

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115130.D
 Acq On : 22 Jun 2019 19:30
 Operator : HP/JU
 Sample : K3470-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Quant Time: Jun 24 04:37:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	282628	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1071493	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	524742	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1009677	20.00	ng	0.00
76) Chrysene-d12	13.73	240	582990	20.00	ng	-0.02
87) Perylene-d12	15.09	264	634087	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1537917	83.97	ng	0.01
7) Phenol-d6	6.25	99	1963931	88.35	ng	0.00
23) Nitrobenzene-d5	7.18	82	1179815	67.73	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	516036	93.26	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2061142	66.72	ng	-0.01
79) Terphenyl-d14	12.69	244	2038367	74.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	197078	22.800	ng	99
3) Pyridine	2.91	79	513722	21.087	ng	99
4) n-Nitrosodimethylamine	2.84	42	234999	24.606	ng	99
6) Aniline	6.27	93	311439	10.194	ng	# 76
8) 2-Chlorophenol	6.40	128	561832	27.281	ng	98
9) Benzaldehyde	6.15	77	375434	25.887	ng	99
10) Phenol	6.27	94	665935	25.574	ng	92
11) bis(2-Chloroethyl)ether	6.35	93	514084	26.783	ng	98
12) 1,3-Dichlorobenzene	6.55	146	598085	26.168	ng	99
13) 1,4-Dichlorobenzene	6.63	146	610383	26.632	ng	100
14) 1,2-Dichlorobenzene	6.78	146	569148	26.816	ng	99
15) Benzyl Alcohol	6.75	79	450896	27.855	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	720283	25.873	ng	100
17) 2-Methylphenol	6.87	107	453574	26.683	ng	98
18) Hexachloroethane	7.13	117	213302	25.815	ng	95
19) n-Nitroso-di-n-propylamine	7.04	70	367208	25.802	ng	99
20) 3+4-Methylphenols	7.02	107	548233	27.931	ng	88
22) Acetophenone	7.02	105	740389	30.183	ng	# 99
24) Nitrobenzene	7.19	77	565111	29.449	ng	97
25) Isophorone	7.44	82	1008292	28.258	ng	99
26) 2-Nitrophenol	7.51	139	295679	31.201	ng	96
27) 2,4-Dimethylphenol	7.55	122	510884	32.926	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	645113	28.605	ng	99
29) 2,4-Dichlorophenol	7.75	162	463806	28.966	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	517478	29.258	ng	99
31) Naphthalene	7.91	128	1578169	30.005	ng	100
32) Benzoic acid	7.65	122	185323	16.733	ng	93
33) 4-Chloroaniline	7.96	127	158439	6.591	ng	99
34) Hexachlorobutadiene	8.04	225	278547	28.739	ng	98
35) Caprolactam	8.32	113	92511	17.184	ng	95
36) 4-Chloro-3-methylphenol	8.45	107	473833	29.220	ng	97
37) 2-Methylnaphthalene	8.61	142	1077755	30.390	ng	98
38) 1-Methylnaphthalene	8.70	142	1011844	29.874	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	462161	31.167	ng	100

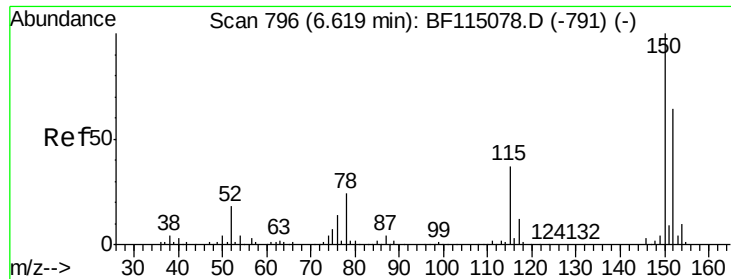
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115130.D
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 Operator : HP/JU
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 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	307306	34.950	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	334067	29.181	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	357158	30.295	ng	96
46) 1,1'-Biphenyl	9.07	154	1262644	30.072	ng	100
47) 2-Chloronaphthalene	9.09	162	1003080	29.452	ng	99
48) 2-Nitroaniline	9.18	65	293303	29.539	ng	99
49) Acenaphthylene	9.50	152	1577402	29.727	ng	100
50) Dimethylphthalate	9.38	163	1647134	42.665	ng	99
51) 2,6-Dinitrotoluene	9.42	165	265250	29.760	ng	98
52) Acenaphthene	9.67	154	989730	29.807	ng	99
53) 3-Nitroaniline	9.58	138	158168	14.542	ng	97
54) 2,4-Dinitrophenol	9.69	184	128088	32.708	ng	91
55) Dibenzofuran	9.84	168	1392780	29.225	ng	100
56) 4-Nitrophenol	9.75	139	464894	53.314	ng	88
57) 2,4-Dinitrotoluene	9.82	165	355467	30.887	ng	98
58) Fluorene	10.18	166	1000676	29.229	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	282846	28.612	ng	100
60) Diethylphthalate	10.07	149	1146741	29.550	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	482781	29.706	ng	100
62) 4-Nitroaniline	10.20	138	269495	24.698	ng	98
63) Azobenzene	10.34	77	1062243	29.305	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	113222	23.857	ng	83
66) n-Nitrosodiphenylamine	10.30	169	958687	30.477	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	329446	30.095	ng	98
68) Hexachlorobenzene	10.73	284	348735	29.349	ng	99
69) Atrazine	10.83	200	300906	29.737	ng	98
70) Pentachlorophenol	10.92	266	358108	47.307	ng	97
71) Phenanthrene	11.14	178	1561161	28.718	ng	99
72) Anthracene	11.18	178	1623923	29.593	ng	99
73) Carbazole	11.34	167	1420740	28.994	ng	100
74) Di-n-butylphthalate	11.69	149	1769821	31.256	ng	99
75) Fluoranthene	12.31	202	1517272	27.973	ng	98
77) Benzidine	12.44	184	544640	21.039	ng	99
78) Pyrene	12.54	202	1506134	33.617	ng	99
80) Butylbenzylphthalate	13.17	149	694048	35.102	ng	98
81) Benzo(a)anthracene	13.72	228	1176043	28.114	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	287080	19.004	ng	99
83) Chrysene	13.75	228	1087463	28.380	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	911340	35.176	ng	99
85) Di-n-octyl phthalate	14.35	149	1412171	32.442	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1130424	24.931	ng	99
88) Benzo(b)fluoranthene	14.72	252	1175295	29.705	ng	99
89) Benzo(k)fluoranthene	14.74	252	1024104	28.863	ng	98
90) Benzo(a)pyrene	15.04	252	1097077	30.764	ng	97
91) Dibenzo(a,h)anthracene	16.38	278	953205	28.632	ng	98
92) Benzo(g,h,i)perylene	16.73	276	885573	26.282	ng	99

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

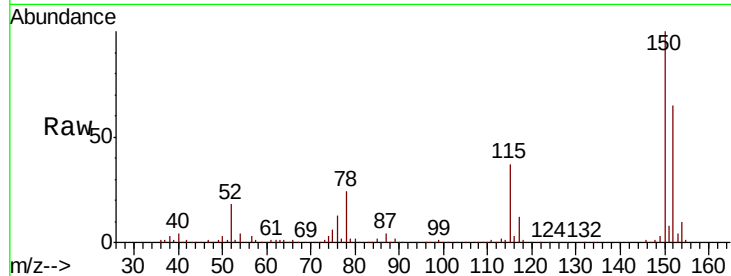


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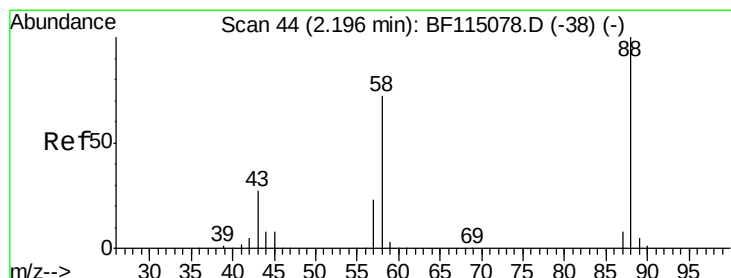
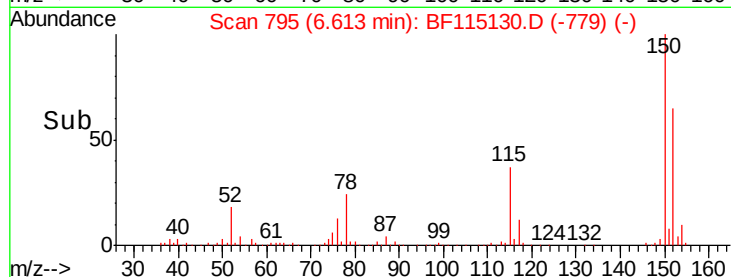
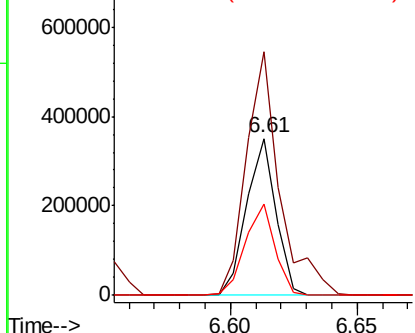
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:152 Resp: 282628
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 57.9 46.1 69.1



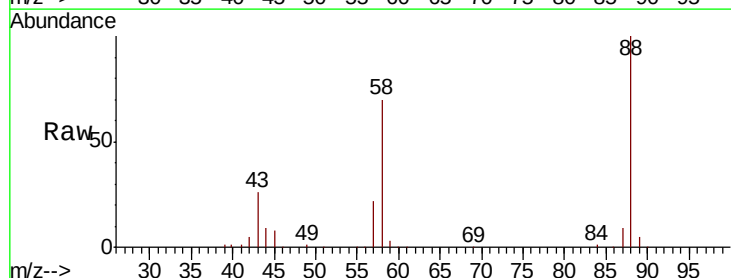
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



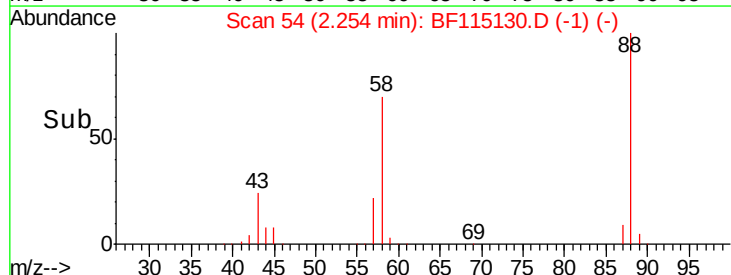
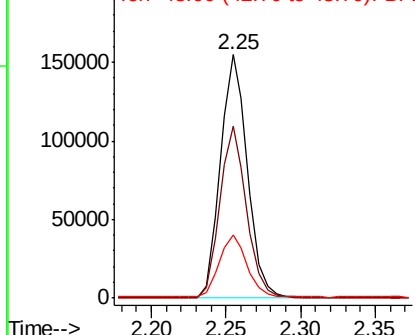
#2

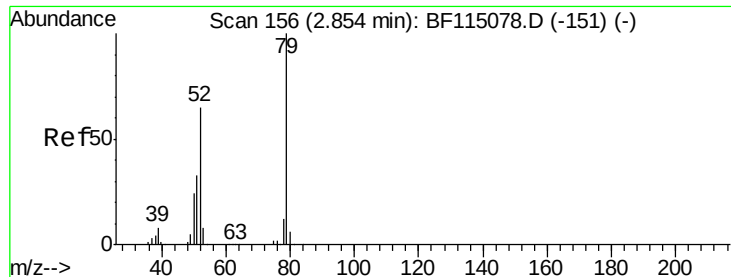
1,4-Dioxane
Concen: 22.800 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.06 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion: 88 Resp: 197078
Ion Ratio Lower Upper
88 100
58 69.4 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

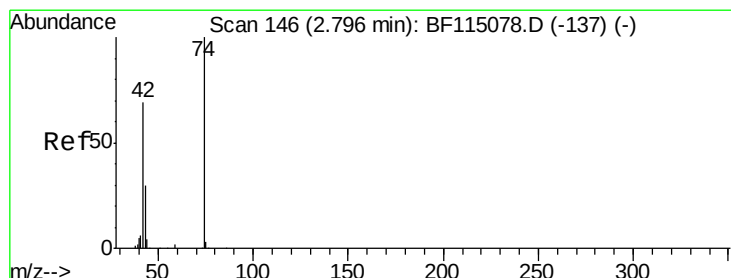
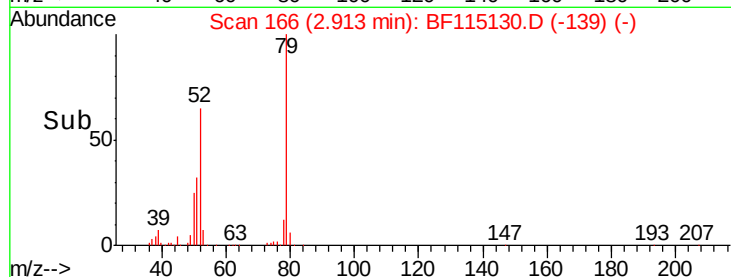
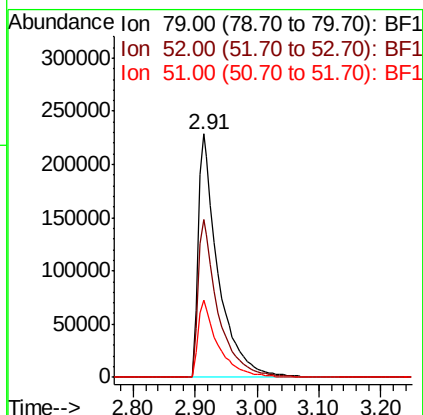
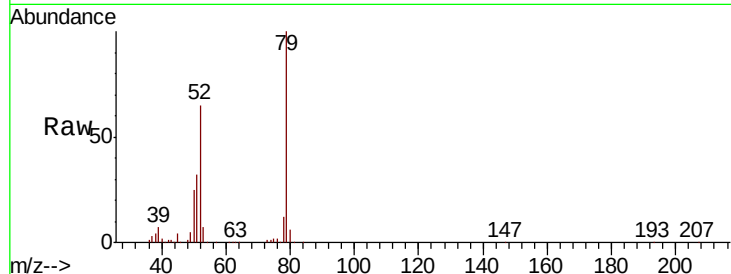




#3
 Pvridine
 Concen: 21.087 ng
 RT: 2.91 min Scan# 166
 Delta R.T. 0.06 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

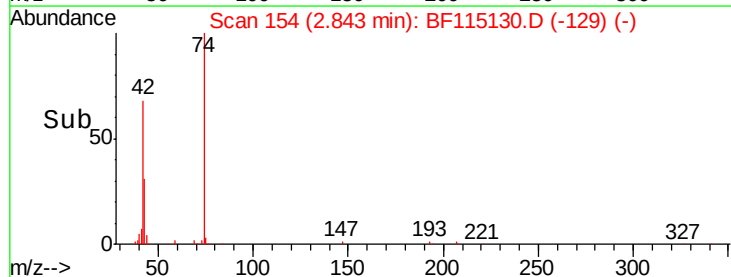
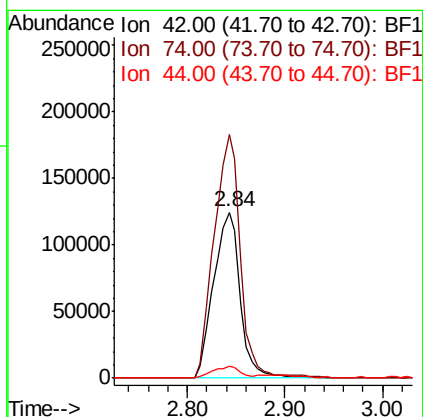
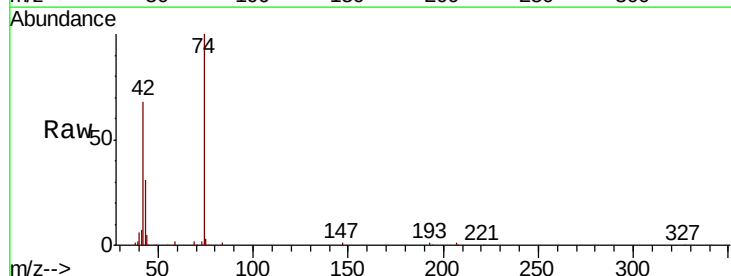
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

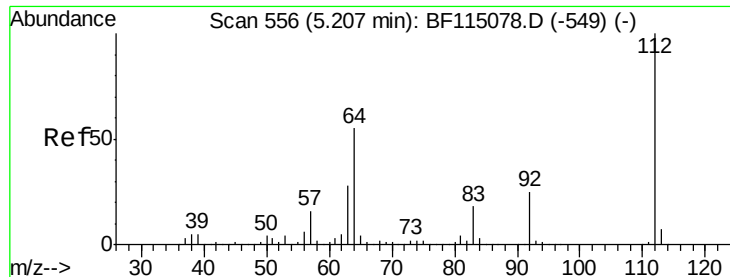
Tot Ion: 79 Resp: 513722
 Ion Ratio Lower Upper
 79 100
 52 64.6 52.3 78.5
 51 31.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 24.606 ng
 RT: 2.84 min Scan# 154
 Delta R.T. 0.05 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Tgt Ion: 42 Resp: 234999
 Ion Ratio Lower Upper
 42 100
 74 146.8 116.6 175.0
 44 7.0 5.3 7.9





#5

2-Fluorophenol

Concen: 83.971 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

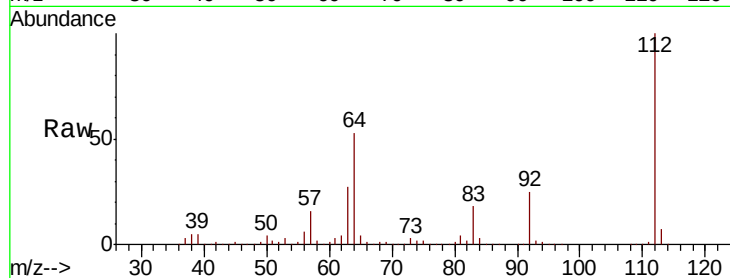
Tot Ion:112 Resp: 1537917

Ion Ratio Lower Upper

112 100

64 53.0 43.8 65.6

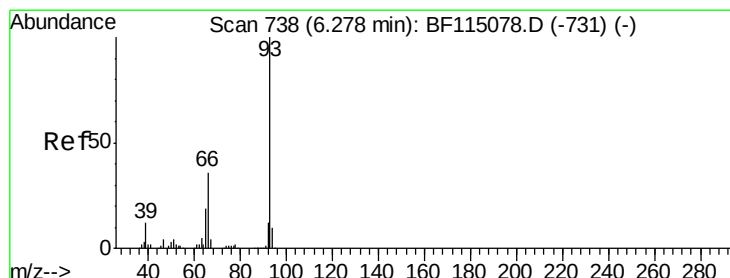
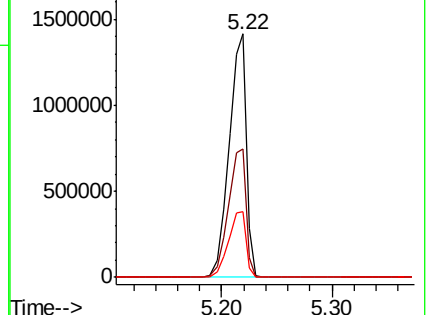
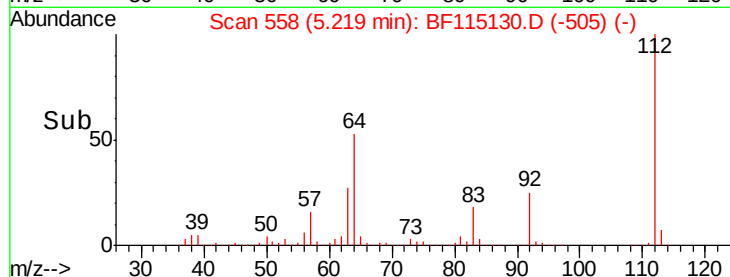
63 27.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF115130.D (-505) (-)

Ion 64.00 (63.70 to 64.70): BF115130.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BF115130.D (-505) (-)



#6

Aniline

Concen: 10.194 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

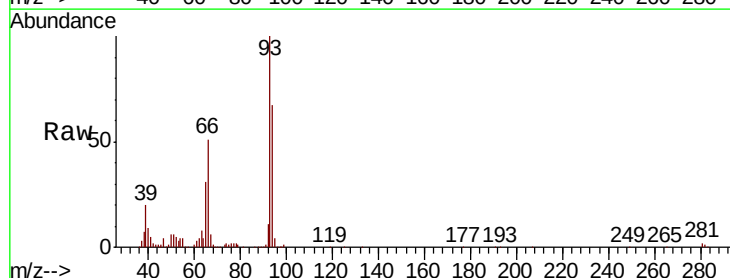
Tgt Ion: 93 Resp: 311439

Ion Ratio Lower Upper

93 100

66 51.4 30.0 45.0#

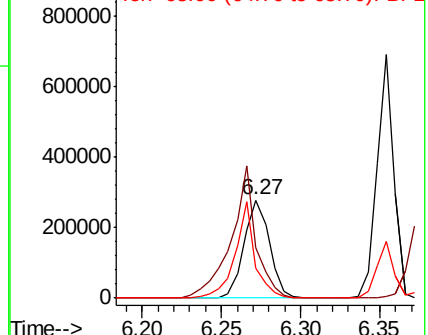
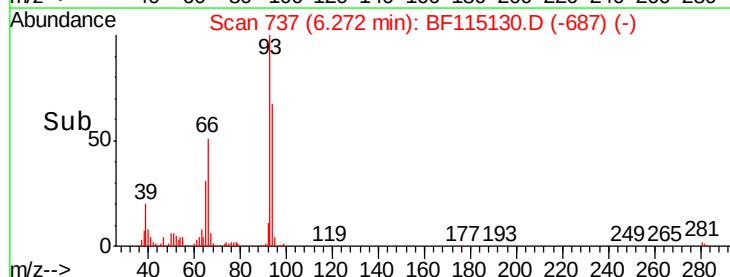
65 30.9 15.6 23.4#

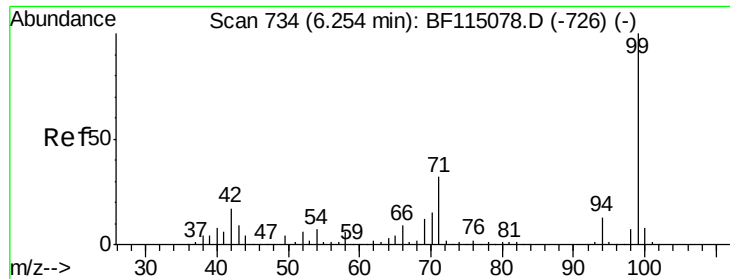


Abundance Ion 93.00 (92.70 to 93.70): BF115130.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BF115130.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BF115130.D (-687) (-)





#7

Phenol-d6

Concen: 88.347 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

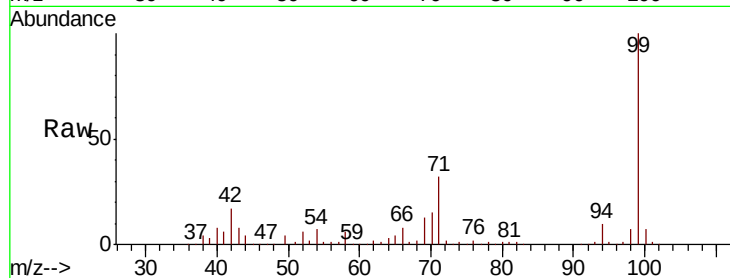
Tot Ion: 99 Resp: 1963931

Ion Ratio Lower Upper

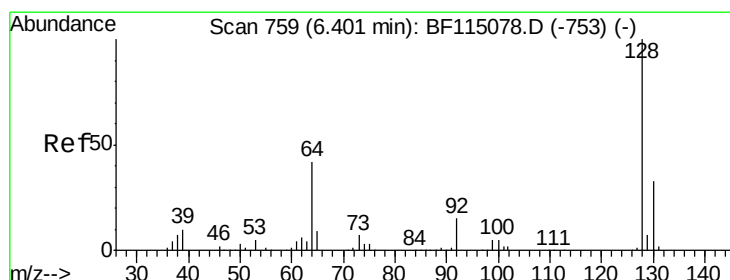
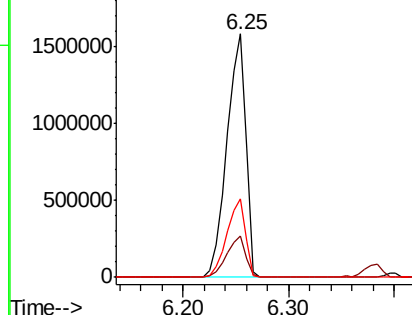
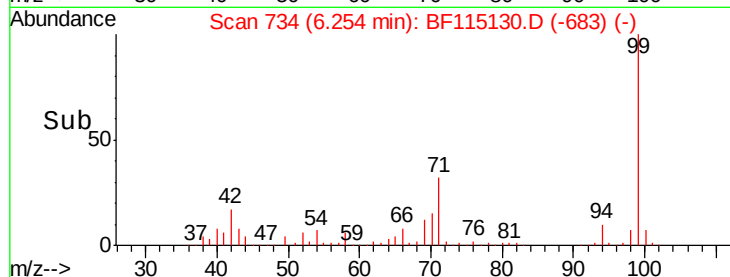
99 100

42 17.0 13.6 20.4

71 32.5 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: 27.281 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

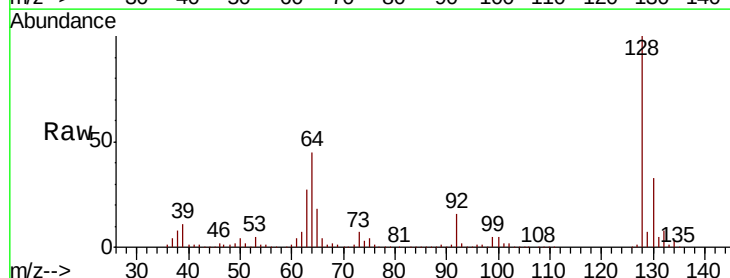
Tgt Ion: 128 Resp: 561832

Ion Ratio Lower Upper

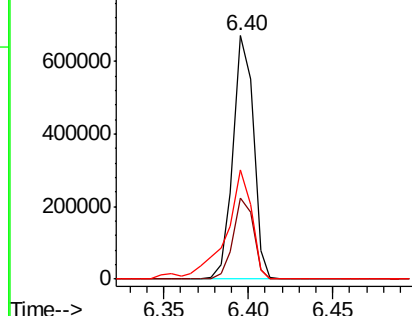
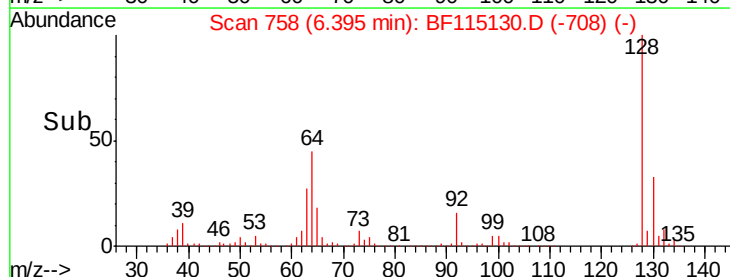
128 100

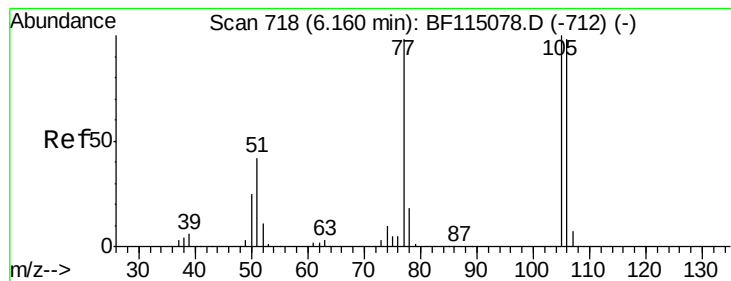
130 33.2 12.9 52.9

64 44.7 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: 25.887 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

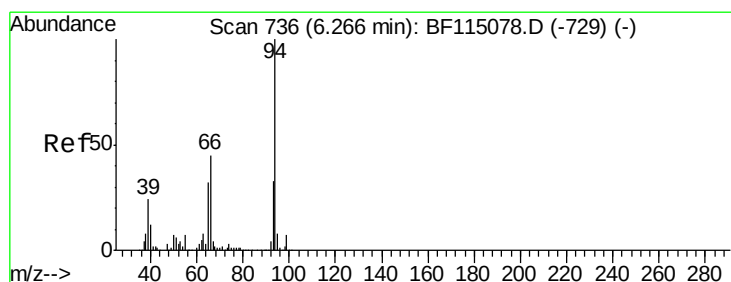
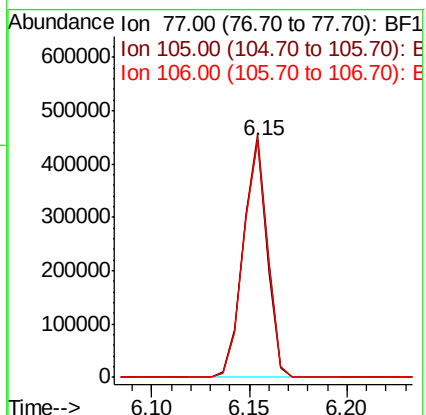
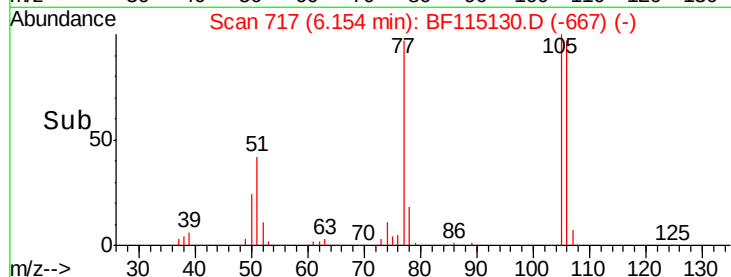
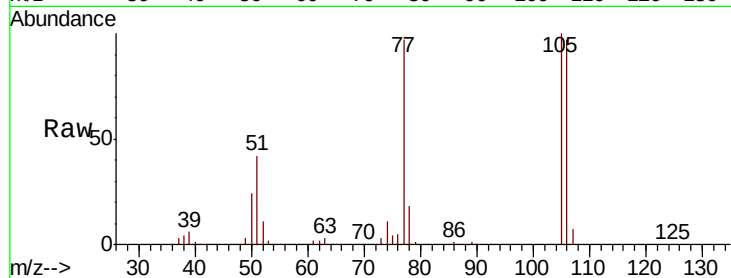
Tot Ion: 77 Resp: 375434

Ion Ratio Lower Upper

77 100

105 102.7 81.5 121.5

106 100.1 79.7 119.7



#10

Phenol

Concen: 25.574 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

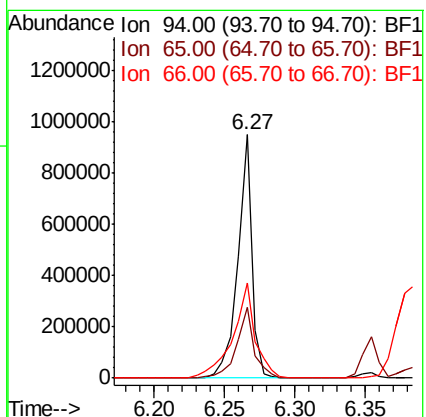
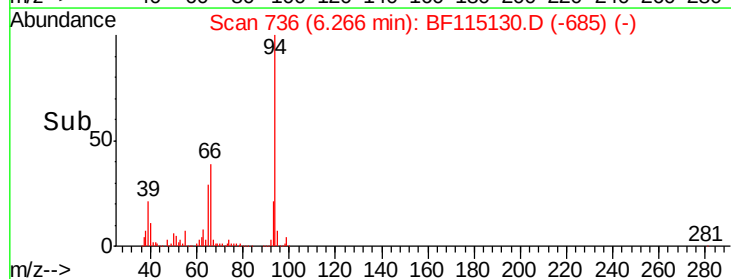
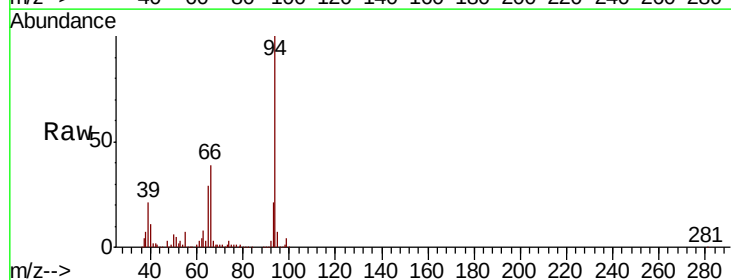
Tgt Ion: 94 Resp: 665935

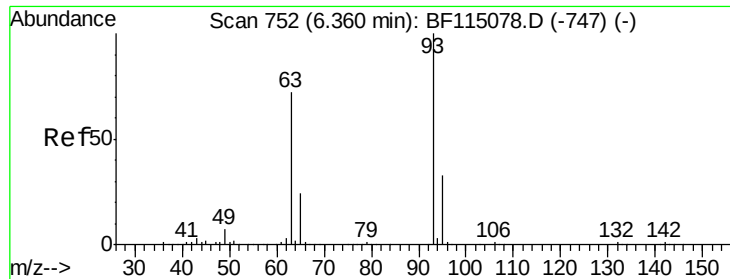
Ion Ratio Lower Upper

94 100

65 28.8 11.9 51.9

66 39.2 25.2 65.2





#11

bis(2-Chloroethyl)ether

Concen: 26.783 ng

RT: 6.35 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

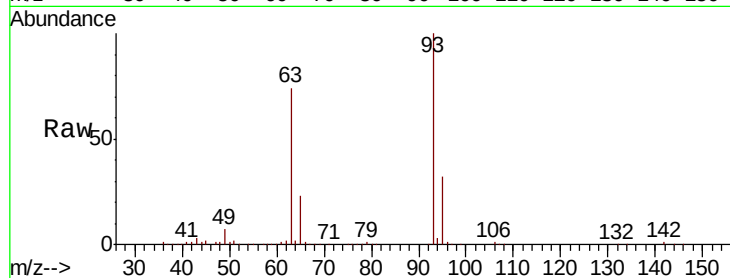
Tot Ion: 93 Resp: 514084

Ion Ratio Lower Upper

93 100

63 73.5 51.5 91.5

95 32.4 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

800000

600000

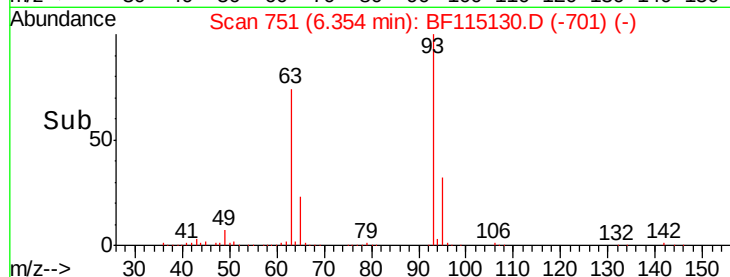
400000

200000

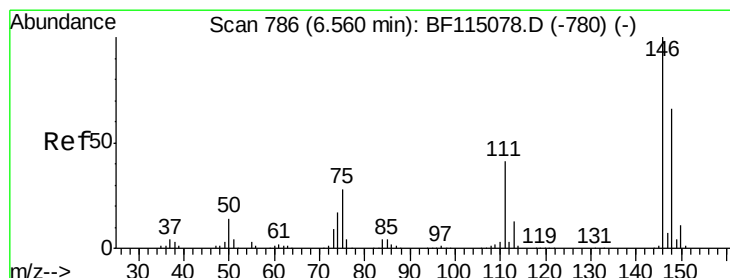
0

6.35

6.30 6.32 6.34 6.36 6.38



Time-->



#12

1,3-Dichlorobenzene

Concen: 26.168 ng

RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

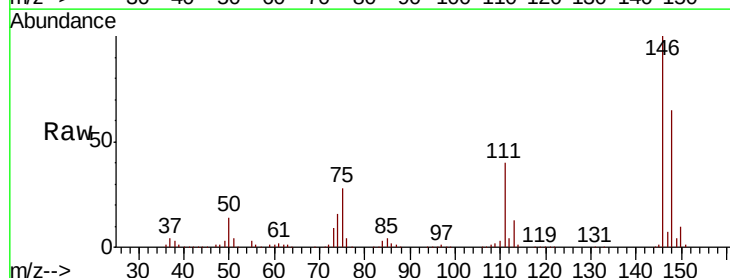
Tgt Ion: 146 Resp: 598085

Ion Ratio Lower Upper

146 100

148 65.4 52.6 78.8

75 27.8 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

1000000

800000

600000

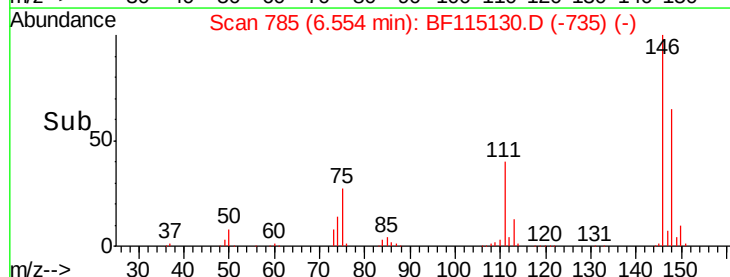
400000

200000

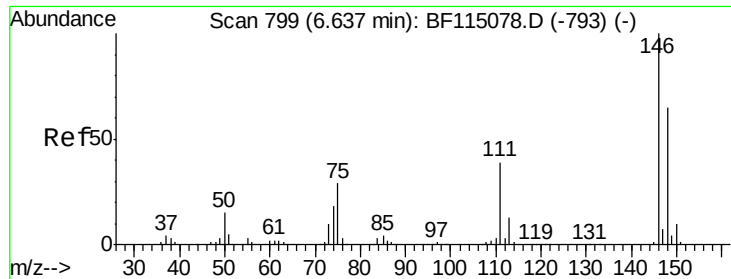
0

6.55

6.50 6.55 6.60



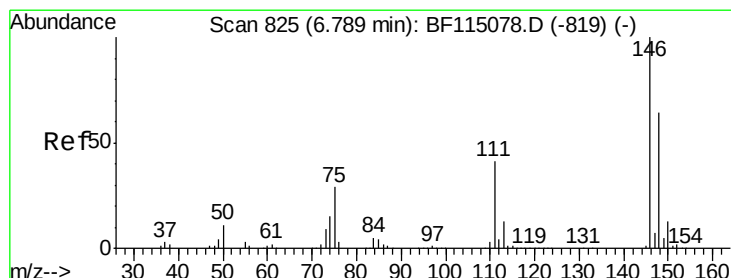
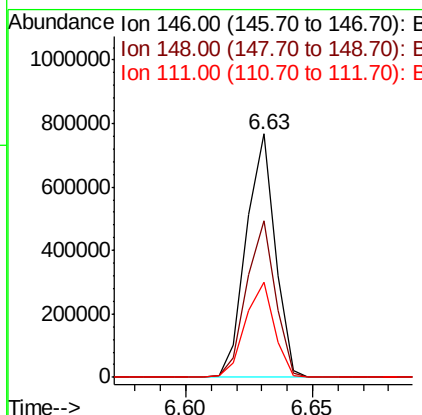
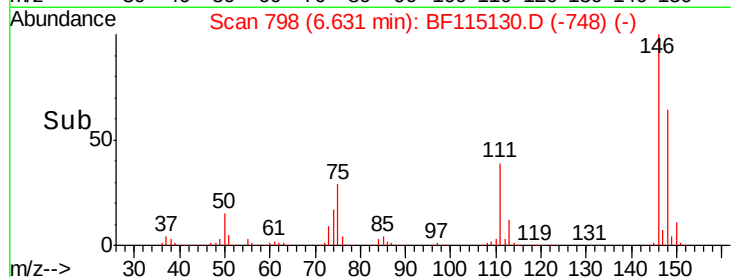
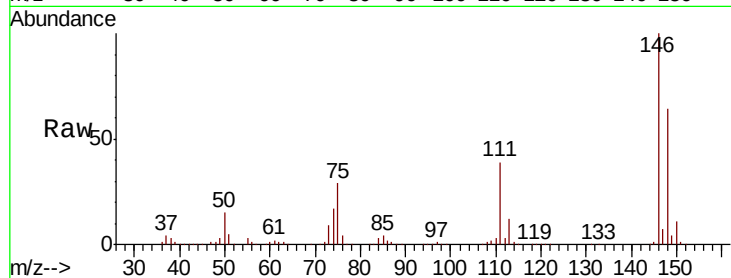
Time-->



#13
 1,4-Dichlorobenzene
 Concen: 26.632 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

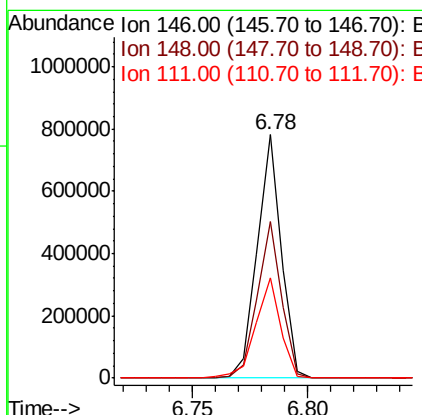
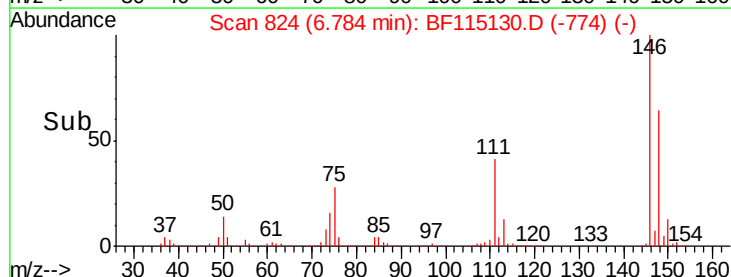
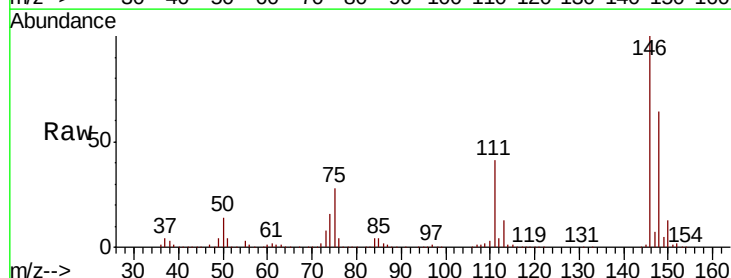
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

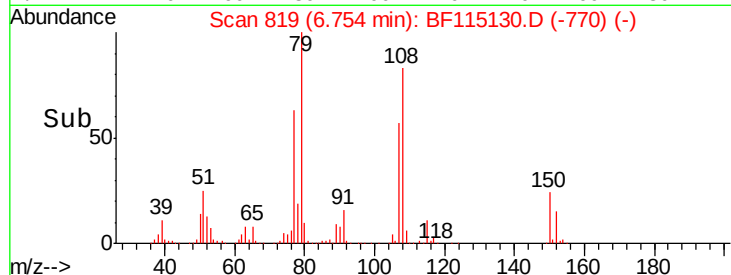
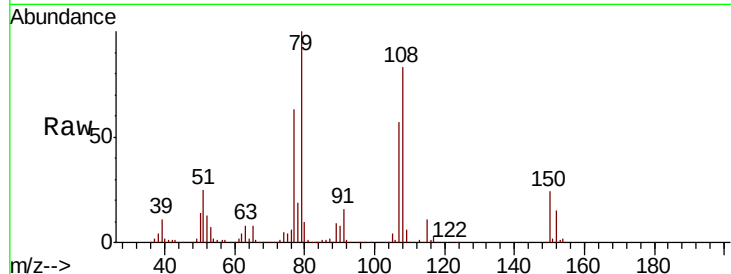
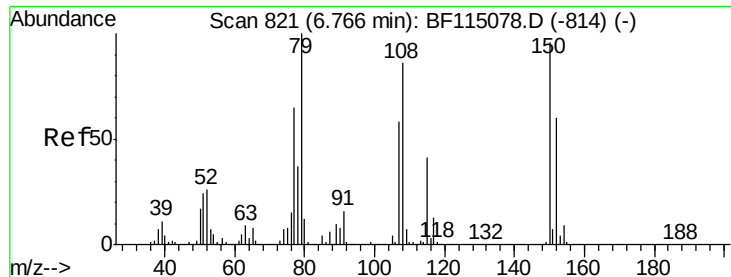
Tot Ion:146 Resp: 610383
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 39.2 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 26.816 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Tgt Ion:146 Resp: 569148
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 41.4 33.2 49.8

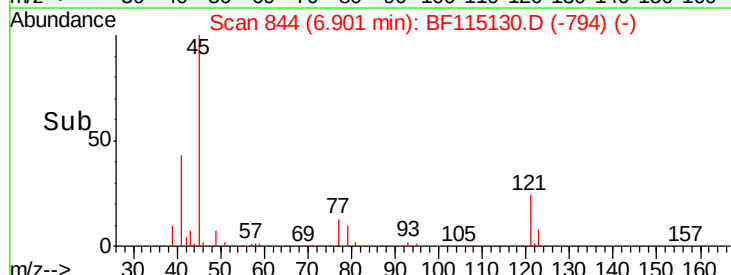
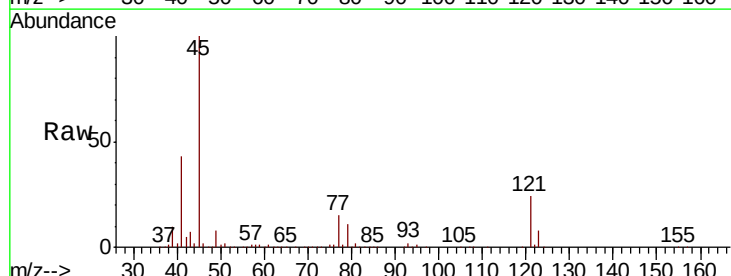
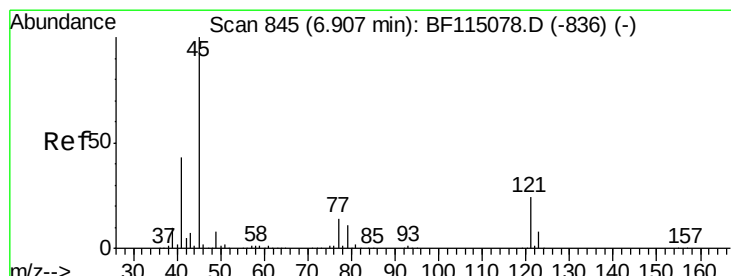
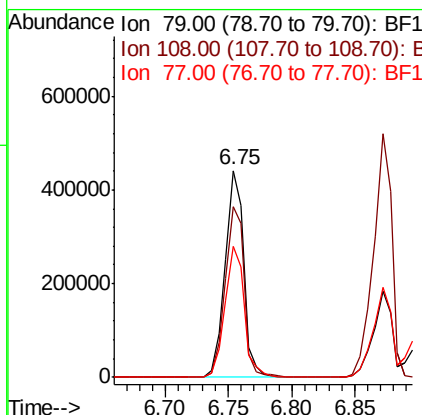




#15
Benzyl Alcohol
Concen: 27.855 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

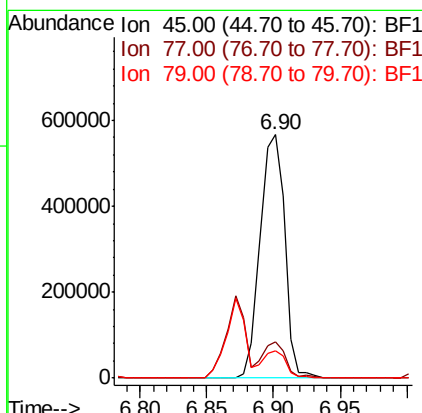
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

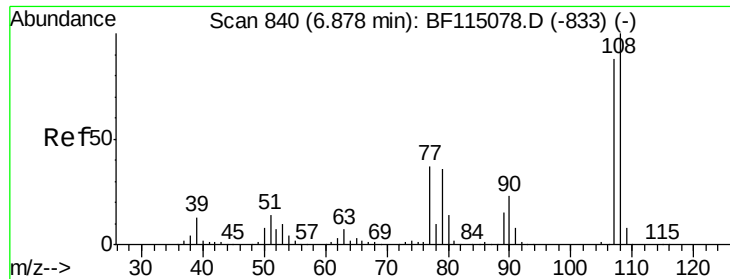
Tot Ion: 79 Resp: 450896
Ion Ratio Lower Upper
79 100
108 82.7 68.7 103.1
77 63.5 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.873 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion: 45 Resp: 720283
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.6
79 11.1 0.0 31.2

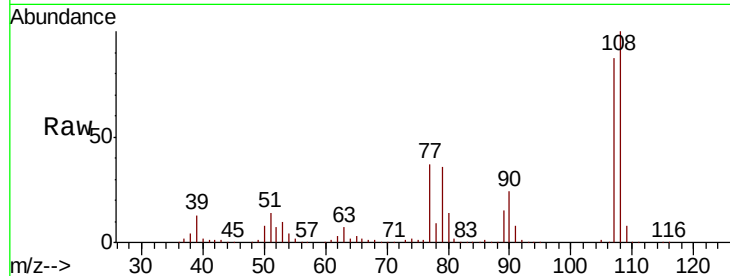




#17
2-Methylphenol
Concen: 26.683 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.9	136.3
77	42.8	33.4	50.2
79	41.1	32.3	48.5



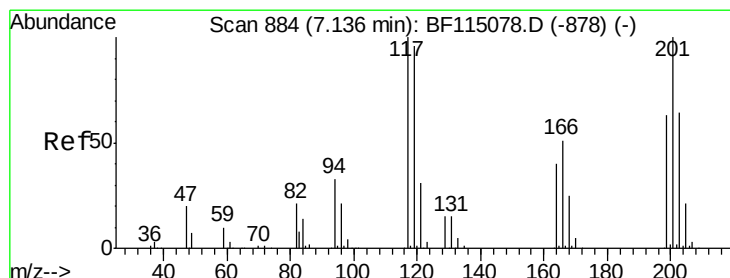
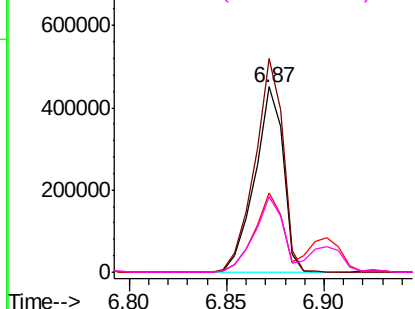
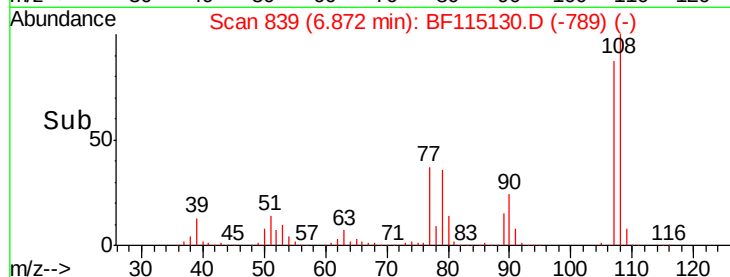
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

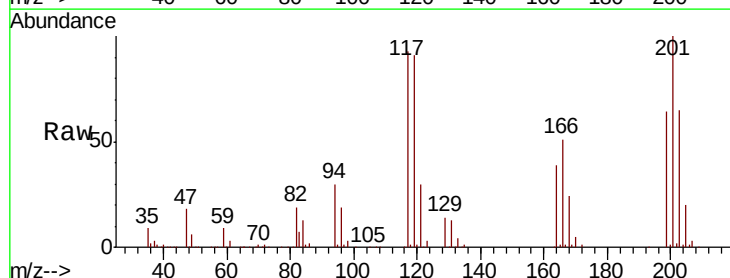
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 25.815 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	114.8
201	107.8	80.2	120.2

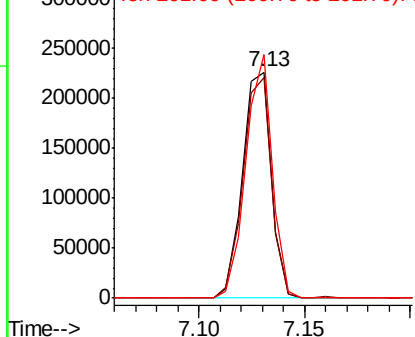
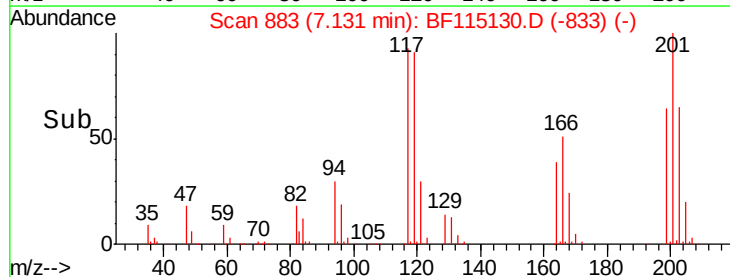


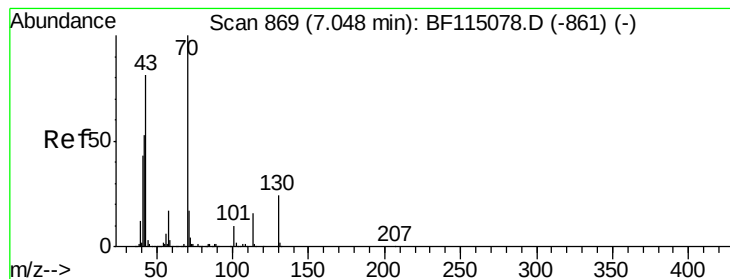
Abundance

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: 25.802 ng

RT: 7.04 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion: 70 Resp: 367208

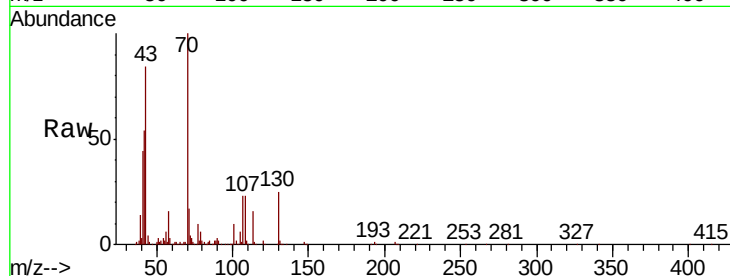
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.6	63.8
101	10.3	8.0	12.0
130	24.8	19.4	29.0

70 100

42 53.7 42.6 63.8

101 10.3 8.0 12.0

130 24.8 19.4 29.0



Abundance

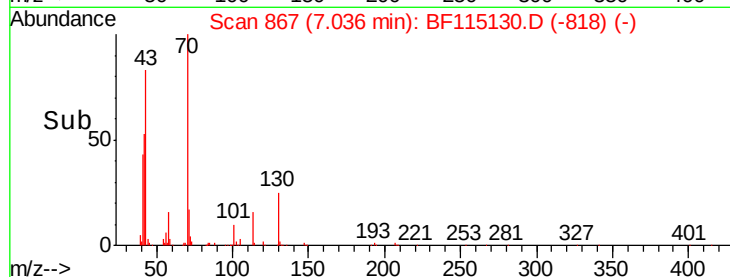
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

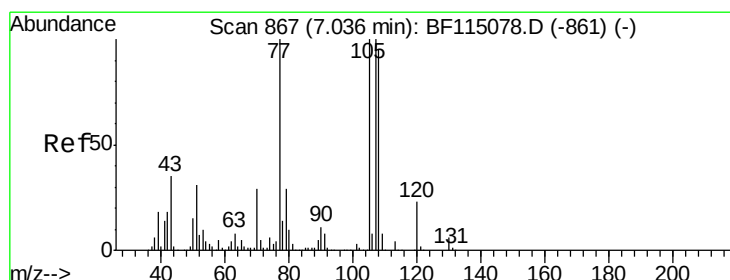
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 27.931 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Tgt Ion: 107 Resp: 548233

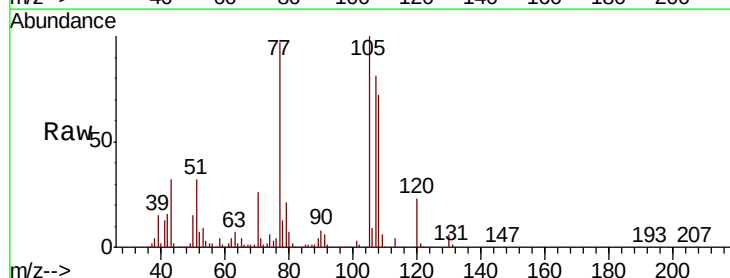
Ion	Ratio	Lower	Upper
107	100		
108	89.2	75.5	115.5
77	119.6	80.2	120.2
79	26.2	9.5	49.5

107 100

108 89.2 75.5 115.5

77 119.6 80.2 120.2

79 26.2 9.5 49.5



Abundance

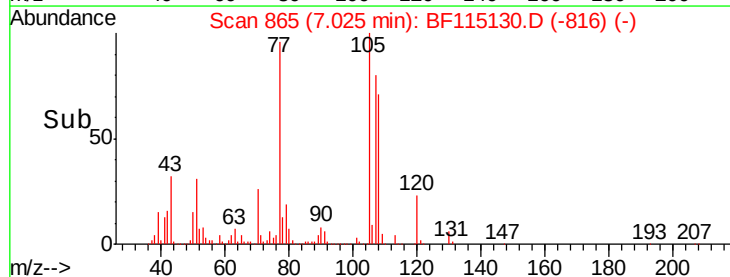
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

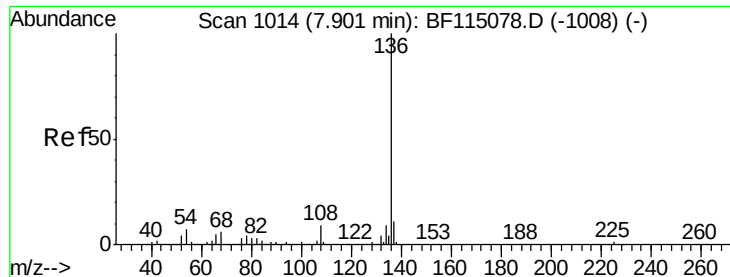
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



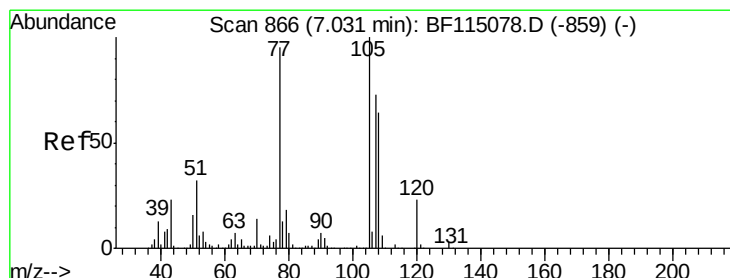
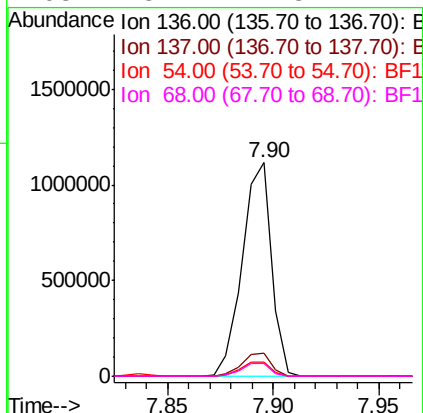
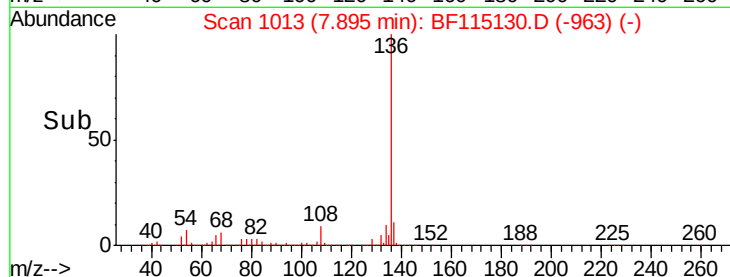
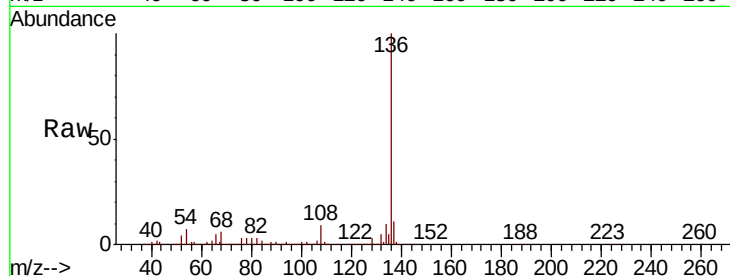
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

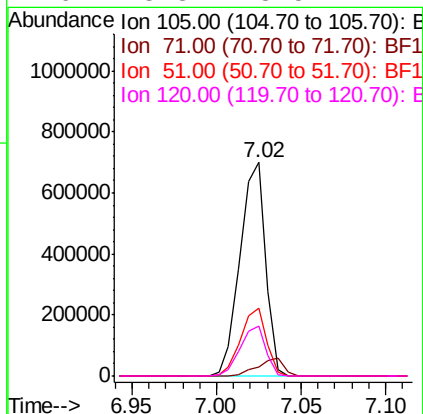
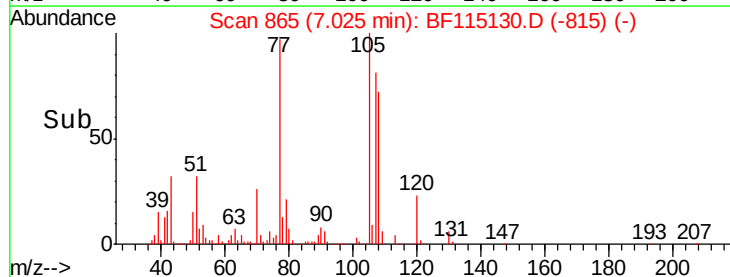
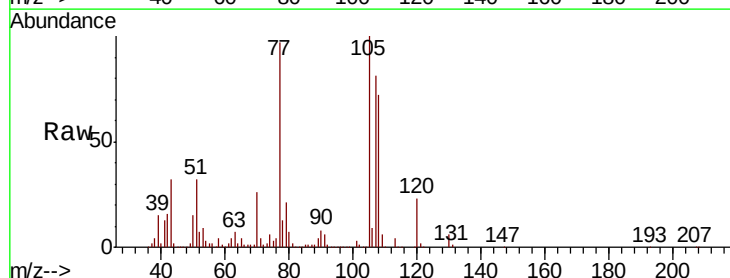
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

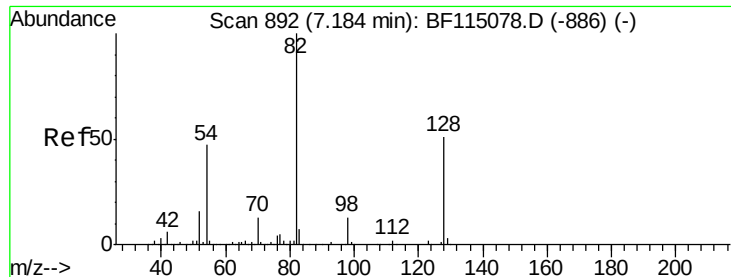
Tot Ion:136	Resp: 1071493
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 6.5	5.6 8.4
68 5.7	4.8 7.2



#22
Acetophenone
Concen: 30.183 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt	Ion:105	Resp:	740389
Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.9	2.9#
51	31.6	25.8	38.8
120	23.3	18.5	27.7

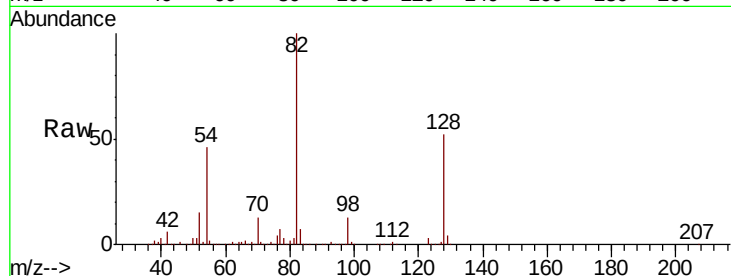




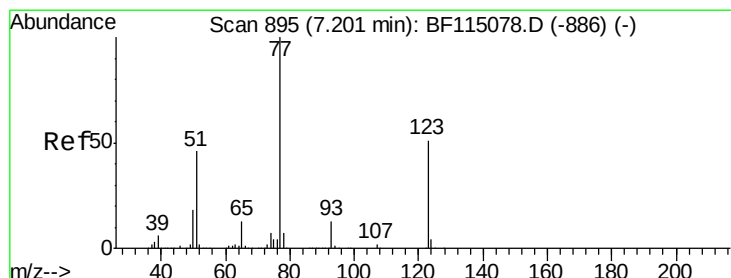
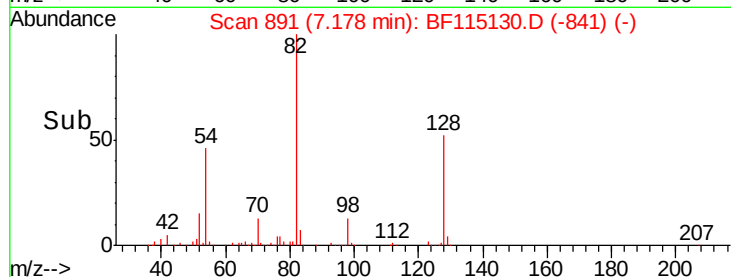
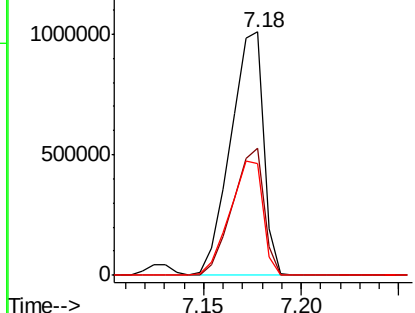
#23
 Nitrobenzene-d5
 Concen: 67.734 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion: 82 Resp: 1179815
 Ion Ratio Lower Upper
 82 100
 128 52.4 40.4 60.6
 54 45.9 37.5 56.3

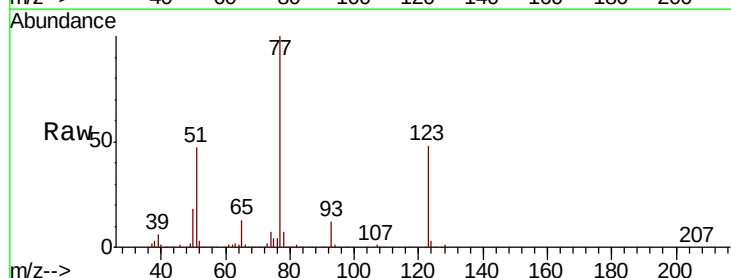


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

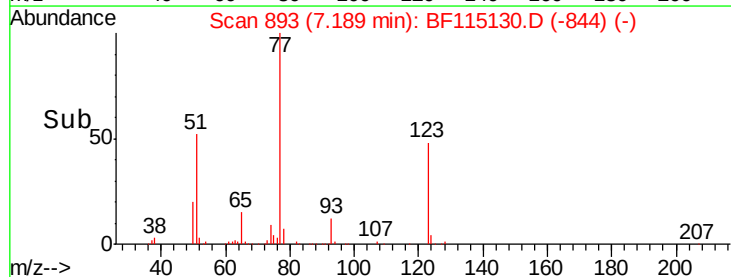
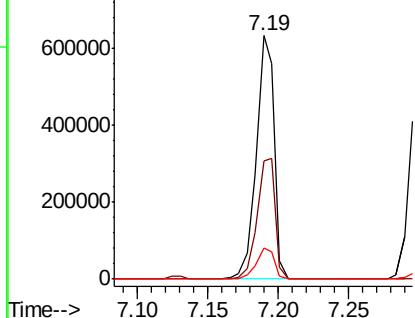


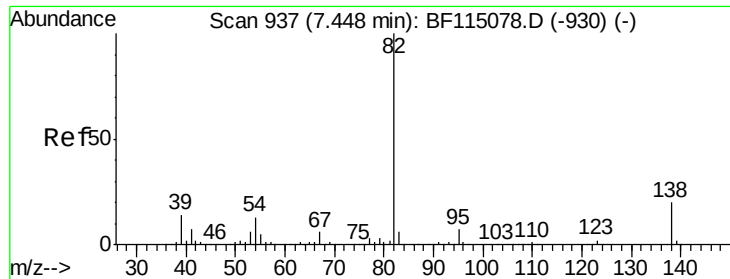
#24
 Nitrobenzene
 Concen: 29.449 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Tgt Ion: 77 Resp: 565111
 Ion Ratio Lower Upper
 77 100
 123 48.5 41.0 61.6
 65 13.0 10.5 15.7



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

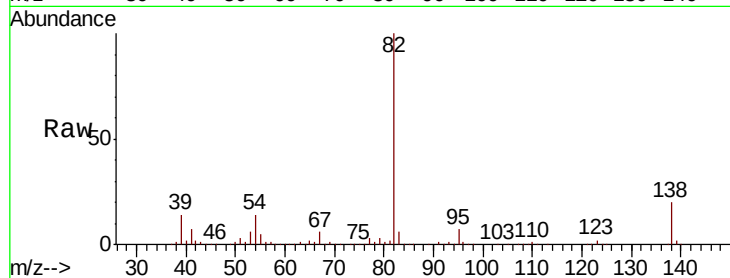




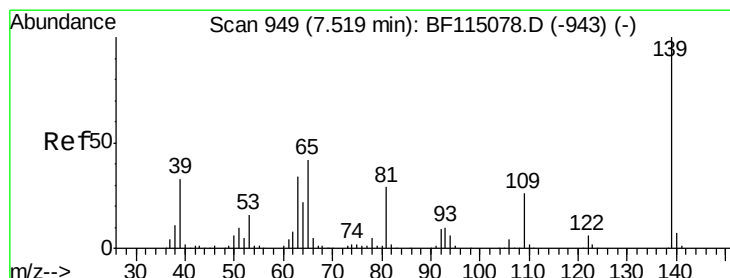
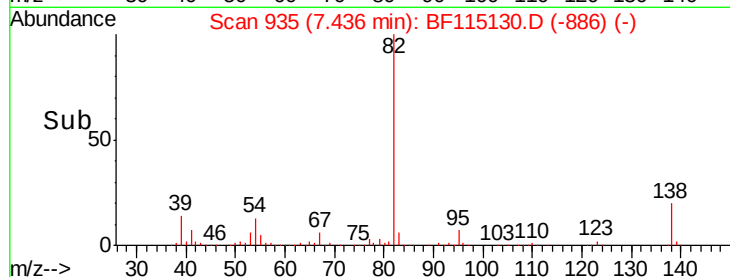
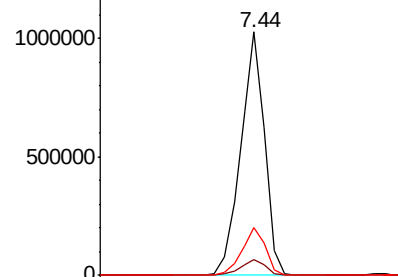
#25
Isophorone
Concen: 28.258 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion: 82 Resp: 1008292
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 19.5 15.9 23.9

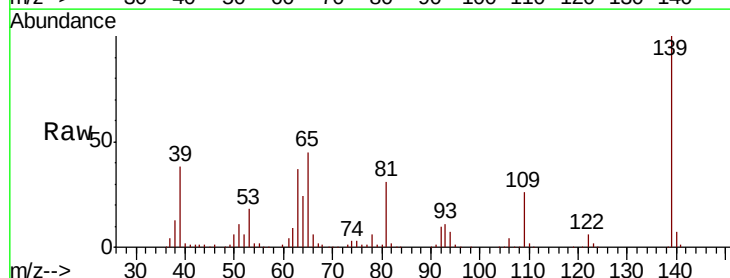


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

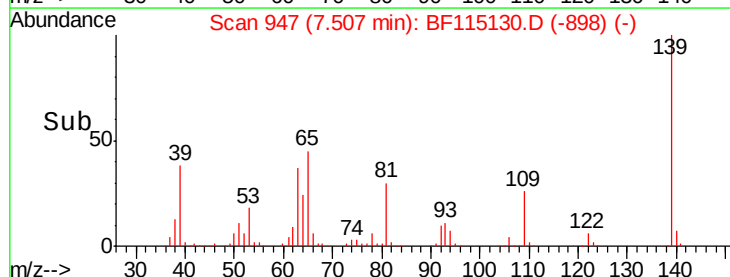
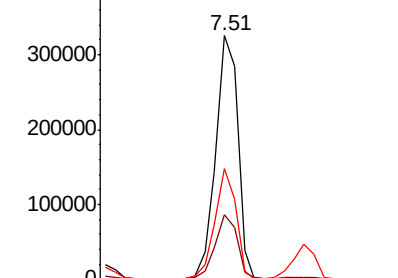


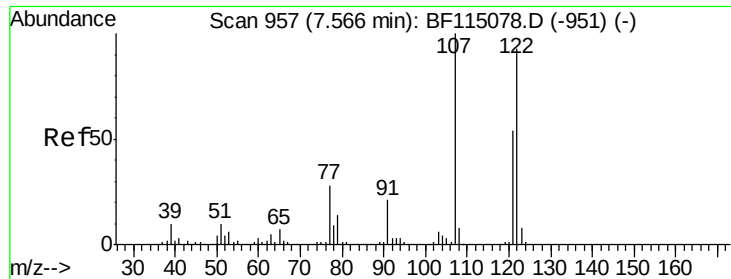
#26
2-Nitrophenol
Concen: 31.201 ng
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion: 139 Resp: 295679
Ion Ratio Lower Upper
139 100
109 26.5 20.4 30.6
65 45.4 33.6 50.4



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

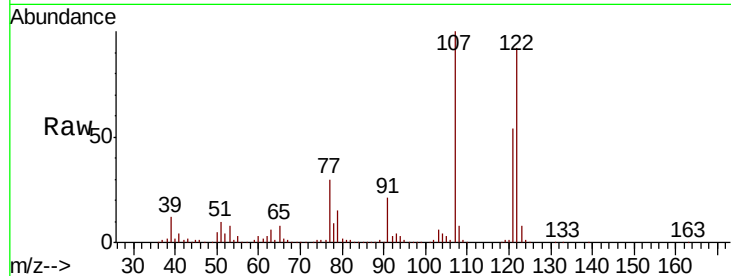




#27
2,4-Dimethylphenol
Concen: 32.926 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	85.8	128.6
121	59.3	46.3	69.5

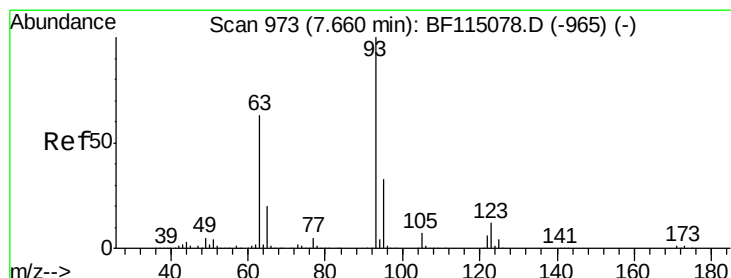
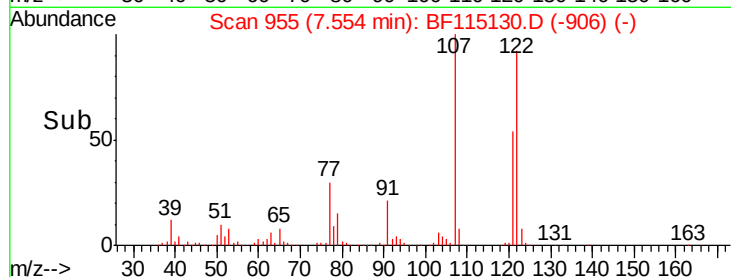
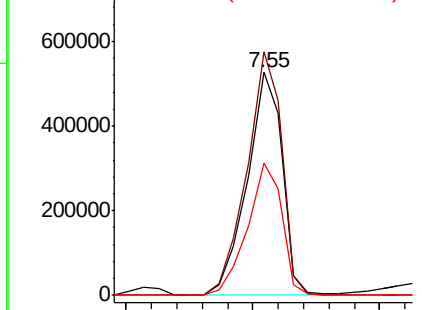


Abundance

Ion 122.00 (121.70 to 122.70): E

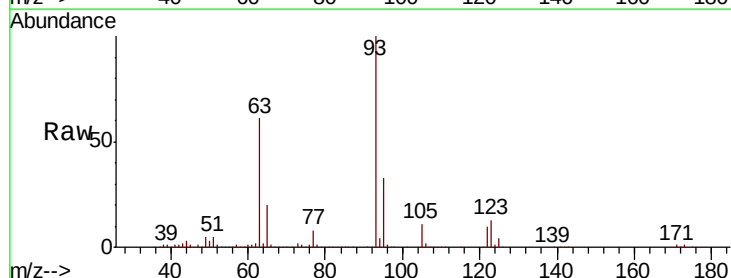
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 28.605 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.9	9.7	14.5

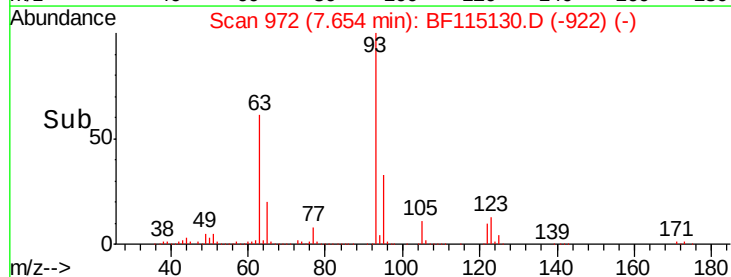
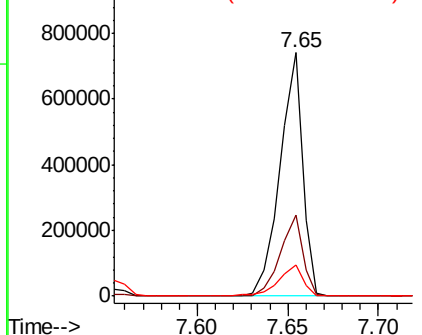


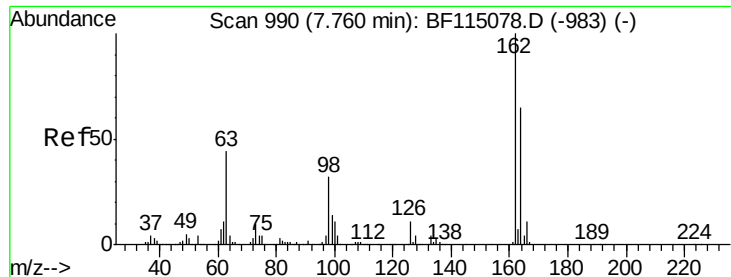
Abundance

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

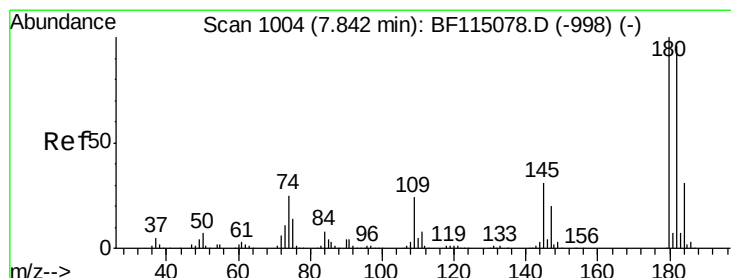
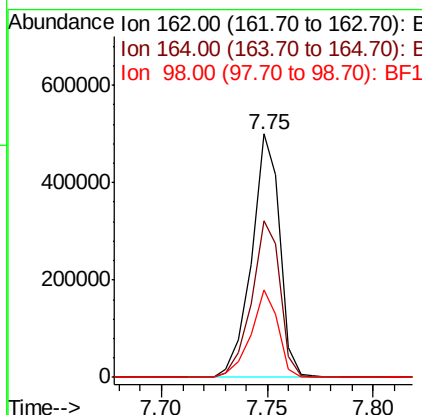
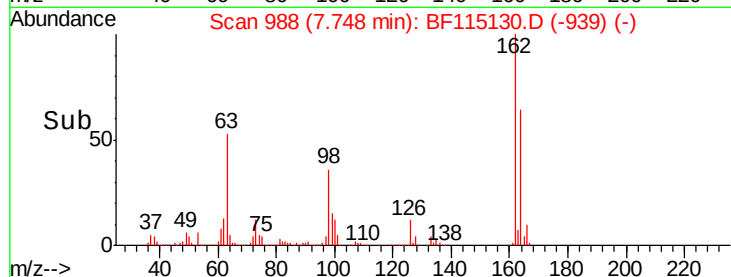
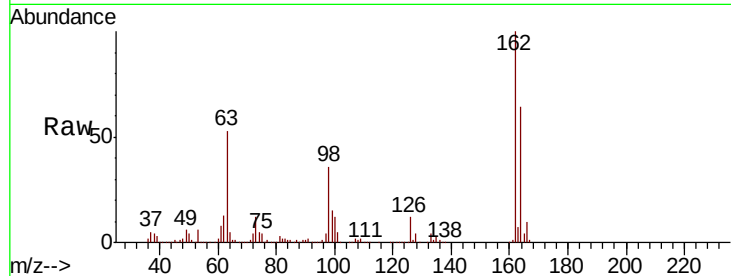




#29
2,4-Dichlorophenol
Concen: 28.966 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

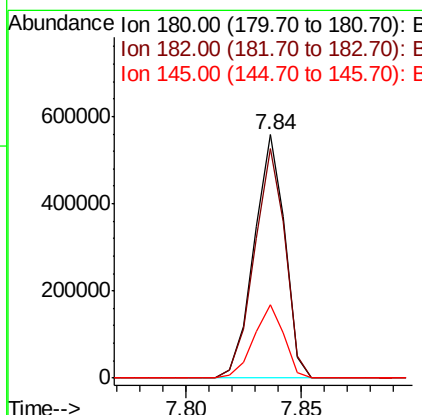
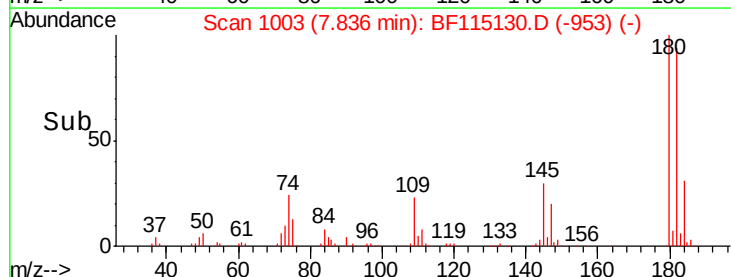
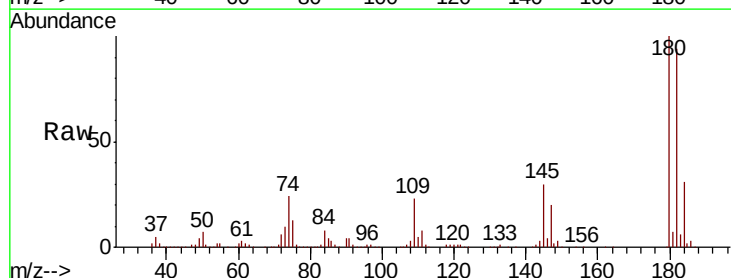
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

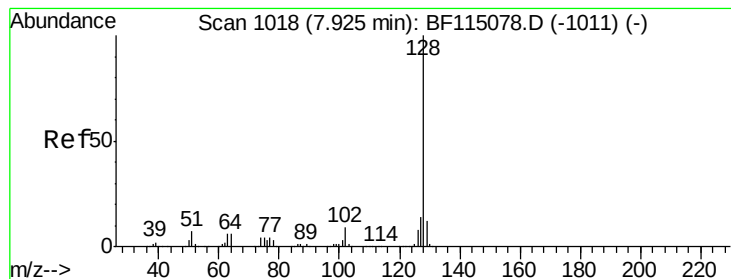
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.3	85.3
98	36.0	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 29.258 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	30.2	24.8	37.2





#31

Naphthalene

Concen: 30.005 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

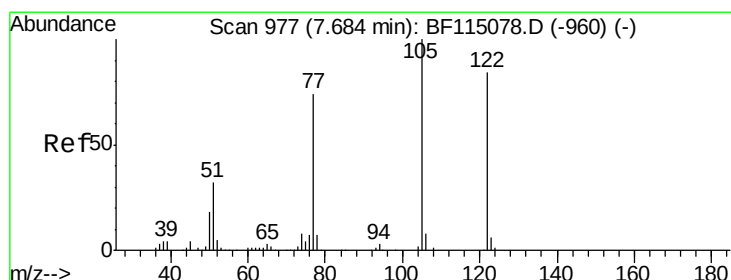
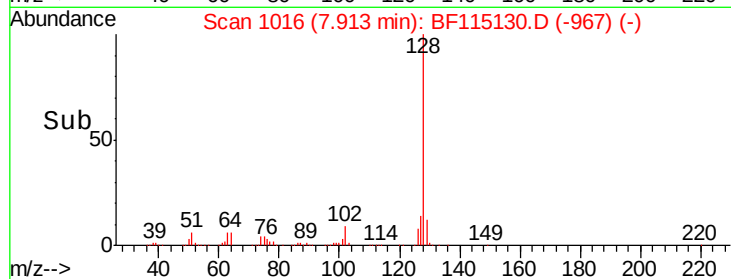
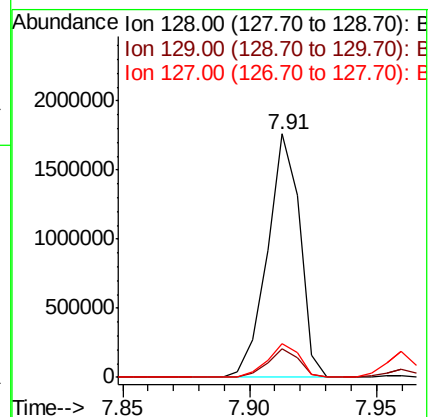
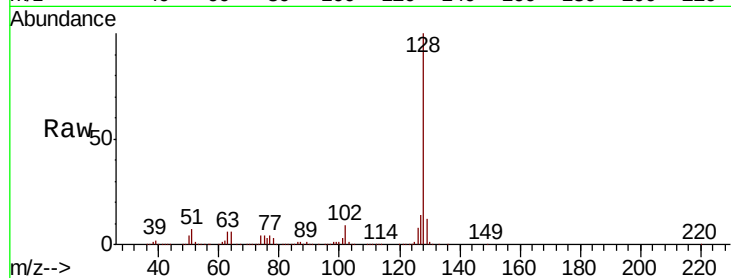
Tot Ion:128 Resp: 1578169

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

127 13.9 11.4 17.0



#32

Benzoic acid

Concen: 16.733 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

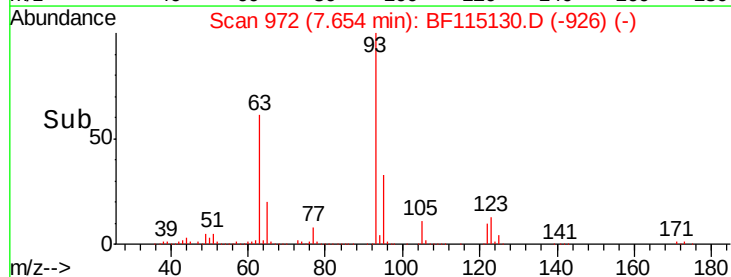
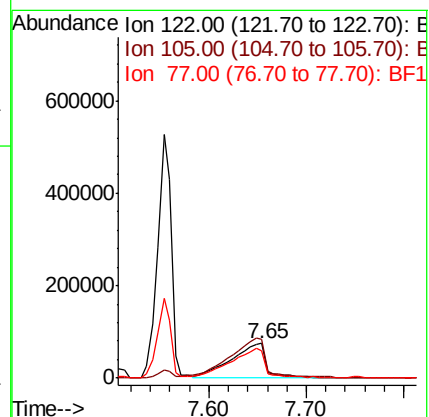
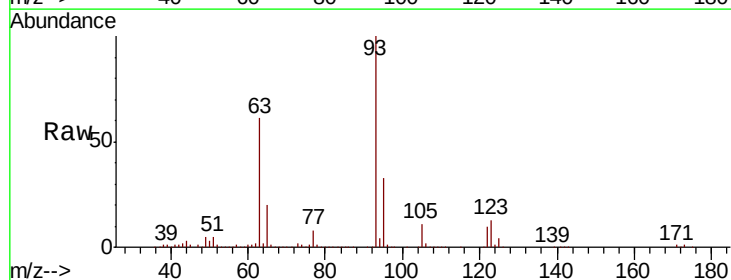
Tgt Ion:122 Resp: 185323

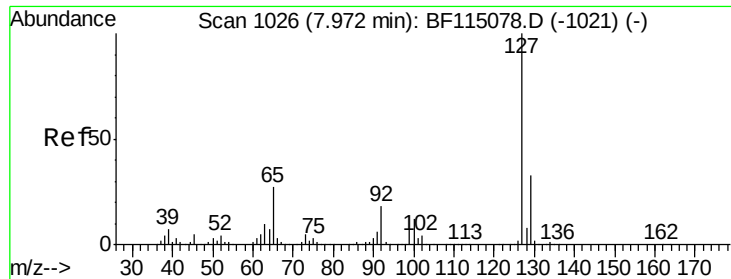
Ion Ratio Lower Upper

122 100

105 111.0 98.2 138.2

77 79.6 67.0 107.0

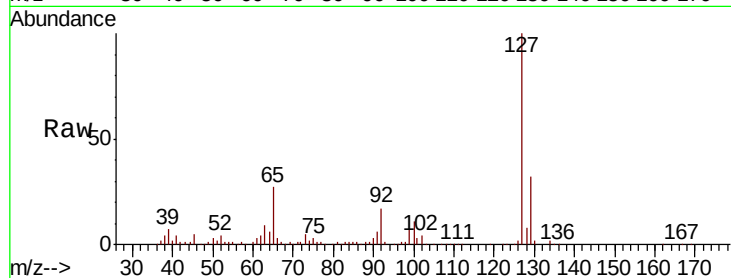




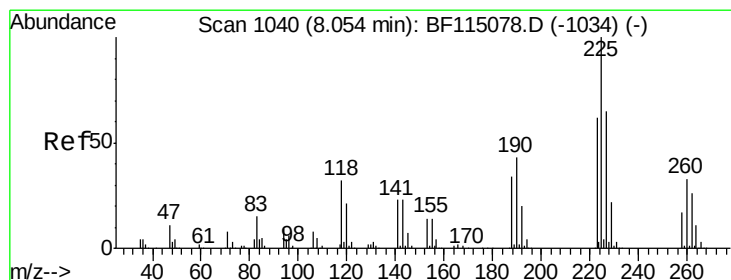
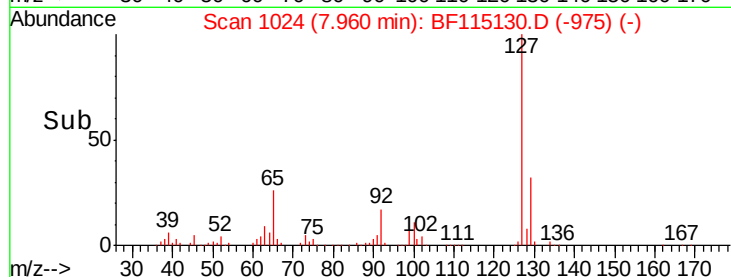
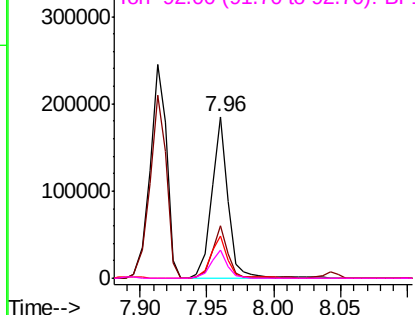
#33
4-Chloroaniline
Concen: 6.591 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:127	Resp:	158439
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.1 39.1
65	26.6	21.4 32.2
92	17.2	14.1 21.1

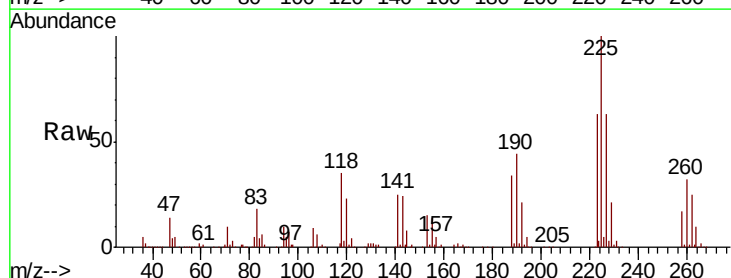


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

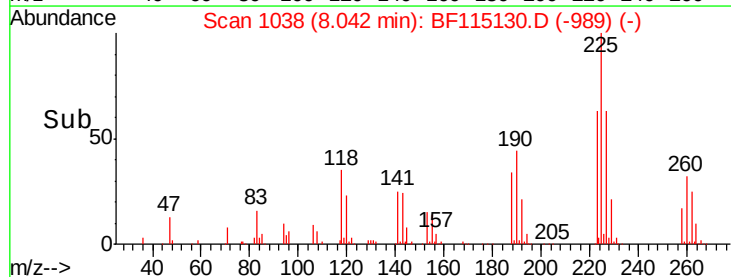
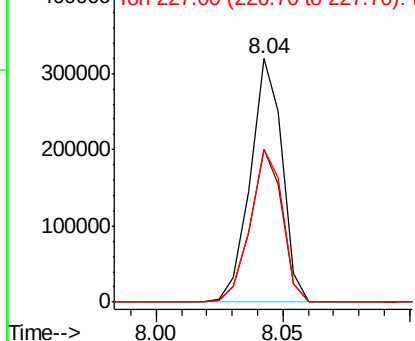


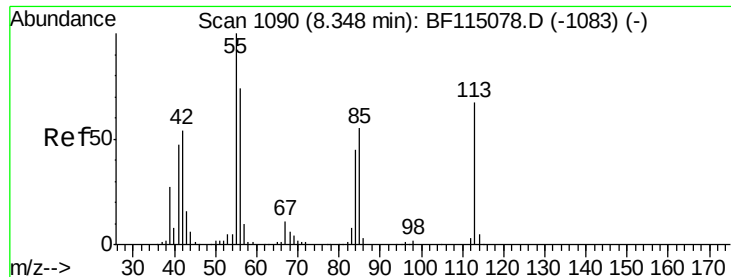
#34
Hexachlorobutadiene
Concen: 28.739 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:225	Resp:	278547
Ion Ratio	Lower	Upper
225	100	
223	62.8	49.4 74.2
227	62.6	51.8 77.8



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

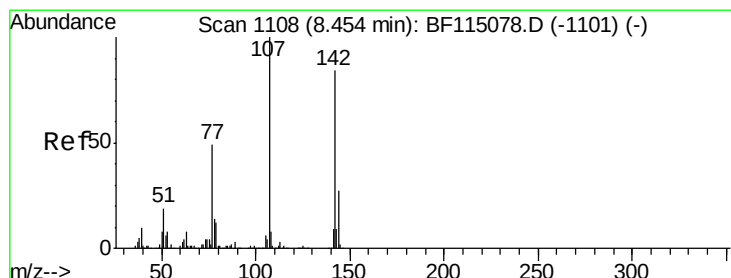
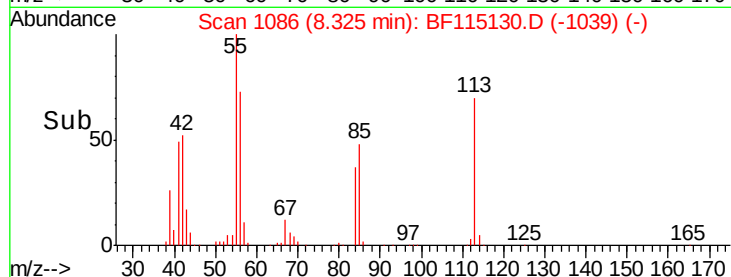
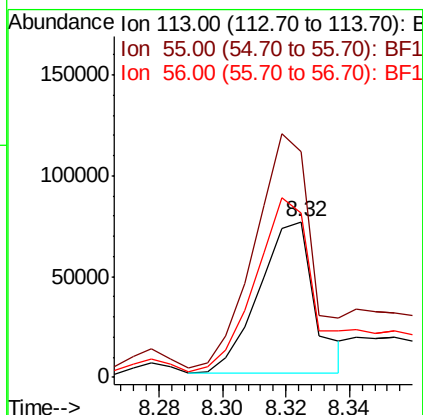
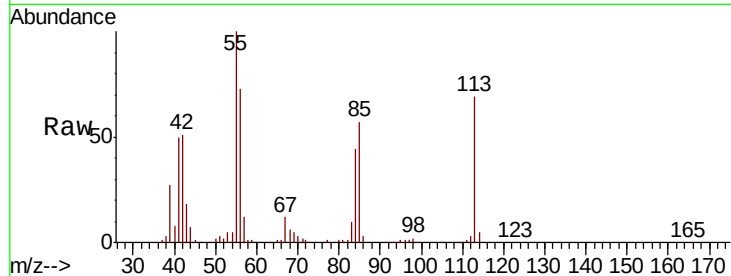




#35
 Caprolactam
 Concen: 17.184 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

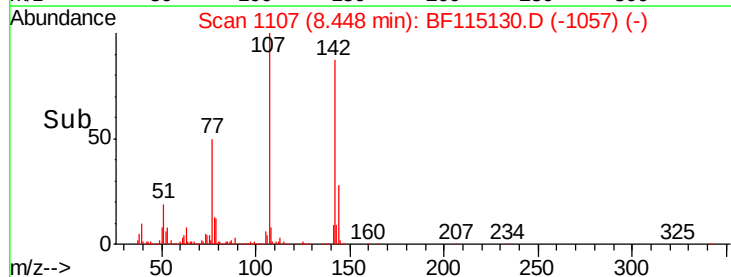
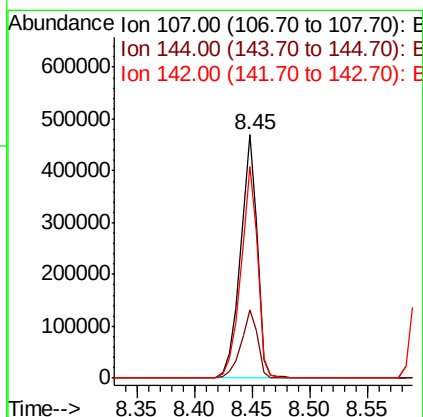
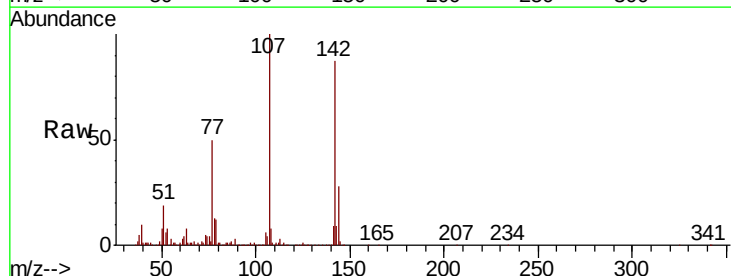
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

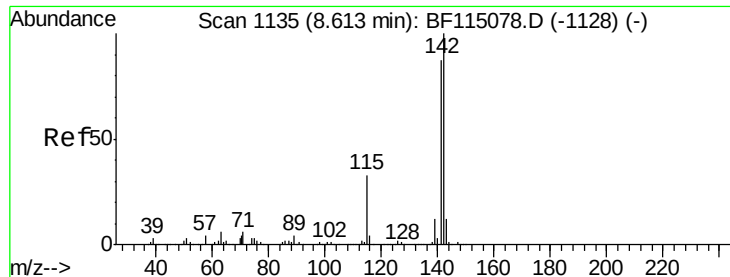
Tot Ion:113 Resp: 92511
 Ion Ratio Lower Upper
 113 100
 55 144.6 130.2 170.2
 56 105.3 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 29.220 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Tgt Ion:107 Resp: 473833
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.7 32.5
 142 86.9 67.0 100.4

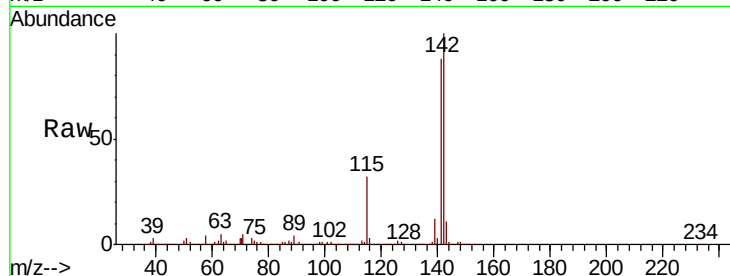




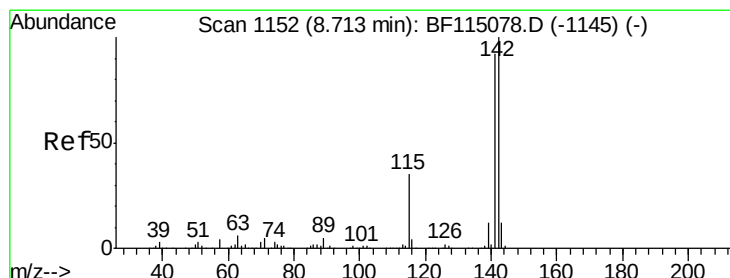
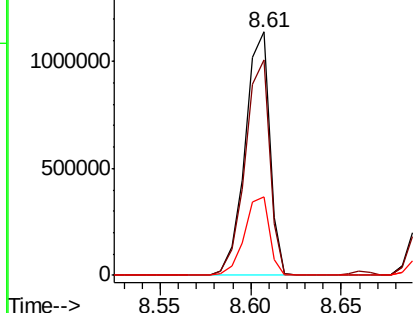
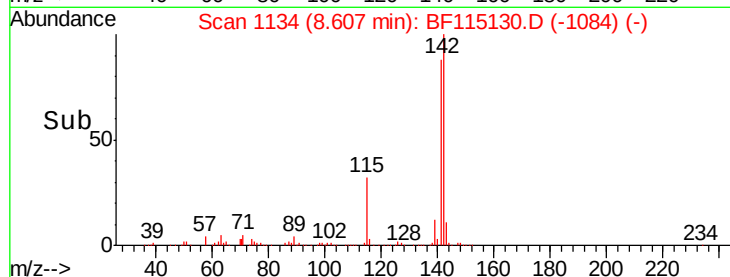
#37
2-Methylnaphthalene
Concen: 30.390 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:142 Resp: 1077755
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6
115 32.1 26.7 40.1

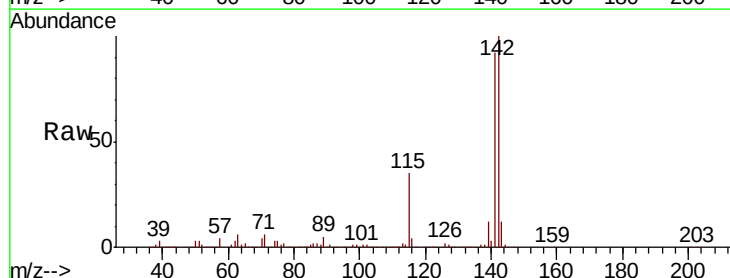


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

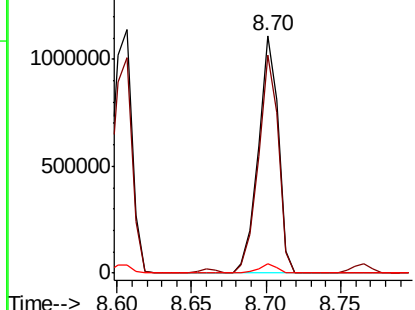
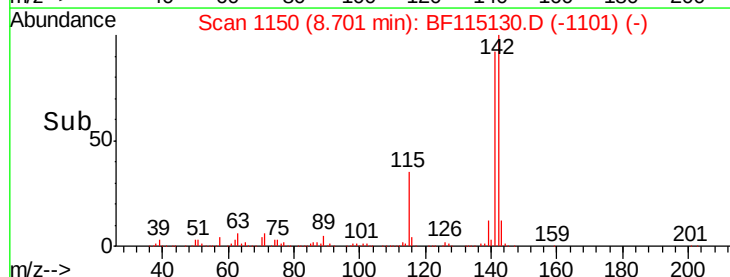


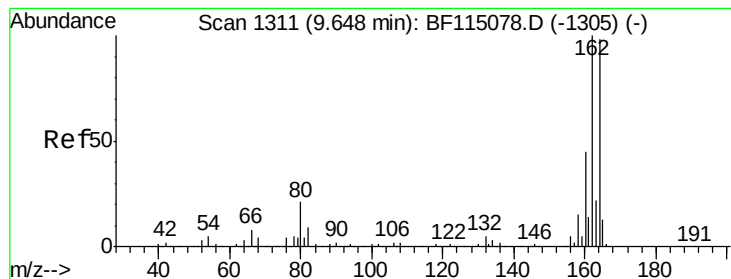
#38
1-Methylnaphthalene
Concen: 29.874 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:142 Resp: 1011844
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8
116 3.8 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

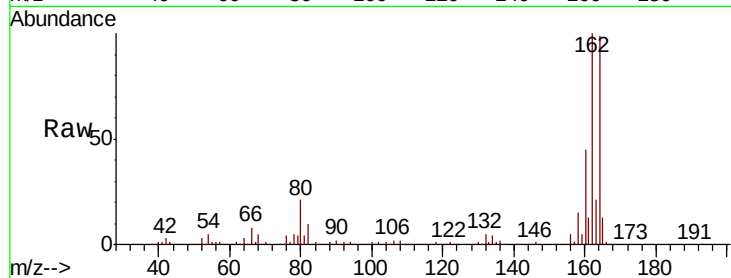
Tot Ion:164 Resp: 524742

Ion Ratio Lower Upper

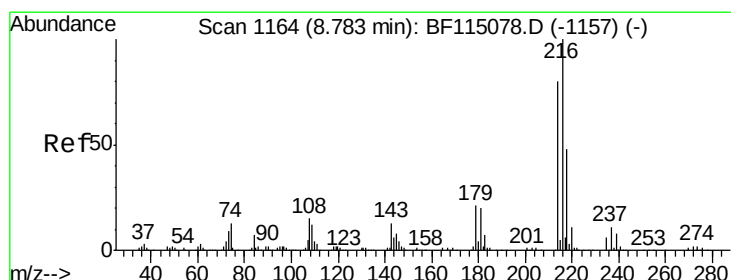
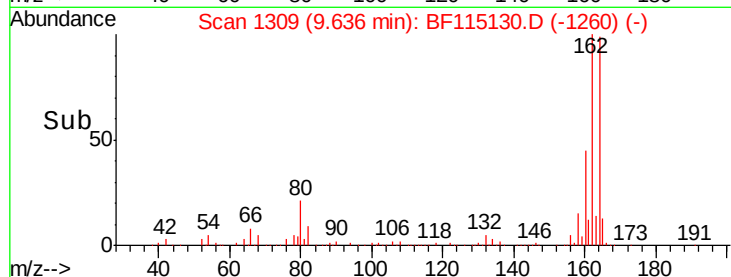
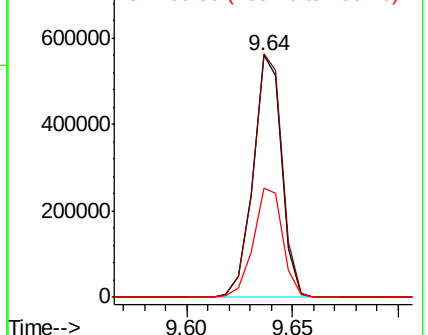
164 100

162 100.6 81.7 122.5

160 45.2 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: 31.167 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Tgt Ion:216 Resp: 462161

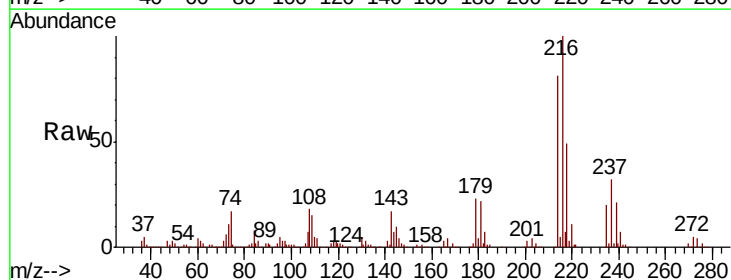
Ion Ratio Lower Upper

216 100

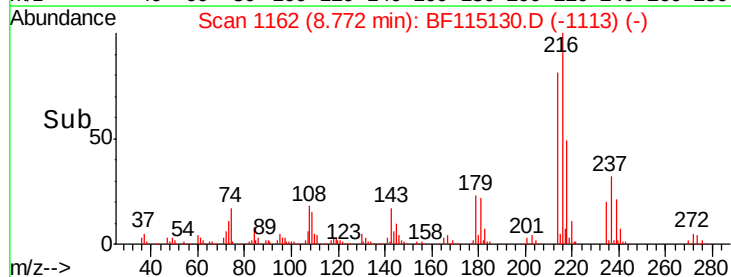
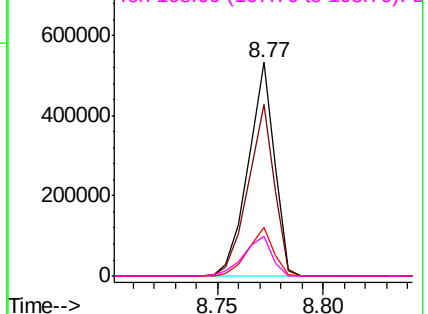
214 80.0 63.8 95.6

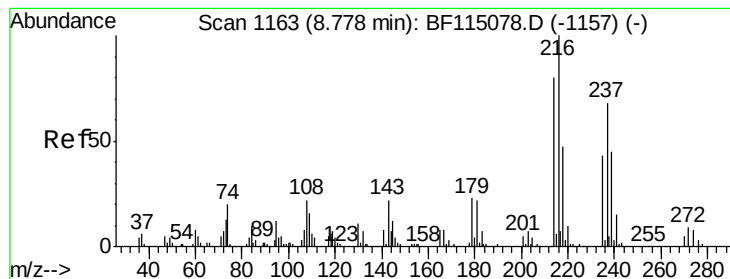
179 22.3 17.6 26.4

108 19.8 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 34.950 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

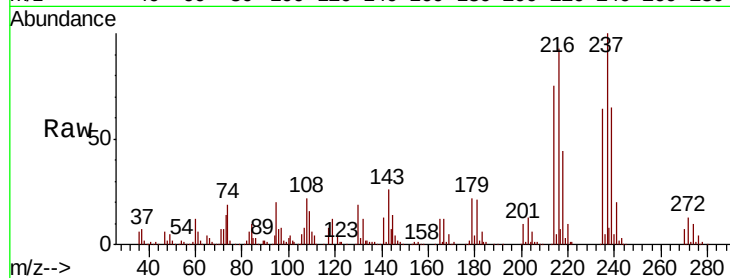
Tot Ion:237 Resp: 307306

Ion Ratio Lower Upper

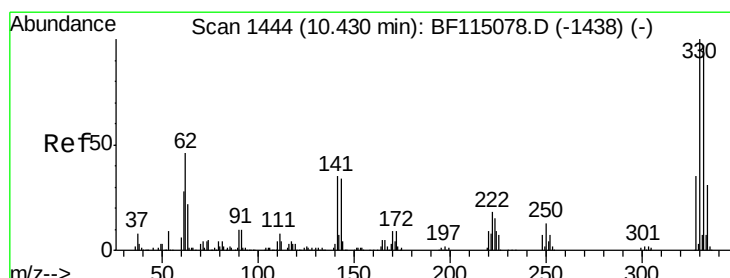
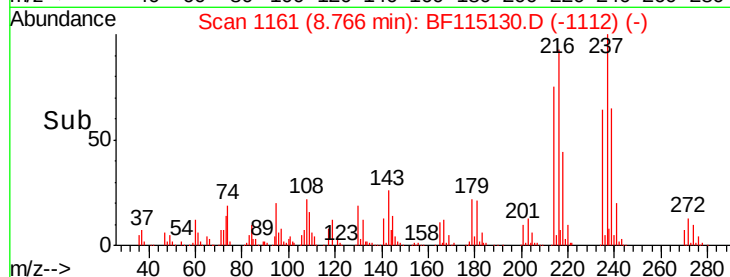
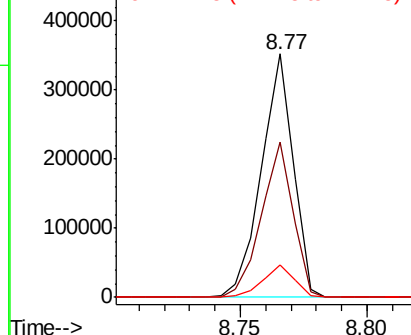
237 100

235 64.0 43.9 83.9

272 13.2 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: 93.255 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

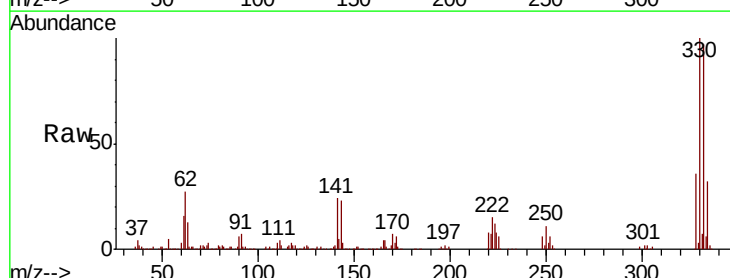
Tgt Ion:330 Resp: 516036

Ion Ratio Lower Upper

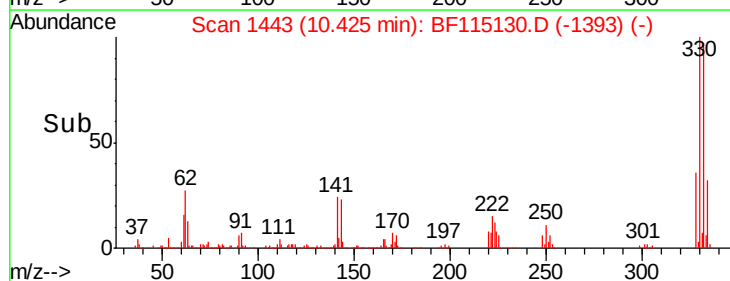
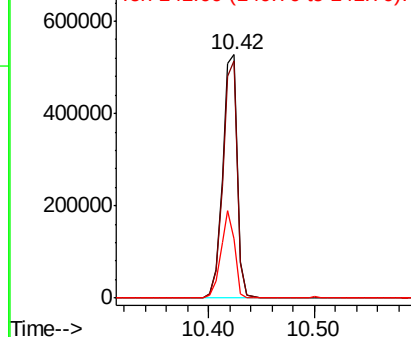
330 100

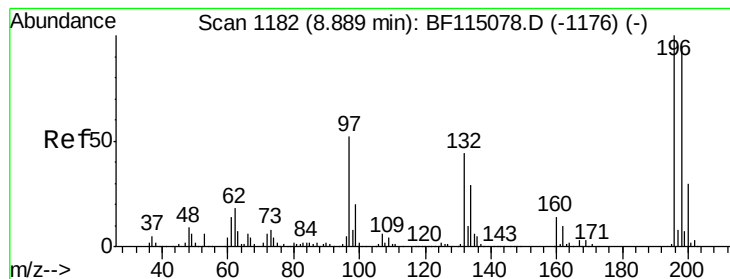
332 95.8 77.3 115.9

141 34.1 28.2 42.2



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





#43

2,4,6-Trichlorophenol

Concen: 29.181 ng

RT: 8.88 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

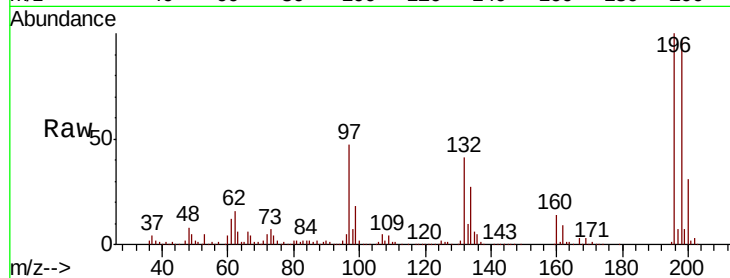
Tot Ion:196 Resp: 334067

Ion Ratio Lower Upper

196 100

198 96.6 76.3 114.5

200 31.4 24.2 36.4

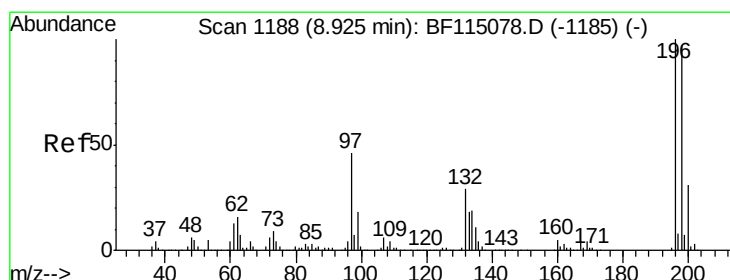
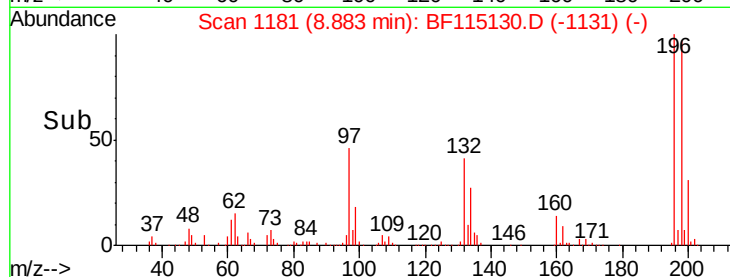
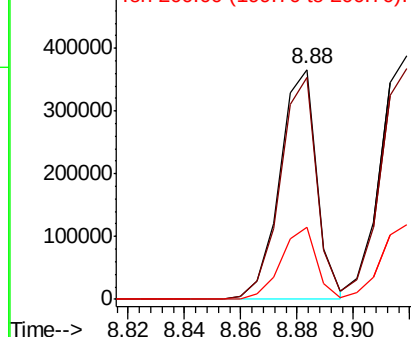


Abundance

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: 30.295 ng

RT: 8.92 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Tgt Ion:196 Resp: 357158

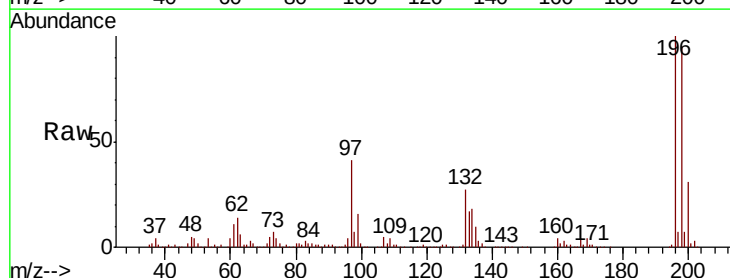
Ion Ratio Lower Upper

196 100

198 94.9 77.1 115.7

97 41.3 37.7 56.5

132 26.6 23.1 34.7



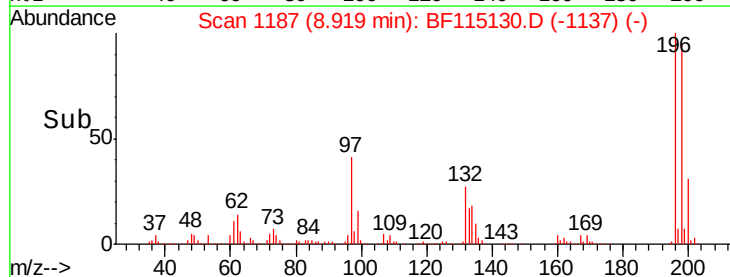
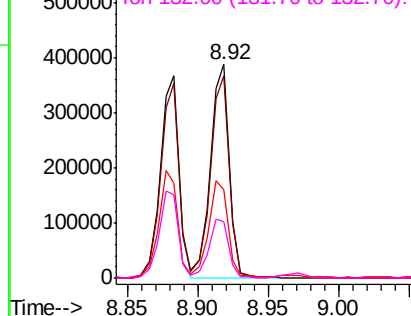
Abundance

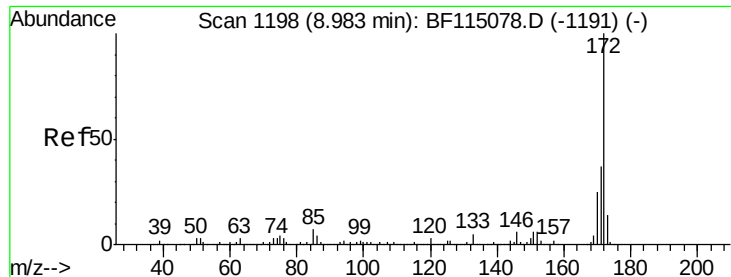
Ion 196.00 (195.70 to 196.70): E

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

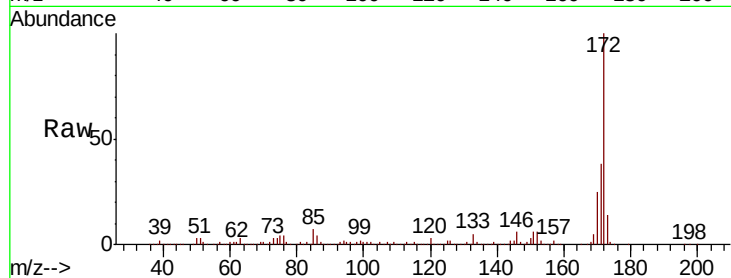




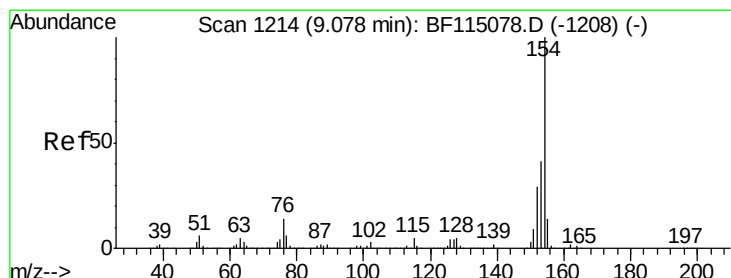
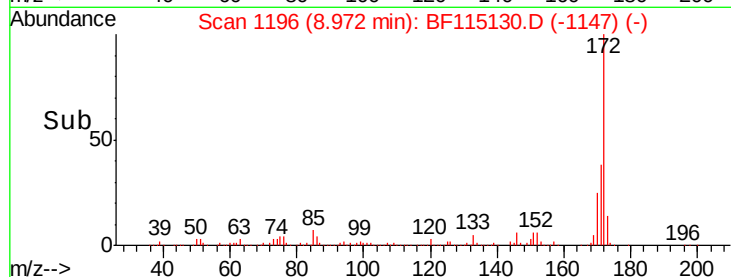
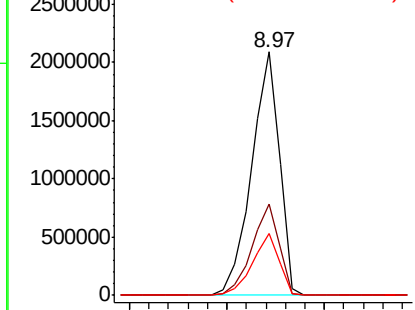
#45
2-Fluorobiphenyl
Concen: 66.720 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:172 Resp: 2061142
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.4 20.3 30.5

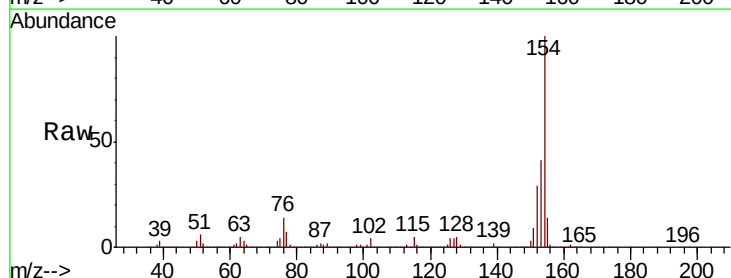


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

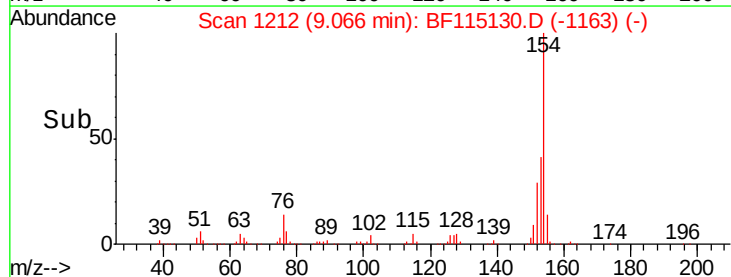
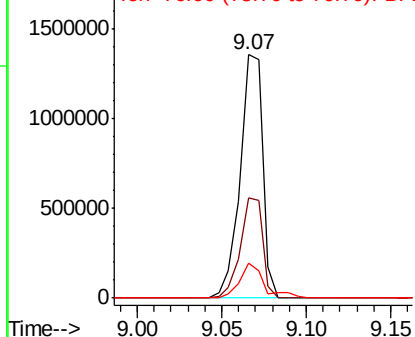


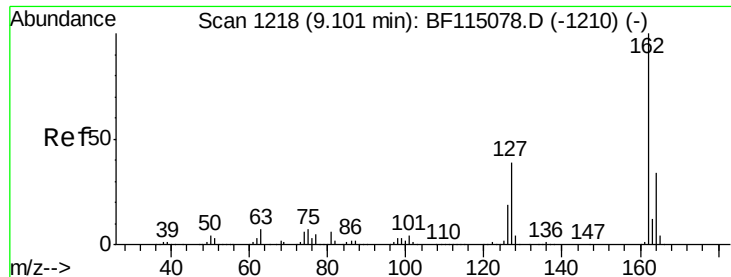
#46
1,1'-Biphenyl
Concen: 30.072 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:154 Resp: 1262644
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 14.2 0.0 34.1



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

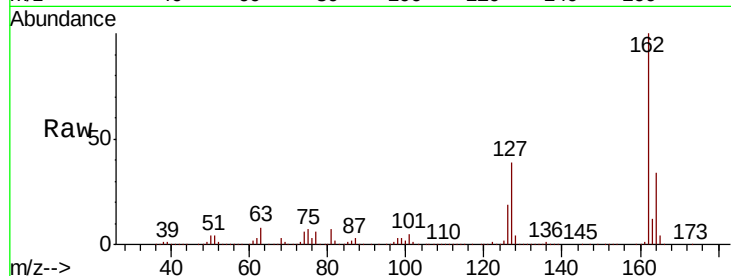




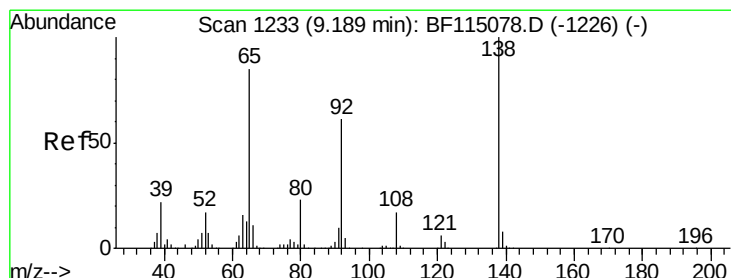
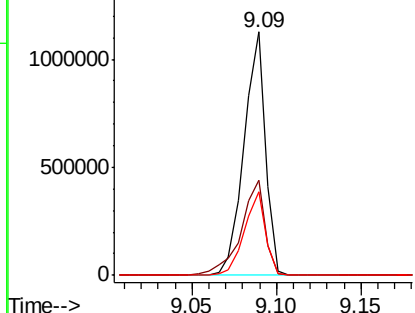
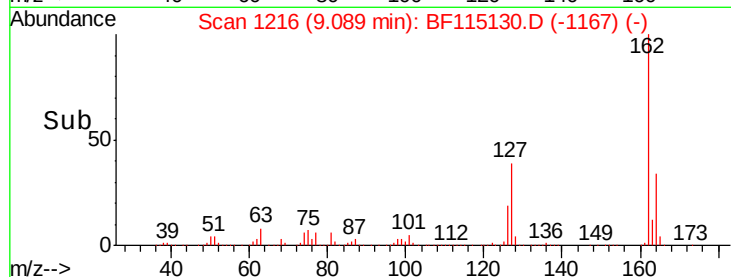
#47
 2-Chloronaphthalene
 Concen: 29.452 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

Tot Ion:162 Resp: 1003080
 Ion Ratio Lower Upper
 162 100
 127 39.3 30.8 46.2
 164 34.1 27.0 40.4

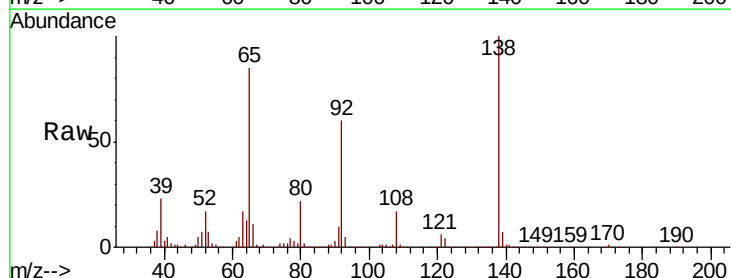


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

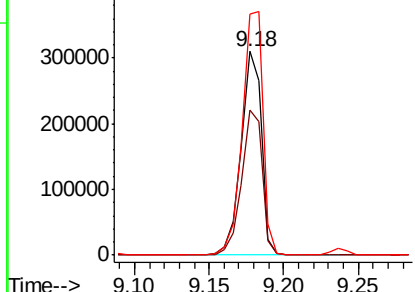
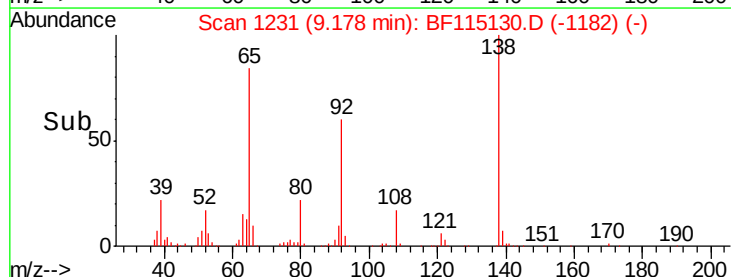


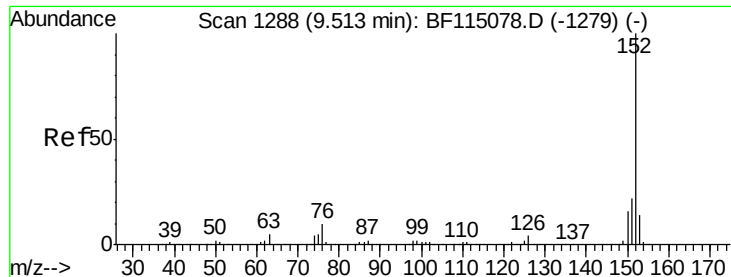
#48
 2-Nitroaniline
 Concen: 29.539 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Tgt Ion: 65 Resp: 293303
 Ion Ratio Lower Upper
 65 100
 92 70.9 57.4 86.2
 138 118.3 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: 29.727 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

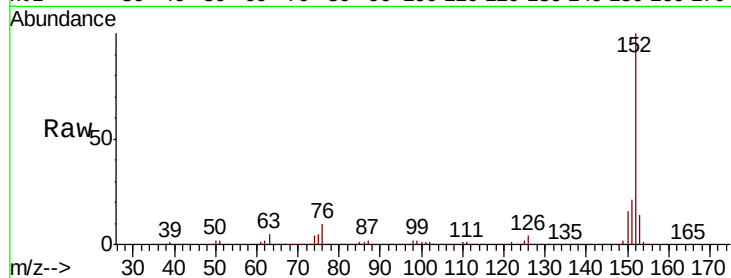
BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion:152 Resp: 1577402

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	14.1	11.0	16.6

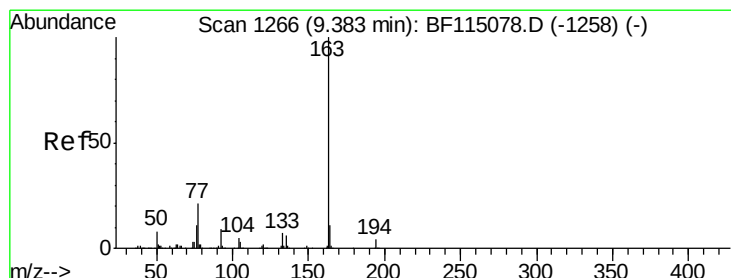
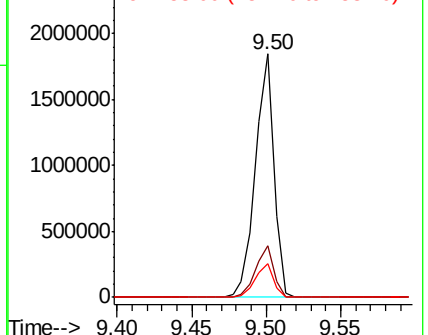
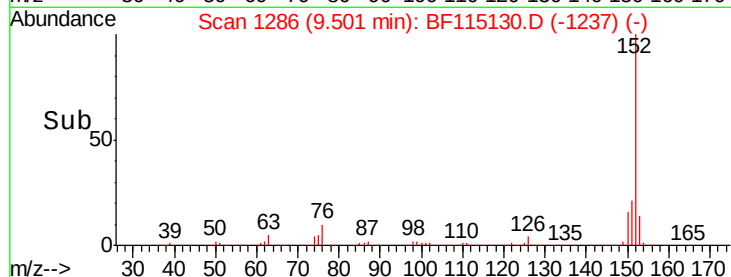


Abundance

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: 42.665 ng

RT: 9.38 min Scan# 1265

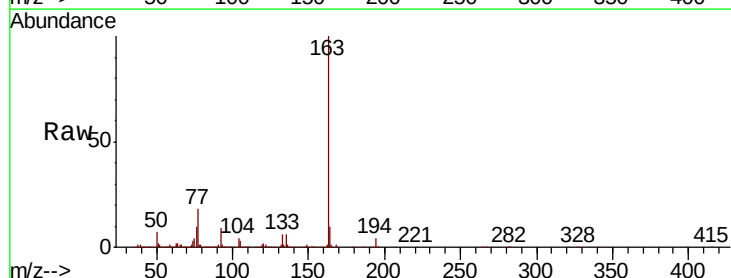
Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Tgt Ion:163 Resp: 1647134

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.3	8.6	13.0

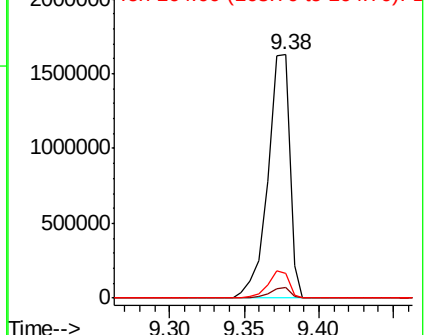
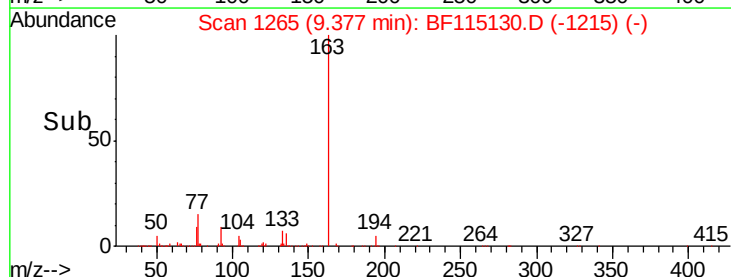


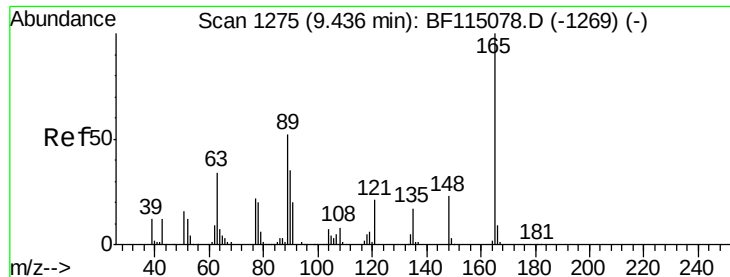
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.760 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

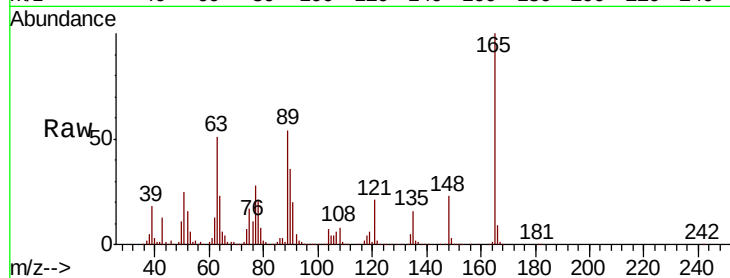
Tot Ion:165 Resp: 265250

Ion Ratio Lower Upper

165 100

63 50.9 39.4 59.2

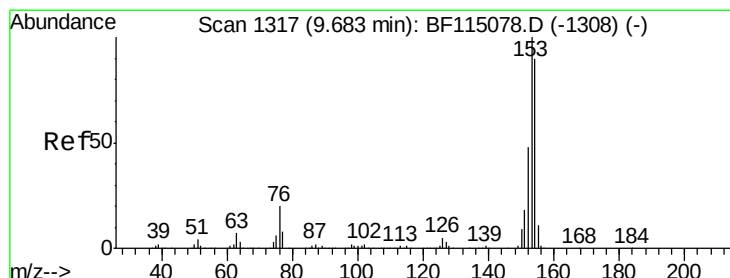
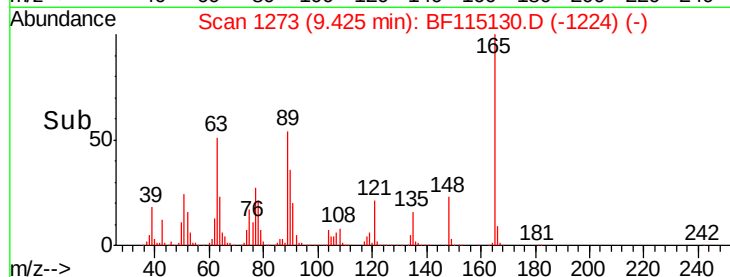
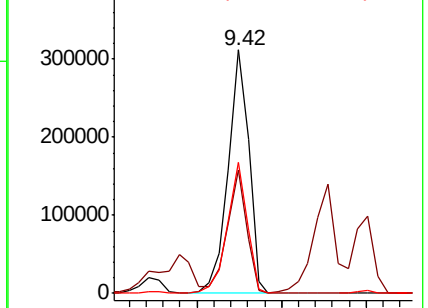
89 54.0 42.0 63.0



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: 29.807 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

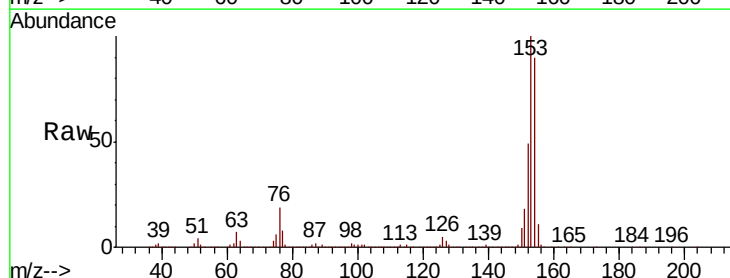
Tgt Ion:154 Resp: 989730

Ion Ratio Lower Upper

154 100

153 111.3 88.7 133.1

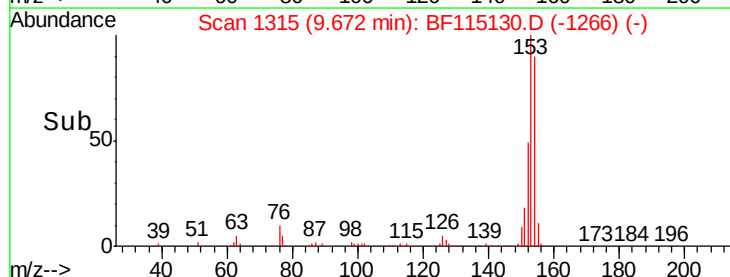
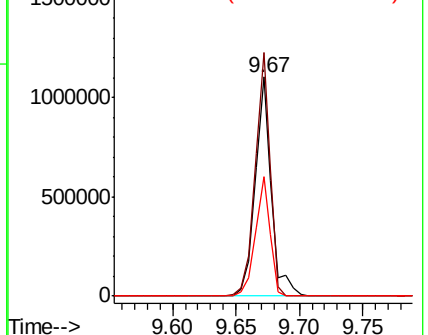
152 54.8 42.6 64.0

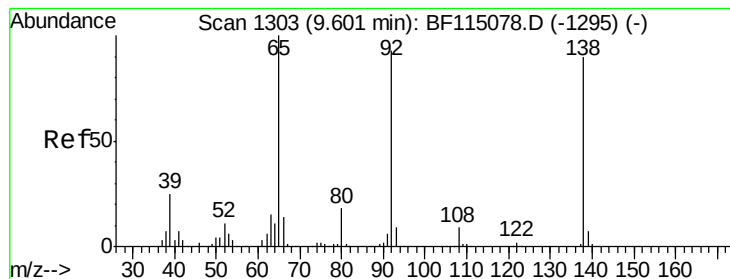


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.542 ng

RT: 9.58 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

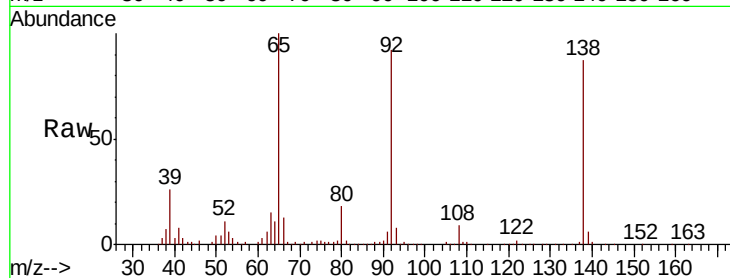
Tot Ion:138 Resp: 158168

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

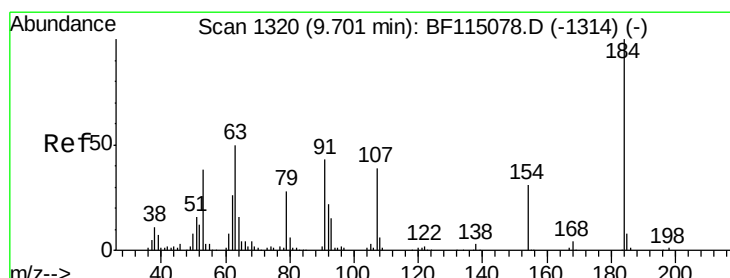
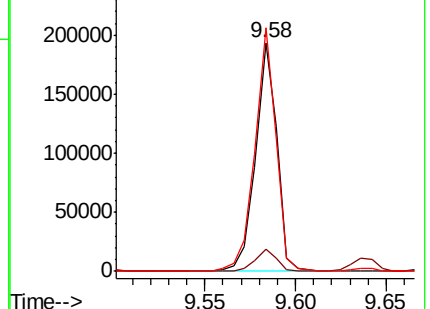
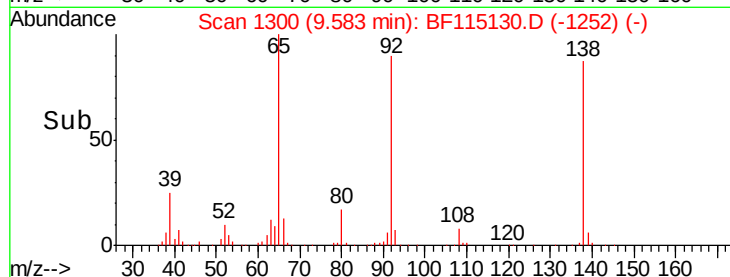
92 106.6 82.9 124.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 32.708 ng

RT: 9.69 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

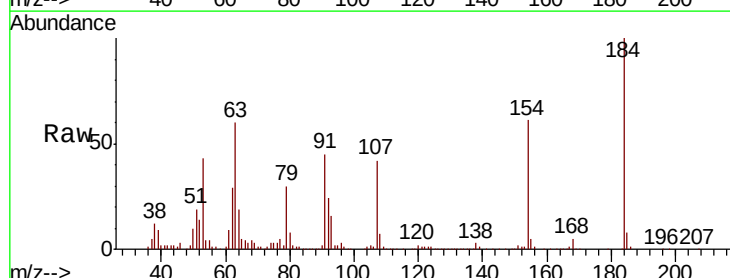
Tgt Ion:184 Resp: 128088

Ion Ratio Lower Upper

184 100

63 59.7 41.9 62.9

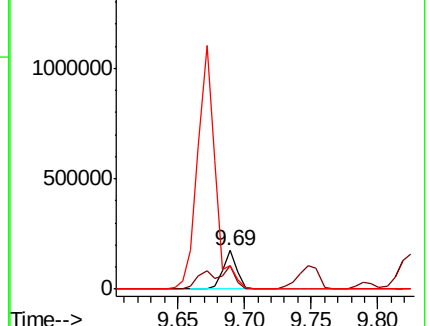
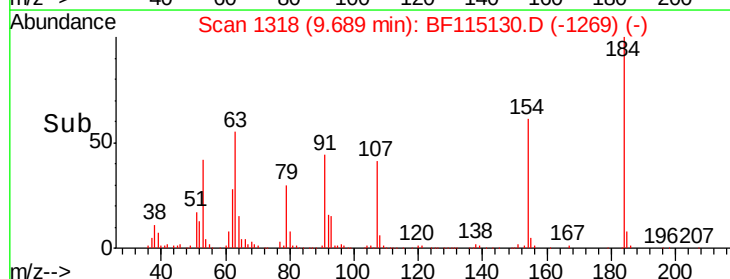
154 61.3 44.7 67.1

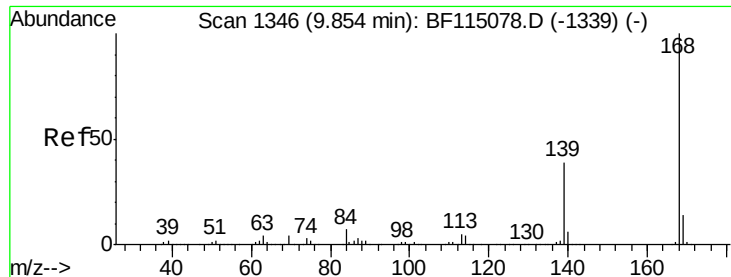


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

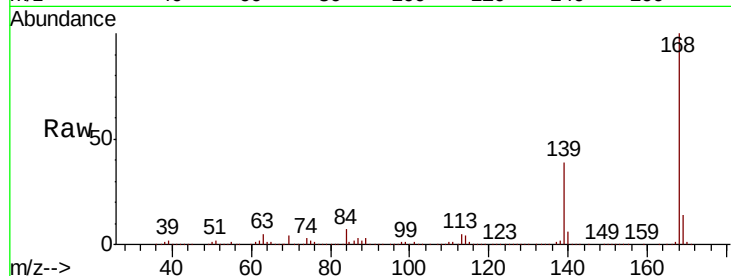




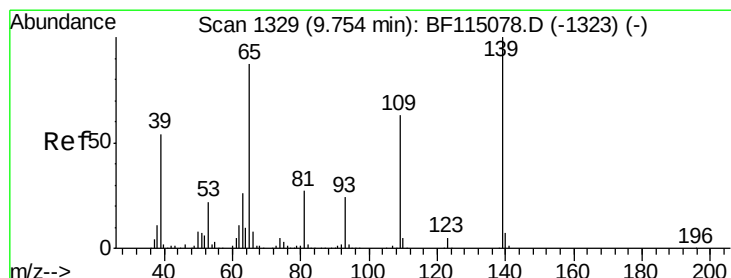
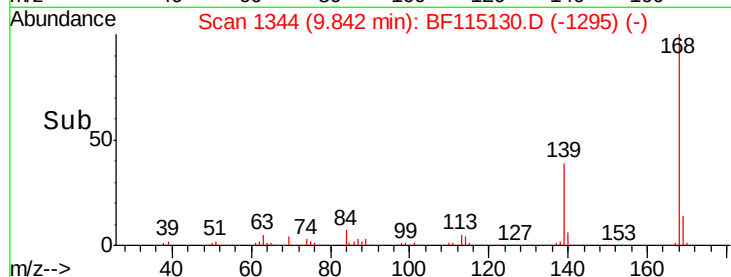
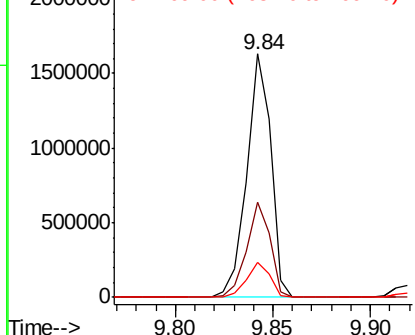
#55
Dibenzofuran
Concen: 29.225 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:168 Resp: 1392780
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.3 11.3 16.9

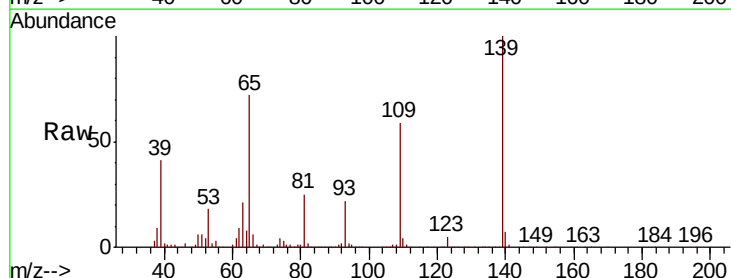


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

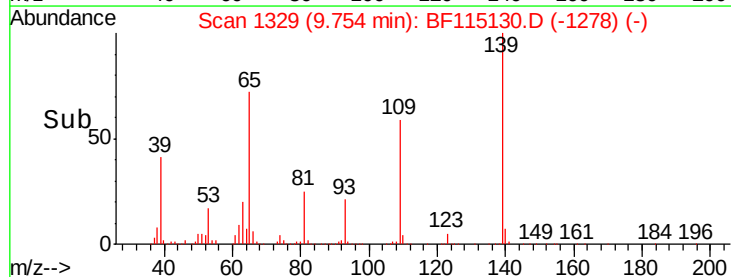
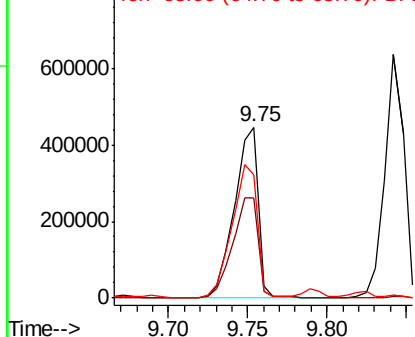


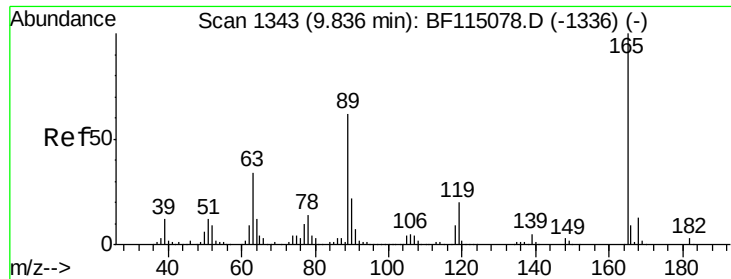
#56
4-Nitrophenol
Concen: 53.314 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:139 Resp: 464894
Ion Ratio Lower Upper
139 100
109 58.7 43.0 83.0
65 72.1 67.0 107.0



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

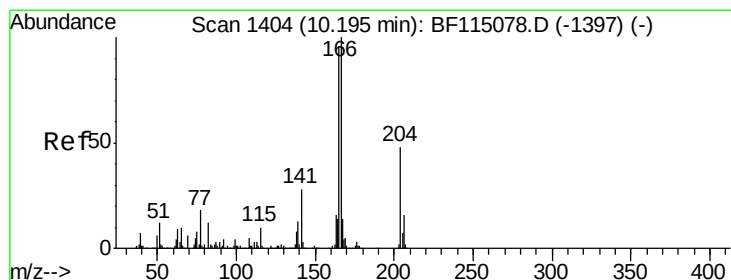
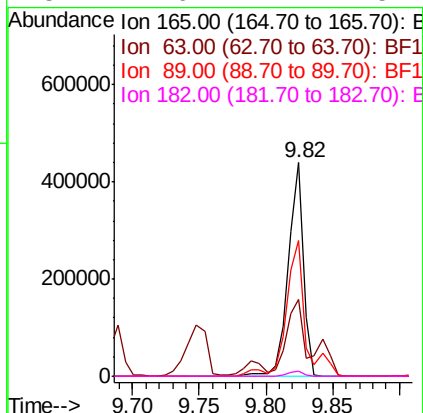
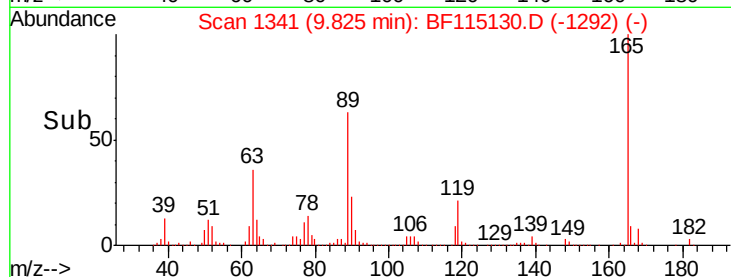
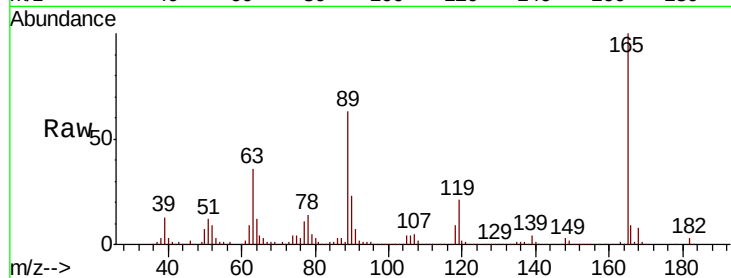




#57
2,4-Dinitrotoluene
Concen: 30.887 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

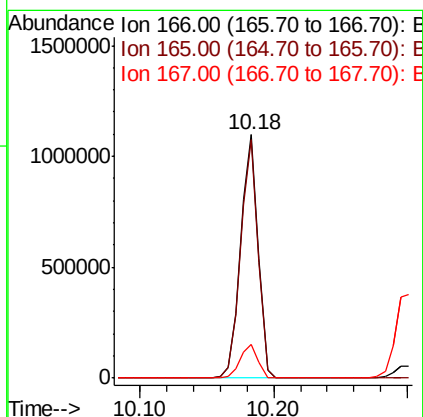
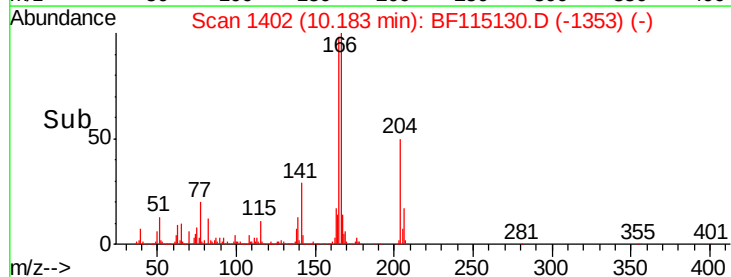
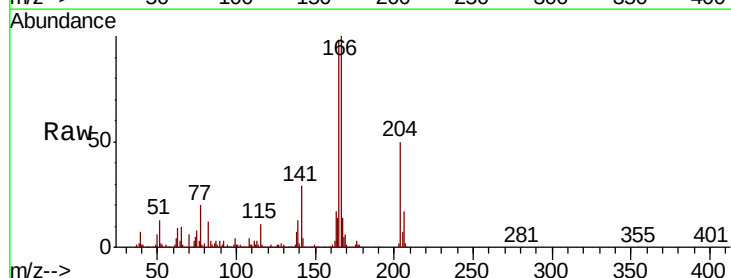
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

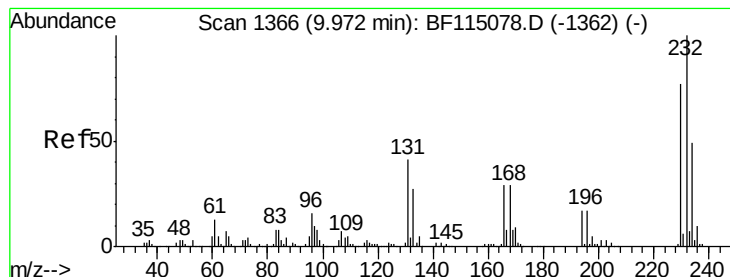
Tot Ion:165	Resp:	355467
Ion Ratio	Lower	Upper
165	100	
63	35.8	27.5 41.3
89	63.3	49.9 74.9
182	2.6	2.1 3.1



#58
Fluorene
Concen: 29.229 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:166	Resp:	1000676
Ion Ratio	Lower	Upper
166	100	
165	97.8	76.5 114.7
167	13.8	11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 28.612 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion:232 Resp: 282846

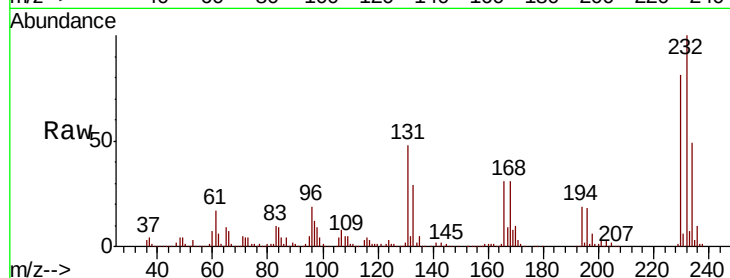
Ion Ratio Lower Upper

232 100

131 46.9 37.4 56.0

130 2.4 1.8 2.6

166 30.7 24.6 36.8

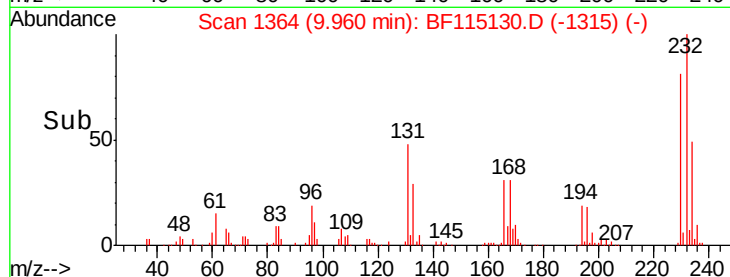


Abundance Ion 232.00 (231.70 to 232.70): E

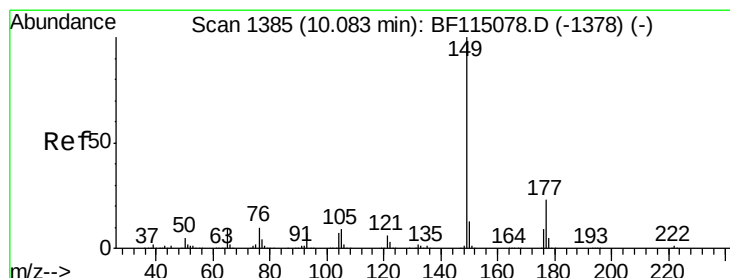
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 29.550 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

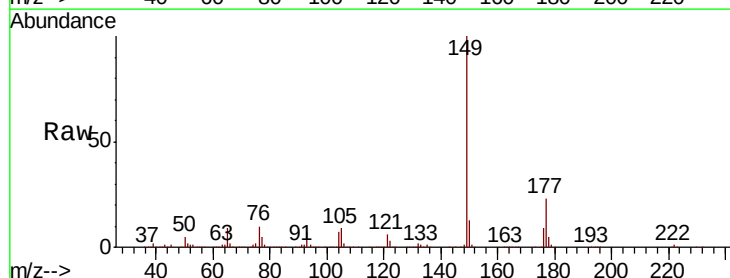
Tgt Ion:149 Resp: 1146741

Ion Ratio Lower Upper

149 100

177 23.0 18.7 28.1

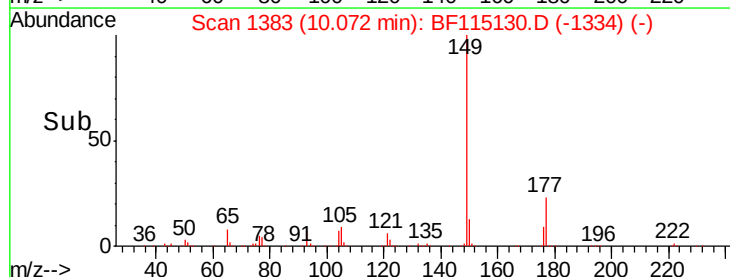
150 13.1 10.4 15.6



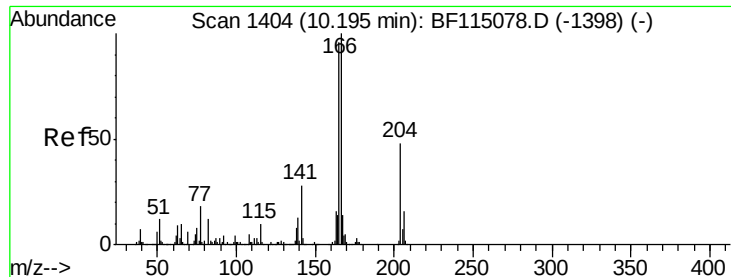
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



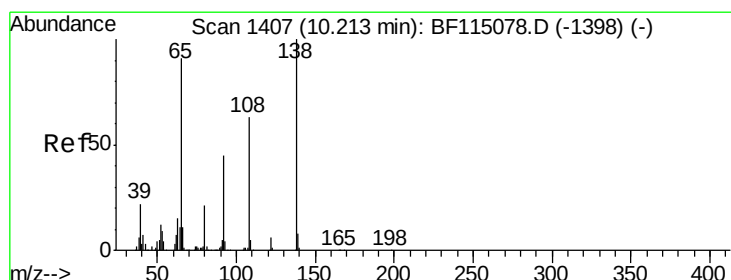
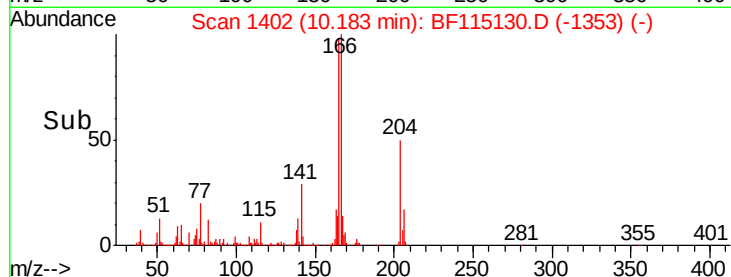
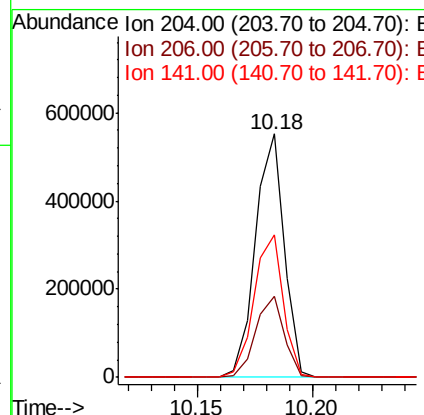
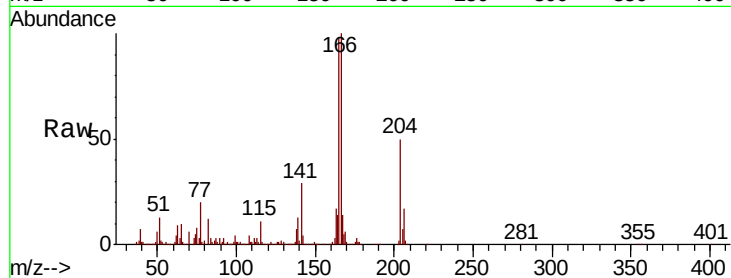
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 29.706 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

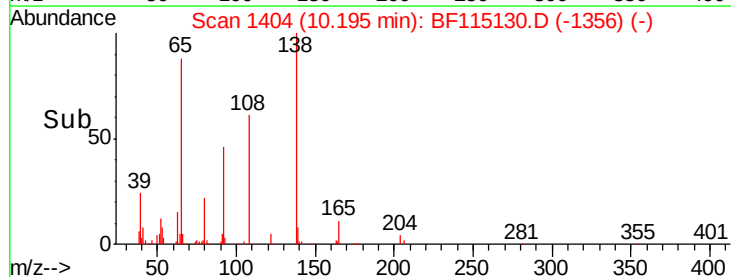
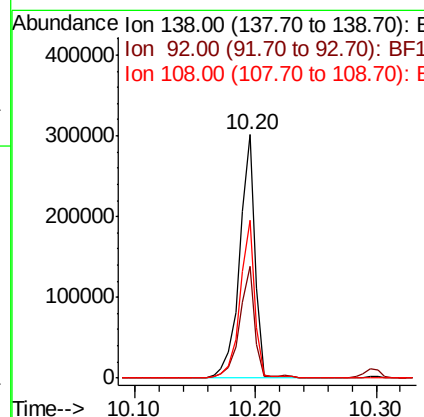
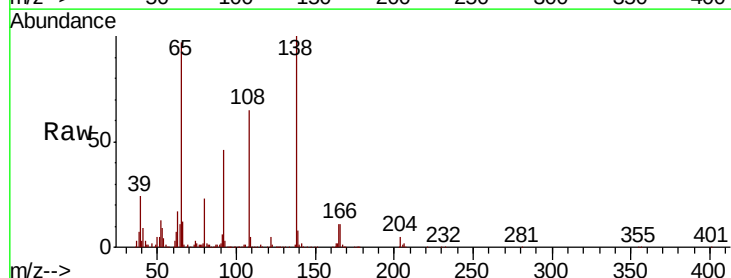
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

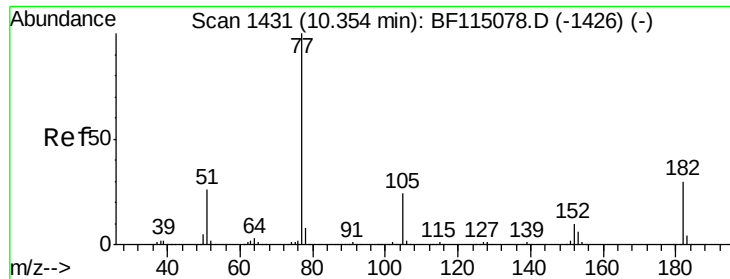
Tot Ion:204 Resp: 482781
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 58.6 46.7 70.1



#62
4-Nitroaniline
Concen: 24.698 ng
RT: 10.20 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:138 Resp: 269495
Ion Ratio Lower Upper
138 100
92 46.0 24.8 64.8
108 65.0 43.3 83.3





#63

Azobenzene

Concen: 29.305 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

Tot Ion: 77 Resp: 1062243

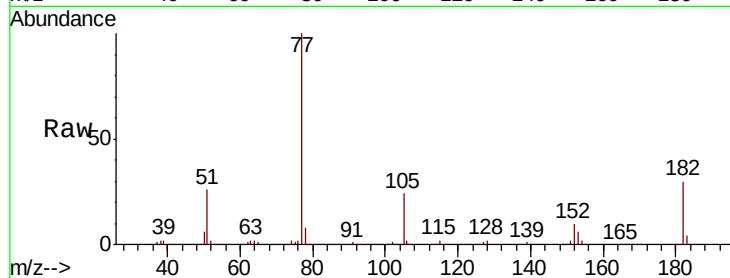
Ion Ratio Lower Upper

77 100

182 30.0 10.1 50.1

105 24.0 4.5 44.5

51 25.9 6.4 46.4

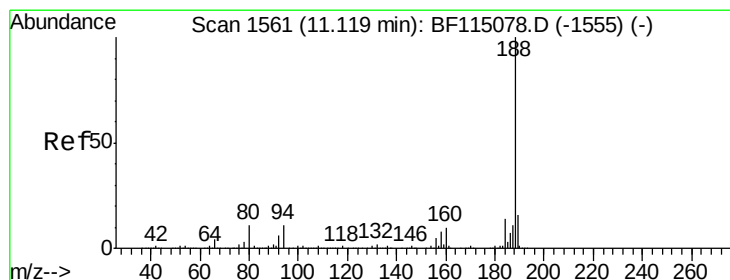
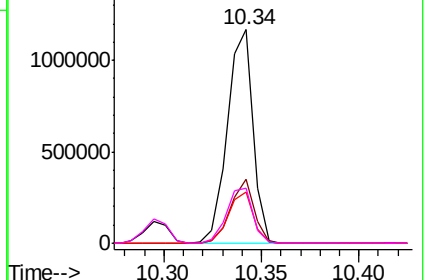
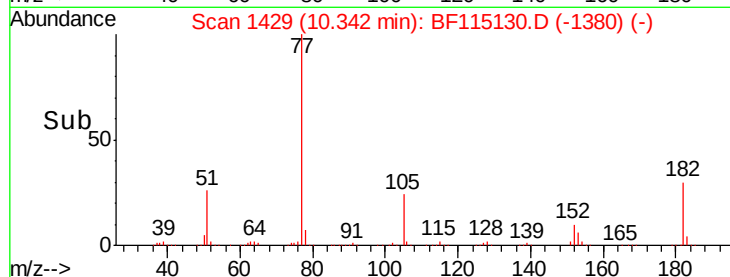


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

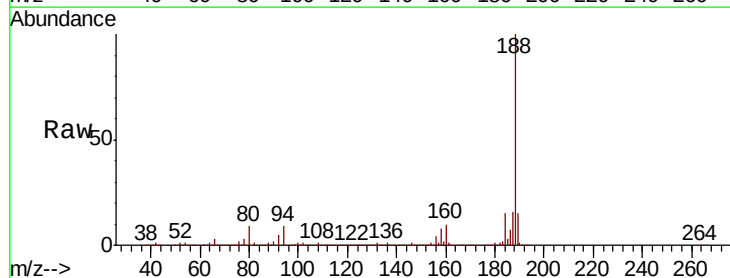
Tgt Ion: 188 Resp: 1009677

Ion Ratio Lower Upper

188 100

94 8.6 8.6 12.8

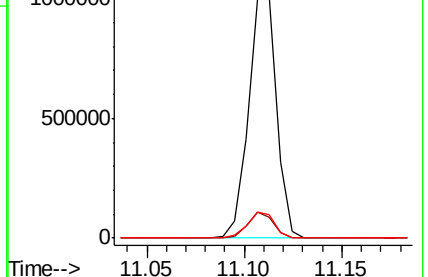
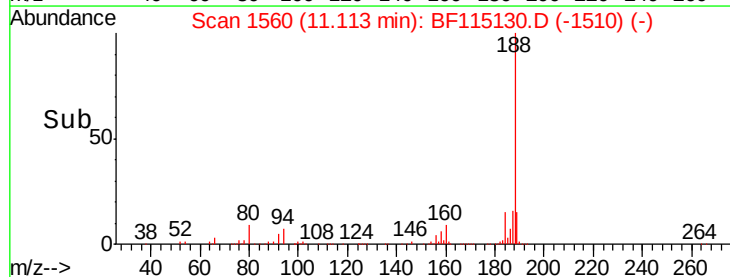
80 9.4 8.8 13.2

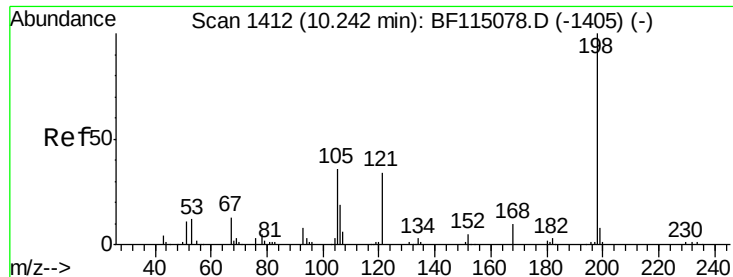


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 23.857 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

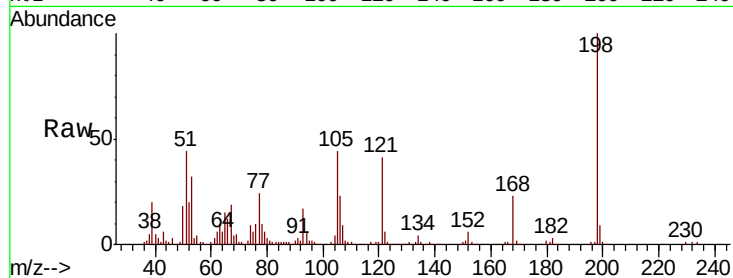
Tot Ion:198 Resp: 113222

Ion Ratio Lower Upper

198 100

51 43.7 11.0 51.0

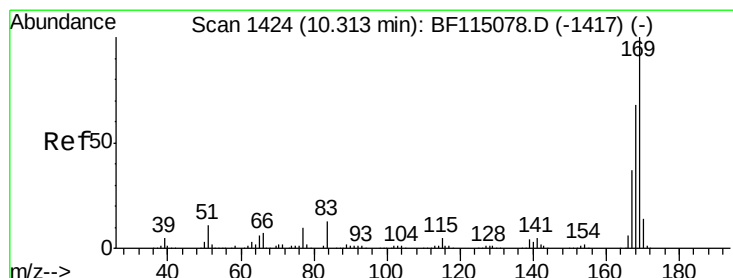
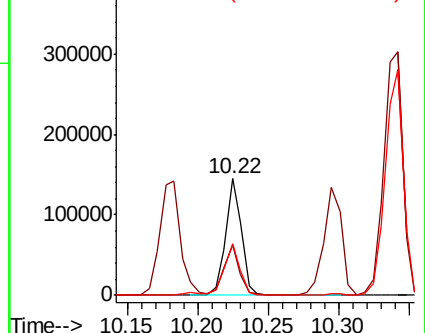
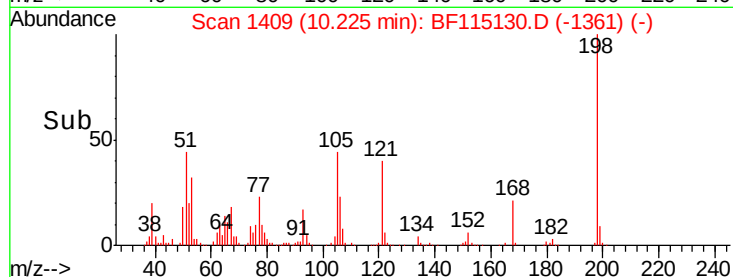
105 44.5 17.3 57.3



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: 30.477 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

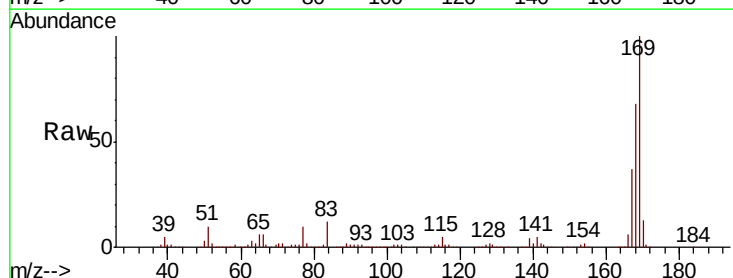
Tgt Ion:169 Resp: 958687

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.4

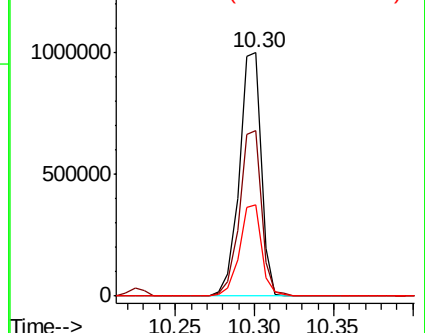
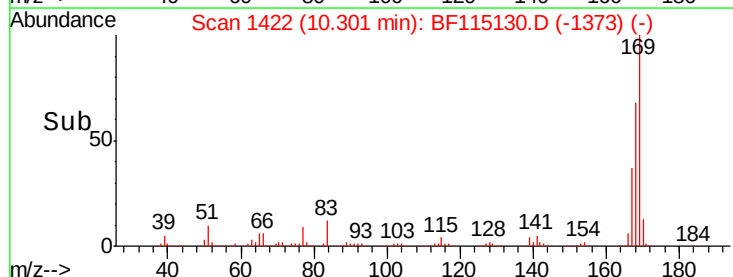
167 37.4 29.4 44.0

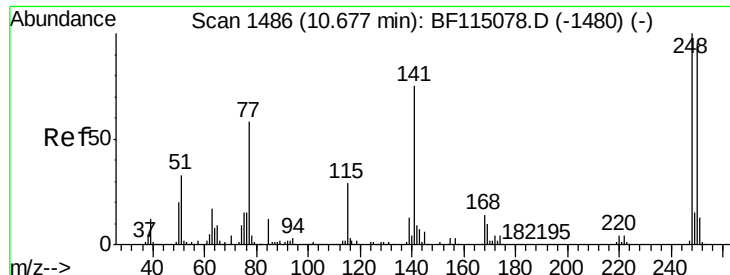


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

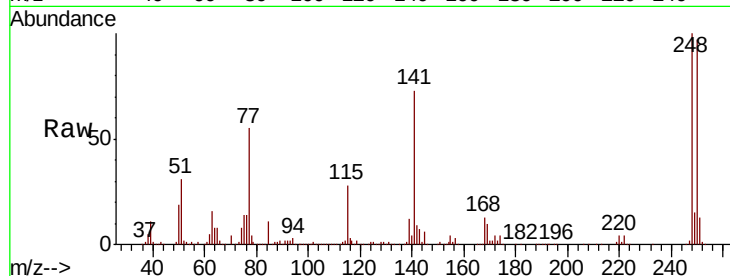




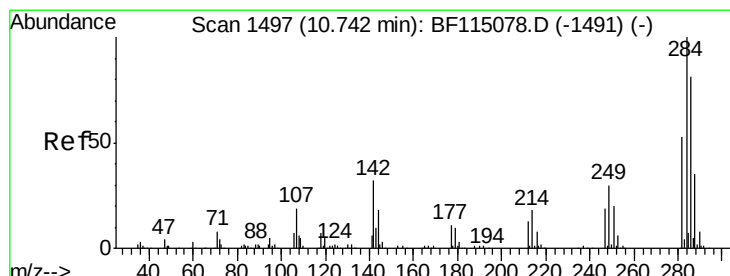
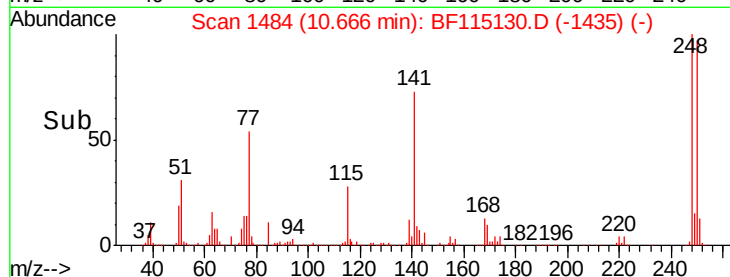
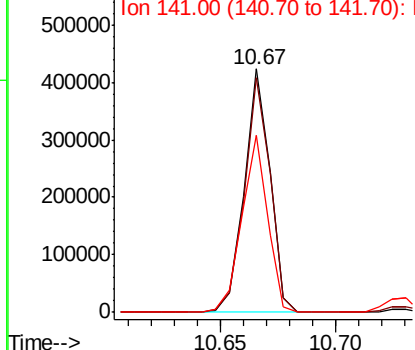
#67
4-Bromophenyl-phenylether
Concen: 30.095 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:248 Resp: 329446
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.2
141 72.5 59.6 89.4

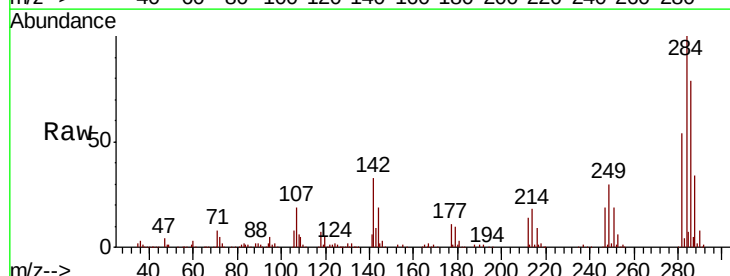


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

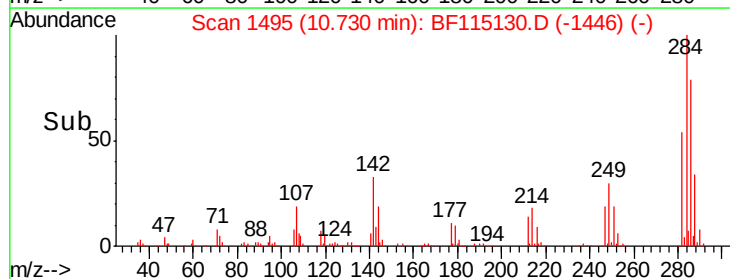
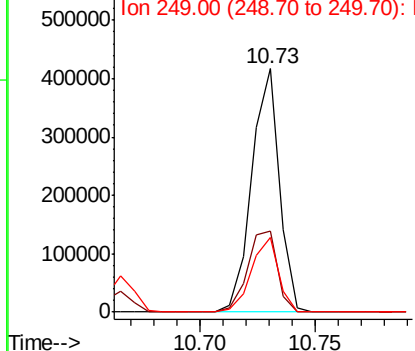


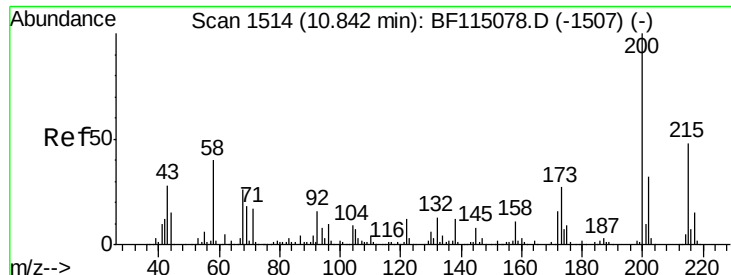
#68
Hexachlorobenzene
Concen: 29.349 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:284 Resp: 348735
Ion Ratio Lower Upper
284 100
142 33.3 25.8 38.8
249 30.4 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

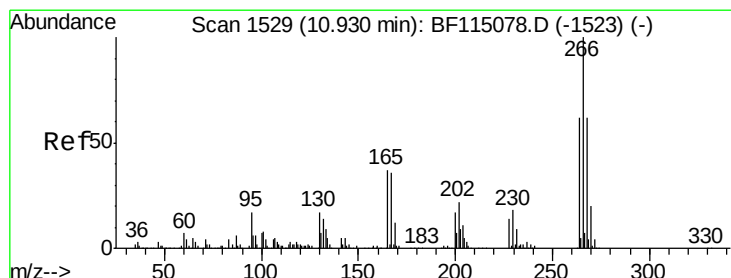
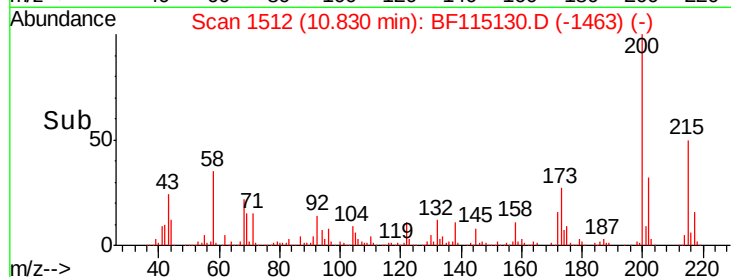
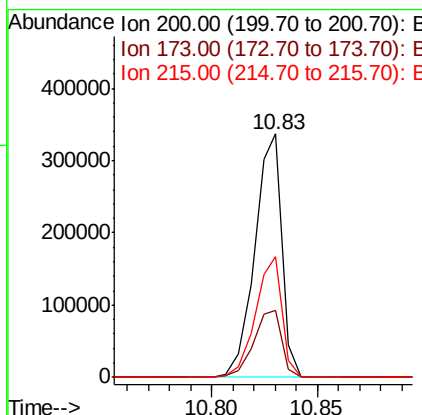
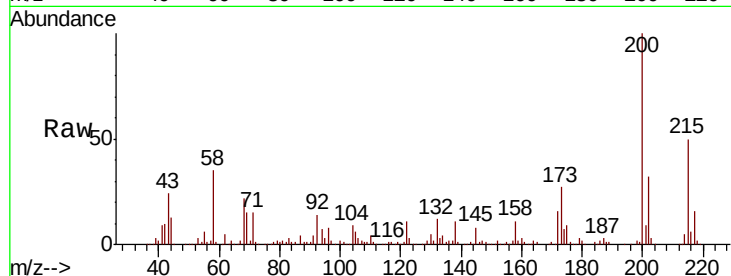




#69
 Atrazine
 Concen: 29.737 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

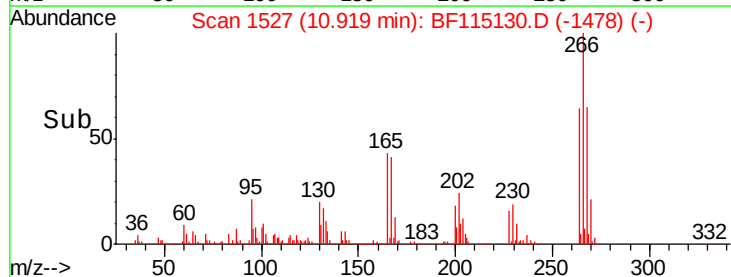
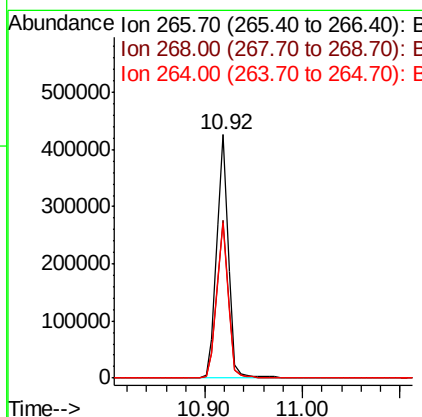
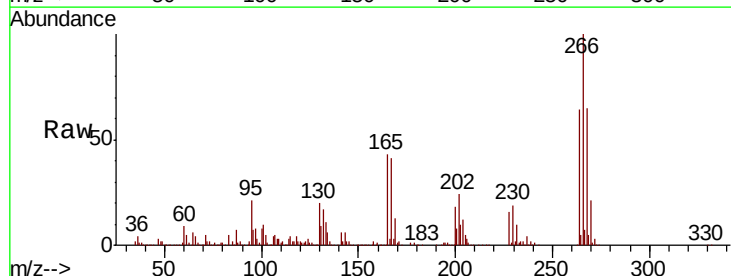
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

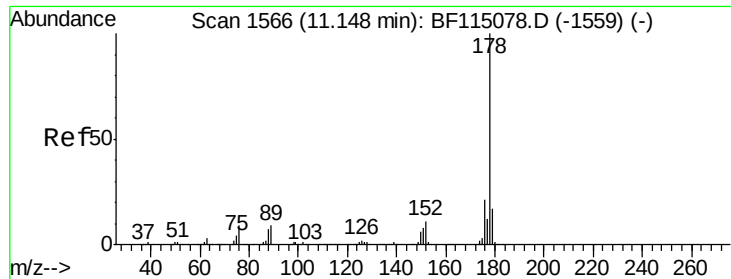
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	49.7	27.8	67.8



#70
 Pentachlorophenol
 Concen: 47.307 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.5	74.3
264	64.0	49.3	73.9





#71

Phenanthrene

Concen: 28.718 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

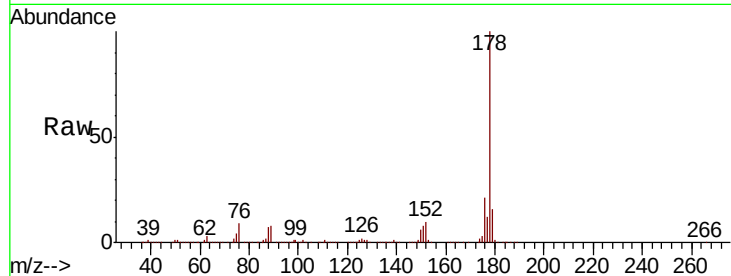
Tot Ion:178 Resp: 1561161

Ion Ratio Lower Upper

178 100

176 20.8 16.9 25.3

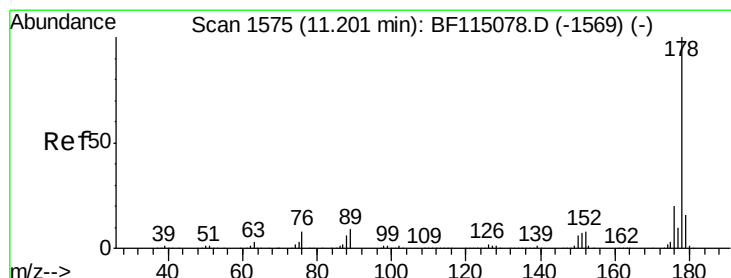
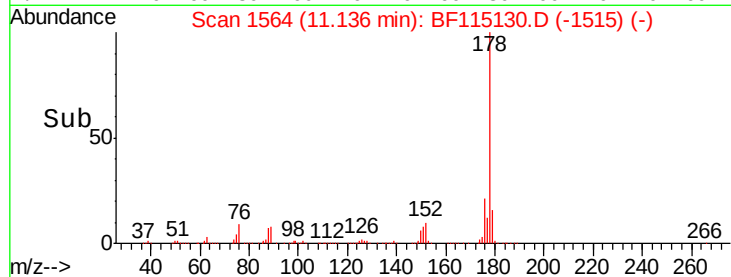
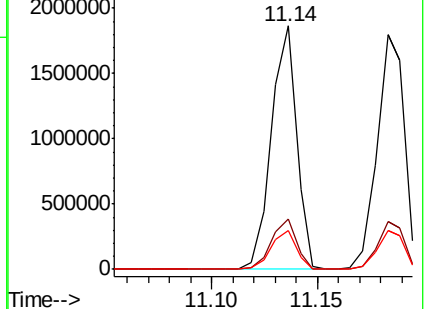
179 16.0 13.2 19.8



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: 29.593 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

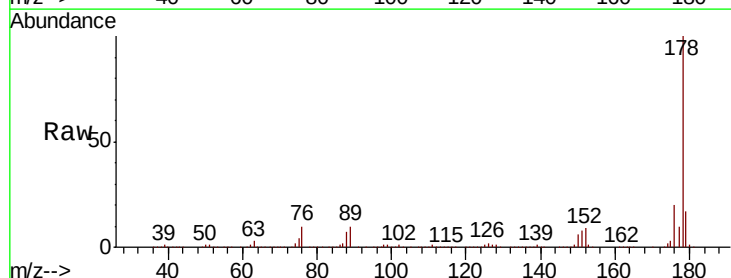
Tgt Ion:178 Resp: 1623923

Ion Ratio Lower Upper

178 100

176 20.3 16.1 24.1

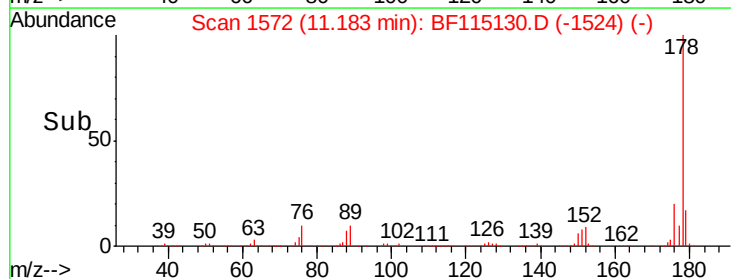
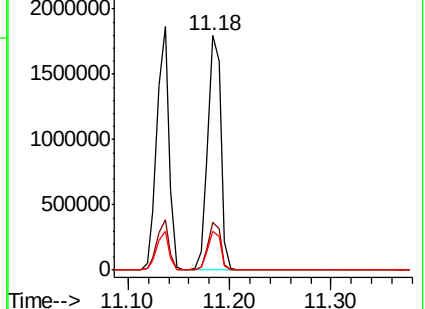
179 16.7 12.9 19.3

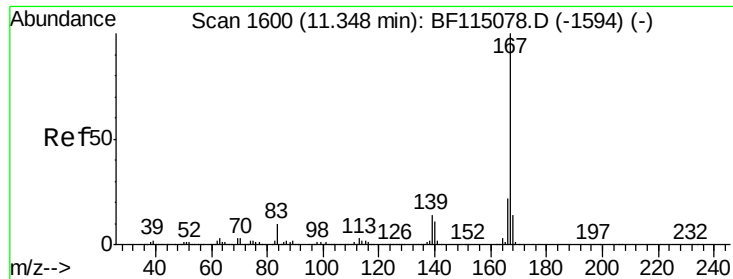


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

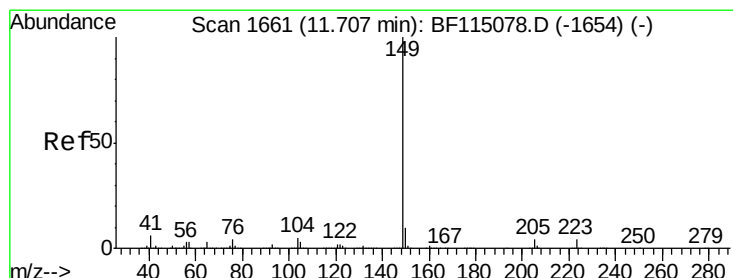
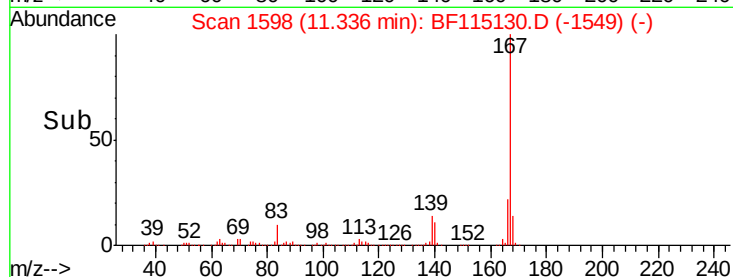
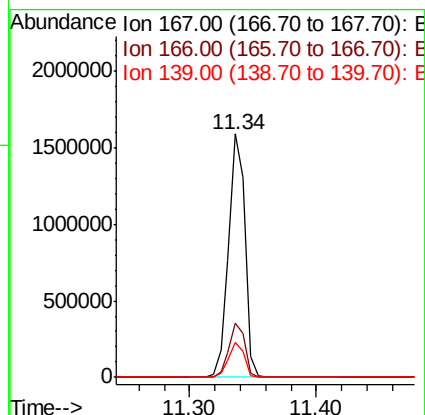
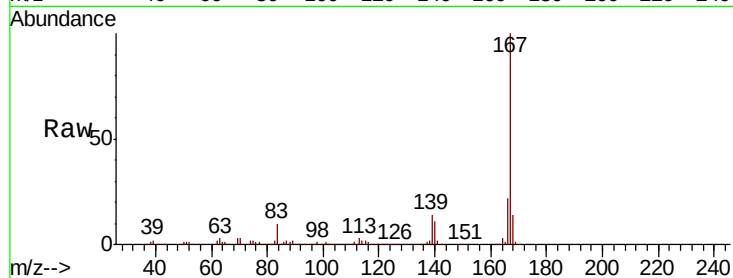




#73
 Carbazole
 Concen: 28.994 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

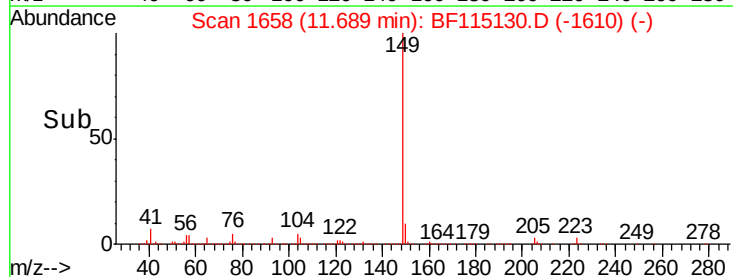
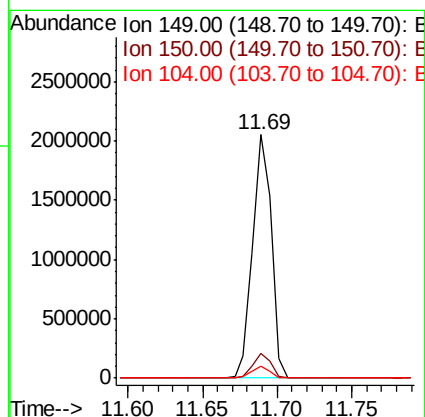
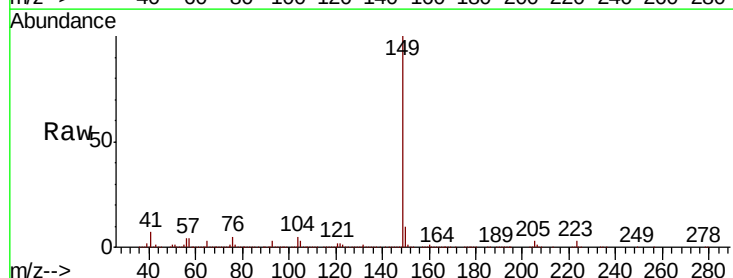
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MSD

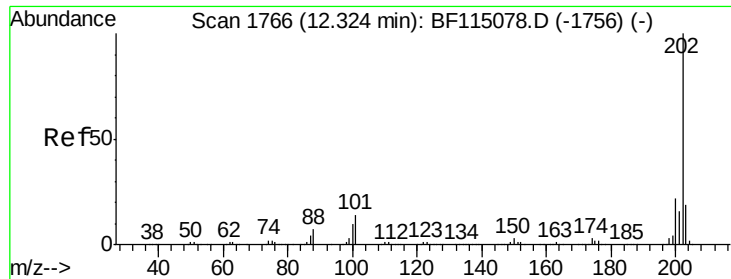
Tot Ion:167 Resp: 1420740
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 31.256 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115130.D
 Acq: 22 Jun 2019 19:30

Tgt Ion:149 Resp: 1769821
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.8 3.7 5.5

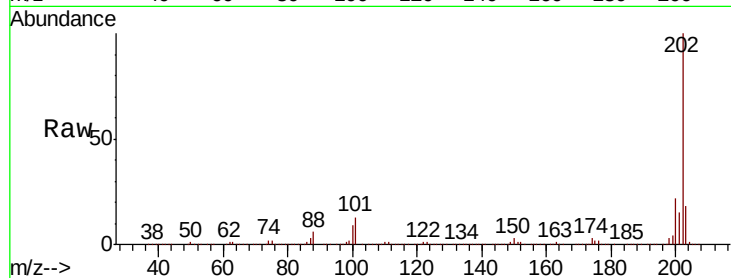




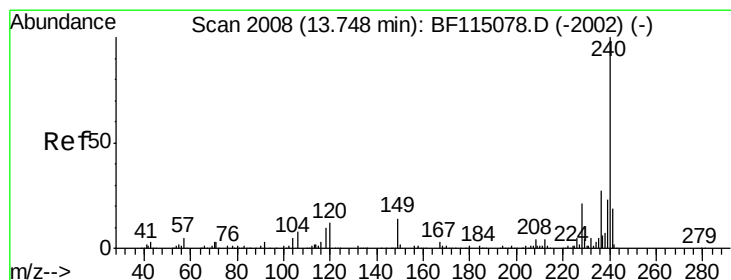
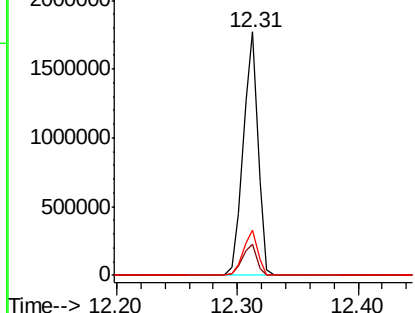
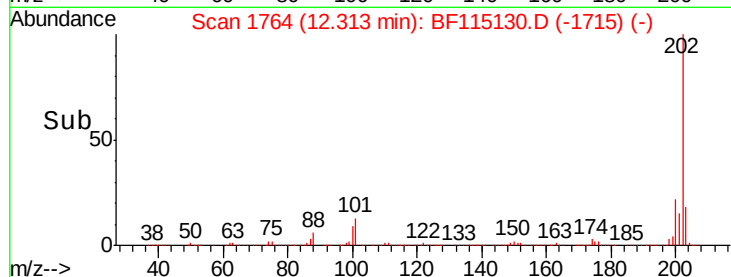
#75
Fluoranthene
Concen: 27.973 ng
RT: 12.31 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:202 Resp: 1517272
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.0
203 18.3 0.0 38.8

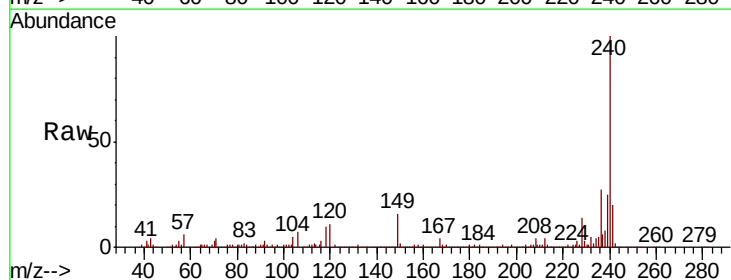


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

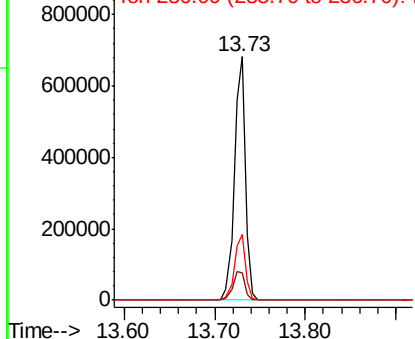
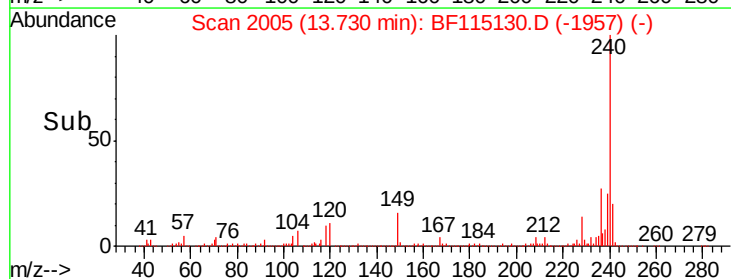


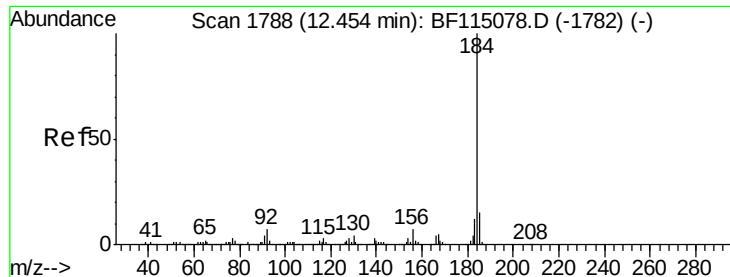
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:240 Resp: 582990
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 26.9 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: 21.039 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

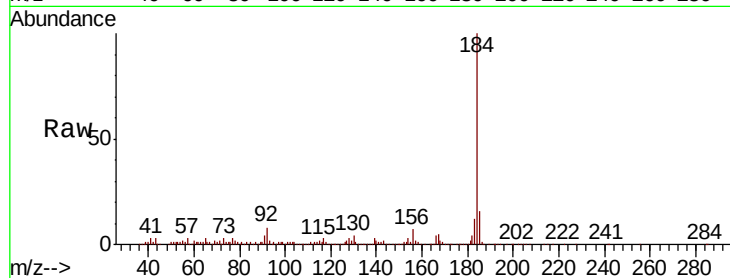
Tot Ion:184 Resp: 544640

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

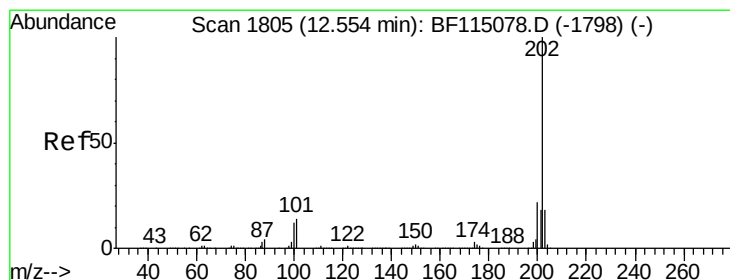
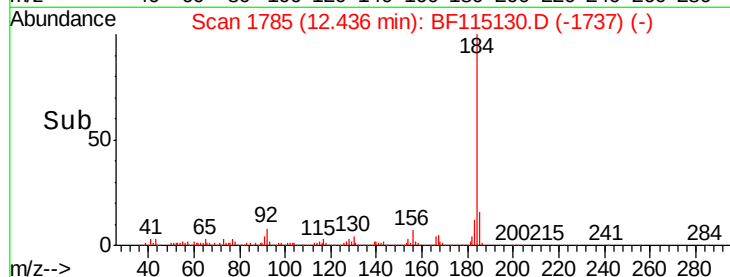
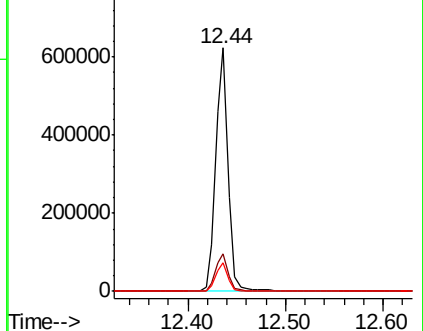
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.617 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

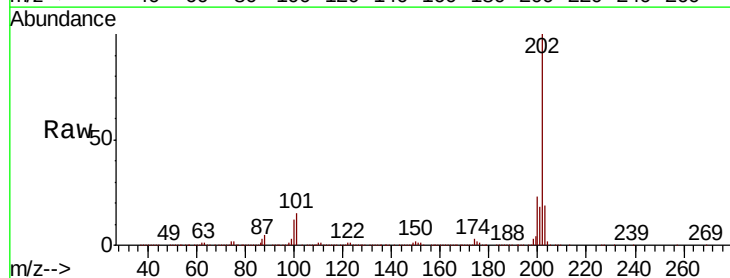
Tgt Ion:202 Resp: 1506134

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

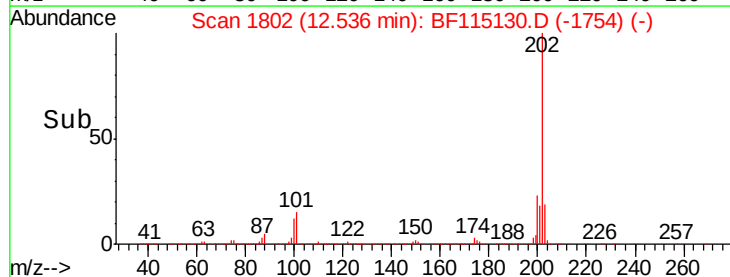
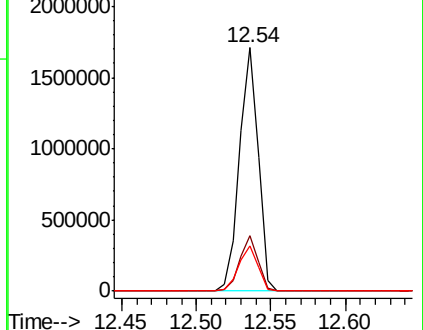
203 18.7 14.6 21.8

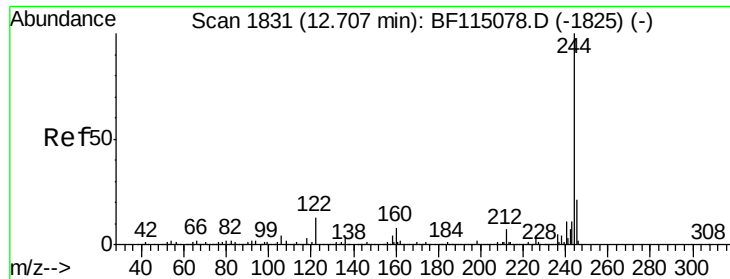


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.339 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

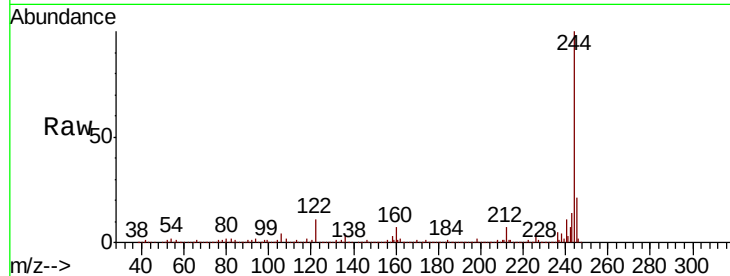
Tot Ion:244 Resp: 2038367

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

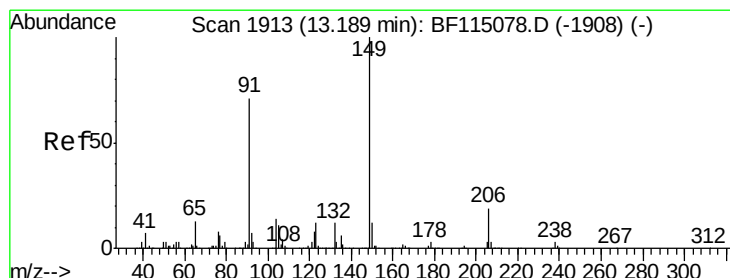
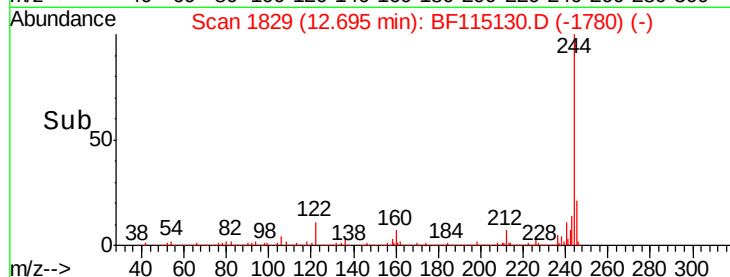
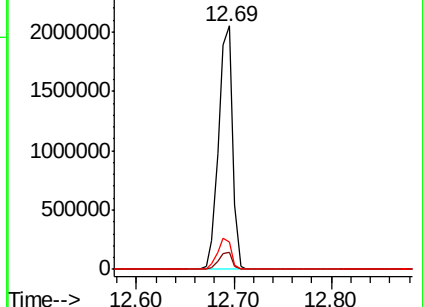
122 11.4 10.4 15.6



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: 35.102 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

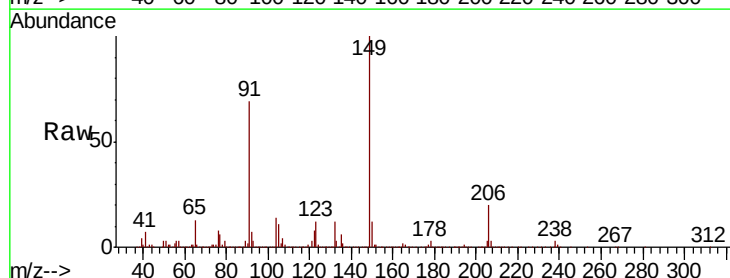
Tgt Ion:149 Resp: 694048

Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

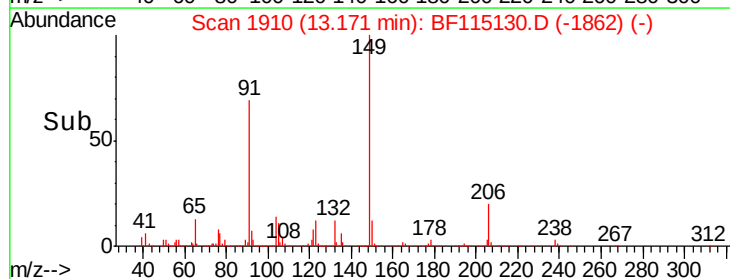
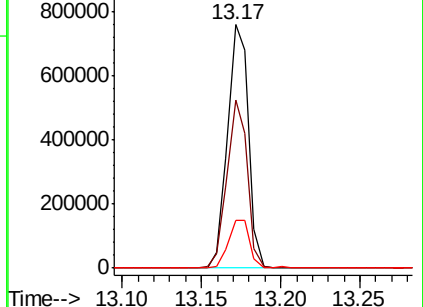
206 19.6 15.3 22.9

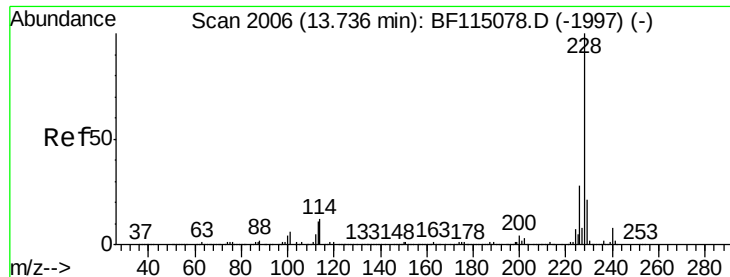


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.114 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

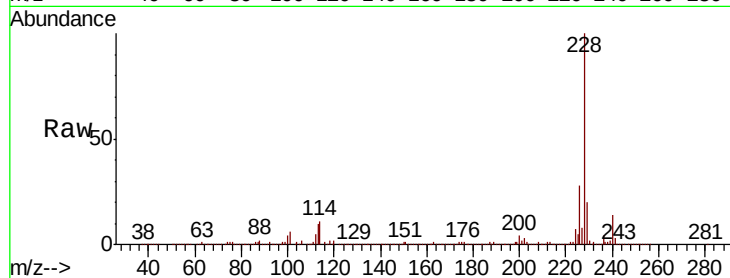
Tot Ion:228 Resp: 1176043

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

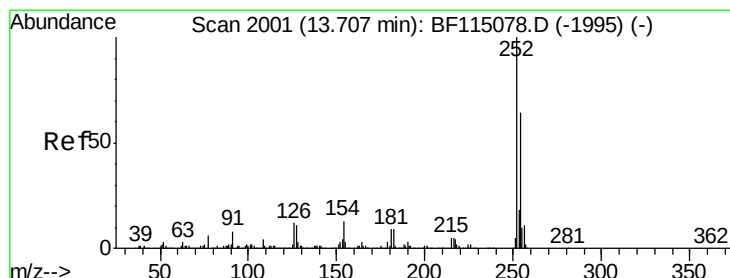
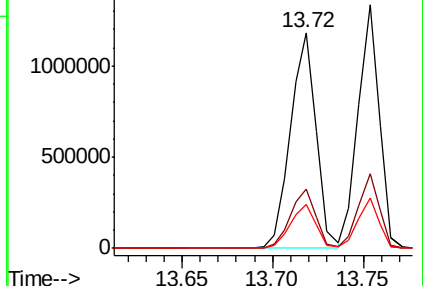
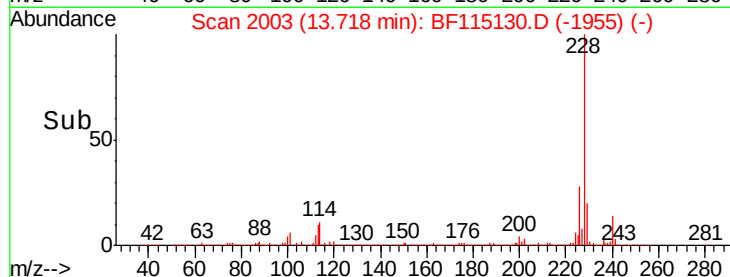
229 20.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.004 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

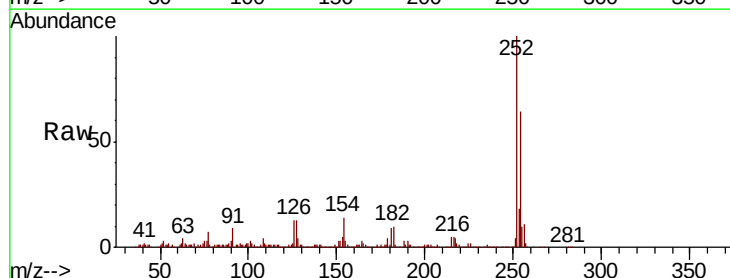
Tgt Ion:252 Resp: 287080

Ion Ratio Lower Upper

252 100

254 64.2 51.1 76.7

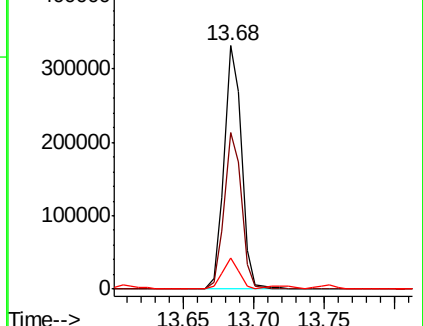
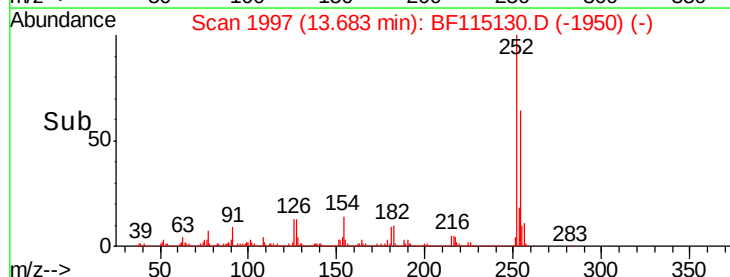
126 13.0 9.4 14.0

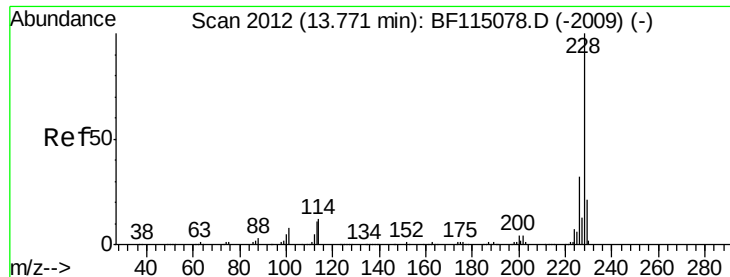


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 28.380 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

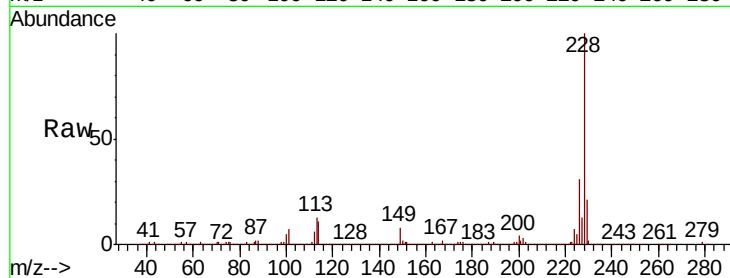
Tot Ion:228 Resp: 1087463

Ion Ratio Lower Upper

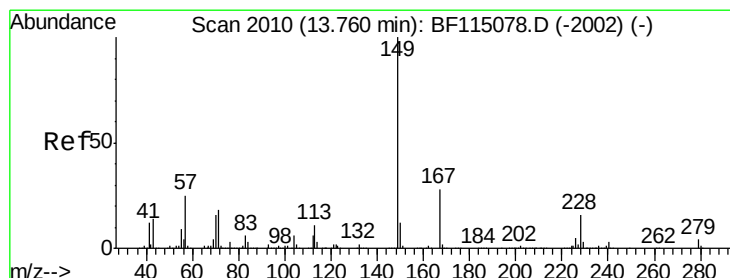
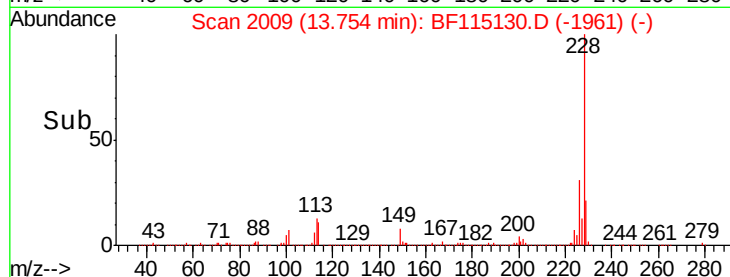
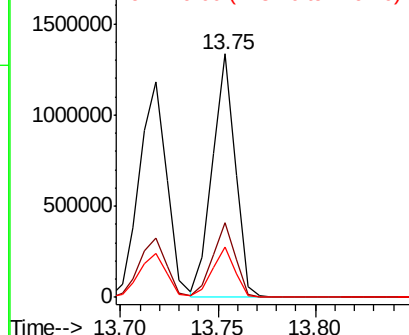
228 100

226 30.6 25.4 38.0

229 20.7 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.176 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

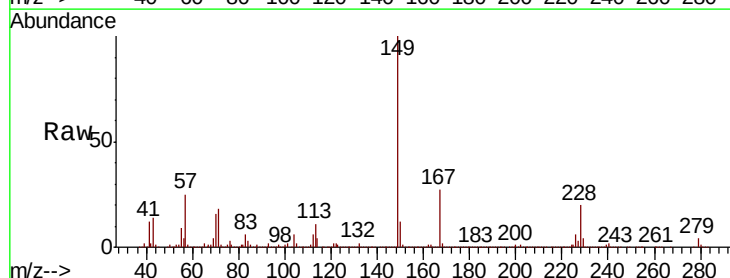
Tgt Ion:149 Resp: 911340

Ion Ratio Lower Upper

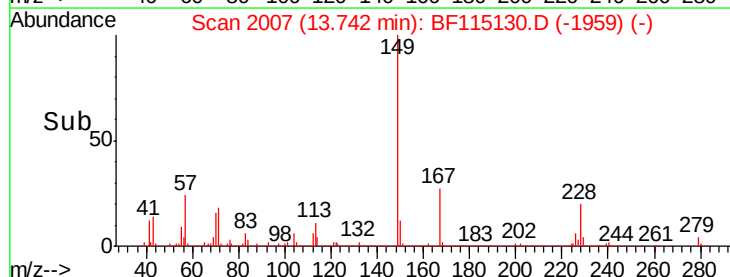
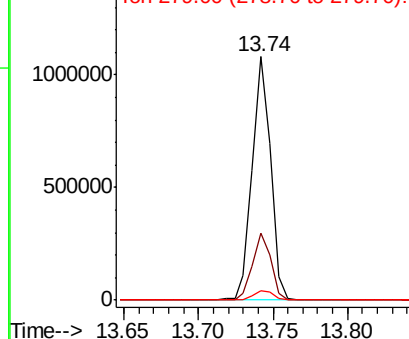
149 100

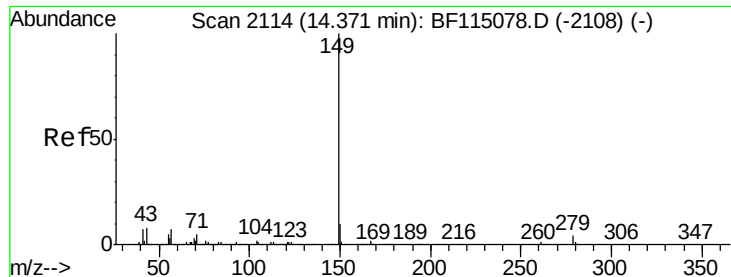
167 27.3 22.2 33.4

279 3.7 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: 32.442 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MSD

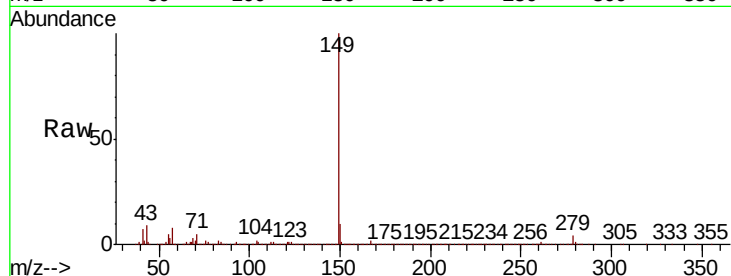
Tot Ion:149 Resp: 1412171

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

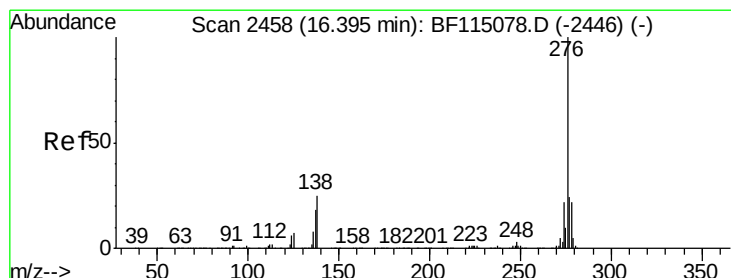
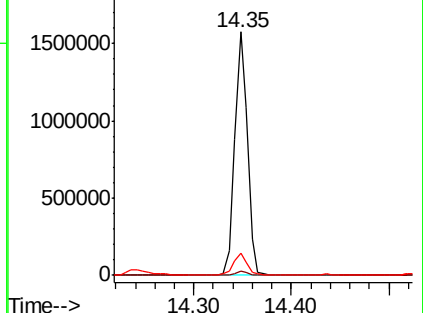
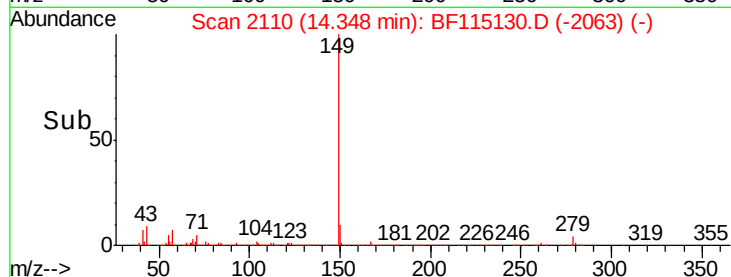
43 8.6 7.0 10.6



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: 24.931 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BF115130.D

Acq: 22 Jun 2019 19:30

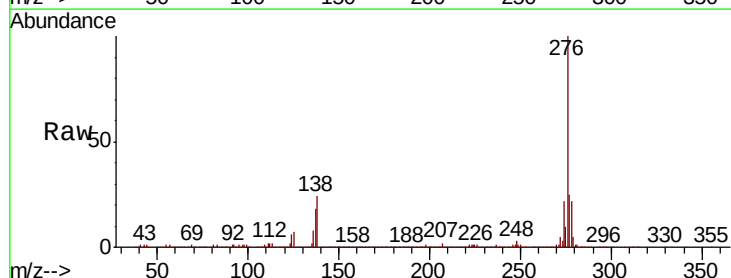
Tgt Ion:276 Resp: 1130424

Ion Ratio Lower Upper

276 100

138 28.5 23.2 34.8

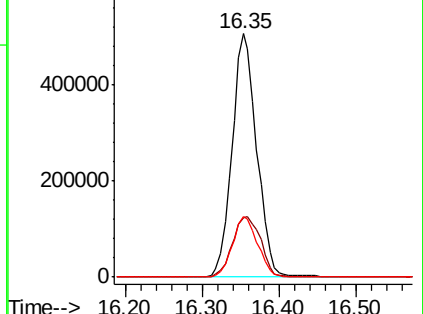
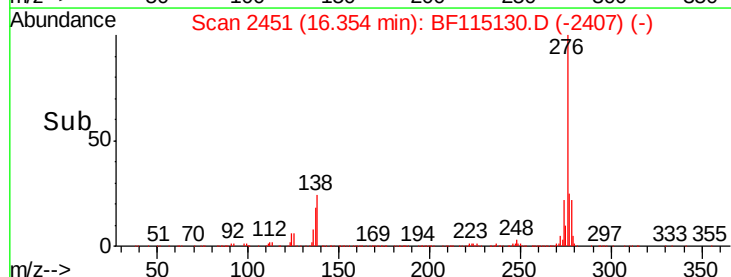
277 25.5 20.1 30.1

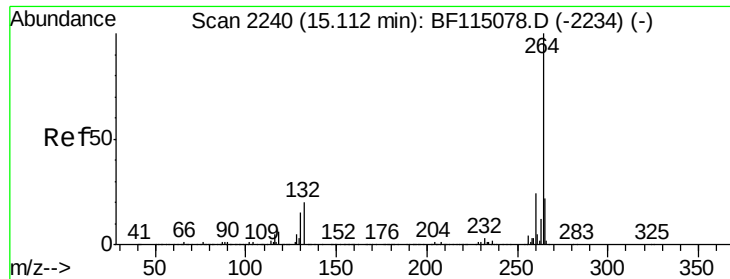


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



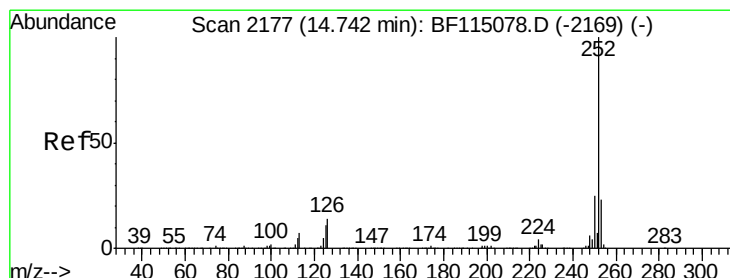
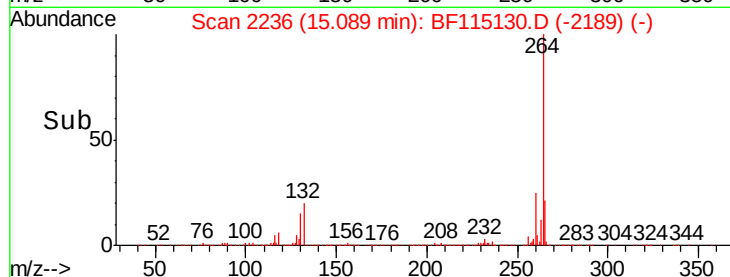
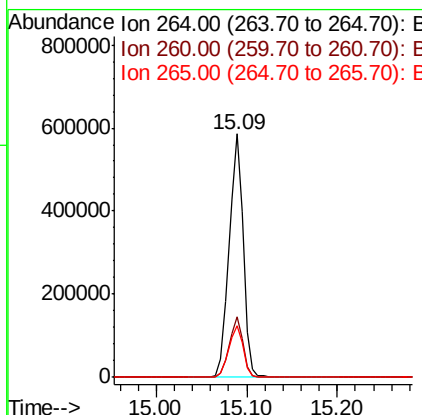
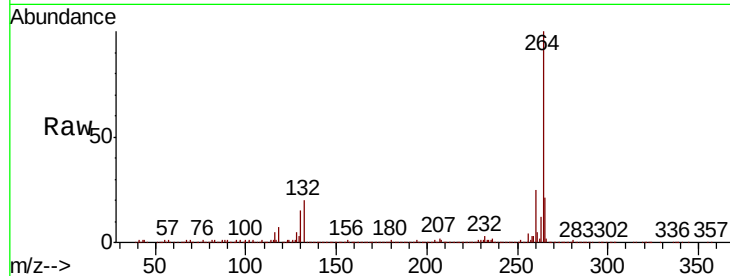


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion:264 Resp: 634087

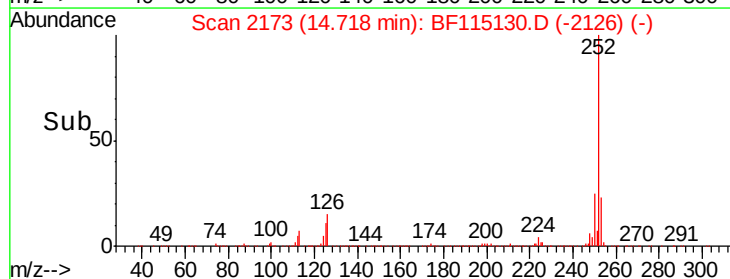
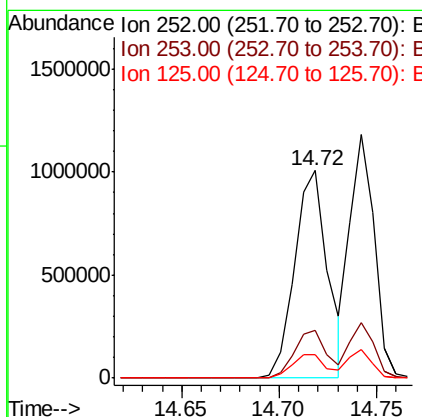
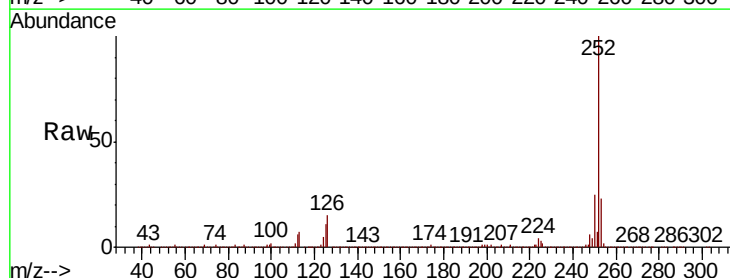
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.4	17.3	25.9

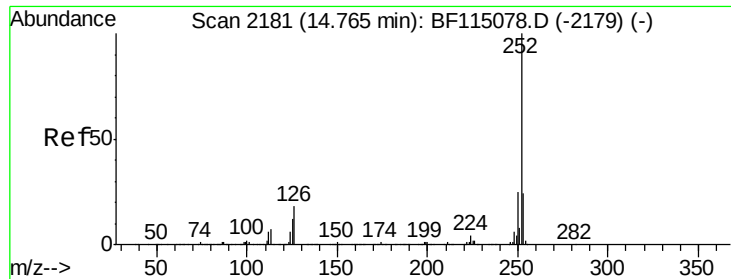


#88
Benzo(b)fluoranthene
Concen: 29.705 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:252 Resp: 1175295

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.0	8.7	13.1

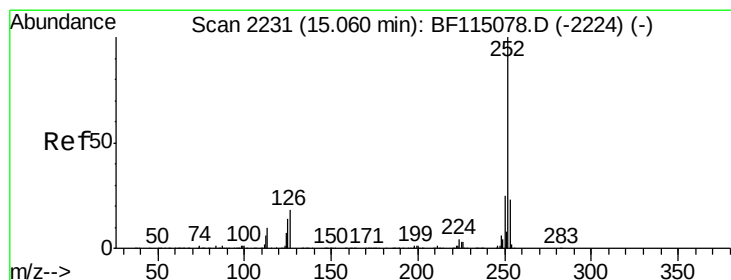
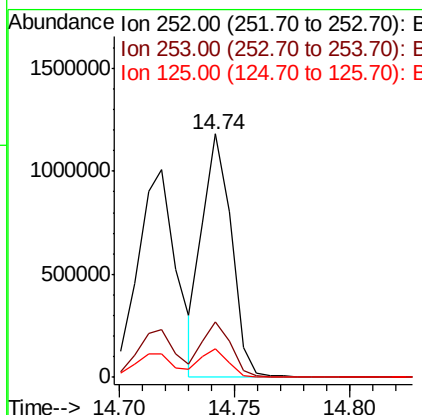
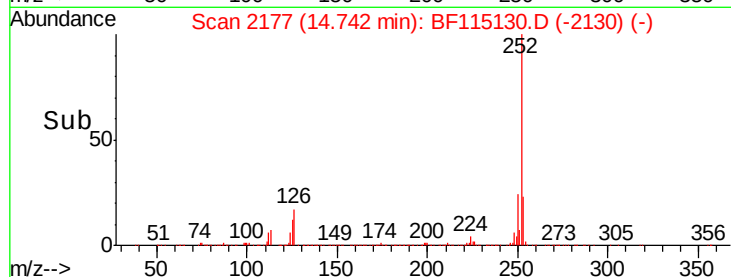
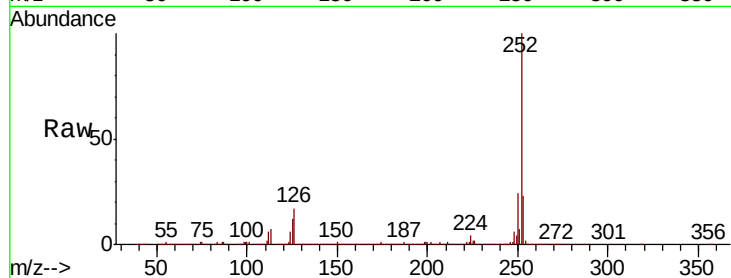




#89
Benzo(k)fluoranthene
Concen: 28.863 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

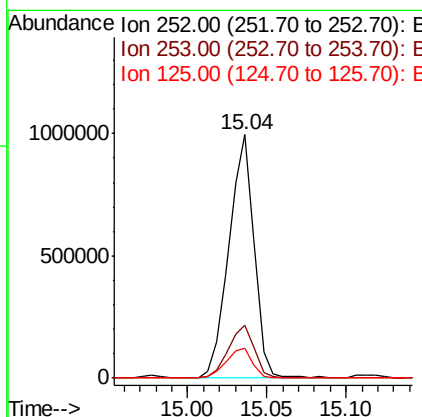
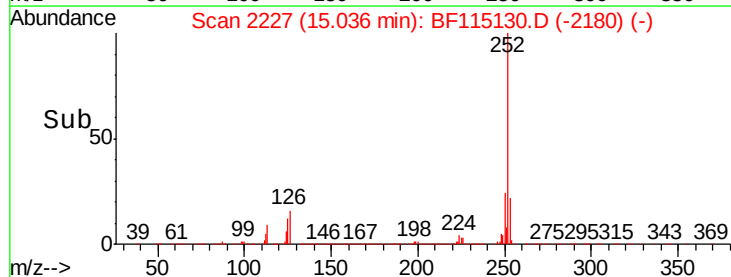
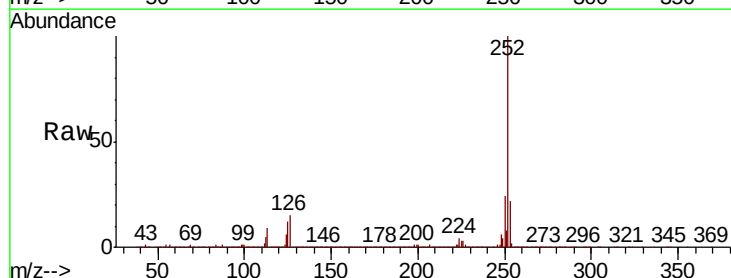
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

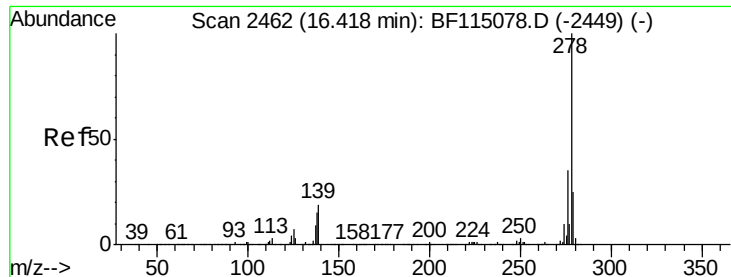
Tot Ion:252 Resp: 1024104
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 12.0 10.2 15.2



#90
Benzo(a)pyrene
Concen: 30.764 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion:252 Resp: 1097077
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 12.1 10.9 16.3

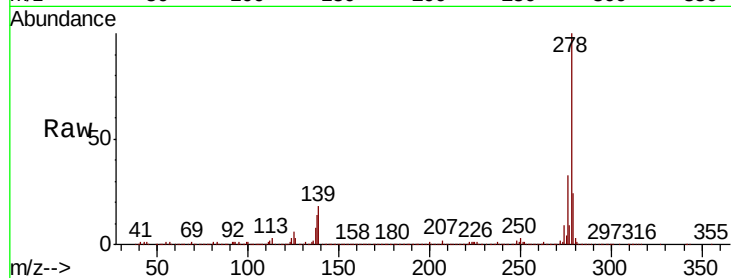




#91
Dibenzo(a,h)anthracene
Concen: 28.632 ng
RT: 16.38 min Scan# 2455
Delta R.T. -0.04 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.4	23.2
279	24.1	19.9	29.9

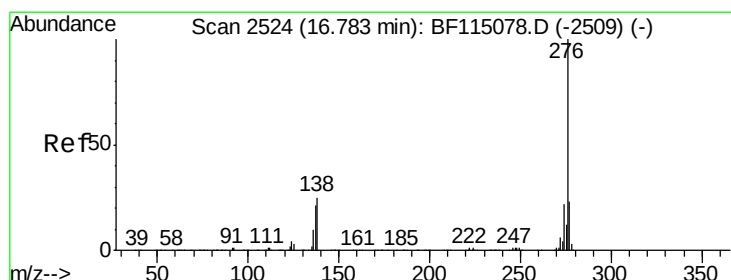
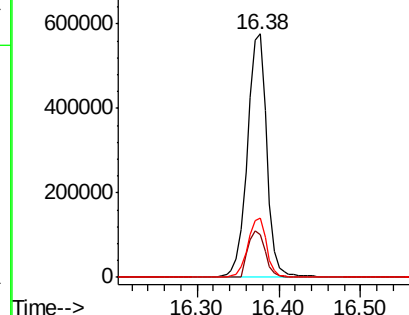
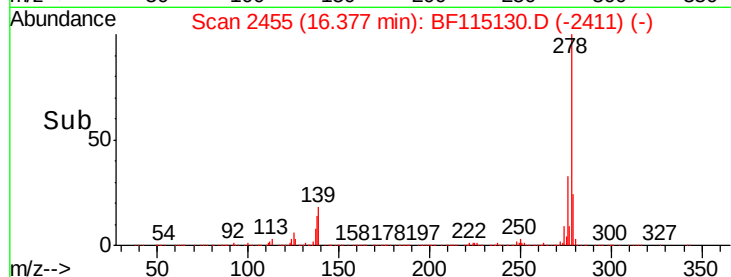


Abundance

Ion 278.00 (277.70 to 278.70): E

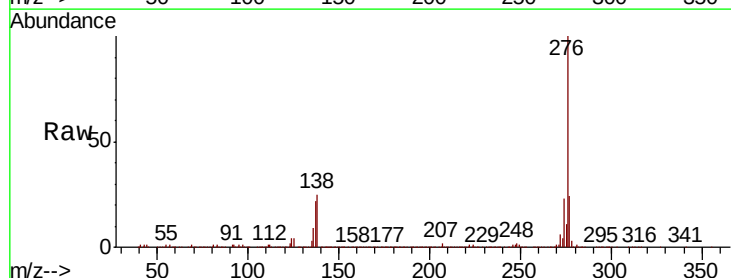
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 26.282 ng
RT: 16.73 min Scan# 2515
Delta R.T. -0.05 min
Lab File: BF115130.D
Acq: 22 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	25.5	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

