4.8 3.7 5.5



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





#75

Fluoranthene

Concen: 45.314 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

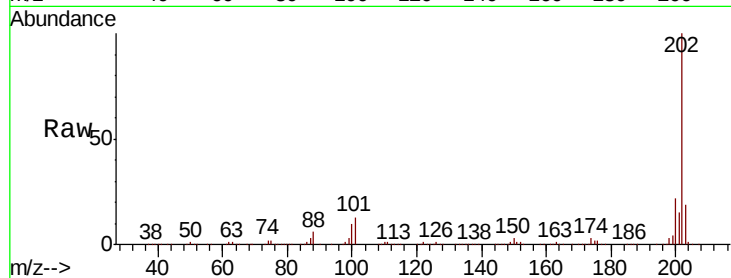
Tot Ion:202 Resp: 2053750

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.0

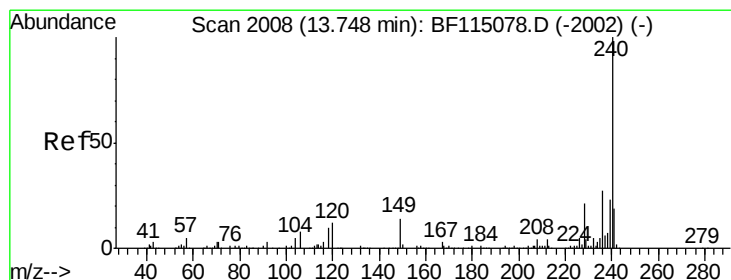
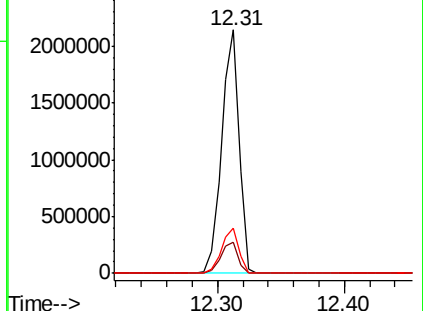
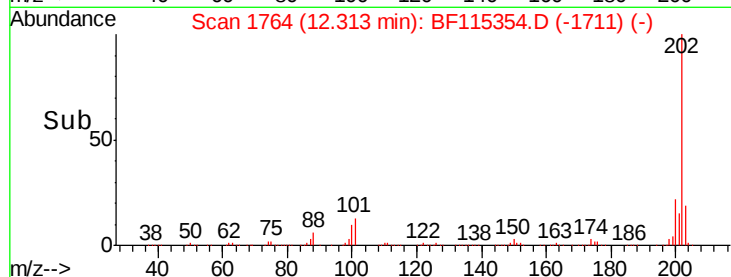
203 18.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

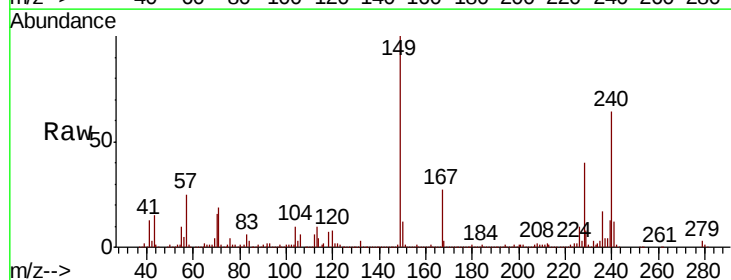
Tgt Ion:240 Resp: 540922

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

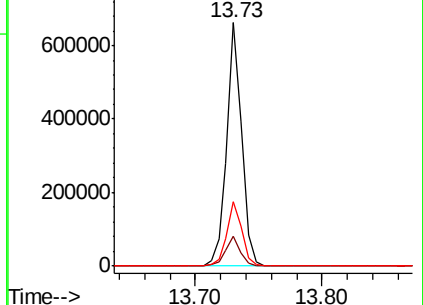
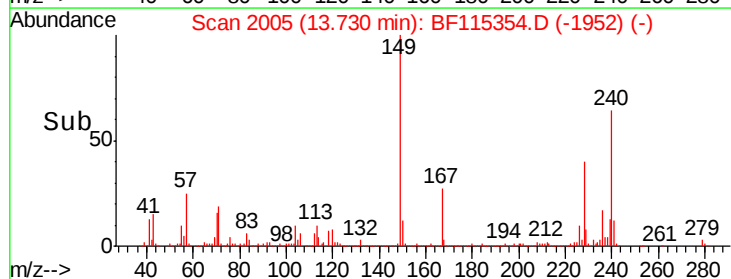
236 26.5 21.7 32.5

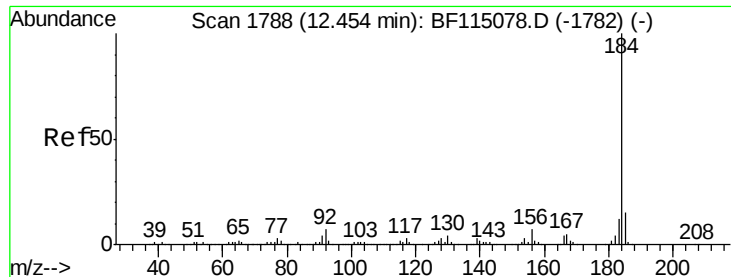


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.436 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

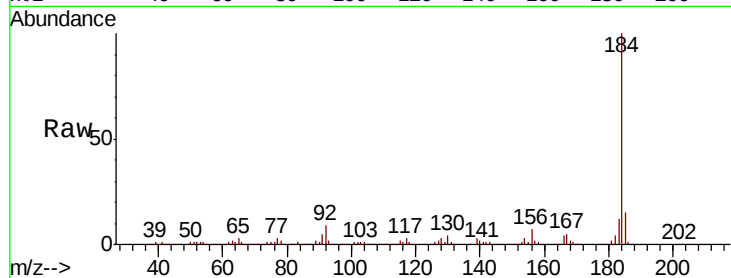
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 586939

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	11.8	9.6	14.4

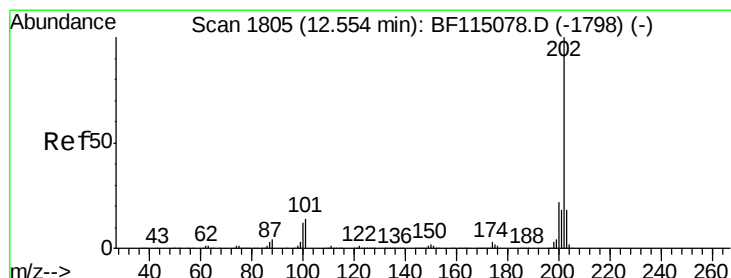
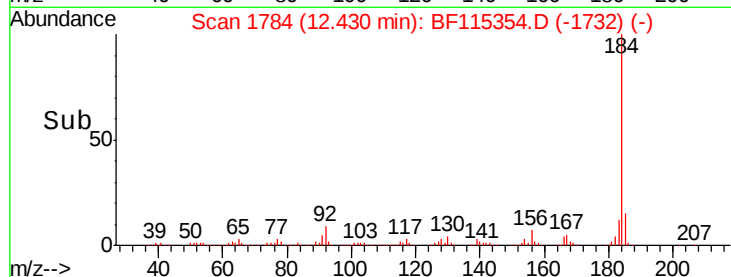
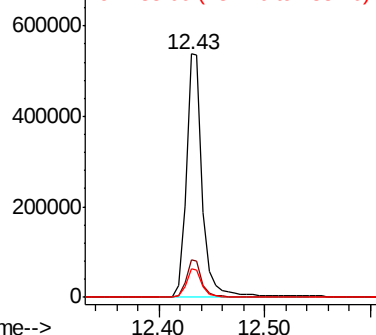


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.507 ng

RT: 12.54 min Scan# 1802

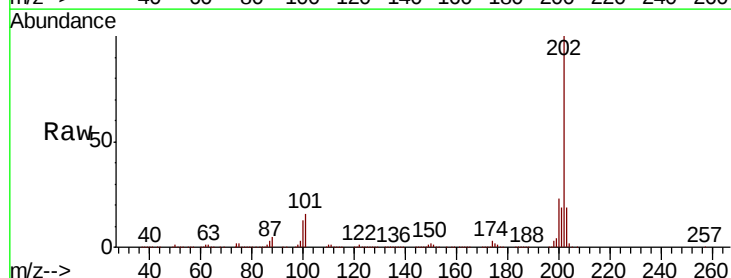
Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Tgt Ion:202 Resp: 2099595

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.9	26.9
203	18.8	14.6	21.8

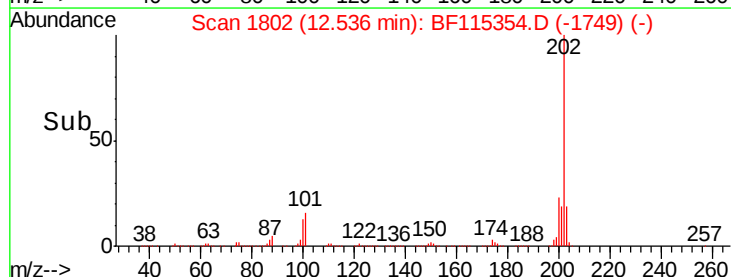
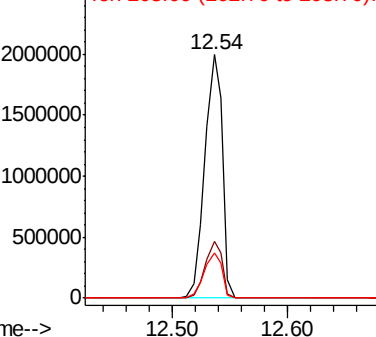


Abundance

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: 102.233 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

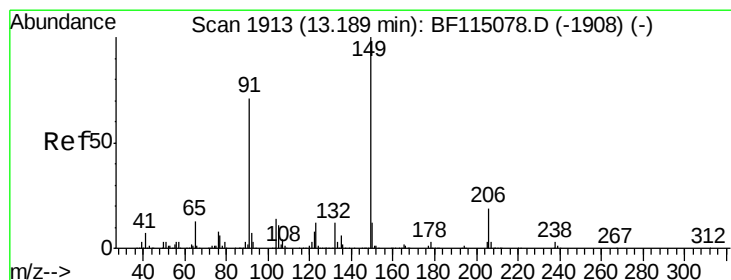
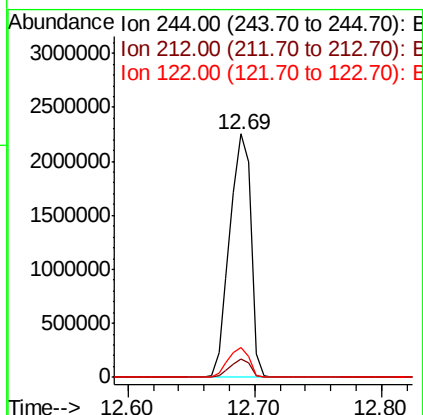
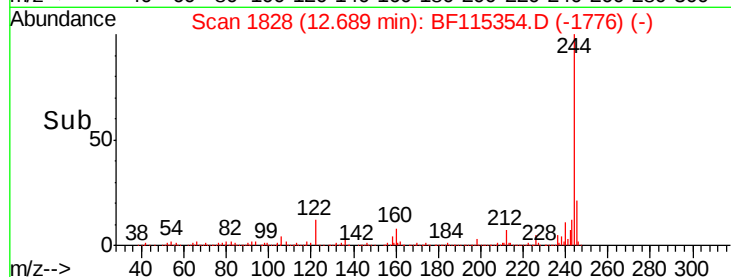
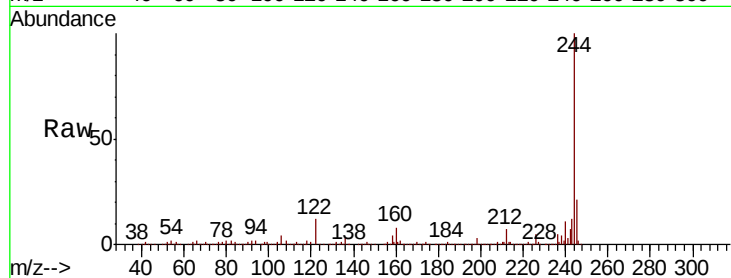
Tot Ion:244 Resp: 2600952

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 12.1 10.4 15.6



#80

Butylbenzylphthalate

Concen: 53.867 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

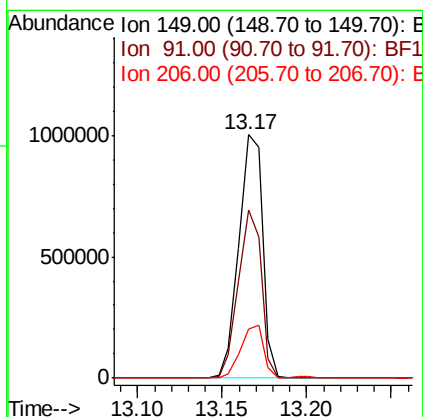
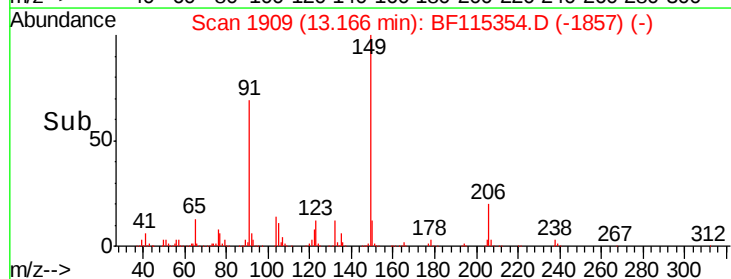
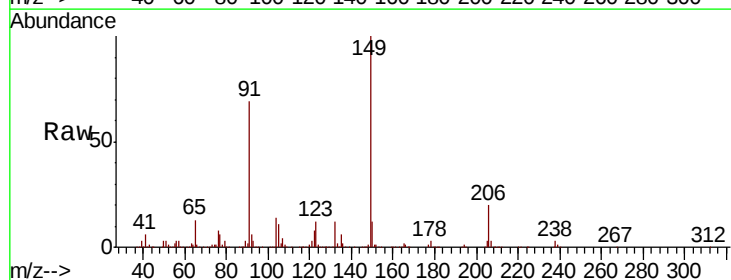
Tgt Ion:149 Resp: 988203

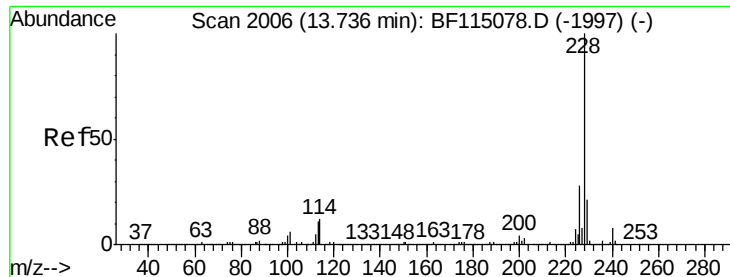
Ion Ratio Lower Upper

149 100

91 68.9 56.5 84.7

206 20.3 15.3 22.9





#81

Benzo(a)anthracene

Concen: 48.435 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

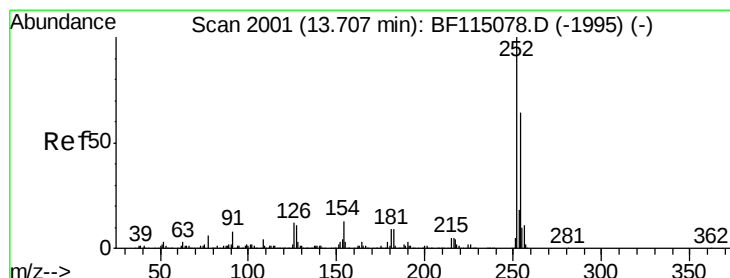
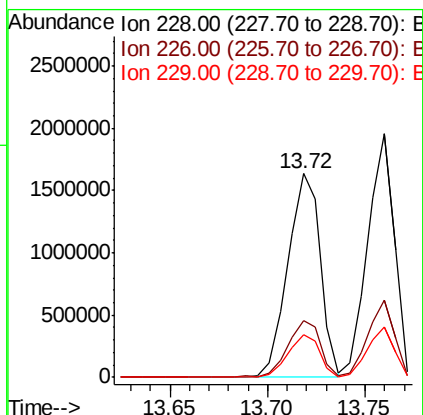
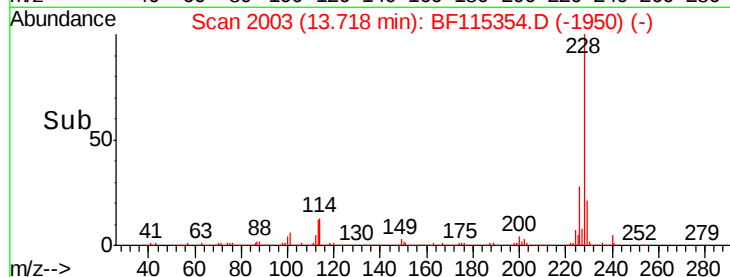
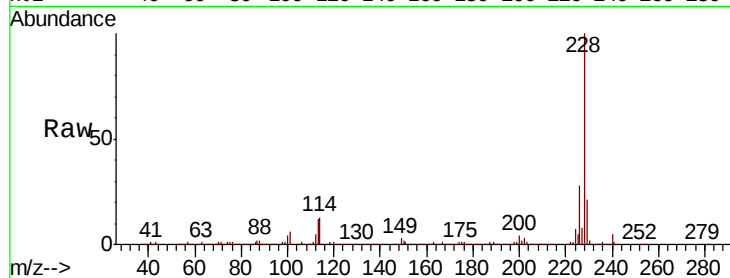
Tot Ion:228 Resp: 1879900

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

229 20.7 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 40.047 ng

RT: 13.69 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

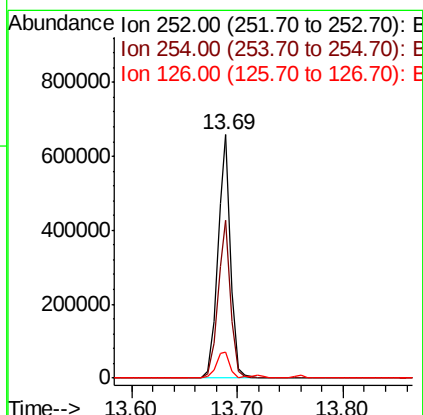
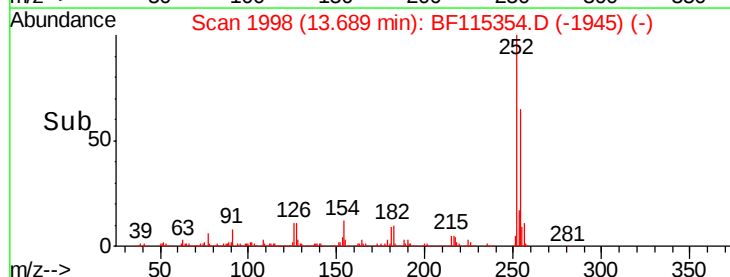
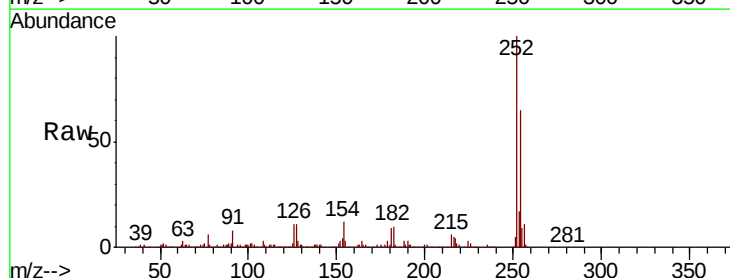
Tgt Ion:252 Resp: 561300

Ion Ratio Lower Upper

252 100

254 64.8 51.1 76.7

126 10.9 9.4 14.0

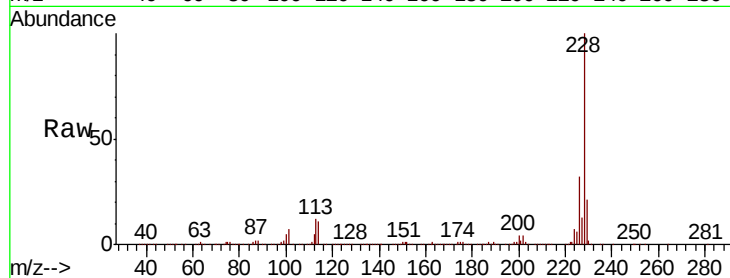




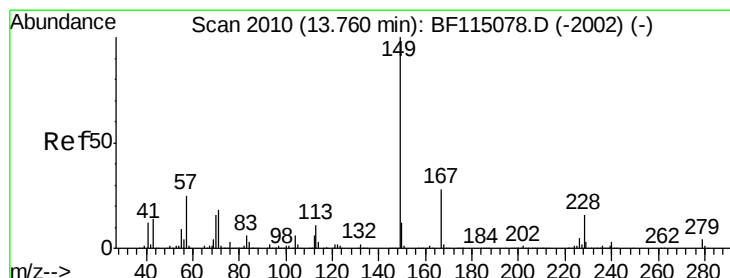
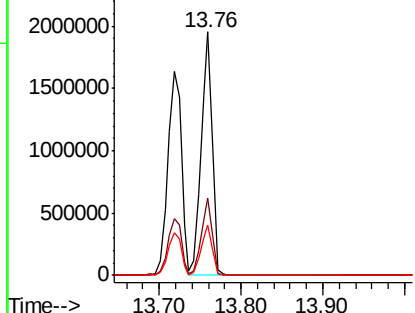
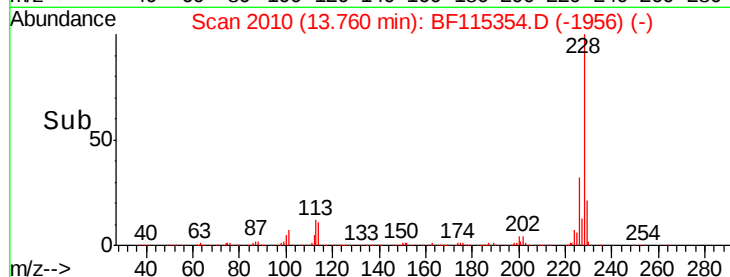
#83
 Chrysene
 Concen: 52.260 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. 0.02 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1858024
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.4 38.0
 229 20.6 16.5 24.7

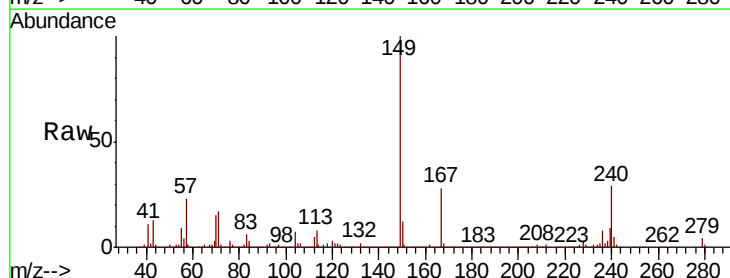


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

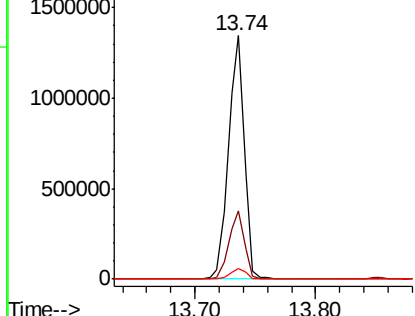
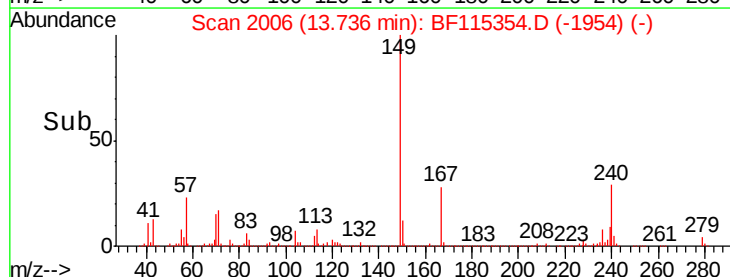


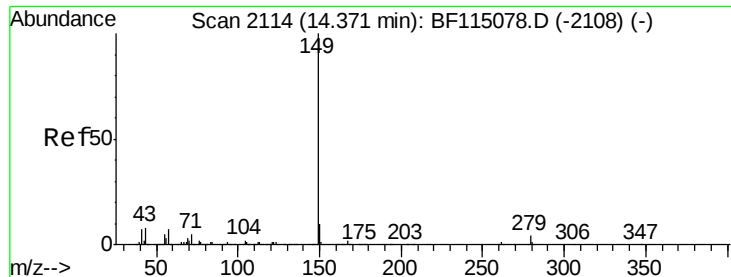
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.706 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF115354.D
 Acq: 2 Jul 2019 10:43

Tgt Ion:149 Resp: 1218884
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.2 33.4
 279 4.4 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.579 ng

RT: 14.35 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

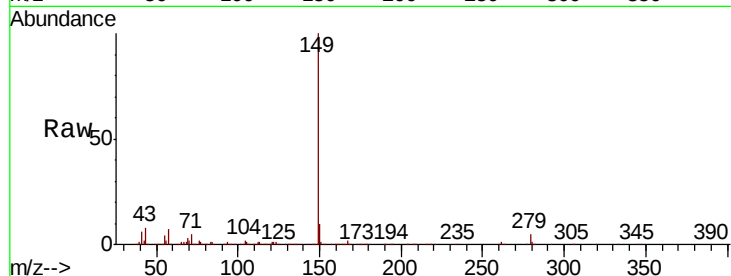
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 2204351

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	7.0	10.6

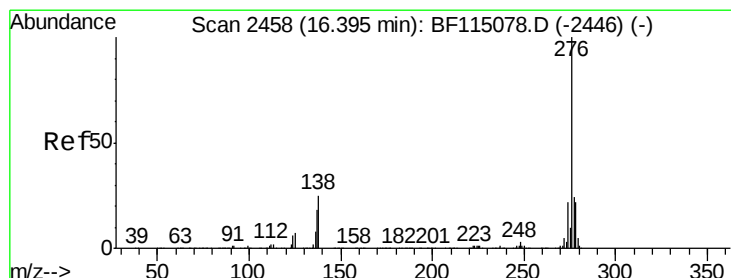
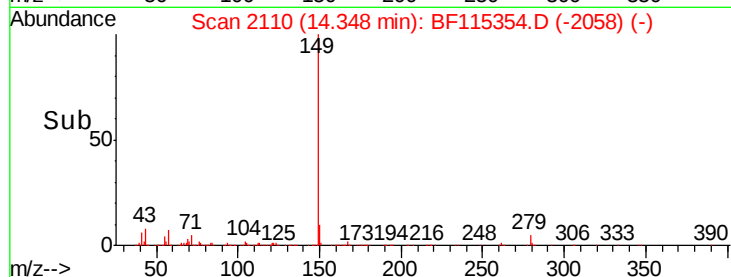
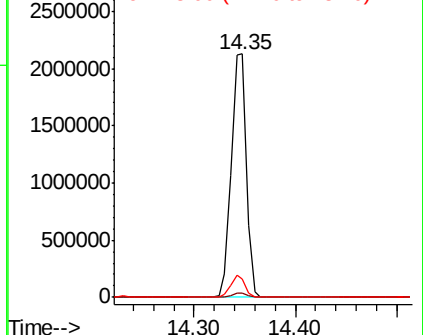


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.410 ng

RT: 16.38 min Scan# 2456

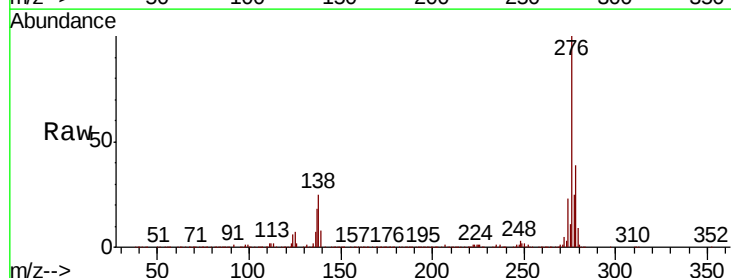
Delta R.T. 0.03 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Tgt Ion:276 Resp: 2246986

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.2	34.8
277	25.6	20.1	30.1

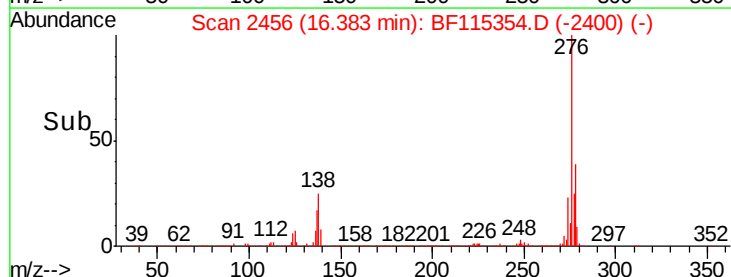
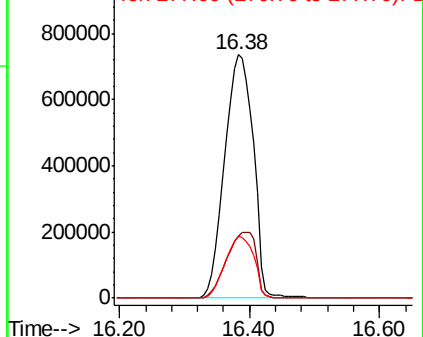


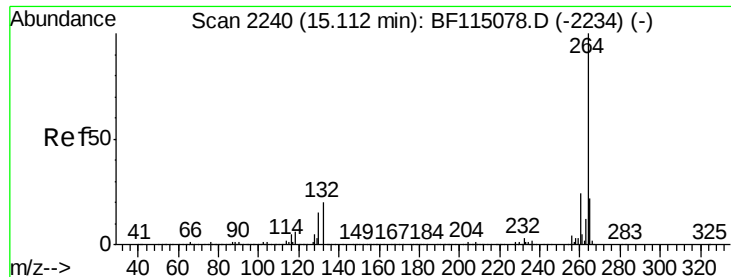
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

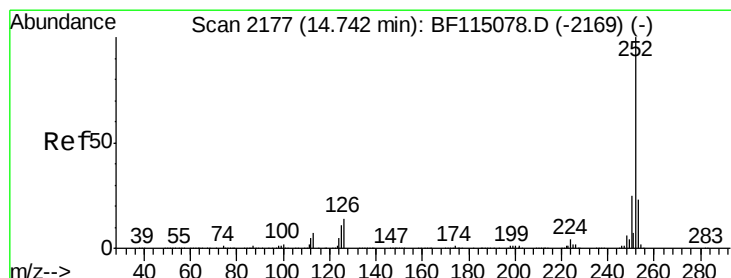
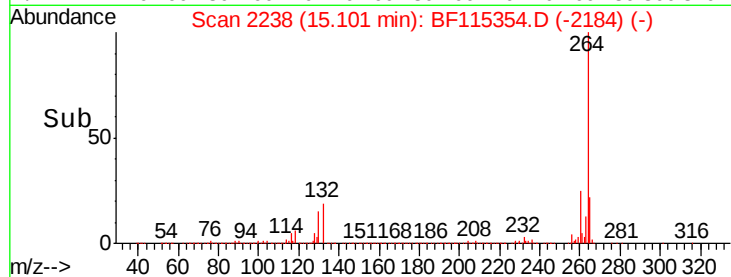
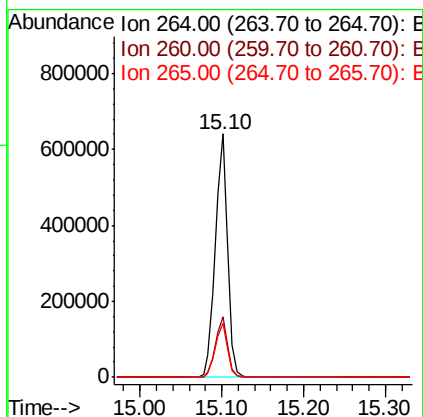
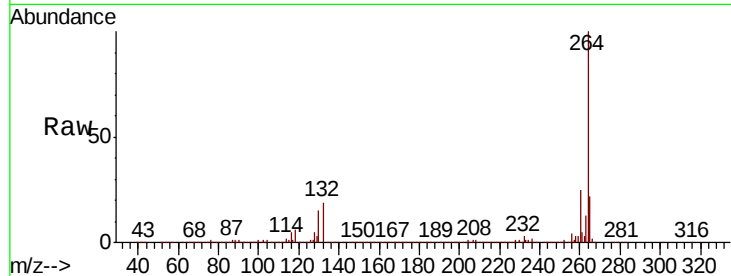




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

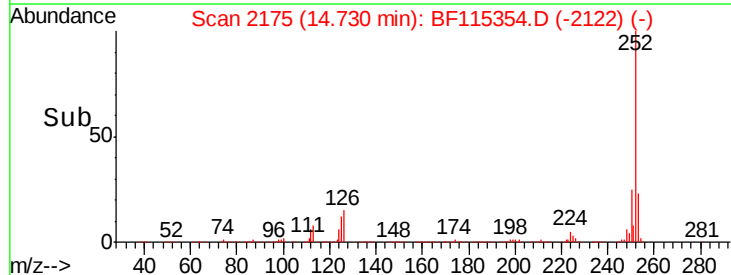
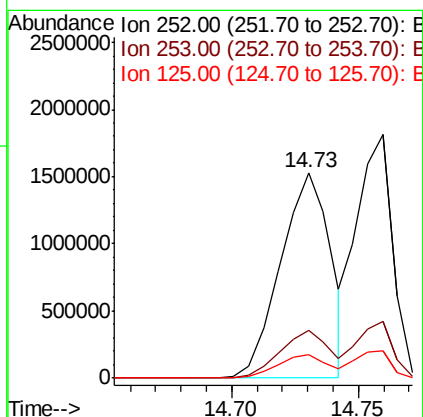
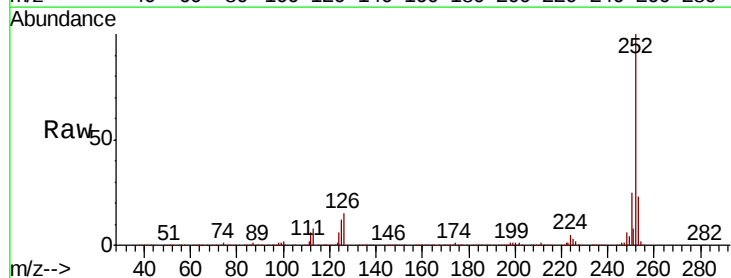
Instrument :
BNA_F
ClientSampleId :

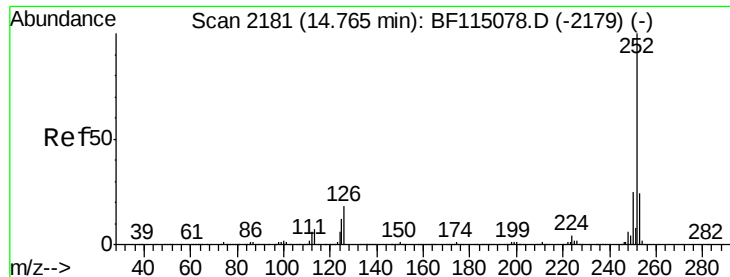
Tot Ion:264 Resp: 678125
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.2 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 49.457 ng
RT: 14.73 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:252 Resp: 2092662
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.6 8.7 13.1

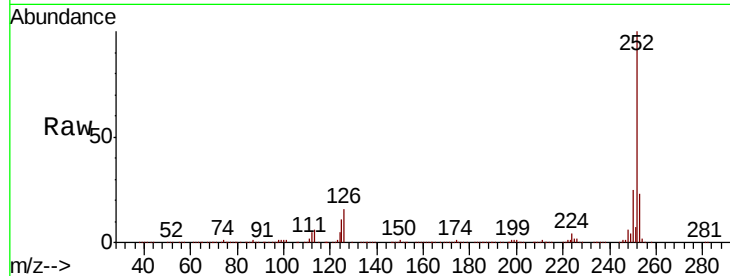




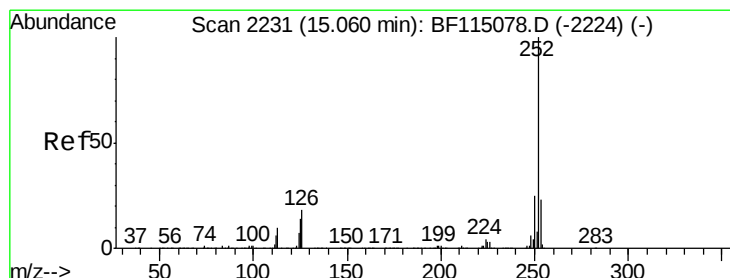
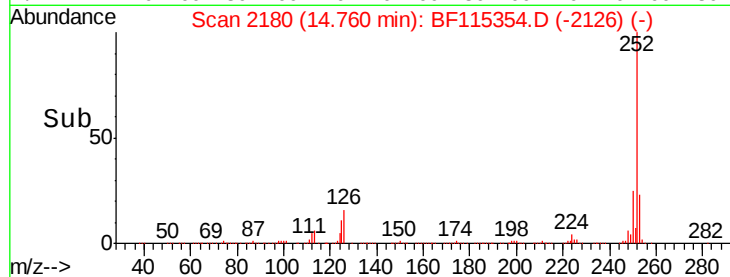
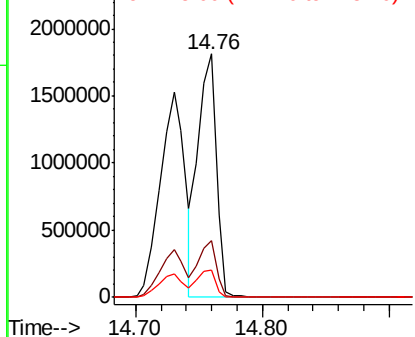
#89
Benzo(k)fluoranthene
Concen: 47.436 ng
RT: 14.76 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1800001
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.0 10.2 15.2

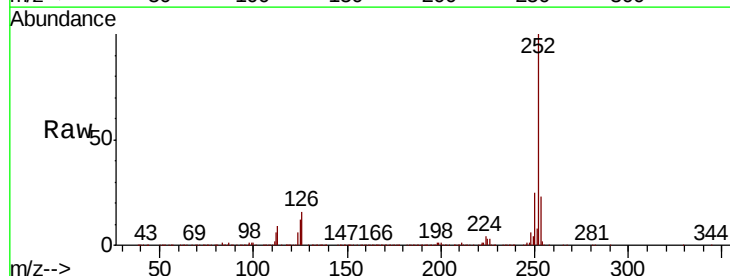


Abundance Ion 252.00 (251.70 to 252.70): E
2500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

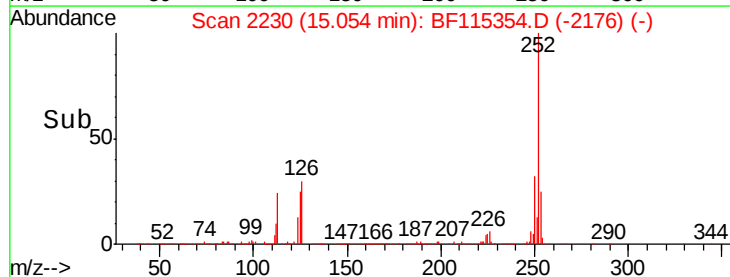
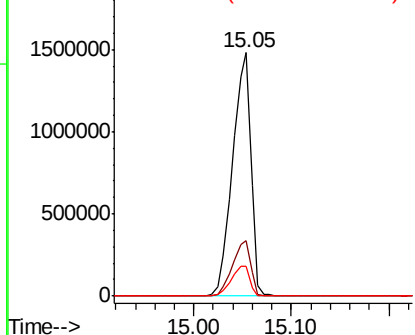


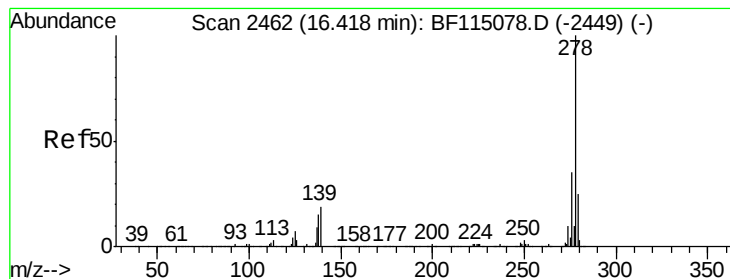
#90
Benzo(a)pyrene
Concen: 50.650 ng
RT: 15.05 min Scan# 2230
Delta R.T. 0.02 min
Lab File: BF115354.D
Acq: 2 Jul 2019 10:43

Tgt Ion:252 Resp: 1931653
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.2 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
2000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.216 ng

RT: 16.41 min Scan# 2460

Delta R.T. 0.04 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

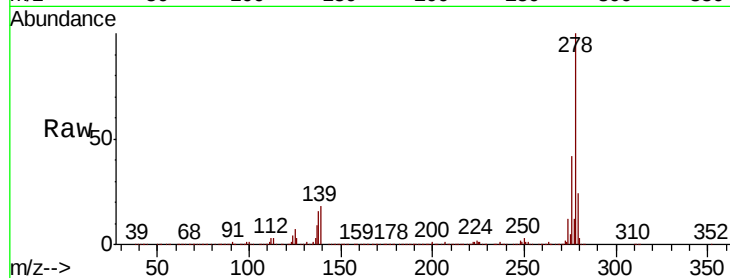
Tot Ion:278 Resp: 1823472

Ion Ratio Lower Upper

278 100

139 17.9 15.4 23.2

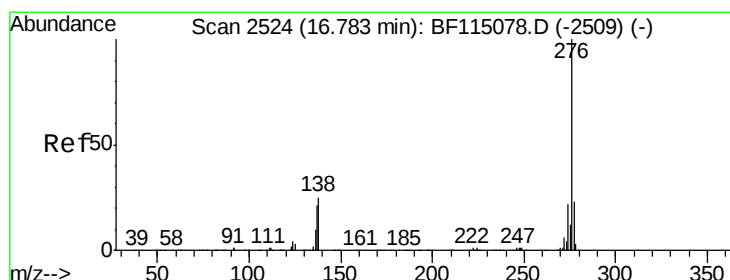
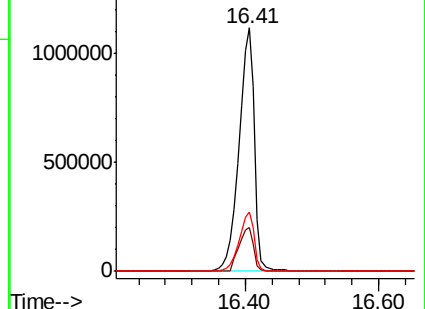
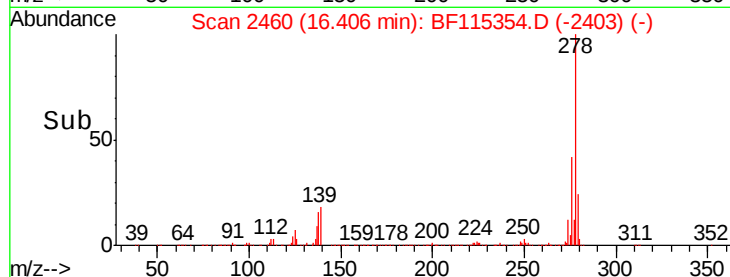
279 24.3 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.850 ng

RT: 16.77 min Scan# 2522

Delta R.T. 0.04 min

Lab File: BF115354.D

Acq: 2 Jul 2019 10:43

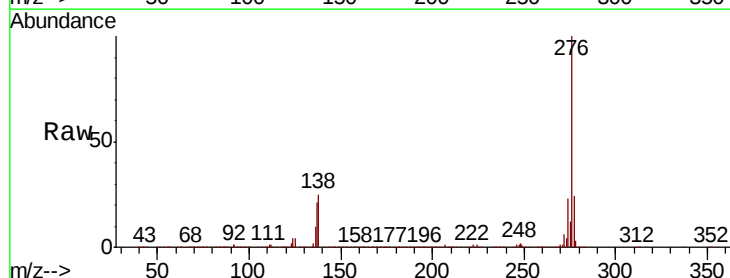
Tgt Ion:276 Resp: 1904448

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 24.5 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

