

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115110.D
 Acq On : 22 Jun 2019 10:31
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 24 04:31:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	205852	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	867365	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	431987	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	853688	20.00	ng	0.00
76) Chrysene-d12	13.73	240	635605	20.00	ng	-0.02
87) Perylene-d12	15.09	264	751708	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1020896	76.53	ng	0.00
7) Phenol-d6	6.25	99	1356344	83.77	ng	0.00
23) Nitrobenzene-d5	7.18	82	1181312	83.78	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	398155	87.40	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2150371	84.56	ng	-0.01
79) Terphenyl-d14	12.70	244	2428468	81.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.18	88	166969	26.522	ng	93
3) Pyridine	2.84	79	434795	24.504	ng	96
4) n-Nitrosodimethylamine	2.76	42	94514	13.587	ng	# 96
6) Aniline	6.27	93	936512	42.086	ng	98
8) 2-Chlorophenol	6.40	128	629182	41.946	ng	100
9) Benzaldehyde	6.15	77	442135	41.856	ng	99
10) Phenol	6.26	94	797109	42.029	ng	99
11) bis(2-Chloroethyl)ether	6.35	93	585257	41.863	ng	100
12) 1,3-Dichlorobenzene	6.55	146	700158	42.060	ng	100
13) 1,4-Dichlorobenzene	6.63	146	708702	42.455	ng	100
14) 1,2-Dichlorobenzene	6.78	146	658337	42.587	ng	98
15) Benzyl Alcohol	6.76	79	502327	42.607	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	847110	41.777	ng	99
17) 2-Methylphenol	6.87	107	513019	41.436	ng	99
18) Hexachloroethane	7.13	117	252488	41.955	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	426332	41.129	ng	97
20) 3+4-Methylphenols	7.03	107	604138	42.259	ng	98
22) Acetophenone	7.02	105	808439	40.713	ng	100
24) Nitrobenzene	7.20	77	645028	41.525	ng	100
25) Isophorone	7.44	82	1162374	40.242	ng	100
26) 2-Nitrophenol	7.51	139	336368	43.848	ng	98
27) 2,4-Dimethylphenol	7.56	122	515468	41.040	ng	100
28) bis(2-Chloroethoxy)methane	7.65	93	751423	41.160	ng	99
29) 2,4-Dichlorophenol	7.75	162	532251	41.063	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	593296	41.439	ng	99
31) Naphthalene	7.92	128	1779744	41.801	ng	100
32) Benzoic acid	7.68	122	349655	39.000	ng	98
33) 4-Chloroaniline	7.97	127	795418	40.878	ng	100
34) Hexachlorobutadiene	8.05	225	327767	41.775	ng	100
35) Caprolactam	8.34	113	179693	41.234	ng	97
36) 4-Chloro-3-methylphenol	8.45	107	542878	41.357	ng	99
37) 2-Methylnaphthalene	8.61	142	1200545	41.820	ng	99
38) 1-Methylnaphthalene	8.71	142	1159173	42.278	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	517002	42.352	ng	99

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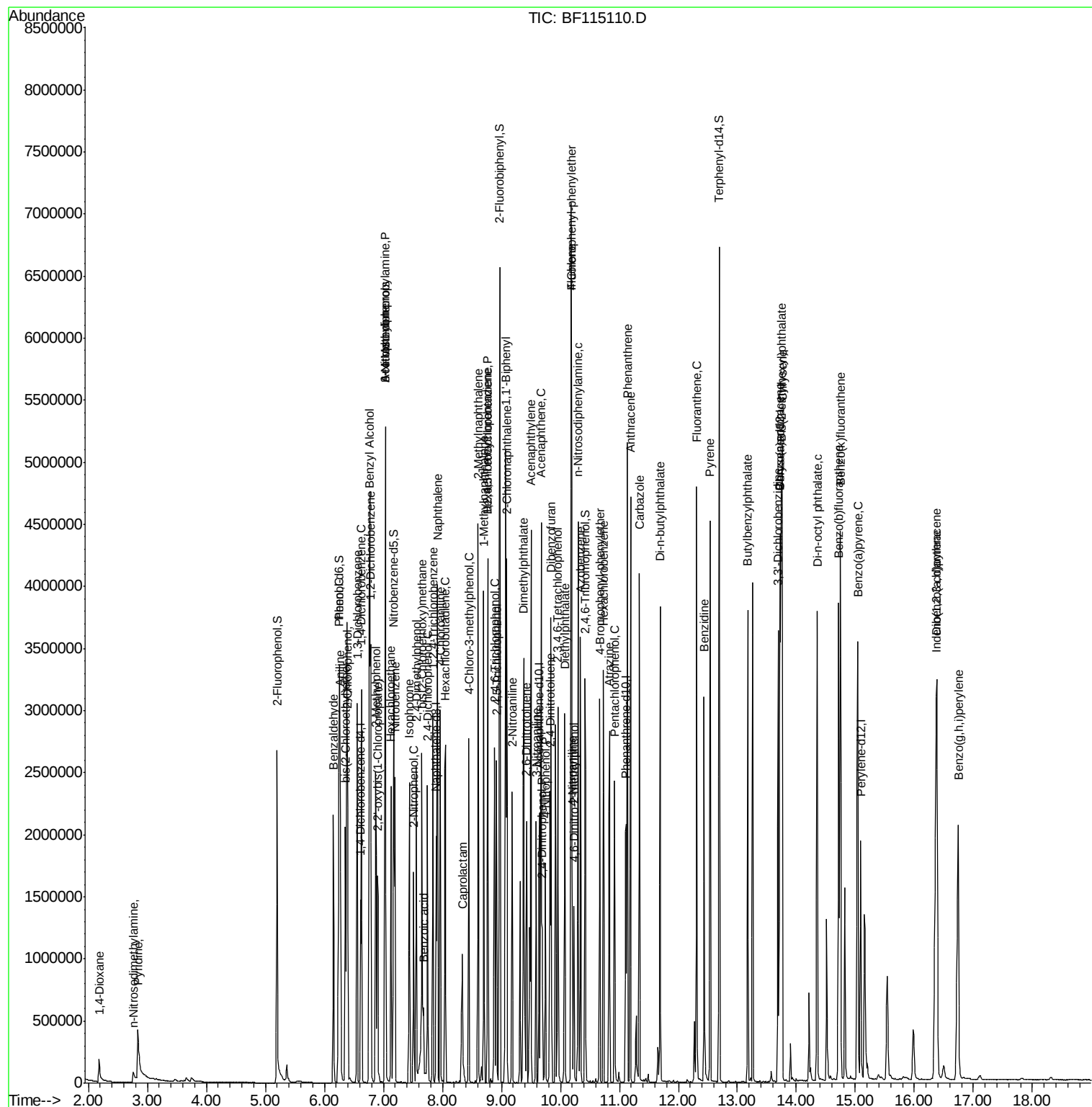
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	279262	38.580	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	385693	40.925	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	409286	42.171	ng	98
46) 1,1'-Biphenyl	9.07	154	1393731	40.322	ng	99
47) 2-Chloronaphthalene	9.09	162	1171198	41.772	ng	98
48) 2-Nitroaniline	9.18	65	352870	43.169	ng	95
49) Acenaphthylene	9.50	152	1823472	41.743	ng	99
50) Dimethylphthalate	9.38	163	1323525	41.644	ng	100
51) 2,6-Dinitrotoluene	9.43	165	311194	42.411	ng	90
52) Acenaphthene	9.68	154	1134925	41.519	ng	99
53) 3-Nitroaniline	9.59	138	382421	42.709	ng	96
54) 2,4-Dinitrophenol	9.69	184	147739	42.881	ng	# 88
55) Dibenzofuran	9.85	168	1590785	40.547	ng	98
56) 4-Nitrophenol	9.75	139	304331	42.394	ng	96
57) 2,4-Dinitrotoluene	9.82	165	410390	43.316	ng	93
58) Fluorene	10.18	166	1125961	42.780	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	345741	42.484	ng	99
60) Diethylphthalate	10.07	149	1312889	41.095	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	541747	43.401	ng	98
62) 4-Nitroaniline	10.20	138	373439	41.573	ng	98
63) Azobenzene	10.34	77	1226194	41.092	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	191449	42.752	ng	91
66) n-Nitrosodiphenylamine	10.30	169	1091897	41.054	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	381774	41.247	ng	96
68) Hexachlorobenzene	10.73	284	415078	41.316	ng	96
69) Atrazine	10.83	200	339257	39.653	ng	99
70) Pentachlorophenol	10.92	266	275470	43.040	ng	98
71) Phenanthrene	11.14	178	1835284	39.929	ng	99
72) Anthracene	11.19	178	1849362	39.859	ng	100
73) Carbazole	11.34	167	1699015	41.008	ng	99
74) Di-n-butylphthalate	11.69	149	1999810	41.771	ng	99
75) Fluoranthene	12.31	202	1921521	41.900	ng	99
77) Benzidine	12.44	184	1075668	38.113	ng	97
78) Pyrene	12.54	202	1969494	40.320	ng	99
80) Butylbenzylphthalate	13.18	149	881433	40.889	ng	93
81) Benzo(a)anthracene	13.72	228	1861997	40.827	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	688098	41.780	ng	98
83) Chrysene	13.76	228	1700077	40.694	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1169035	41.388	ng	100
85) Di-n-octyl phthalate	14.35	149	1975688	41.630	ng	100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2125795	43.002	ng	99
88) Benzo(b)fluoranthene	14.72	252	1832716	39.073	ng	98
89) Benzo(k)fluoranthene	14.75	252	1757655	41.786	ng	98
90) Benzo(a)pyrene	15.04	252	1748446	41.358	ng	98
91) Dibenzo(a,h)anthracene	16.38	278	1716340	43.488	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1745246	43.691	ng	99

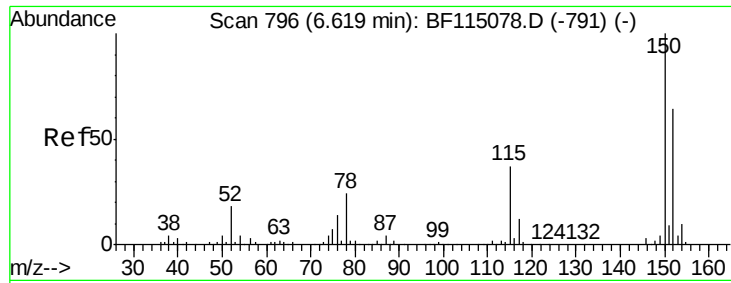
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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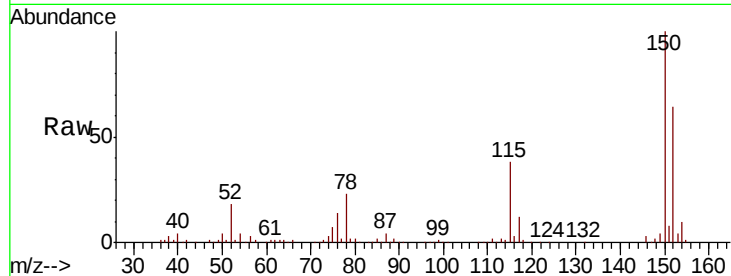


#1

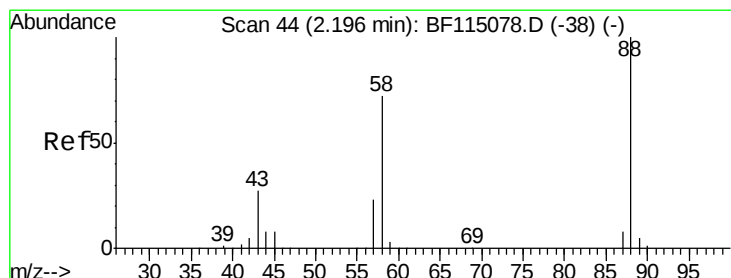
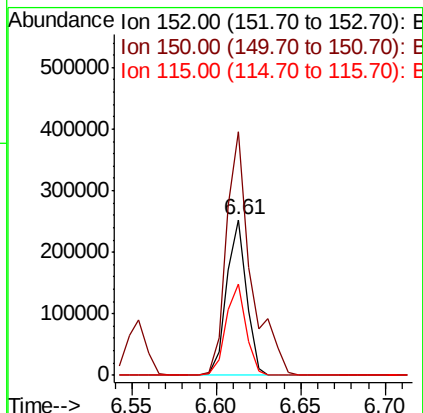
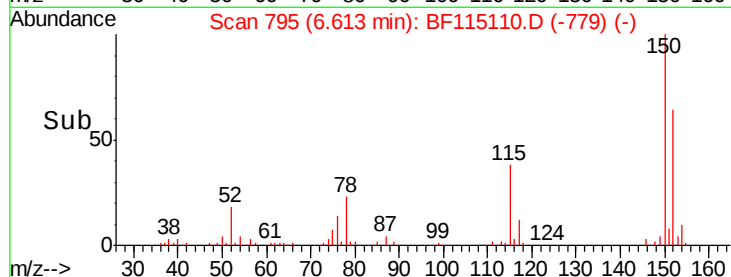
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 205852
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 58.8 46.1 69.1



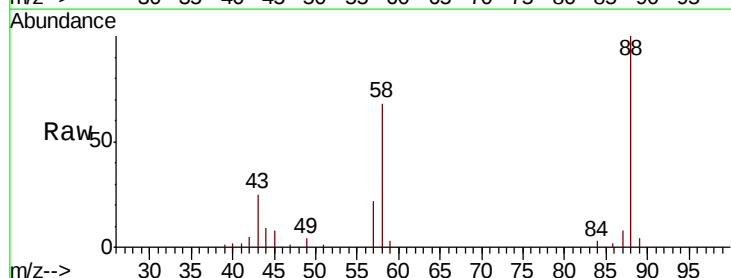
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



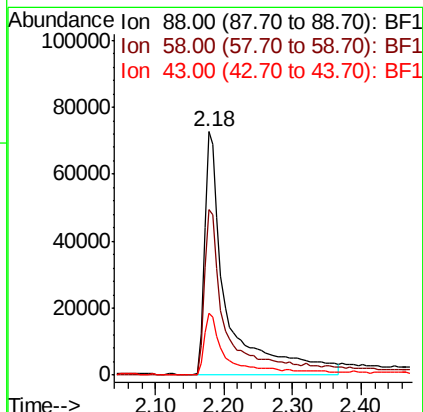
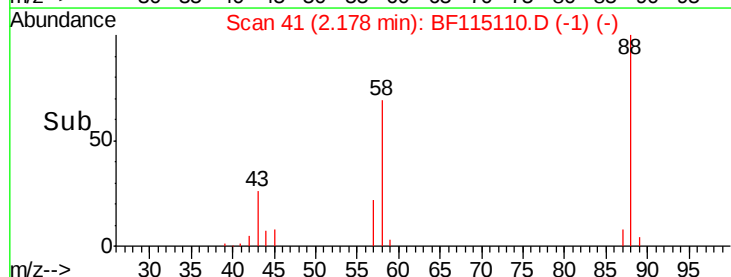
#2

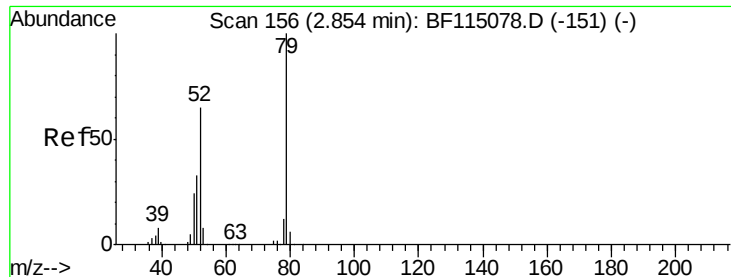
1,4-Dioxane
Concen: 26.522 ng
RT: 2.18 min Scan# 41
Delta R.T. -0.02 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion: 88 Resp: 166969
Ion Ratio Lower Upper
88 100
58 64.0 56.1 84.1
43 23.5 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: 24.504 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

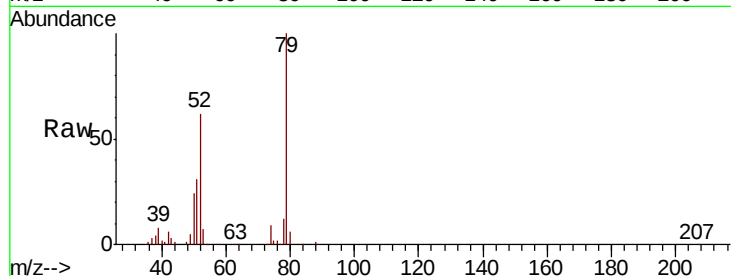
Tot Ion: 79 Resp: 434795

Ion Ratio Lower Upper

79 100

52 62.4 52.3 78.5

51 31.0 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

200000

150000

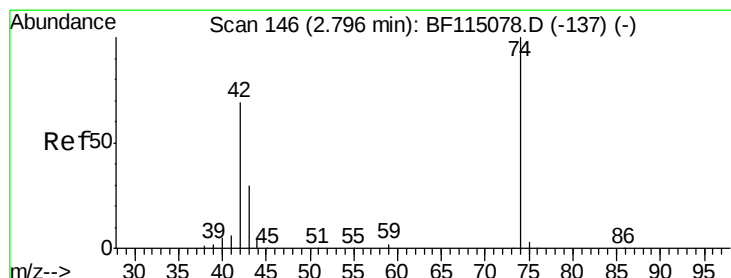
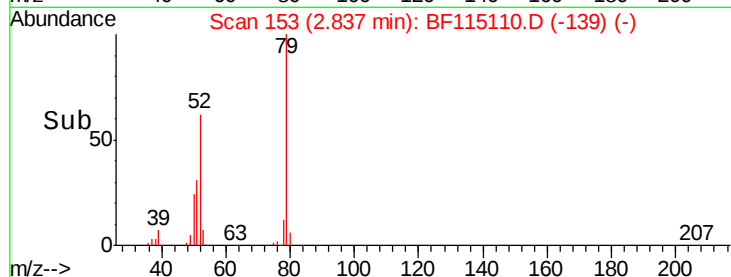
100000

50000

0

2.84

Time--> 2.70 2.80 2.90 3.00 3.10



#4

n-Nitrosodimethylamine

Concen: 13.587 ng

RT: 2.76 min Scan# 140

Delta R.T. -0.04 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

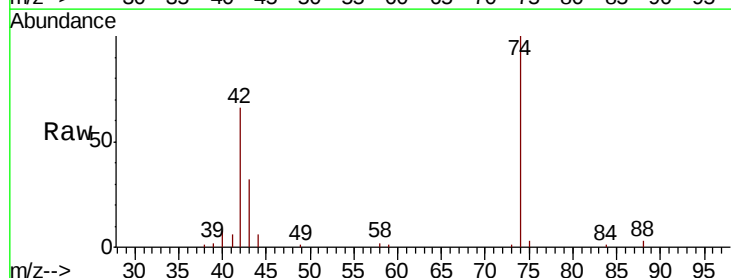
Tgt Ion: 42 Resp: 94514

Ion Ratio Lower Upper

42 100

74 150.5 116.6 175.0

44 9.8 5.3 7.9#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

50000

40000

30000

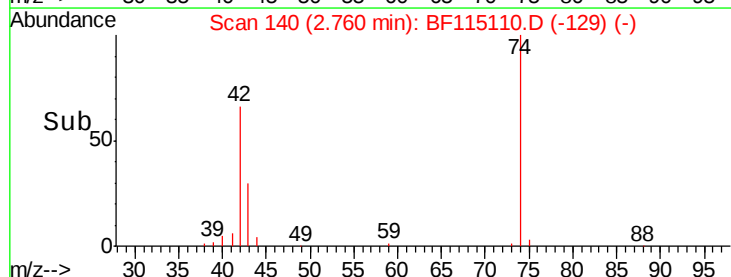
20000

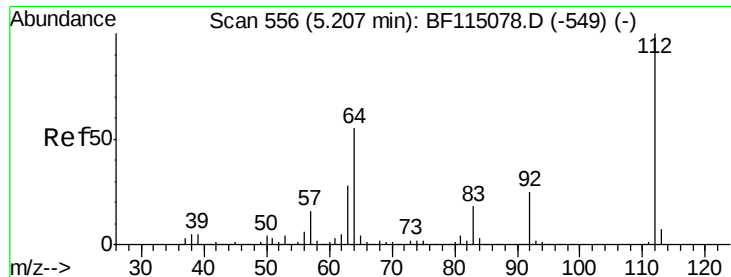
10000

0

2.76

Time--> 2.70 2.75 2.80 2.85 2.90





#5

2-Fluorophenol

Concen: 76.531 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

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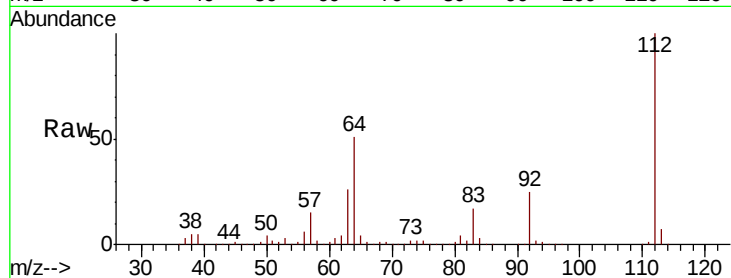
Tot Ion: 112 Resp: 1020896

Ion Ratio Lower Upper

112 100

64 51.5 43.8 65.6

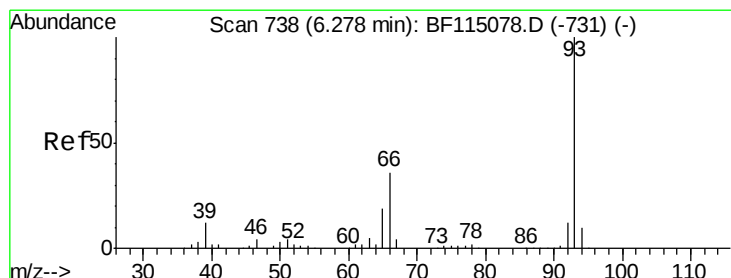
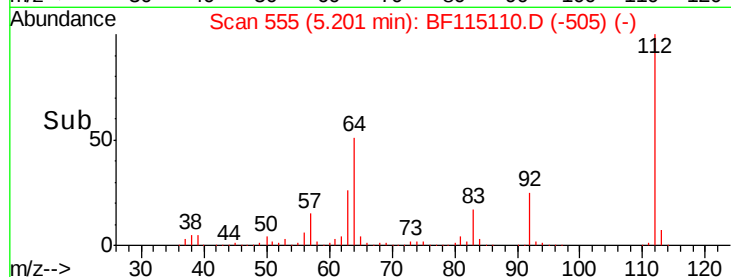
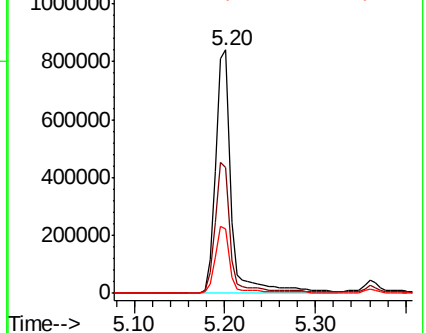
63 26.5 22.2 33.4



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: 42.086 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

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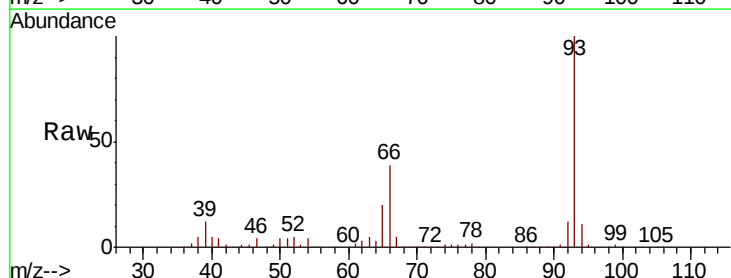
Tgt Ion: 93 Resp: 936512

Ion Ratio Lower Upper

93 100

66 38.6 30.0 45.0

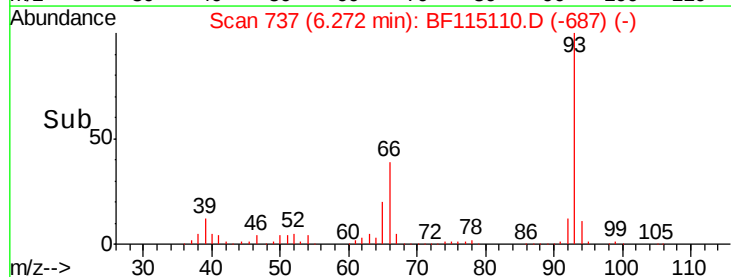
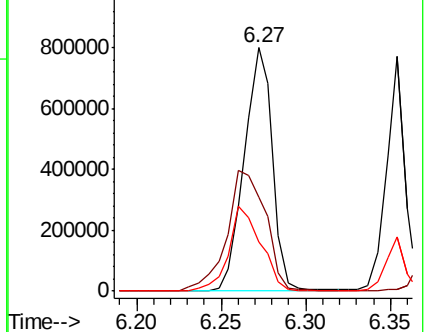
65 20.1 15.6 23.4

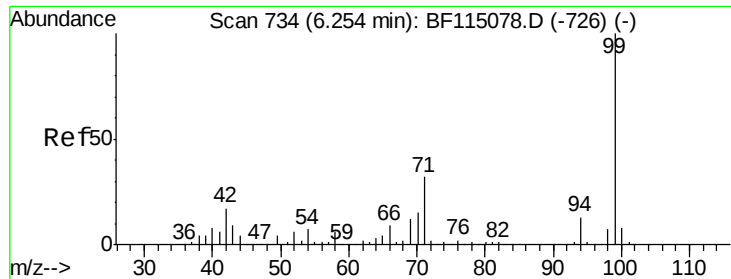


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.772 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

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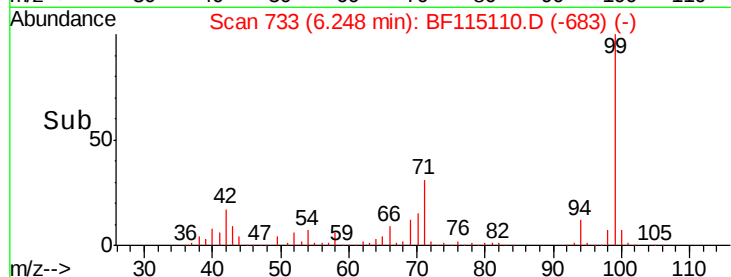
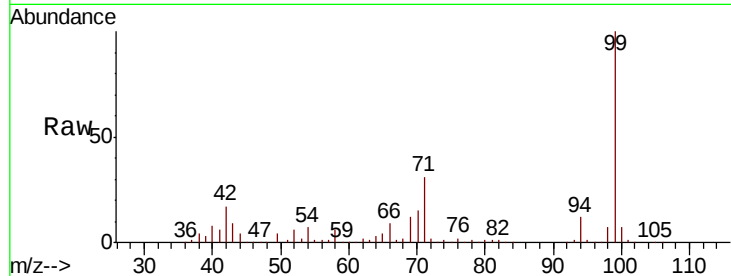
Tot Ion: 99 Resp: 1356344

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

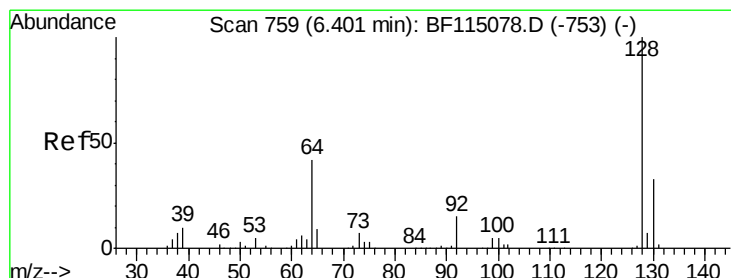
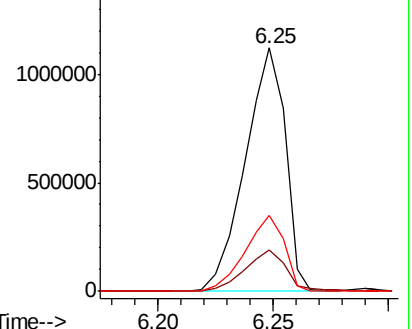
71 31.4 25.5 38.3



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: 41.946 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

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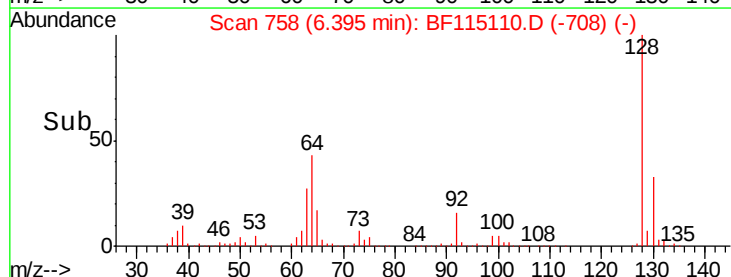
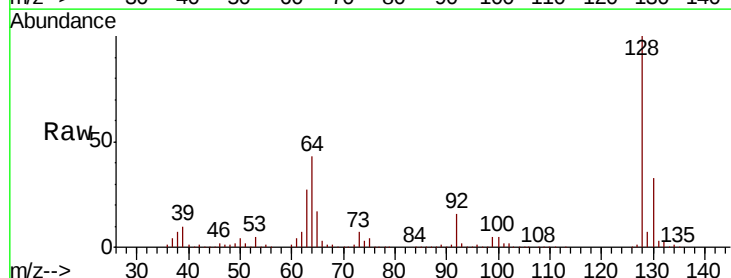
Tgt Ion:128 Resp: 629182

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

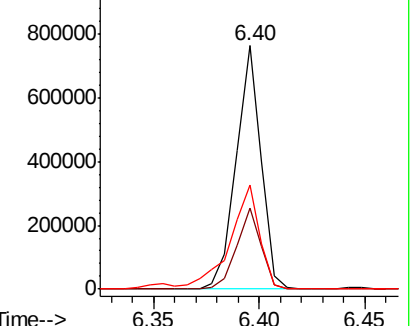
64 42.9 22.9 62.9

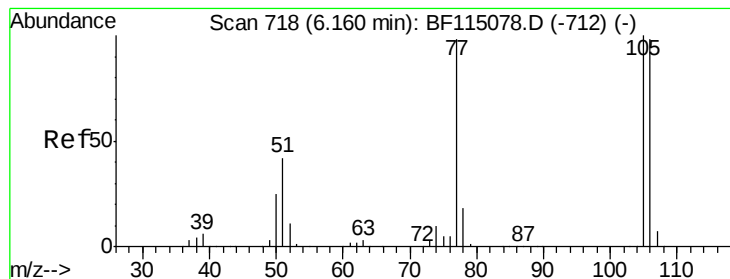


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.856 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

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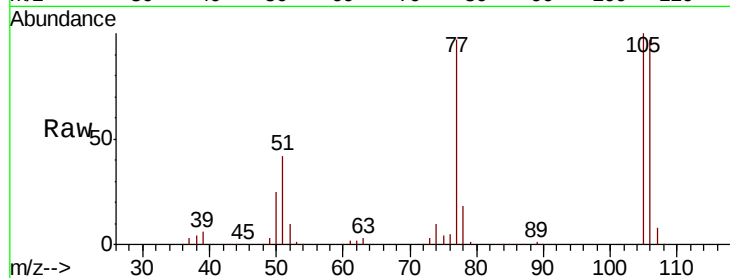
Tot Ion: 77 Resp: 442135

Ion Ratio Lower Upper

77 100

105 102.8 81.5 121.5

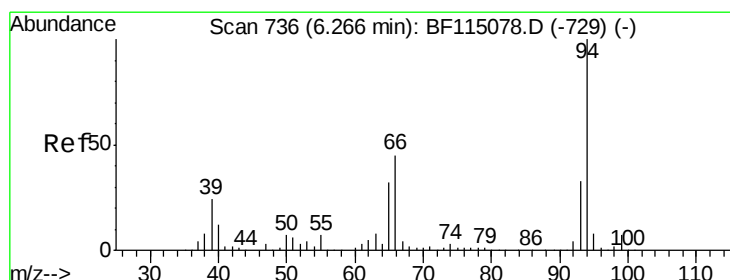
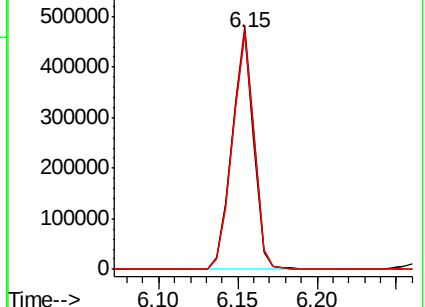
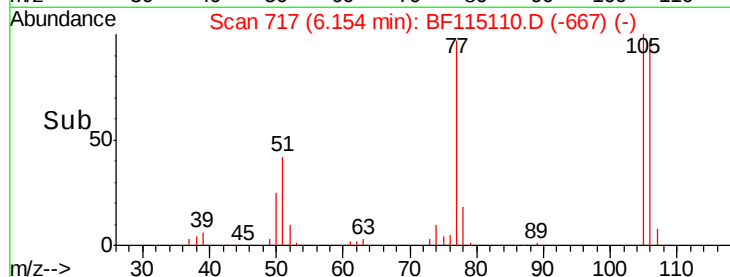
106 99.5 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.029 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

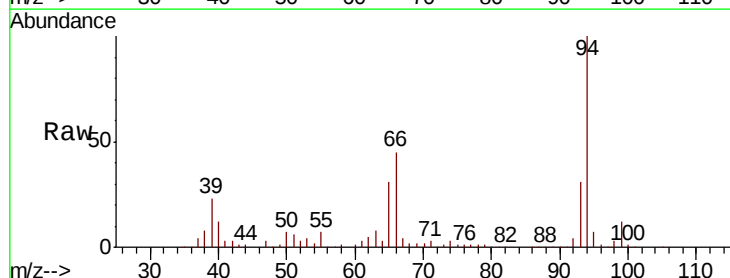
Tgt Ion: 94 Resp: 797109

Ion Ratio Lower Upper

94 100

65 31.5 11.9 51.9

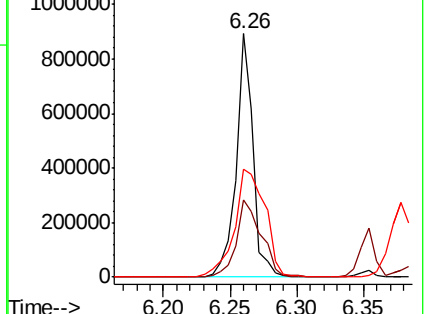
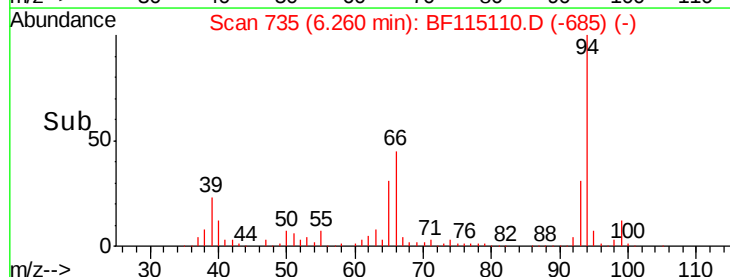
66 44.6 25.2 65.2

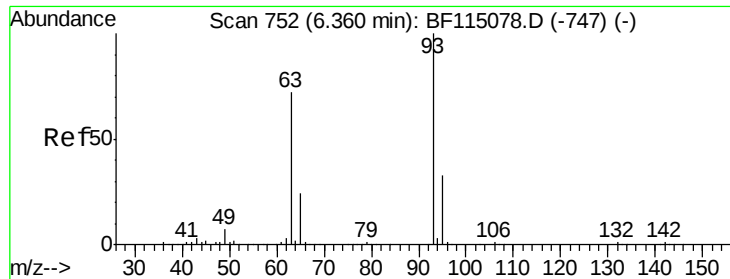


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

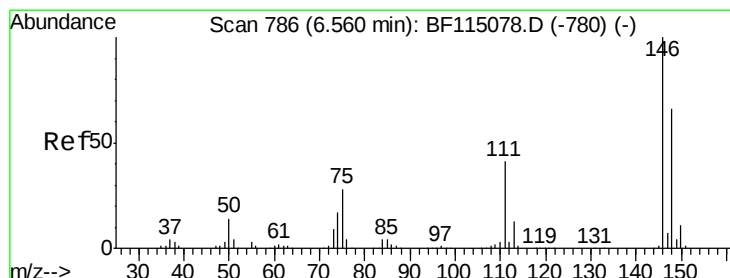
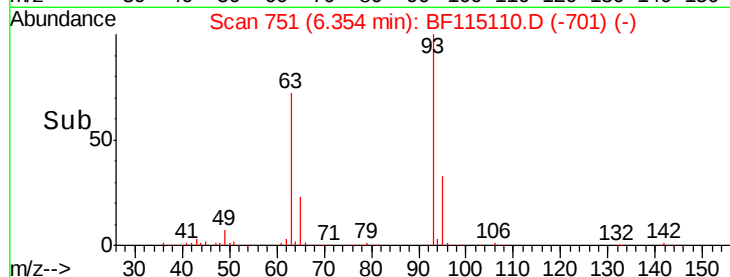
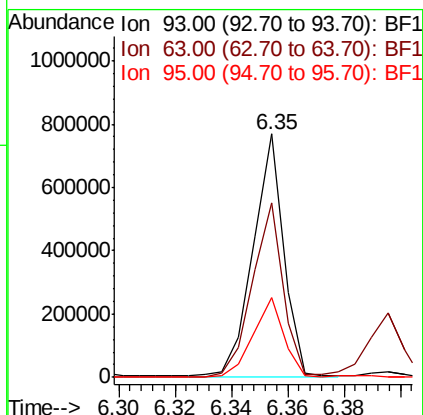
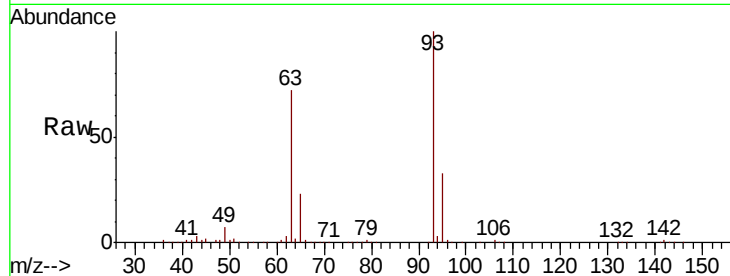




#11
bis(2-Chloroethyl)ether
Concen: 41.863 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

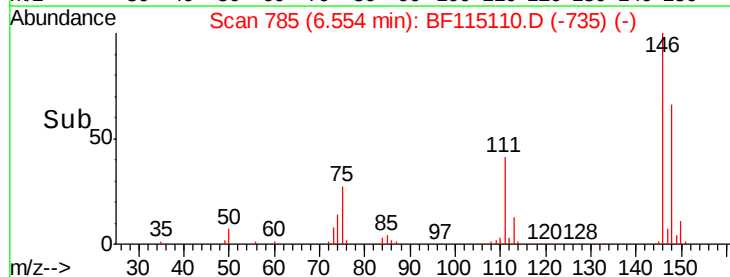
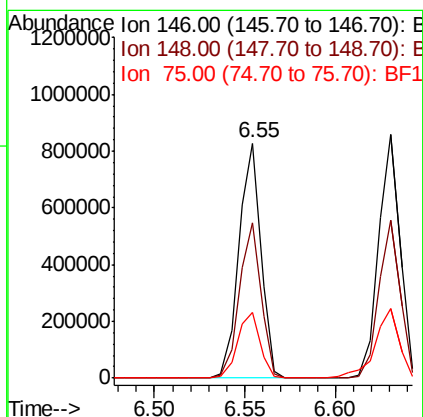
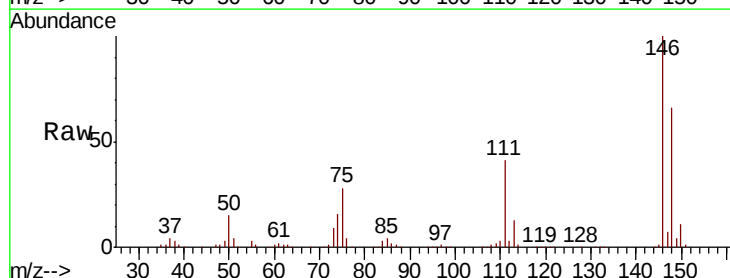
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

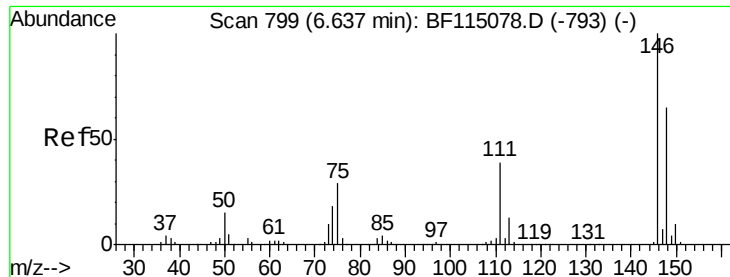
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	51.5	91.5
95	32.8	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 42.060 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	28.1	22.6	34.0

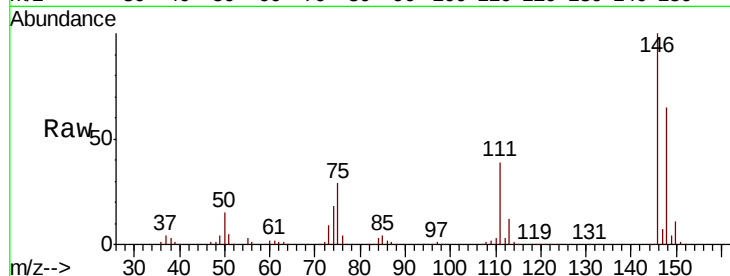




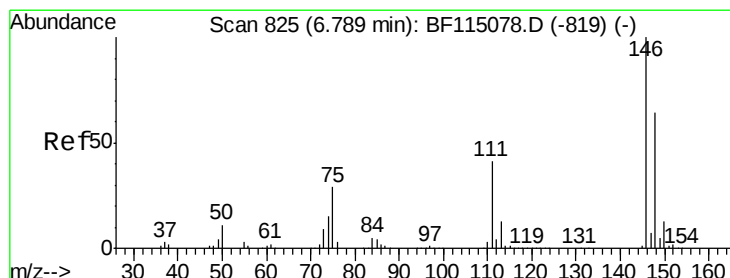
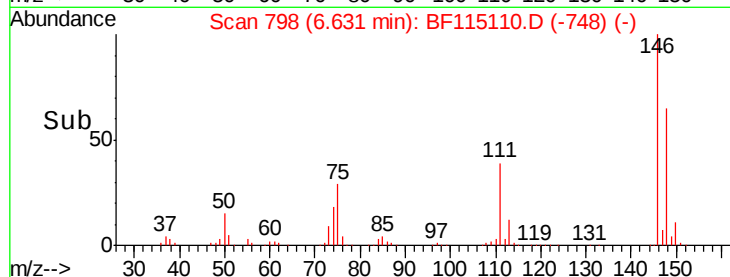
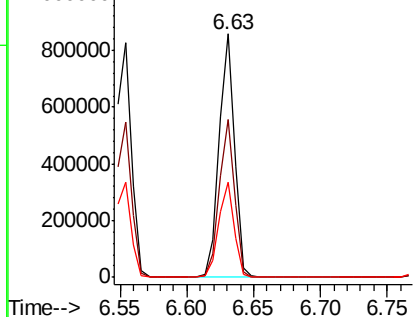
#13
 1,4-Dichlorobenzene
 Concen: 42.455 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 708702
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 39.1 31.4 47.0

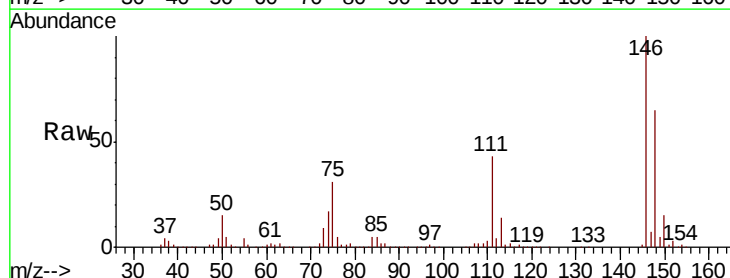


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

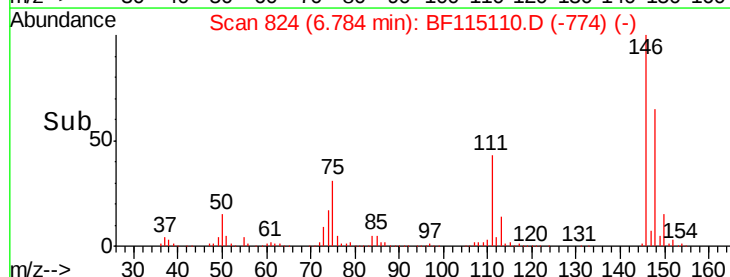
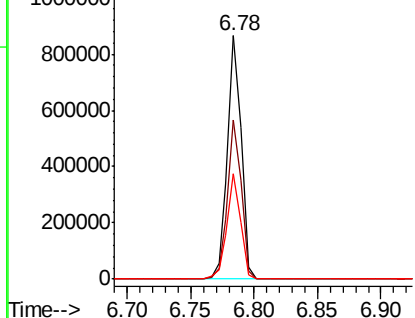


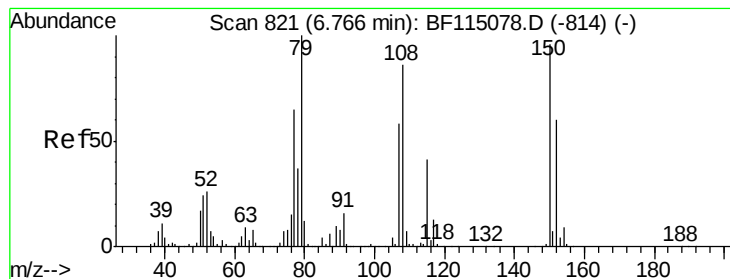
#14
 1,2-Dichlorobenzene
 Concen: 42.587 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Tgt Ion:146 Resp: 658337
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 43.3 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 42.607 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

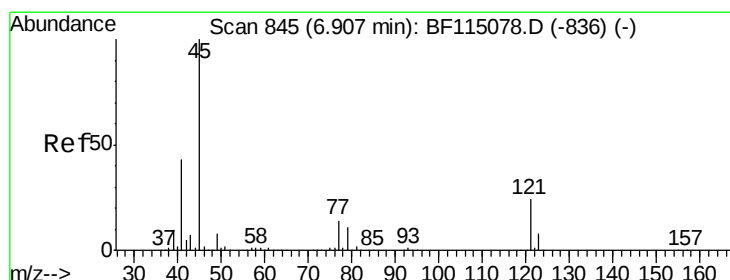
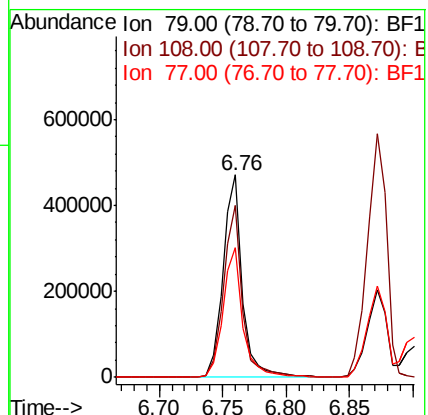
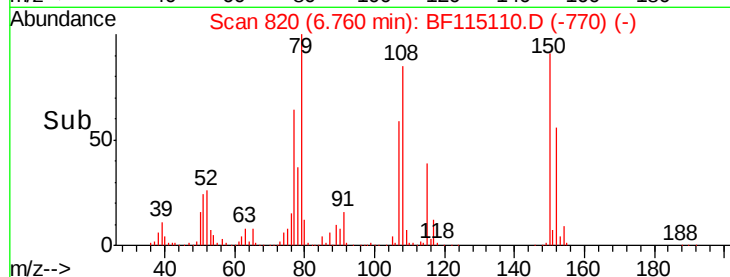
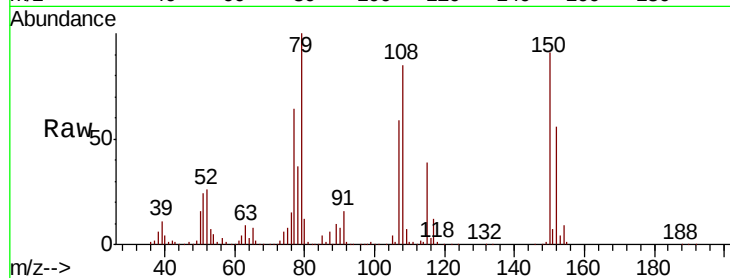
Tot Ion: 79 Resp: 502327

Ion Ratio Lower Upper

79 100

108 84.8 68.7 103.1

77 63.9 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.777 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

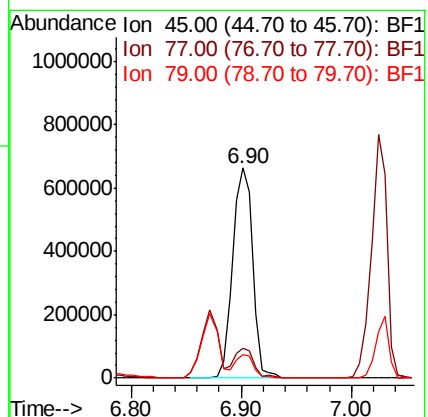
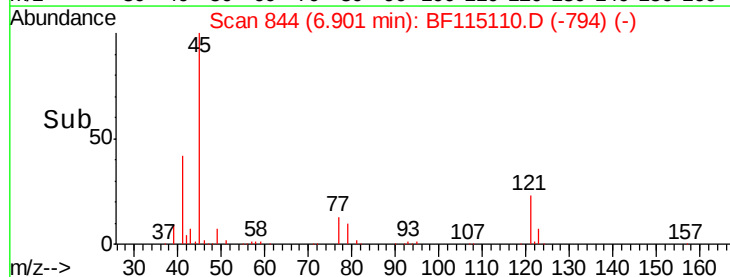
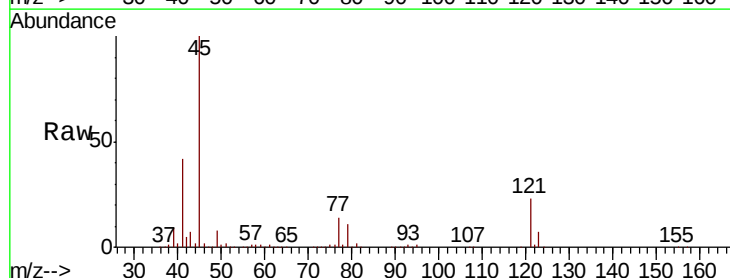
Tgt Ion: 45 Resp: 847110

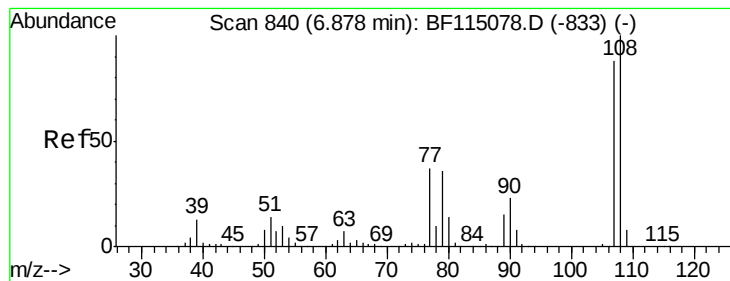
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.6

79 11.1 0.0 31.2

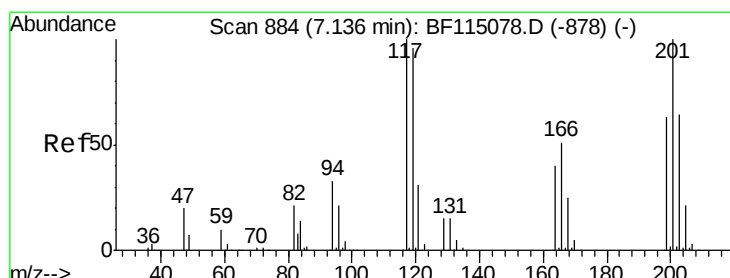
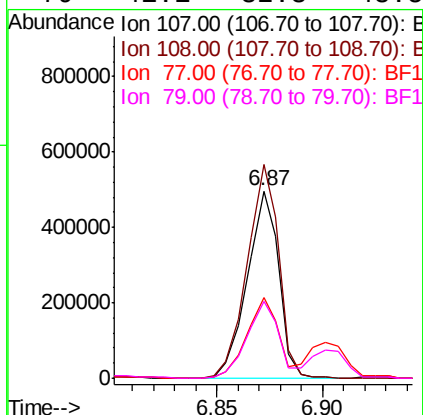
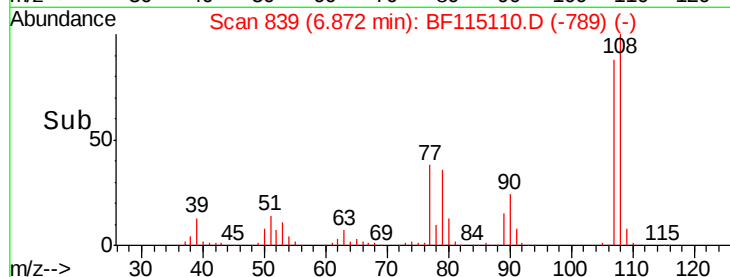
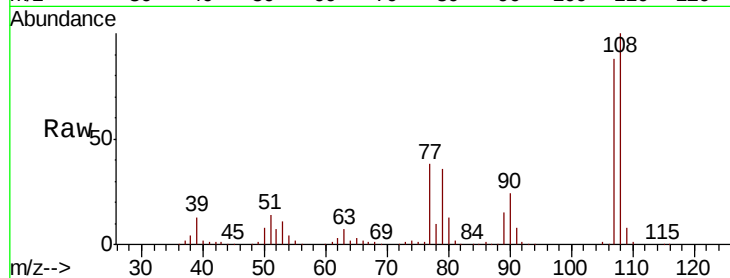




#17
2-Methylphenol
Concen: 41.436 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

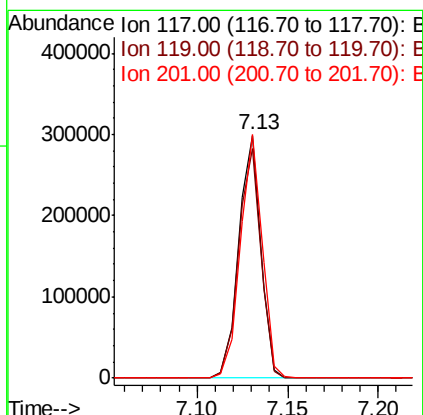
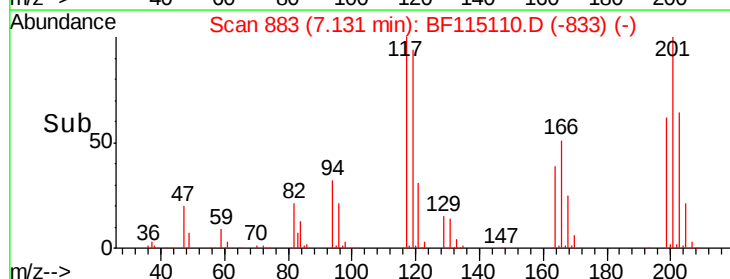
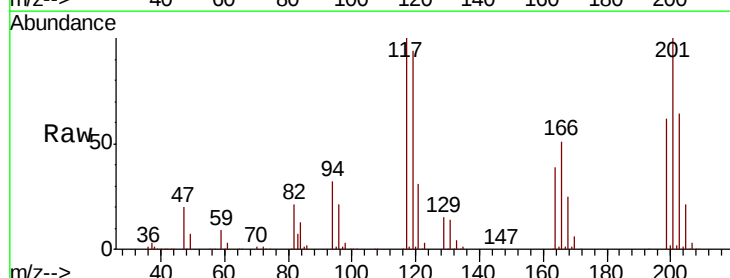
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

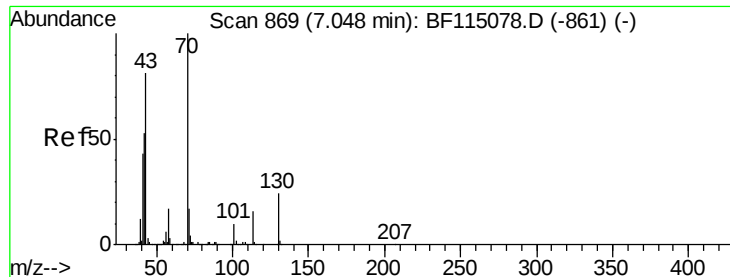
Tot Ion:	107	Resp:	513019
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	43.0	33.4	50.2
79	41.1	32.3	48.5



#18
Hexachloroethane
Concen: 41.955 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:	117	Resp:	252488
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	114.8
201	100.4	80.2	120.2

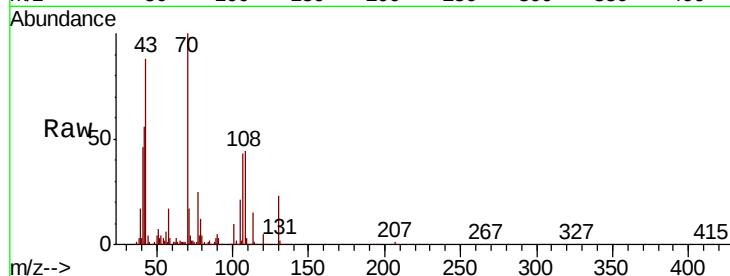




#19
n-Nitroso-di-n-propylamine
Concen: 41.129 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	42.6	63.8	
101	10.1	8.0	12.0	
130	22.8	19.4	29.0	



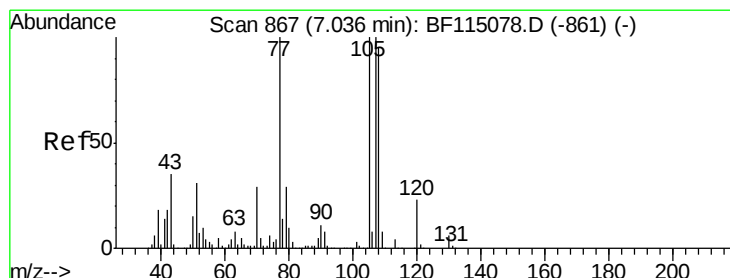
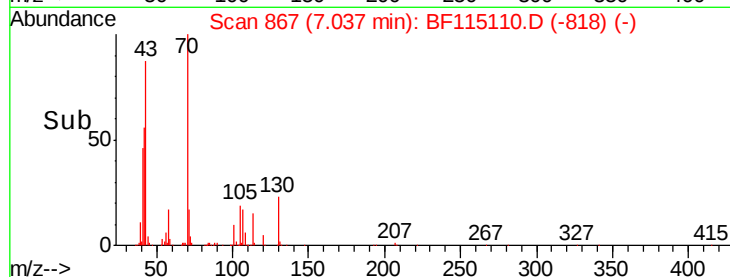
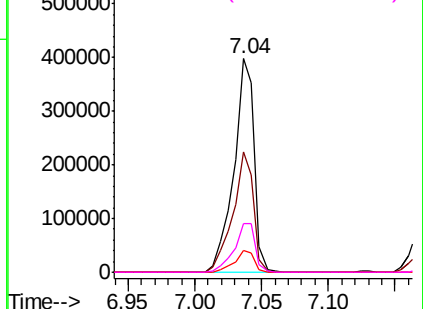
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.259 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.4	75.5	115.5	
77	96.8	80.2	120.2	
79	29.3	9.5	49.5	

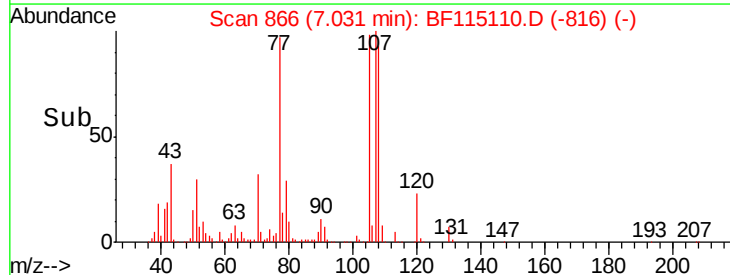
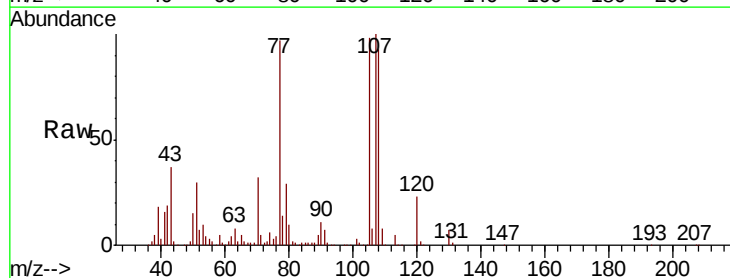
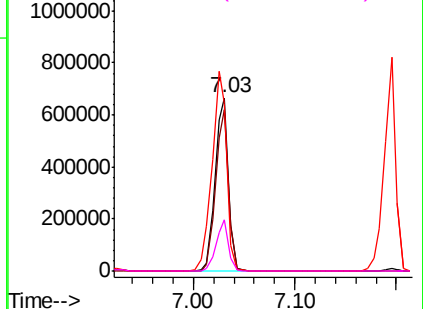
Abundance

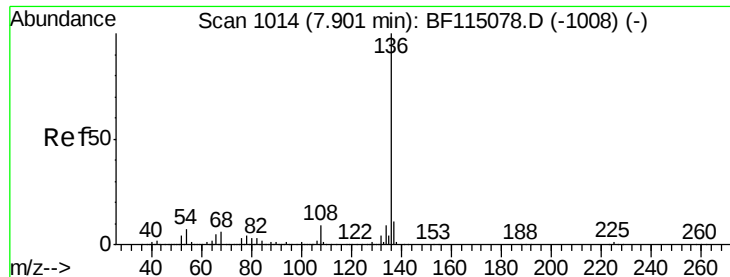
Ion 107.00 (106.70 to 107.70): E

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

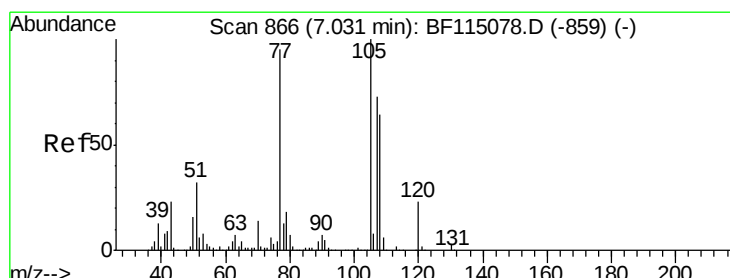
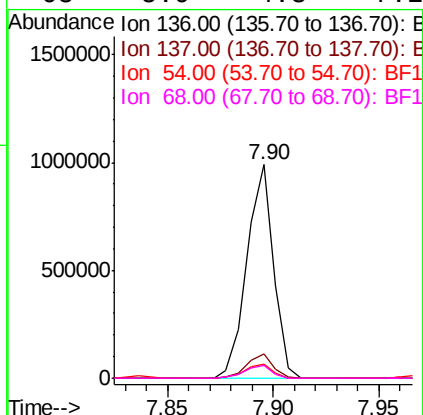
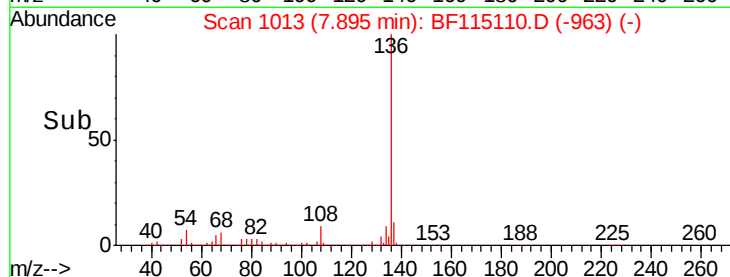
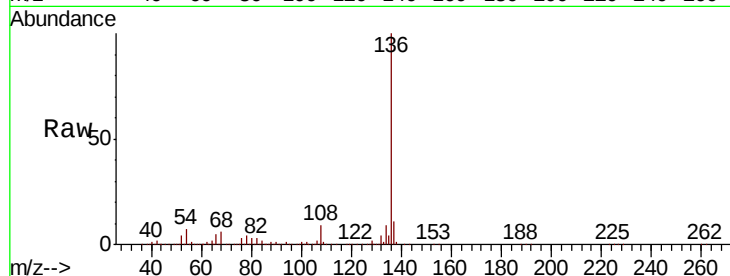




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

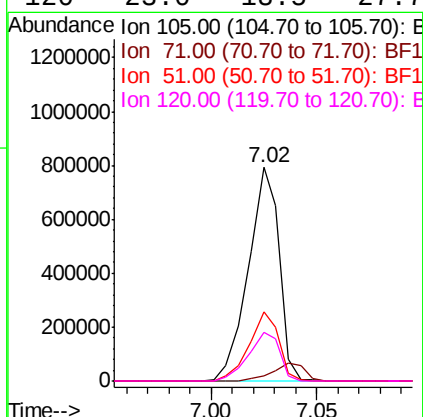
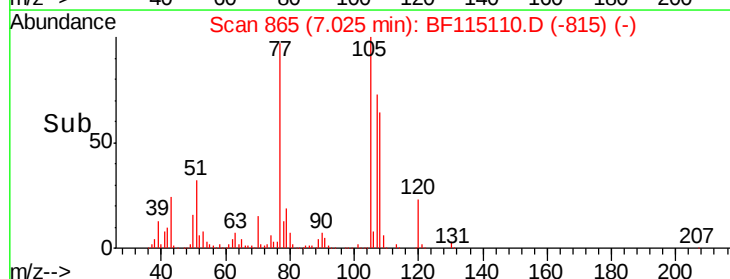
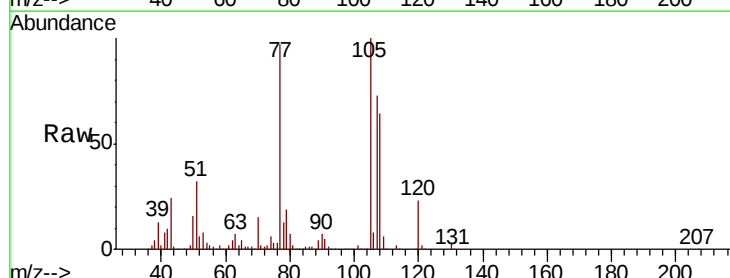
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

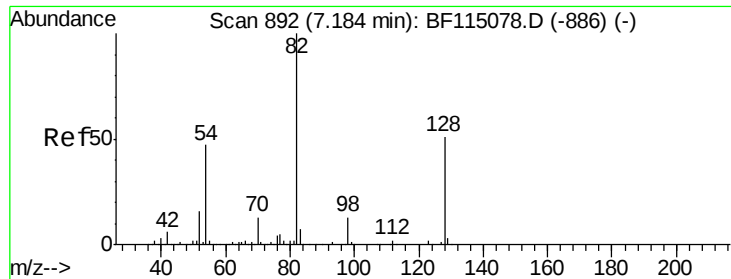
Tot Ion:136	Resp:	867365
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 6.7	5.6	8.4
68 5.9	4.8	7.2



#22
Acetophenone
Concen: 40.713 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt	Ion:105	Resp:	808439
Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.9	2.9
51	32.3	25.8	38.8
120	23.0	18.5	27.7

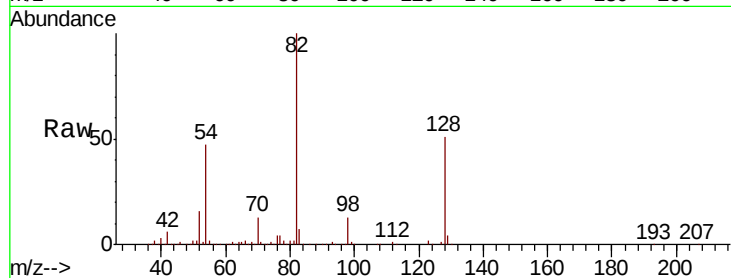




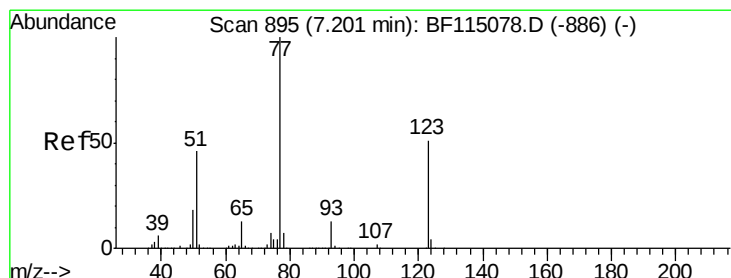
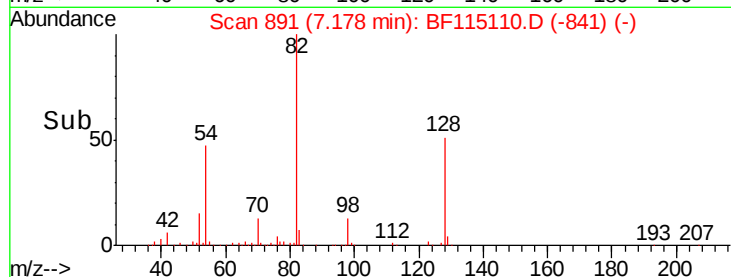
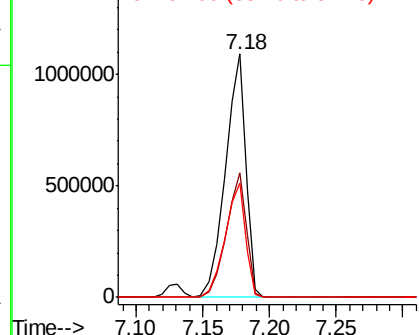
#23
Nitrobenzene-d5
Concen: 83.781 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1181312
Ion Ratio Lower Upper
82 100
128 51.1 40.4 60.6
54 46.7 37.5 56.3

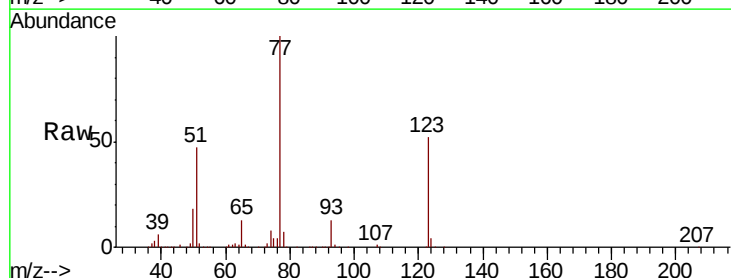


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

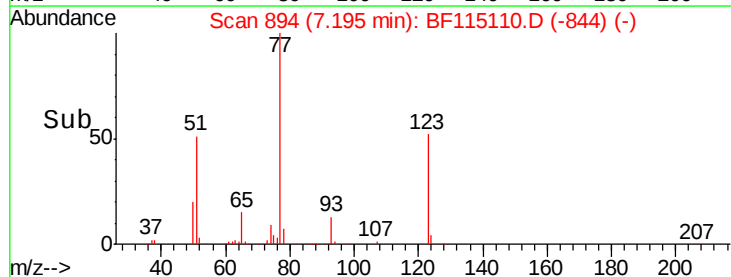
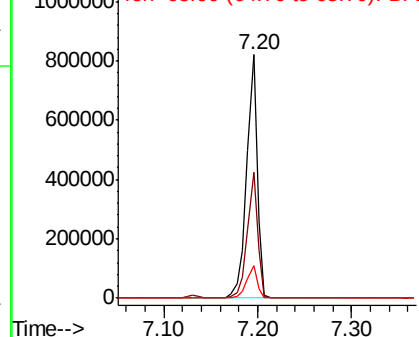


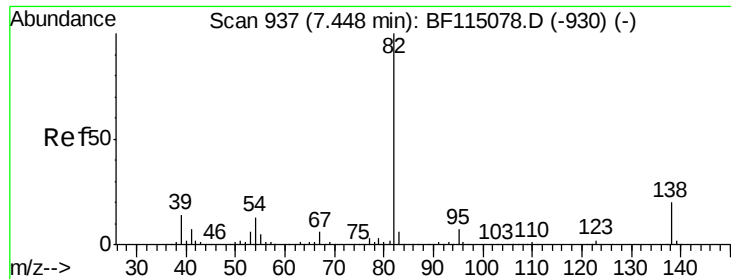
#24
Nitrobenzene
Concen: 41.525 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion: 77 Resp: 645028
Ion Ratio Lower Upper
77 100
123 51.5 41.0 61.6
65 13.4 10.5 15.7



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





#25

Isophorone

Concen: 40.242 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

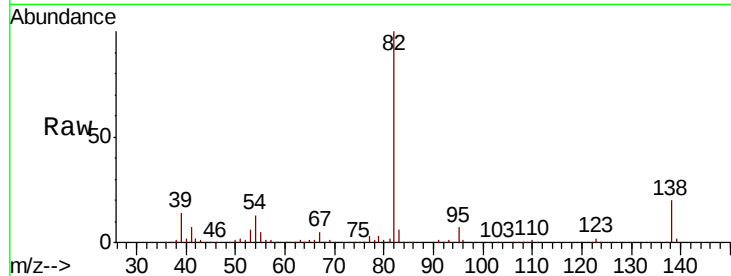
Tot Ion: 82 Resp: 1162374

Ion Ratio Lower Upper

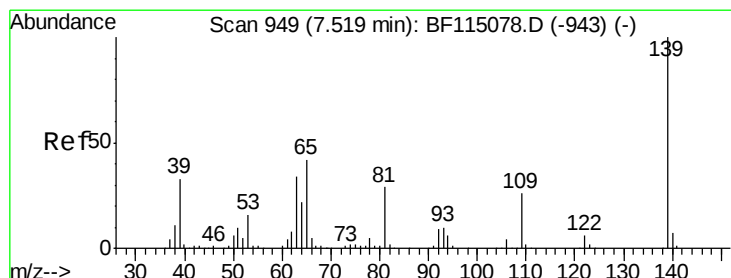
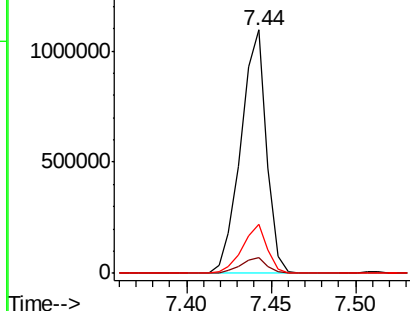
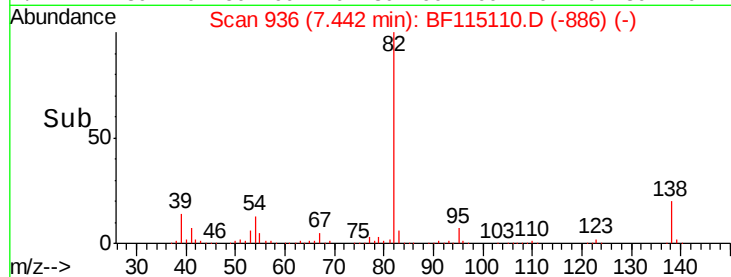
82 100

95 6.7 5.4 8.2

138 20.0 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: 43.848 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

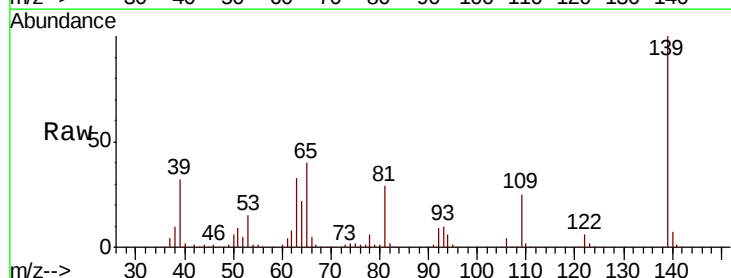
Tgt Ion: 139 Resp: 336368

Ion Ratio Lower Upper

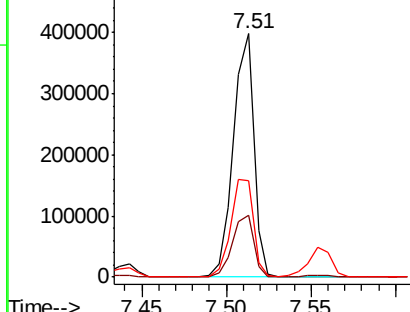
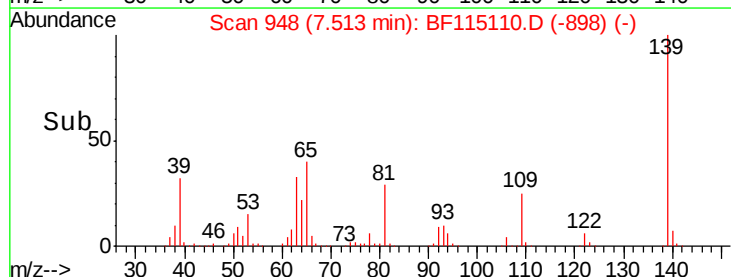
139 100

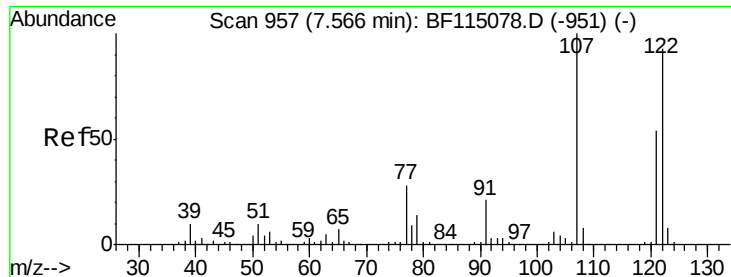
109 25.3 20.4 30.6

65 39.8 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

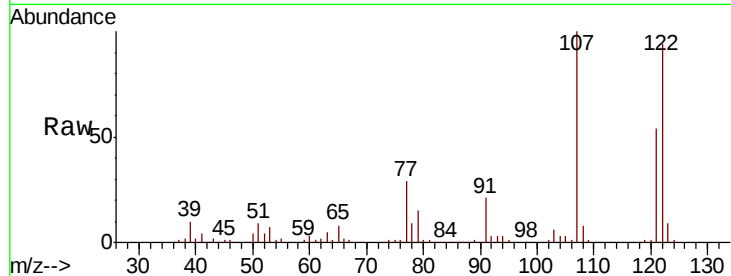




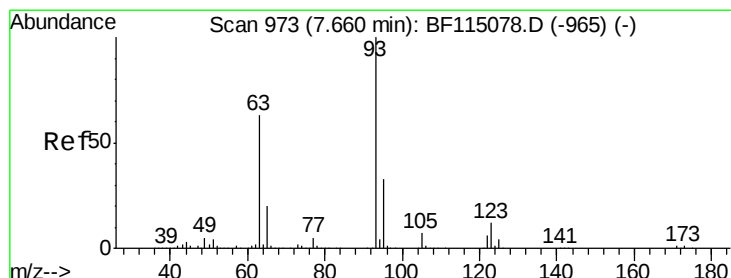
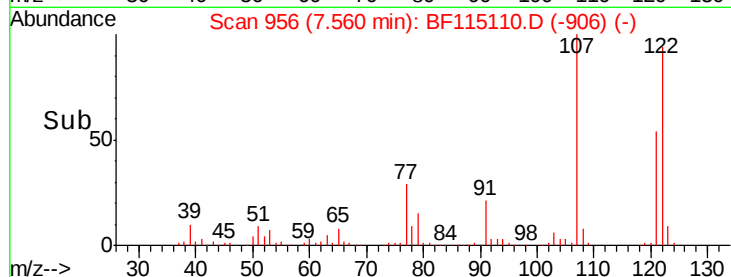
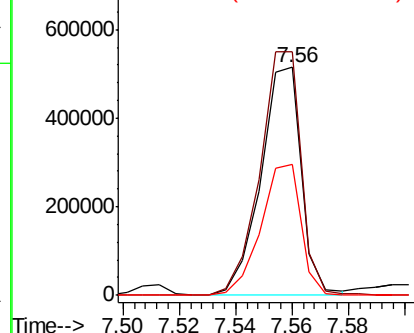
#27
2,4-Dimethylphenol
Concen: 41.040 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.8	85.8	128.6
121	57.8	46.3	69.5

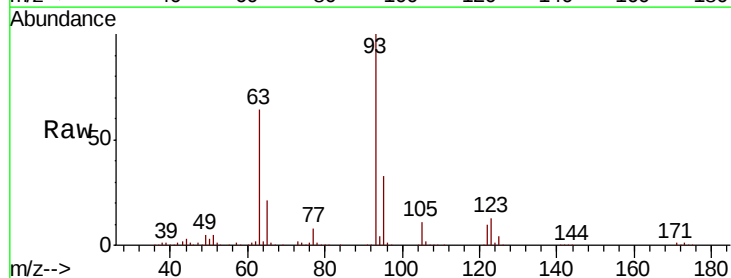


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

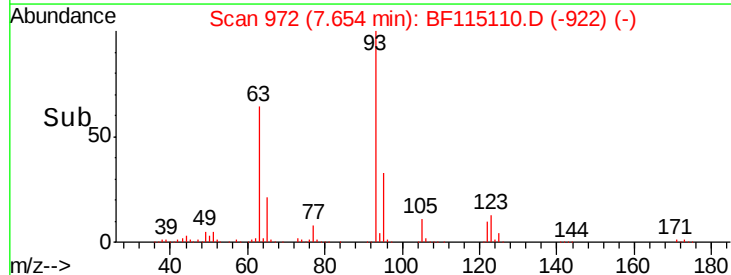
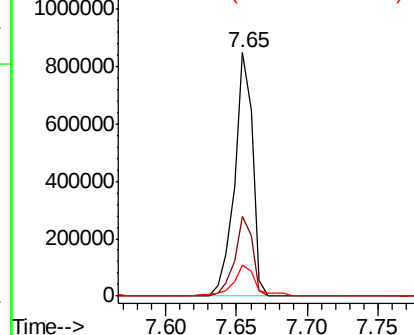


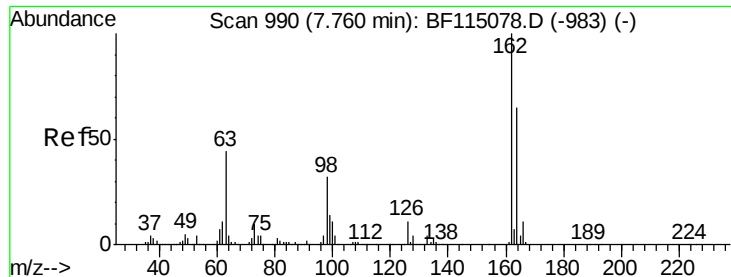
#28
bis(2-Chloroethoxy)methane
Concen: 41.160 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.8	9.7	14.5



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

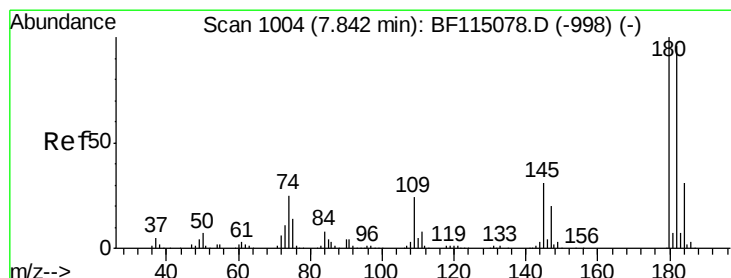
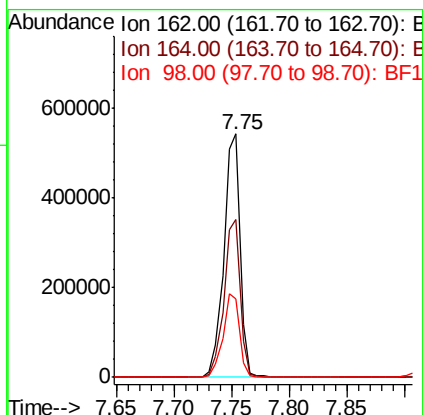
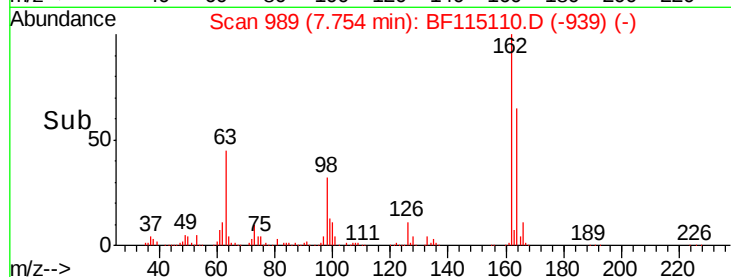
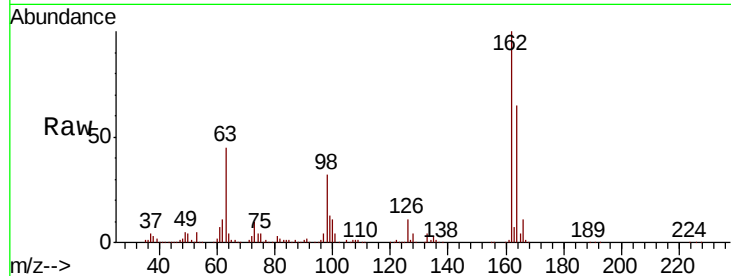




#29
2,4-Dichlorophenol
Concen: 41.063 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

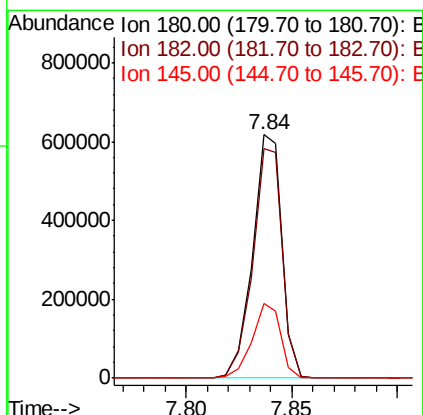
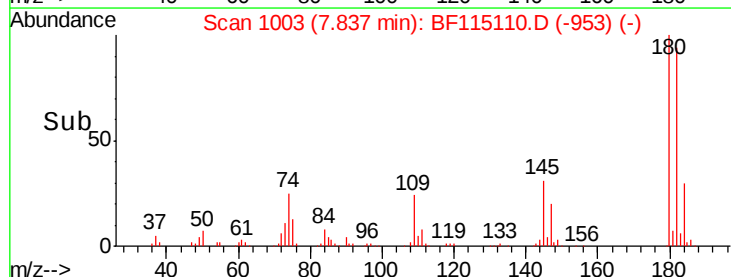
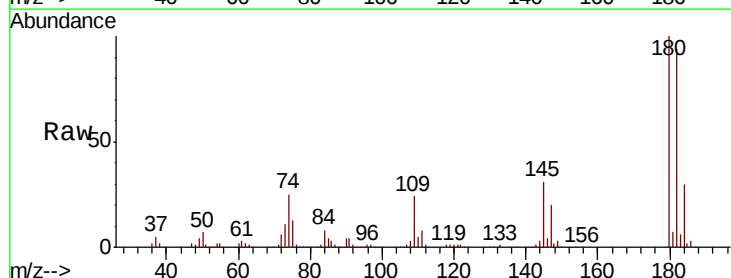
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

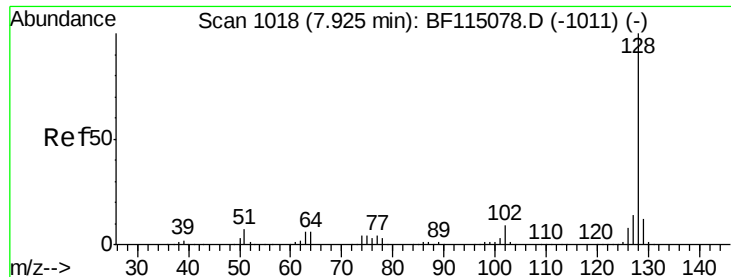
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.3	85.3
98	32.4	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 41.439 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	30.7	24.8	37.2

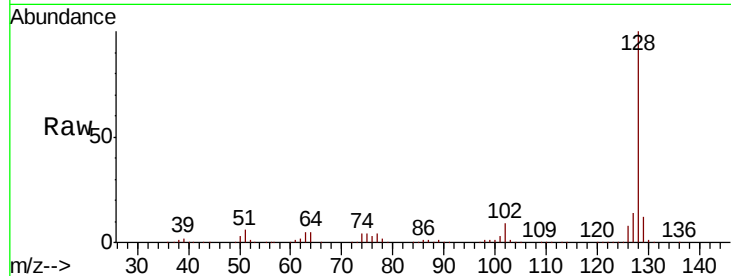




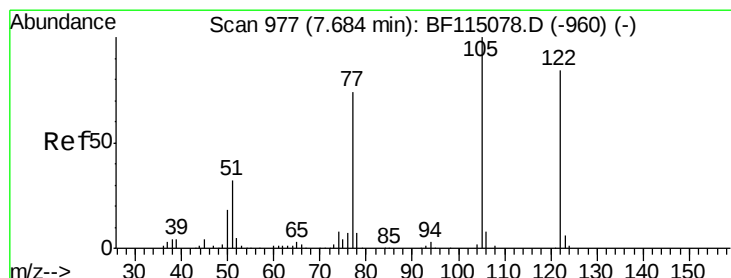
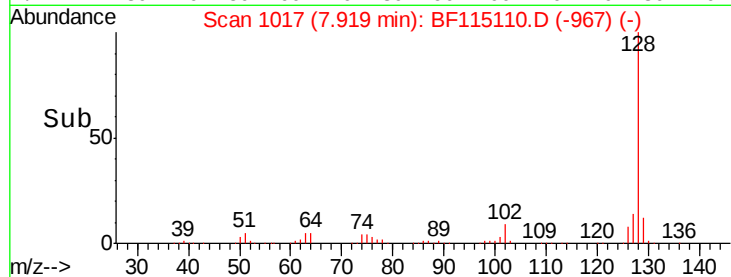
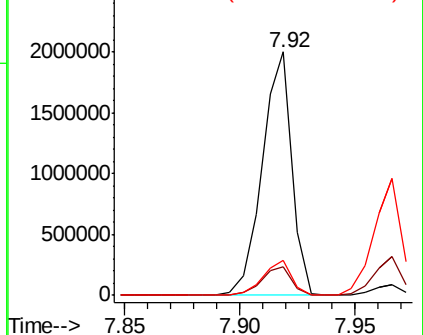
#31
Naphthalene
Concen: 41.801 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1779744
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.1 11.4 17.0

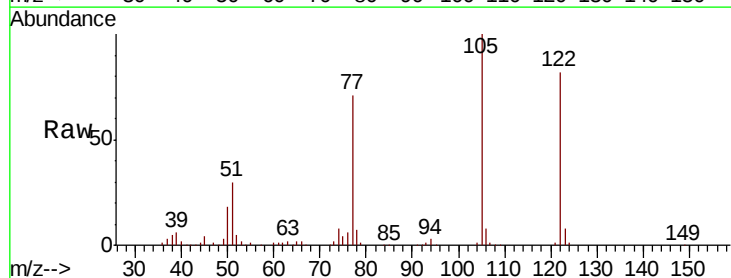


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

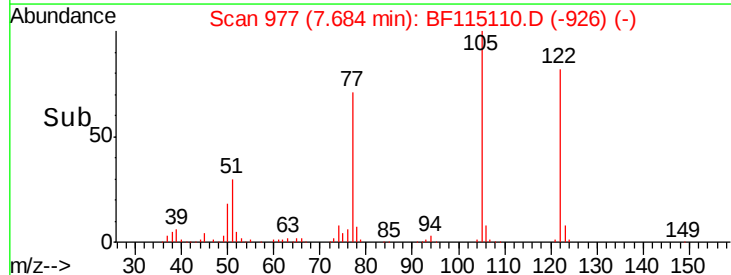
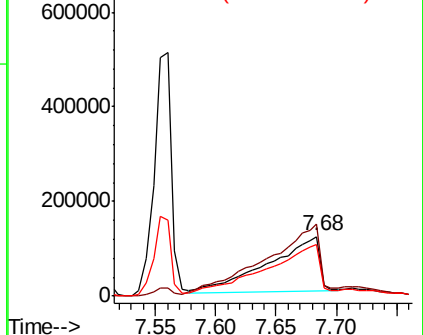


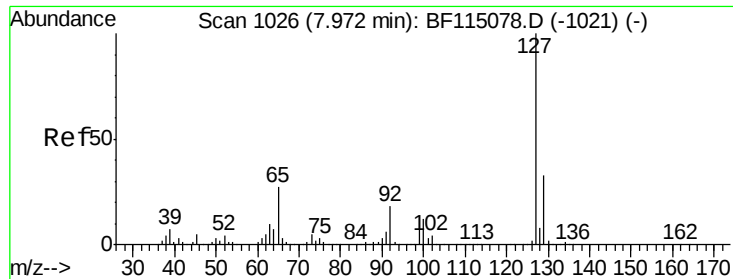
#32
Benzoic acid
Concen: 39.000 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:122 Resp: 349655
Ion Ratio Lower Upper
122 100
105 121.3 98.2 138.2
77 86.6 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

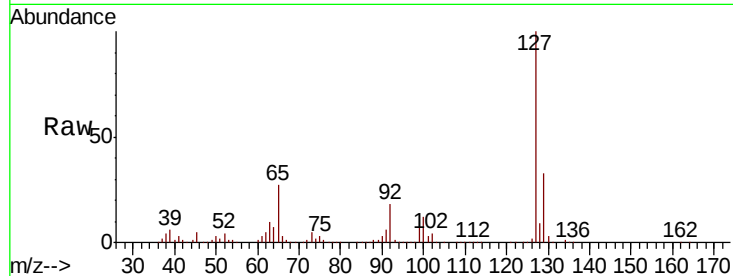




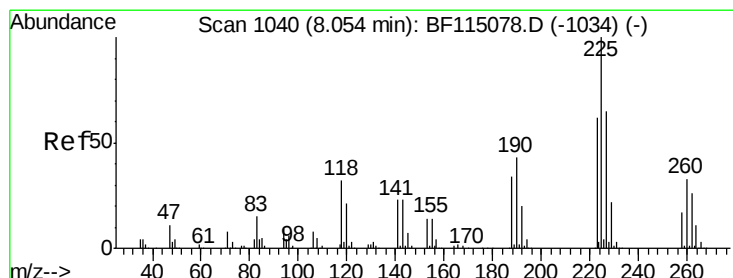
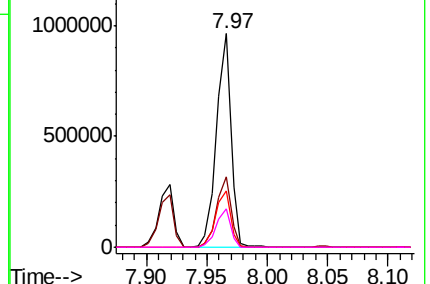
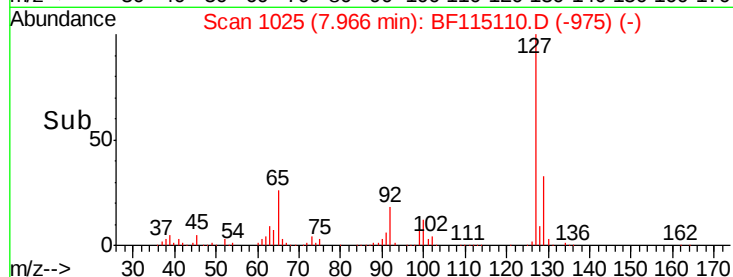
#33
4-Chloroaniline
Concen: 40.878 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	795418
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	26.6	21.4	32.2
92	18.0	14.1	21.1

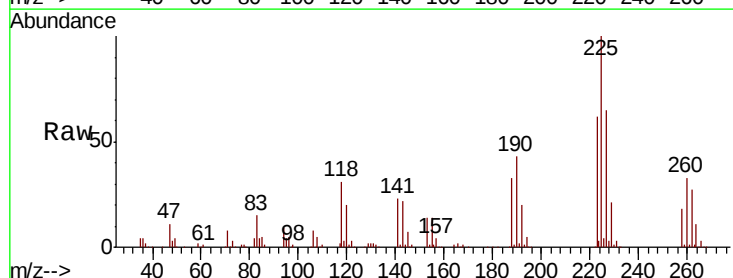


Abundance Ion 127.00 (126.70 to 127.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

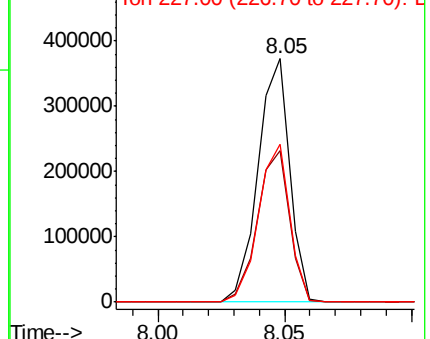
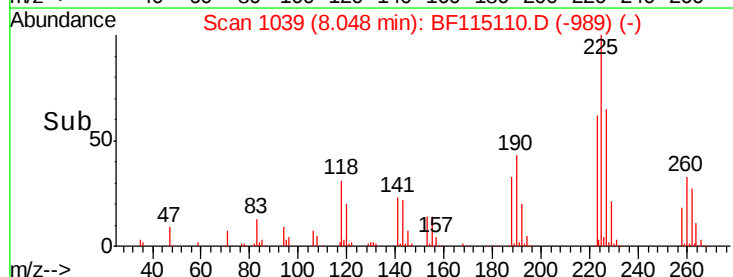


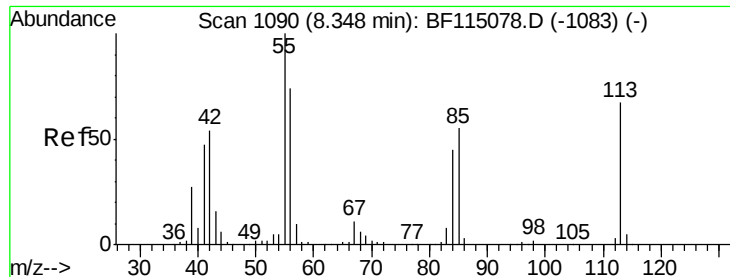
#34
Hexachlorobutadiene
Concen: 41.775 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:	225	Resp:	327767
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	65.0	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

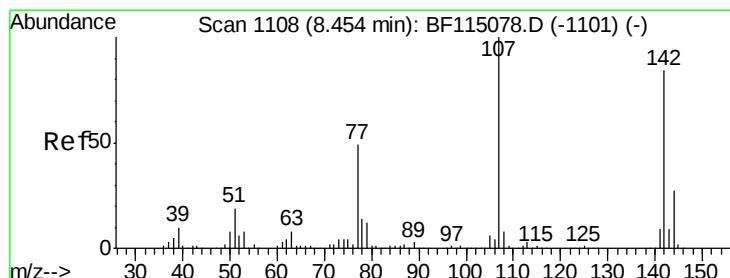
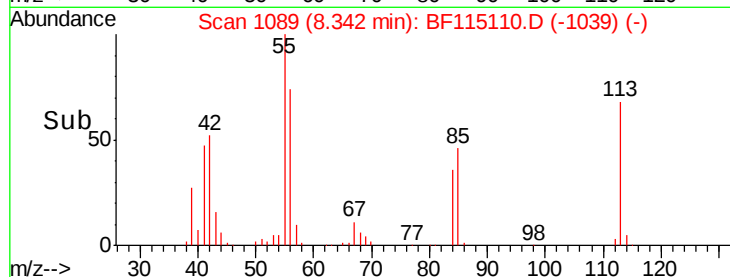
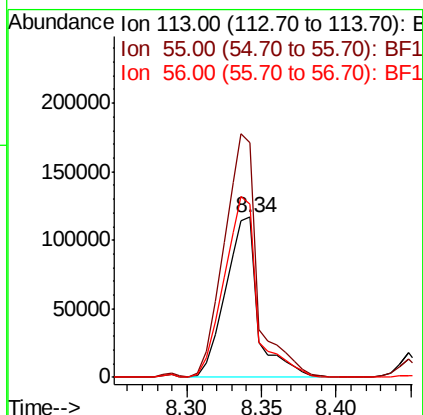
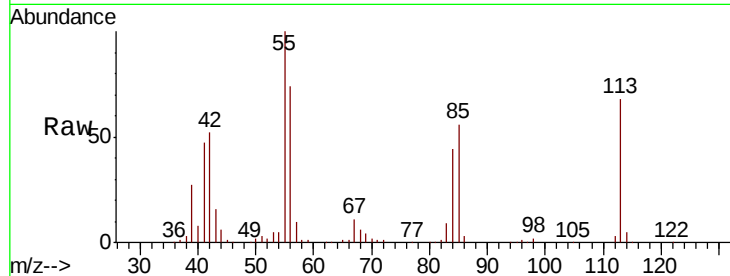




#35
Caprolactam
Concen: 41.234 ng
RT: 8.34 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

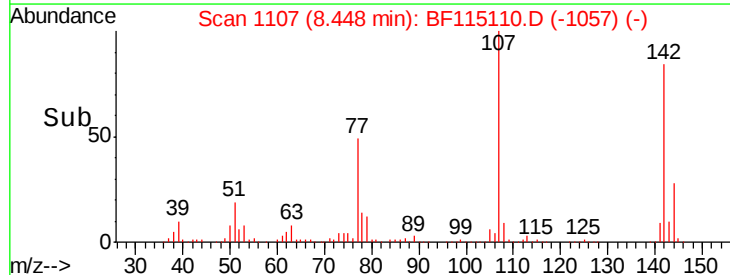
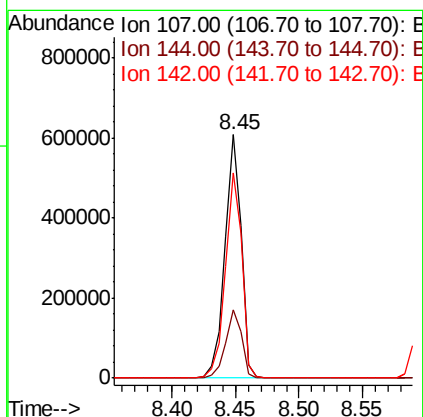
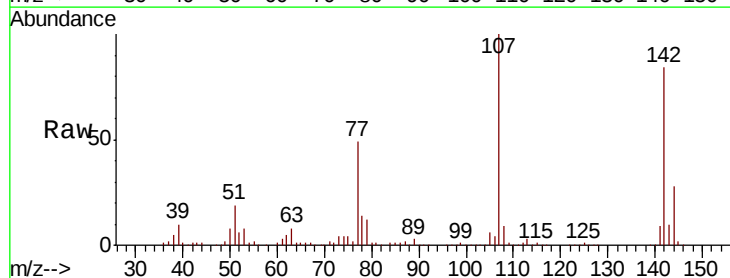
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

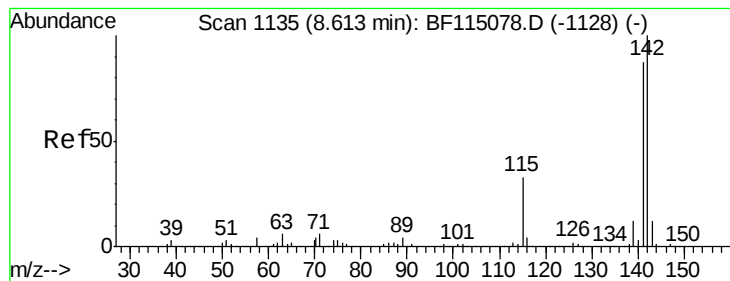
Tot Ion:113 Resp: 179693
Ion Ratio Lower Upper
113 100
55 146.3 130.2 170.2
56 108.1 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 41.357 ng
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:107 Resp: 542878
Ion Ratio Lower Upper
107 100
144 27.8 21.7 32.5
142 84.5 67.0 100.4





#37

2-Methylnaphthalene

Concen: 41.820 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

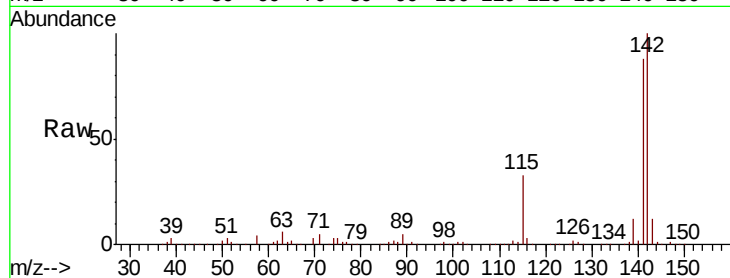
Tot Ion:142 Resp: 1200545

Ion Ratio Lower Upper

142 100

141 87.5 69.8 104.6

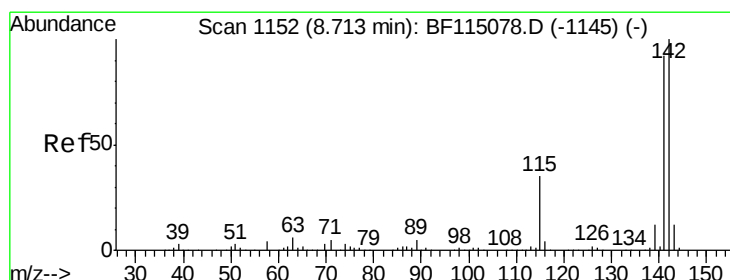
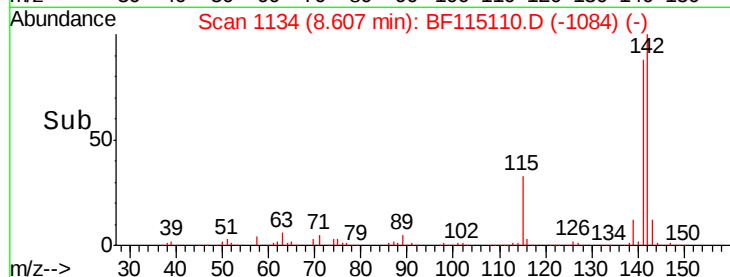
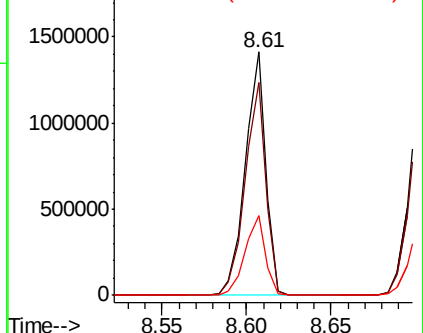
115 32.9 26.7 40.1



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: 42.278 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

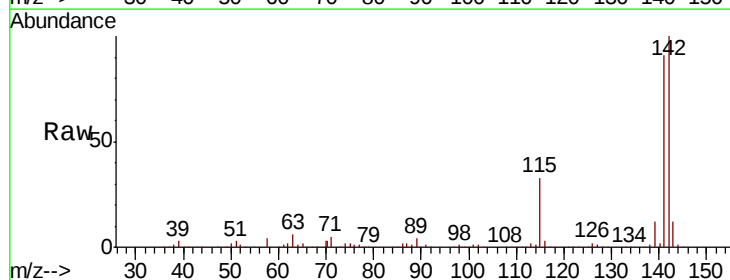
Tgt Ion:142 Resp: 1159173

Ion Ratio Lower Upper

142 100

141 90.5 73.8 110.8

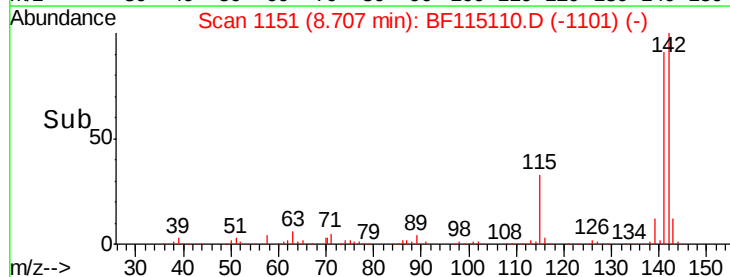
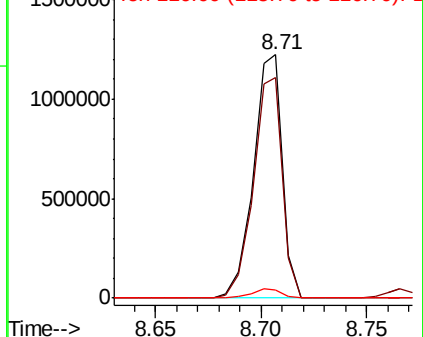
116 3.4 2.8 4.2

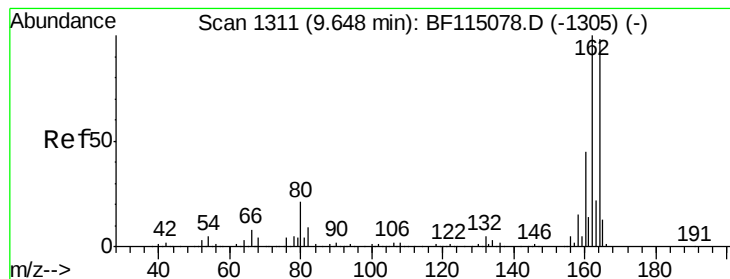


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

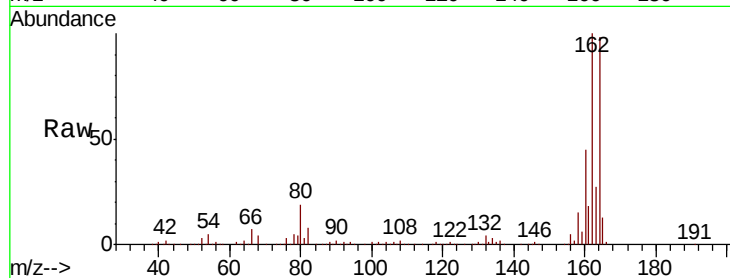
Tot Ion:164 Resp: 431987

Ion Ratio Lower Upper

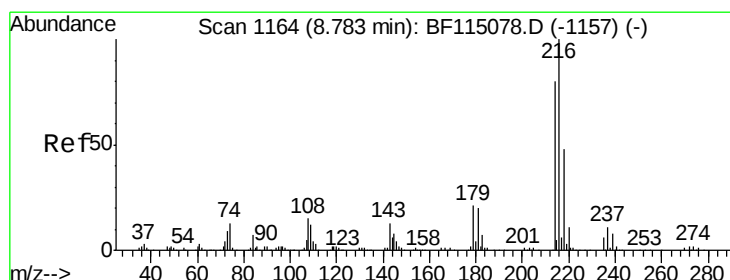
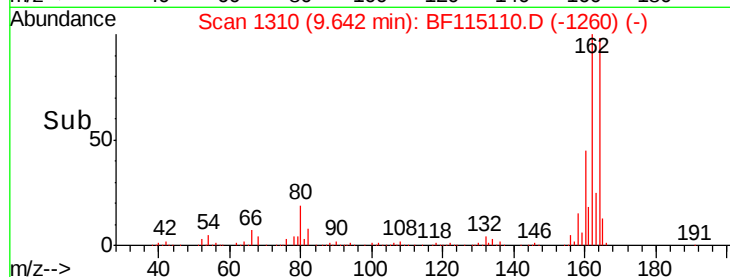
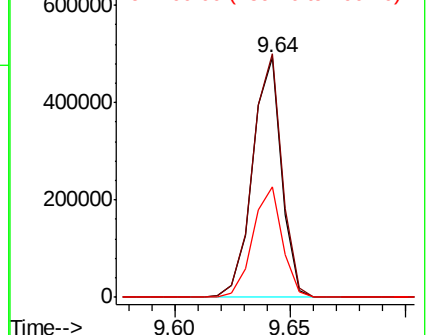
164 100

162 101.6 81.7 122.5

160 46.1 37.0 55.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.352 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Tgt Ion:216 Resp: 517002

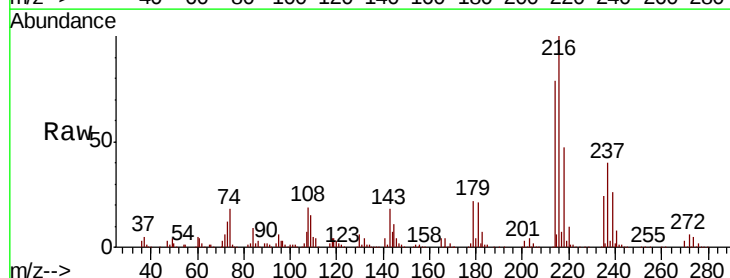
Ion Ratio Lower Upper

216 100

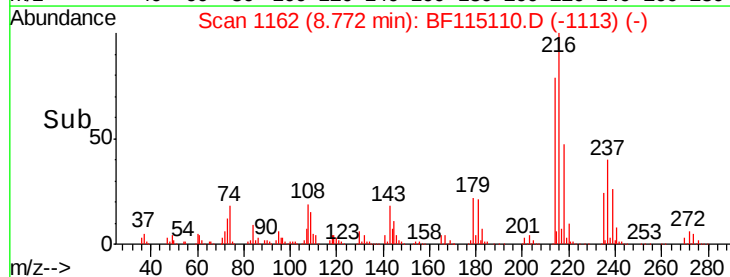
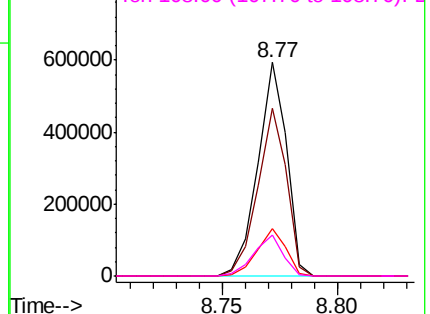
214 78.7 63.8 95.6

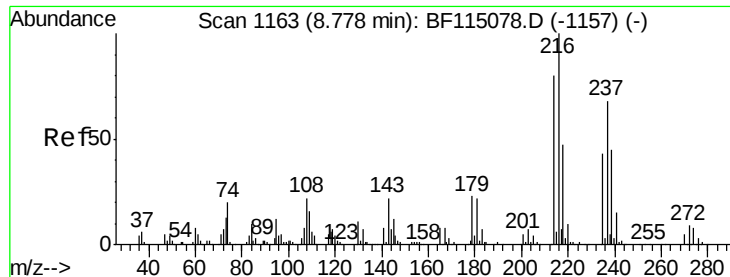
179 22.2 17.6 26.4

108 19.5 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: 38.580 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

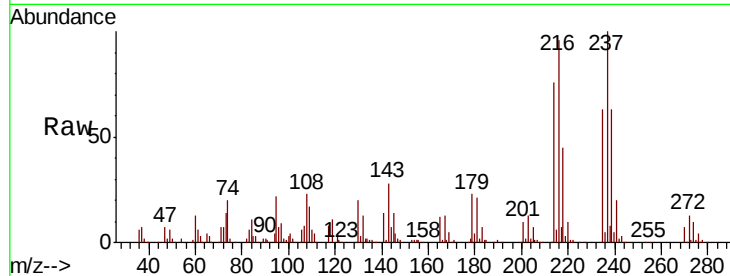
Tot Ion:237 Resp: 279262

Ion Ratio Lower Upper

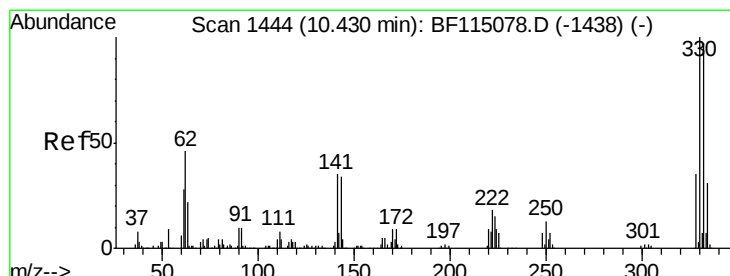
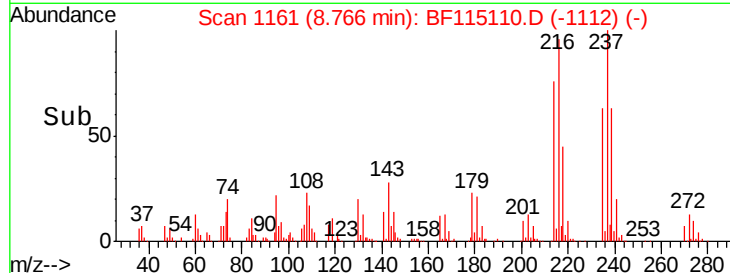
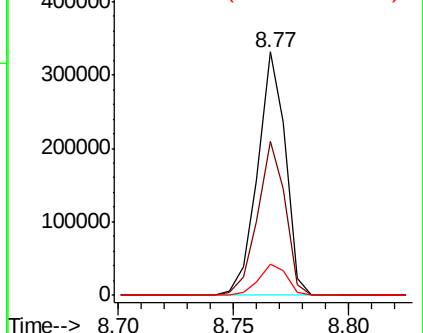
237 100

235 63.1 43.9 83.9

272 12.6 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: 87.402 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

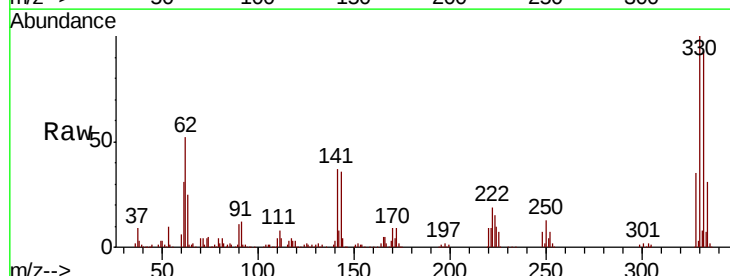
Tgt Ion:330 Resp: 398155

Ion Ratio Lower Upper

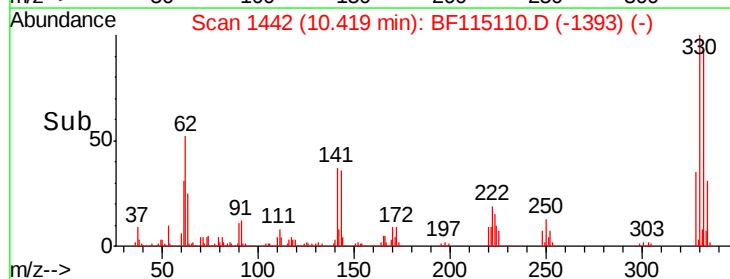
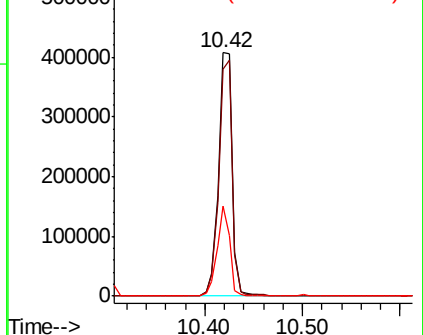
330 100

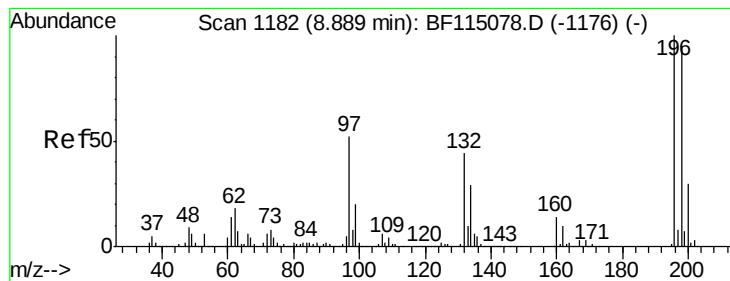
332 95.1 77.3 115.9

141 33.7 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: 40.925 ng

RT: 8.88 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

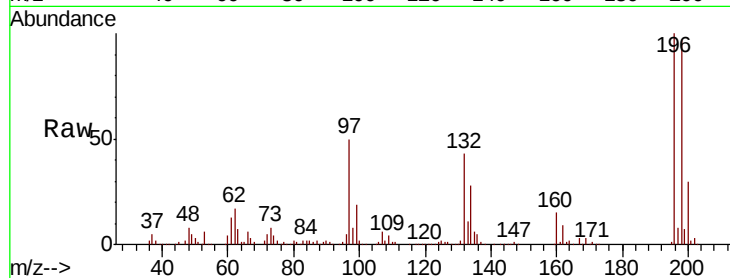
Tot Ion:196 Resp: 385693

Ion Ratio Lower Upper

196 100

198 96.6 76.3 114.5

200 30.5 24.2 36.4

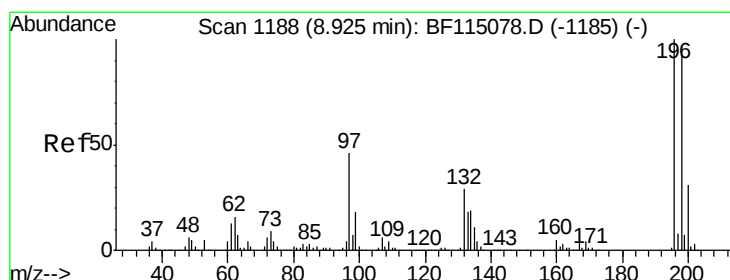
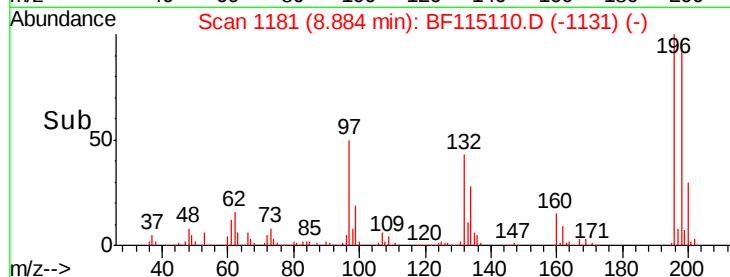
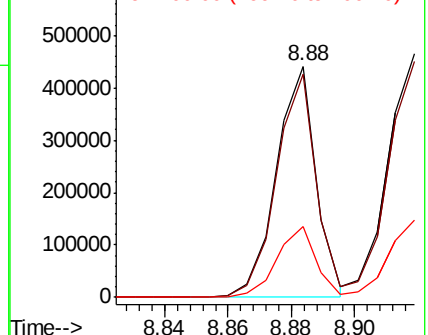


Abundance

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: 42.171 ng

RT: 8.92 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Tgt Ion:196 Resp: 409286

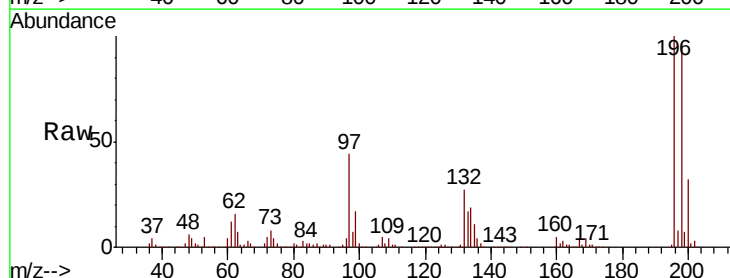
Ion Ratio Lower Upper

196 100

198 96.9 77.1 115.7

97 43.6 37.7 56.5

132 27.4 23.1 34.7



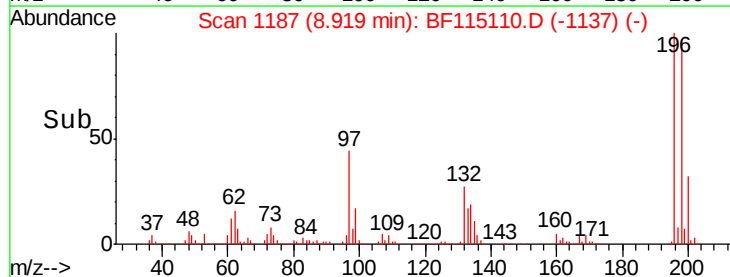
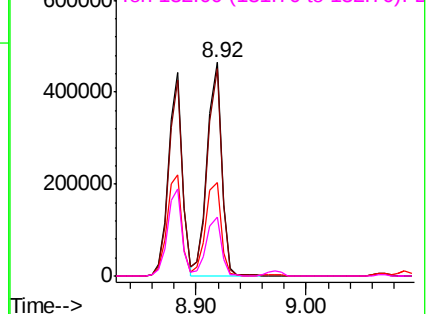
Abundance

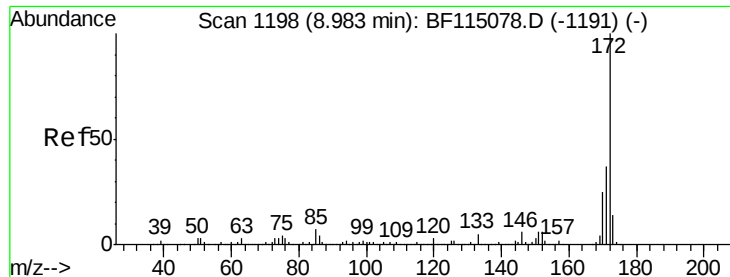
Ion 196.00 (195.70 to 196.70): E

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

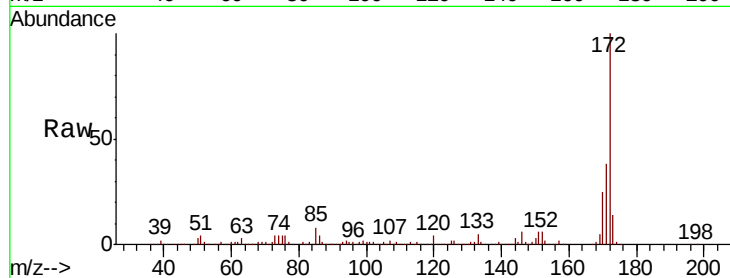




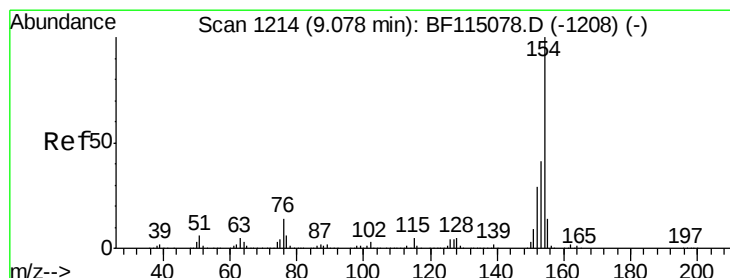
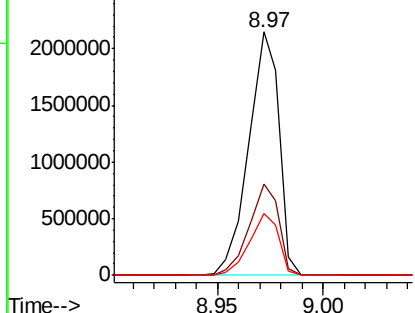
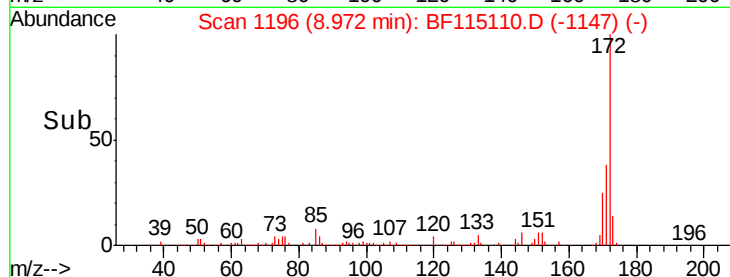
#45
2-Fluorobiphenyl
Concen: 84.555 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 2150371
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.4 20.3 30.5

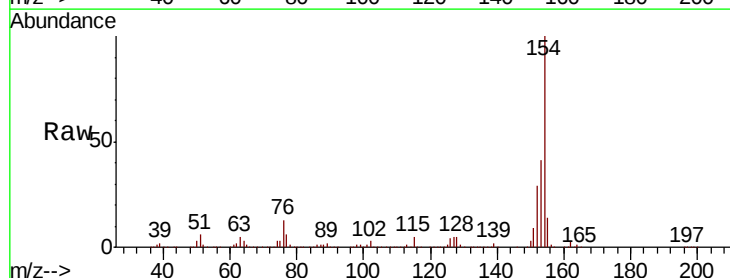


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

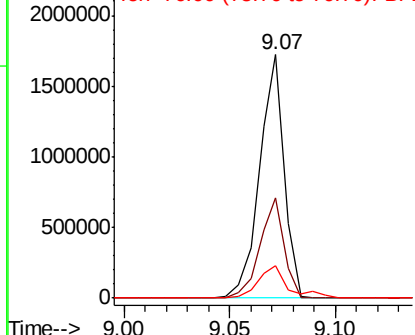
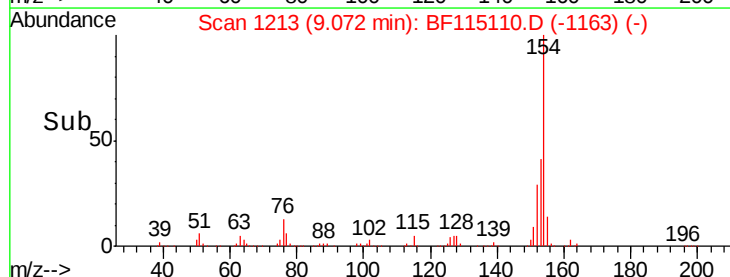


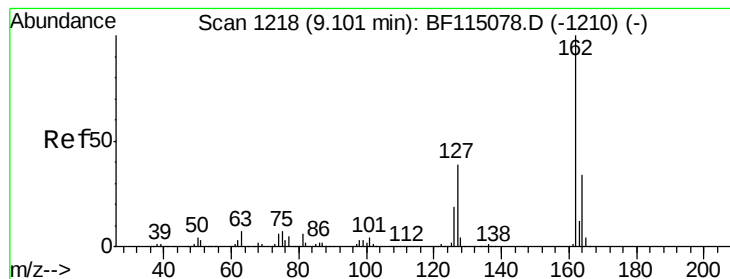
#46
1,1'-Biphenyl
Concen: 40.322 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:154 Resp: 1393731
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 13.2 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 41.772 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

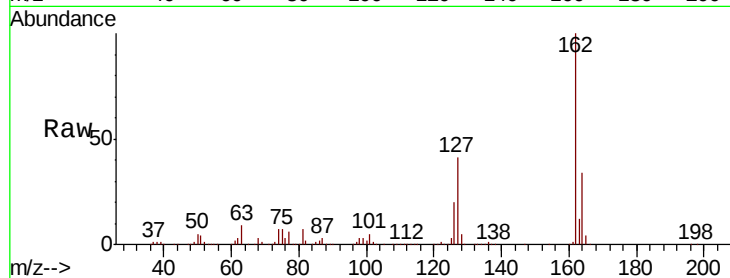
Tot Ion:162 Resp: 1171198

Ion Ratio Lower Upper

162 100

127 41.1 30.8 46.2

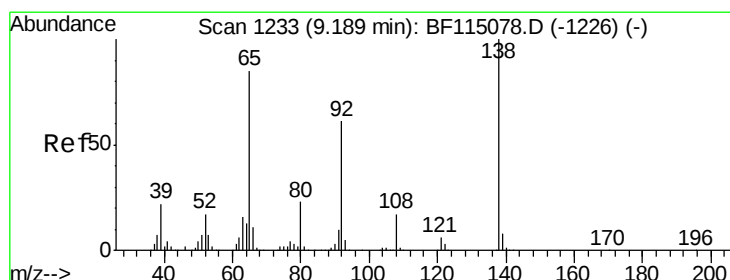
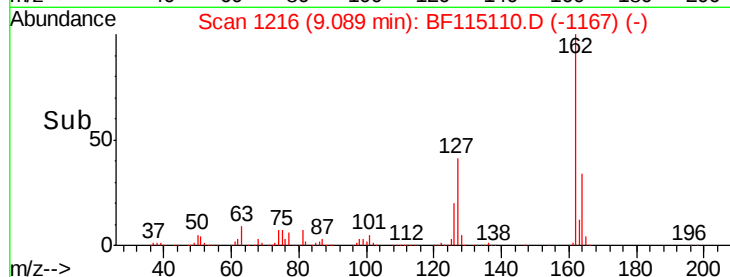
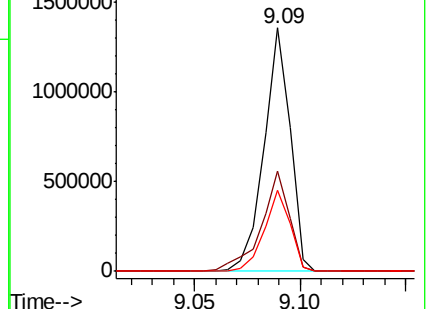
164 33.5 27.0 40.4



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: 43.169 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

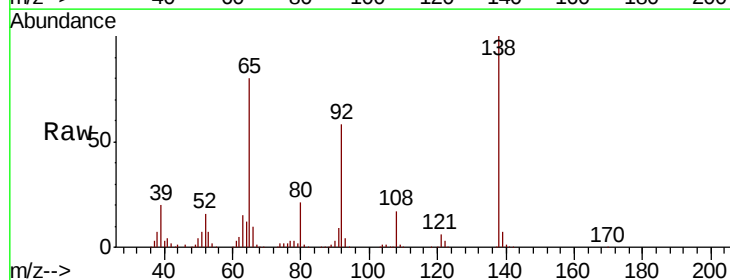
Tgt Ion: 65 Resp: 352870

Ion Ratio Lower Upper

65 100

92 72.7 57.4 86.2

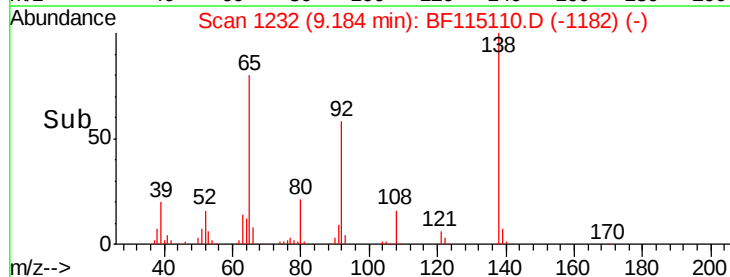
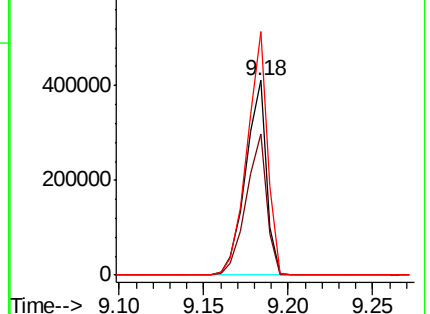
138 125.0 94.1 141.1

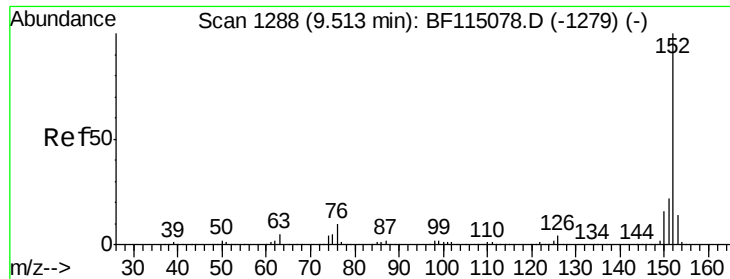


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.743 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

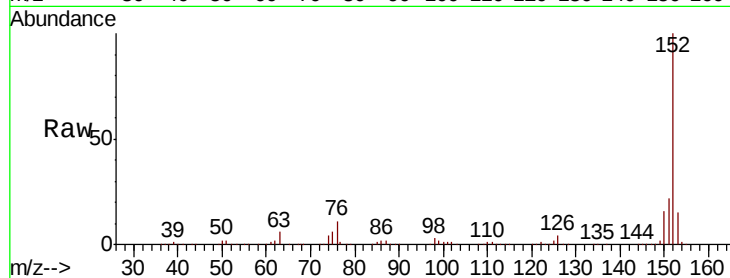
Tot Ion:152 Resp: 1823472

Ion Ratio Lower Upper

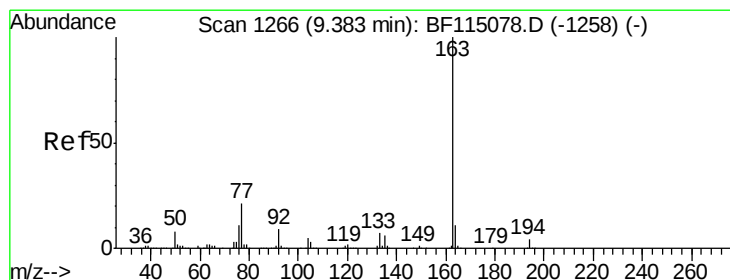
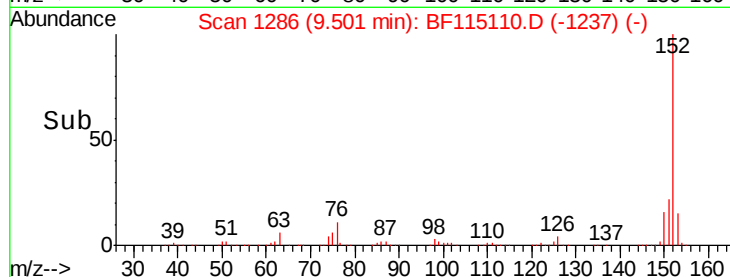
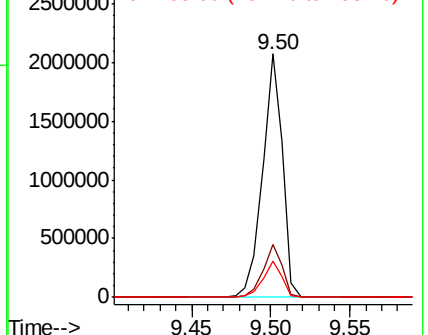
152 100

151 21.7 17.2 25.8

153 14.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.644 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

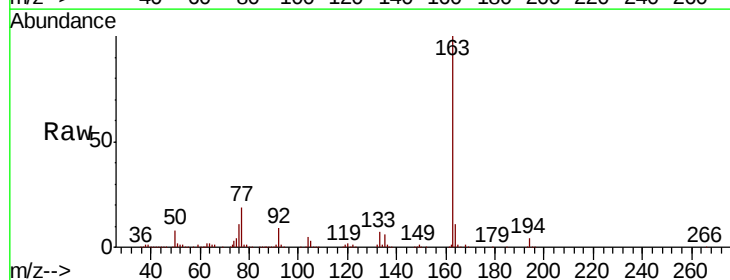
Tgt Ion:163 Resp: 1323525

Ion Ratio Lower Upper

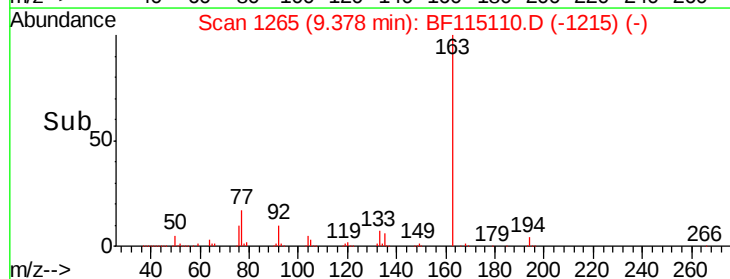
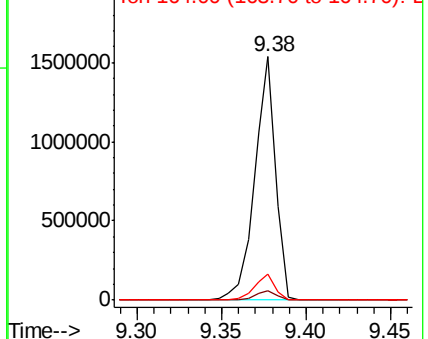
163 100

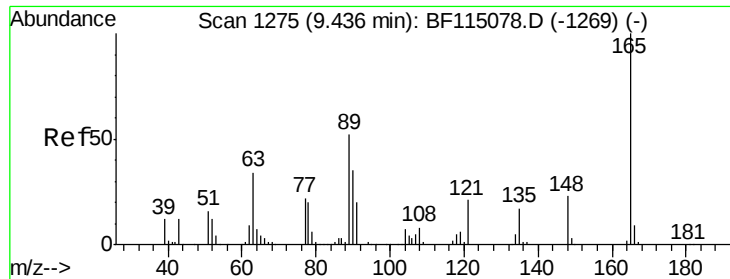
194 4.0 3.2 4.8

164 10.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.411 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

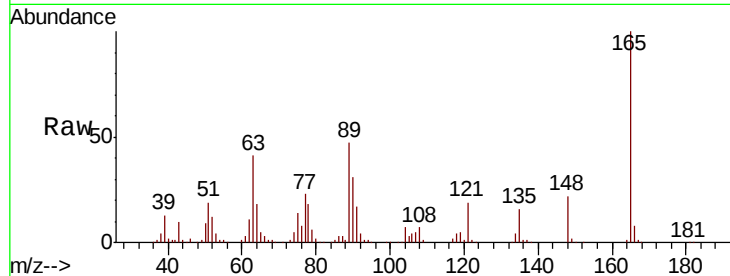
Tot Ion:165 Resp: 311194

Ion Ratio Lower Upper

165 100

63 41.2 39.4 59.2

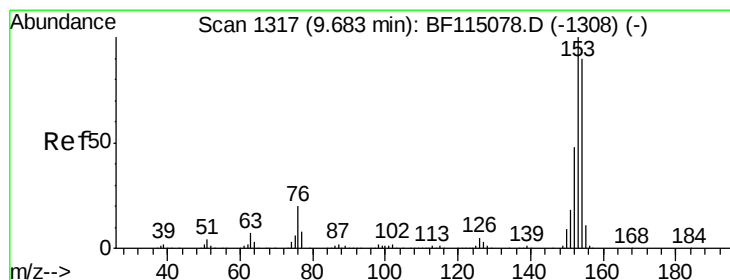
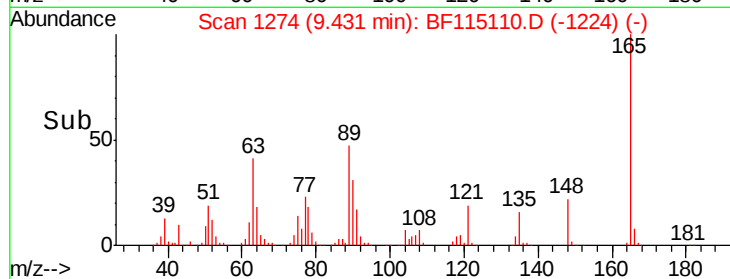
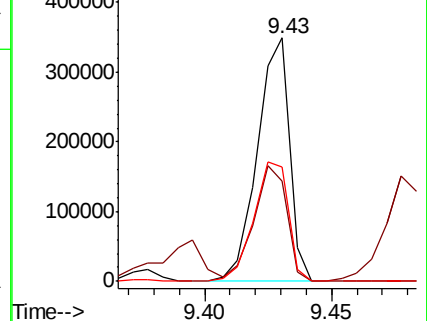
89 47.1 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.519 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

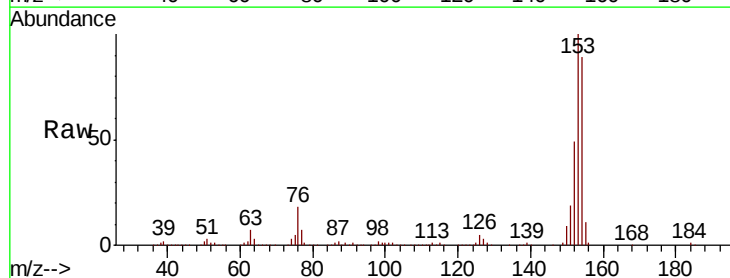
Tgt Ion:154 Resp: 1134925

Ion Ratio Lower Upper

154 100

153 111.9 88.7 133.1

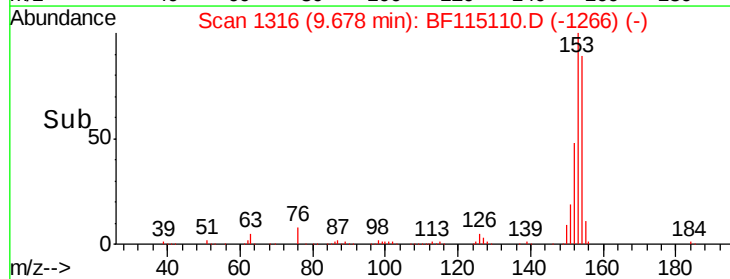
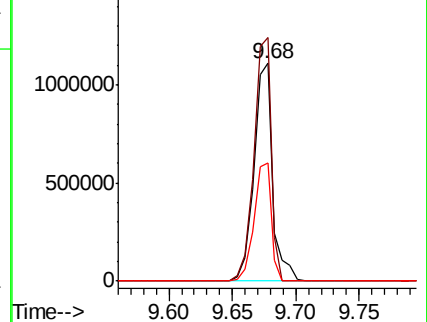
152 54.6 42.6 64.0

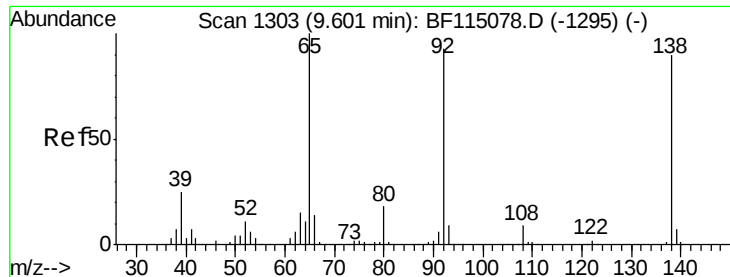


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

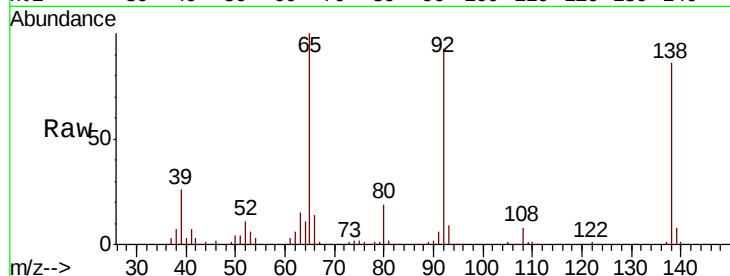




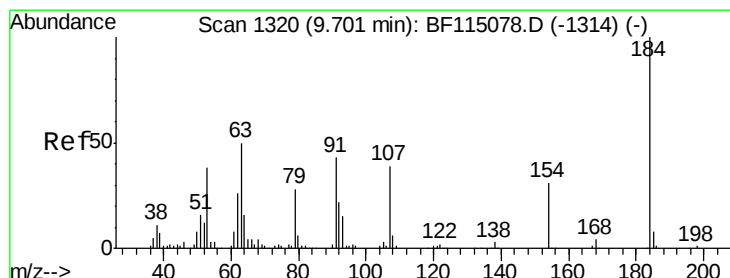
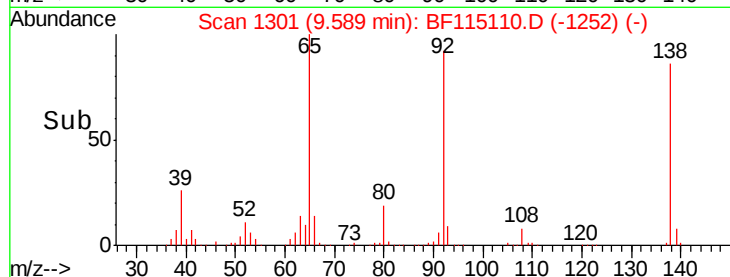
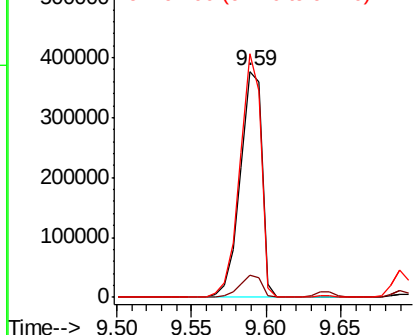
#53
3-Nitroaniline
Concen: 42.709 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 382421
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.6
92 107.6 82.9 124.3

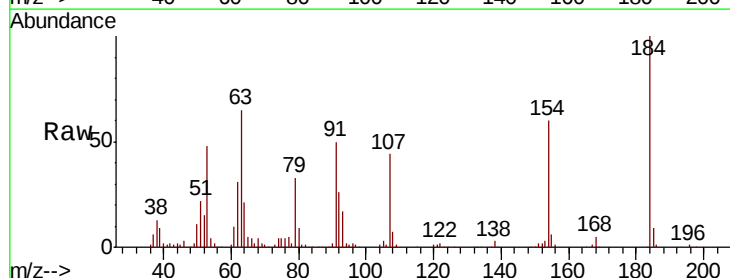


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

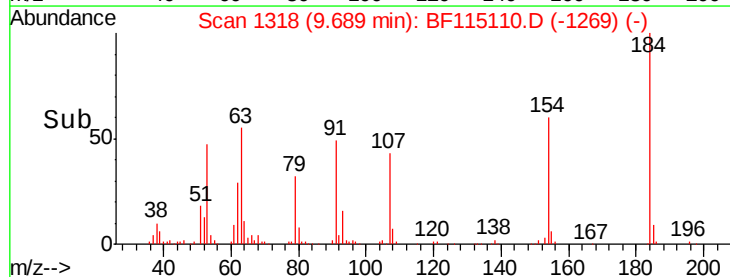
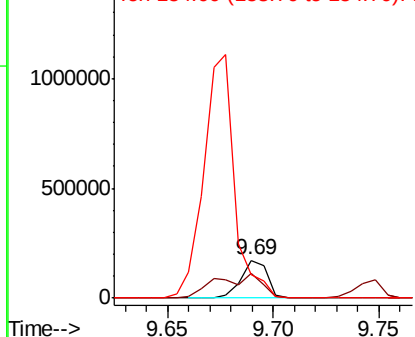


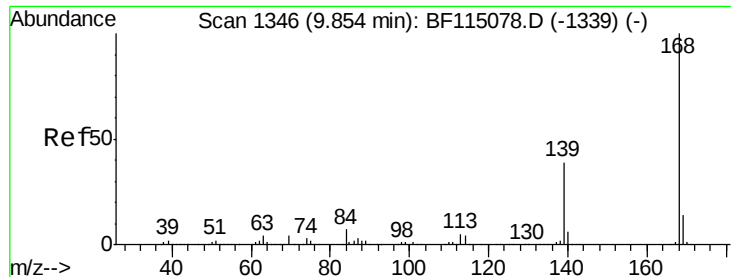
#54
2,4-Dinitrophenol
Concen: 42.881 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:184 Resp: 147739
Ion Ratio Lower Upper
184 100
63 64.9 41.9 62.9#
154 60.4 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: 40.547 ng

RT: 9.85 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

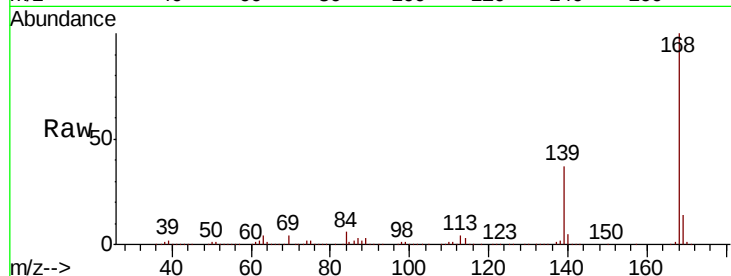
Tot Ion:168 Resp: 1590785

Ion Ratio Lower Upper

168 100

139 37.5 31.1 46.7

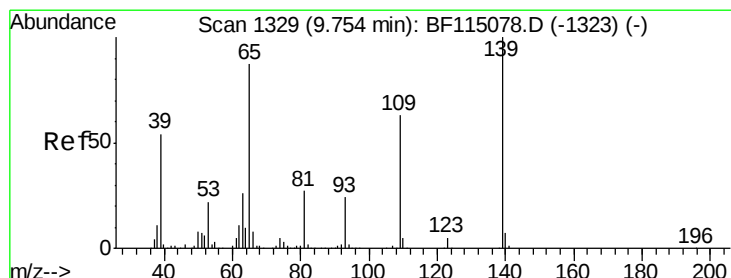
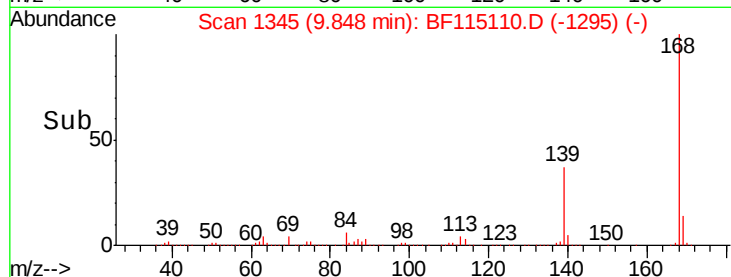
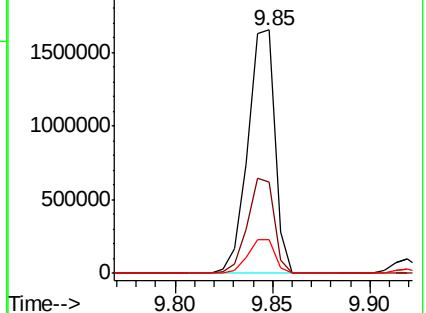
169 13.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.394 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

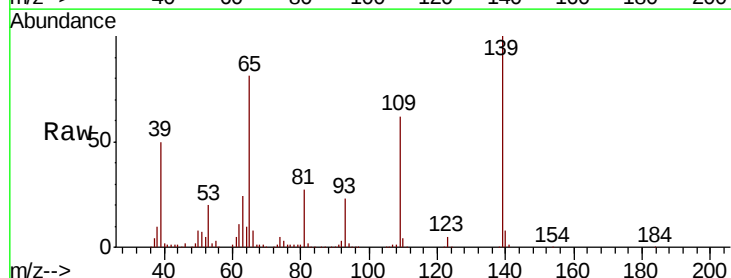
Tgt Ion:139 Resp: 304331

Ion Ratio Lower Upper

139 100

109 61.9 43.0 83.0

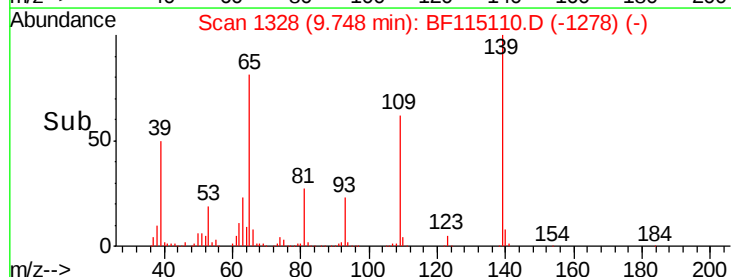
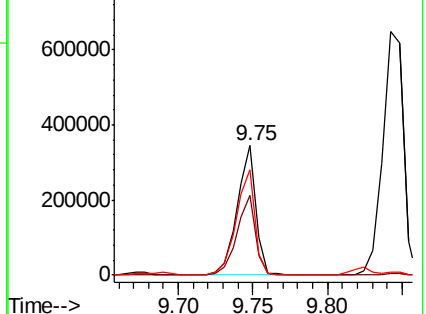
65 81.5 67.0 107.0

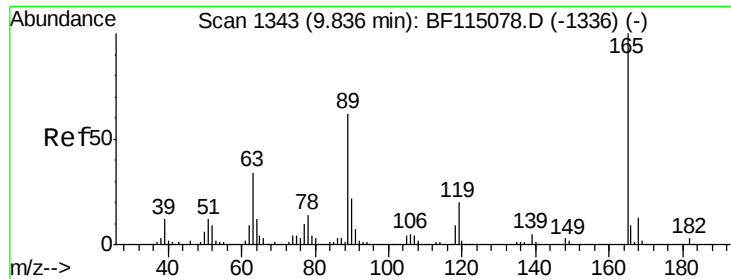


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

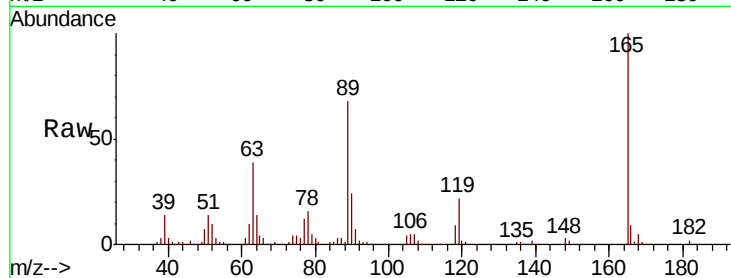




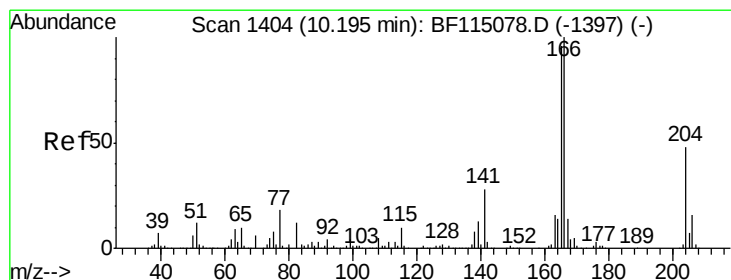
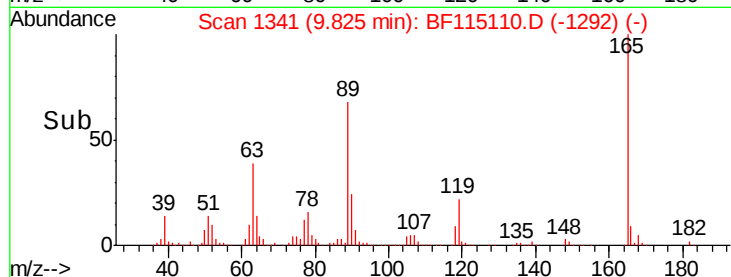
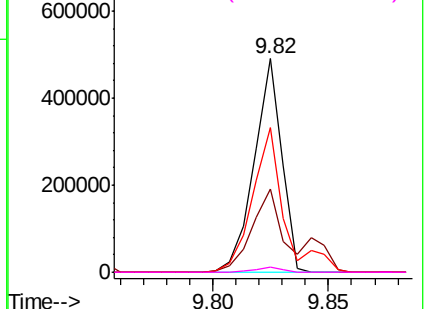
#57
2,4-Dinitrotoluene
Concen: 43.316 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165	Resp:	410390
Ion	Ratio	Lower Upper
165	100	
63	38.8	27.5 41.3
89	68.0	49.9 74.9
182	2.5	2.1 3.1

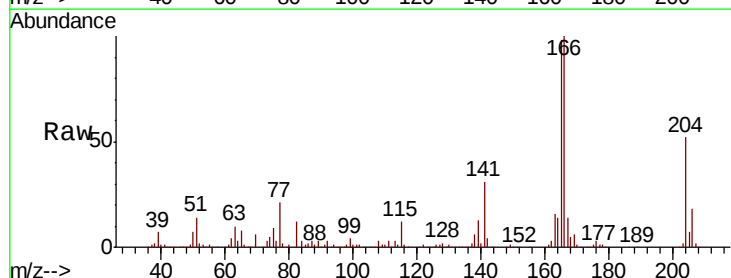


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

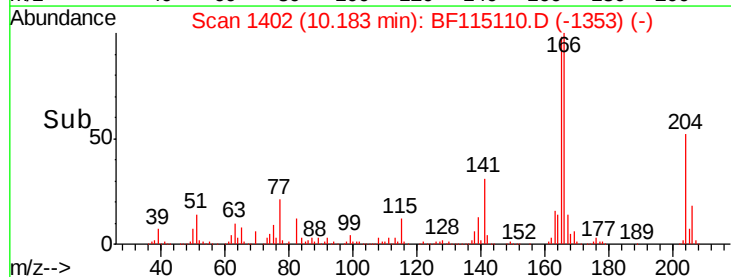
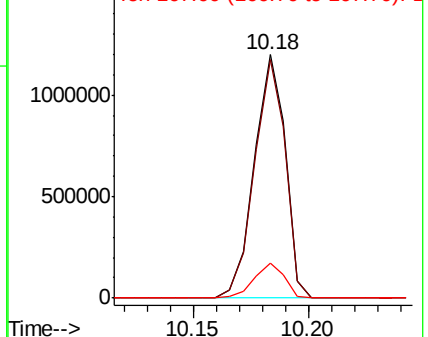


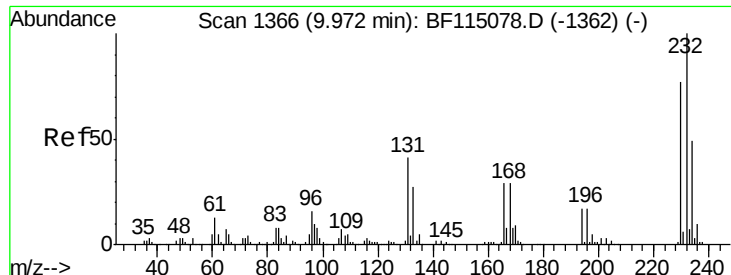
#58
Fluorene
Concen: 42.780 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:166	Resp:	1125961
Ion	Ratio	Lower Upper
166	100	
165	97.8	76.5 114.7
167	14.2	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

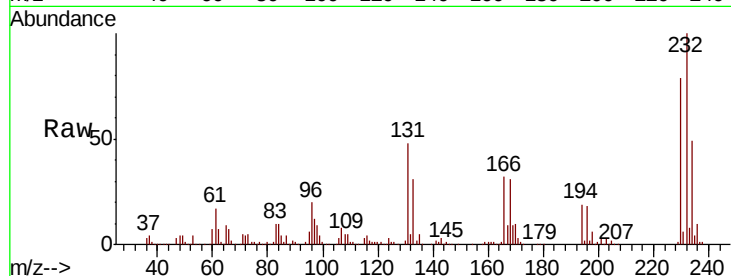




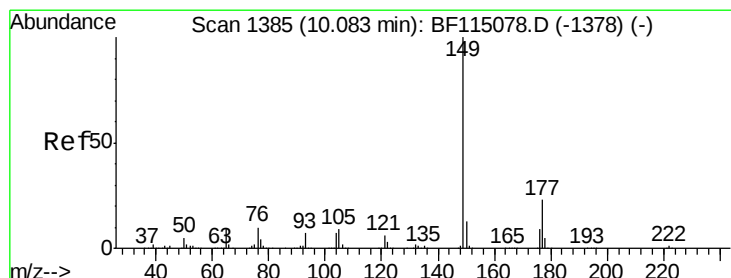
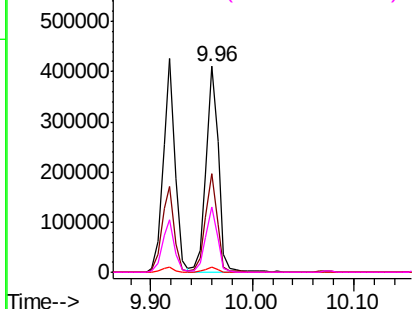
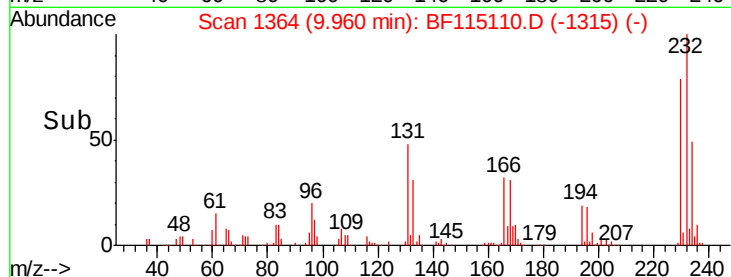
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.484 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:232 Resp: 345741
 Ion Ratio Lower Upper
 232 100
 131 46.2 37.4 56.0
 130 2.2 1.8 2.6
 166 30.3 24.6 36.8

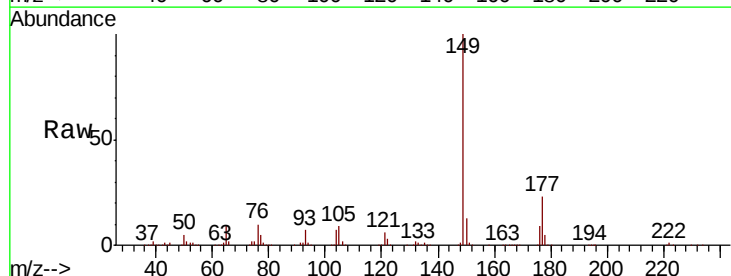


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

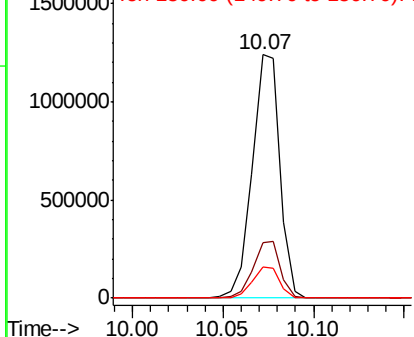
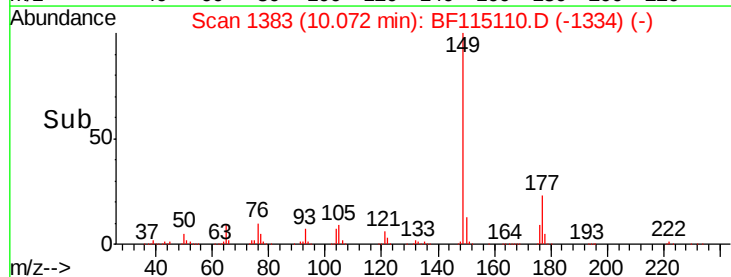


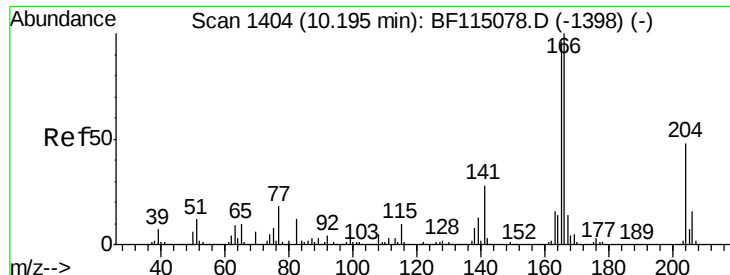
#60
 Diethylphthalate
 Concen: 41.095 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Tgt Ion:149 Resp: 1312889
 Ion Ratio Lower Upper
 149 100
 177 22.9 18.7 28.1
 150 12.9 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

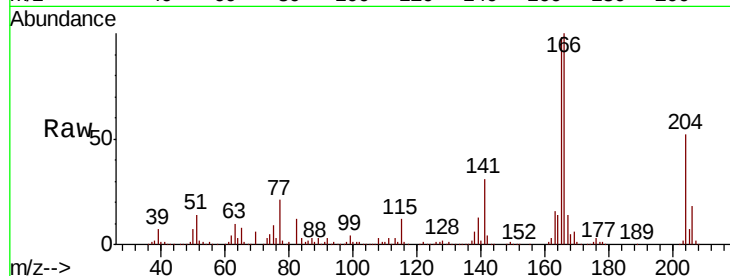




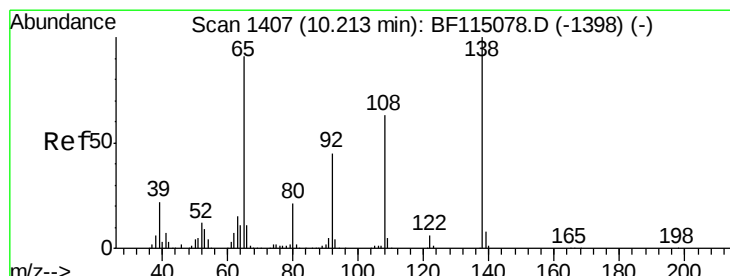
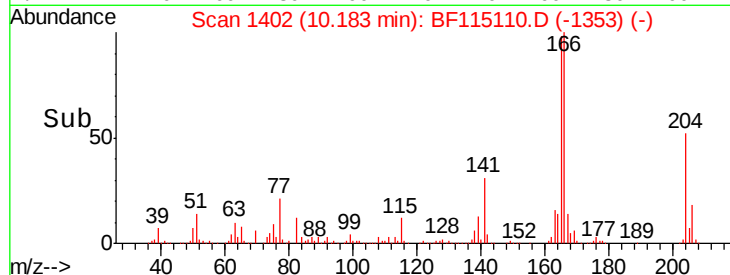
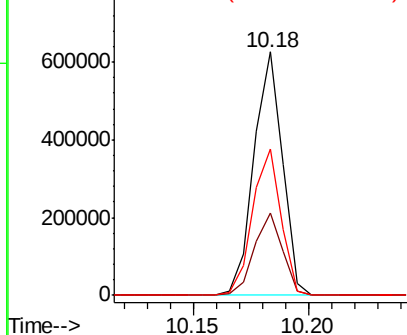
#61
4-Chlorophenyl-phenylether
Concen: 43.401 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 541747
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 60.0 46.7 70.1

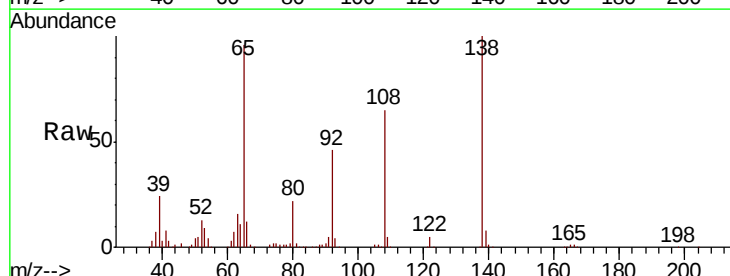


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

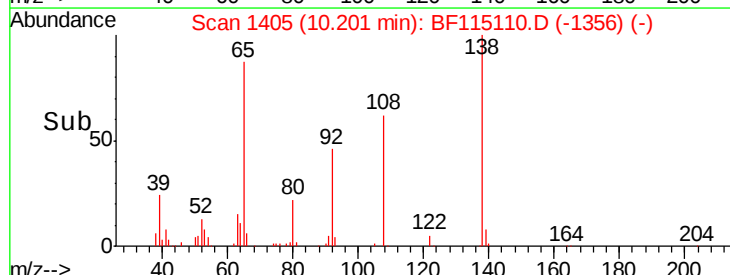
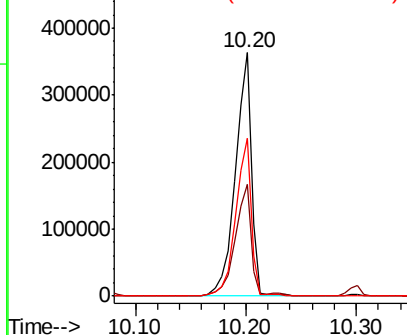


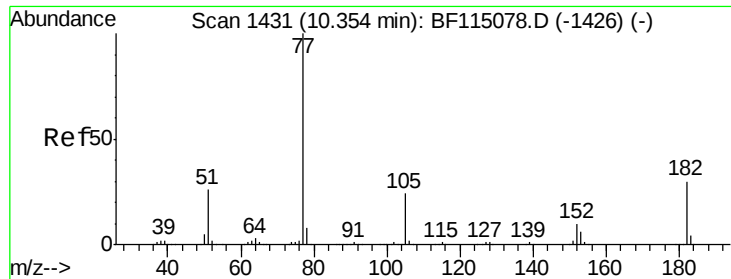
#62
4-Nitroaniline
Concen: 41.573 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:138 Resp: 373439
Ion Ratio Lower Upper
138 100
92 45.9 24.8 64.8
108 64.9 43.3 83.3



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

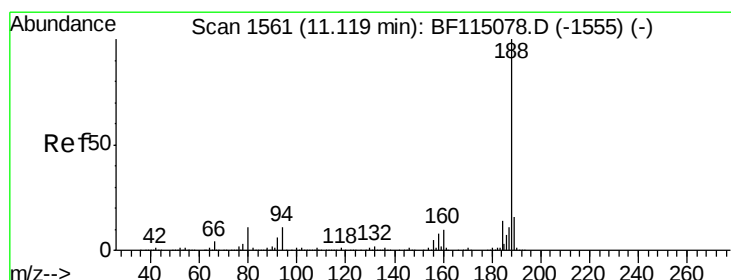
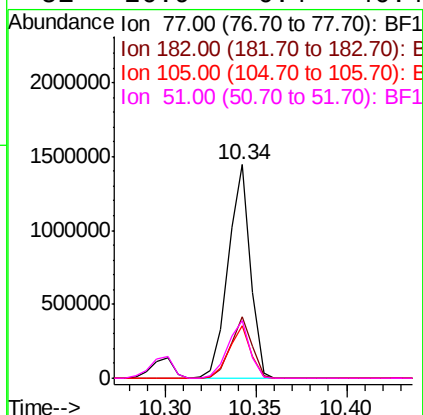
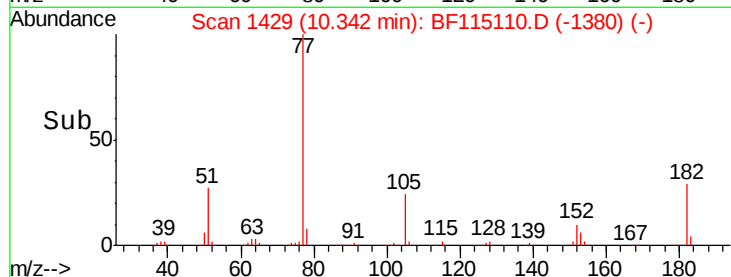
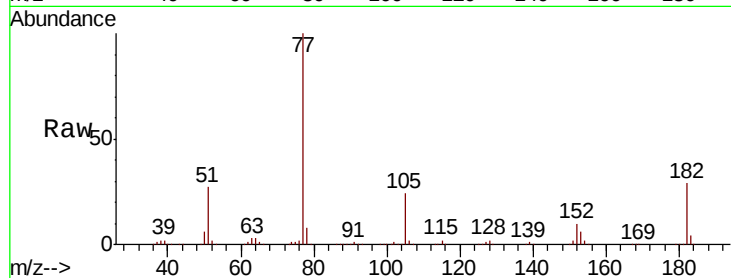




#63
Azobenzene
Concen: 41.092 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

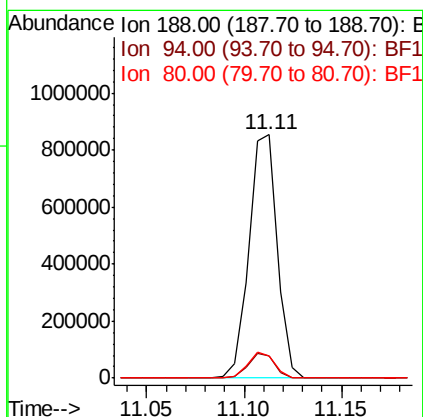
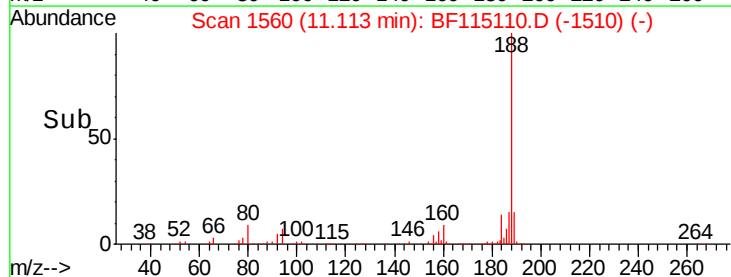
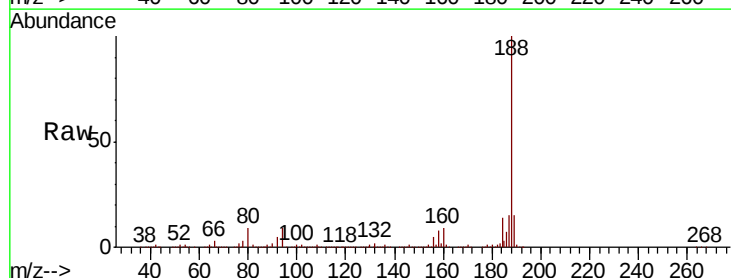
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

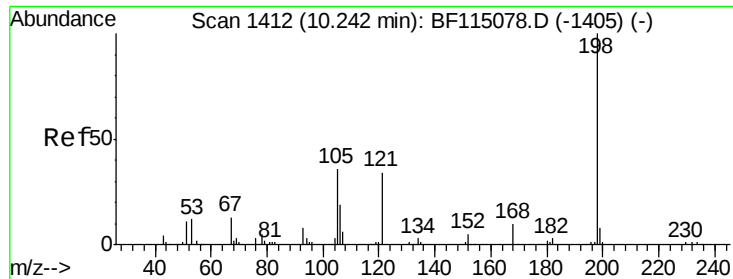
Tot Ion: 77 Resp: 1226194
Ion Ratio Lower Upper
77 100
182 28.9 10.1 50.1
105 24.3 4.5 44.5
51 26.9 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion: 188 Resp: 853688
Ion Ratio Lower Upper
188 100
94 8.9 8.6 12.8
80 9.0 8.8 13.2

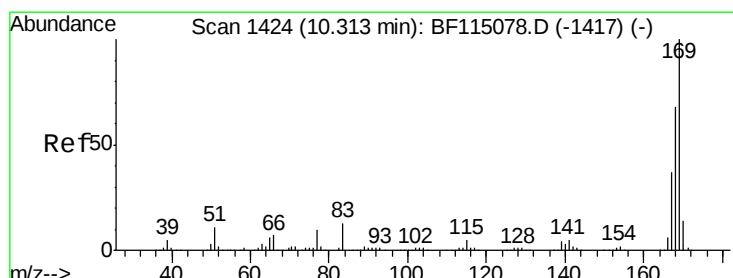
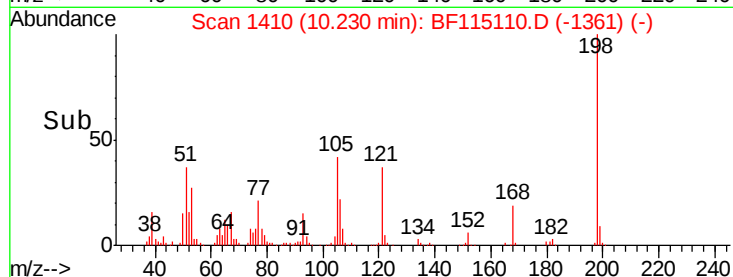
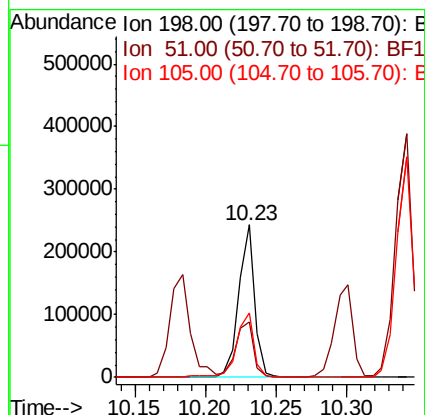
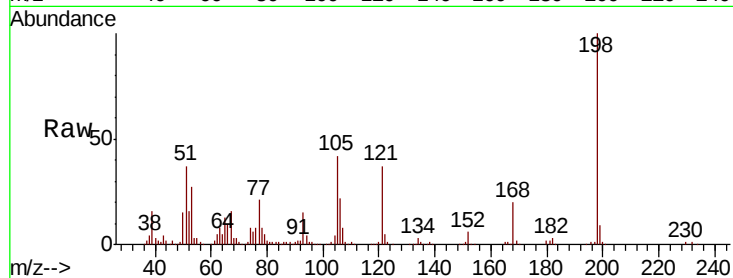




#65
4,6-Dinitro-2-methylphenol
Concen: 42.752 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

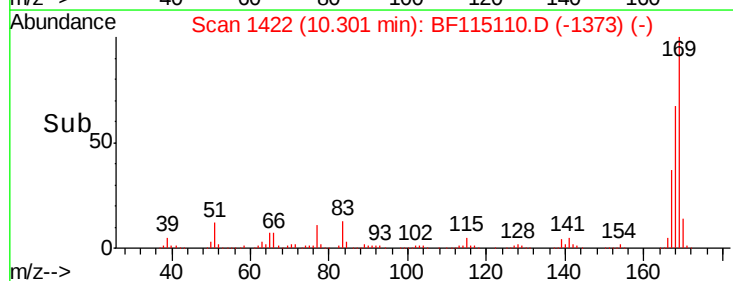
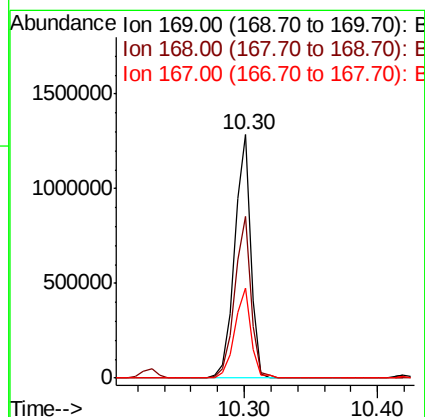
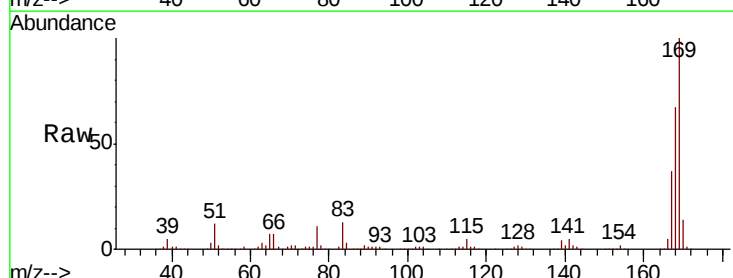
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

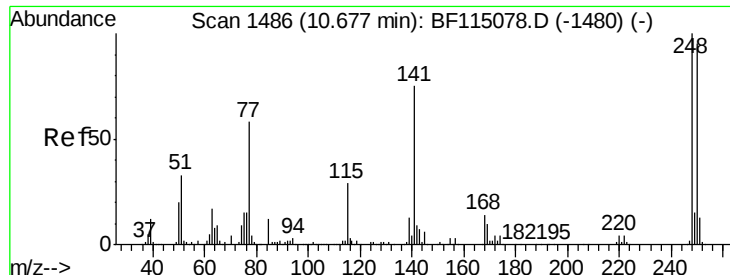
Tot Ion:198 Resp: 191449
Ion Ratio Lower Upper
198 100
51 36.7 11.0 51.0
105 41.8 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 41.054 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:169 Resp: 1091897
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 37.0 29.4 44.0

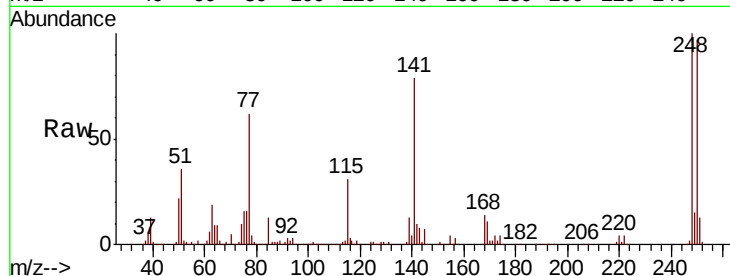




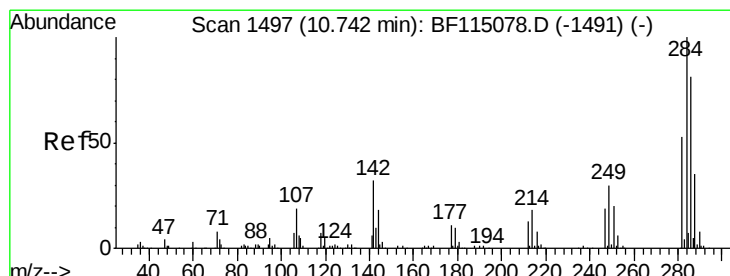
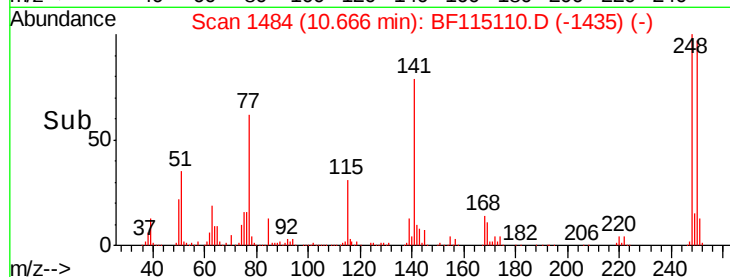
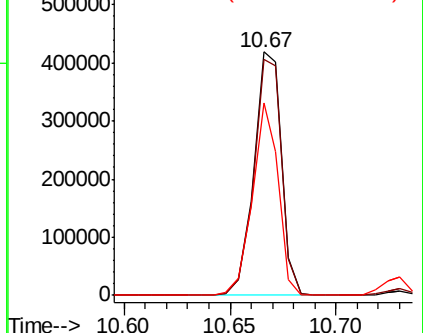
#67
 4-Bromophenyl-phenylether
 Concen: 41.247 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:248 Resp: 381774
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.2 114.2
 141 79.2 59.6 89.4

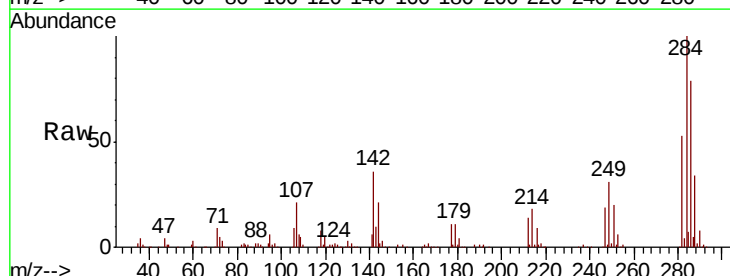


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

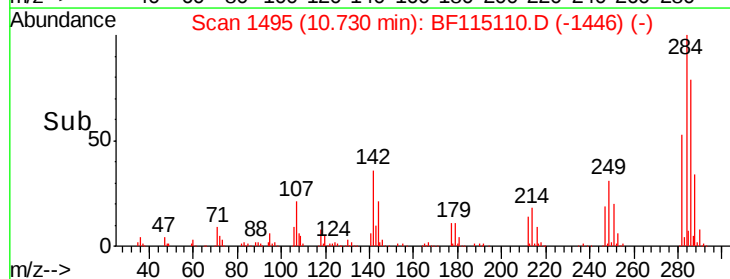
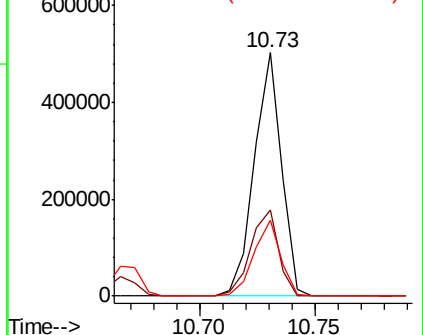


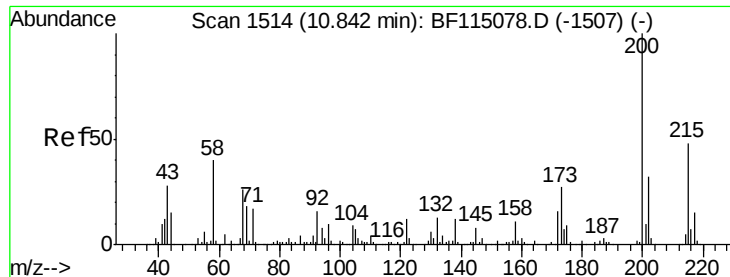
#68
 Hexachlorobenzene
 Concen: 41.316 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Tgt Ion:284 Resp: 415078
 Ion Ratio Lower Upper
 284 100
 142 35.6 25.8 38.8
 249 31.3 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

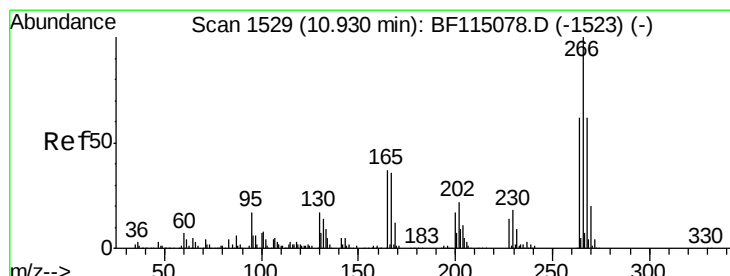
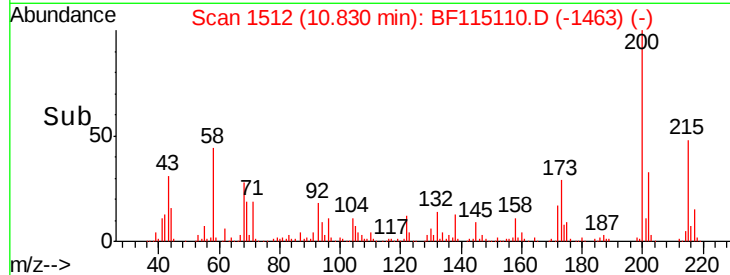
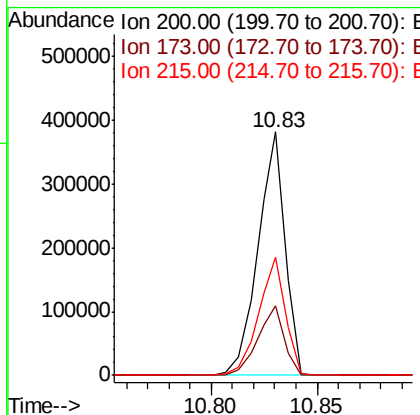
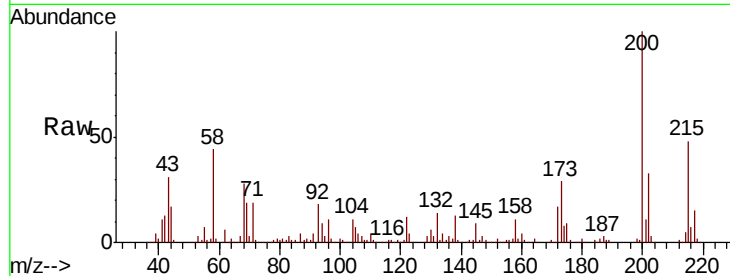




#69
 Atrazine
 Concen: 39.653 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

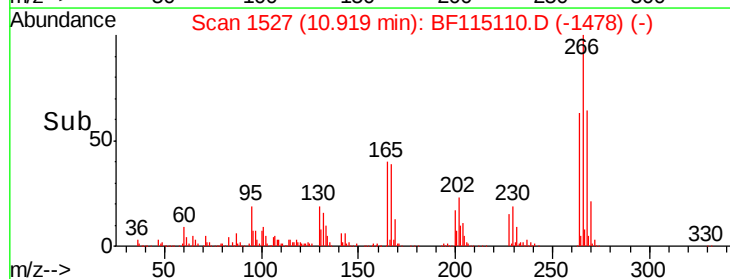
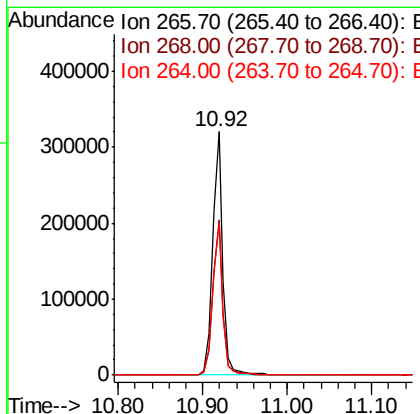
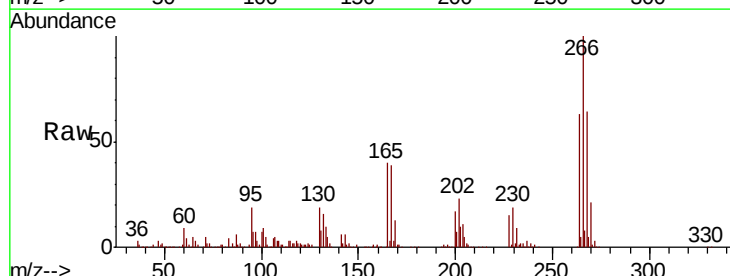
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

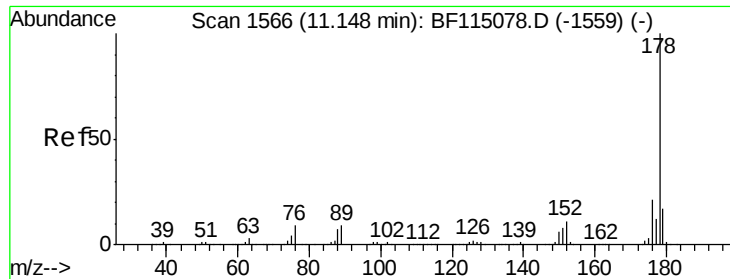
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.4	47.4
215	48.3	27.8	67.8



#70
 Pentachlorophenol
 Concen: 43.040 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.5	74.3
264	62.7	49.3	73.9

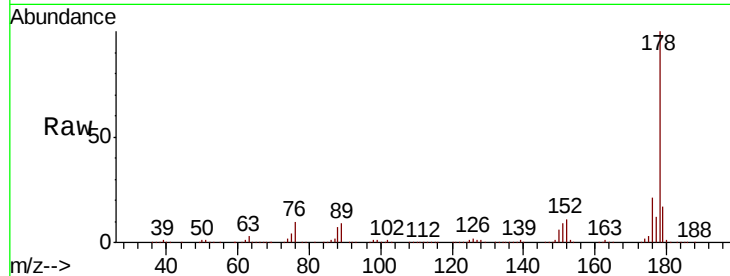




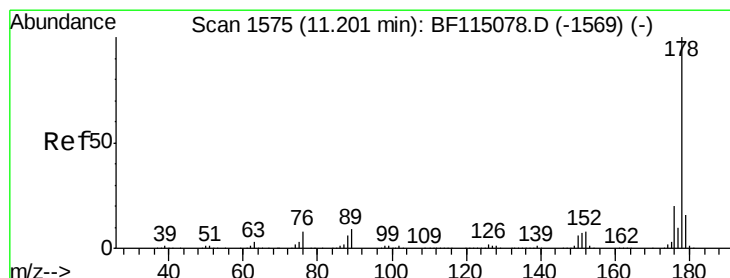
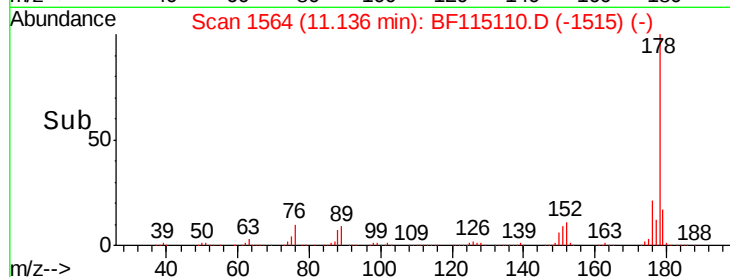
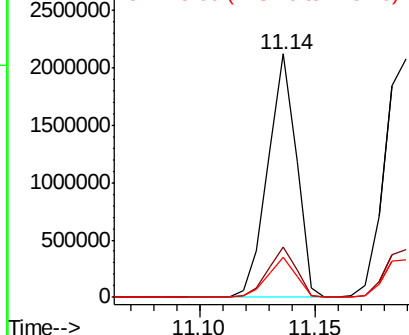
#71
Phenanthrene
Concen: 39.929 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1835284
Ion Ratio Lower Upper
178 100
176 20.8 16.9 25.3
179 16.7 13.2 19.8

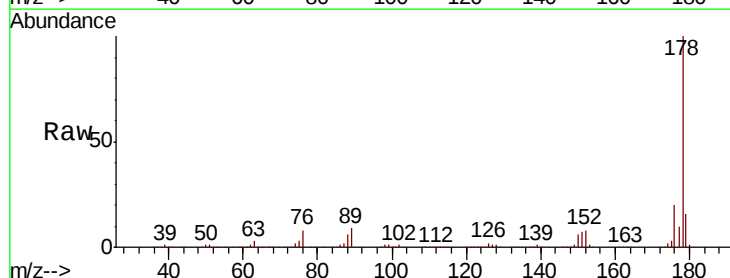


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

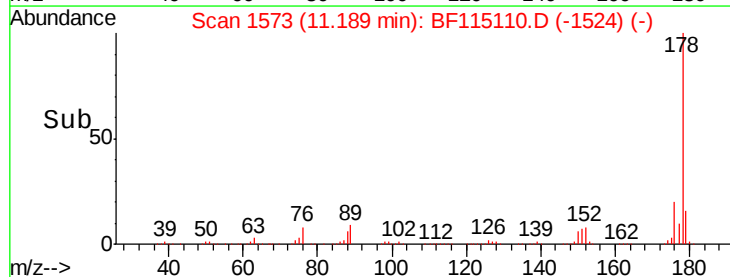
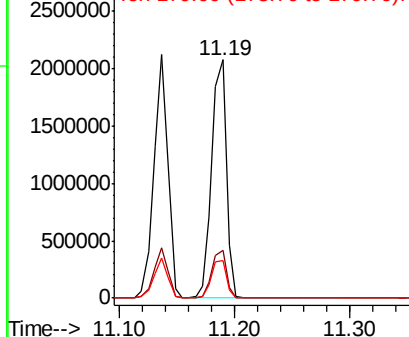


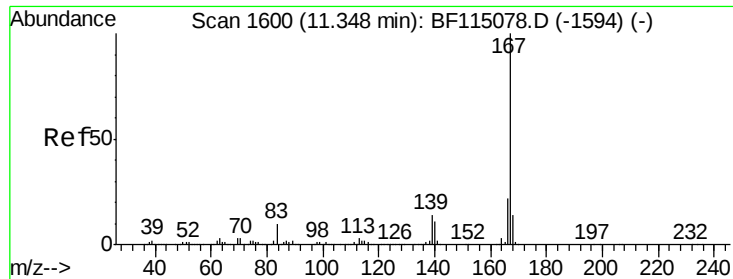
#72
Anthracene
Concen: 39.859 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:178 Resp: 1849362
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.0 12.9 19.3



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

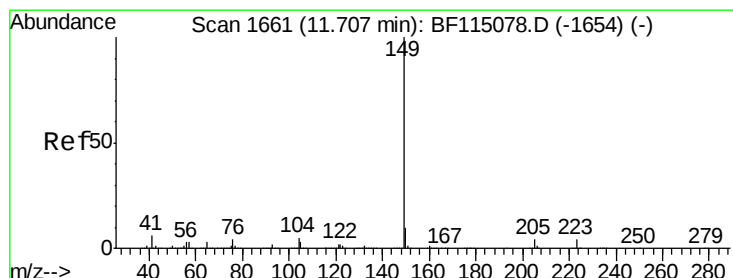
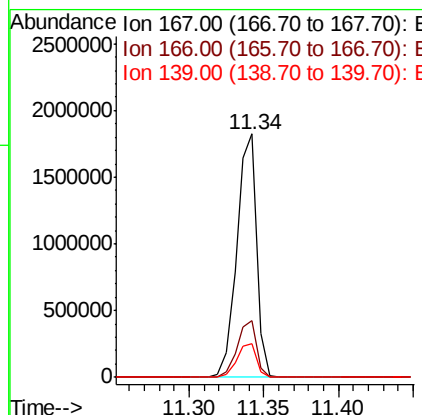
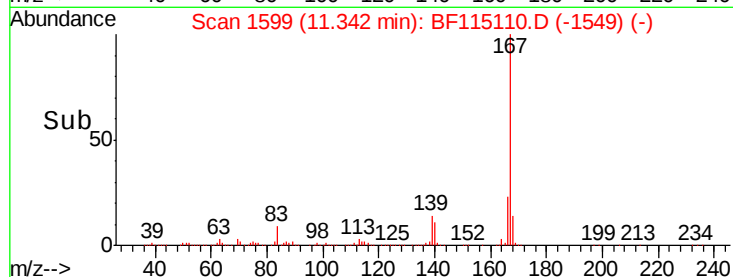
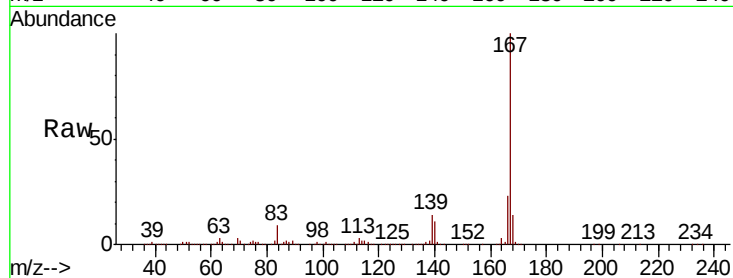




#73
 Carbazole
 Concen: 41.008 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

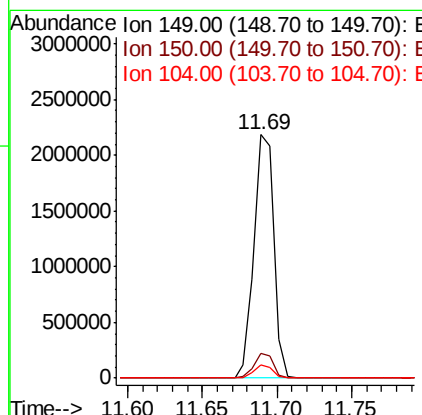
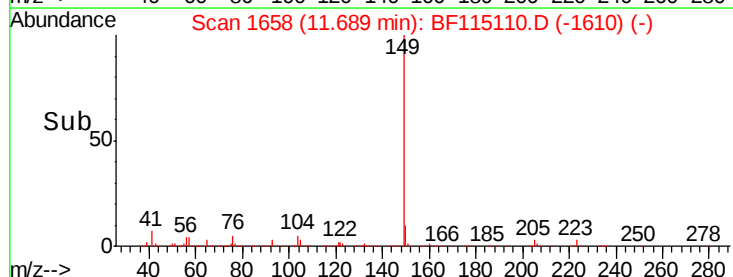
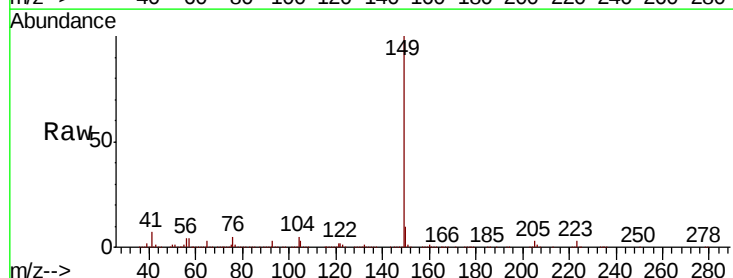
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

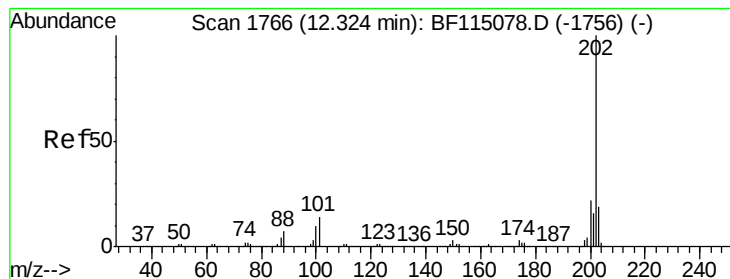
Tot Ion:167 Resp: 1699015
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 13.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.771 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115110.D
 Acq: 22 Jun 2019 10:31

Tgt Ion:149 Resp: 1999810
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 5.2 3.7 5.5





#75

Fluoranthene

Concen: 41.900 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

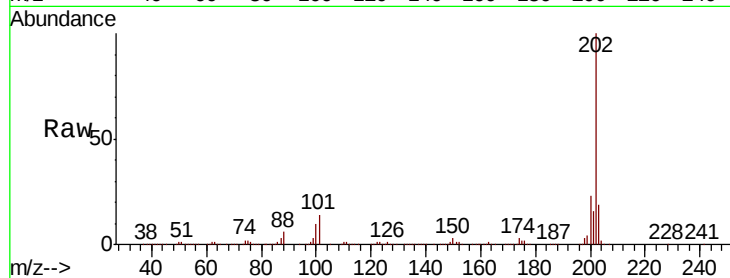
Tot Ion:202 Resp: 1921521

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.0

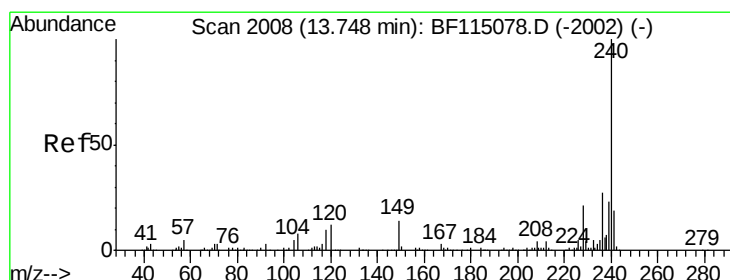
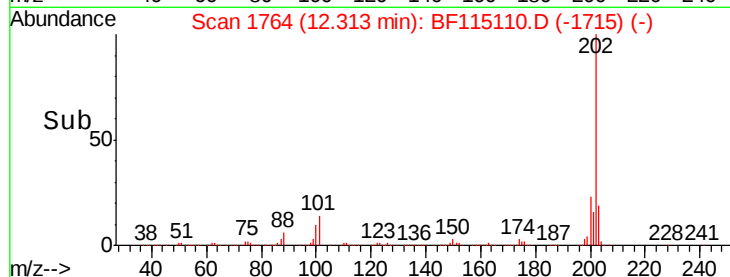
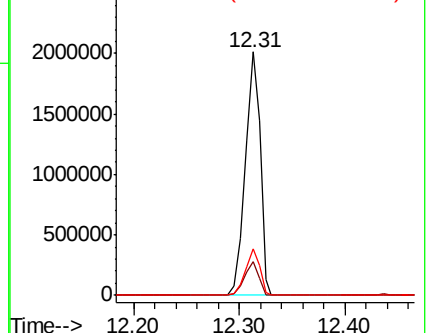
203 19.0 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

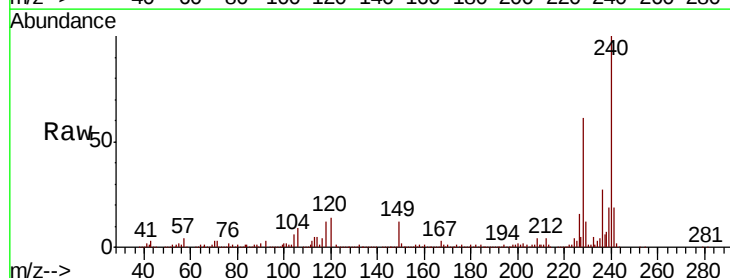
Tgt Ion:240 Resp: 635605

Ion Ratio Lower Upper

240 100

120 13.5 9.4 14.2

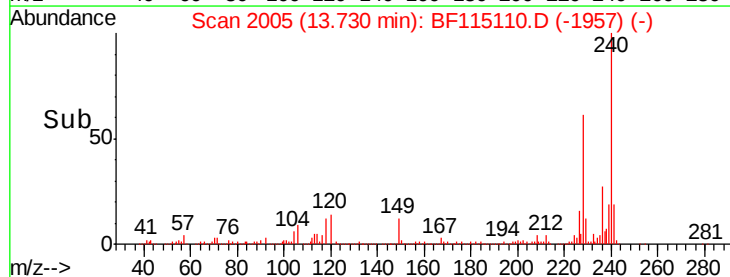
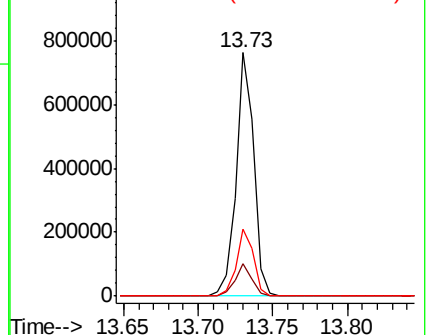
236 27.3 21.7 32.5

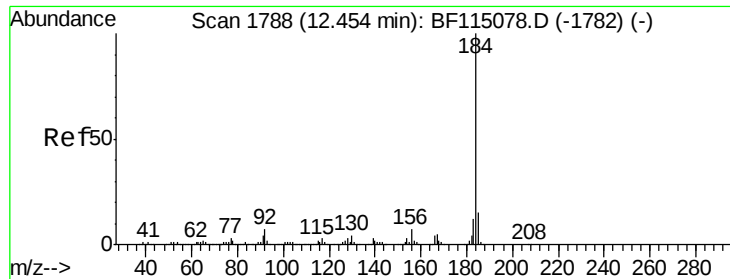


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.113 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

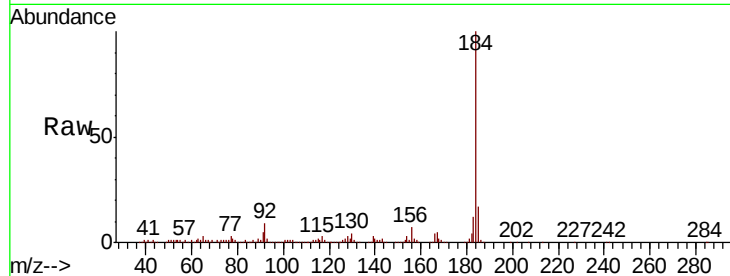
Tot Ion:184 Resp: 1075668

Ion Ratio Lower Upper

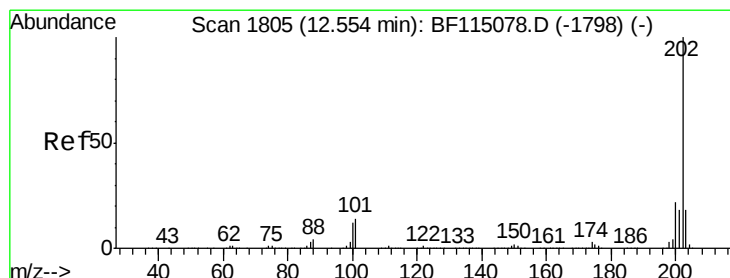
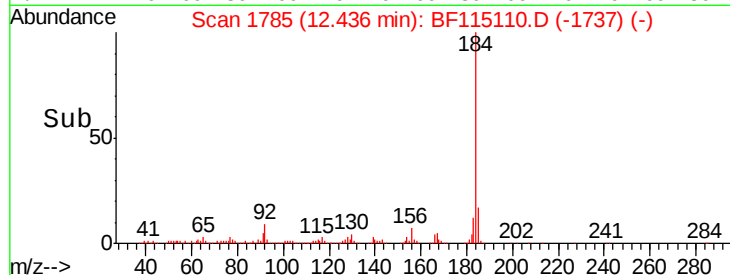
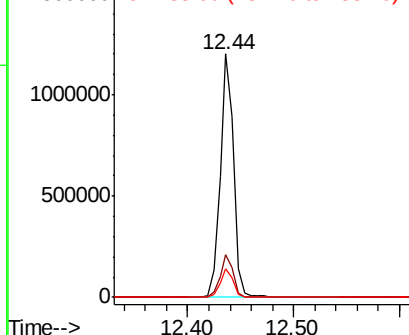
184 100

185 17.5 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: 40.320 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

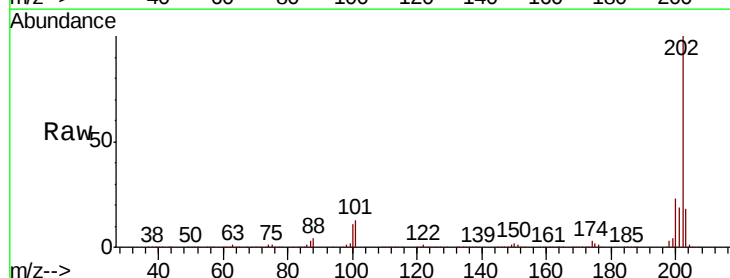
Tgt Ion:202 Resp: 1969494

Ion Ratio Lower Upper

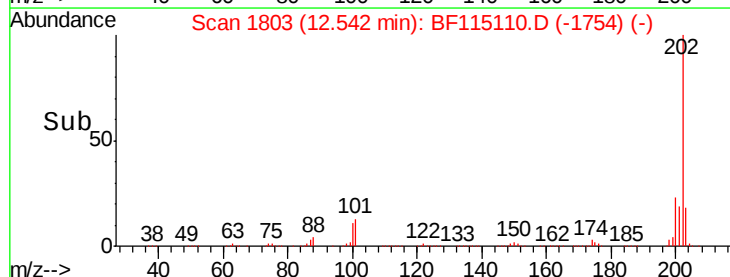
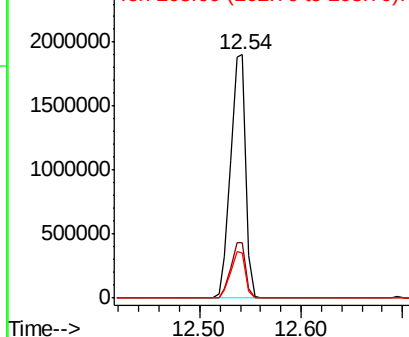
202 100

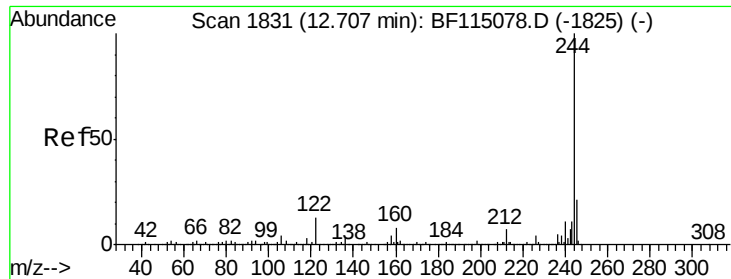
200 22.8 17.9 26.9

203 18.4 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.234 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

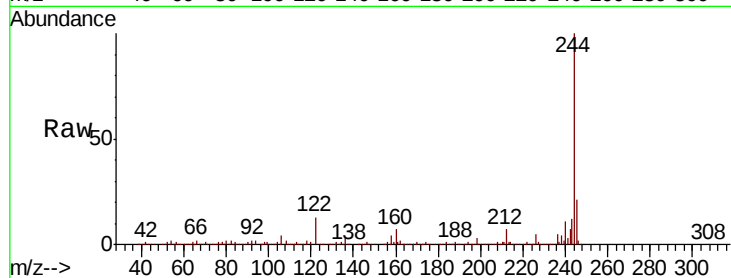
Tot Ion:244 Resp: 2428468

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

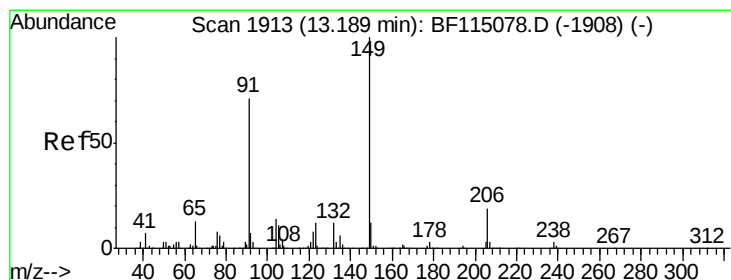
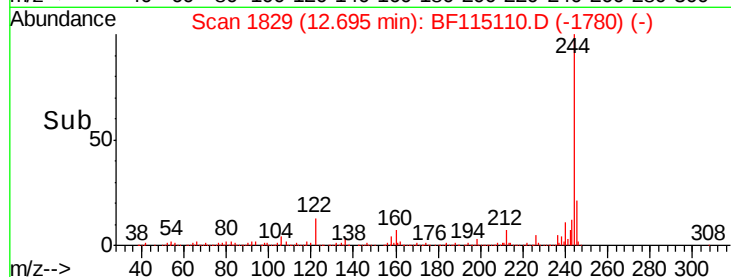
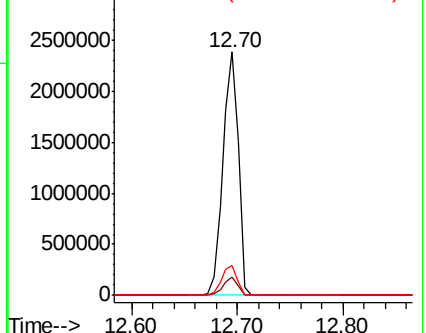
122 12.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.889 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

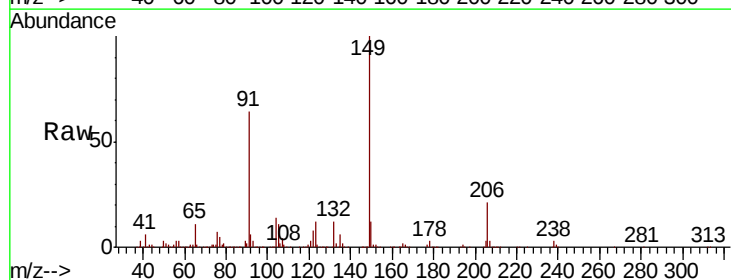
Tgt Ion:149 Resp: 881433

Ion Ratio Lower Upper

149 100

91 64.2 56.5 84.7

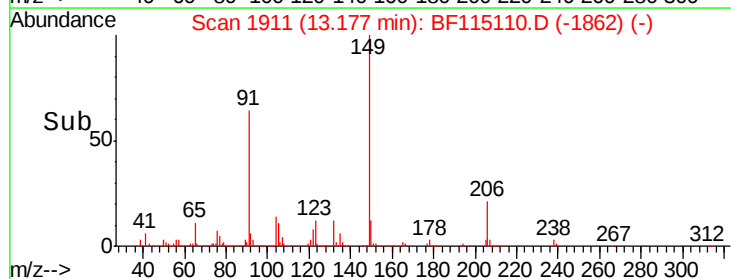
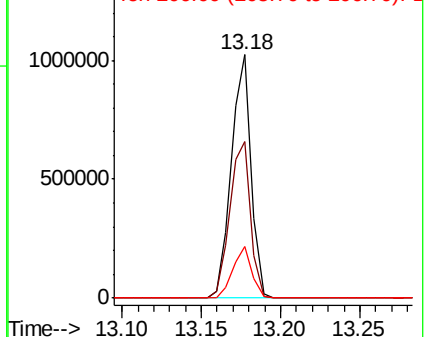
206 21.2 15.3 22.9

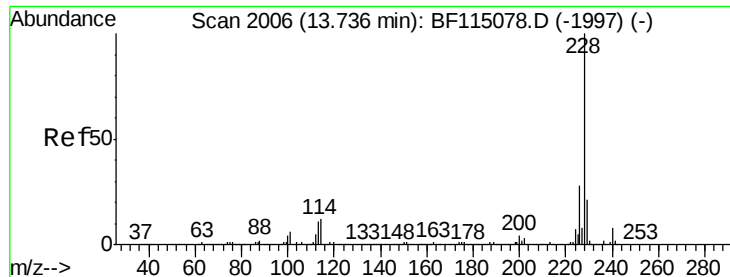


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

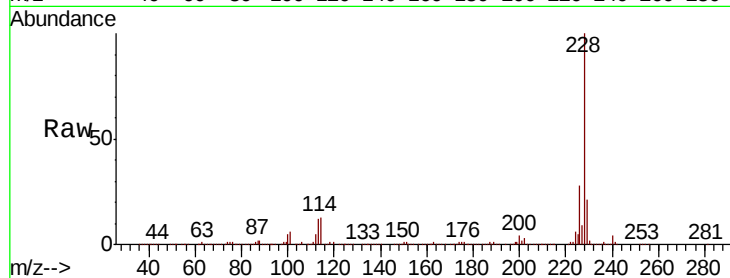




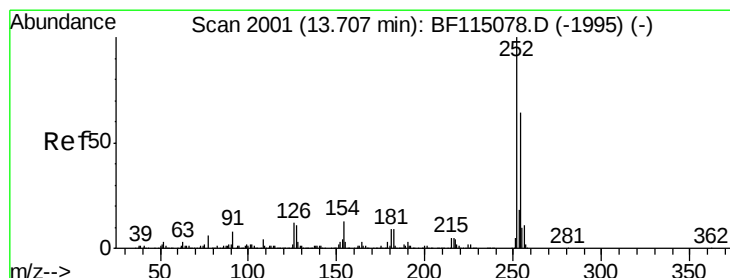
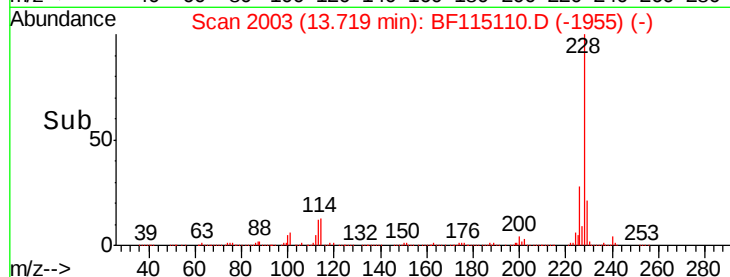
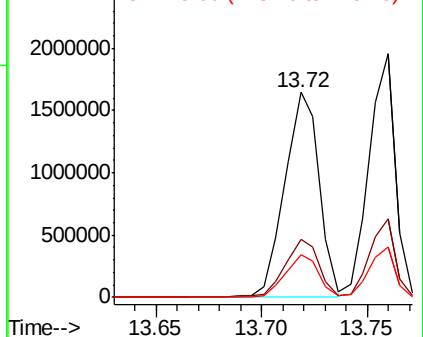
#81
Benzo(a)anthracene
Concen: 40.827 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 1861997
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 20.8 16.6 24.8

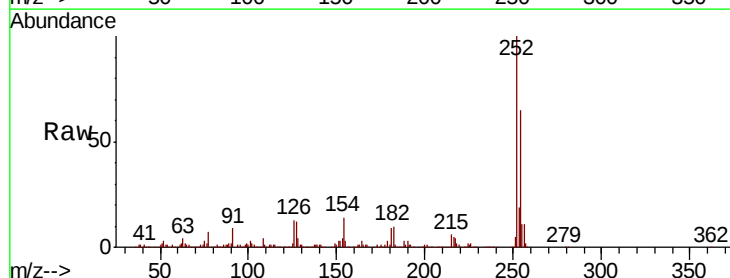


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

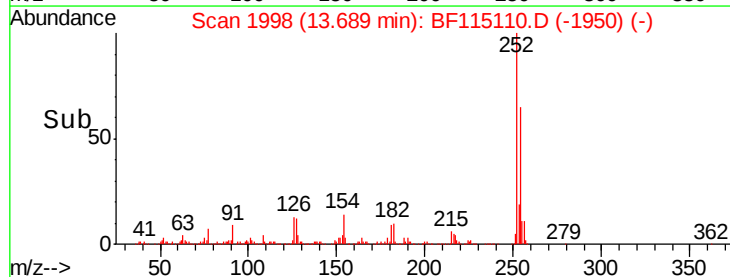
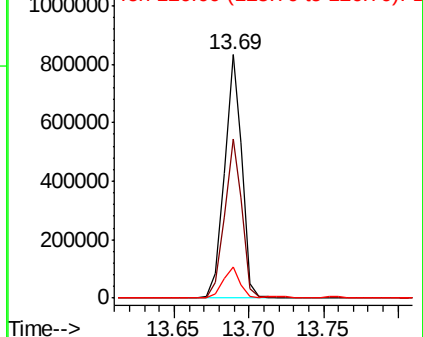


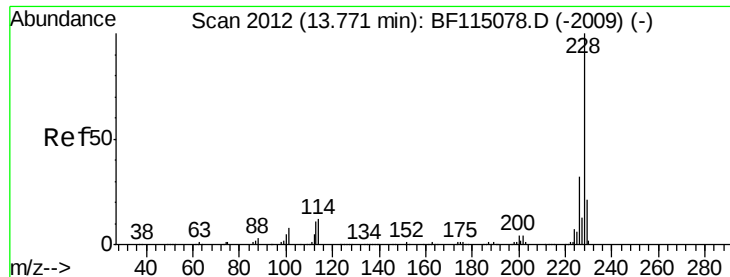
#82
3,3'-Dichlorobenzidine
Concen: 41.780 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:252 Resp: 688098
Ion Ratio Lower Upper
252 100
254 65.2 51.1 76.7
126 12.8 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.694 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

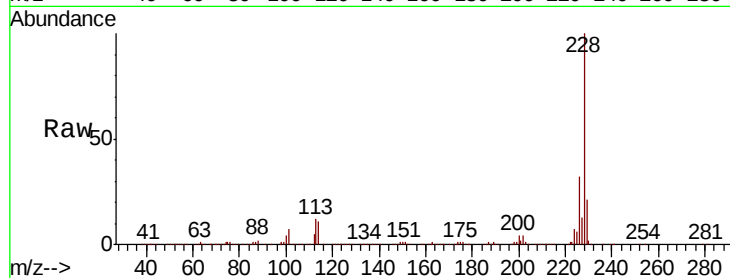
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1700077

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	20.7	16.5	24.7

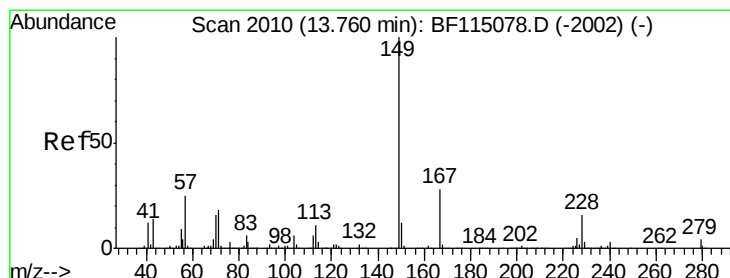
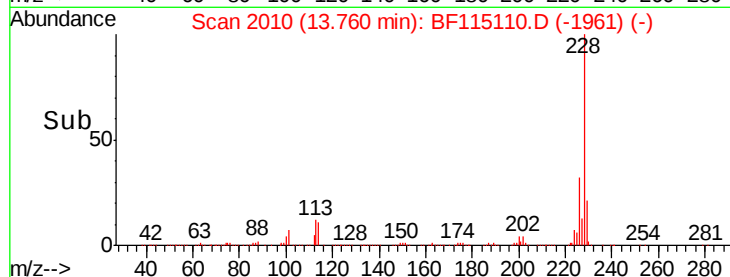
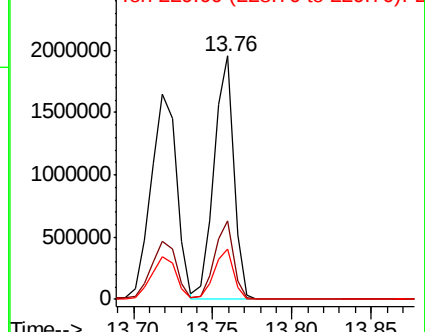


Abundance

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: 41.388 ng

RT: 13.74 min Scan# 2007

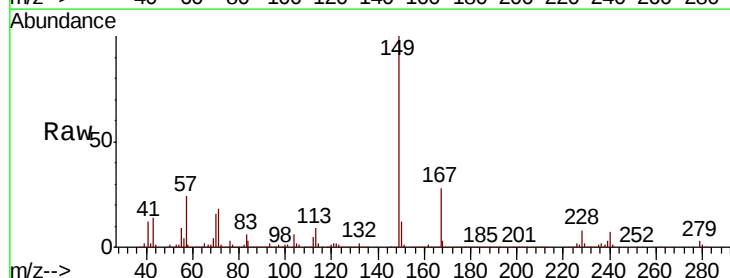
Delta R.T. -0.02 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Tgt Ion:149 Resp: 1169035

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	3.5	2.9	4.3

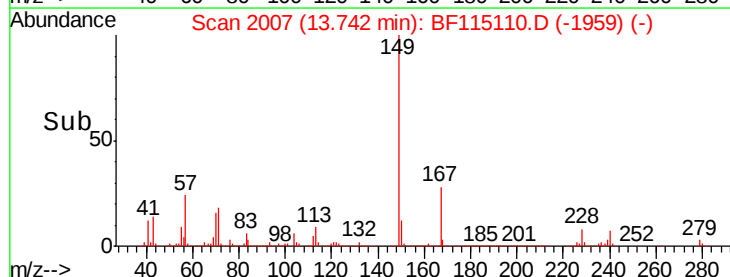
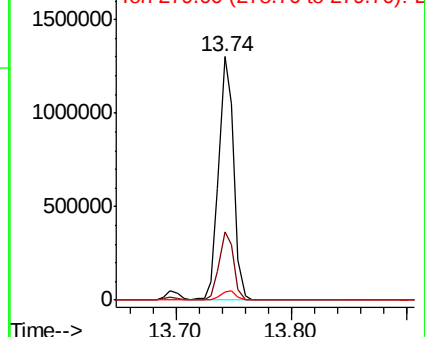


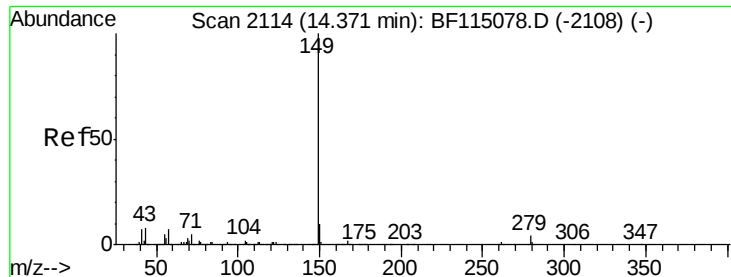
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.630 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

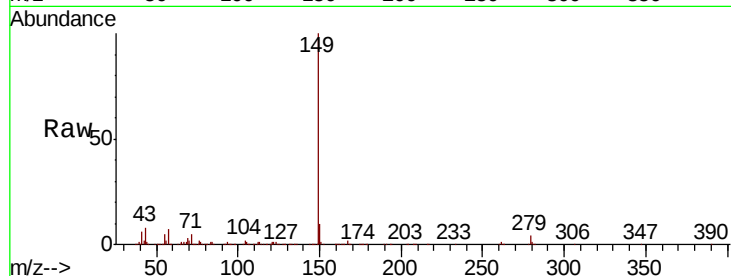
Tot Ion:149 Resp: 1975688

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

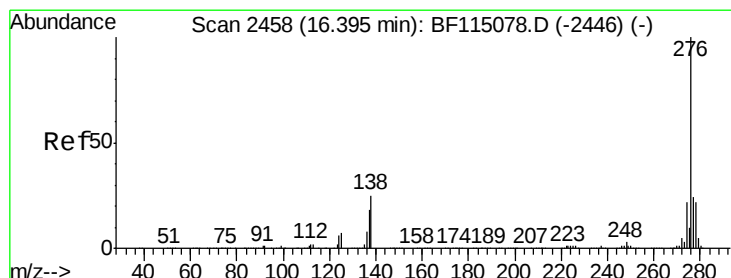
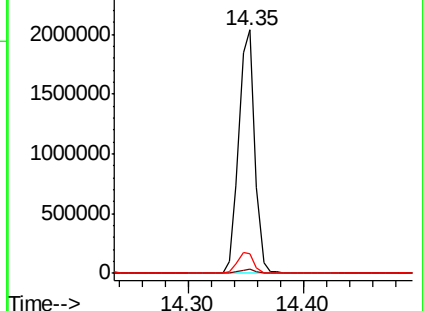
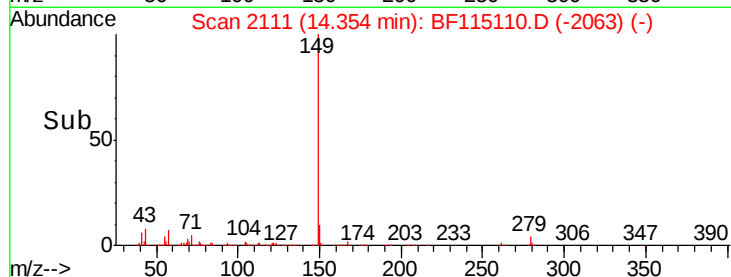
43 8.9 7.0 10.6



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: 43.002 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

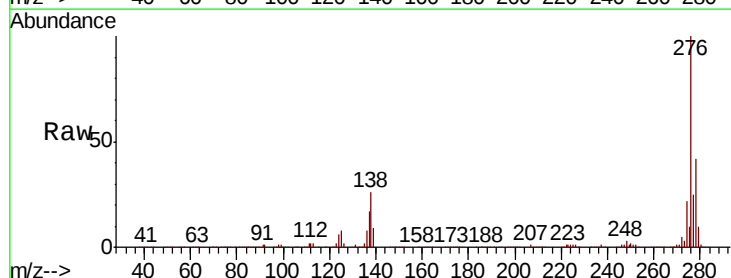
Tgt Ion:276 Resp: 2125795

Ion Ratio Lower Upper

276 100

138 28.8 23.2 34.8

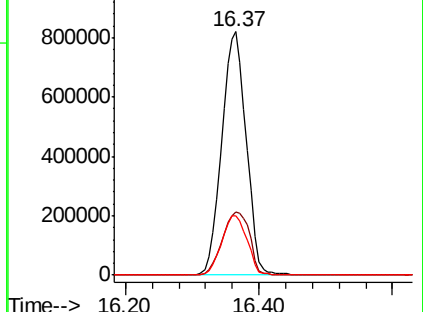
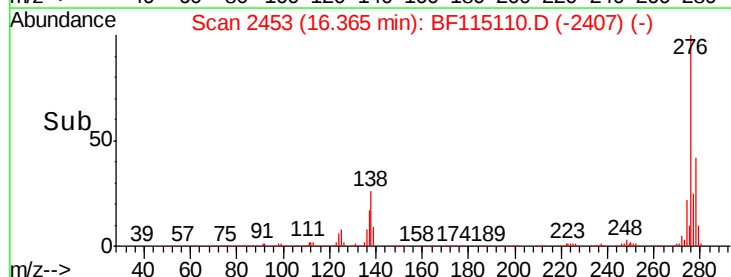
277 25.5 20.1 30.1

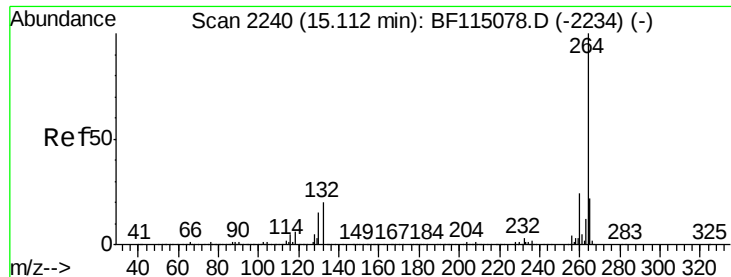


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

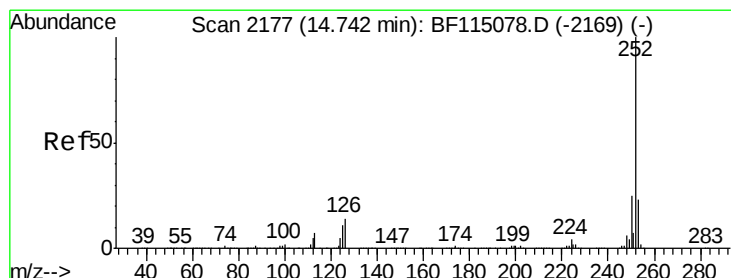
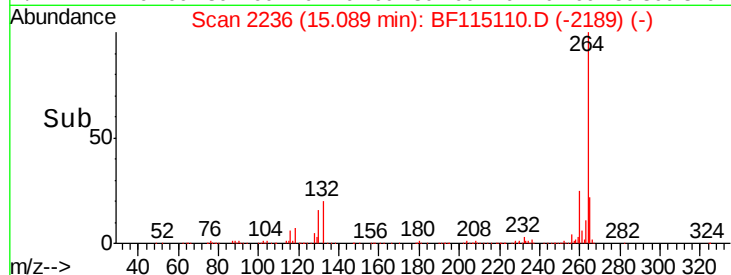
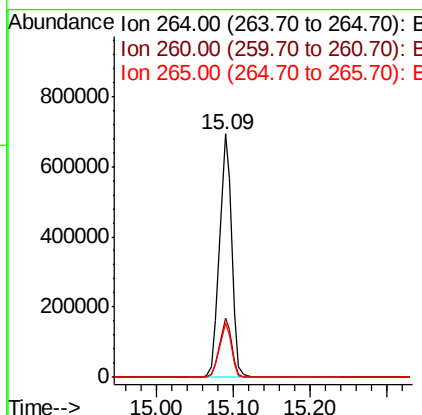
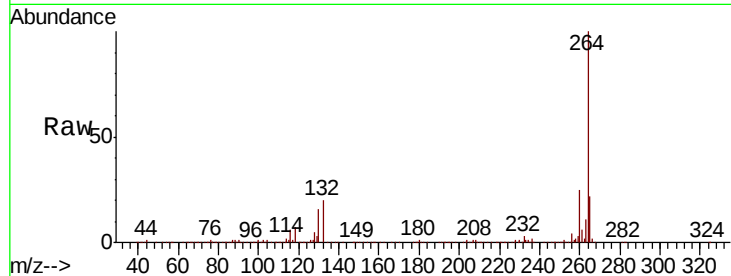




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

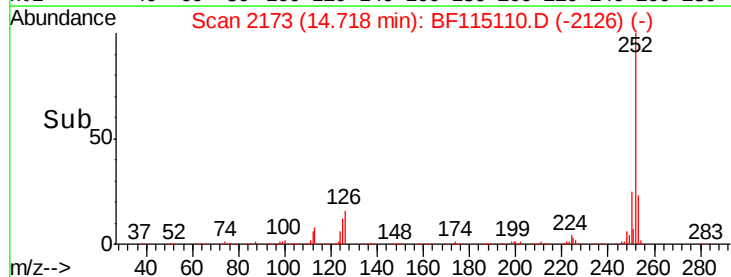
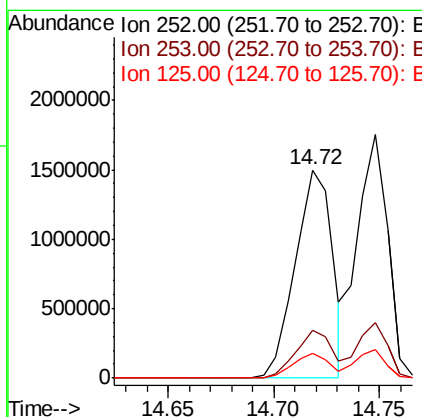
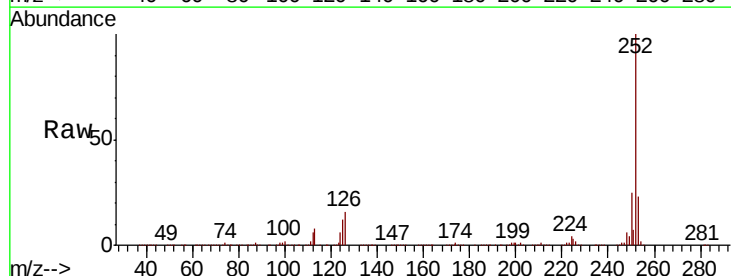
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

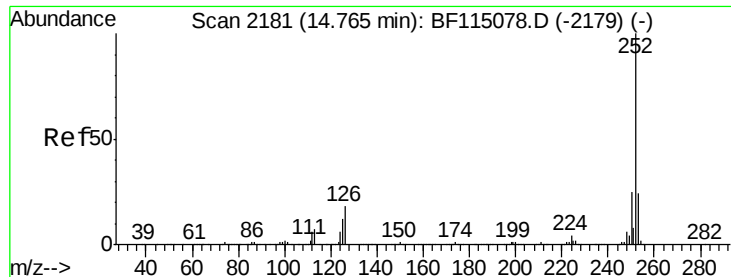
Tot Ion:264 Resp: 751708
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 22.1 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 39.073 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:252 Resp: 1832716
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.1 8.7 13.1

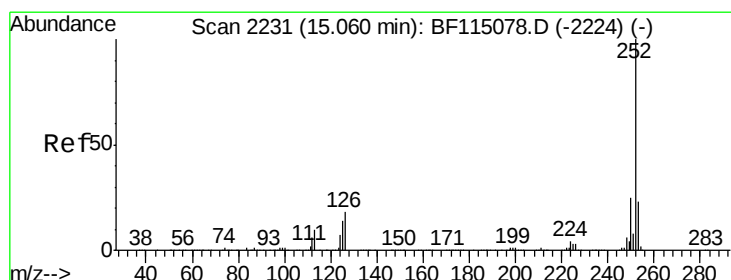
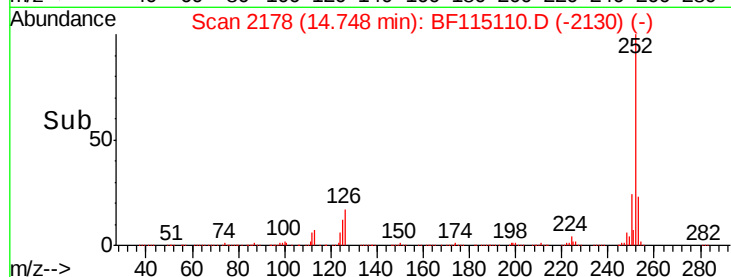
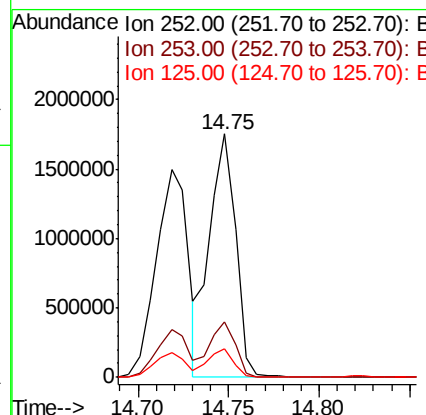
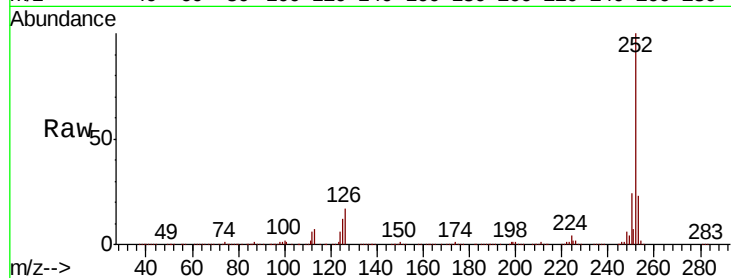




#89
Benzo(k)fluoranthene
Concen: 41.786 ng
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

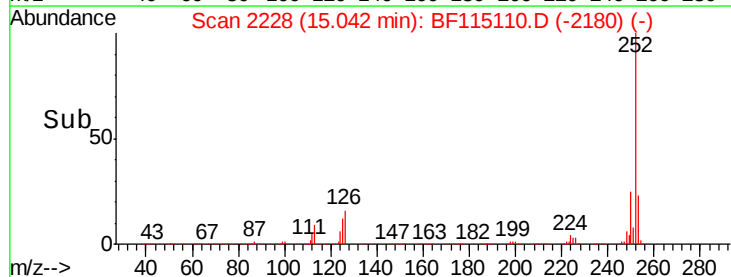
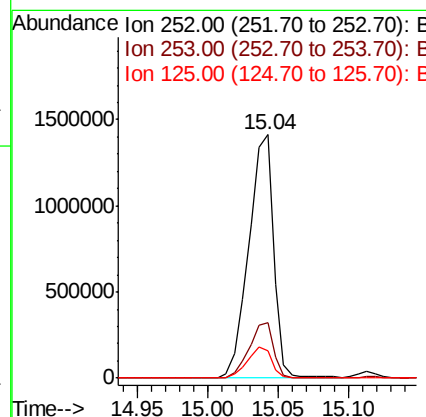
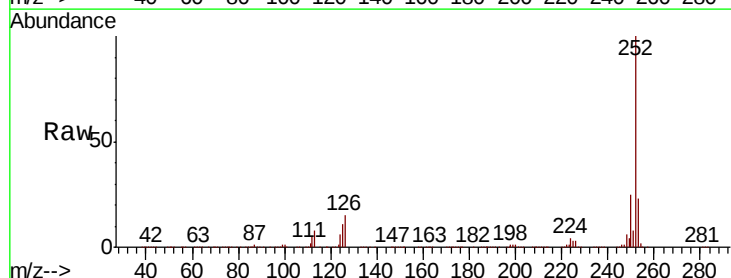
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

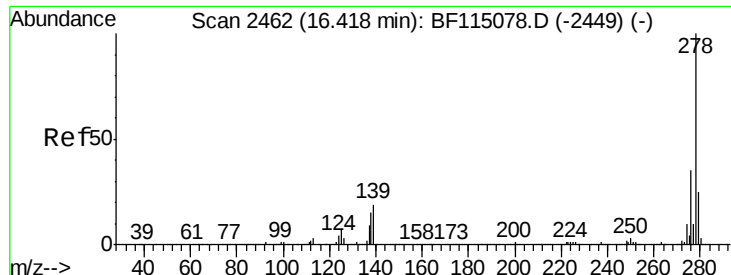
Tot Ion:252 Resp: 1757655
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 11.8 10.2 15.2



#90
Benzo(a)pyrene
Concen: 41.358 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115110.D
Acq: 22 Jun 2019 10:31

Tgt Ion:252 Resp: 1748446
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 11.3 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 43.488 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.04 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Instrument :

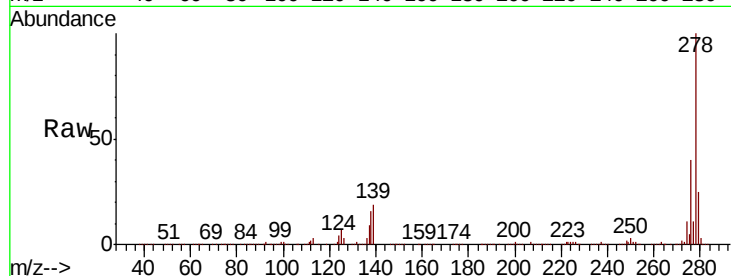
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 1716340

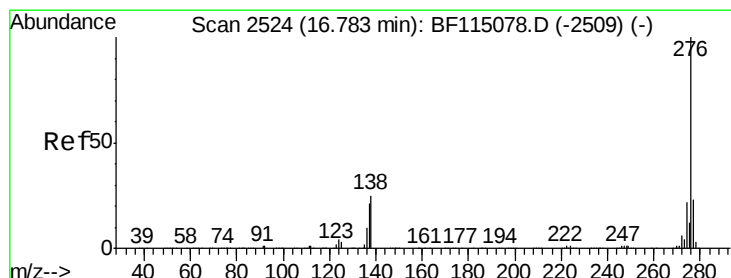
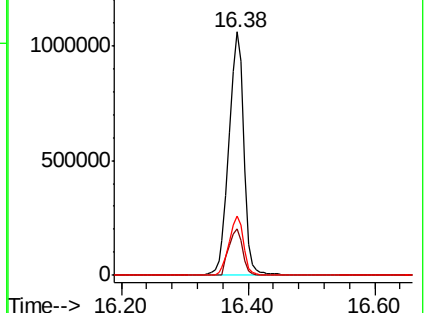
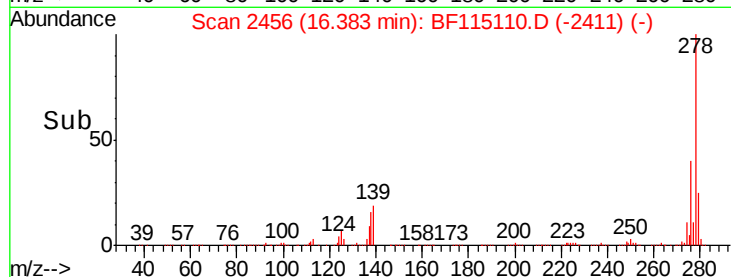
Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.4	23.2
279	24.6	19.9	29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.691 ng

RT: 16.75 min Scan# 2518

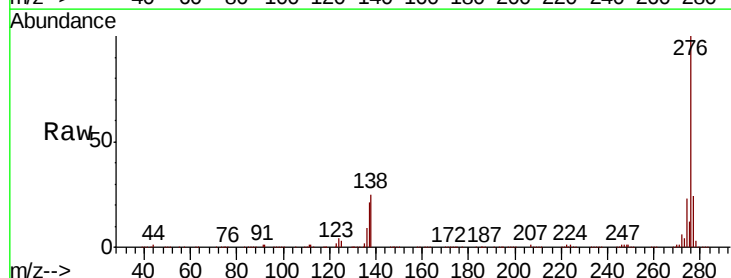
Delta R.T. -0.04 min

Lab File: BF115110.D

Acq: 22 Jun 2019 10:31

Tgt Ion:276 Resp: 1745246

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	24.9	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

