

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115082.D
 Acq On : 21 Jun 2019 16:25
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 17:09:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	194831	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	807341	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	398355	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	790612	20.00	ng	0.00
76) Chrysene-d12	13.75	240	501120	20.00	ng	0.00
87) Perylene-d12	15.12	264	688354	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2221076	190.36	ng	0.01
7) Phenol-d6	6.27	99	2620996	186.22	ng	0.02
23) Nitrobenzene-d5	7.20	82	2430401	181.20	ng	0.01
42) 2,4,6-Tribromophenol	10.44	330	739396	173.33	ng	0.01
45) 2-Fluorobiphenyl	8.99	172	3625200	154.24	ng	0.00
79) Terphenyl-d14	12.72	244	4147821	155.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	569101	104.200	ng	99
3) Pyridine	2.87	79	1638445	106.553	ng	98
4) n-Nitrosodimethylamine	2.83	42	637703	116.812	ng	99
6) Aniline	6.30	93	1831677	97.175	ng	99
8) 2-Chlorophenol	6.41	128	1249704	94.456	ng	99
9) Benzaldehyde	6.17	77	803132	99.254	ng	99
10) Phenol	6.28	94	1569104	99.642	ng	91
11) bis(2-Chloroethyl)ether	6.37	93	1157068	94.667	ng	98
12) 1,3-Dichlorobenzene	6.57	146	1378820	89.223	ng	99
13) 1,4-Dichlorobenzene	6.64	146	1368013	88.053	ng	97
14) 1,2-Dichlorobenzene	6.80	146	1212404	82.889	ng	97
15) Benzyl Alcohol	6.78	79	906563	85.967	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1709919	104.527	ng	99
17) 2-Methylphenol	6.88	107	1091642	98.921	ng	99
18) Hexachloroethane	7.14	117	510664	91.016	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	894824	104.638	ng	98
20) 3+4-Methylphenols	7.05	107	1126804	85.793	ng	# 76
22) Acetophenone	7.04	105	1607222	87.944	ng	# 97
24) Nitrobenzene	7.21	77	1324386	97.048	ng	99
25) Isophorone	7.46	82	2535433	100.928	ng	100
26) 2-Nitrophenol	7.52	139	720793	94.760	ng	97
27) 2,4-Dimethylphenol	7.57	122	1072563	97.745	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	1516876	94.115	ng	98
29) 2,4-Dichlorophenol	7.77	162	1104800	95.306	ng	97
30) 1,2,4-Trichlorobenzene	7.85	180	1191321	88.941	ng	99
31) Naphthalene	7.93	128	3249779	85.076	ng	97
32) Benzoic acid	7.74	122	979951	123.427	ng	99
33) 4-Chloroaniline	7.98	127	1663999	94.370	ng	98
34) Hexachlorobutadiene	8.05	225	631671	84.843	ng	98
35) Caprolactam	8.39	113	322705	83.583	ng	96
36) 4-Chloro-3-methylphenol	8.47	107	1122277	96.069	ng	98
37) 2-Methylnaphthalene	8.62	142	2232552	87.628	ng	97
38) 1-Methylnaphthalene	8.72	142	2110420	87.643	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	933363	79.308	ng	99

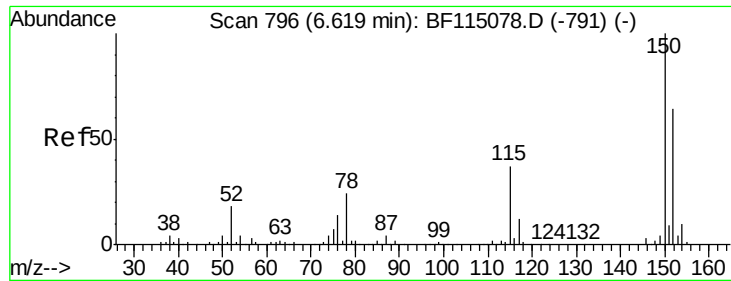
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115082.D
 Acq On : 21 Jun 2019 16:25
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Quant Time: Jun 21 17:09:01 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	585514	100.964	nq	99
43) 2,4,6-Trichlorophenol	8.90	196	811682	92.339	nq	100
44) 2,4,5-Trichlorophenol	8.94	196	819342	92.233	nq	99
46) 1,1'-Biphenyl	9.09	154	2406201	75.377	nq	97
47) 2-Chloronaphthalene	9.11	162	2169896	84.060	nq	95
48) 2-Nitroaniline	9.20	65	728148	95.434	nq	95
49) Acenaphthylene	9.52	152	3277823	82.588	nq	97
50) Dimethylphthalate	9.40	163	2562844	85.548	nq	99
51) 2,6-Dinitrotoluene	9.45	165	662180	97.443	nq	99
52) Acenaphthene	9.70	154	2144775	94.454	nq	99
53) 3-Nitroaniline	9.62	138	778832	93.542	nq	99
54) 2,4-Dinitrophenol	9.71	184	360908	109.493	nq	93
55) Dibenzofuran	9.87	168	2748294	80.307	nq	97
56) 4-Nitrophenol	9.78	139	652973	113.726	nq	93
57) 2,4-Dinitrotoluene	9.85	165	830651	96.036	nq	# 88
58) Fluorene	10.21	166	1900992	75.948	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.98	232	684264	95.359	nq	99
60) Diethylphthalate	10.10	149	2573179	89.831	nq	98
61) 4-Chlorophenyl-phenylether	10.20	204	863857	69.919	nq	98
62) 4-Nitroaniline	10.24	138	822464	98.248	nq	97
63) Azobenzene	10.36	77	2329481	92.957	nq	98
65) 4,6-Dinitro-2-methylphenol	10.26	198	443528	100.091	nq	93
66) n-Nitrosodiphenylamine	10.32	169	2068321	87.519	nq	98
67) 4-Bromophenyl-phenylether	10.68	248	749835	88.332	nq	99
68) Hexachlorobenzene	10.75	284	805524	86.192	nq	96
69) Atrazine	10.85	200	699672	91.825	nq	99
70) Pentachlorophenol	10.94	266	548338	108.038	nq	97
71) Phenanthrene	11.15	178	3373018	82.631	nq	98
72) Anthracene	11.21	178	3362308	81.647	nq	97
73) Carbazole	11.36	167	3215061	89.446	nq	97
74) Di-n-butylphthalate	11.71	149	3570652	78.797	nq	98
75) Fluoranthene	12.34	202	3443900	82.507	nq	99
77) Benzidine	12.46	184	1847952	91.171	nq	# 91
78) Pyrene	12.56	202	3626417	79.438	nq	96
80) Butylbenzylphthalate	13.20	149	1740526	81.628	nq	99
81) Benzo(a)anthracene	13.74	228	3463973	92.373	nq	97
82) 3,3'-Dichlorobenzidine	13.72	252	1213213	84.386	nq	98
83) Chrysene	13.79	228	3058350	82.015	nq	97
84) Bis(2-ethylhexyl)phthalate	13.77	149	2128639	84.466	nq	# 98
85) Di-n-octyl phthalate	14.38	149	3601838	82.997	nq	99
86) Indeno(1,2,3-cd)pyrene	16.42	276	3971013	121.229	nq	99
88) Benzo(b)fluoranthene	14.75	252	4146545	90.616	nq	98
89) Benzo(k)fluoranthene	14.78	252	2793954	69.562	nq	99
90) Benzo(a)pyrene	15.08	252	3447821	87.319	nq	99
91) Dibenzo(a,h)anthracene	16.44	278	3083228	90.671	nq	99
92) Benzo(g,h,i)perylene	16.81	276	3185036	91.842	nq	97

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

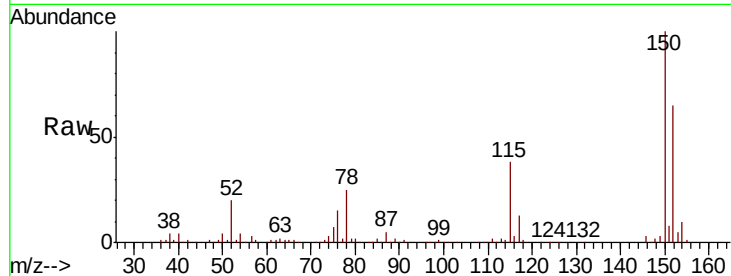


#1

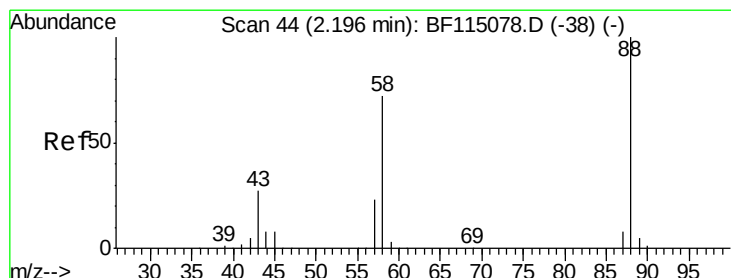
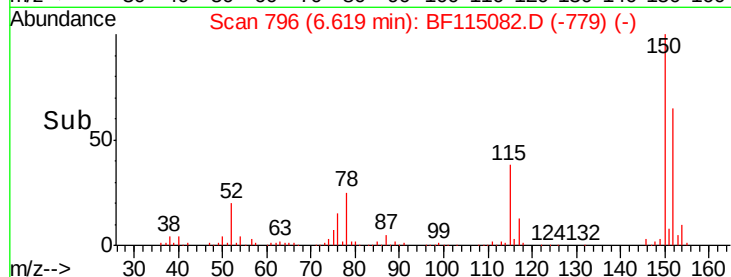
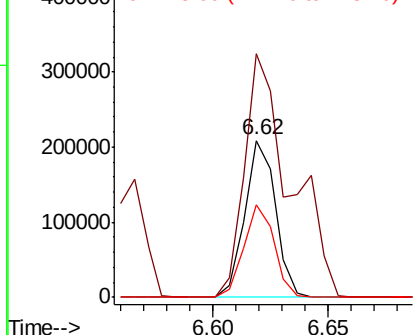
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 194831
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 59.0 46.1 69.1



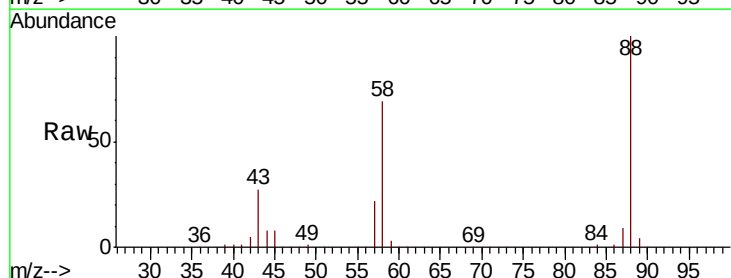
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



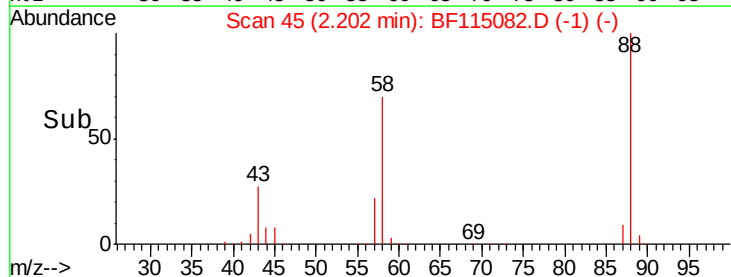
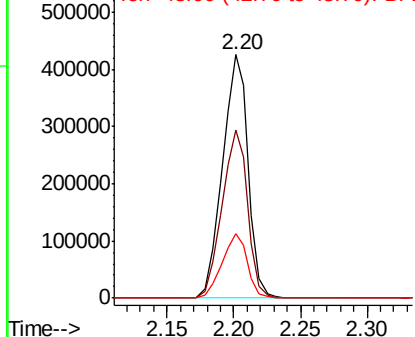
#2

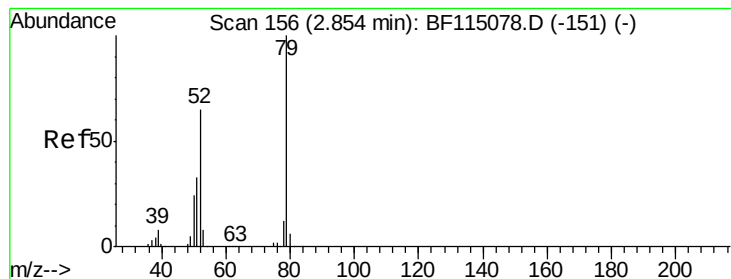
1,4-Dioxane
Concen: 104.200 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion: 88 Resp: 569101
Ion Ratio Lower Upper
88 100
58 69.2 56.1 84.1
43 26.2 21.3 31.9



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





#3

Pvridine

Concen: 106.553 ng

RT: 2.87 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

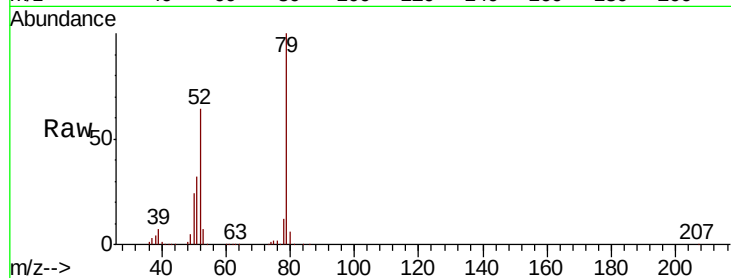
Tot Ion: 79 Resp: 1638445

Ion Ratio Lower Upper

79 100

52 64.1 52.3 78.5

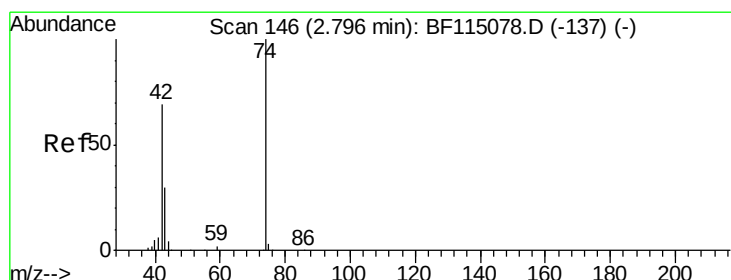
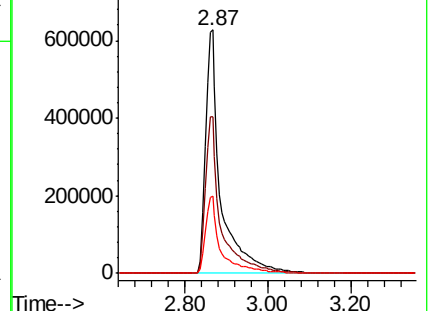
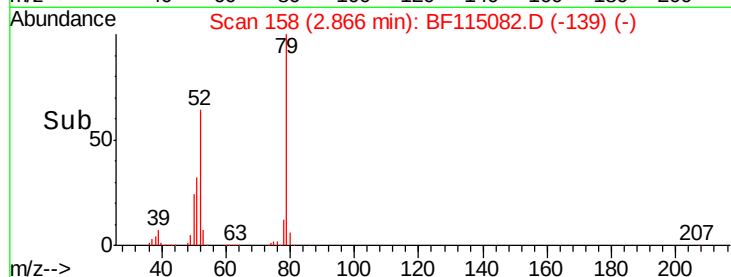
51 31.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 116.812 ng

RT: 2.83 min Scan# 152

Delta R.T. 0.04 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

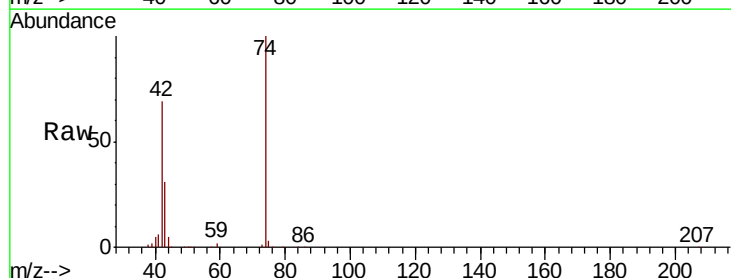
Tgt Ion: 42 Resp: 637703

Ion Ratio Lower Upper

42 100

74 144.2 116.6 175.0

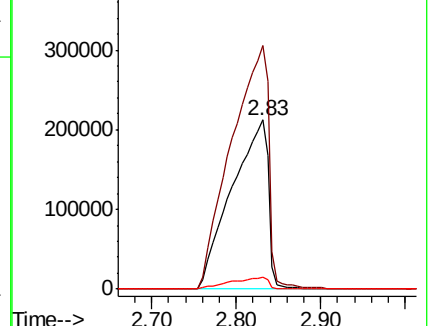
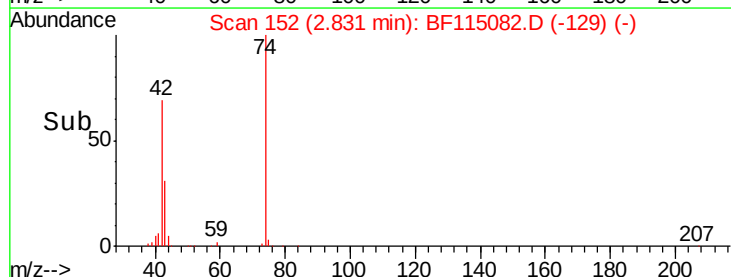
44 7.0 5.3 7.9

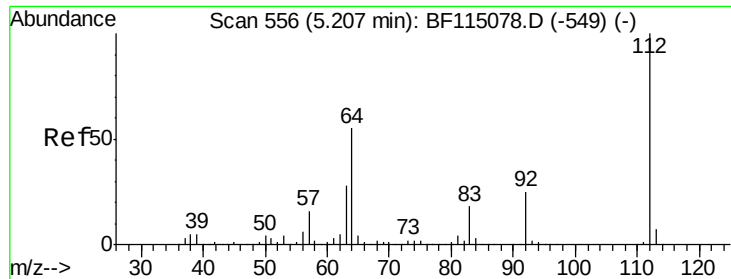


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 190.356 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampled :

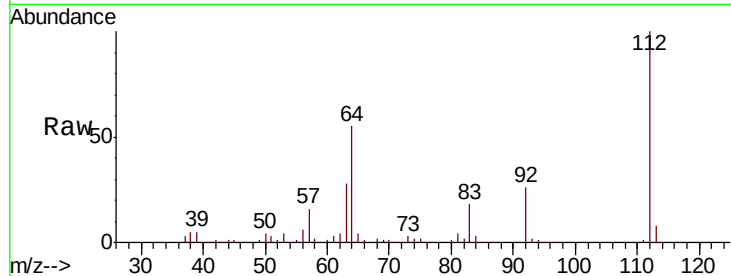
Tot Ion:112 Resp: 2221076

Ion Ratio Lower Upper

112 100

64 55.5 43.8 65.6

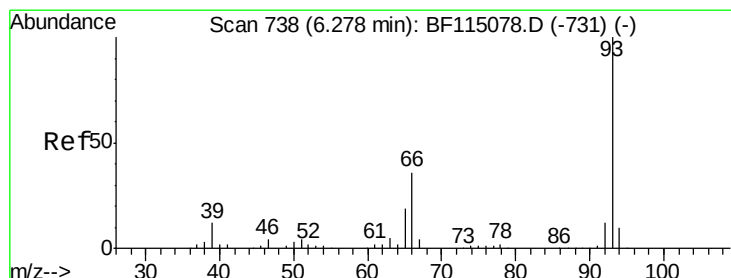
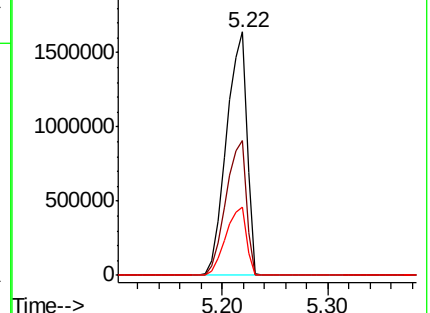
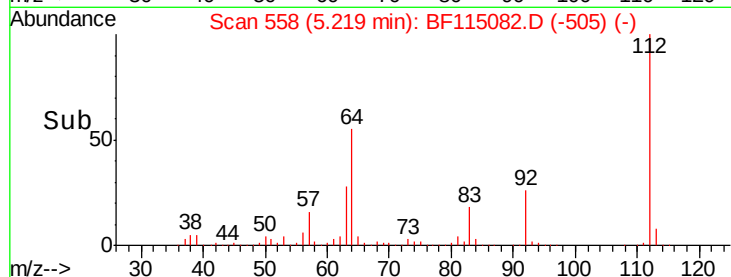
63 28.1 22.2 33.4



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: 97.175 ng

RT: 6.30 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

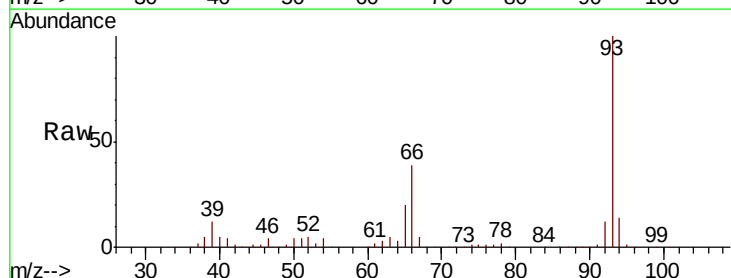
Tgt Ion: 93 Resp: 1831677

Ion Ratio Lower Upper

93 100

66 38.7 30.0 45.0

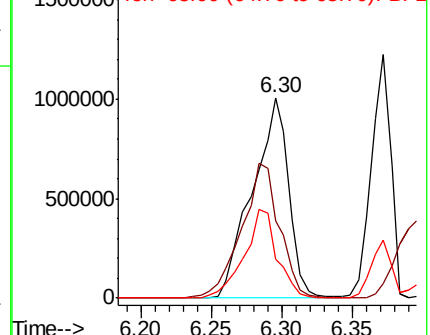
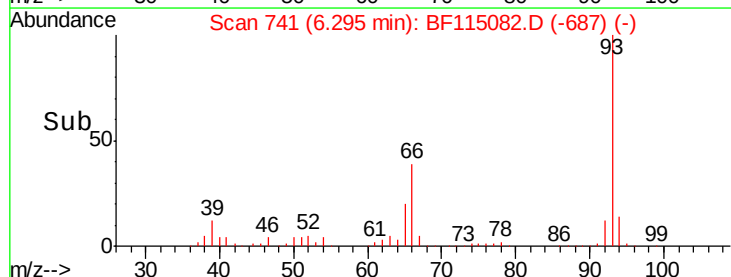
65 19.7 15.6 23.4

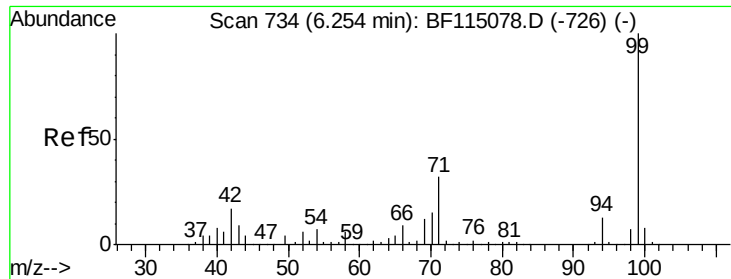


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 186.217 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

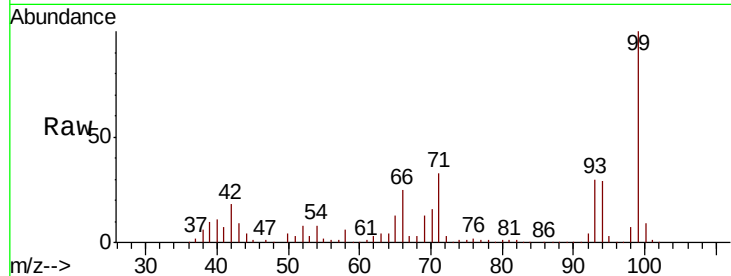
Tot Ion: 99 Resp: 2620996

Ion Ratio Lower Upper

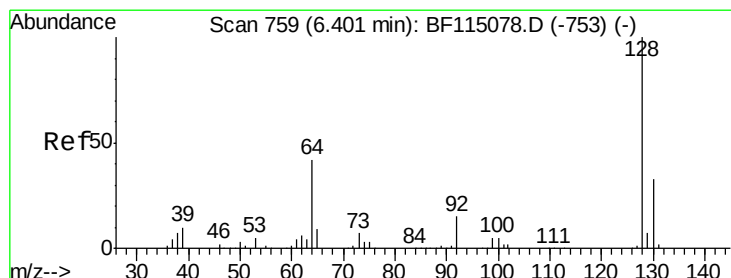
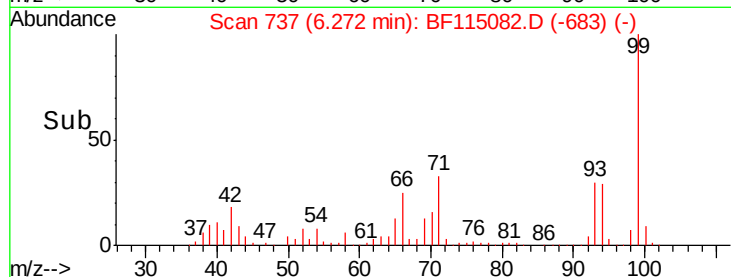
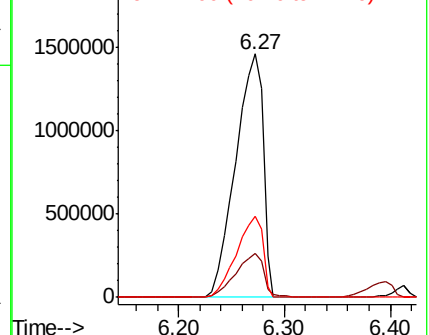
99 100

42 18.0 13.6 20.4

71 33.2 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: 94.456 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

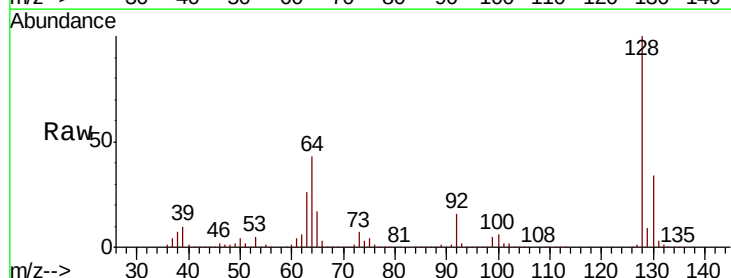
Tgt Ion:128 Resp: 1249704

Ion Ratio Lower Upper

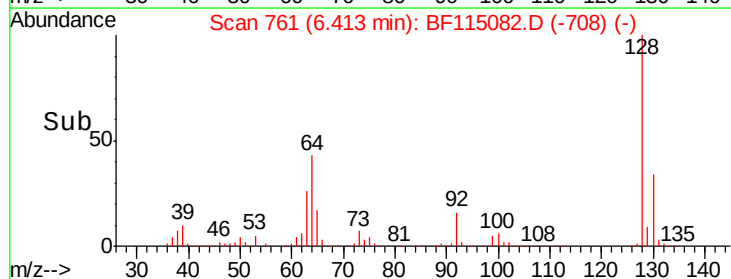
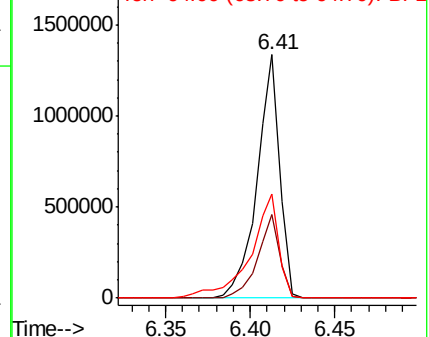
128 100

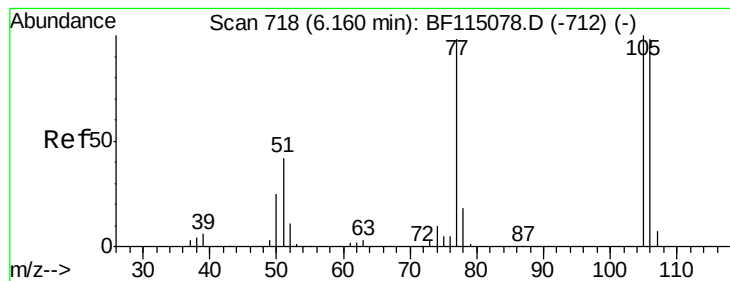
130 34.1 12.9 52.9

64 42.7 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: 99.254 ng

RT: 6.17 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

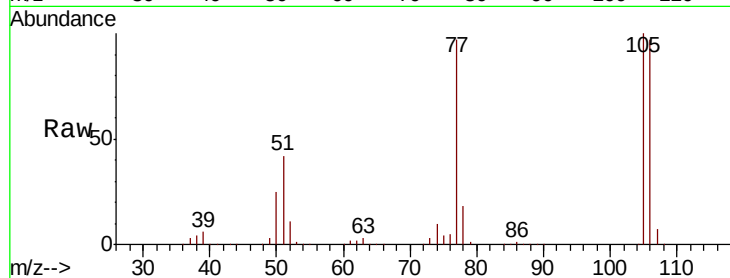
Tot Ion: 77 Resp: 803132

Ion Ratio Lower Upper

77 100

105 103.6 81.5 121.5

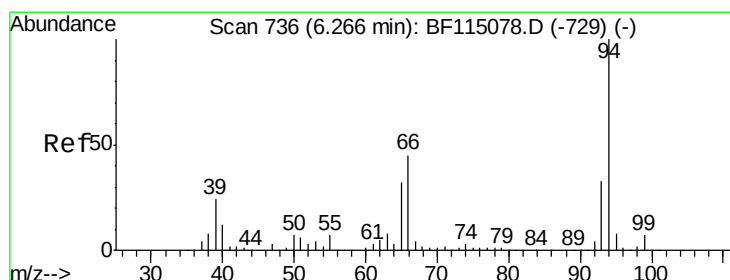
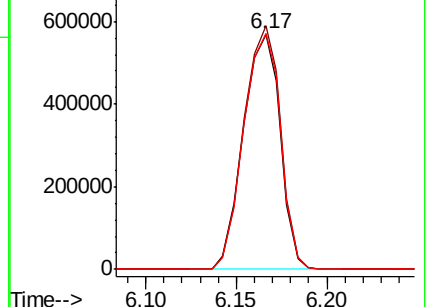
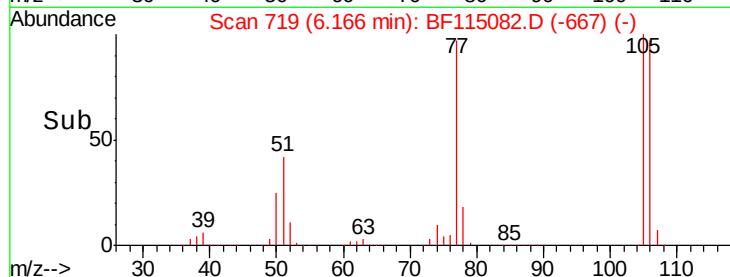
106 100.6 79.7 119.7



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: 99.642 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

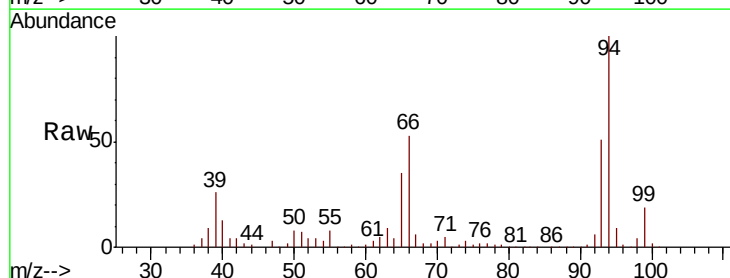
Tgt Ion: 94 Resp: 1569104

Ion Ratio Lower Upper

94 100

65 35.1 11.9 51.9

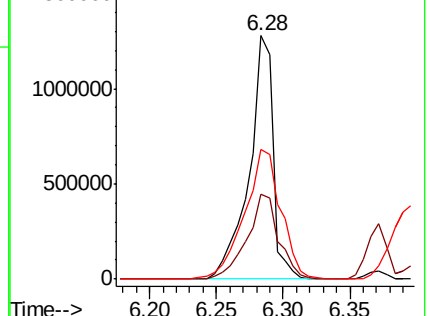
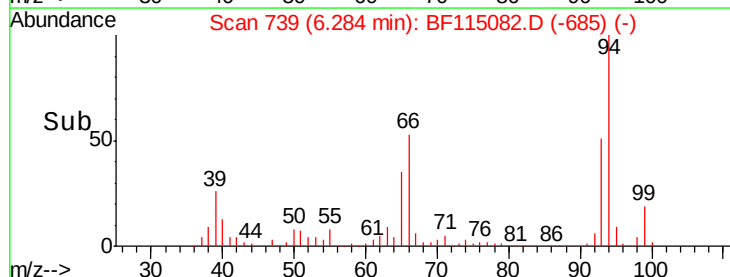
66 53.1 25.2 65.2

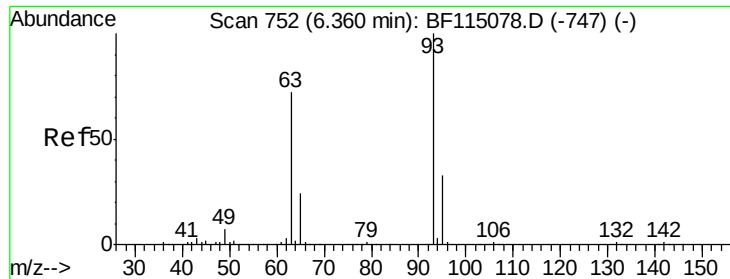


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





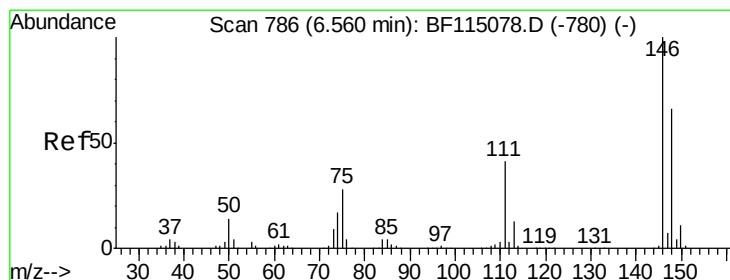
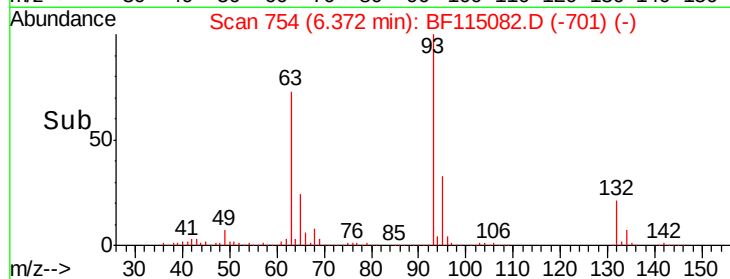
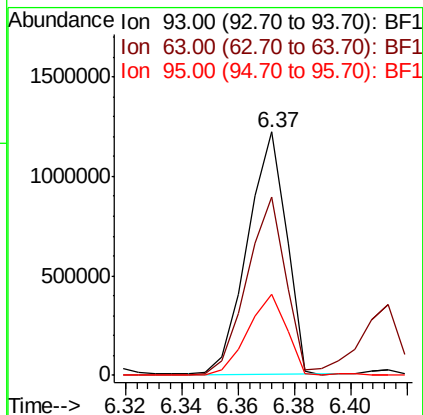
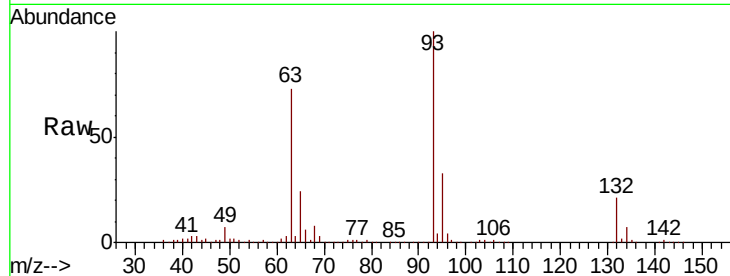
#11

bis(2-Chloroethyl)ether
Concen: 94.667 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1157068

Ion	Ratio	Lower	Upper
93	100		
63	73.4	51.5	91.5
95	33.4	13.4	53.4

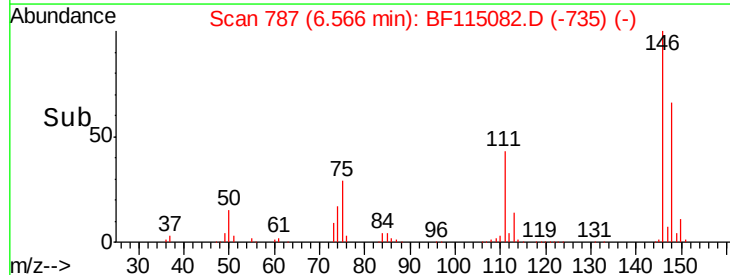
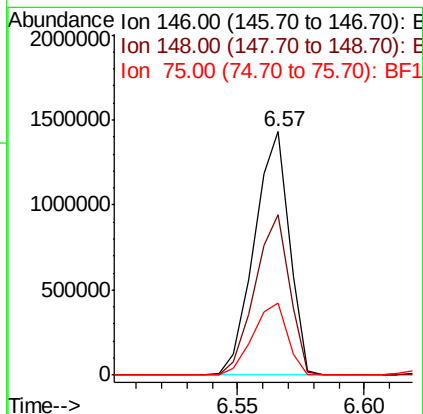
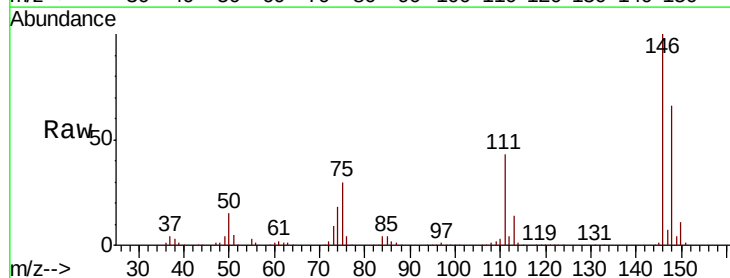


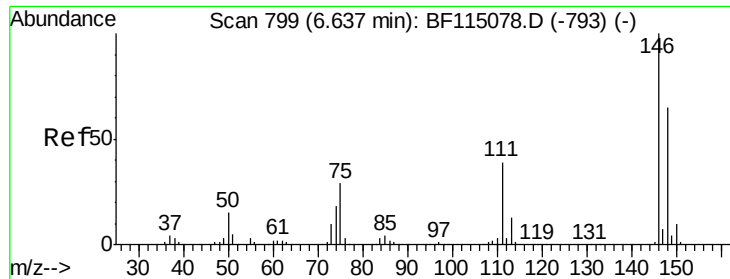
#12

1,3-Dichlorobenzene
Concen: 89.223 ng
RT: 6.57 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion: 146 Resp: 1378820

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	29.5	22.6	34.0

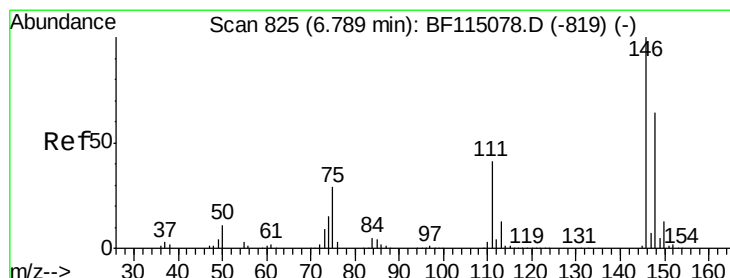
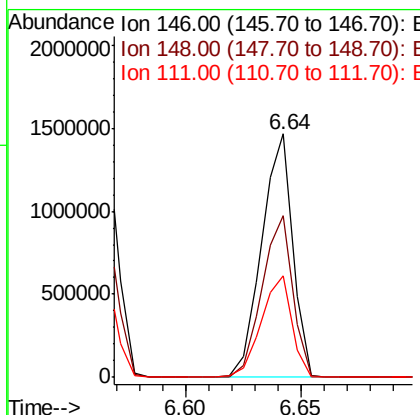
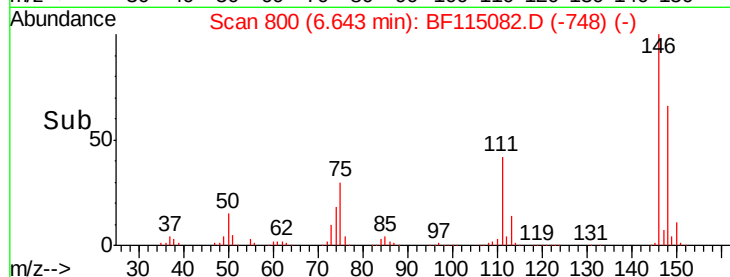
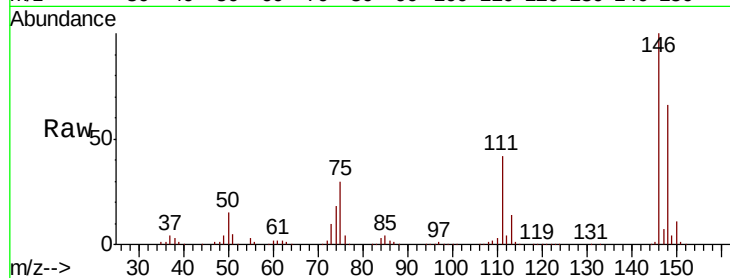




#13
 1,4-Dichlorobenzene
 Concen: 88.053 ng
 RT: 6.64 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

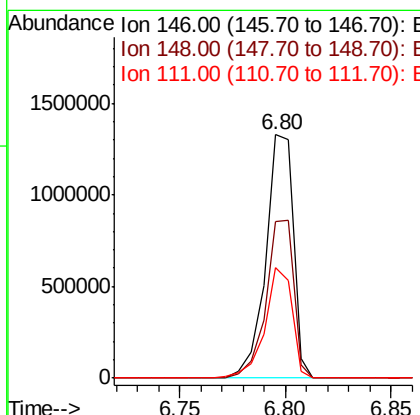
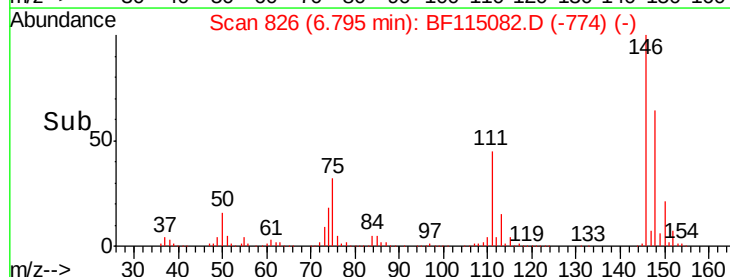
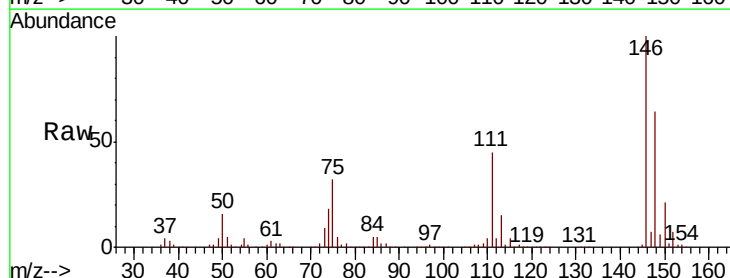
Instrument :
 BNA_F
 ClientSampleId :

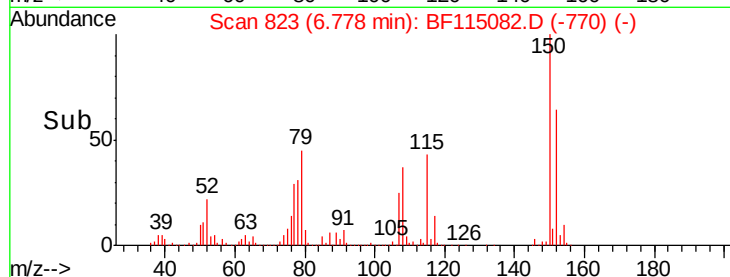
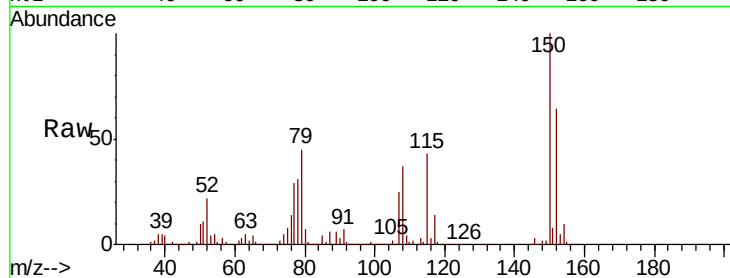
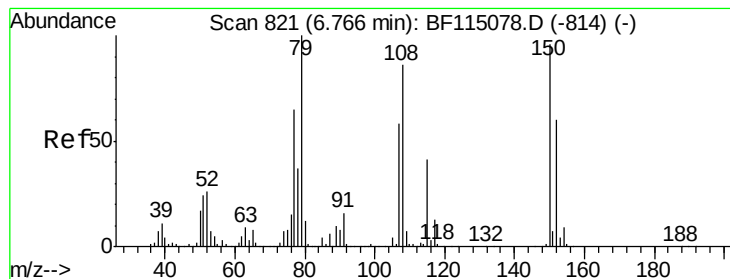
Tot Ion:146 Resp: 1368013
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.9 77.9
 111 42.0 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 82.889 ng
 RT: 6.80 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion:146 Resp: 1212404
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 45.2 33.2 49.8





#15

Benzyl Alcohol

Concen: 85.967 ng

RT: 6.78 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

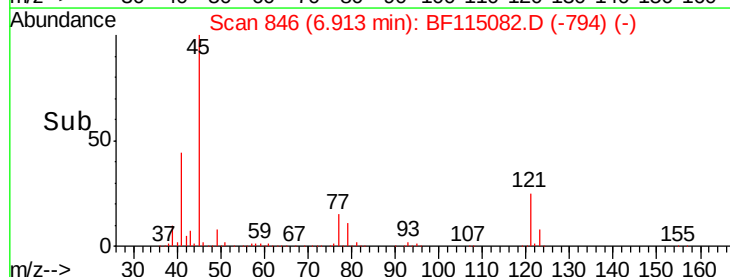
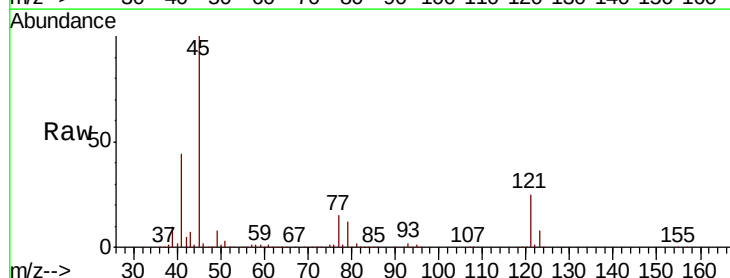
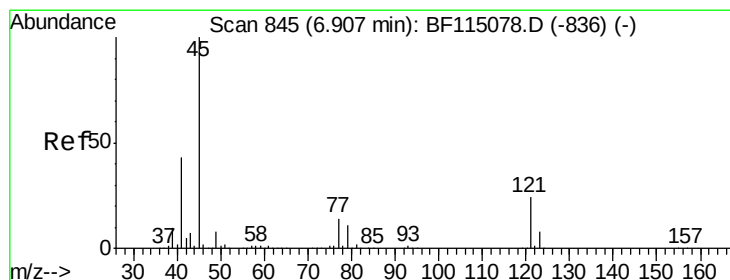
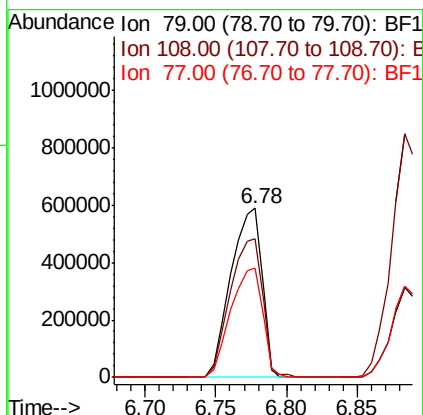
Tot Ion: 79 Resp: 906563

Ion Ratio Lower Upper

79 100

108 81.8 68.7 103.1

77 64.4 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 104.527 ng

RT: 6.91 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

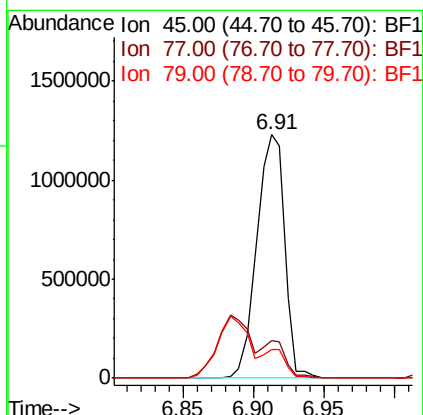
Tgt Ion: 45 Resp: 1709919

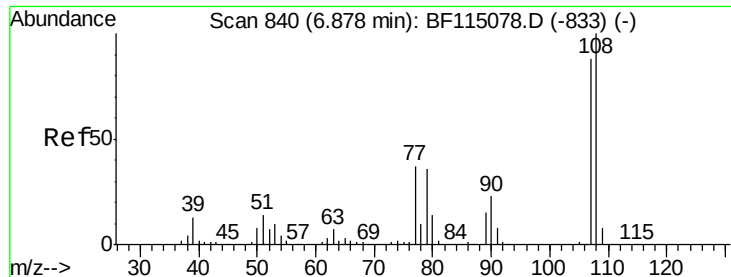
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.6

79 11.5 0.0 31.2





#17

2-Methylphenol

Concen: 98.921 ng

RT: 6.88 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1091642

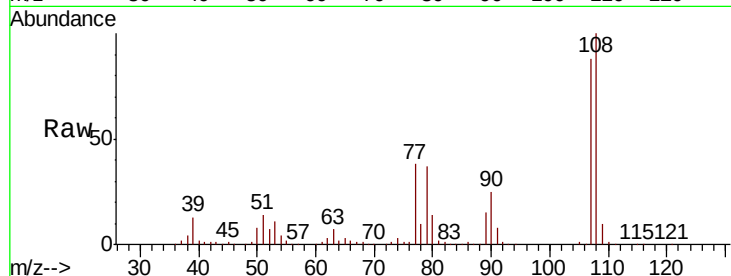
Ion Ratio Lower Upper

107 100

108 114.2 90.9 136.3

77 43.1 33.4 50.2

79 42.2 32.3 48.5

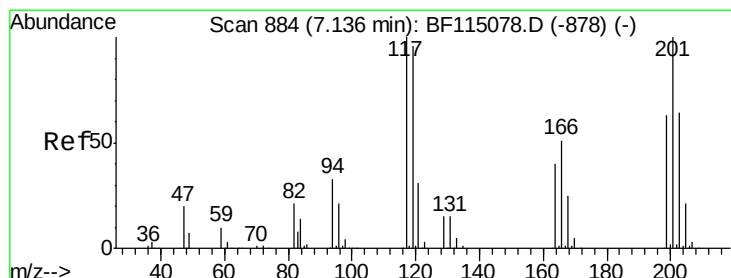
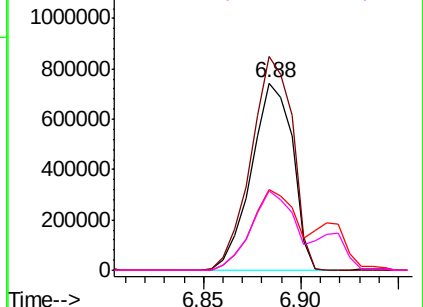
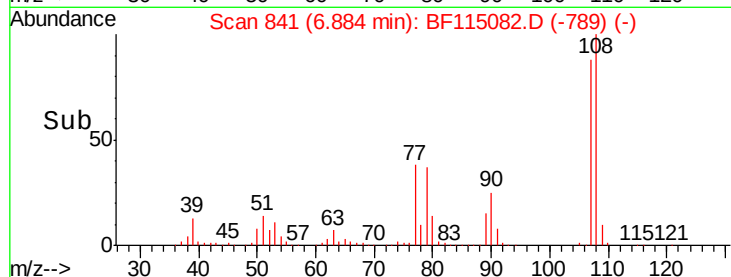


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 91.016 ng

RT: 7.14 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

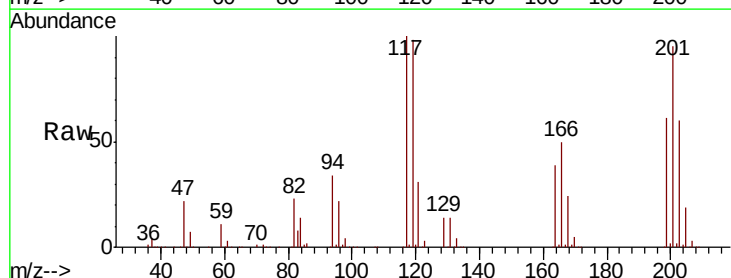
Tgt Ion:117 Resp: 510664

Ion Ratio Lower Upper

117 100

119 97.7 76.6 114.8

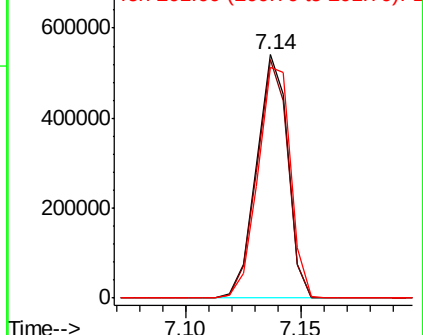
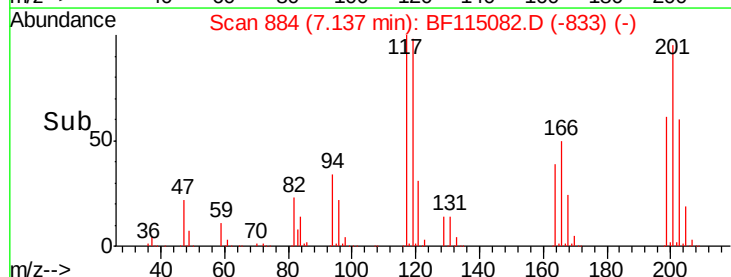
201 94.9 80.2 120.2

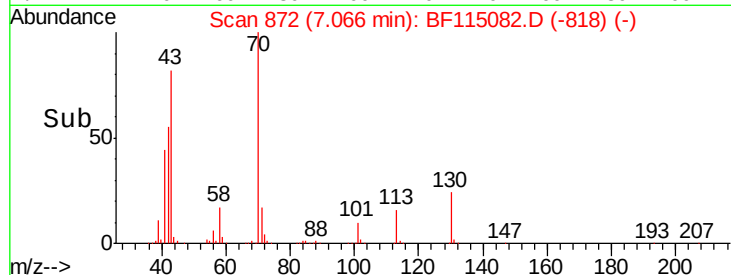
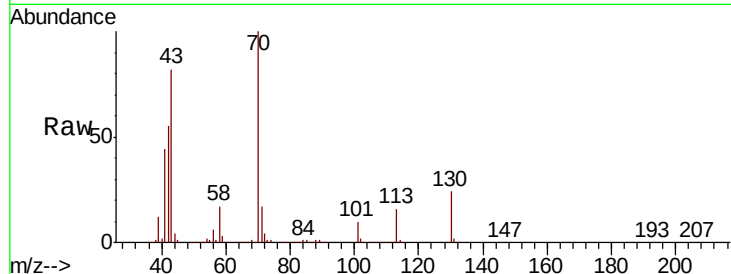
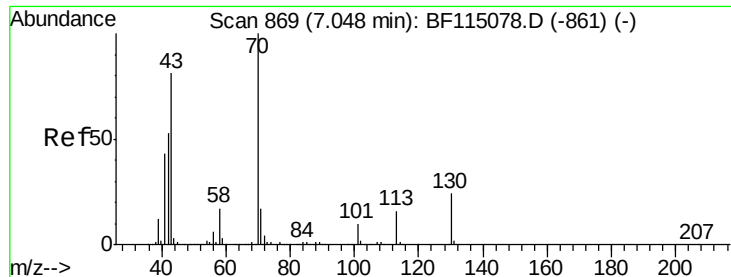


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

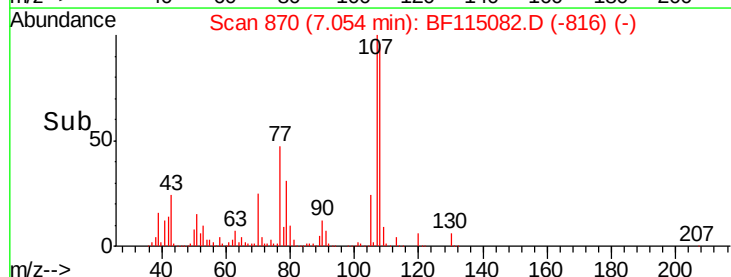
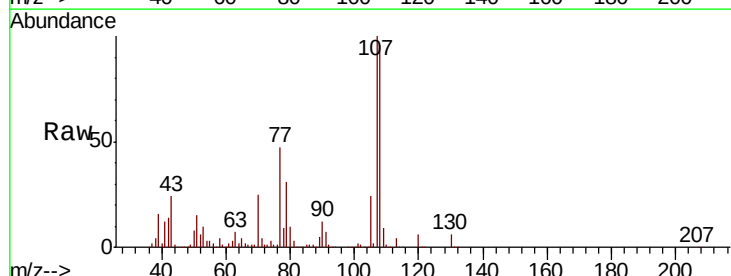
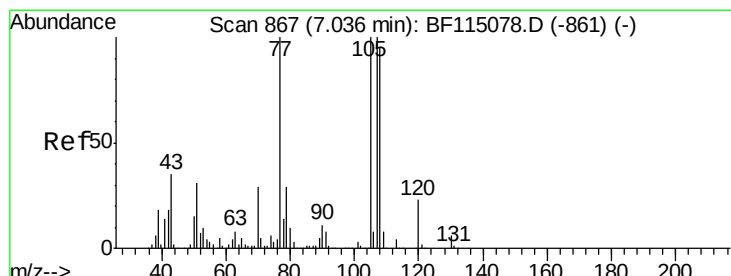
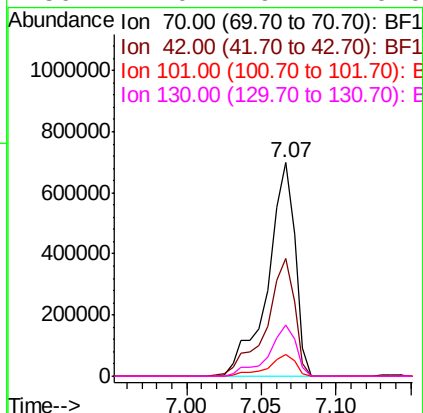




#19
n-Nitroso-di-n-propylamine
Concen: 104.638 ng
RT: 7.07 min Scan# 872
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

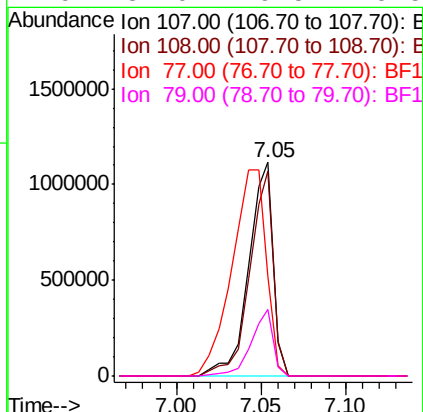
Instrument :
BNA_F
ClientSampleId :

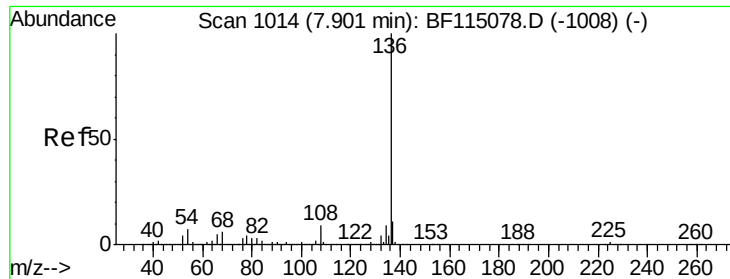
Tot Ion:	70	Resp:	894824
Ion	Ratio	Lower	Upper
70	100		
42	54.9	42.6	63.8
101	10.1	8.0	12.0
130	24.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 85.793 ng
RT: 7.05 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:	107	Resp:	1126804
Ion	Ratio	Lower	Upper
107	100		
108	95.6	75.5	115.5
77	46.7	80.2	120.2
79	31.0	9.5	49.5

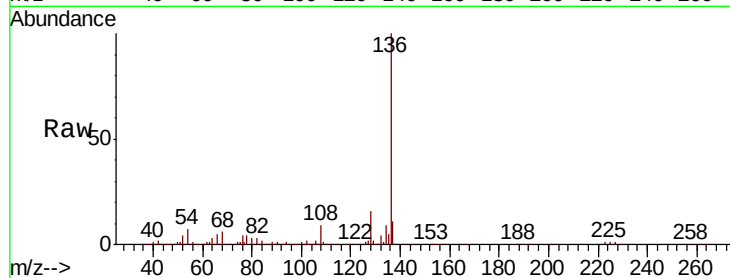




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	807341
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 6.5	5.6	8.4
68 5.9	4.8	7.2



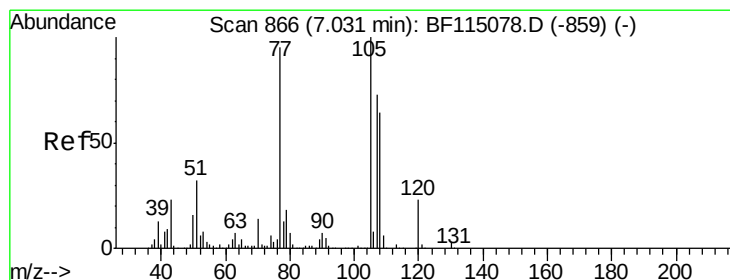
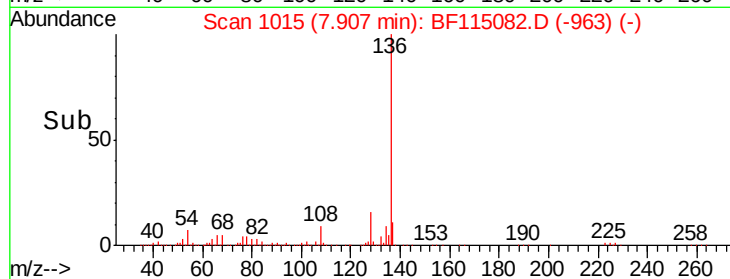
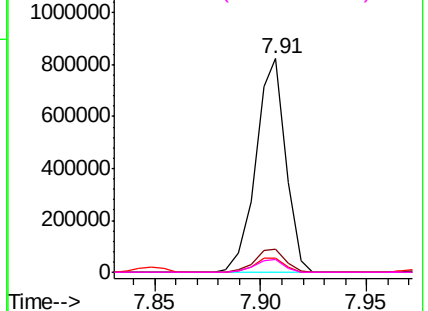
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

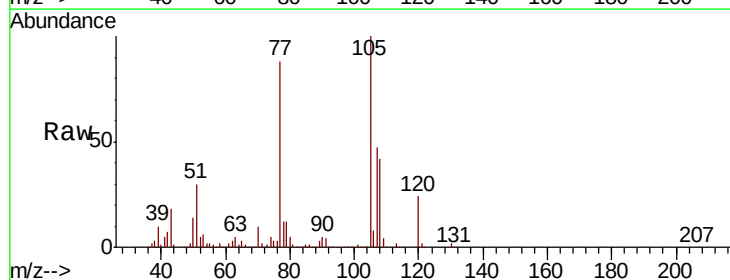
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 87.944 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt	Ion:105	Resp:	1607222
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.9	2.9#
51	29.6	25.8	38.8
120	23.6	18.5	27.7



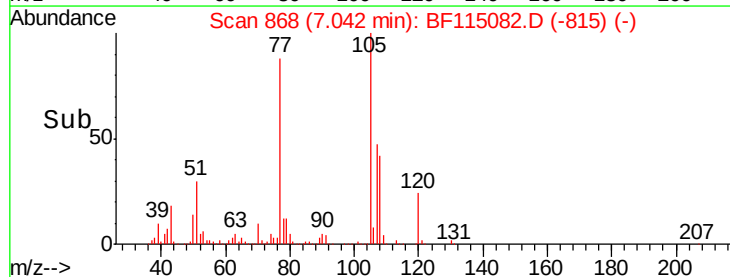
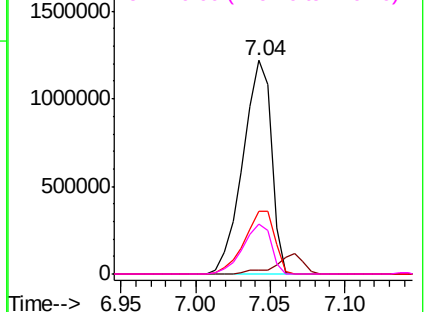
Abundance

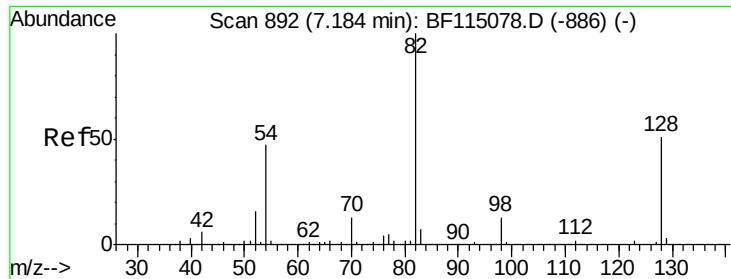
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

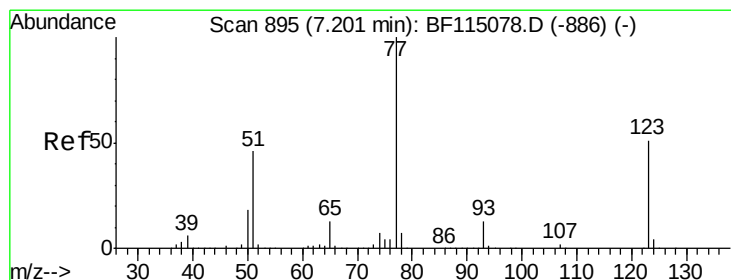
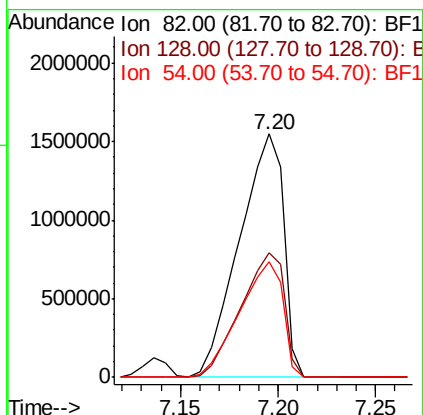
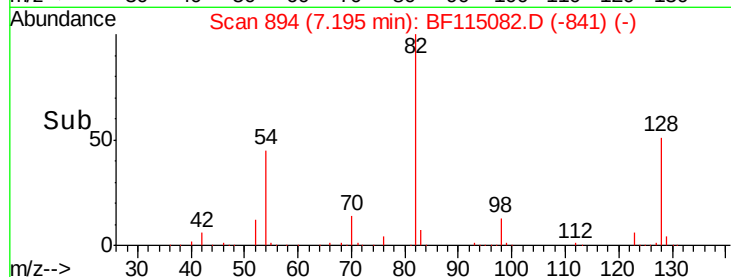
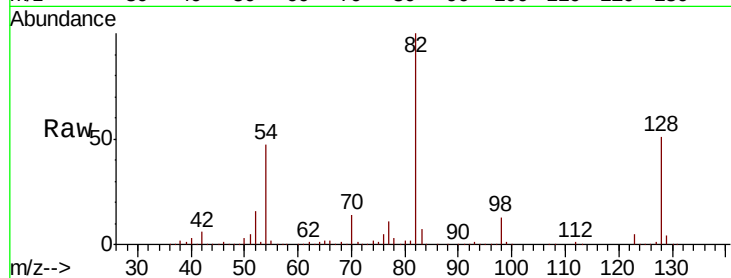




#23
 Nitrobenzene-d5
 Concen: 181.201 ng
 RT: 7.20 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

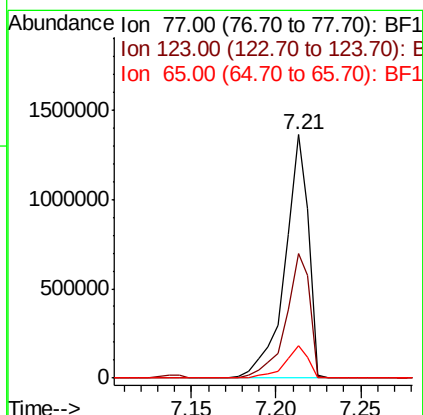
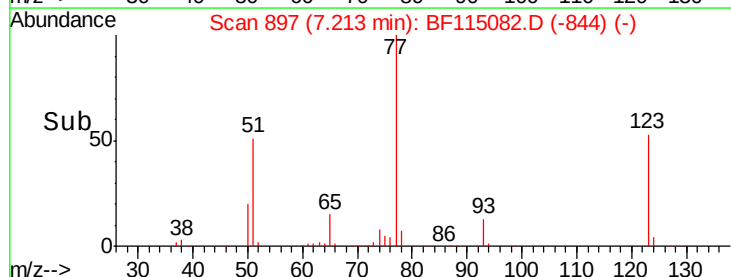
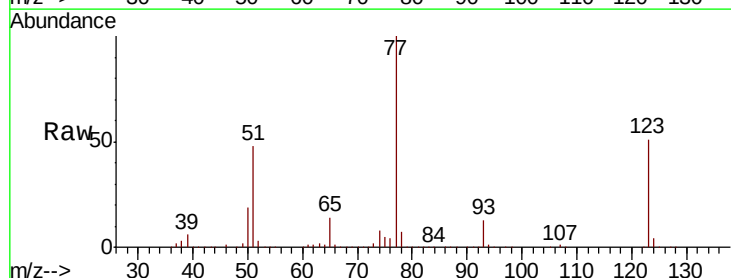
Instrument :
 BNA_F
 ClientSampleId :

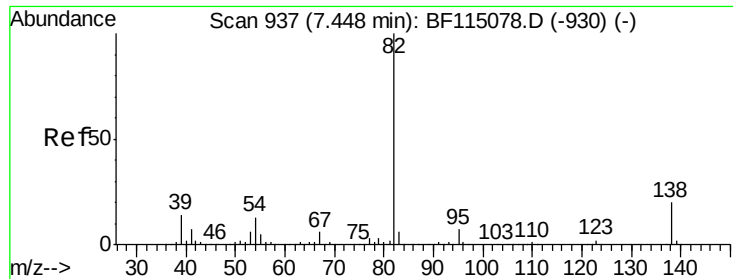
Tot Ion: 82 Resp: 2430401
 Ion Ratio Lower Upper
 82 100
 128 51.0 40.4 60.6
 54 47.4 37.5 56.3



#24
 Nitrobenzene
 Concen: 97.048 ng
 RT: 7.21 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion: 77 Resp: 1324386
 Ion Ratio Lower Upper
 77 100
 123 50.9 41.0 61.6
 65 13.5 10.5 15.7





#25

Isophorone

Concen: 100.928 ng

RT: 7.46 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

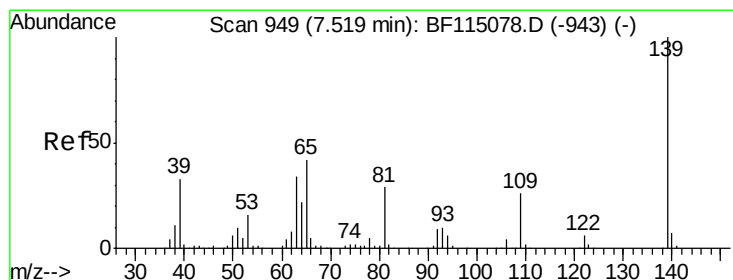
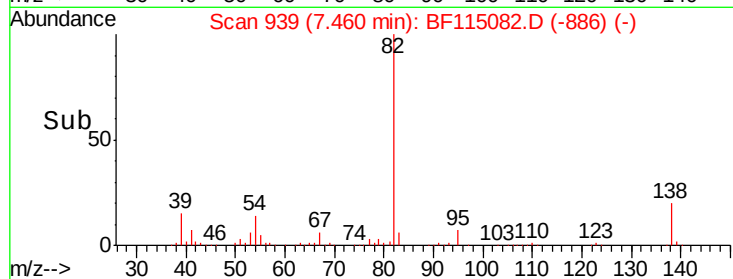
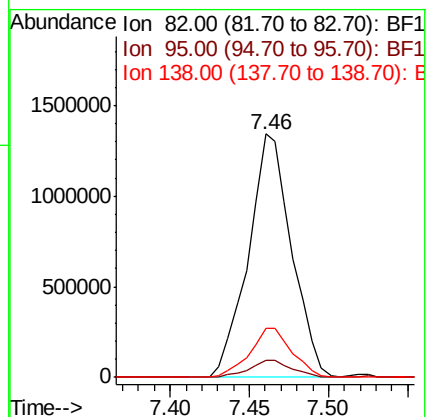
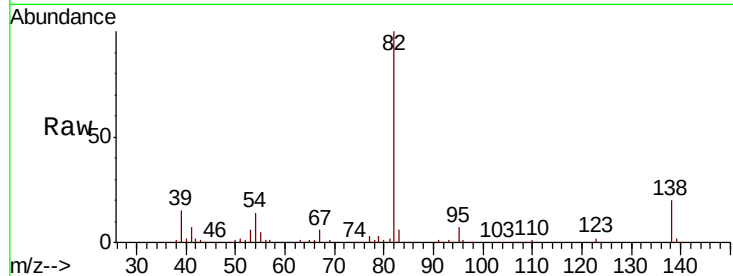
Tot Ion: 82 Resp: 2535433

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 19.9 15.9 23.9



#26

2-Nitrophenol

Concen: 94.760 ng

RT: 7.52 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

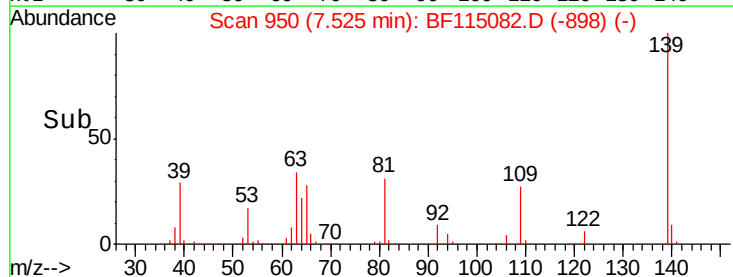
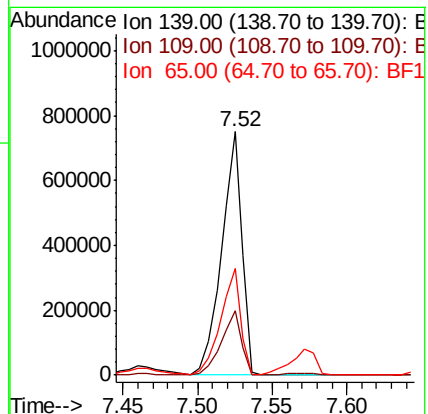
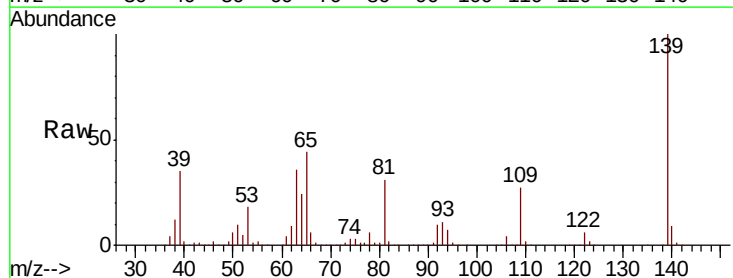
Tgt Ion: 139 Resp: 720793

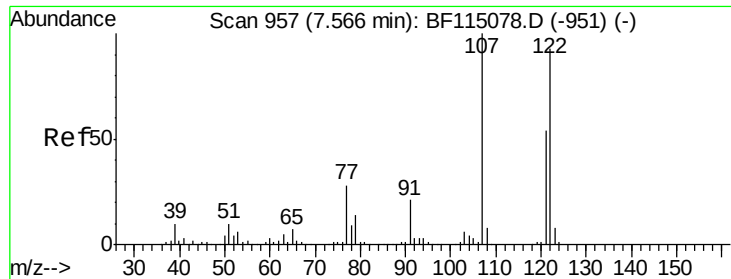
Ion Ratio Lower Upper

139 100

109 26.5 20.4 30.6

65 43.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 97.745 ng

RT: 7.57 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

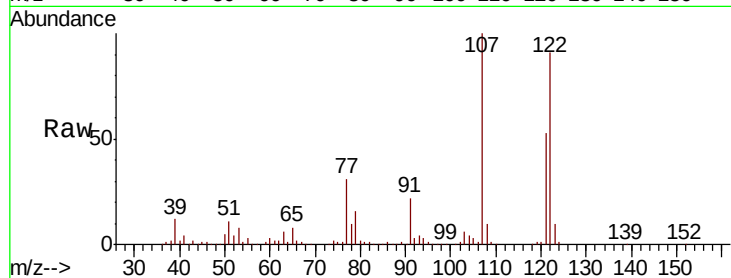
Tot Ion:122 Resp: 1072563

Ion Ratio Lower Upper

122 100

107 109.4 85.8 128.6

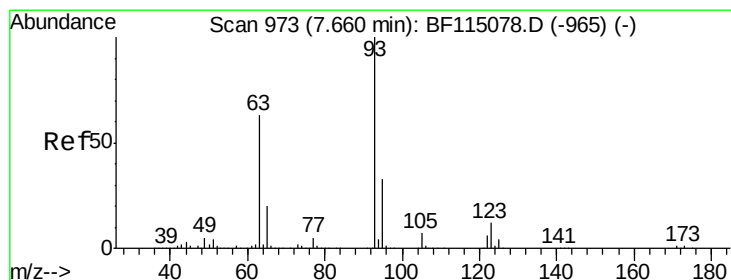
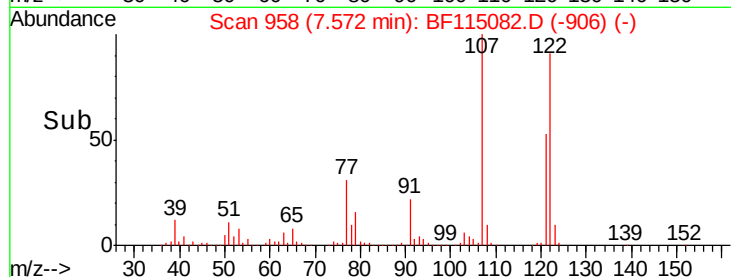
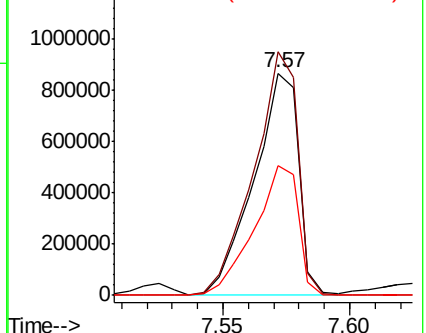
121 58.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 94.115 ng

RT: 7.67 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

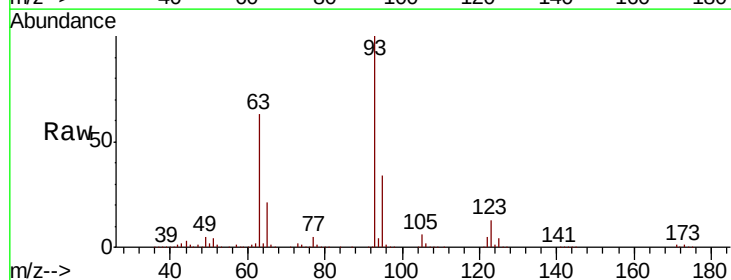
Tgt Ion: 93 Resp: 1516876

Ion Ratio Lower Upper

93 100

95 33.8 26.2 39.4

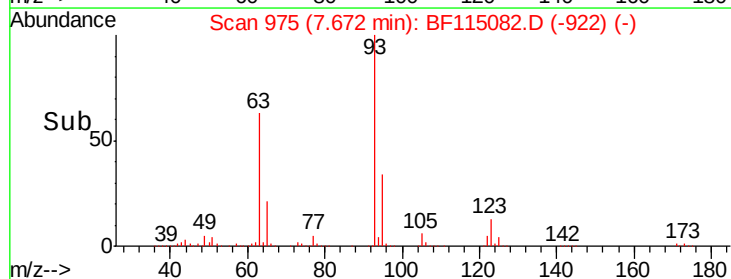
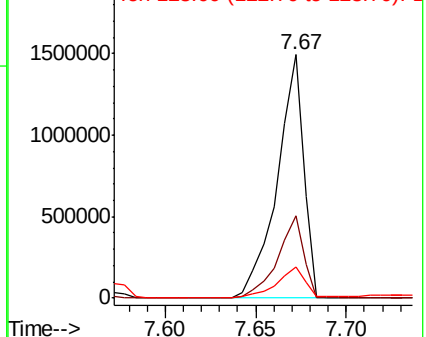
123 13.0 9.7 14.5

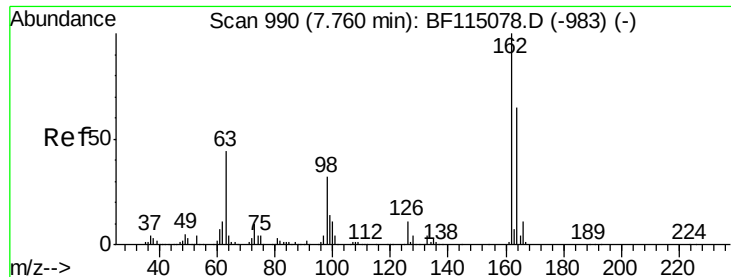


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

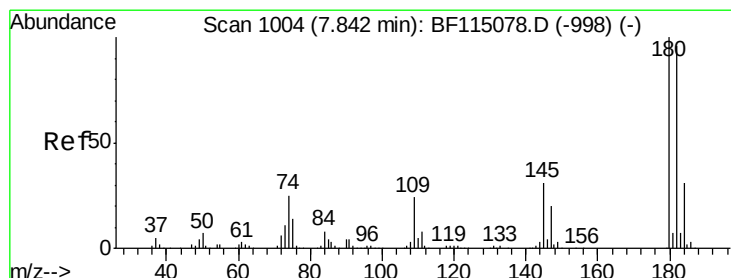
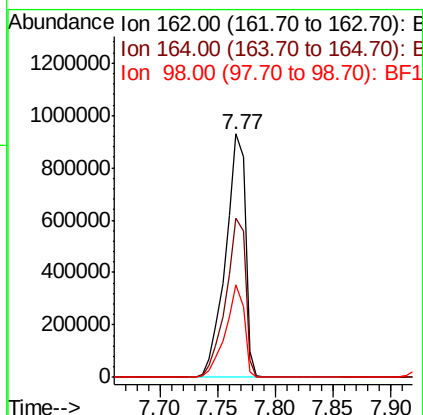
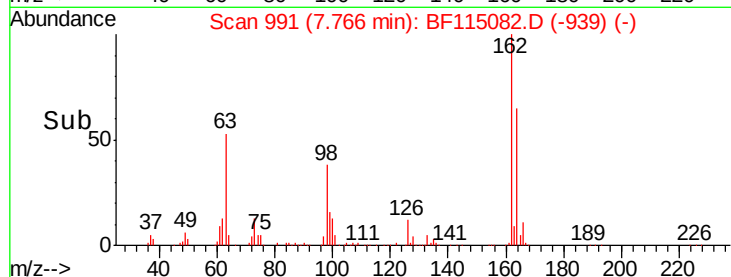
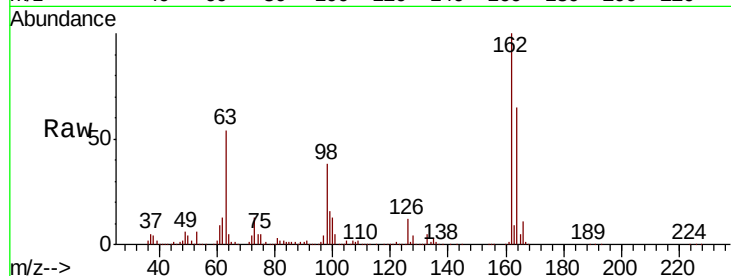




#29
2,4-Dichlorophenol
Concen: 95.306 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

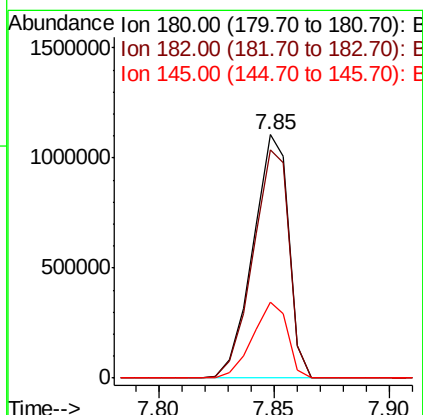
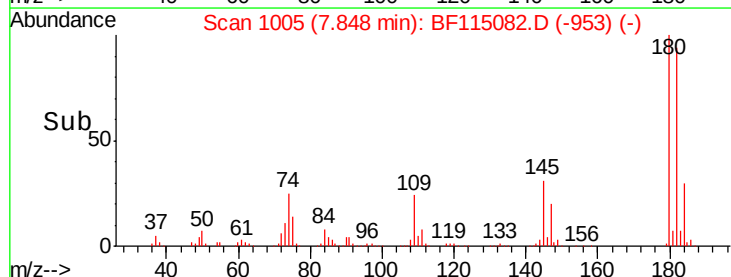
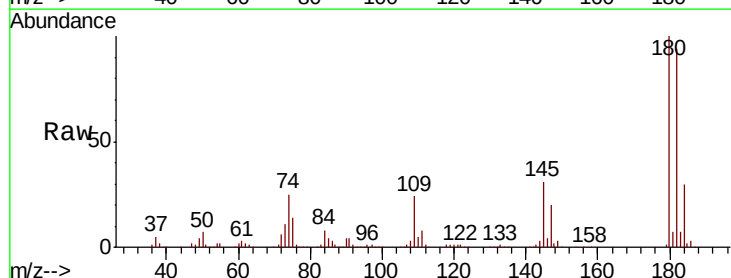
Instrument :
BNA_F
ClientSampled :

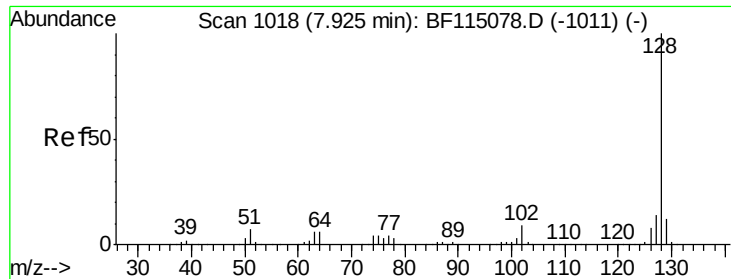
Tot Ion:162 Resp: 1104800
Ion Ratio Lower Upper
162 100
164 65.1 45.3 85.3
98 37.9 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 88.941 ng
RT: 7.85 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:180 Resp: 1191321
Ion Ratio Lower Upper
180 100
182 94.0 76.4 114.6
145 31.4 24.8 37.2

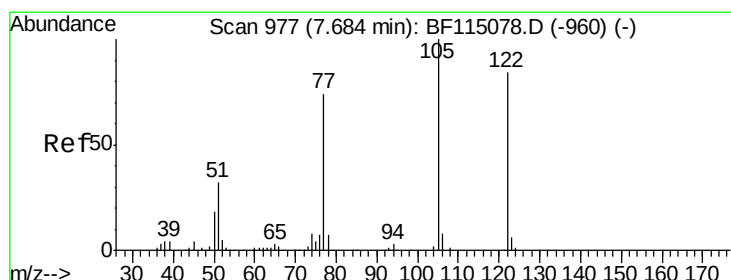
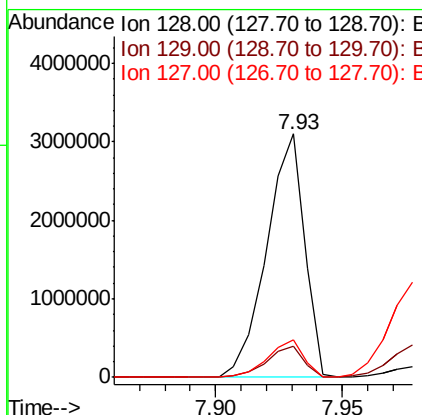
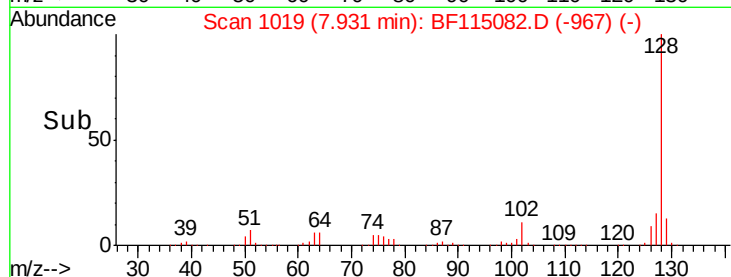
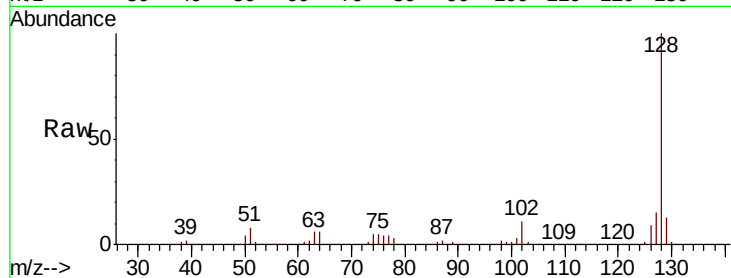




#31
Naphthalene
Concen: 85.076 ng
RT: 7.93 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

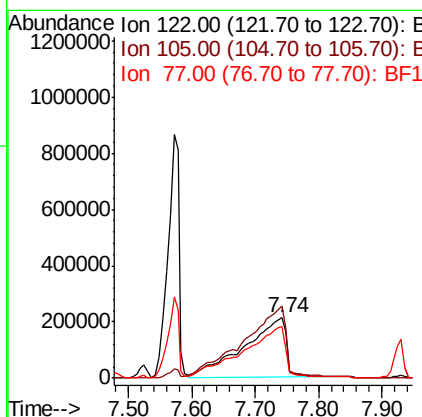
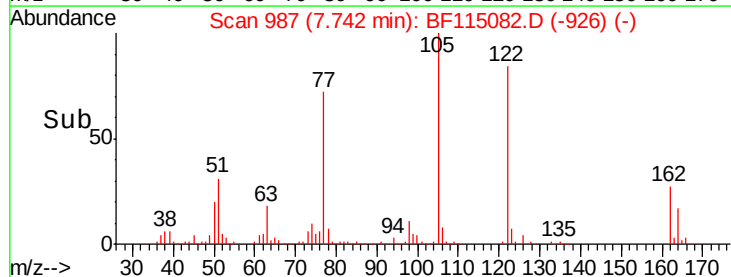
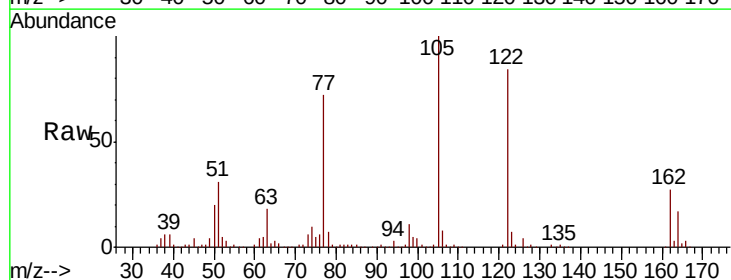
Instrument :
BNA_F
ClientSampleId :

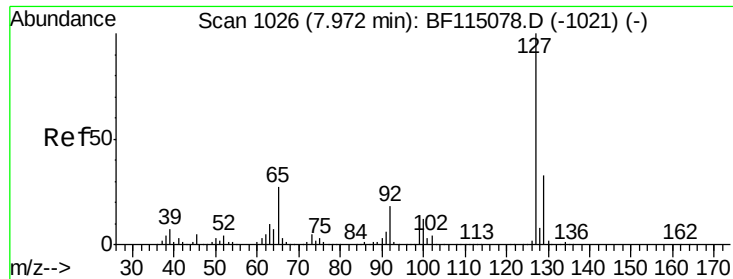
Tot Ion:128 Resp: 3249779
Ion Ratio Lower Upper
128 100
129 13.0 9.6 14.4
127 15.3 11.4 17.0



#32
Benzoic acid
Concen: 123.427 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.06 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:122 Resp: 979951
Ion Ratio Lower Upper
122 100
105 119.4 98.2 138.2
77 86.0 67.0 107.0

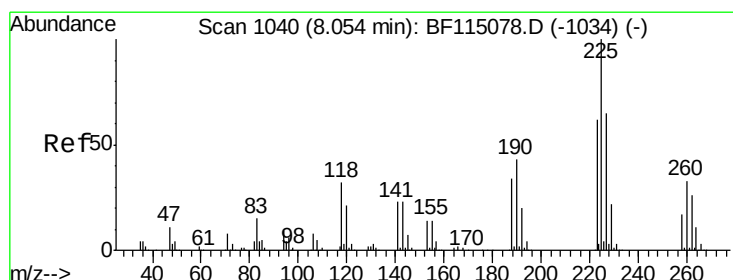
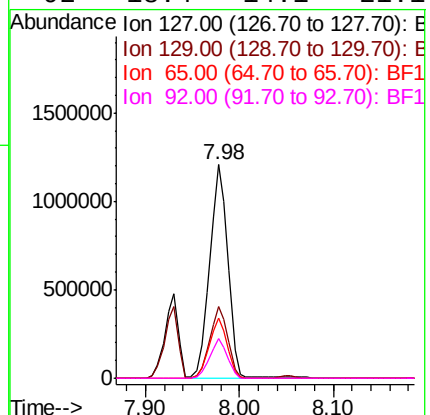
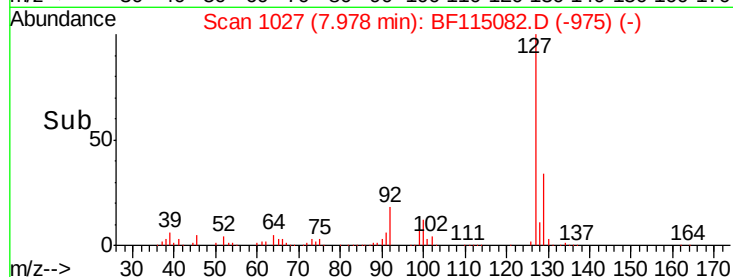
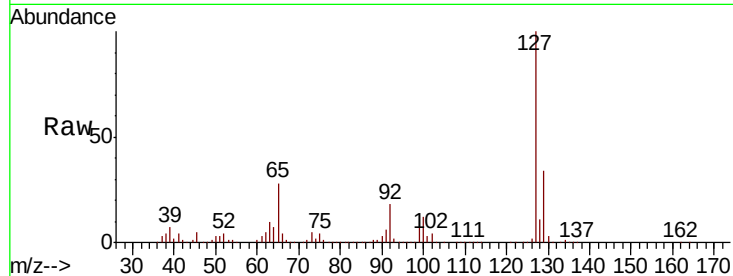




#33
4-Chloroaniline
Concen: 94.370 ng
RT: 7.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

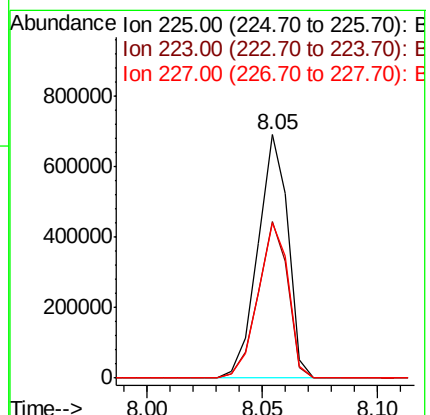
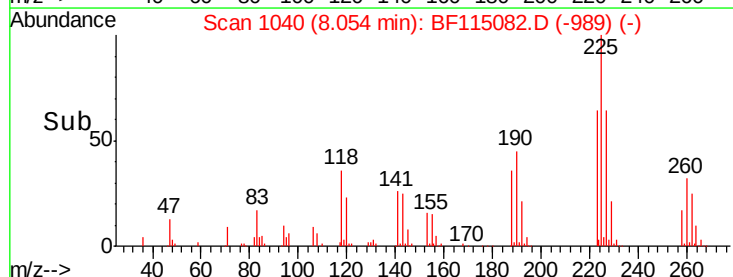
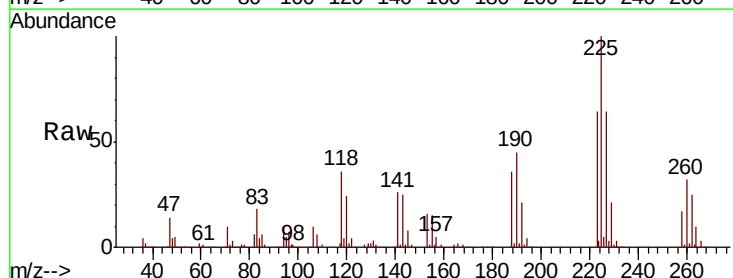
Instrument :
BNA_F
ClientSampleId :

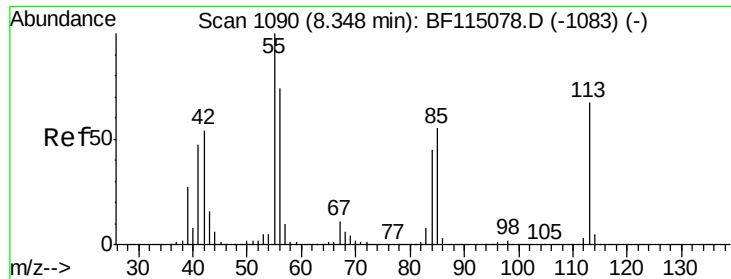
Tot Ion:127	Resp: 1663999
Ion Ratio	Lower Upper
127 100	
129 33.5	26.1 39.1
65 28.5	21.4 32.2
92 18.4	14.1 21.1



#34
Hexachlorobutadiene
Concen: 84.843 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	225	Resp: Lower	631671 Upper
	Ratio		
225	100		
223	64.1	49.4	74.2
227	63.8	51.8	77.8

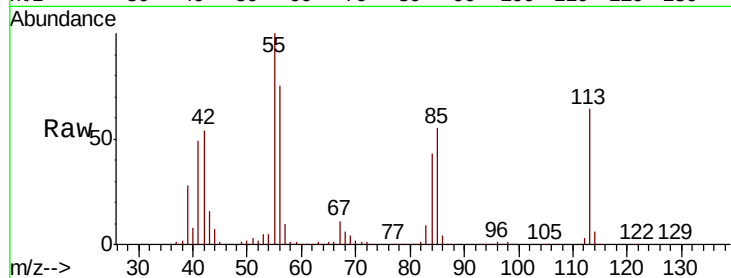




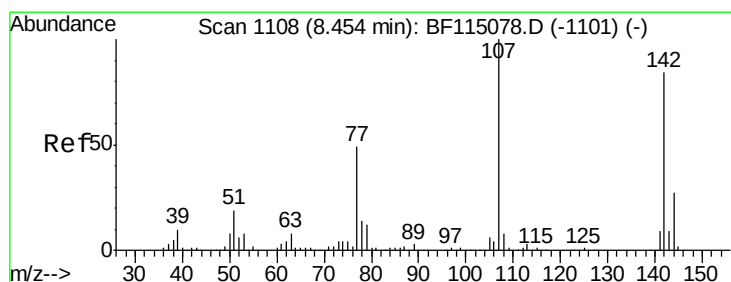
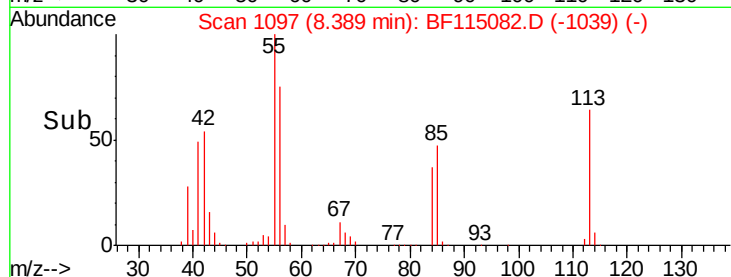
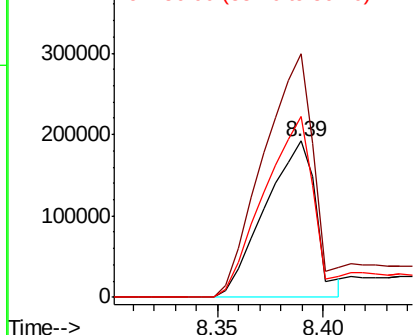
#35
Caprolactam
Concen: 83.583 ng
RT: 8.39 min Scan# 1097
Delta R.T. 0.04 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 322705
Ion Ratio Lower Upper
113 100
55 155.7 130.2 170.2
56 116.1 91.6 131.6

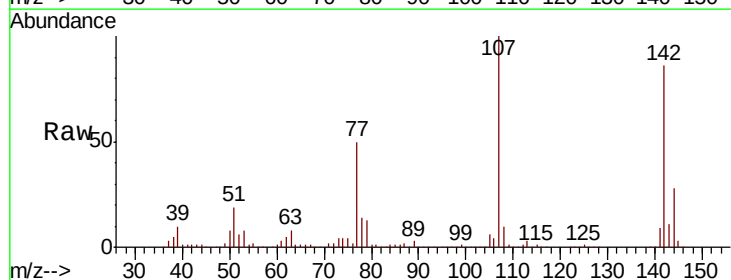


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

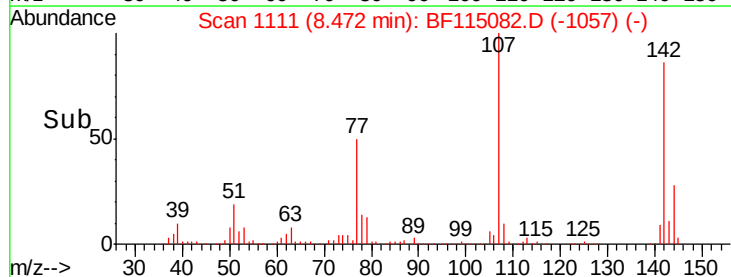
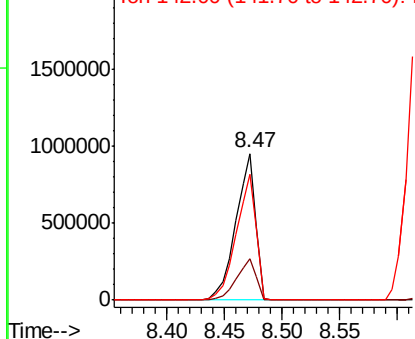


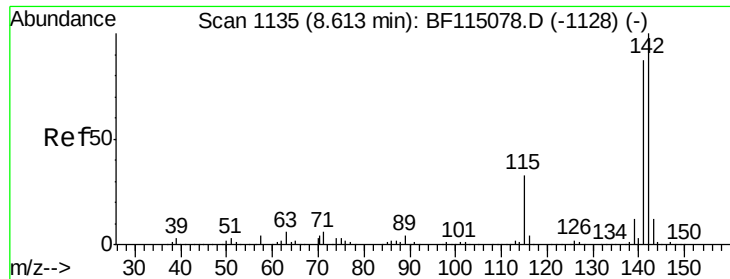
#36
4-Chloro-3-methylphenol
Concen: 96.069 ng
RT: 8.47 min Scan# 1111
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:107 Resp: 1122277
Ion Ratio Lower Upper
107 100
144 28.0 21.7 32.5
142 85.7 67.0 100.4



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

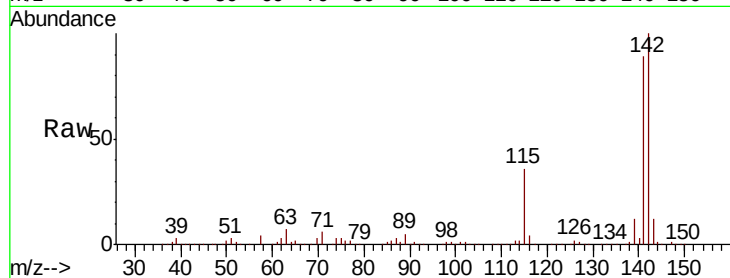




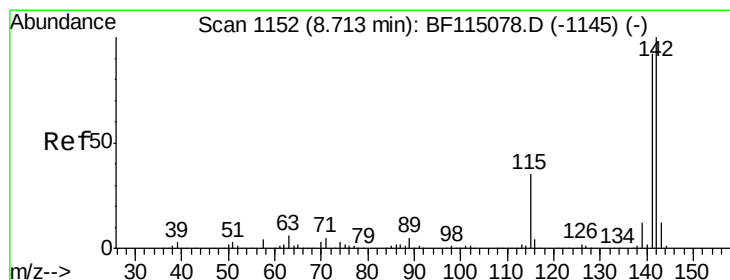
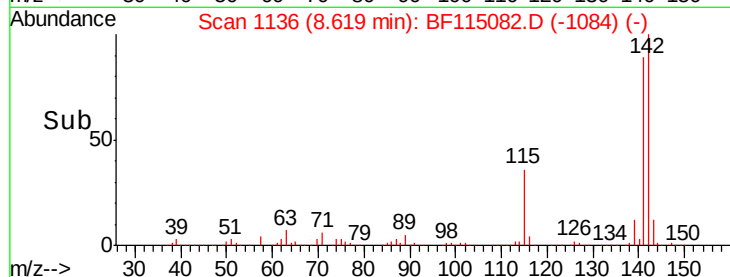
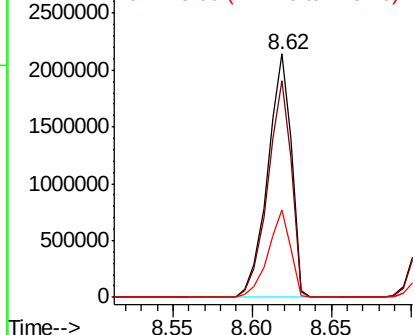
#37
2-Methylnaphthalene
Concen: 87.628 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 2232552
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6
115 35.9 26.7 40.1

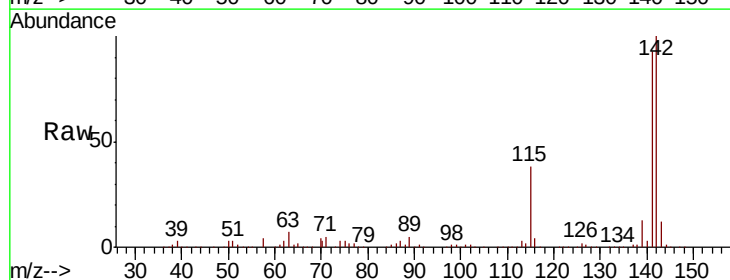


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

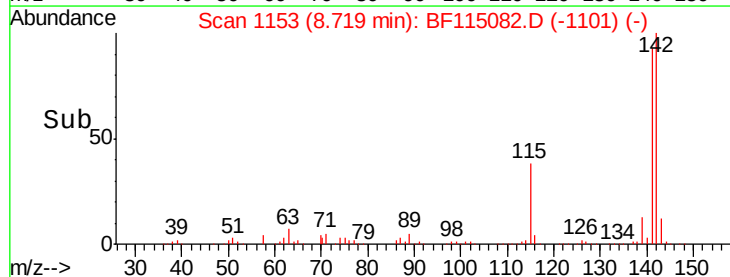
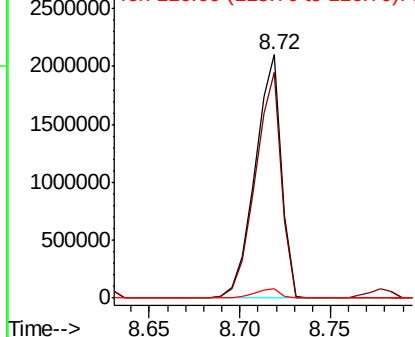


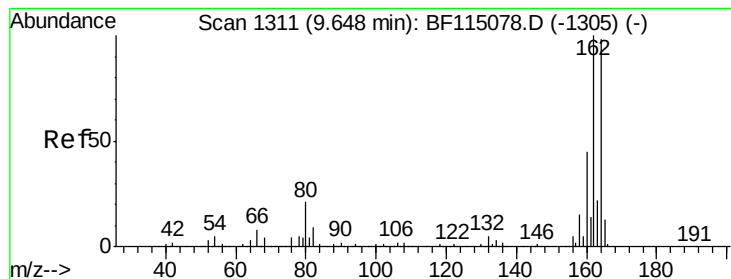
#38
1-Methylnaphthalene
Concen: 87.643 ng
RT: 8.72 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:142 Resp: 2110420
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.8
116 4.0 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: 9.65 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampled :

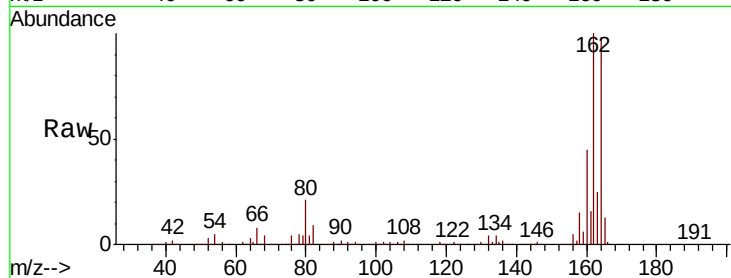
Tot Ion:164 Resp: 398355

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

160 45.8 37.0 55.4

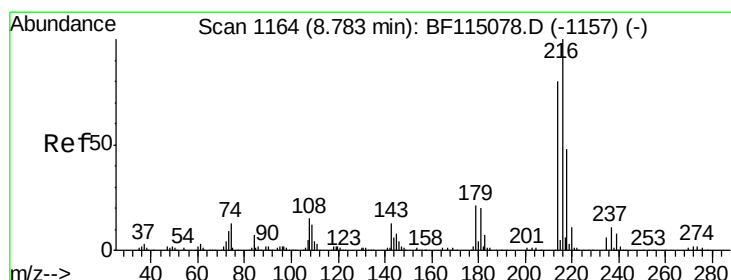
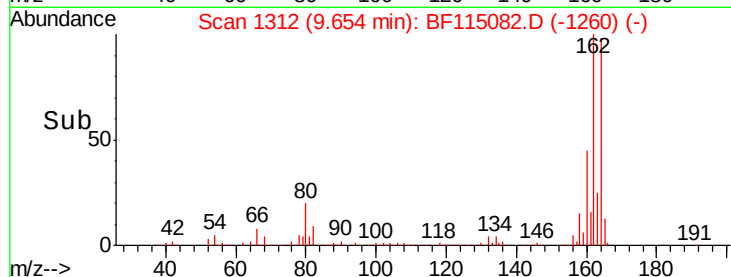
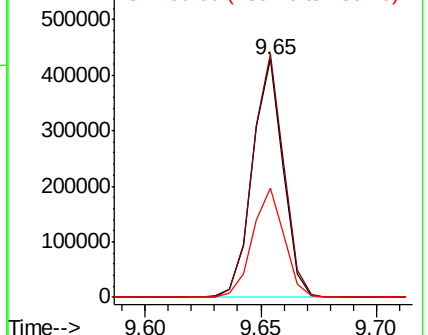


Abundance

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: 79.308 ng

RT: 8.79 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion:216 Resp: 933363

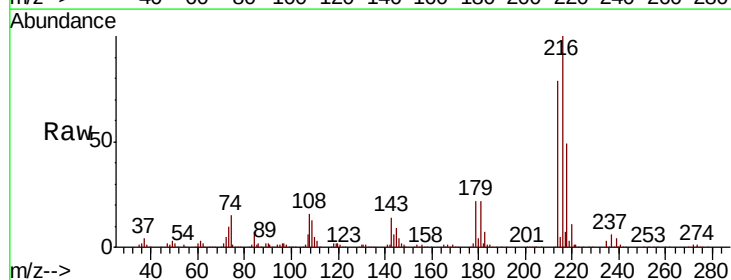
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 22.6 17.6 26.4

108 19.7 15.7 23.5



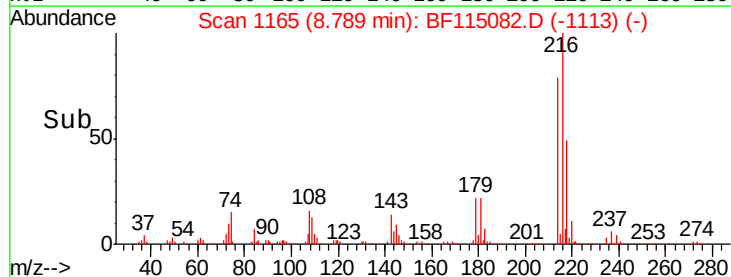
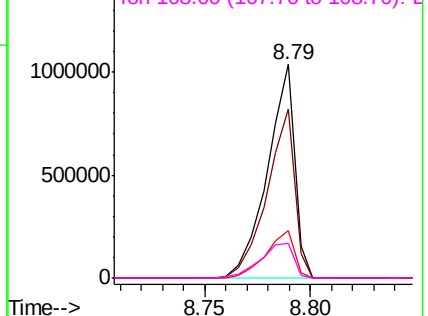
Abundance

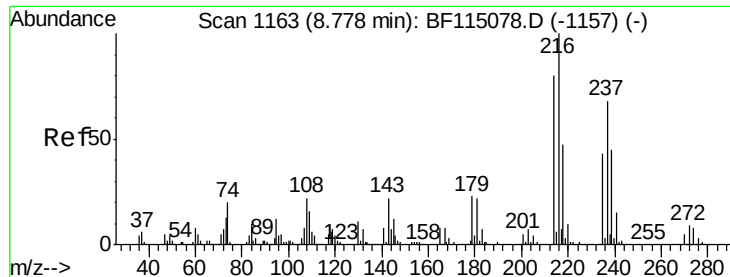
Ion 216.00 (215.70 to 216.70): E

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: 100.964 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

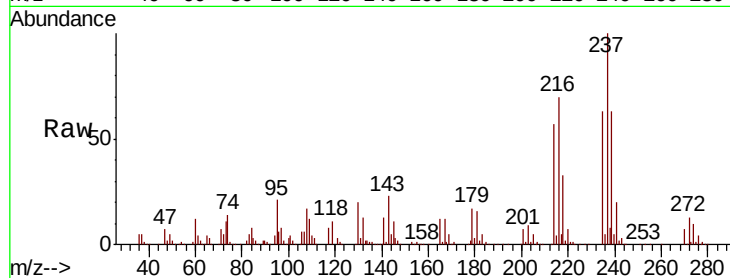
Tot Ion:237 Resp: 585514

Ion Ratio Lower Upper

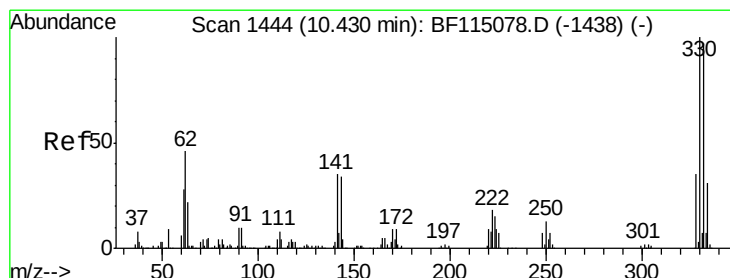
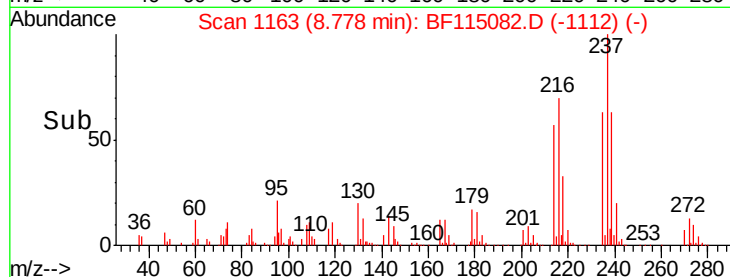
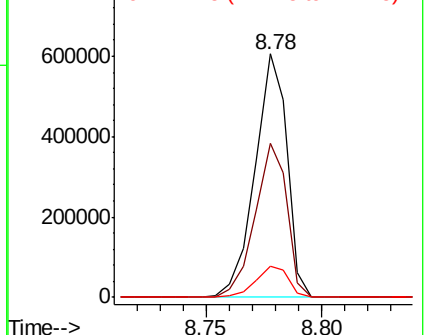
237 100

235 63.5 43.9 83.9

272 12.8 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: 173.330 ng

RT: 10.44 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

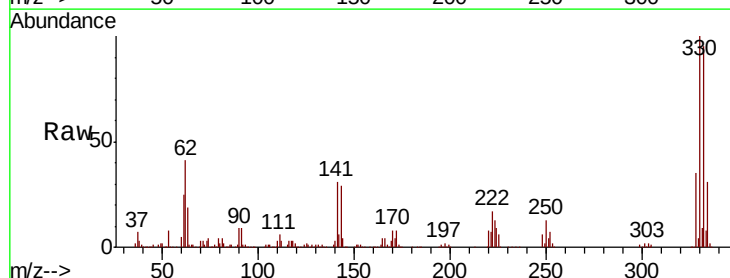
Tgt Ion:330 Resp: 739396

Ion Ratio Lower Upper

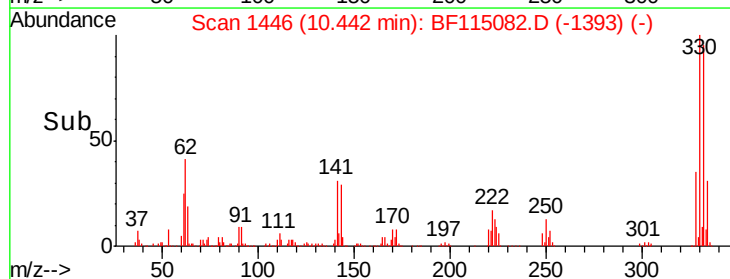
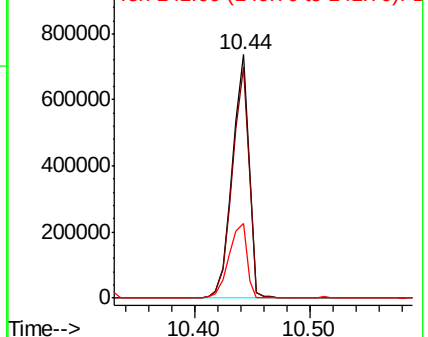
330 100

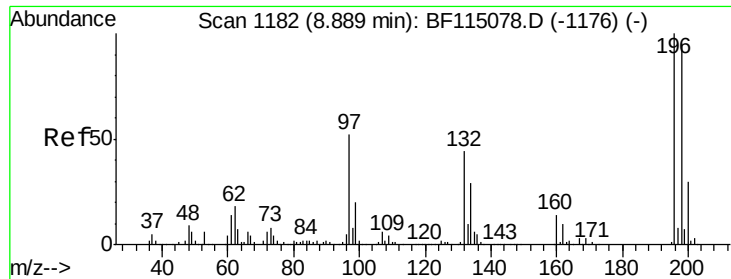
332 96.1 77.3 115.9

141 32.7 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

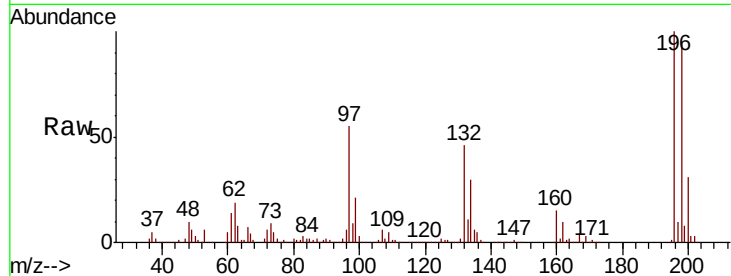




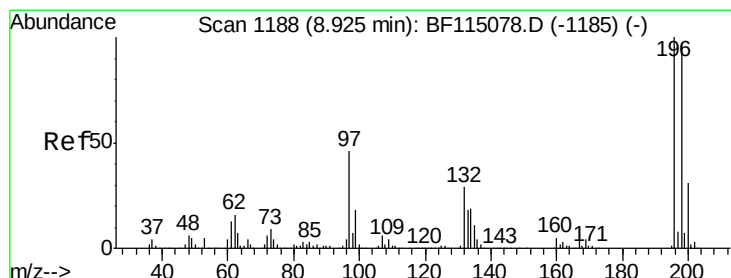
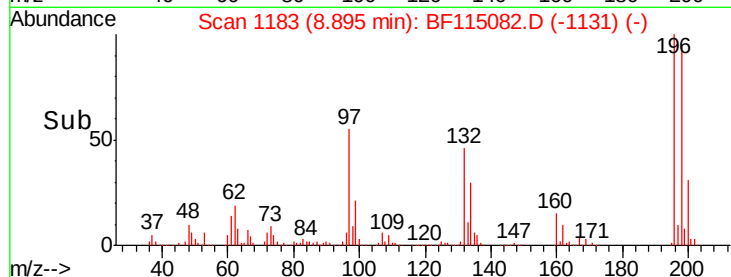
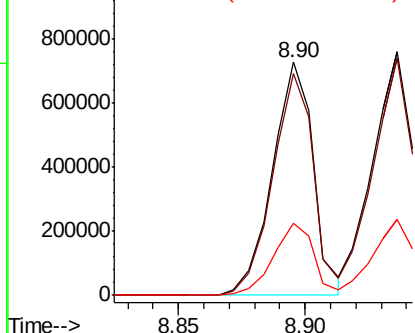
#43
 2,4,6-Trichlorophenol
 Concen: 92.339 ng
 RT: 8.90 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 811682
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 30.9 24.2 36.4

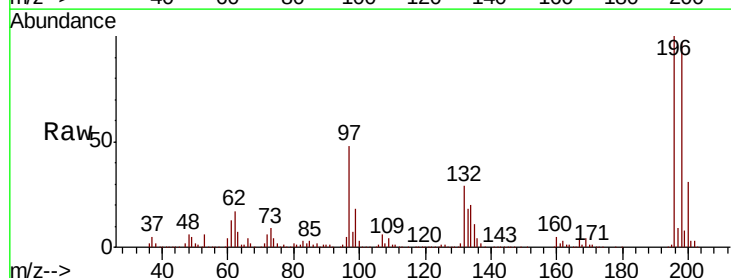


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

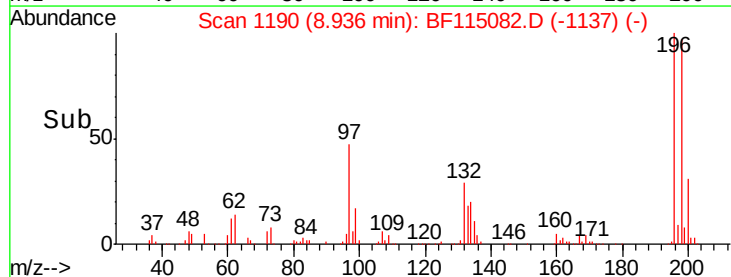
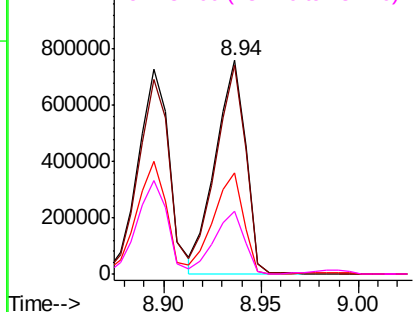


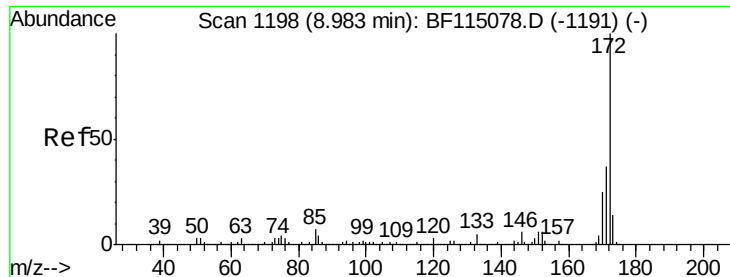
#44
 2,4,5-Trichlorophenol
 Concen: 92.233 ng
 RT: 8.94 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion:196 Resp: 819342
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.1 115.7
 97 47.6 37.7 56.5
 132 29.2 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

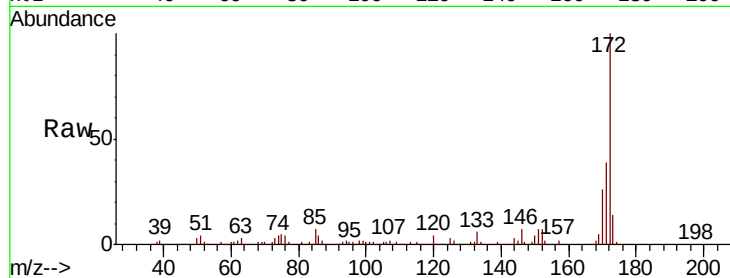




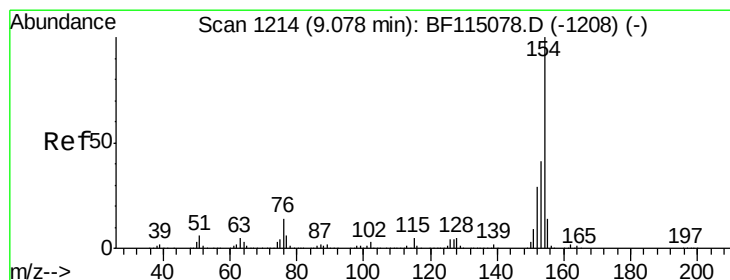
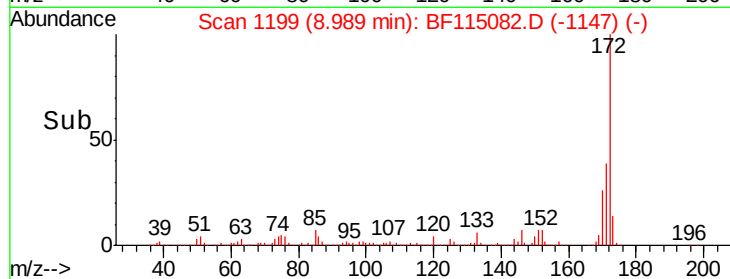
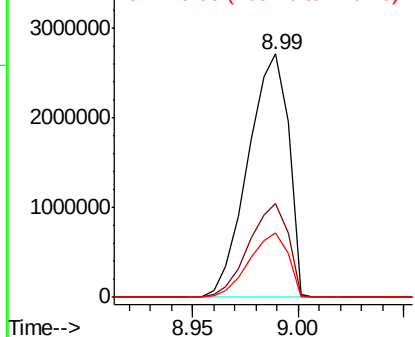
#45
2-Fluorobiphenyl
Concen: 154.237 ng
RT: 8.99 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3625200
Ion Ratio Lower Upper
172 100
171 38.7 29.8 44.6
170 26.4 20.3 30.5

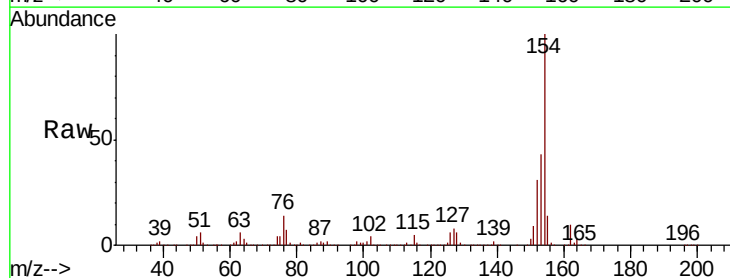


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

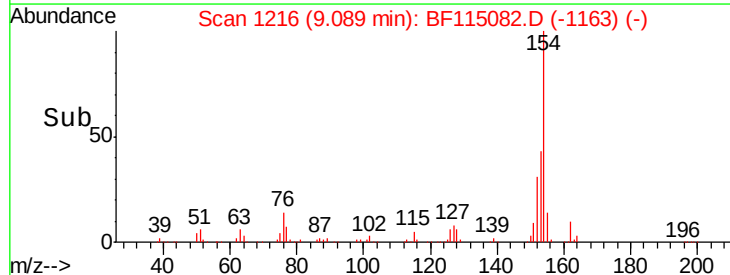
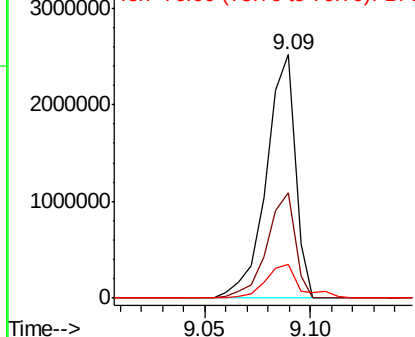


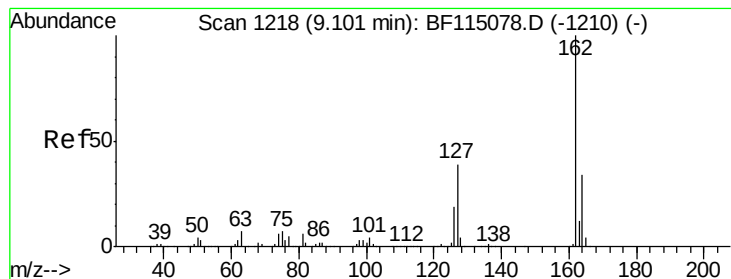
#46
1,1'-Biphenyl
Concen: 75.377 ng
RT: 9.09 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:154 Resp: 2406201
Ion Ratio Lower Upper
154 100
153 43.1 20.9 60.9
76 13.6 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 84.060 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

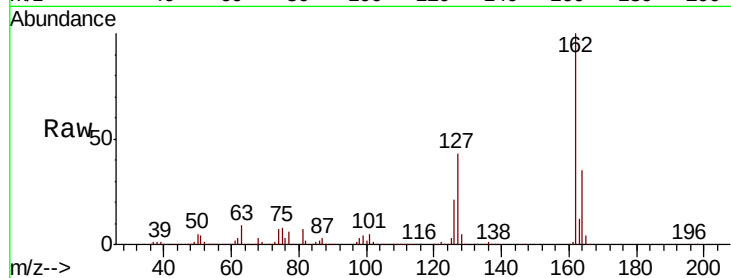
Tot Ion:162 Resp: 2169896

Ion Ratio Lower Upper

162 100

127 42.8 30.8 46.2

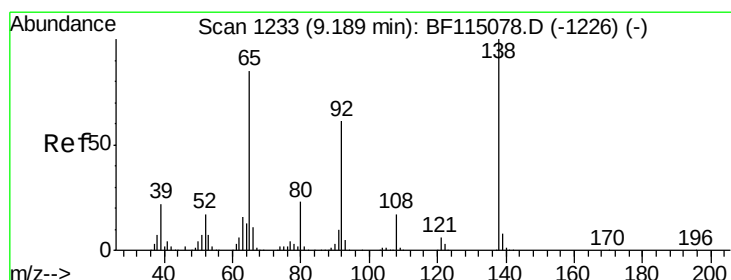
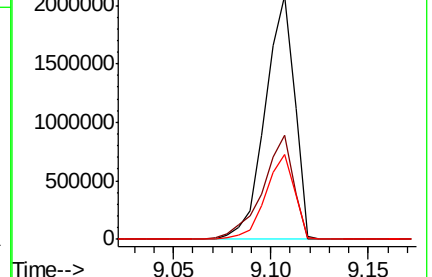
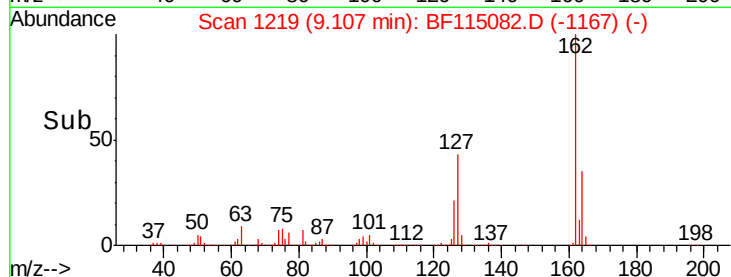
164 34.8 27.0 40.4



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: 95.434 ng

RT: 9.20 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

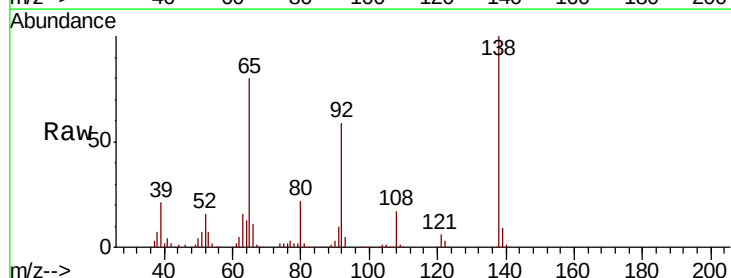
Tgt Ion: 65 Resp: 728148

Ion Ratio Lower Upper

65 100

92 73.8 57.4 86.2

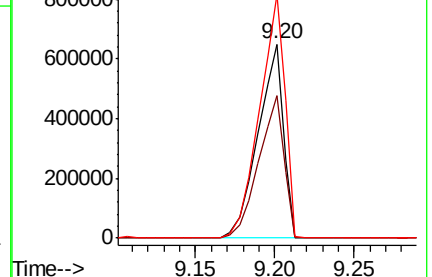
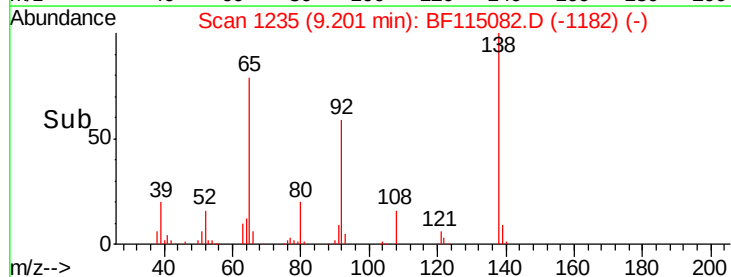
138 125.5 94.1 141.1

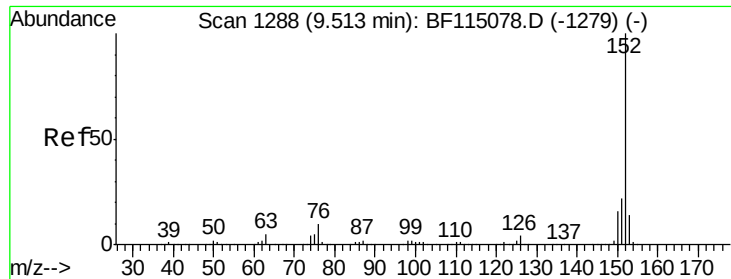


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 82.588 ng

RT: 9.52 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

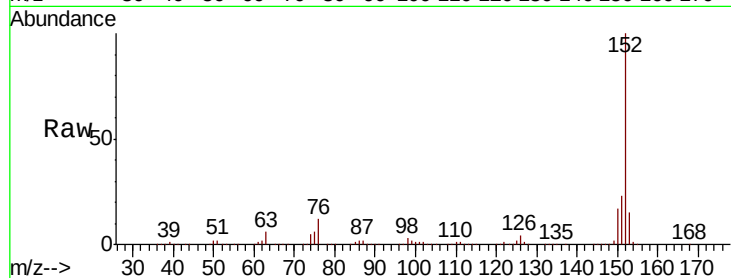
Tot Ion:152 Resp: 3277823

Ion Ratio Lower Upper

152 100

151 22.9 17.2 25.8

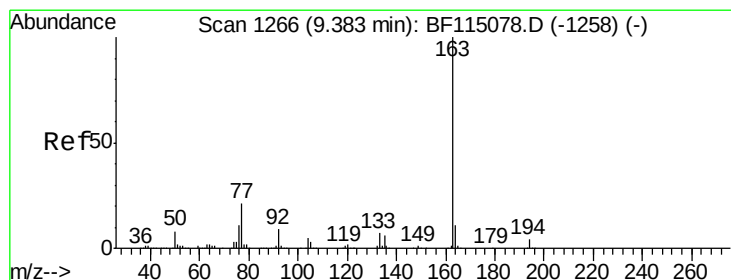
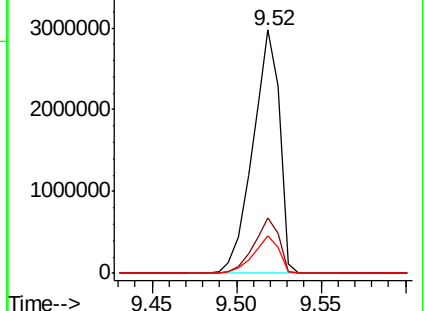
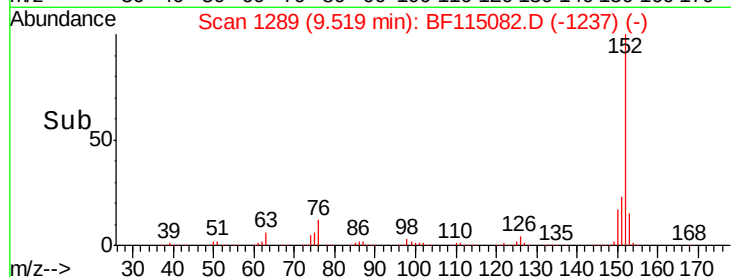
153 15.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 85.548 ng

RT: 9.40 min Scan# 1269

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

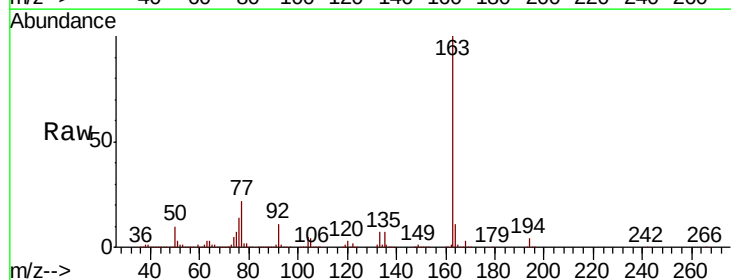
Tgt Ion:163 Resp: 2562844

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

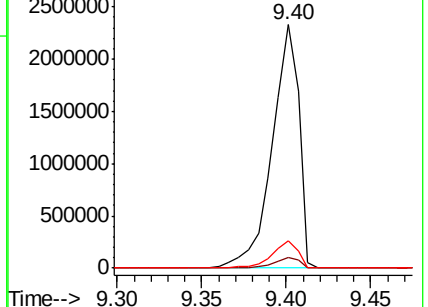
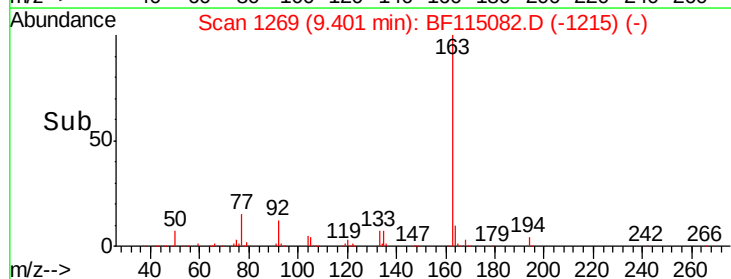
164 11.3 8.6 13.0

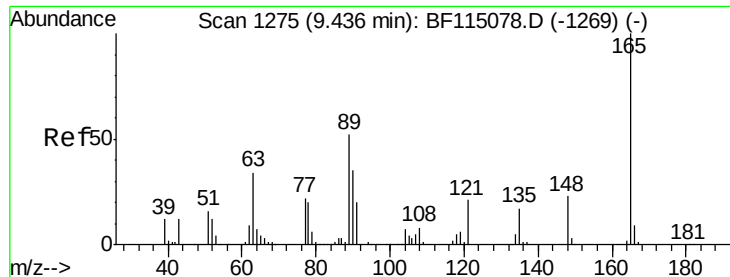


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 97.443 ng

RT: 9.45 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

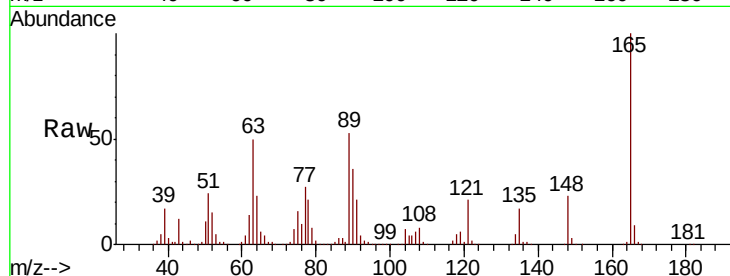
Tot Ion:165 Resp: 662180

Ion Ratio Lower Upper

165 100

63 50.4 39.4 59.2

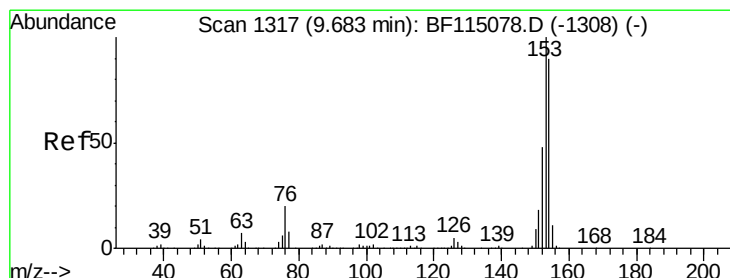
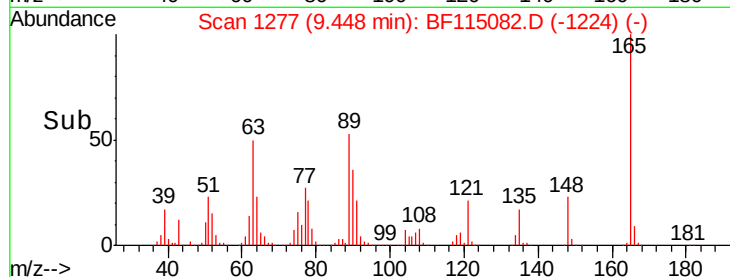
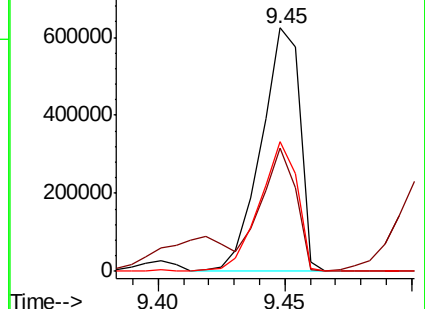
89 53.1 42.0 63.0



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: 94.454 ng

RT: 9.70 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

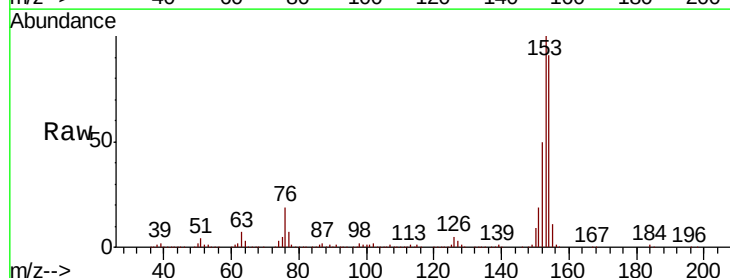
Tgt Ion:154 Resp: 2144775

Ion Ratio Lower Upper

154 100

153 110.2 88.7 133.1

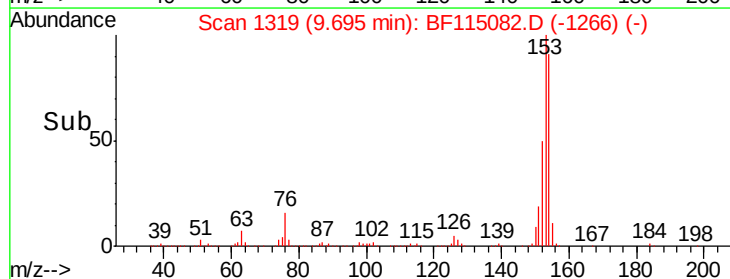
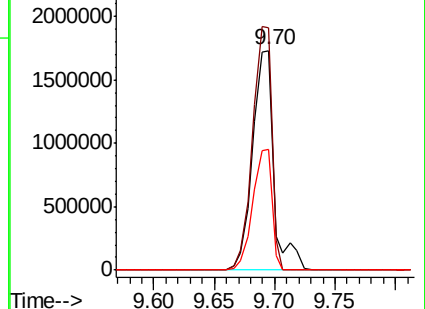
152 54.9 42.6 64.0

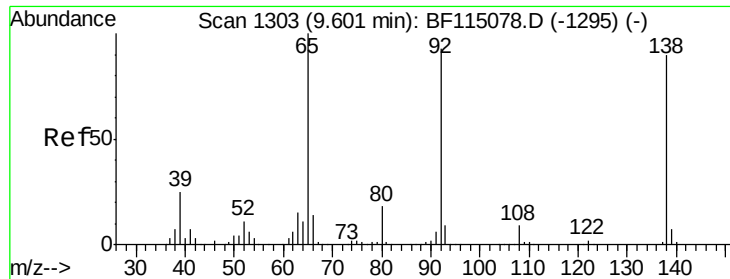


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

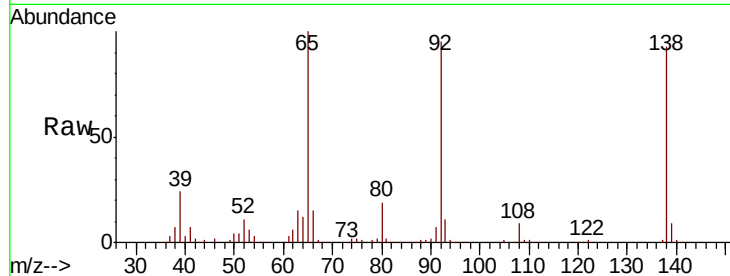




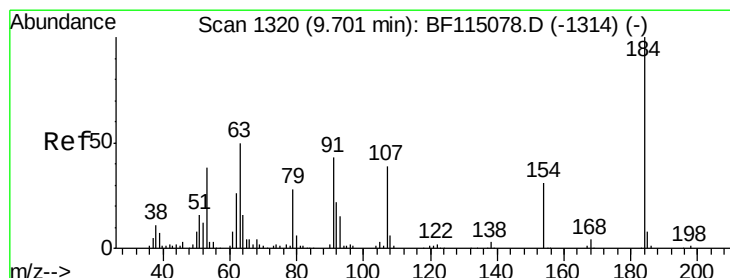
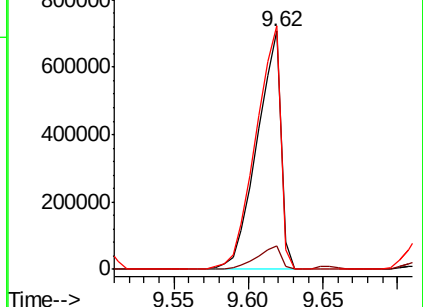
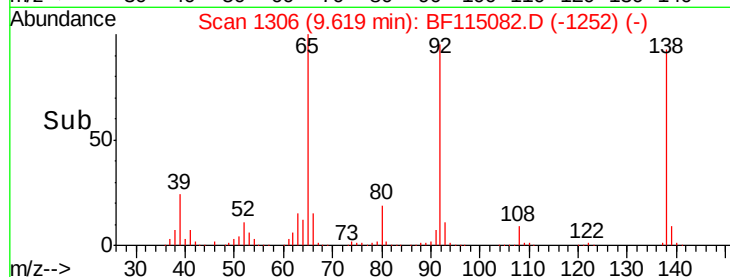
#53
3-Nitroaniline
Concen: 93.542 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 778832
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 102.3 82.9 124.3

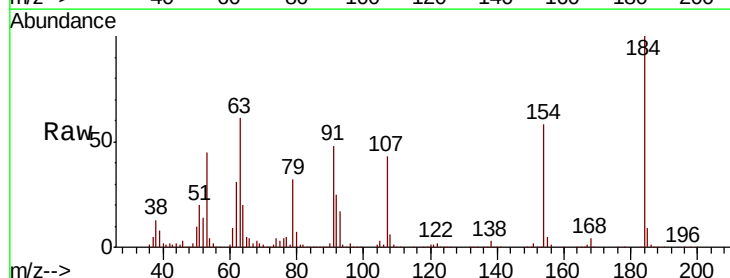


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

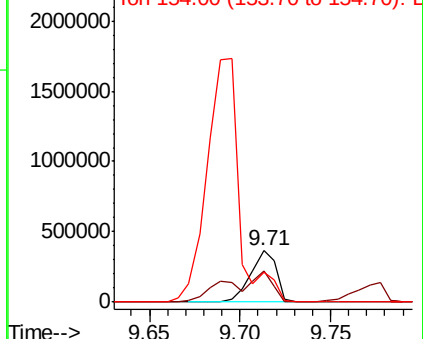
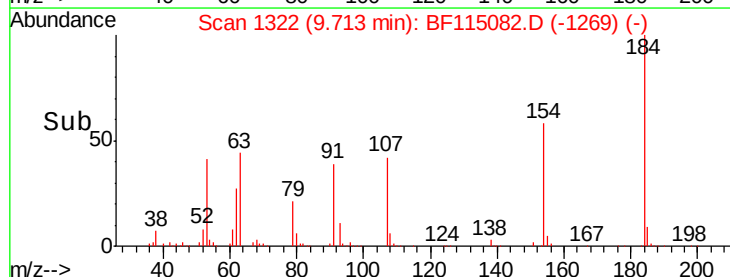


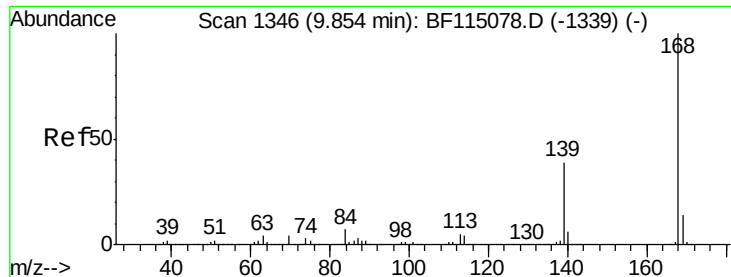
#54
2,4-Dinitrophenol
Concen: 109.493 ng
RT: 9.71 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:184 Resp: 360908
Ion Ratio Lower Upper
184 100
63 60.8 41.9 62.9
154 58.1 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

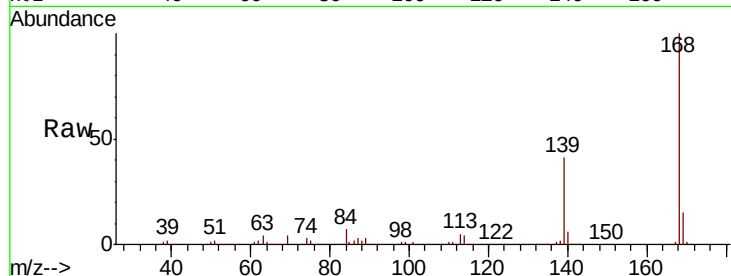




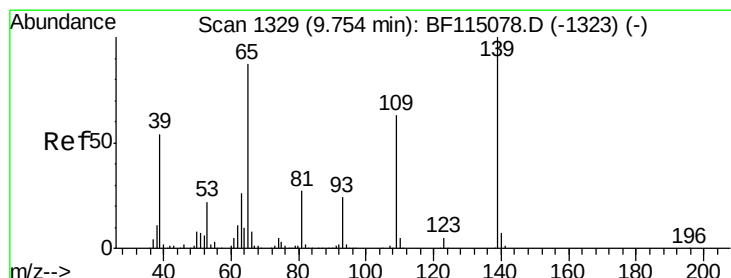
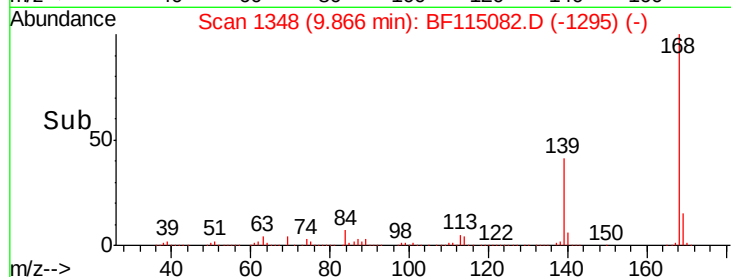
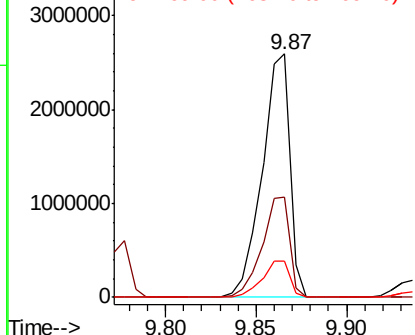
#55
Dibenzenofuran
Concen: 80.307 ng
RT: 9.87 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2748294
Ion Ratio Lower Upper
168 100
139 41.1 31.1 46.7
169 14.7 11.3 16.9

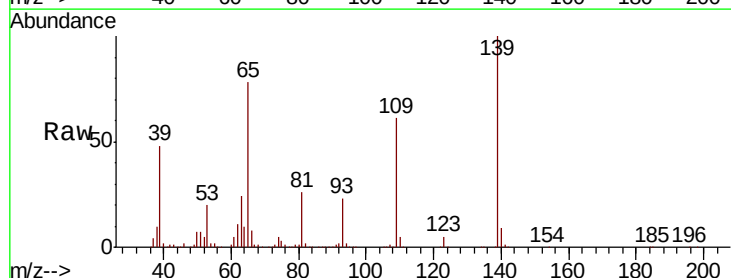


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

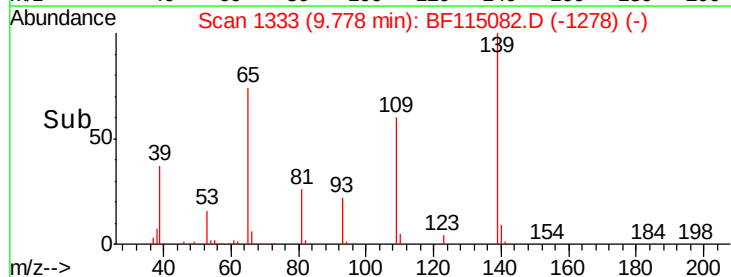
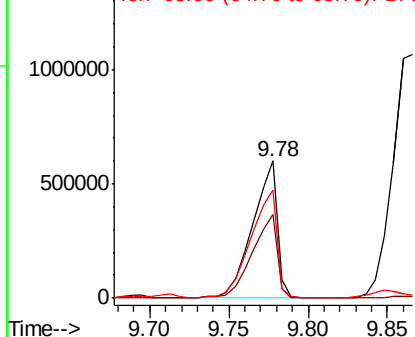


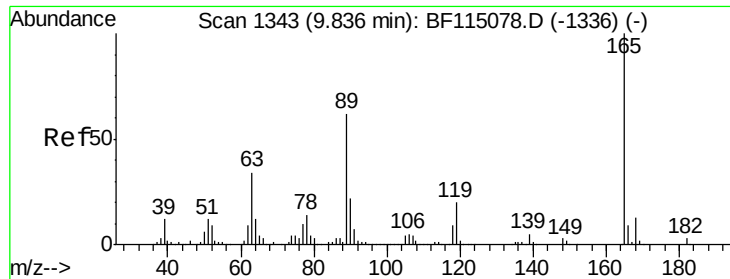
#56
4-Nitrophenol
Concen: 113.726 ng
RT: 9.78 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:139 Resp: 652973
Ion Ratio Lower Upper
139 100
109 60.7 43.0 83.0
65 78.4 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

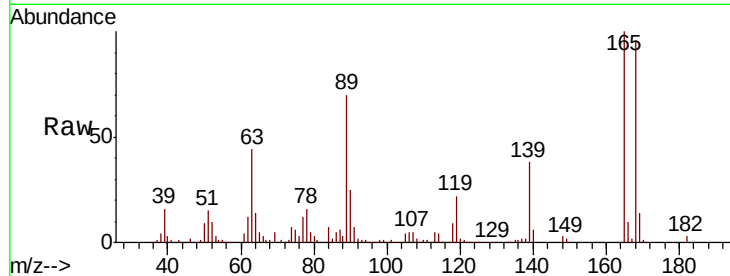




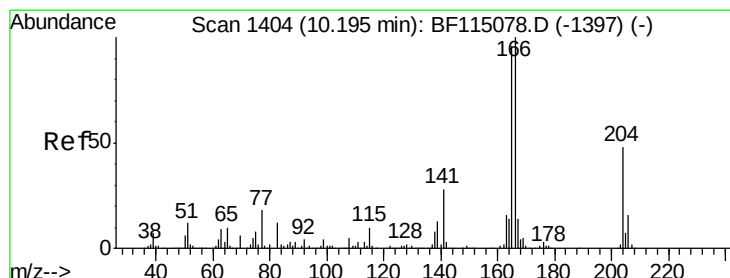
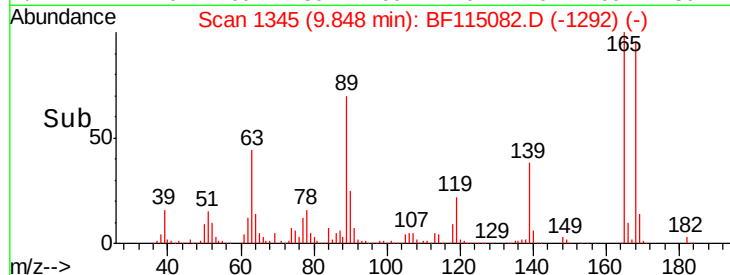
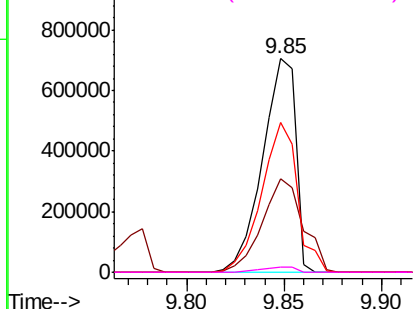
#57
2,4-Dinitrotoluene
Concen: 96.036 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 830651
Ion Ratio Lower Upper
165 100
63 43.8 27.5 41.3#
89 70.2 49.9 74.9
182 2.7 2.1 3.1

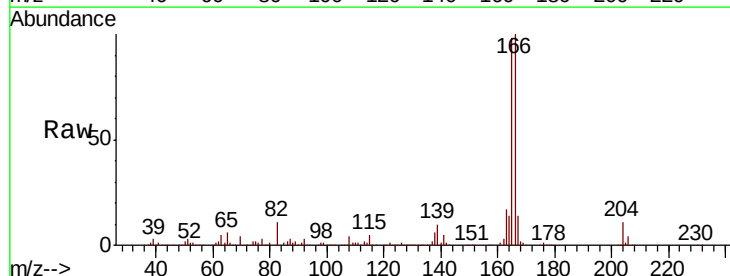


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

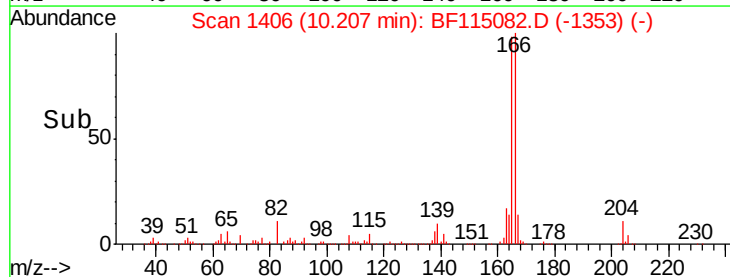
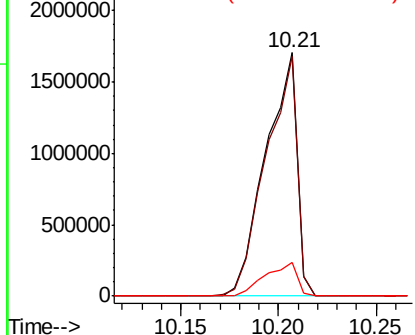


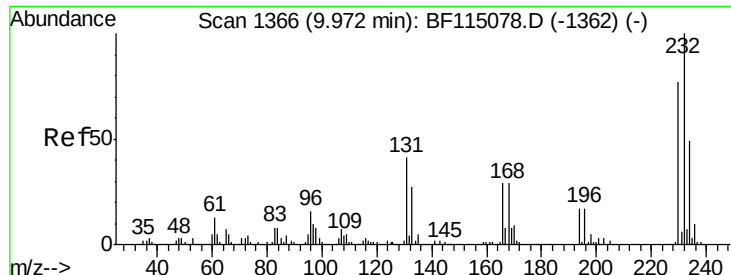
#58
Fluorene
Concen: 75.948 ng
RT: 10.21 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:166 Resp: 1900992
Ion Ratio Lower Upper
166 100
165 98.3 76.5 114.7
167 13.8 11.0 16.4



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

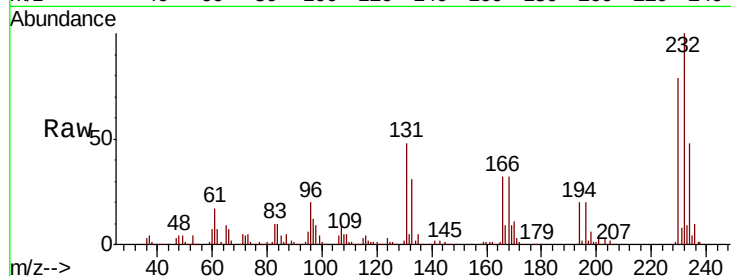




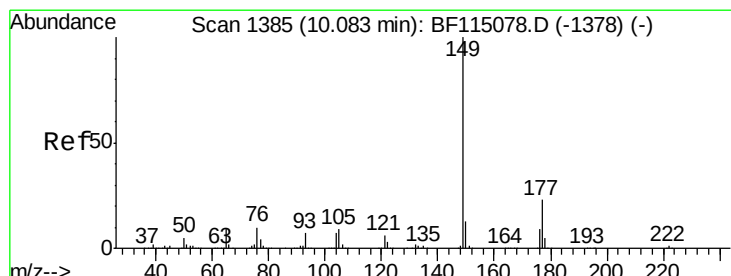
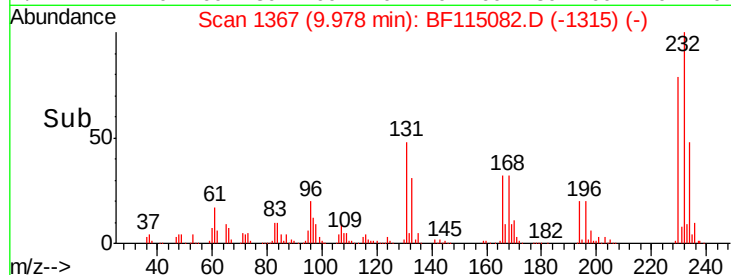
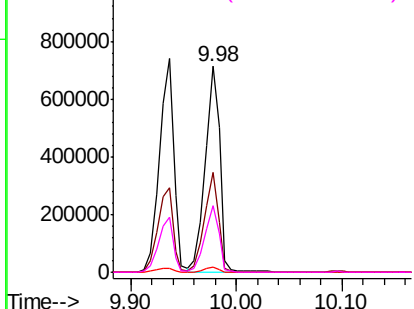
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 95.359 ng
 RT: 9.98 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	684264
Ion Ratio	Lower	Upper
232	100	
131	46.4	37.4 56.0
130	2.2	1.8 2.6
166	31.1	24.6 36.8

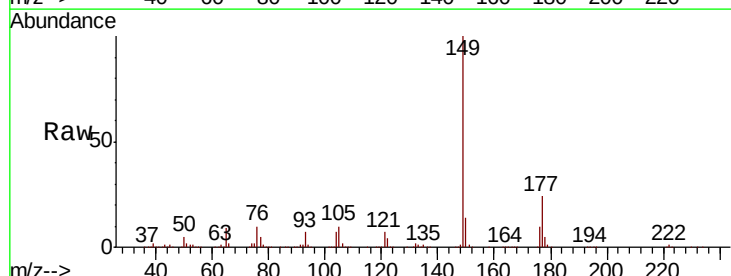


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

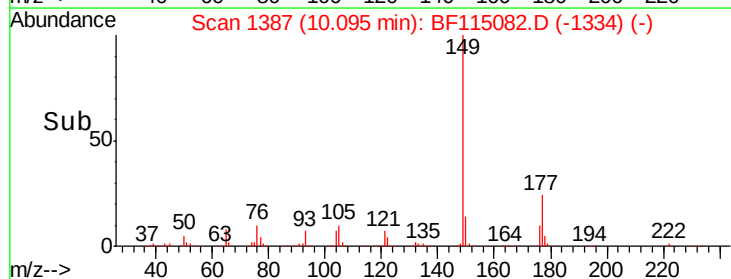
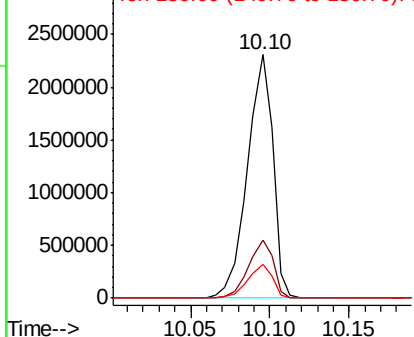


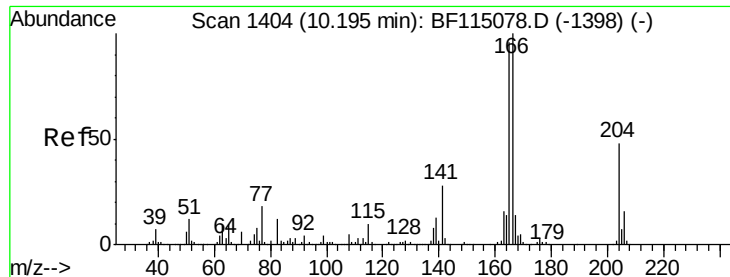
#60
 Diethylphthalate
 Concen: 89.831 ng
 RT: 10.10 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion:149	Resp:	2573179
Ion Ratio	Lower	Upper
149	100	
177	24.1	18.7 28.1
150	13.7	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

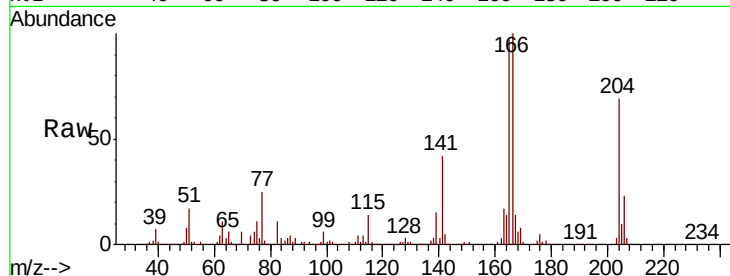




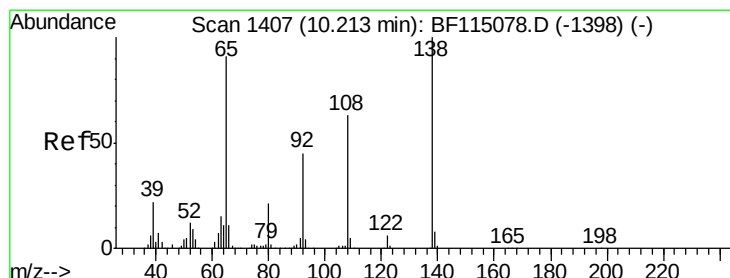
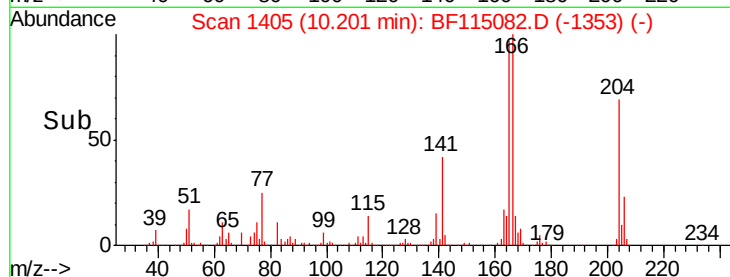
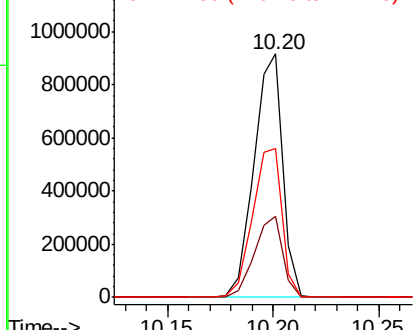
#61
4-Chlorophenyl-phenylether
Concen: 69.919 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 863857
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 61.3 46.7 70.1

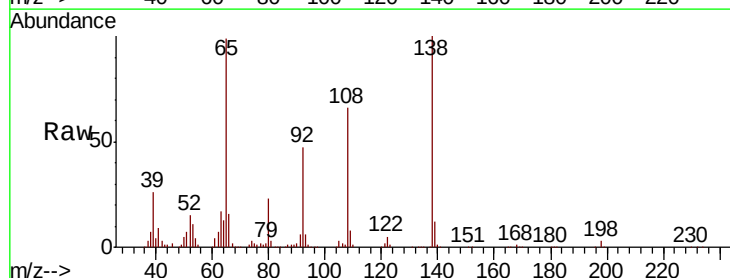


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

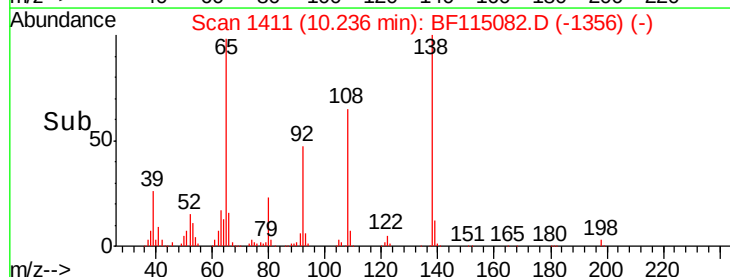
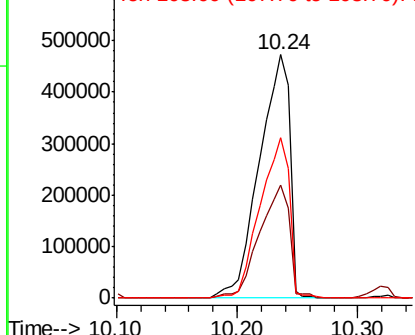


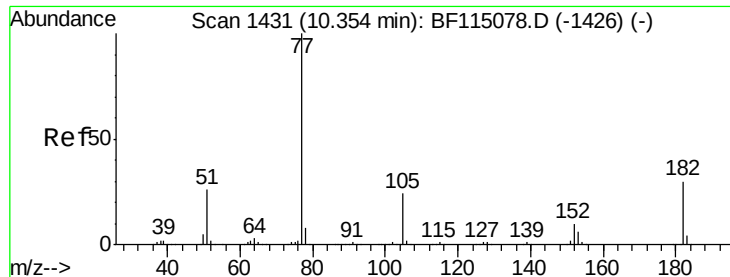
#62
4-Nitroaniline
Concen: 98.248 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:138 Resp: 822464
Ion Ratio Lower Upper
138 100
92 46.6 24.8 64.8
108 65.7 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: 92.957 ng

RT: 10.36 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

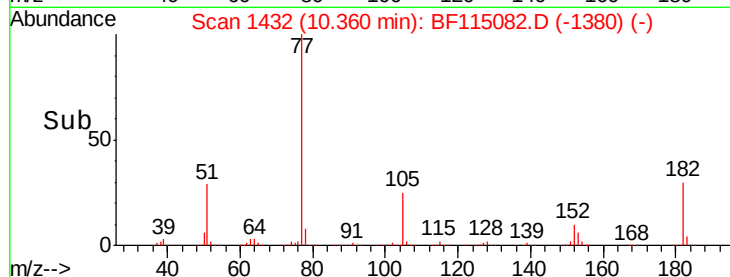
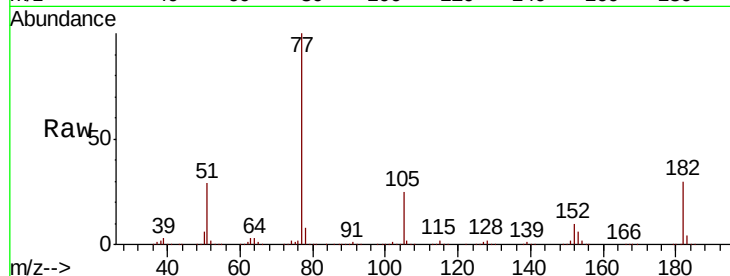
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2329481

Ion	Ratio	Lower	Upper
77	100		
182	30.2	10.1	50.1
105	25.2	4.5	44.5
51	28.8	6.4	46.4

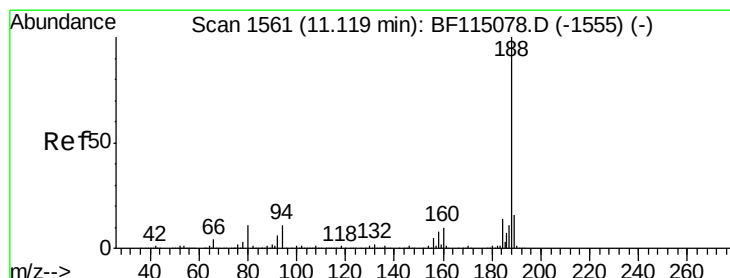


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1562

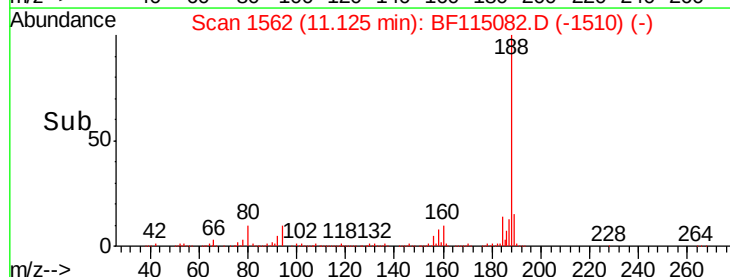
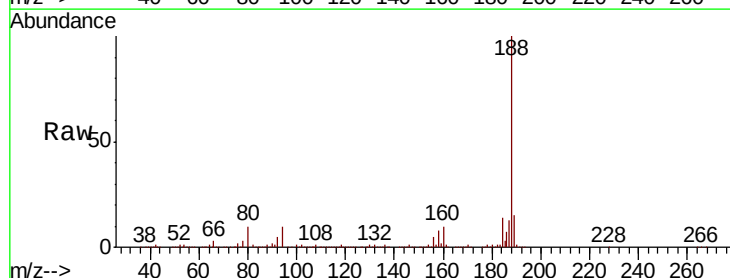
Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion: 188 Resp: 790612

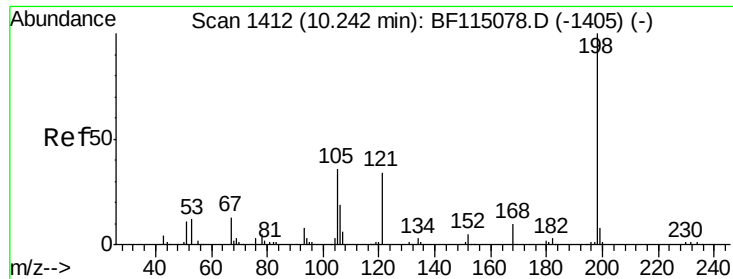
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	12.8
80	10.3	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

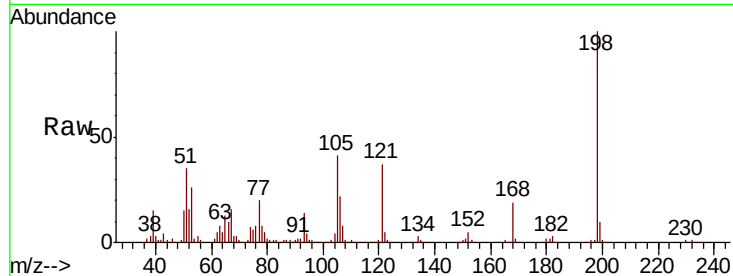
Ion 80.00 (79.70 to 80.70): BF1



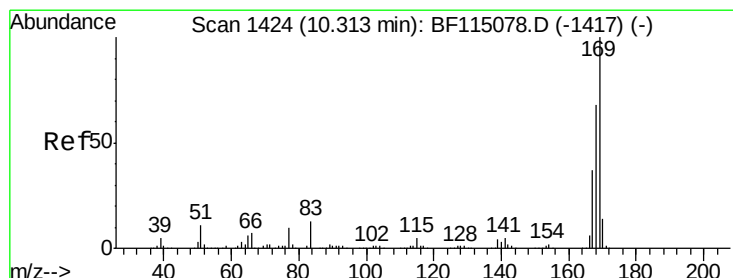
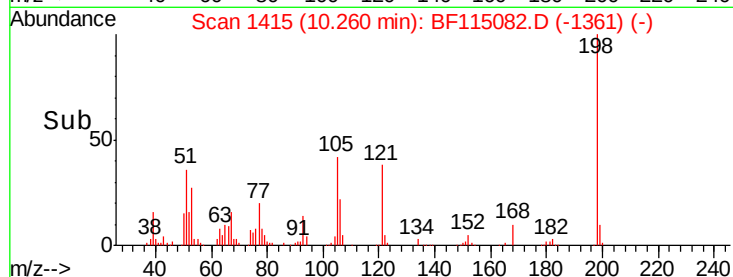
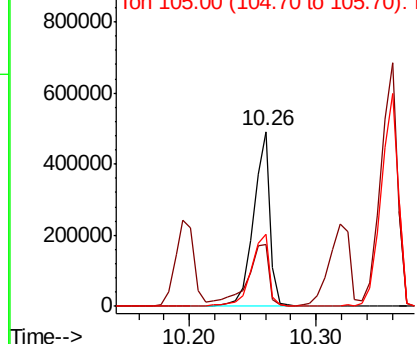
#65
4,6-Dinitro-2-methylphenol
Concen: 100.091 ng
RT: 10.26 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 443528
Ion Ratio Lower Upper
198 100
51 35.5 11.0 51.0
105 41.2 17.3 57.3

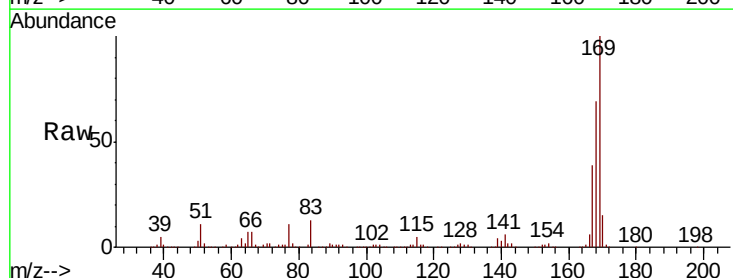


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

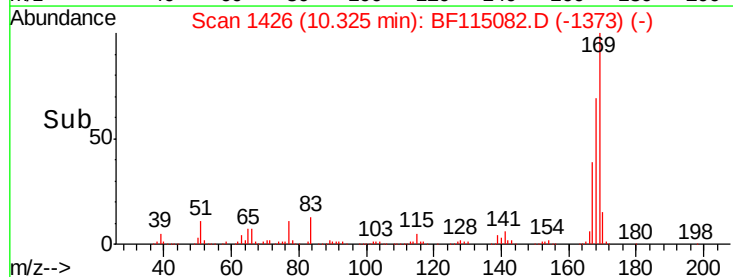
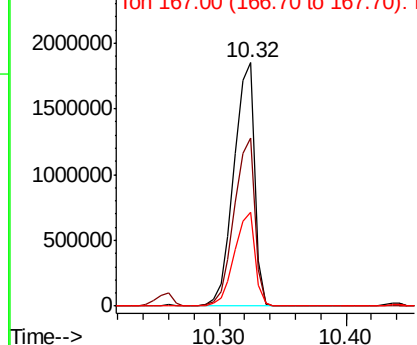


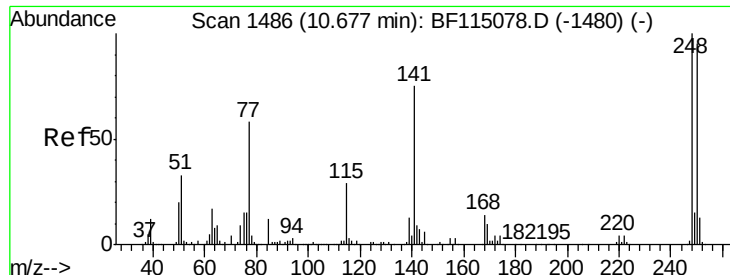
#66
n-Nitrosodiphenylamine
Concen: 87.519 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:169 Resp: 2068321
Ion Ratio Lower Upper
169 100
168 69.2 54.2 81.4
167 38.6 29.4 44.0



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

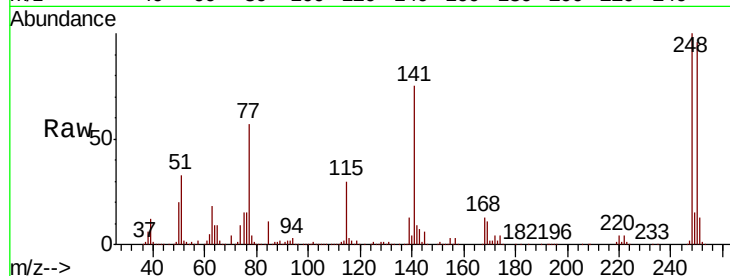




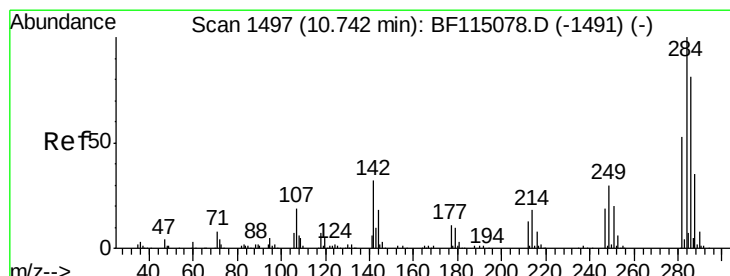
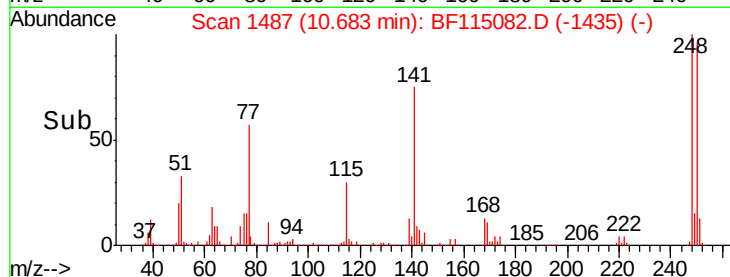
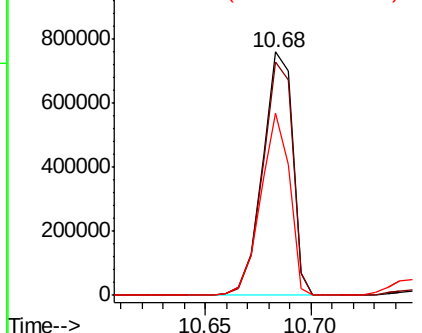
#67
 4-Bromophenyl-phenylether
 Concen: 88.332 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 749835
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.2 114.2
 141 74.9 59.6 89.4

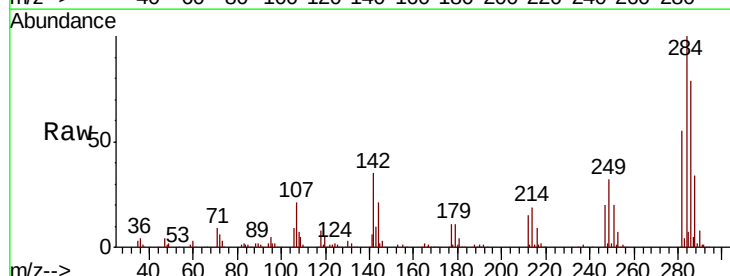


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

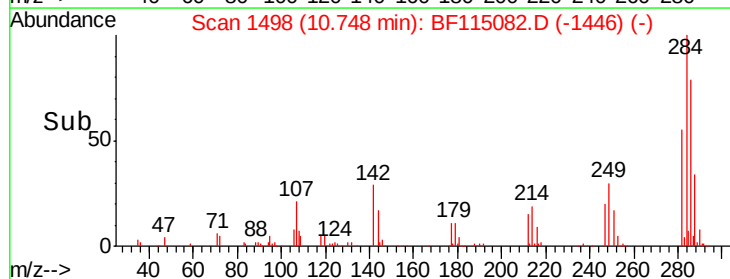
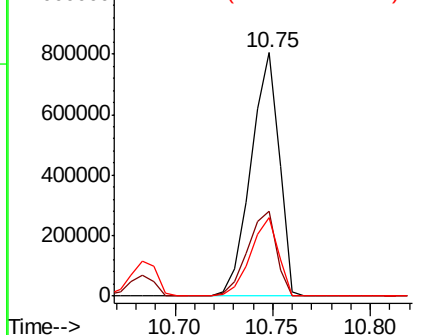


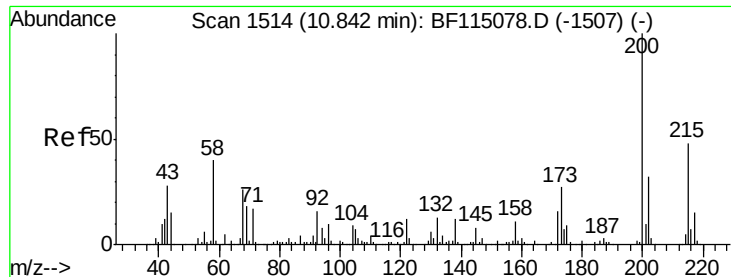
#68
 Hexachlorobenzene
 Concen: 86.192 ng
 RT: 10.75 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion:284 Resp: 805524
 Ion Ratio Lower Upper
 284 100
 142 34.8 25.8 38.8
 249 32.1 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

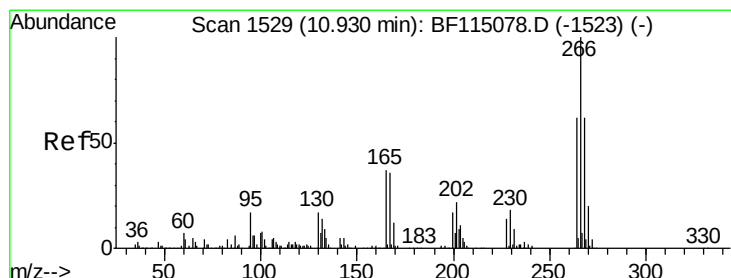
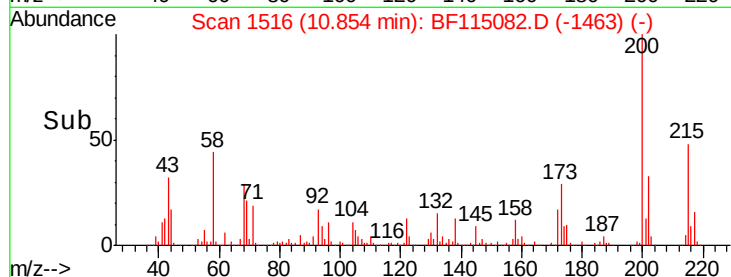
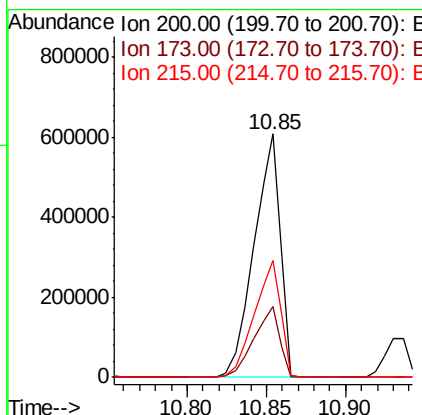
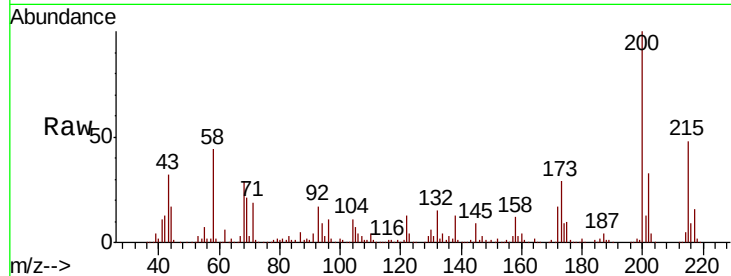




#69
 Atrazine
 Concen: 91.825 ng
 RT: 10.85 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

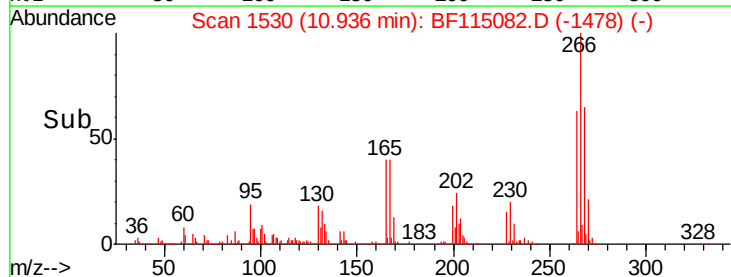
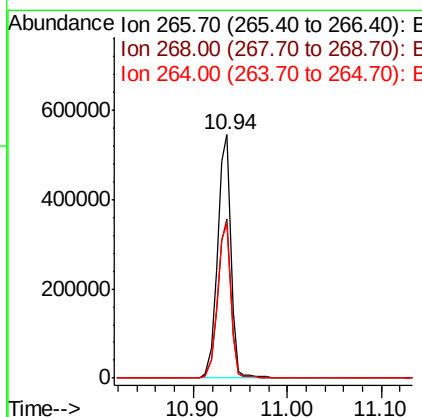
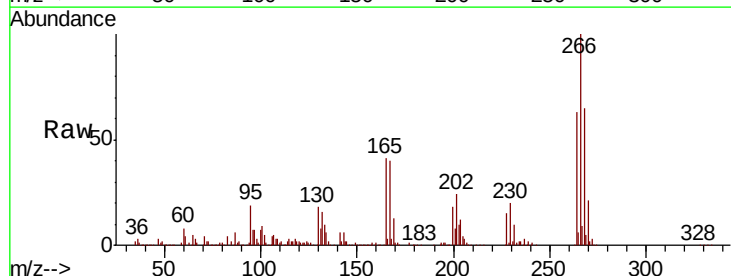
Instrument :
 BNA_F
 ClientSampleId :

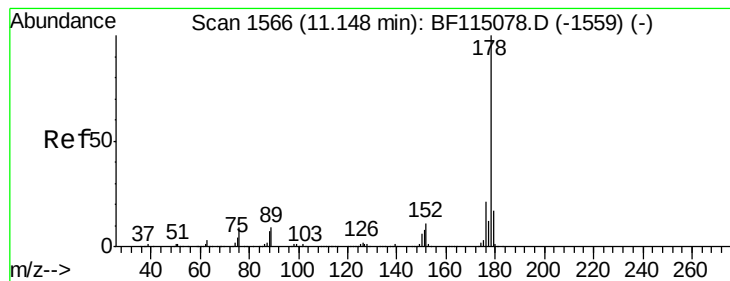
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	7.4	47.4
215	48.0	27.8	67.8



#70
 Pentachlorophenol
 Concen: 108.038 ng
 RT: 10.94 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	49.5	74.3
264	63.2	49.3	73.9





#71

Phenanthrene

Concen: 82.631 ng

RT: 11.15 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

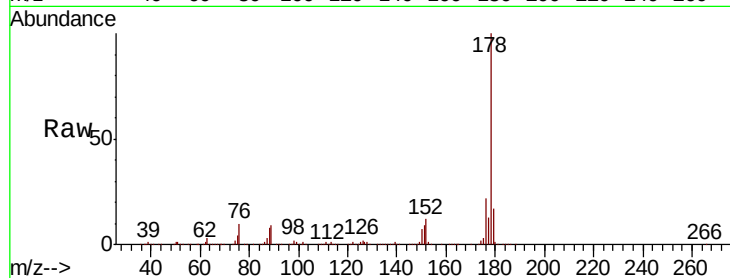
Tot Ion:178 Resp: 3373018

Ion Ratio Lower Upper

178 100

176 22.0 16.9 25.3

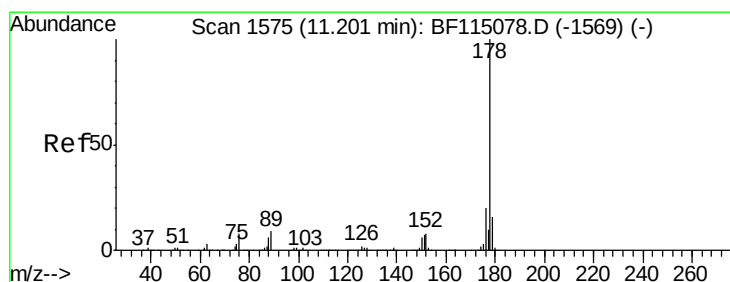
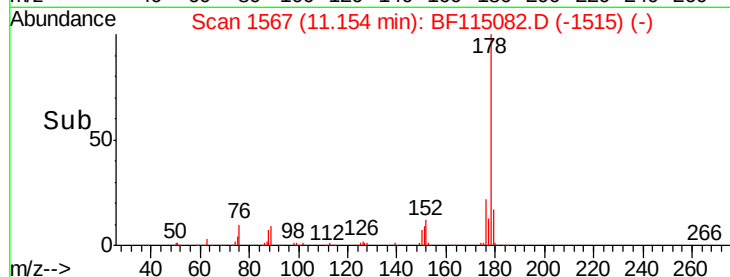
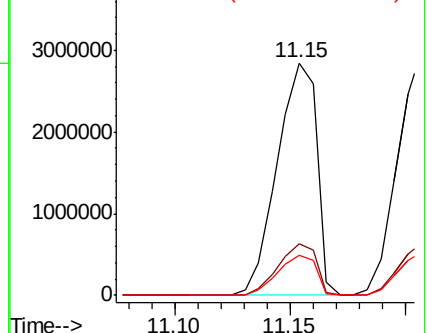
179 17.4 13.2 19.8



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: 81.647 ng

RT: 11.21 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

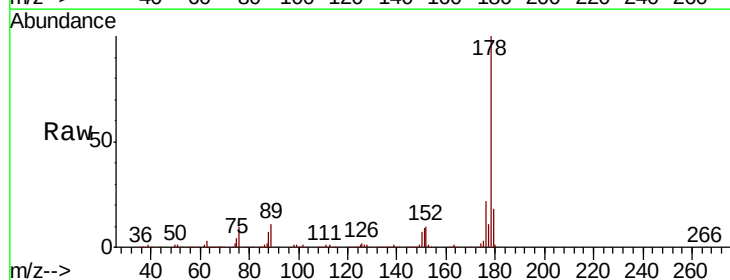
Tgt Ion:178 Resp: 3362308

Ion Ratio Lower Upper

178 100

176 21.7 16.1 24.1

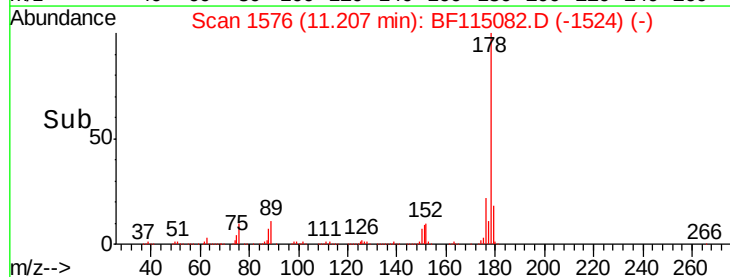
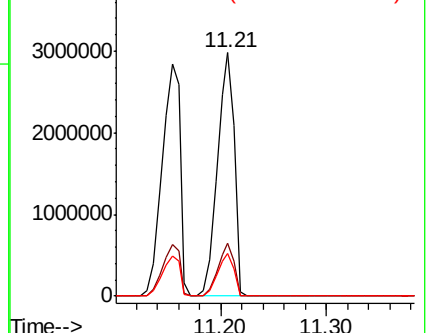
179 17.6 12.9 19.3

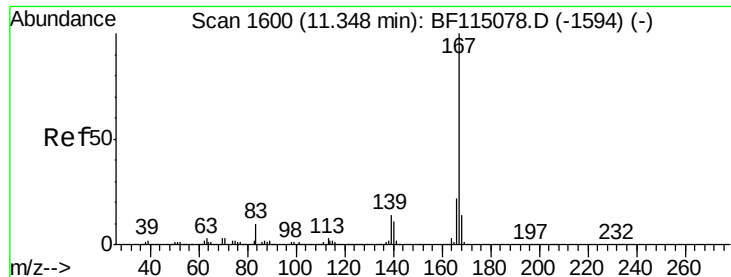


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

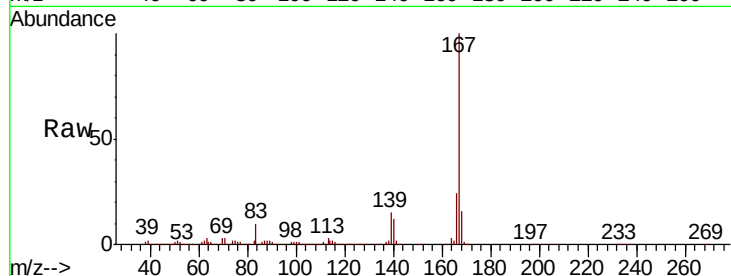




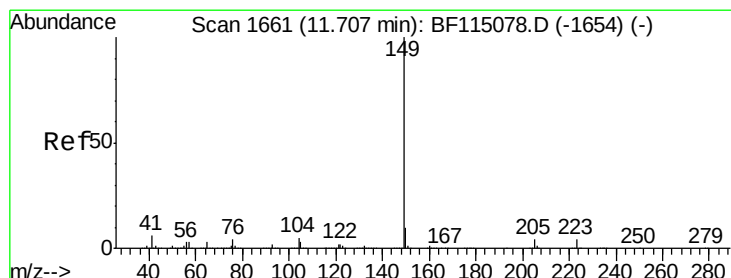
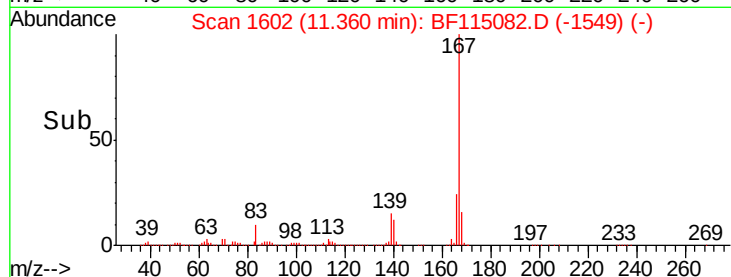
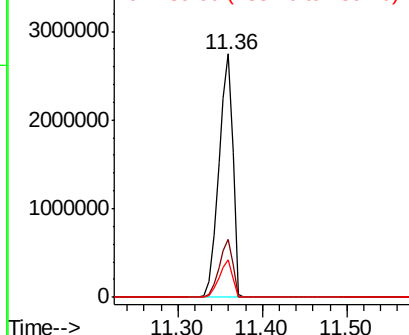
#73
 Carbazole
 Concen: 89.446 ng
 RT: 11.36 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3215061
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.0 27.0
 139 15.5 11.1 16.7

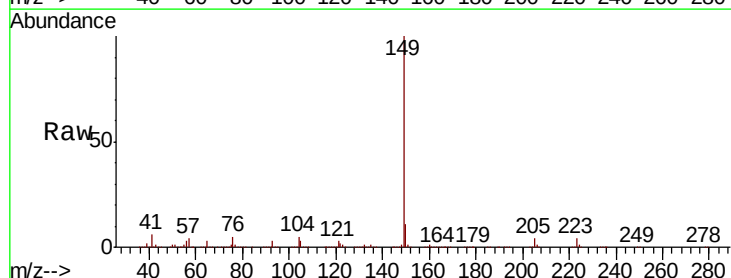


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

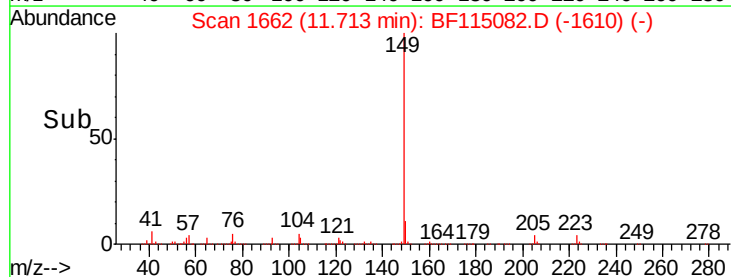
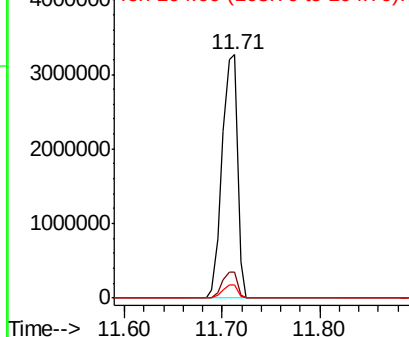


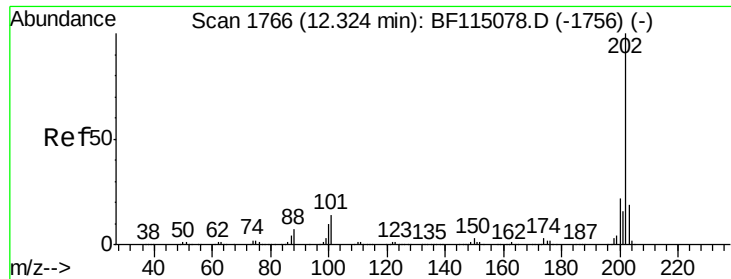
#74
 Di-n-butylphthalate
 Concen: 78.797 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion:149 Resp: 3570652
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.8 11.8
 104 5.3 3.7 5.5



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





#75

Fluoranthene

Concen: 82.507 ng

RT: 12.34 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

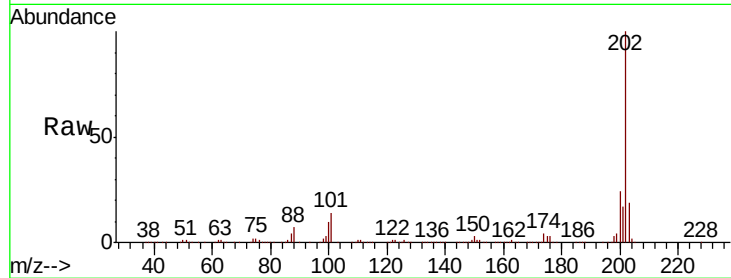
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 3443900

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.0
203	19.4	0.0	38.8

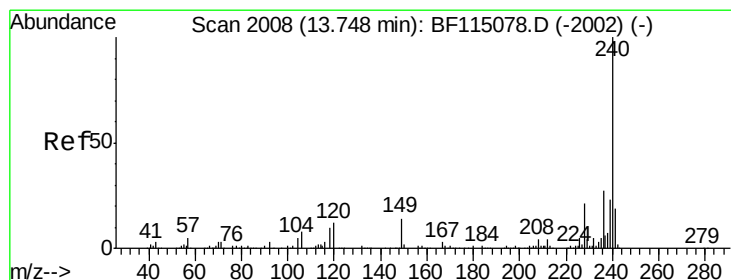
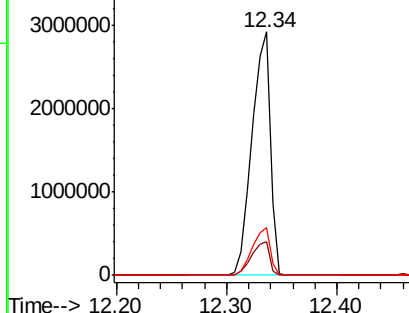
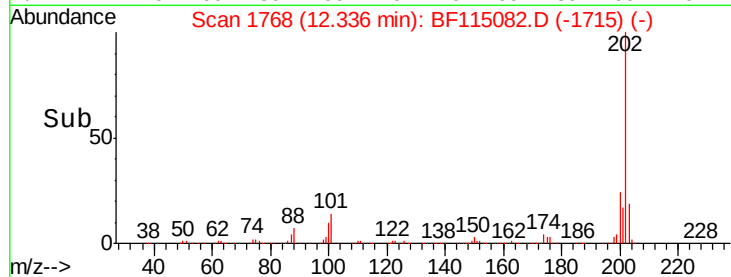


Abundance

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: 13.75 min Scan# 2009

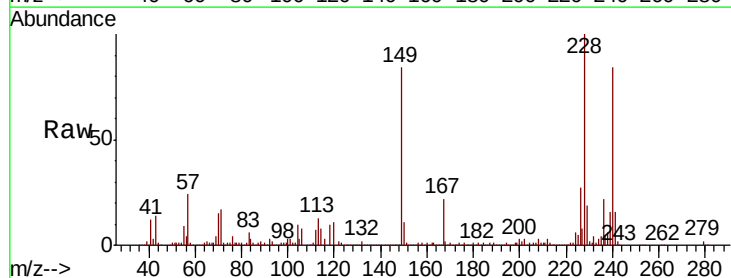
Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion:240 Resp: 501120

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.4	14.2
236	26.5	21.7	32.5

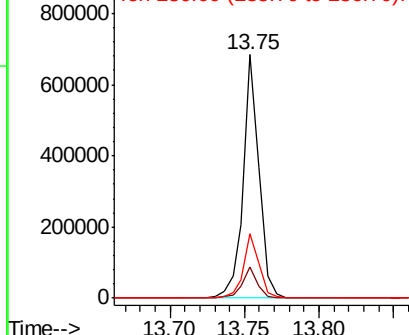
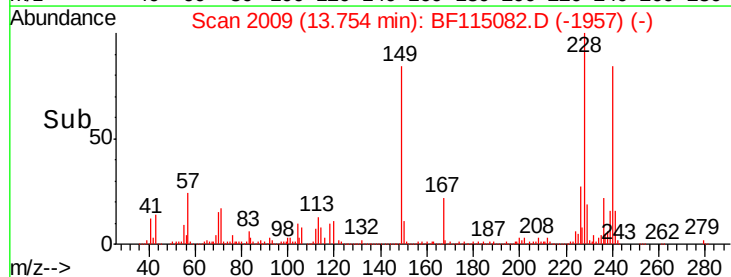


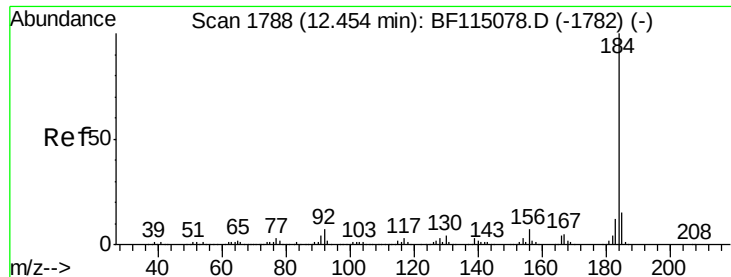
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 91.171 ng

RT: 12.46 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampled :

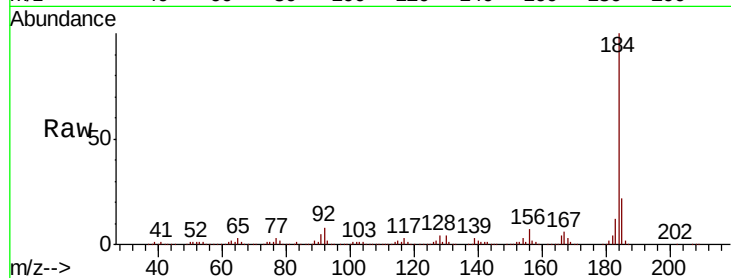
Tot Ion:184 Resp: 1847952

Ion Ratio Lower Upper

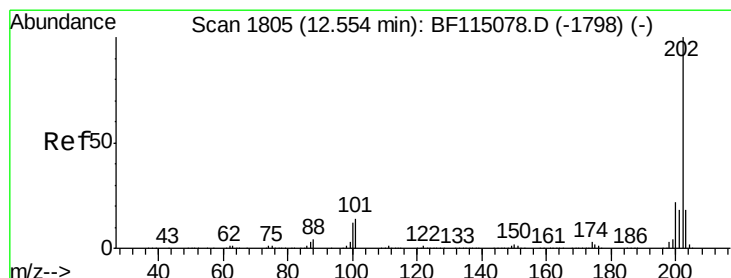
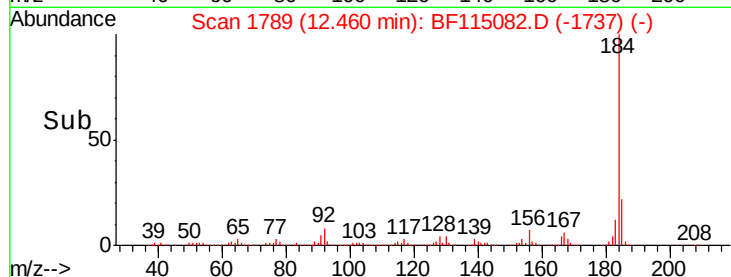
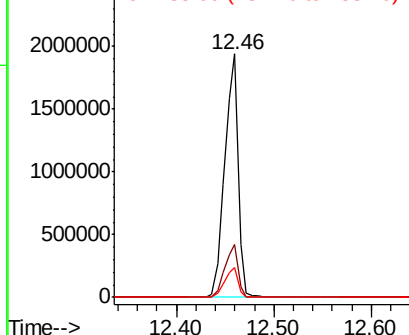
184 100

185 21.6 12.2 18.2#

183 12.5 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: 79.438 ng

RT: 12.56 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

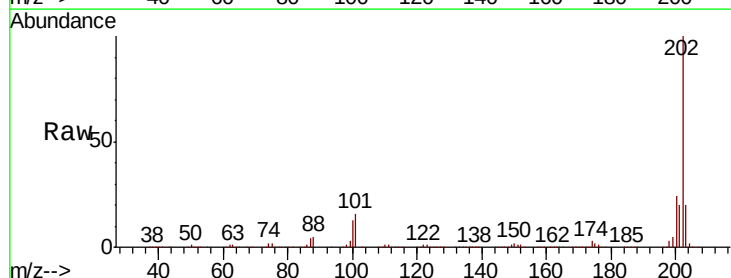
Tgt Ion:202 Resp: 3626417

Ion Ratio Lower Upper

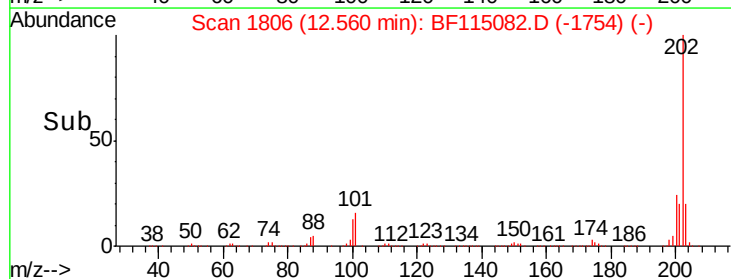
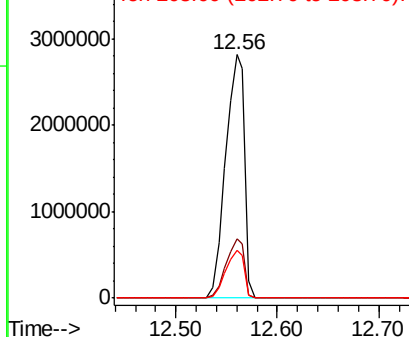
202 100

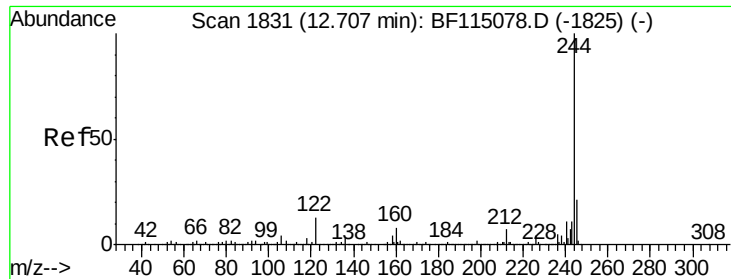
200 24.2 17.9 26.9

203 19.7 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: 155.681 ng

RT: 12.72 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

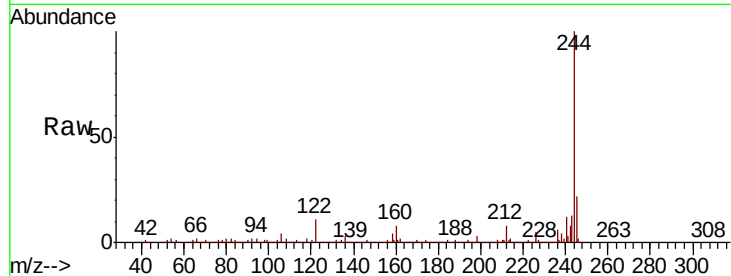
Tot Ion:244 Resp: 4147821

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

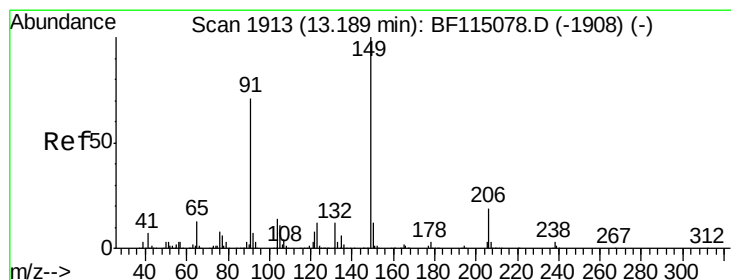
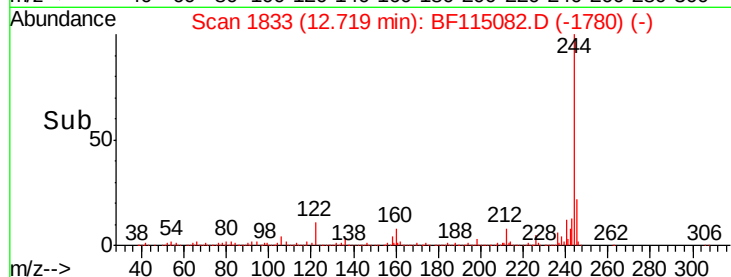
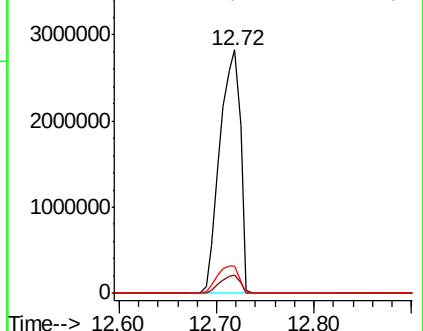
122 11.3 10.4 15.6



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: 81.628 ng

RT: 13.20 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

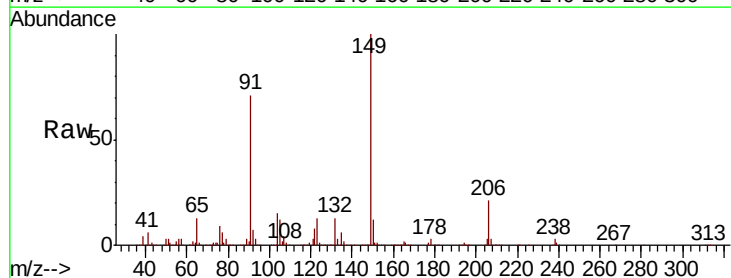
Tgt Ion:149 Resp: 1740526

Ion Ratio Lower Upper

149 100

91 70.9 56.5 84.7

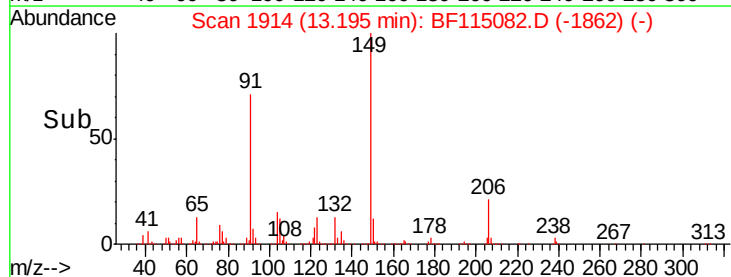
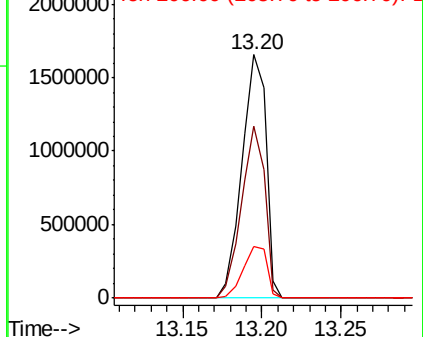
206 21.1 15.3 22.9

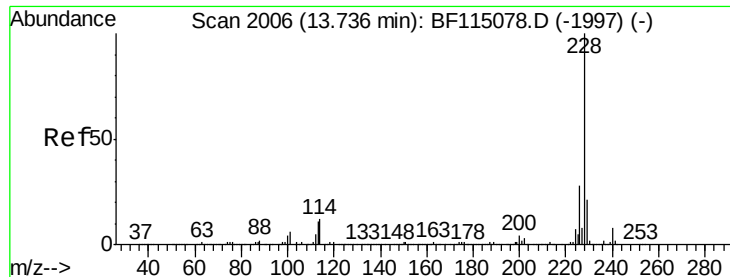


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 92.373 ng

RT: 13.74 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

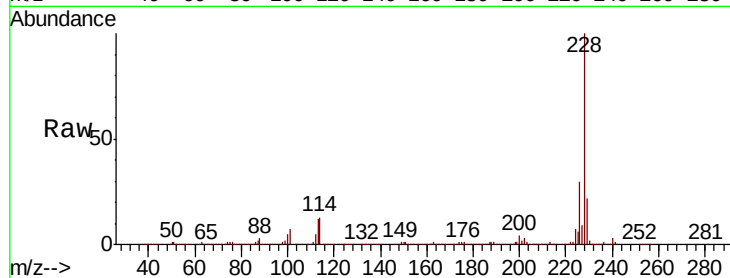
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3463973

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.5	33.7
229	22.1	16.6	24.8

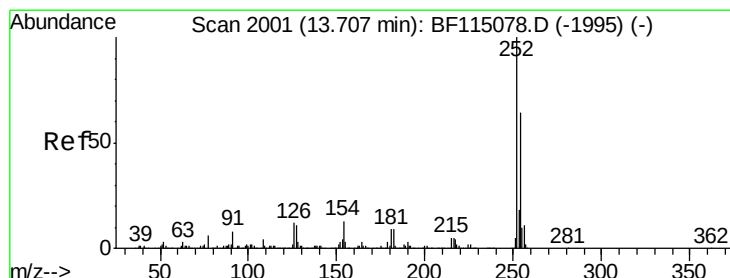
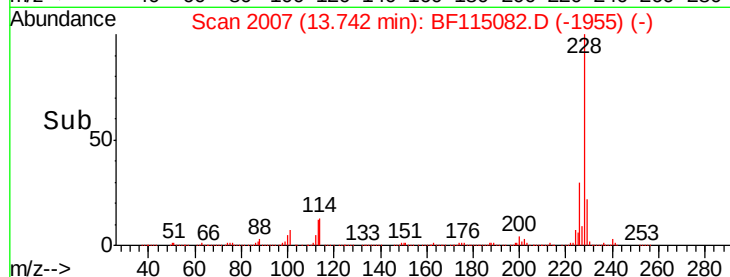
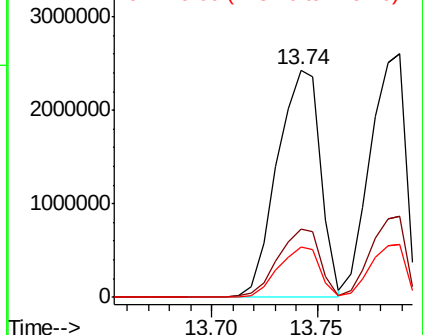


Abundance

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: 84.386 ng

RT: 13.72 min Scan# 2003

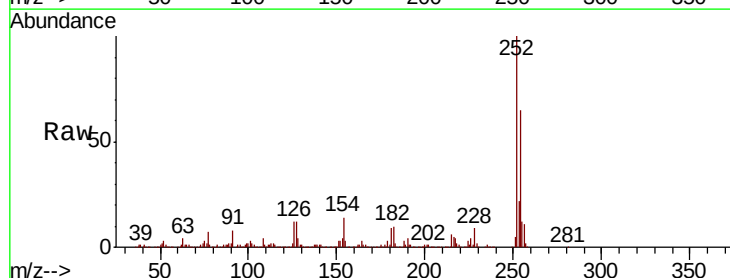
Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion:252 Resp: 1213213

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.1	76.7
126	11.9	9.4	14.0

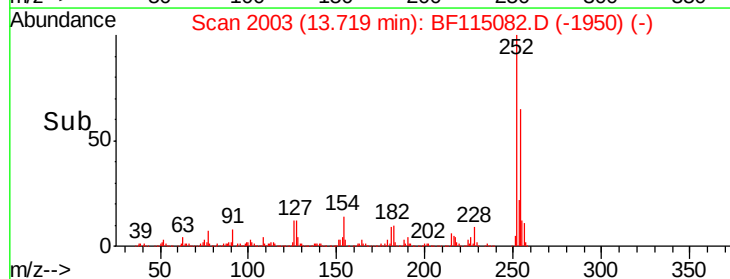
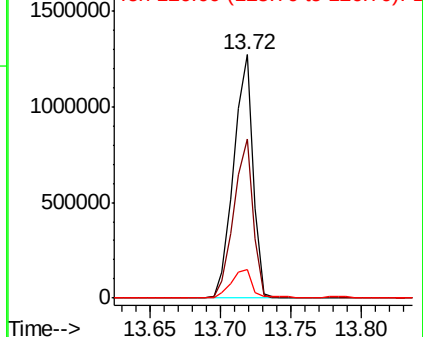


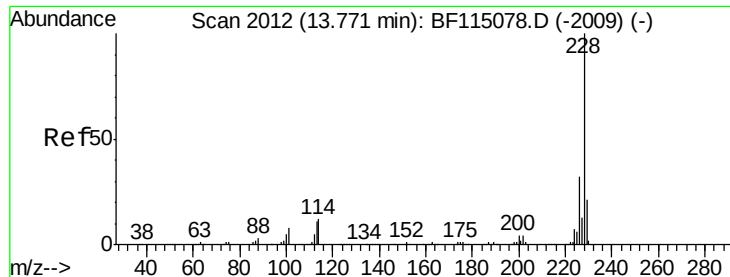
Abundance

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: 82.015 ng

RT: 13.79 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

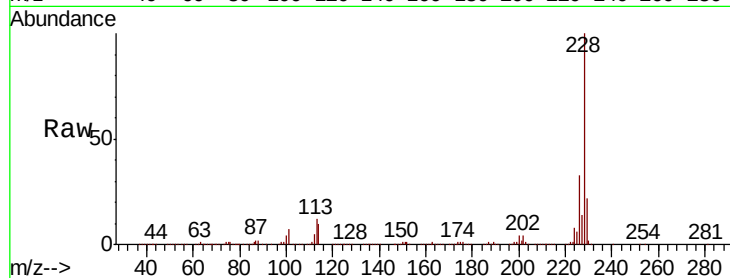
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3058350

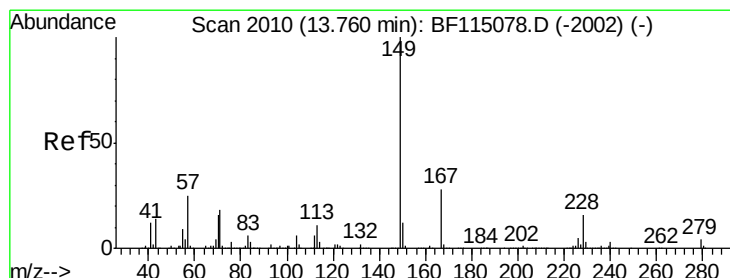
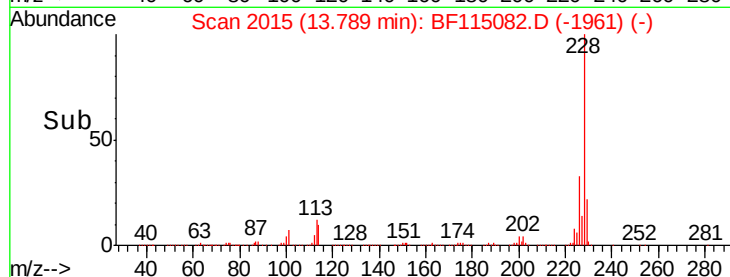
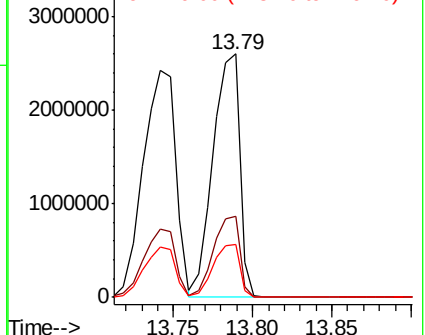
Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.4	38.0
229	21.5	16.5	24.7



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: 84.466 ng

RT: 13.77 min Scan# 2011

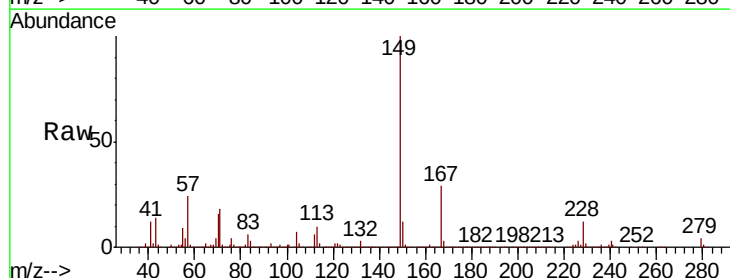
Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion:149 Resp: 2128639

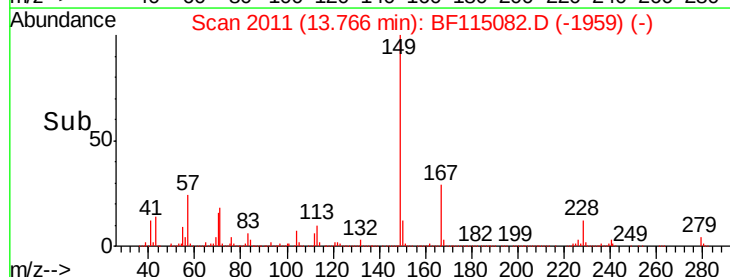
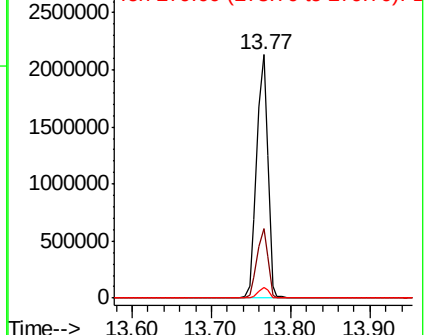
Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.4
279	4.4	2.9	4.3#

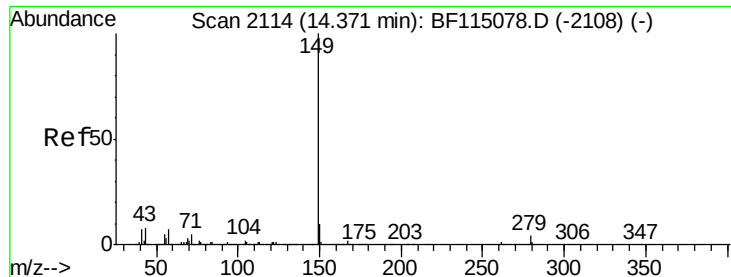


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

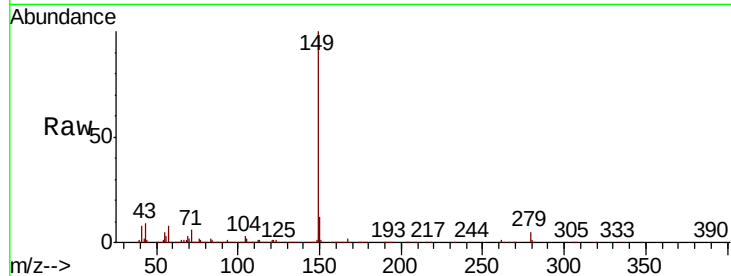




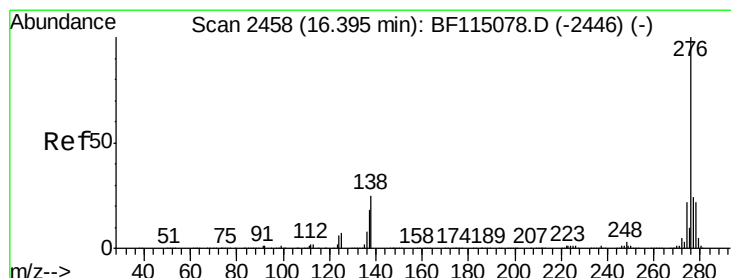
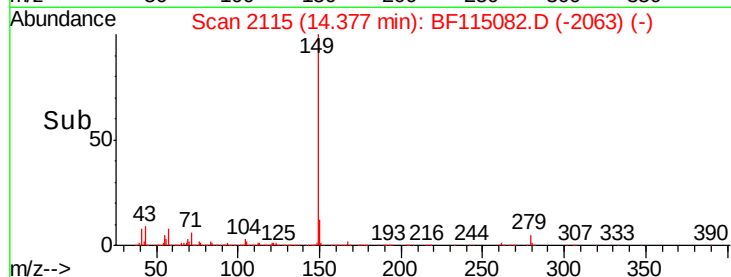
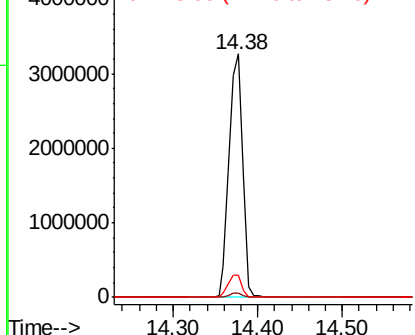
#85
Di-n-octyl phthalate
Concen: 82.997 ng
RT: 14.38 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3601838
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.2 7.0 10.6

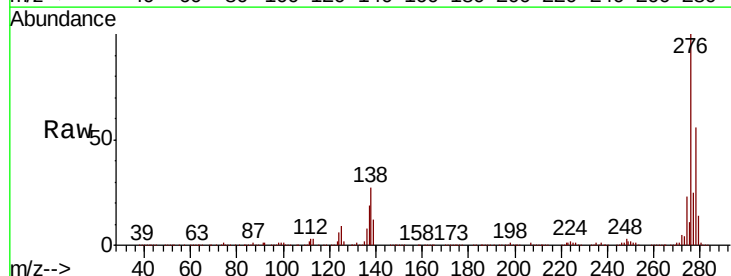


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

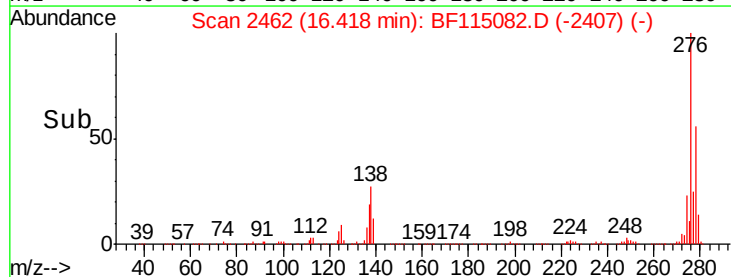
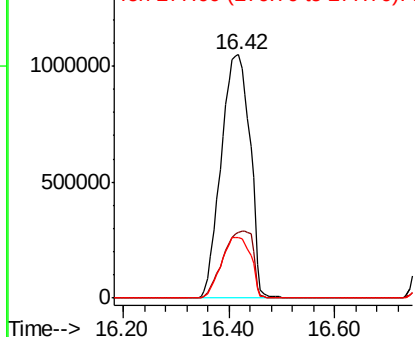


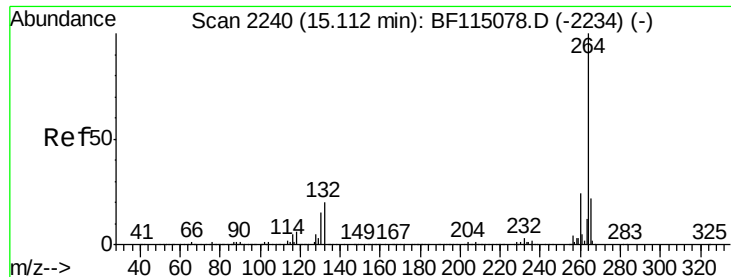
#86
Indeno(1,2,3-cd)pyrene
Concen: 121.229 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:276 Resp: 3971013
Ion Ratio Lower Upper
276 100
138 29.0 23.2 34.8
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.12 min Scan# 2241

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

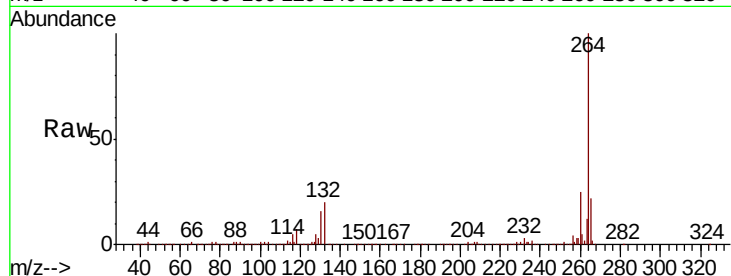
Tot Ion:264 Resp: 688354

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

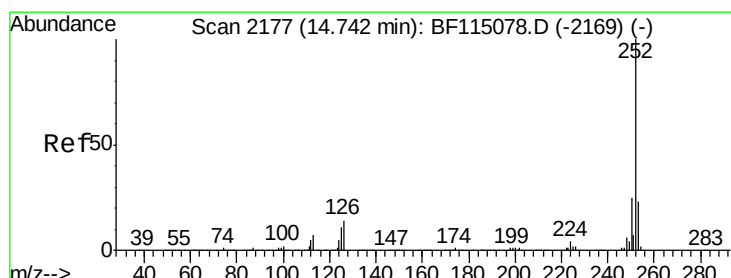
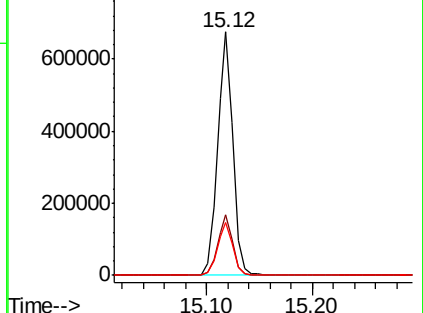
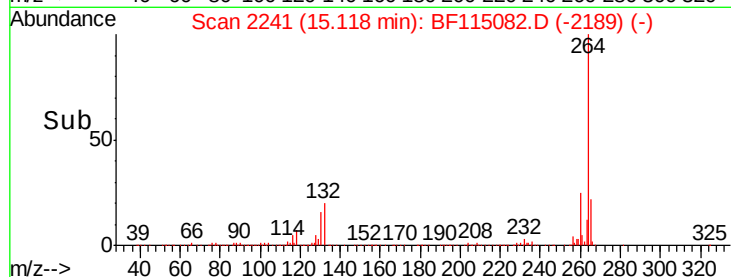
265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 90.616 ng

RT: 14.75 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

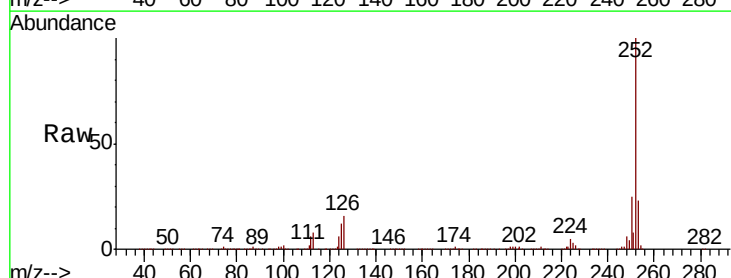
Tgt Ion:252 Resp: 4146545

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

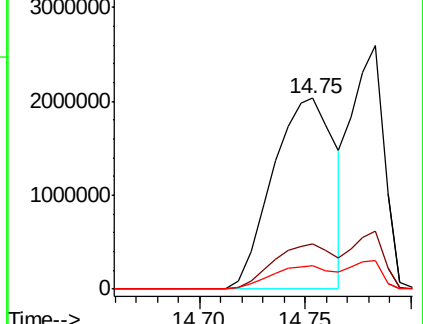
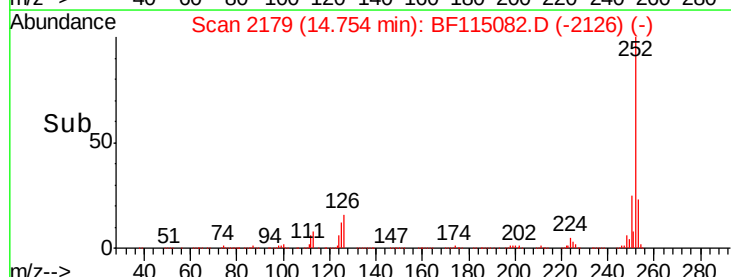
125 12.1 8.7 13.1

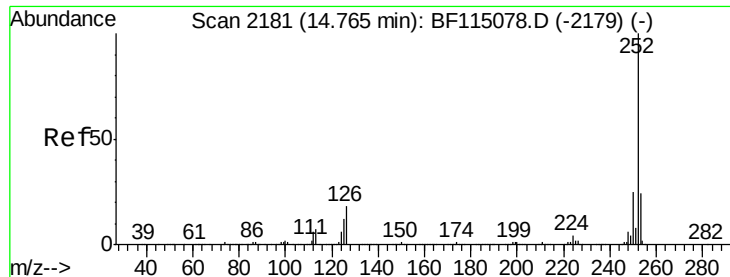


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

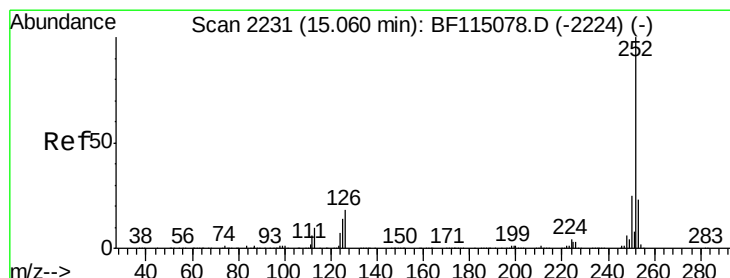
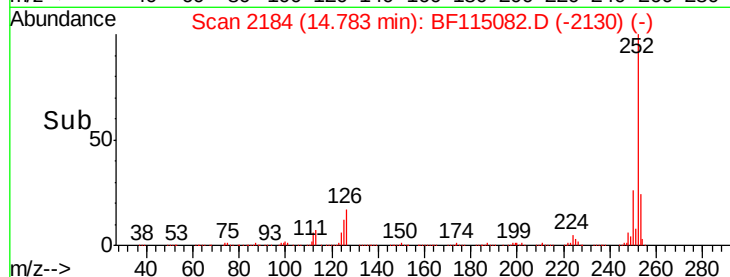
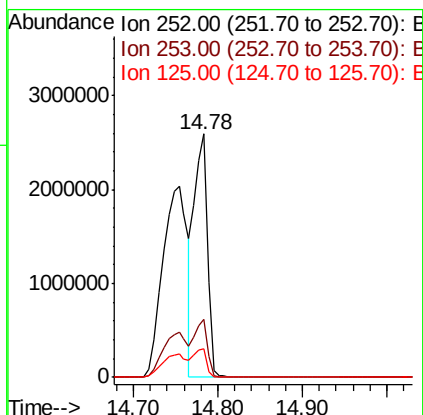
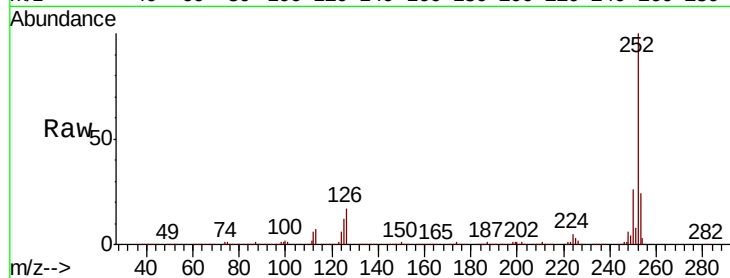




#89
Benzo(k)fluoranthene
Concen: 69.562 ng
RT: 14.78 min Scan# 2184
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

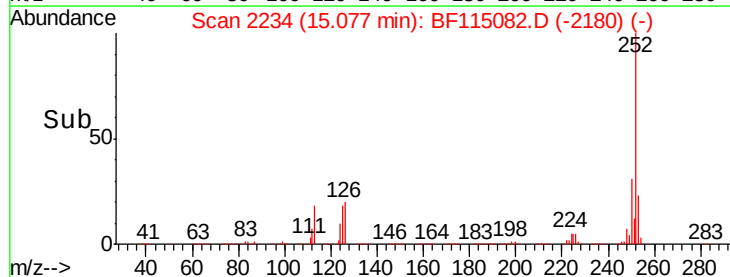
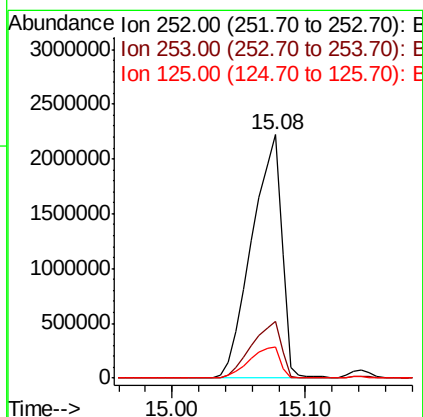
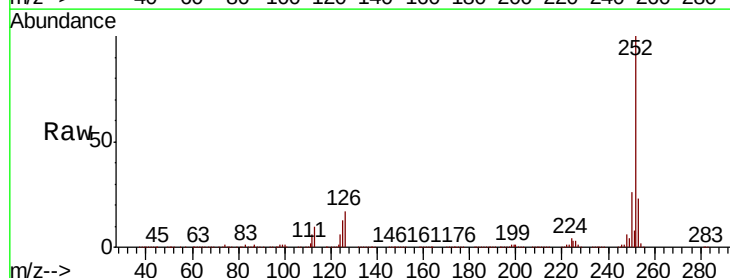
Instrument :
BNA_F
ClientSampleId :

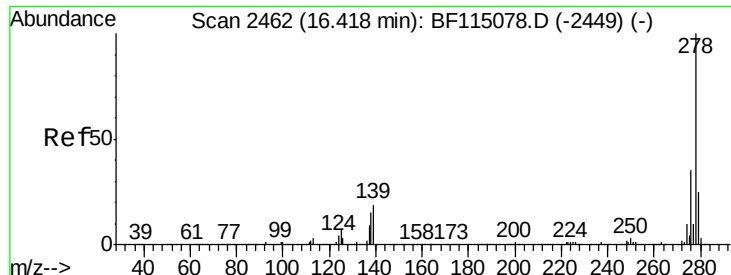
Tot Ion:252 Resp: 2793954
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 11.7 10.2 15.2



#90
Benzo(a)pyrene
Concen: 87.319 ng
RT: 15.08 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:252 Resp: 3447821
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 12.8 10.9 16.3

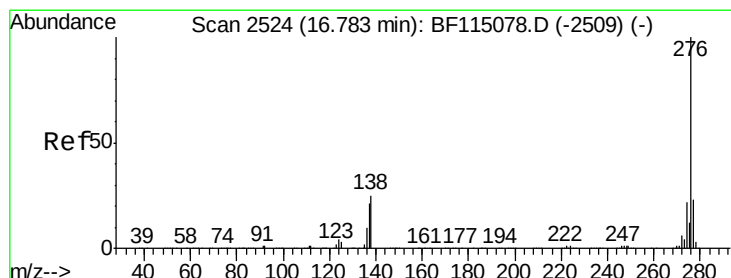
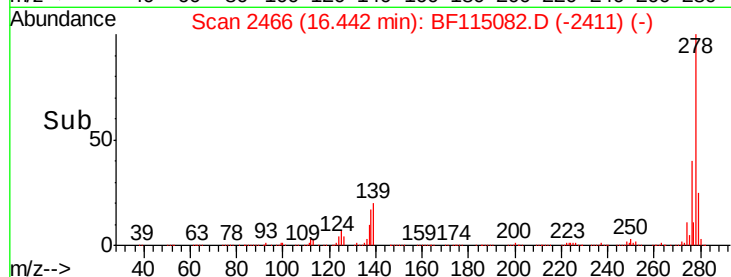
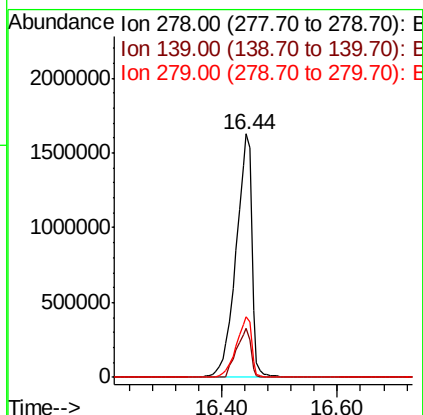
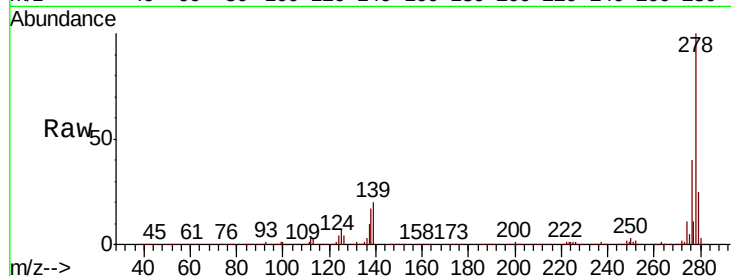




#91
Dibenzo(a,h)anthracene
Concen: 90.671 ng
RT: 16.44 min Scan# 2466
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 3083228
Ion Ratio Lower Upper
278 100
139 19.9 15.4 23.2
279 24.7 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 91.842 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:276 Resp: 3185036
Ion Ratio Lower Upper
276 100
277 24.6 18.6 28.0
138 26.5 19.8 29.6

