

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111579.D
 Acq On : 18 Dec 2018 15:21
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 16:29:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	185802	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	807875	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	382815	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	661976	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	446453	20.00	ng	0.00
87) Perylene-d12	15.38	264	336495	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	576163	51.60	ng	-0.01
7) Phenol-d6	6.43	99	1159173	78.05	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1076442	79.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	250634	73.09	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1977416	79.79	ng	-0.01
79) Terphenyl-d14	12.89	244	1639086	86.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	135639	25.152	ng	# 91
3) Pyridine	3.22	79	301365	22.251	ng	85
4) n-Nitrosodimethylamine	3.16	42	153089	24.884	ng	79
6) Aniline	6.45	93	703436	38.182	ng	# 57
8) 2-Chlorophenol	6.57	128	545754	40.908	ng	99
9) Benzaldehyde	6.33	77	313423	34.792	ng	97
10) Phenol	6.44	94	639846	38.673	ng	# 69
11) bis(2-Chloroethyl)ether	6.52	93	542571	41.833	ng	99
12) 1,3-Dichlorobenzene	6.72	146	587399	39.998	ng	98
13) 1,4-Dichlorobenzene	6.80	146	612309	41.077	ng	100
14) 1,2-Dichlorobenzene	6.95	146	556015	39.649	ng	98
15) Benzyl Alcohol	6.93	79	415517	36.768	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	972222	38.392	ng	90
17) 2-Methylphenol	7.05	107	417755	38.909	ng	96
18) Hexachloroethane	7.29	117	221492	39.927	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	369910	37.751	ng	98
20) 3+4-Methylphenols	7.20	107	515639	38.286	ng	# 85
22) Acetophenone	7.19	105	730763	40.521	ng	# 89
24) Nitrobenzene	7.36	77	536161	38.742	ng	96
25) Isophorone	7.60	82	900172	39.215	ng	99
26) 2-Nitrophenol	7.68	139	278378	38.787	ng	97
27) 2,4-Dimethylphenol	7.73	122	405487	38.971	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	635064	40.075	ng	99
29) 2,4-Dichlorophenol	7.93	162	428541	38.582	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	454464	39.085	ng	99
31) Naphthalene	8.09	128	1465095	38.773	ng	97
32) Benzoic acid	7.86	122	257733	28.665	ng	99
33) 4-Chloroaniline	8.14	127	638799	38.018	ng	96
34) Hexachlorobutadiene	8.21	225	256051	39.971	ng	99
35) Caprolactam	8.51	113	151836	36.819	ng	94
36) 4-Chloro-3-methylphenol	8.63	107	442271	36.175	ng	99
37) 2-Methylnaphthalene	8.78	142	952838	37.265	ng	98
38) 1-Methylnaphthalene	8.87	142	942054	38.137	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	419601	39.968	ng	99

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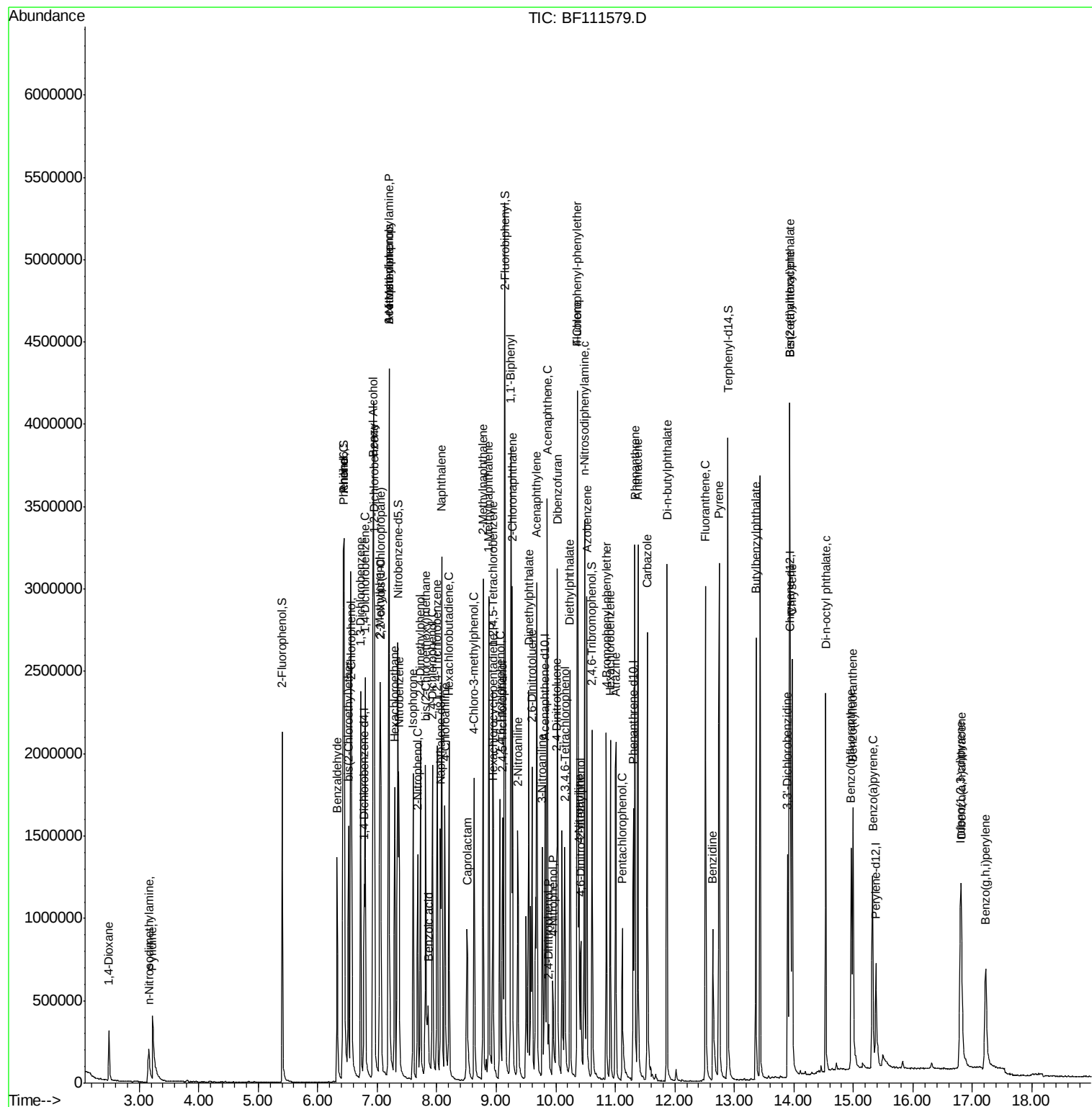
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	59594	11.056	ng	98
43) 2,4,6-Trichlorophenol	9.06	196	268813	36.178	ng	98
44) 2,4,5-Trichlorophenol	9.10	196	292505	36.994	ng	99
46) 1,1'-Biphenyl	9.25	154	1281036	39.494	ng	94
47) 2-Chloronaphthalene	9.27	162	985125	39.956	ng	95
48) 2-Nitroaniline	9.36	65	296042	36.980	ng	95
49) Acenaphthylene	9.68	152	1440772	39.368	ng	95
50) Dimethylphthalate	9.55	163	1070013	38.811	ng	98
51) 2,6-Dinitrotoluene	9.60	165	239339	38.568	ng	91
52) Acenaphthene	9.86	154	873332	37.755	ng	98
53) 3-Nitroaniline	9.77	138	276734	36.714	ng	97
54) 2,4-Dinitrophenol	9.88	184	38343	16.241	ng	# 78
55) Dibenzofuran	10.03	168	1306631	38.916	ng	96
56) 4-Nitrophenol	9.95	139	116692	22.370	ng	97
57) 2,4-Dinitrotoluene	10.01	165	308583	37.886	ng	98
58) Fluorene	10.37	166	950000	39.008	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	215835	34.938	ng	99
60) Diethylphthalate	10.25	149	1065640	38.159	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	461851	38.762	ng	96
62) 4-Nitroaniline	10.39	138	277981	37.254	ng	94
63) Azobenzene	10.52	77	1038843	37.733	ng	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	111726	29.896	ng	85
66) n-Nitrosodiphenylamine	10.48	169	912691	39.981	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	286938	40.217	ng	97
68) Hexachlorobenzene	10.92	284	293470	39.987	ng	99
69) Atrazine	11.01	200	256367	38.860	ng	96
70) Pentachlorophenol	11.12	266	156959	34.868	ng	98
71) Phenanthrene	11.33	178	1341529	39.329	ng	94
72) Anthracene	11.38	178	1423278	40.800	ng	96
73) Carbazole	11.54	167	1449352	40.178	ng	95
74) Di-n-butylphthalate	11.87	149	1621680	40.366	ng	96
75) Fluoranthene	12.52	202	1338928	40.124	ng	98
77) Benzidine	12.64	184	524953	31.987	ng	99
78) Pyrene	12.74	202	1379444	43.825	ng	96
80) Butylbenzylphthalate	13.36	149	626365	40.825	ng	93
81) Benzo(a)anthracene	13.93	228	922221	37.990	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	381318	38.640	ng	96
83) Chrysene	13.97	228	1039187	40.636	ng	96
84) Bis(2-ethylhexyl)phthalate	13.93	149	749544	38.249	ng	99
85) Di-n-octyl phthalate	14.53	149	1107938	33.519	ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	730577	39.584	ng	97
88) Benzo(b)fluoranthene	14.97	252	710424	36.213	ng	97
89) Benzo(k)fluoranthene	14.99	252	812658	43.352	ng	99
90) Benzo(a)pyrene	15.32	252	693181	39.183	ng	96
91) Dibenzo(a,h)anthracene	16.82	278	616657	44.188	ng	96
92) Benzo(g,h,i)perylene	17.22	276	623718	45.533	ng	96

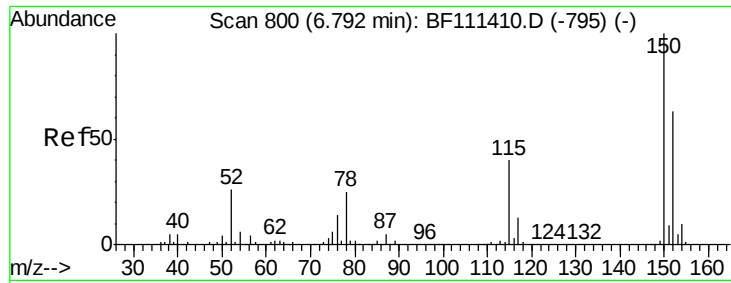
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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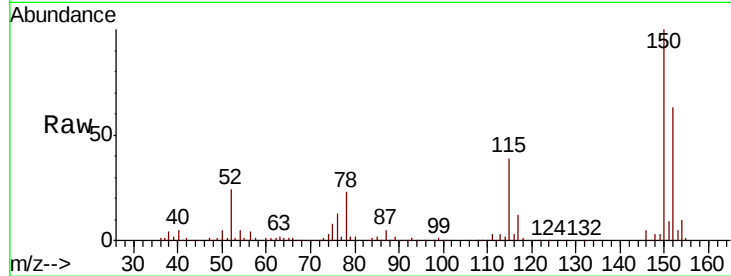


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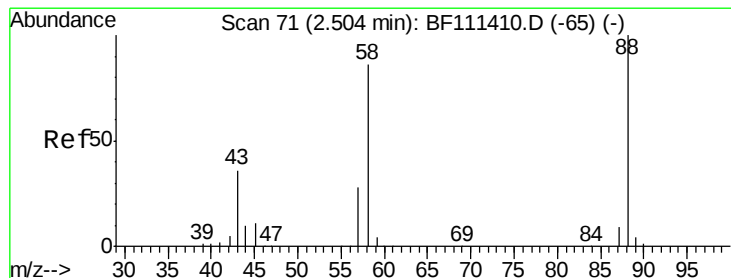
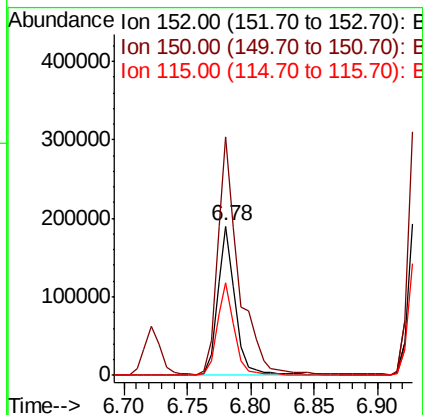
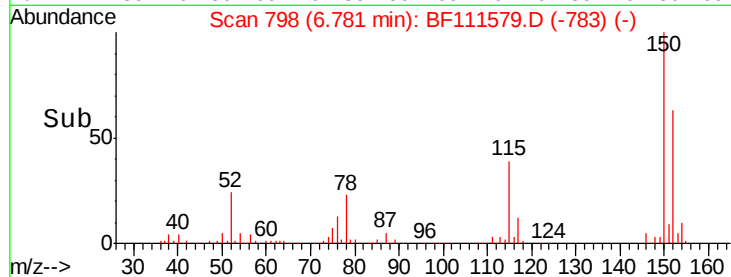
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 185802
Ion Ratio Lower Upper
152 100
150 159.9 126.6 189.8
115 62.2 50.7 76.1



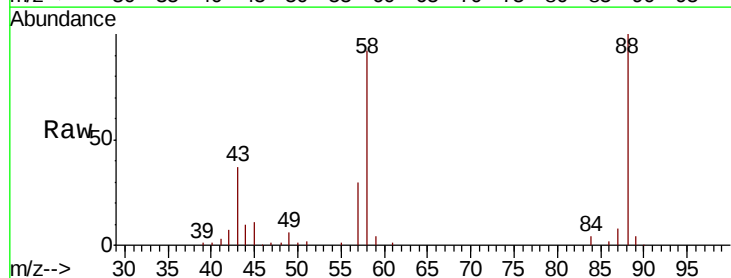
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



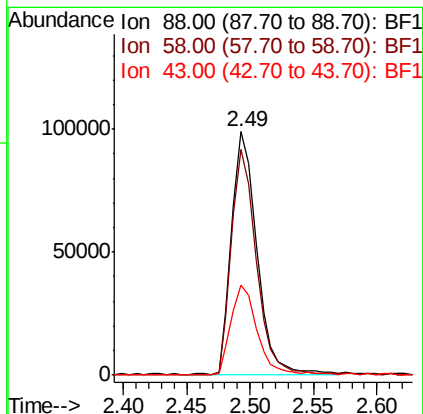
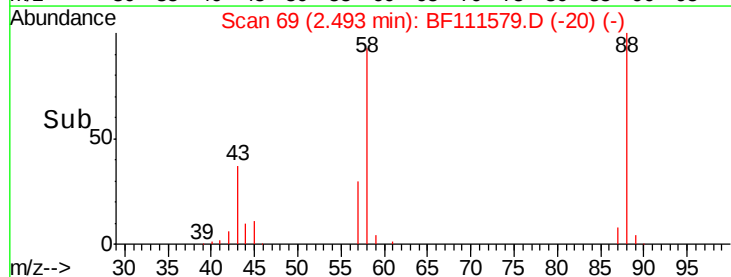
#2

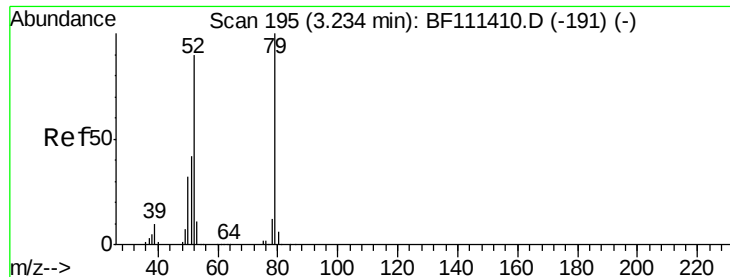
1,4-Dioxane
Concen: 25.152 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion: 88 Resp: 135639
Ion Ratio Lower Upper
88 100
58 92.9 68.9 103.3
43 39.4 25.8 38.6#



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: 22.251 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampled :

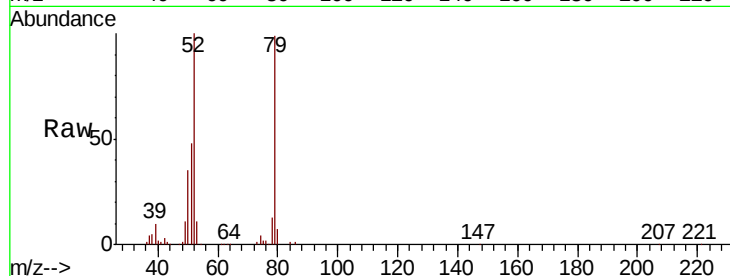
Tot Ion: 79 Resp: 301365

Ion Ratio Lower Upper

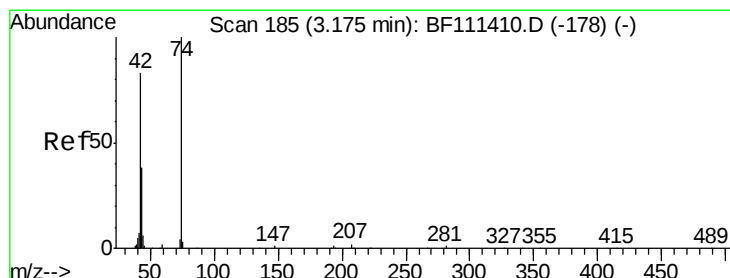
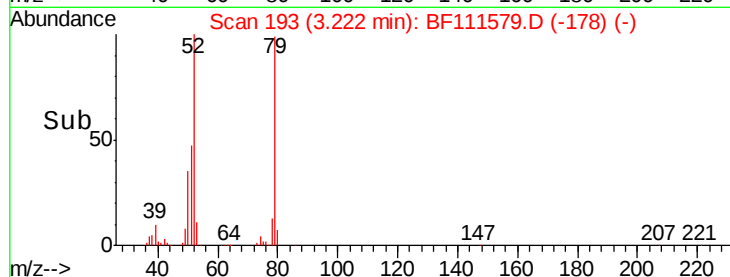
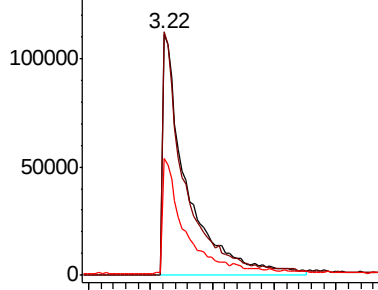
79 100

52 100.8 68.3 102.5

51 48.4 32.6 49.0



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



#4

n-Nitrosodimethylamine

Concen: 24.884 ng

RT: 3.16 min Scan# 183

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

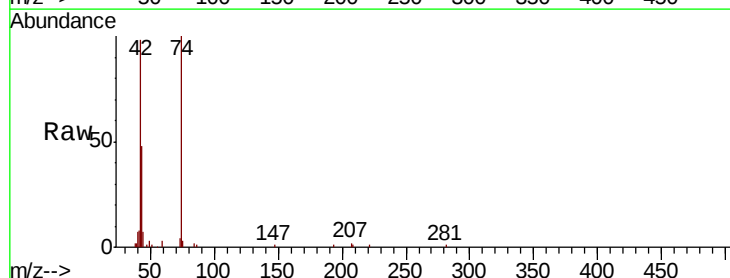
Tgt Ion: 42 Resp: 153089

Ion Ratio Lower Upper

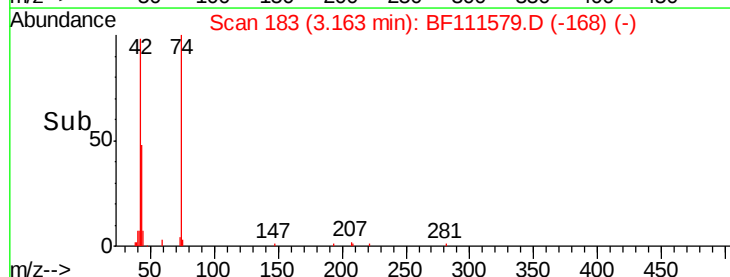
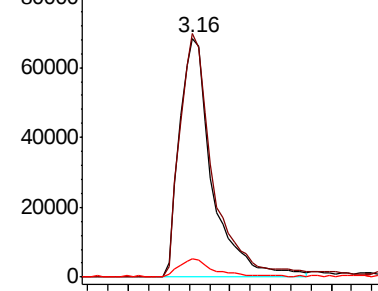
42 100

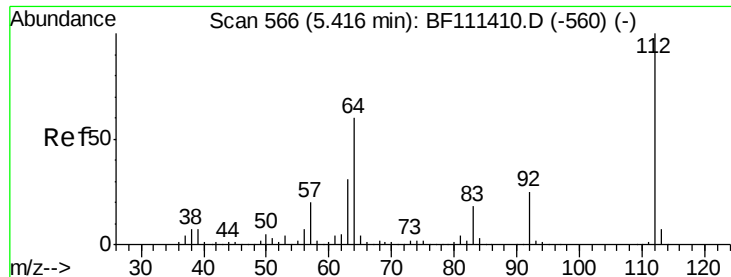
74 101.9 101.5 152.3

44 7.5 6.0 9.0



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





#5

2-Fluorophenol

Concen: 51.602 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

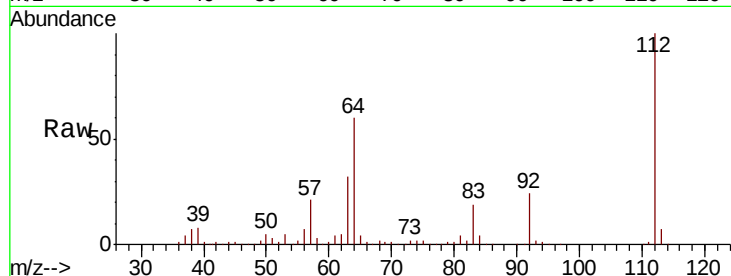
Tot Ion: 112 Resp: 576163

Ion Ratio Lower Upper

112 100

64 60.3 51.8 77.6

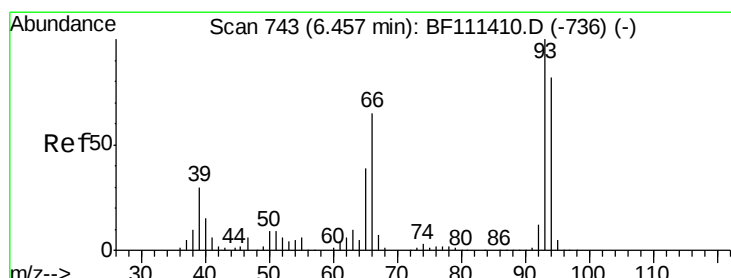
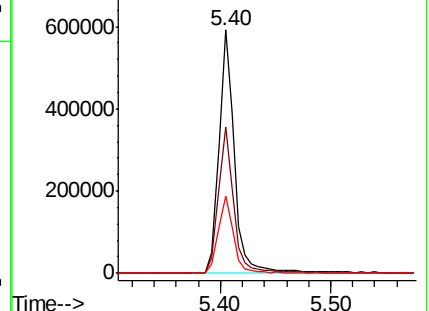
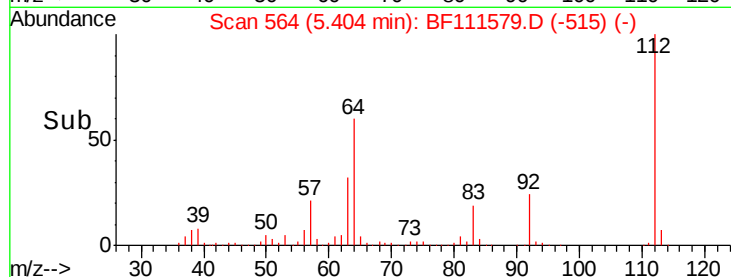
63 31.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.182 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

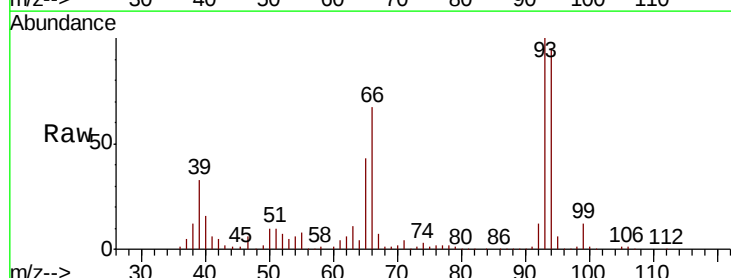
Tgt Ion: 93 Resp: 703436

Ion Ratio Lower Upper

93 100

66 67.4 33.2 49.8#

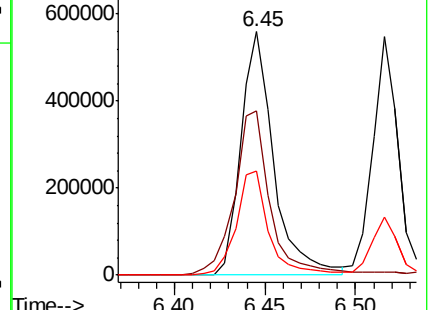
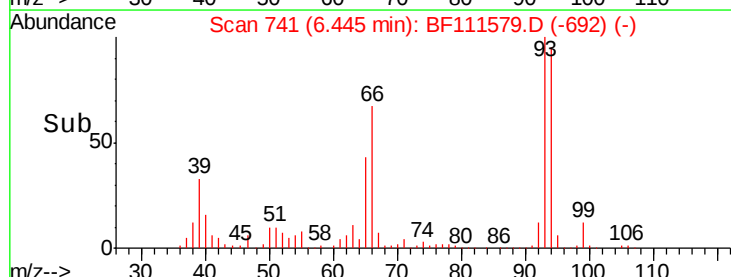
65 43.0 17.0 25.4#

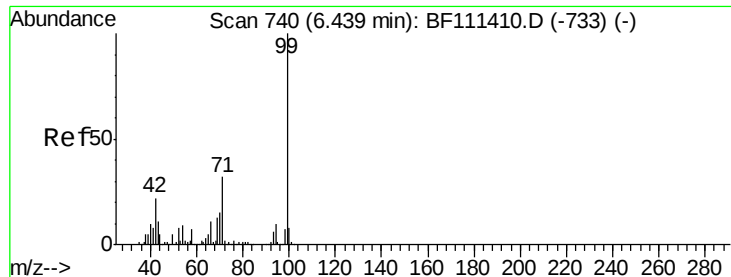


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.047 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

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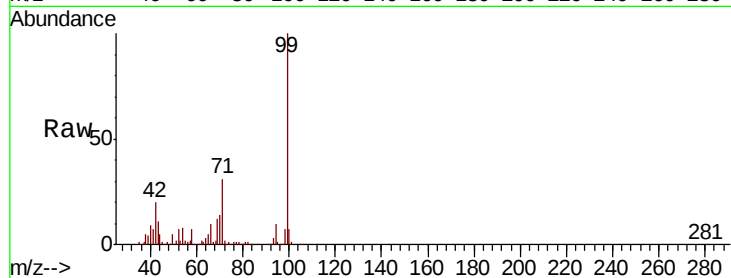
Tot Ion: 99 Resp: 1159173

Ion Ratio Lower Upper

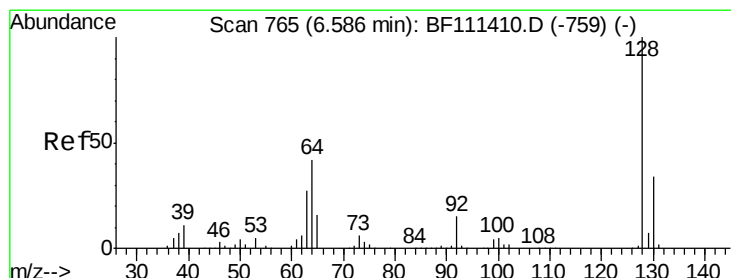
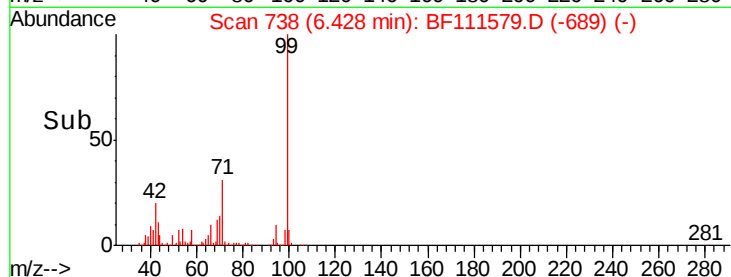
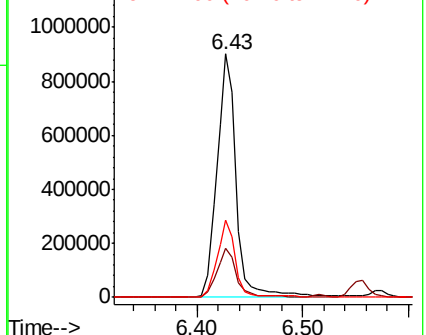
99 100

42 20.3 17.4 26.0

71 31.5 26.1 39.1



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: 40.908 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

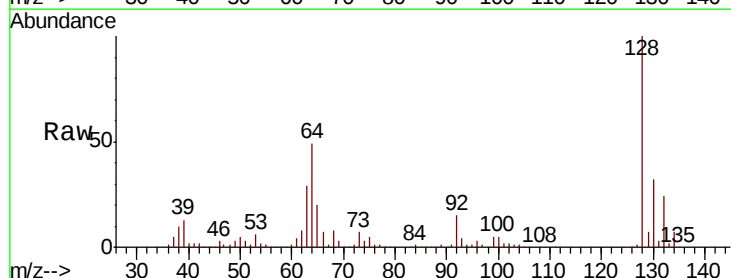
Tgt Ion: 128 Resp: 545754

Ion Ratio Lower Upper

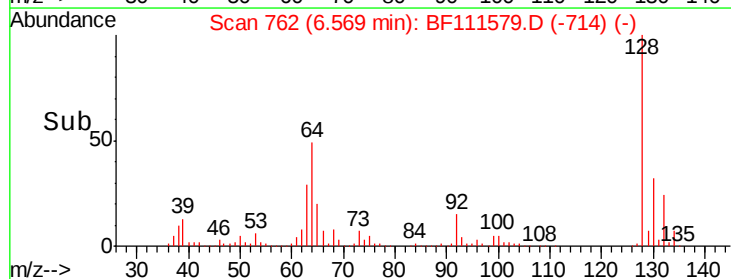
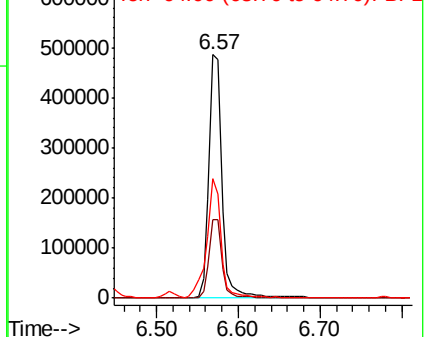
128 100

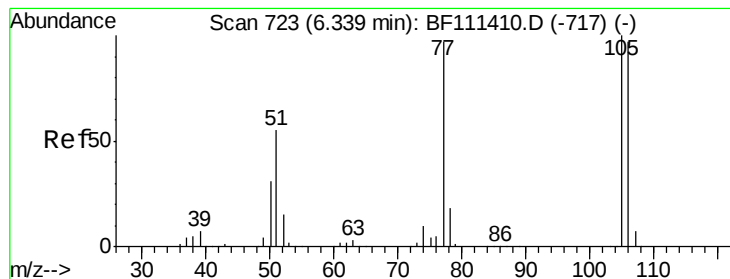
130 32.0 12.7 52.7

64 48.9 30.0 70.0



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: 34.792 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

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ClientSampleId :

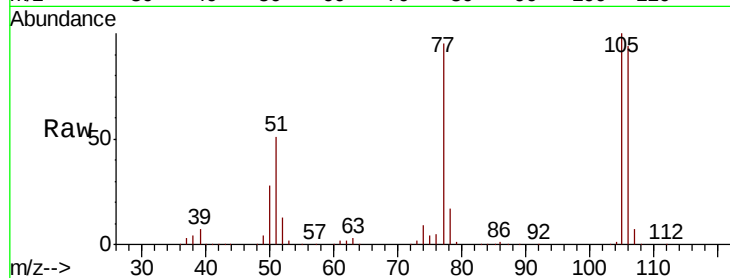
Tot Ion: 77 Resp: 313423

Ion Ratio Lower Upper

77 100

105 105.7 81.4 121.4

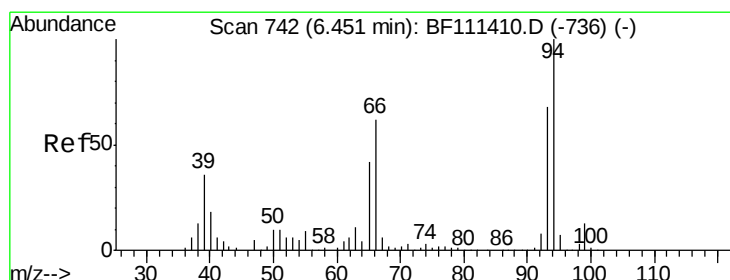
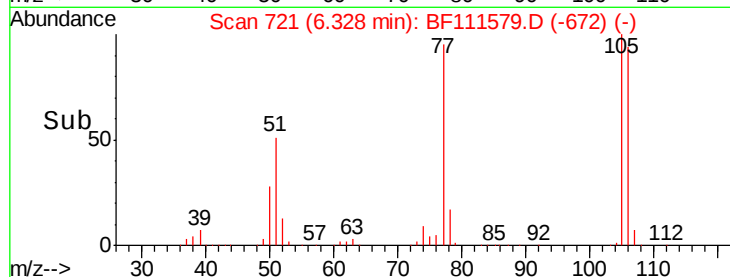
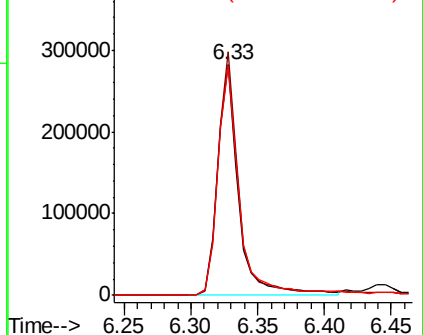
106 99.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.673 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

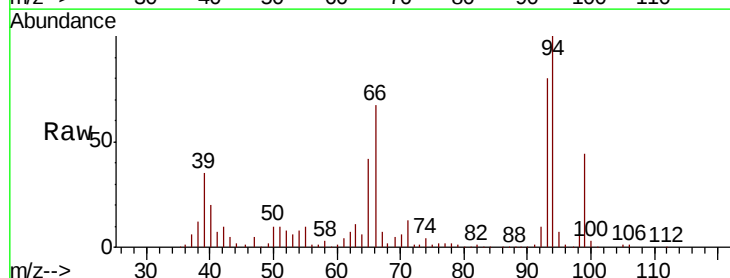
Tgt Ion: 94 Resp: 639846

Ion Ratio Lower Upper

94 100

65 42.0 11.7 51.7

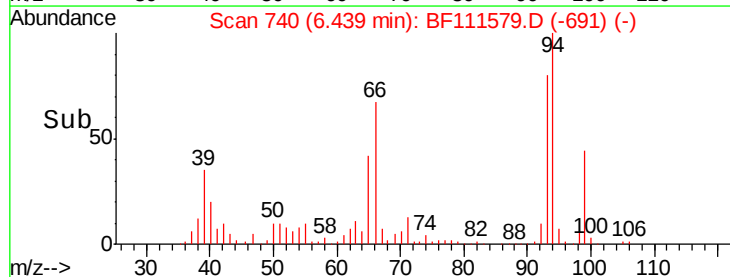
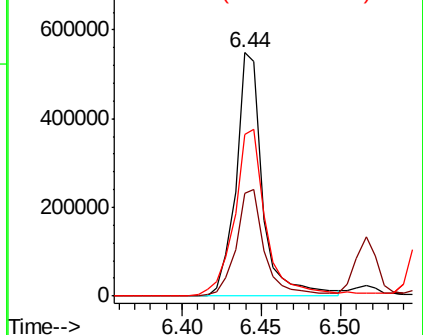
66 66.6 21.0 61.0#

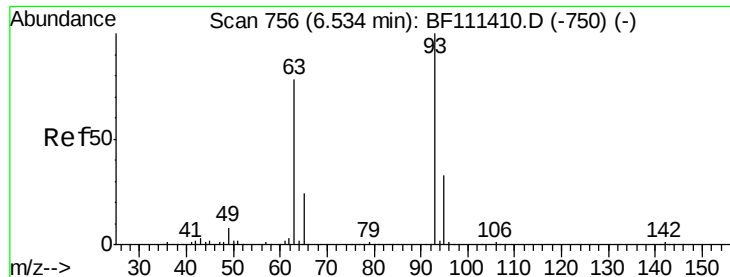


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

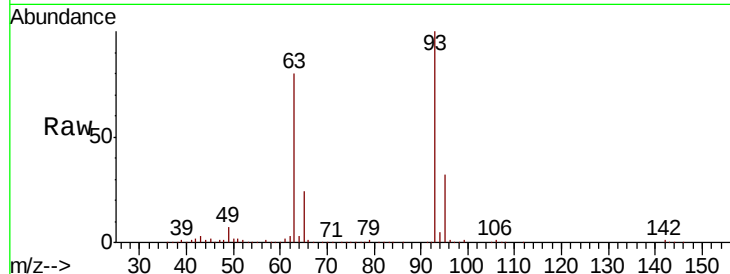




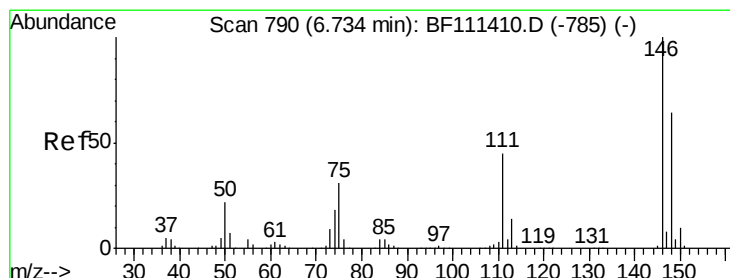
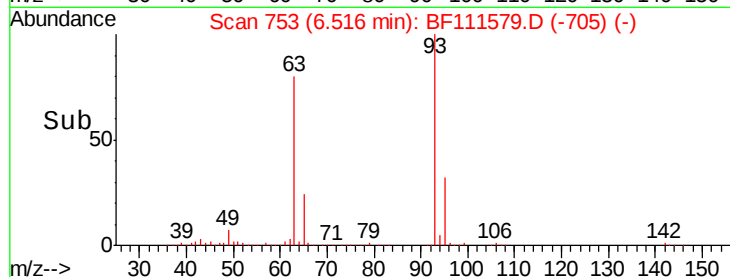
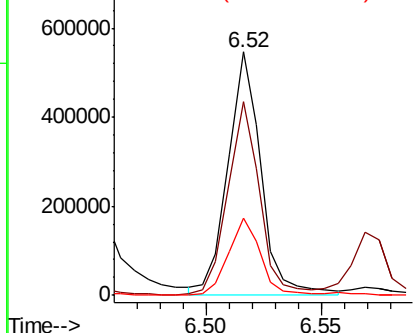
#11
 bis(2-Chloroethyl)ether
 Concen: 41.833 ng
 RT: 6.52 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 542571
 Ion Ratio Lower Upper
 93 100
 63 79.8 60.0 100.0
 95 31.8 13.4 53.4

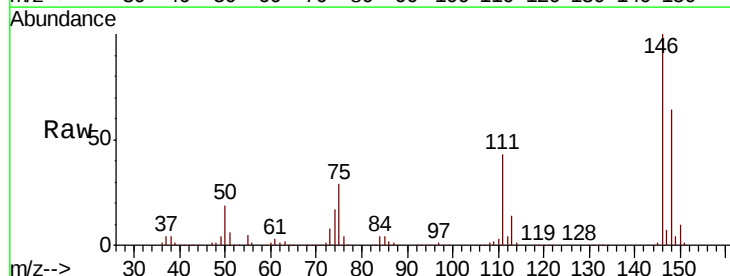


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

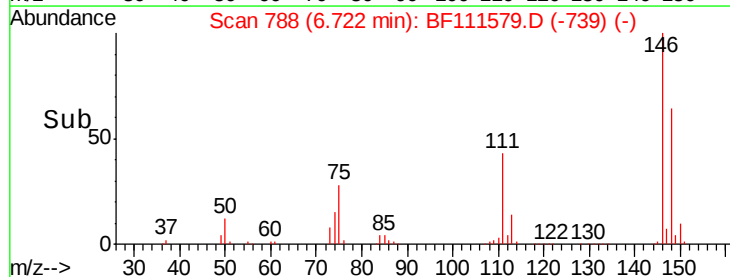
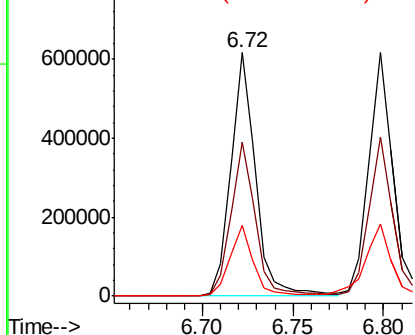


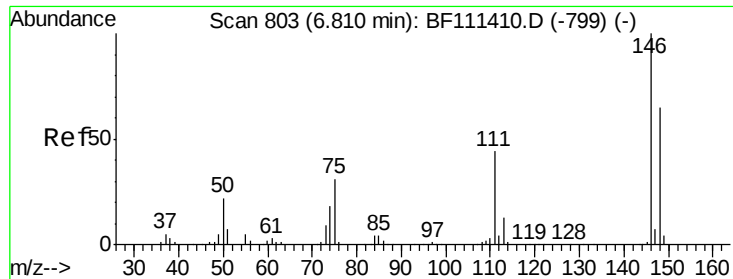
#12
 1,3-Dichlorobenzene
 Concen: 39.998 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion: 146 Resp: 587399
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.1 78.1
 75 29.0 23.9 35.9



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

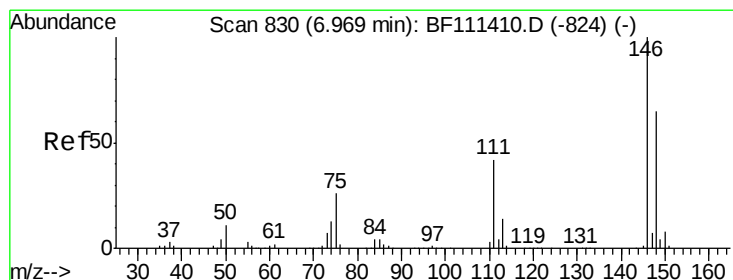
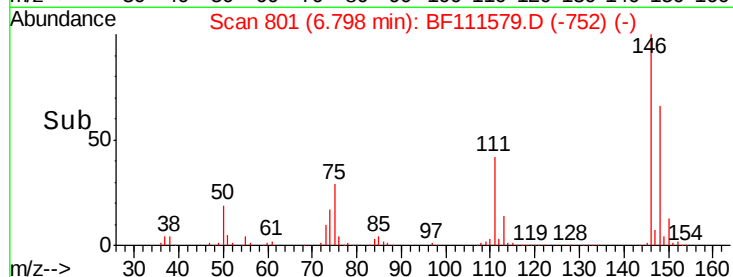
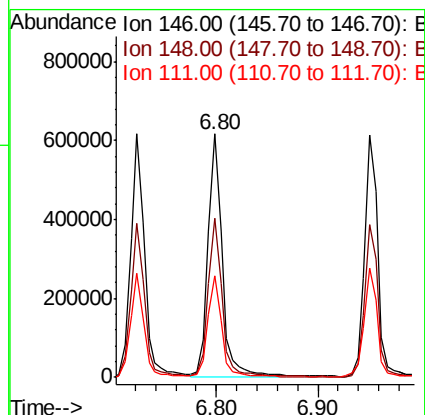
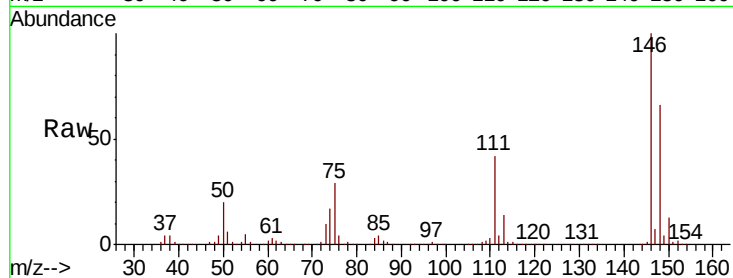




#13
 1,4-Dichlorobenzene
 Concen: 41.077 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

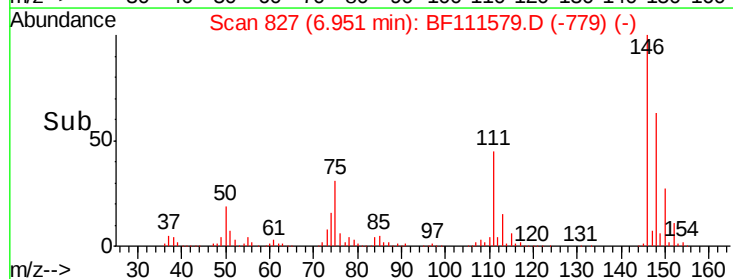
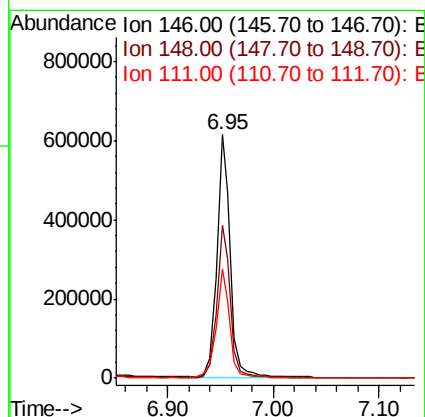
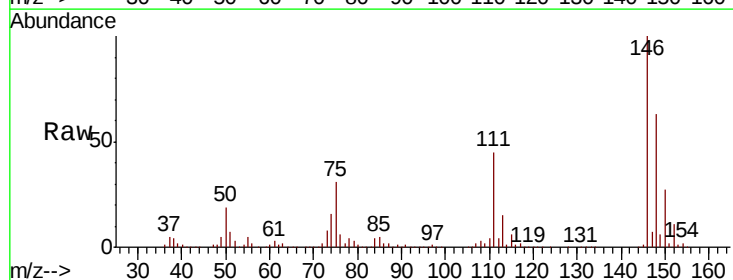
Instrument :
 BNA_F
 ClientSampleId :

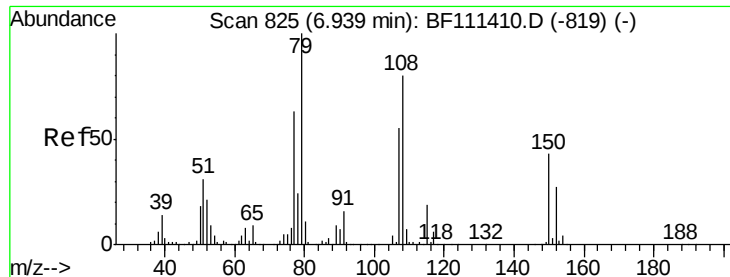
Tot Ion:146 Resp: 612309
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.8 79.2
 111 41.5 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 39.649 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion:146 Resp: 556015
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.9 77.9
 111 44.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 36.768 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampled :

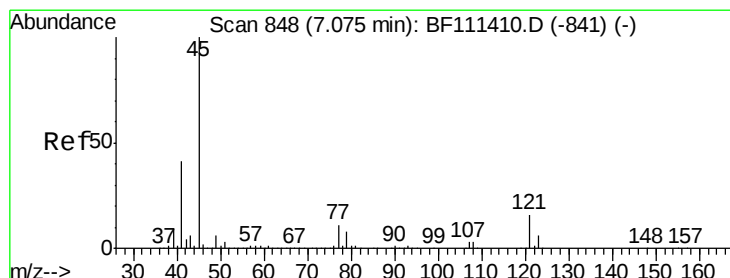
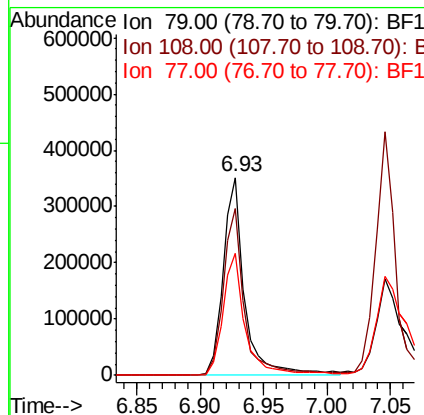
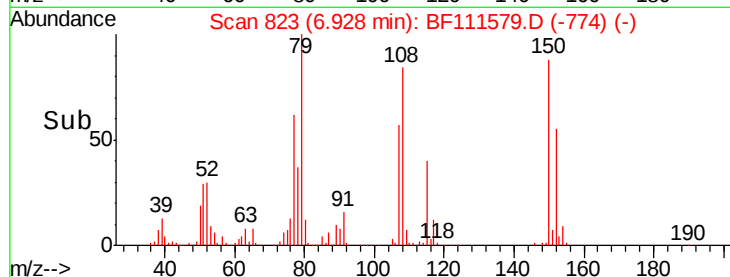
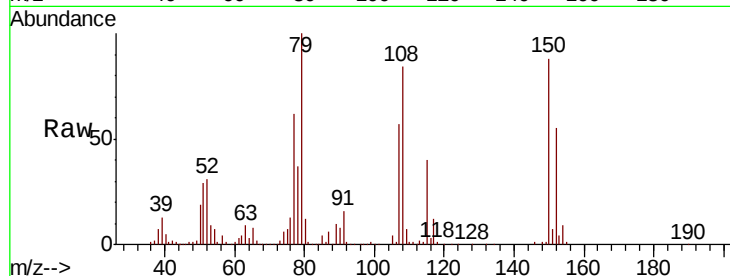
Tot Ion: 79 Resp: 415517

Ion Ratio Lower Upper

79 100

108 84.1 69.4 104.2

77 61.9 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.392 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

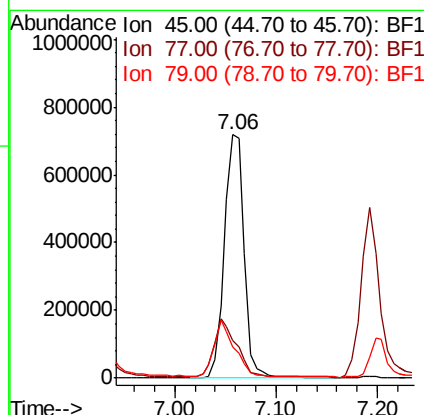
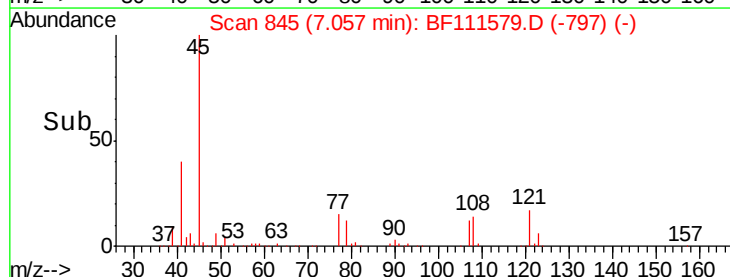
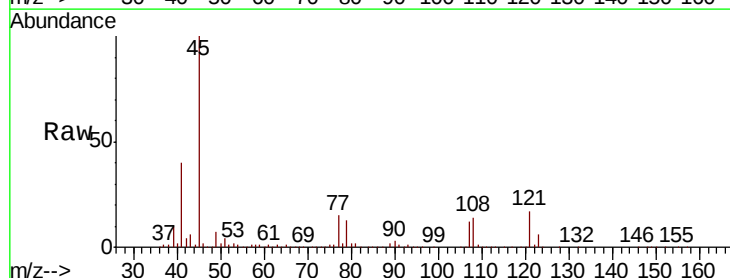
Tgt Ion: 45 Resp: 972222

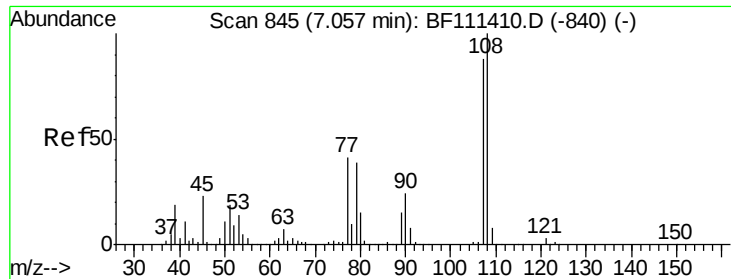
Ion Ratio Lower Upper

45 100

77 15.3 0.0 31.5

79 12.9 0.0 28.9

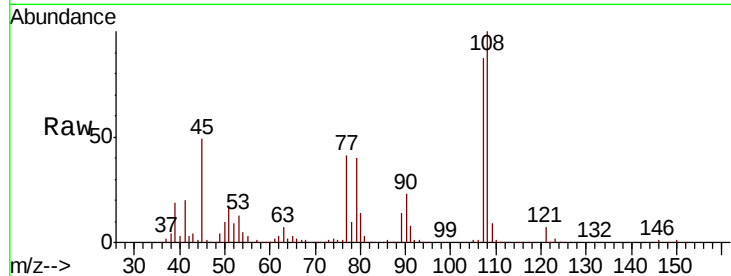




#17
2-Methylphenol
Concen: 38.909 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	417755
Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.0	136.4
77	46.9	33.5	50.3
79	45.7	33.3	49.9



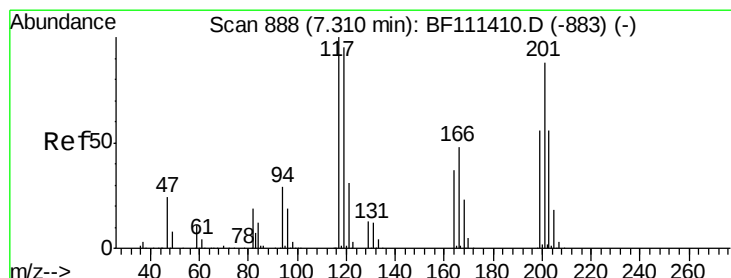
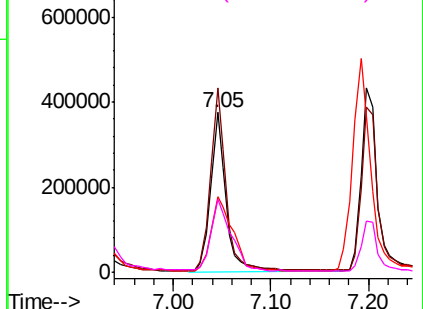
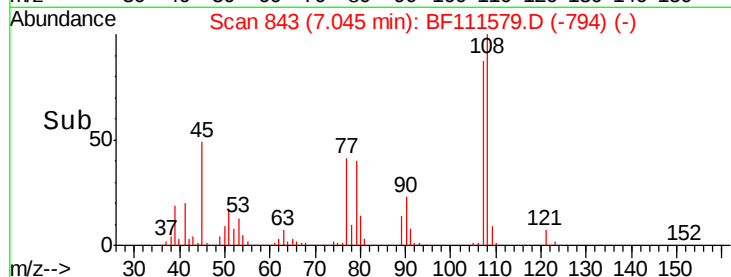
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

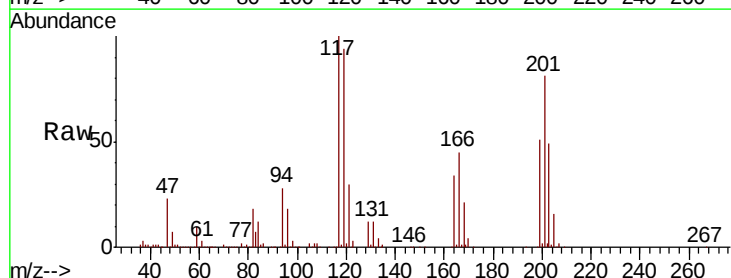
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.927 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:	117	Resp:	221492
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.4	113.0
201	80.9	62.4	93.6

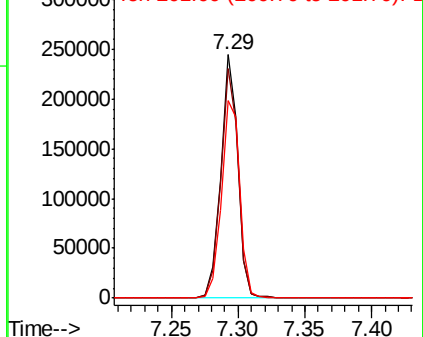
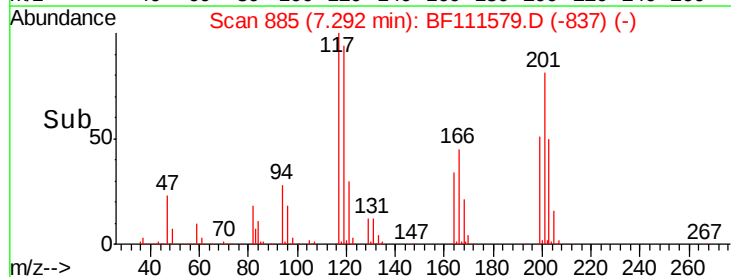


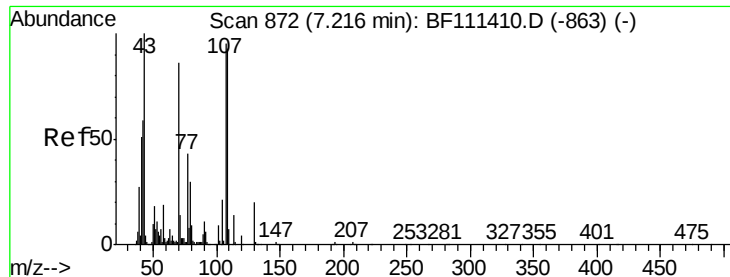
Abundance

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

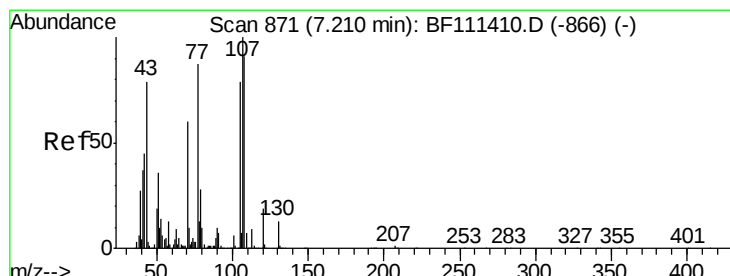
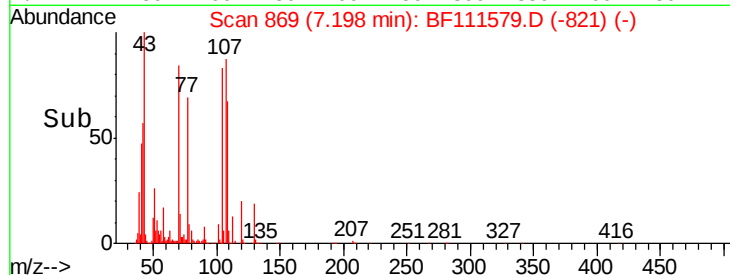
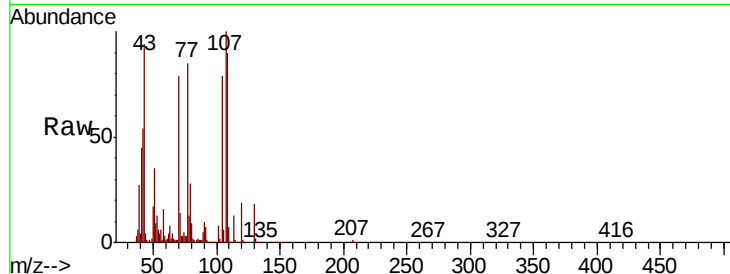
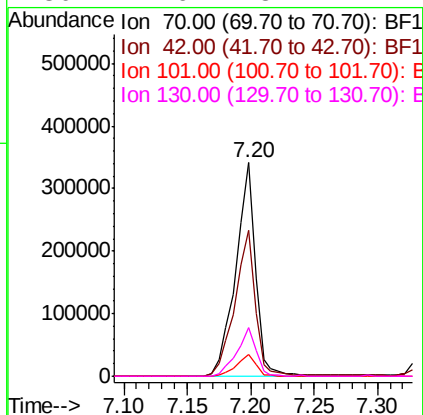




#19
n-Nitroso-di-n-propylamine
Concen: 37.751 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

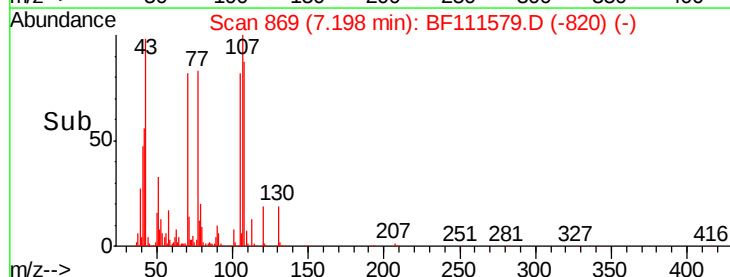
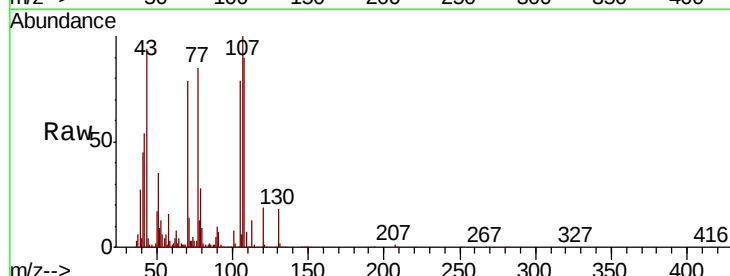
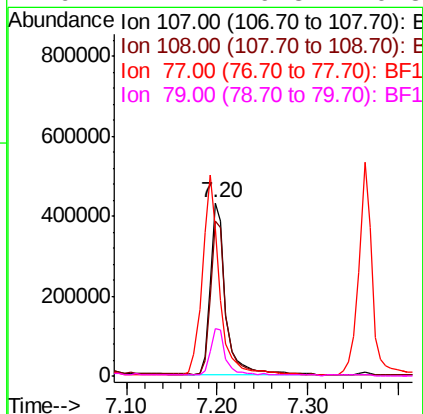
Instrument :
BNA_F
ClientSampleId :

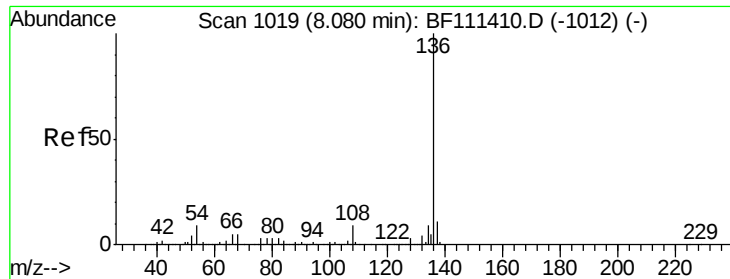
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	53.2	79.8
101	10.2	8.2	12.4
130	22.6	18.1	27.1



#20
3+4-Methylphenols
Concen: 38.286 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.1	112.1
77	84.9	94.1	134.1#
79	27.7	9.8	49.8

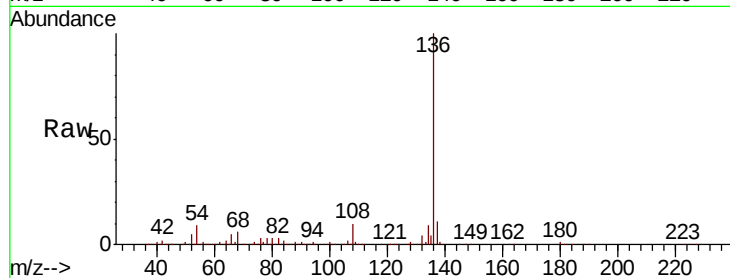




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	807875	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.1	13.7	
54 9.2	7.7	11.5	
68 5.7	4.9	7.3	



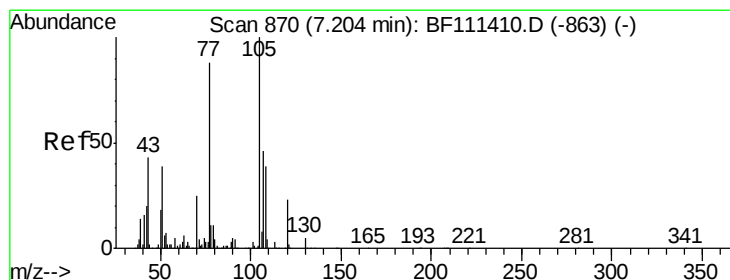
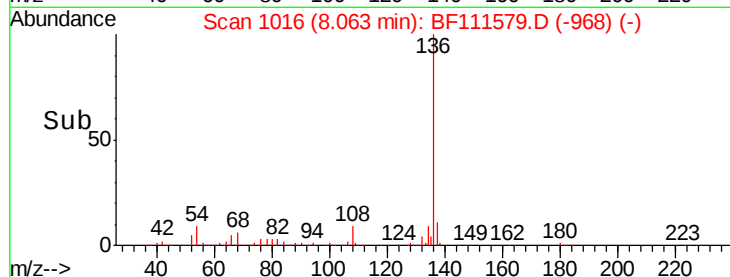
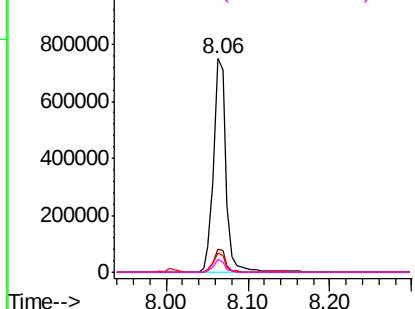
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

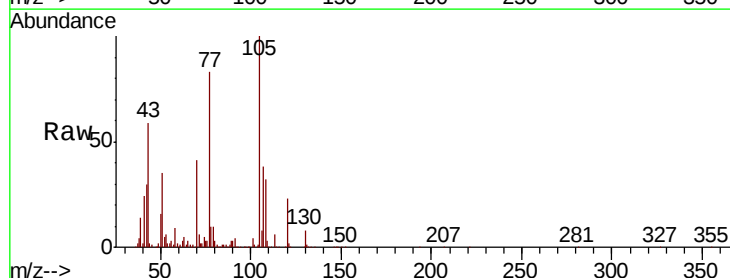
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.521 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt	Ion:105	Resp:	730763
Ion	Ratio	Lower	Upper
105	100		
71	6.5	3.1	4.7#
51	35.0	36.6	54.8#
120	22.7	18.2	27.4



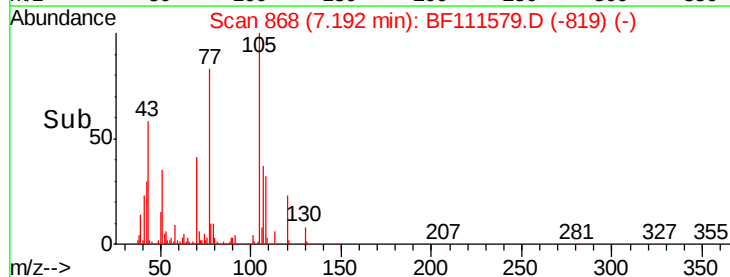
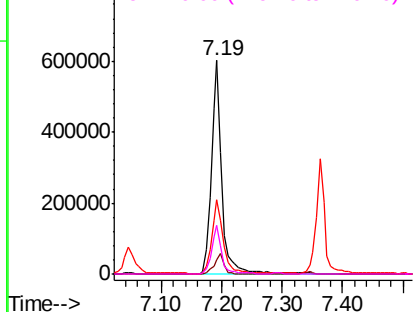
Abundance

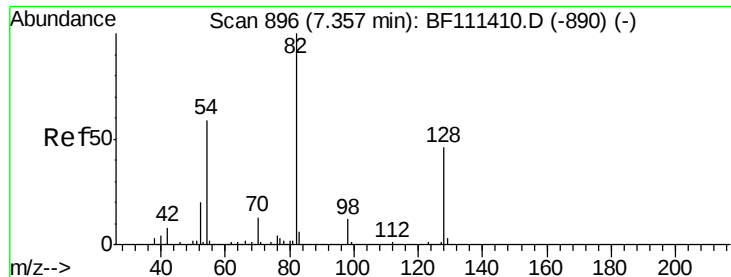
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

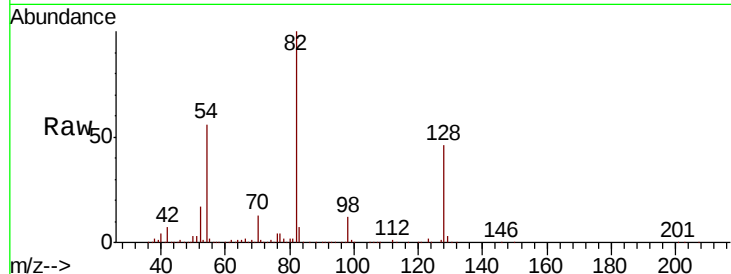




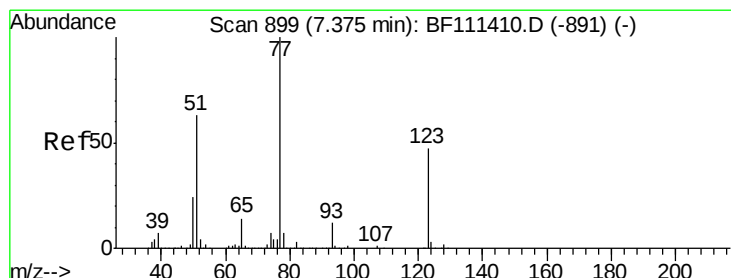
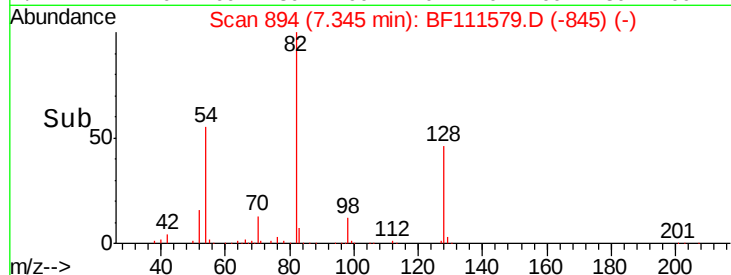
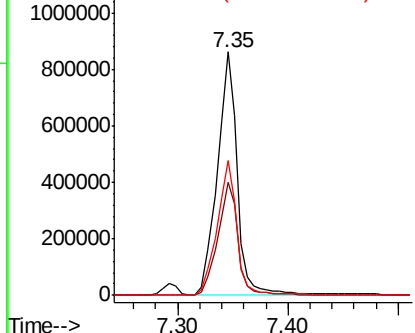
#23
Nitrobenzene-d5
Concen: 79.345 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1076442
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.2
54 55.6 47.6 71.4

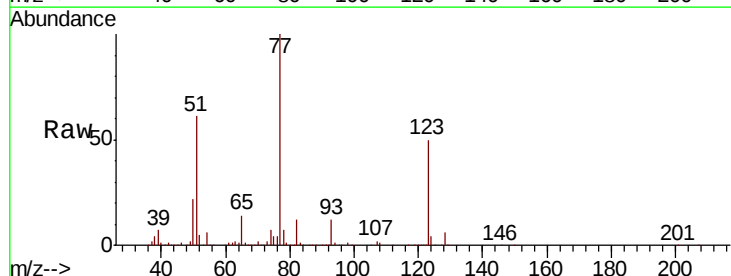


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

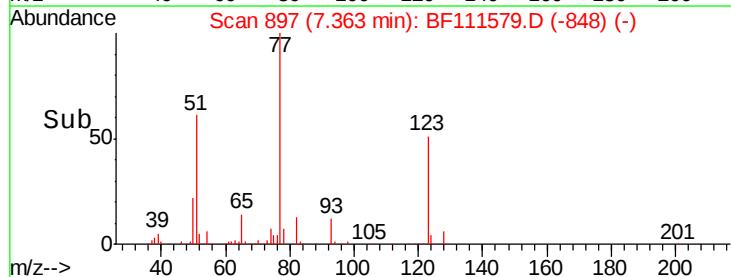
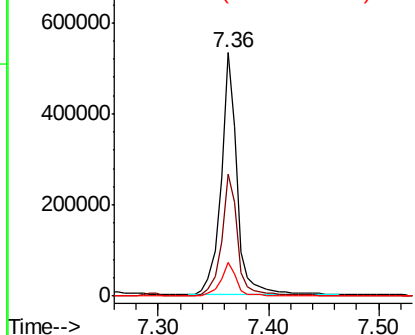


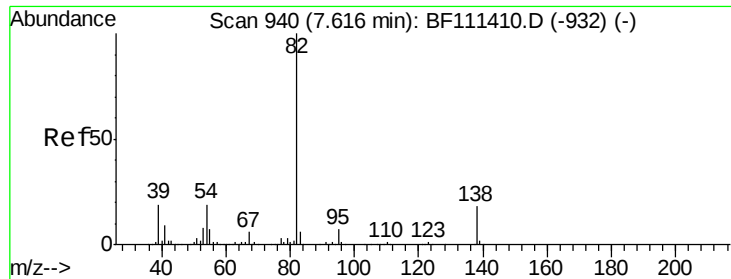
#24
Nitrobenzene
Concen: 38.742 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion: 77 Resp: 536161
Ion Ratio Lower Upper
77 100
123 50.0 37.2 55.8
65 14.0 11.5 17.3



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: 39.215 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

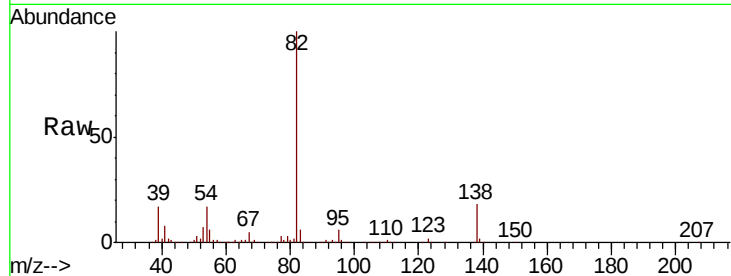
Tot Ion: 82 Resp: 900172

Ion Ratio Lower Upper

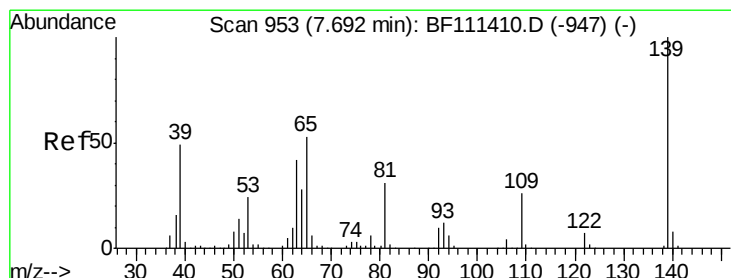
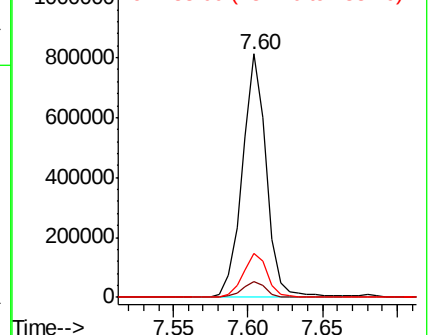
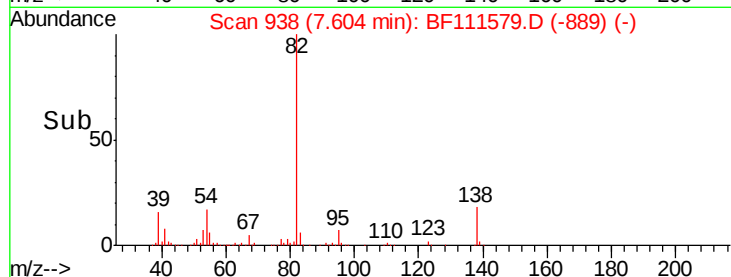
82 100

95 6.5 5.4 8.2

138 18.2 15.1 22.7



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: 38.787 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

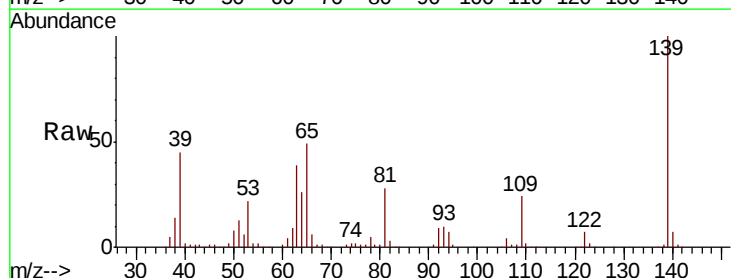
Tgt Ion: 139 Resp: 278378

Ion Ratio Lower Upper

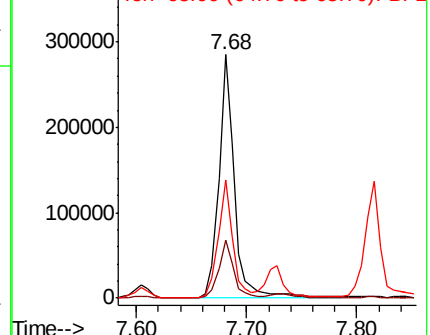
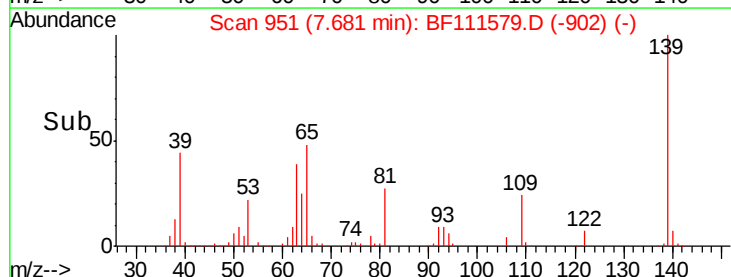
139 100

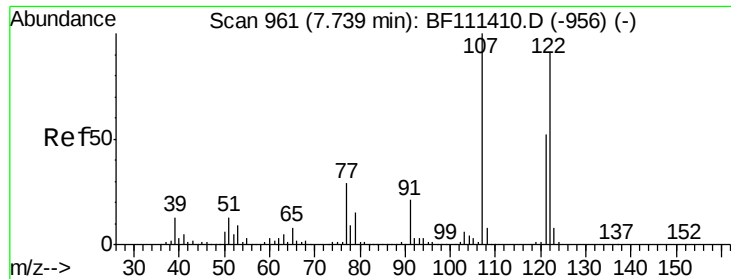
109 23.8 20.2 30.4

65 48.5 40.7 61.1



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

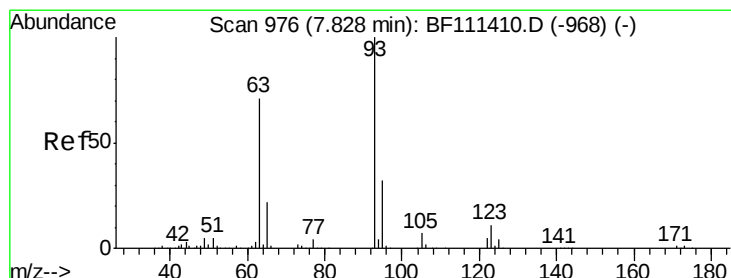
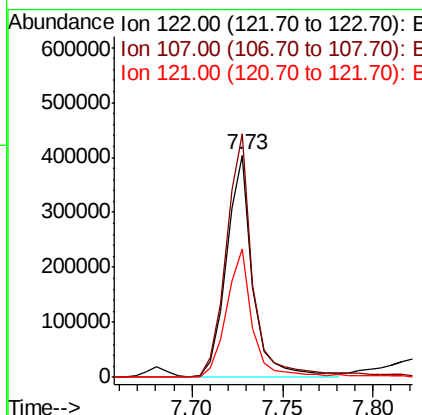
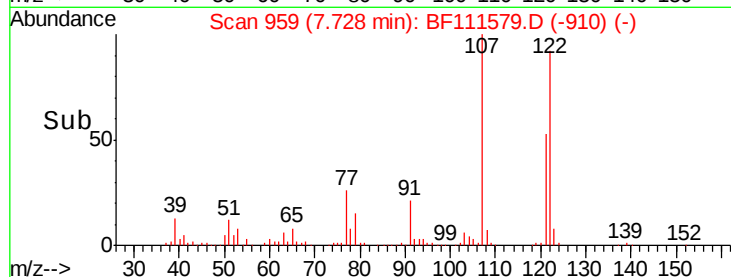
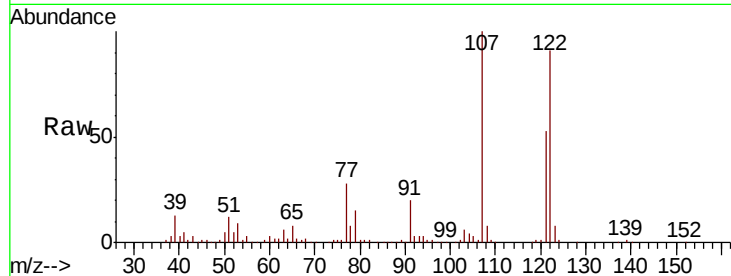




#27
 2,4-Dimethylphenol
 Concen: 38.971 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

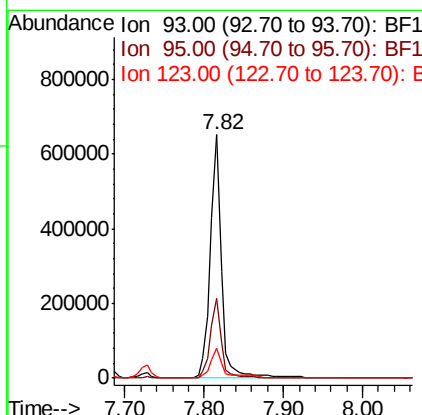
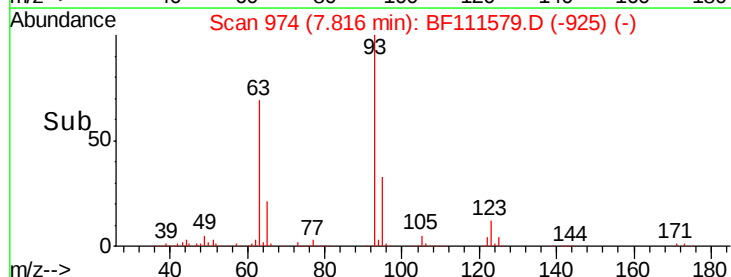
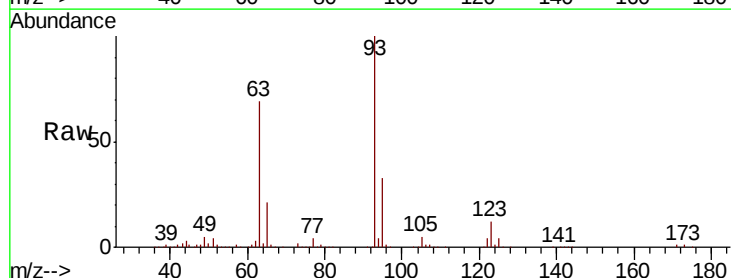
Instrument :
 BNA_F
 ClientSampled :

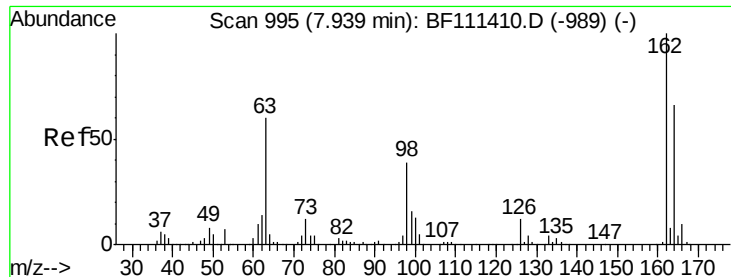
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	85.5	128.3
121	57.5	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.075 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	12.3	9.9	14.9

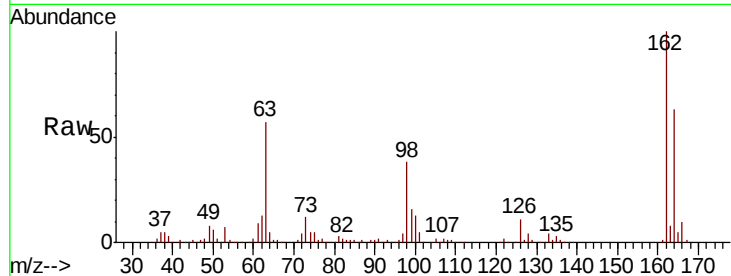




#29
2,4-Dichlorophenol
Concen: 38.582 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.4	84.4
98	38.2	20.3	60.3

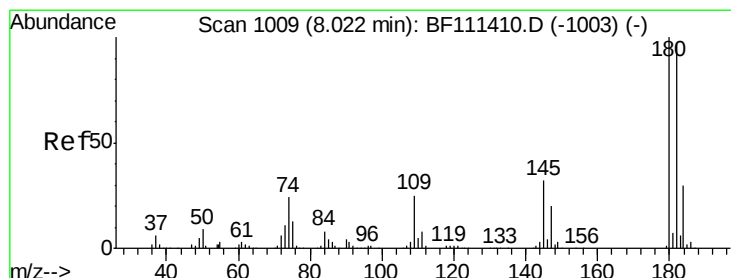
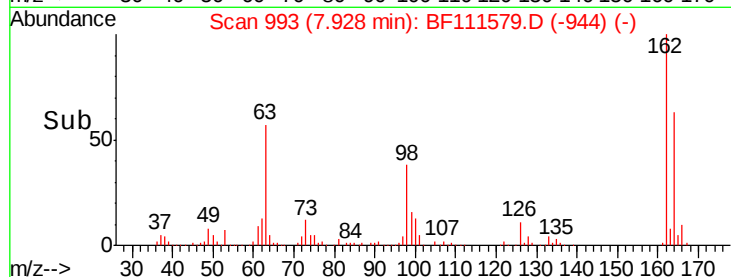
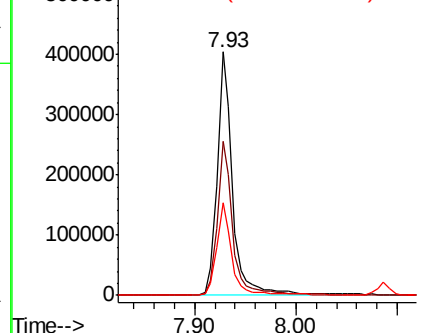


Abundance

Ion 162.00 (161.70 to 162.70): E

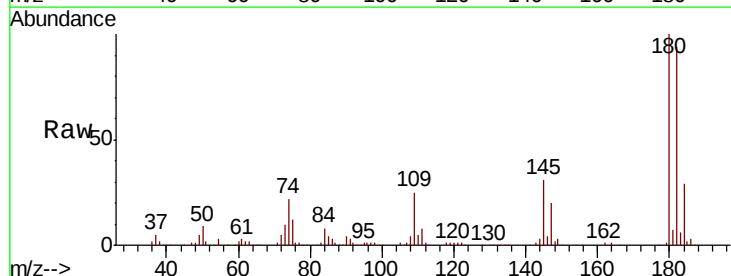
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.085 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	30.8	26.7	40.1

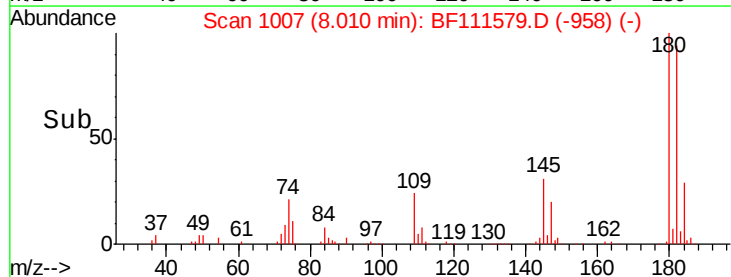
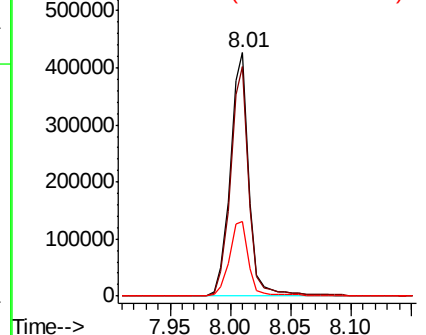


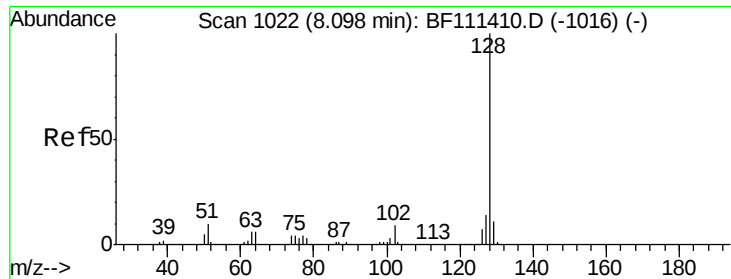
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

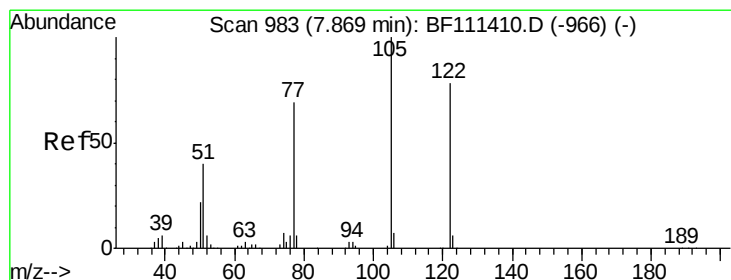
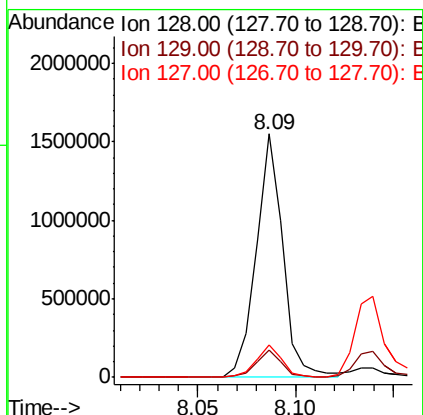
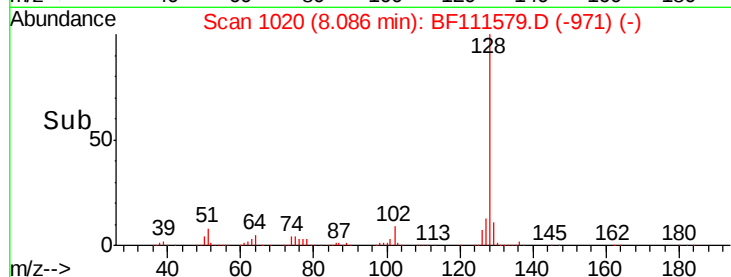
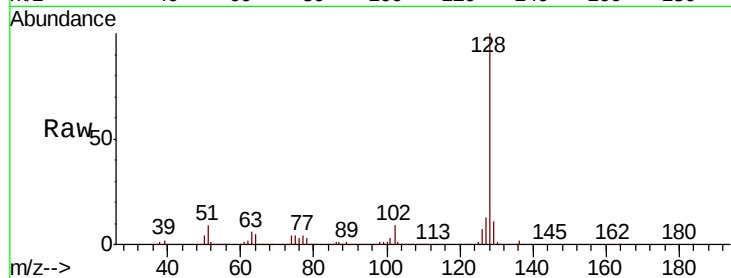




#31
Naphthalene
Concen: 38.773 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

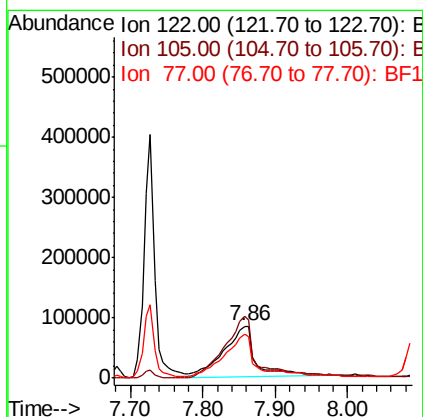
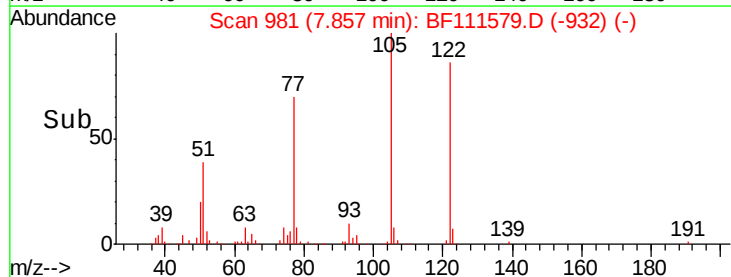
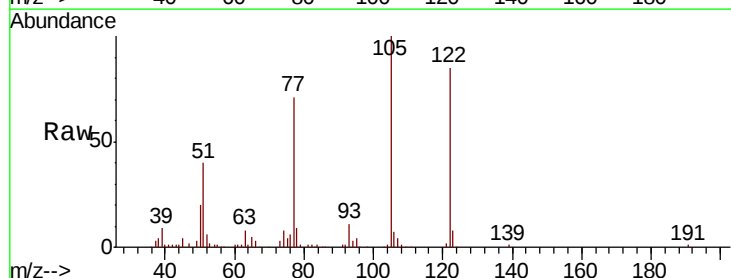
Instrument :
BNA_F
ClientSampleId :

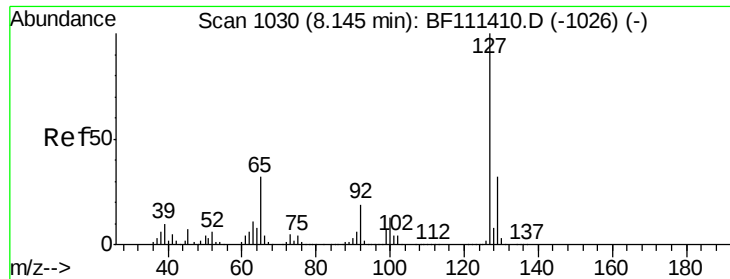
Tot Ion:128 Resp: 1465095
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.4 12.0 18.0



#32
Benzoic acid
Concen: 28.665 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:122 Resp: 257733
Ion Ratio Lower Upper
122 100
105 117.9 97.0 137.0
77 83.9 65.7 105.7

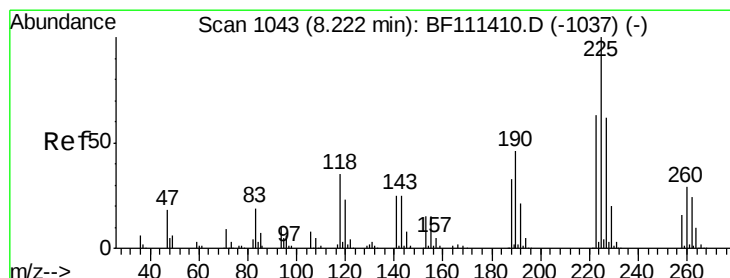
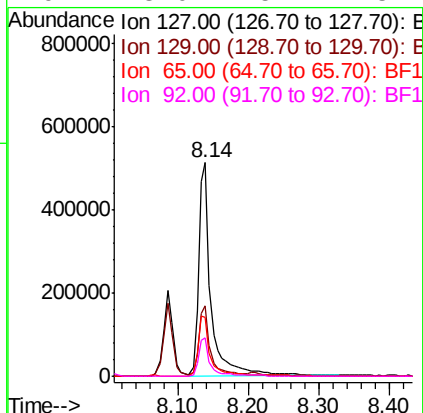
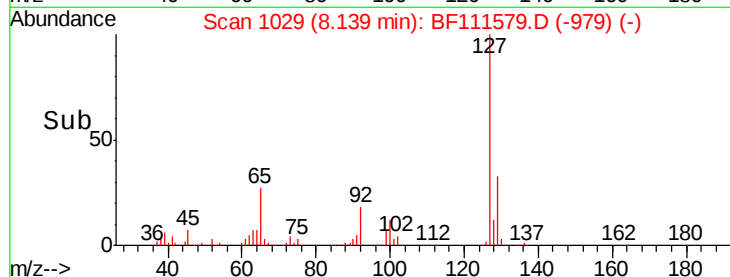
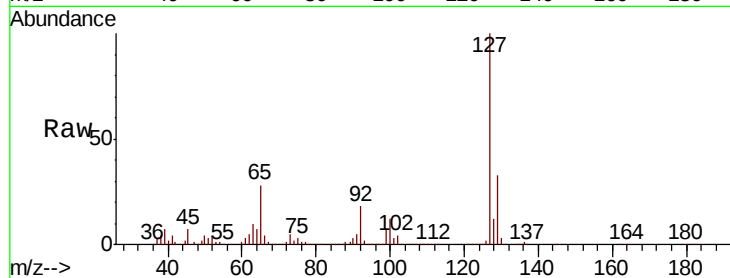




#33
4-Chloroaniline
Concen: 38.018 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

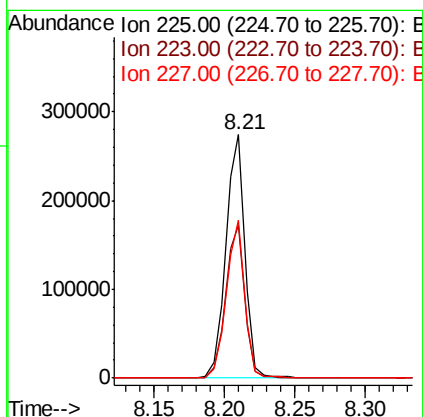
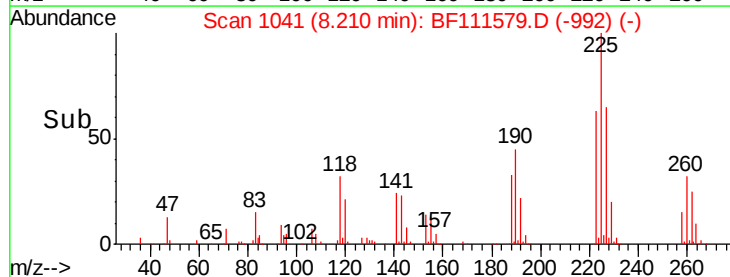
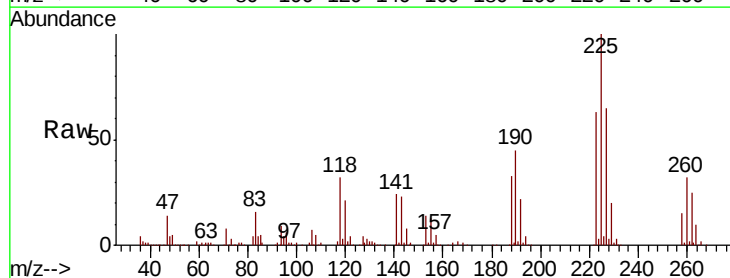
Instrument :
BNA_F
ClientSampleId :

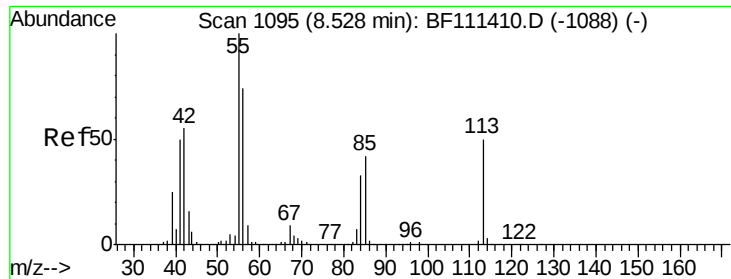
Tot Ion:	127	Resp:	638799
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	27.8	25.7	38.5
92	18.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 39.971 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:	225	Resp:	256051
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	64.9	52.6	78.8

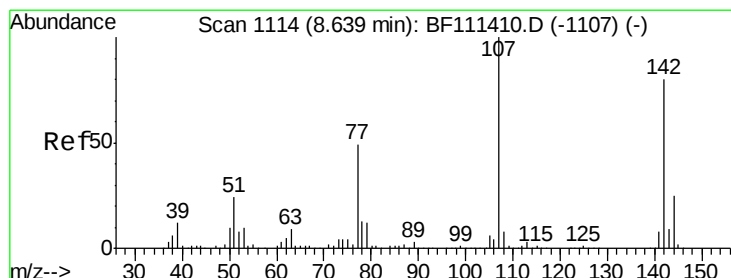
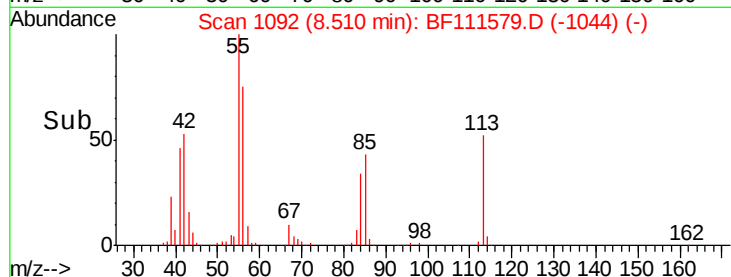
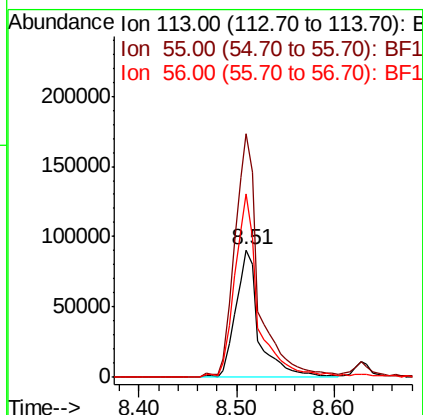
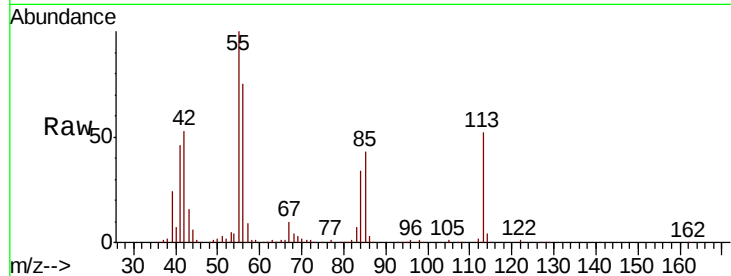




#35
 Caprolactam
 Concen: 36.819 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

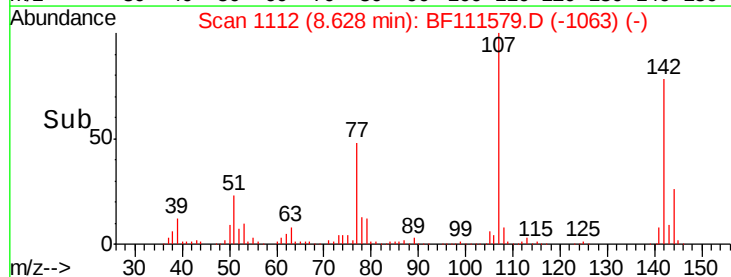
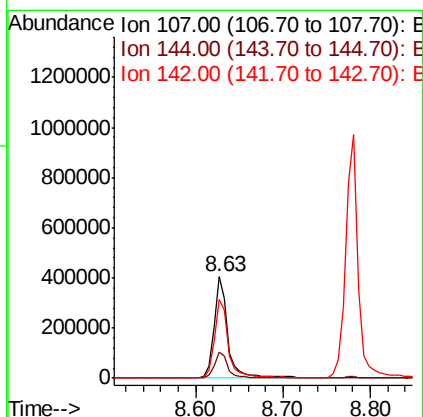
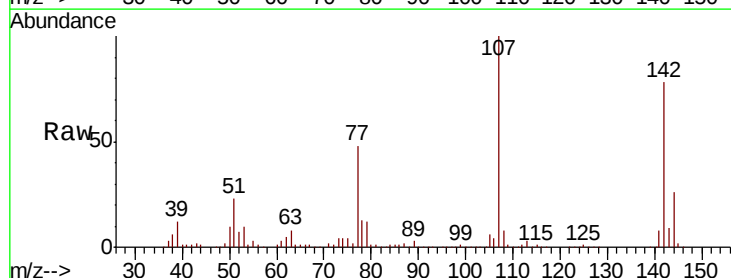
Instrument :
 BNA_F
 ClientSampled :

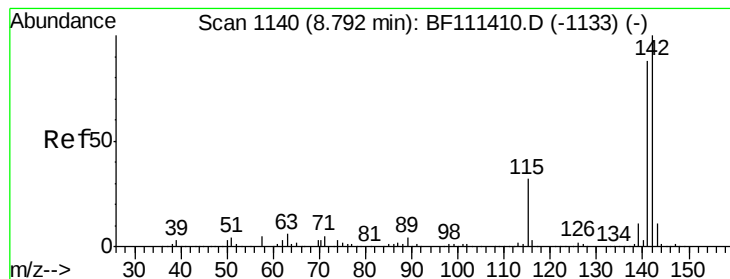
Tot Ion:113 Resp: 151836
 Ion Ratio Lower Upper
 113 100
 55 191.2 184.1 224.1
 56 143.7 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.175 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion:107 Resp: 442271
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.8 29.6
 142 77.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.265 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

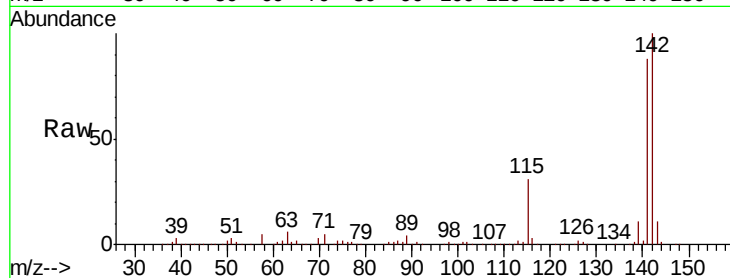
Tot Ion:142 Resp: 952838

Ion Ratio Lower Upper

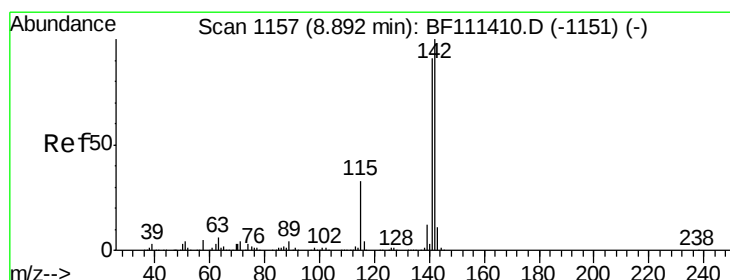
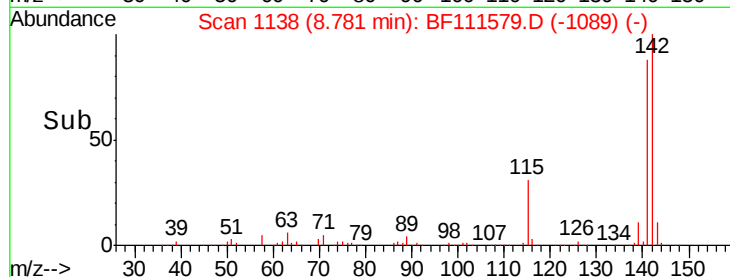
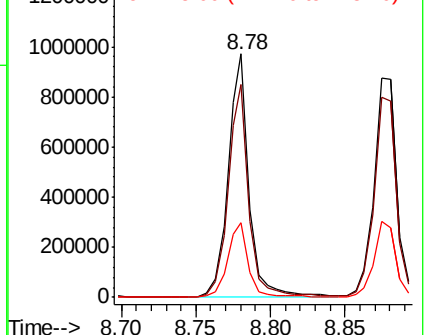
142 100

141 87.5 70.6 105.8

115 30.8 27.0 40.6



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: 38.137 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

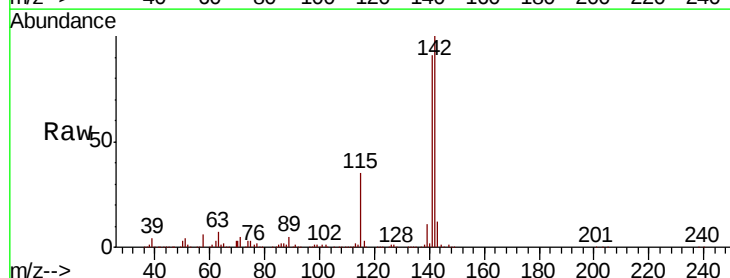
Tgt Ion:142 Resp: 942054

Ion Ratio Lower Upper

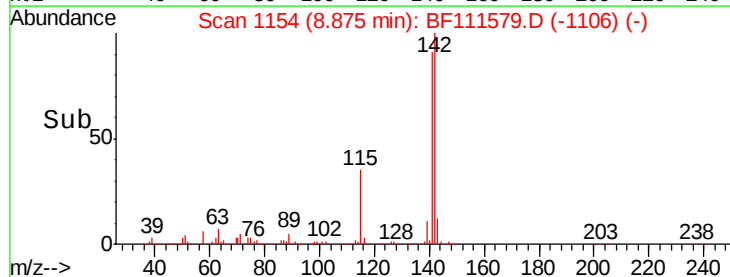
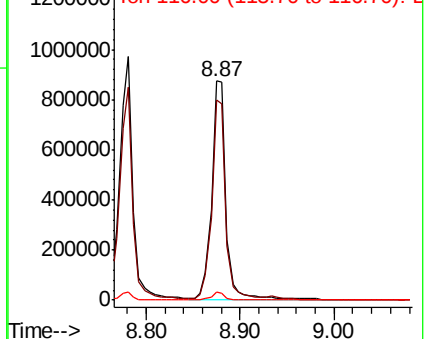
142 100

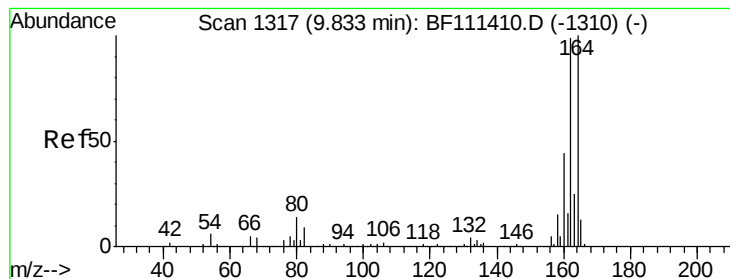
141 91.1 74.2 111.4

116 3.4 2.9 4.3



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampled :

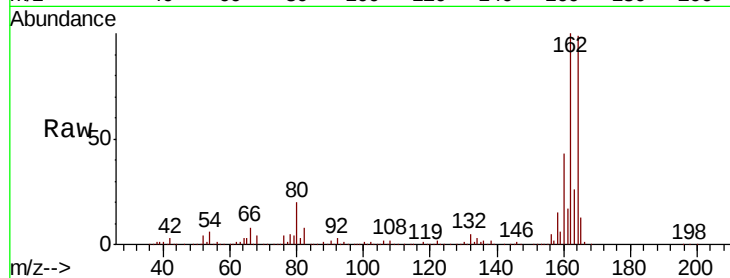
Tot Ion:164 Resp: 382815

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

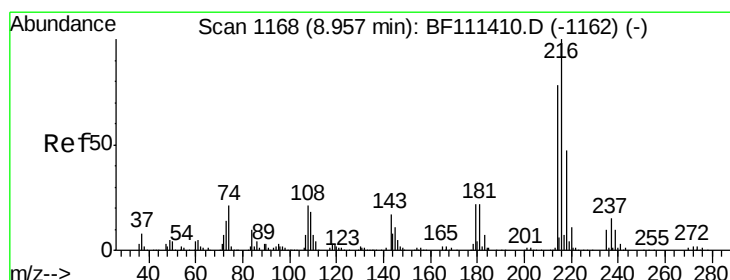
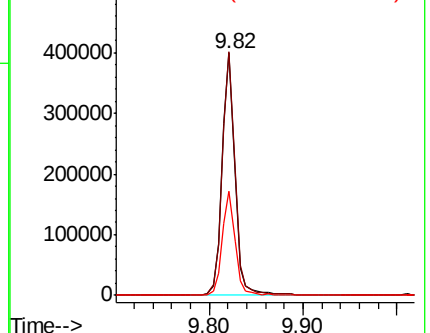
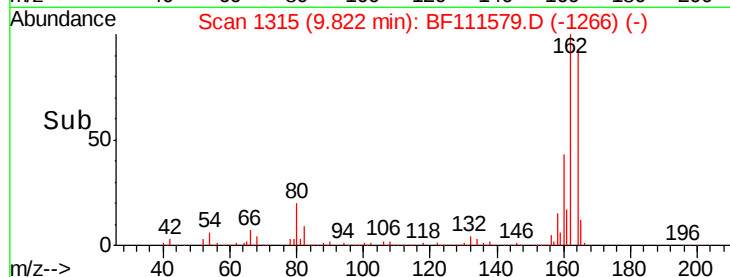
160 43.2 35.7 53.5



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: 39.968 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Tgt Ion:216 Resp: 419601

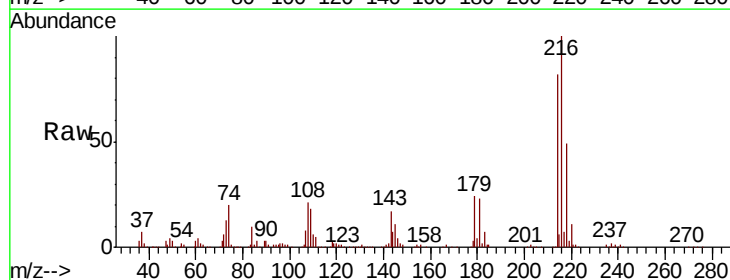
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 22.6 17.9 26.9

108 19.8 18.4 27.6

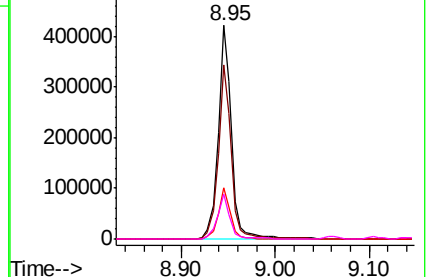
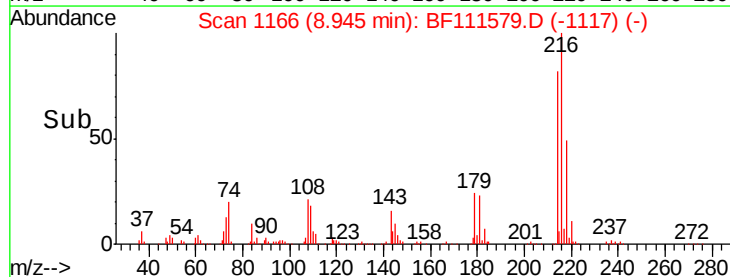


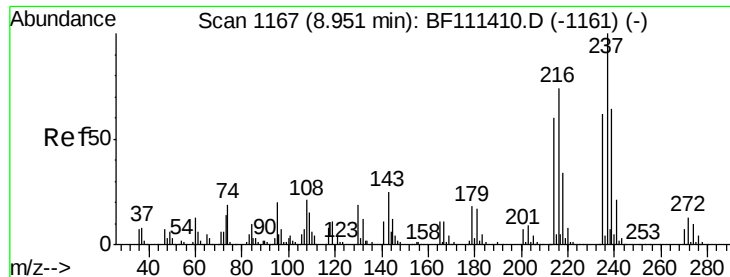
Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.056 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

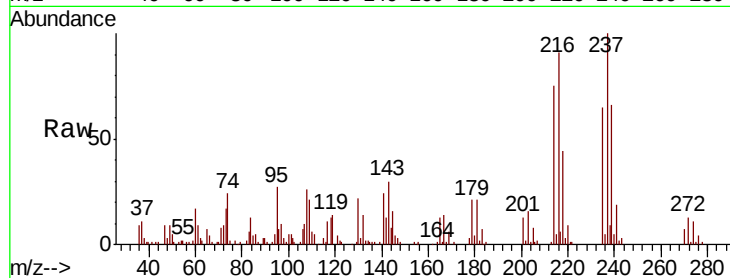
Tot Ion:237 Resp: 59594

Ion Ratio Lower Upper

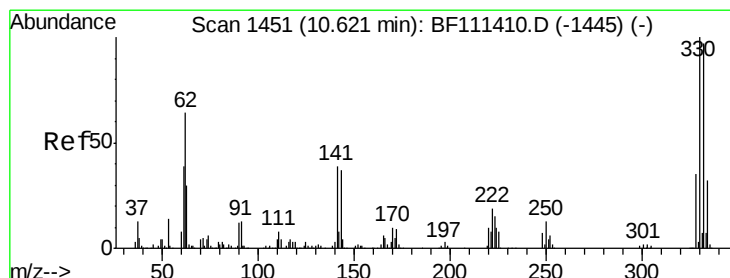
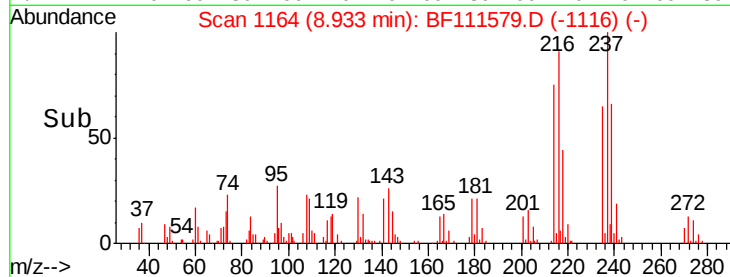
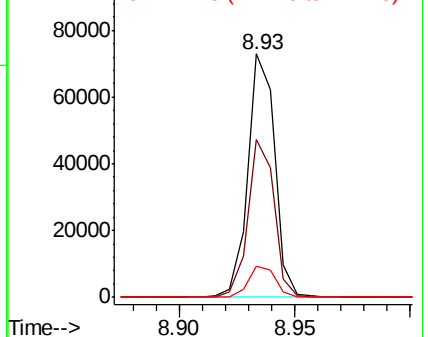
237 100

235 64.9 43.1 83.1

272 12.9 0.0 33.0



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: 73.088 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

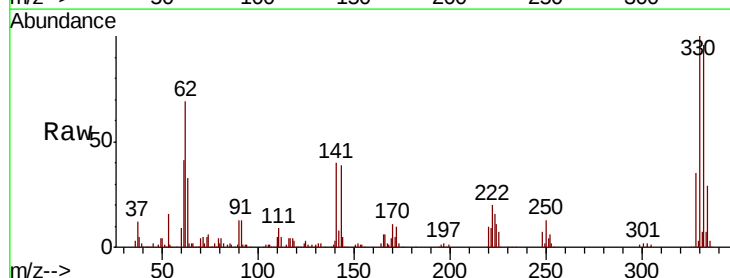
Tgt Ion:330 Resp: 250634

Ion Ratio Lower Upper

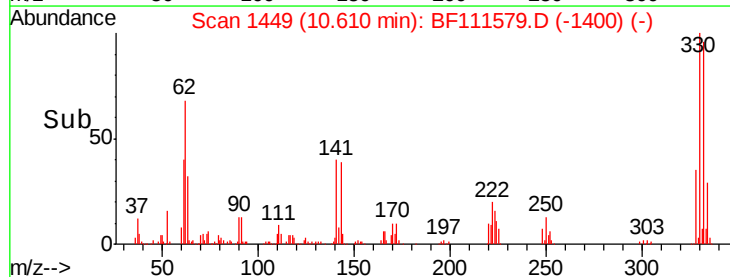
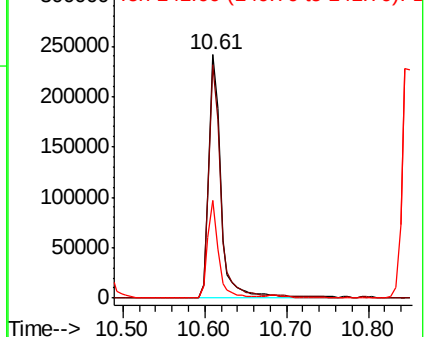
330 100

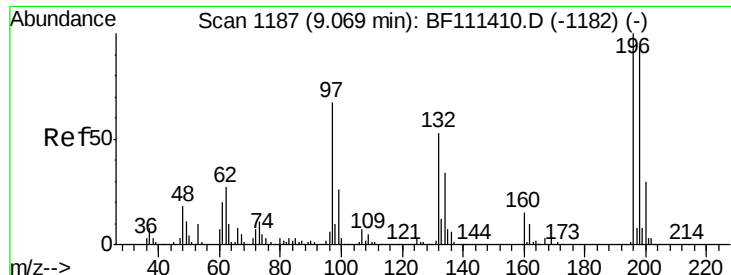
332 95.8 76.0 114.0

141 36.4 31.0 46.6



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

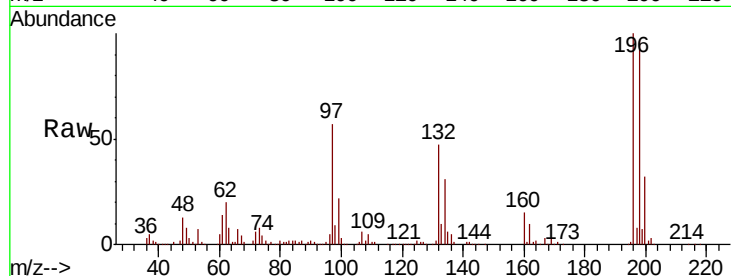




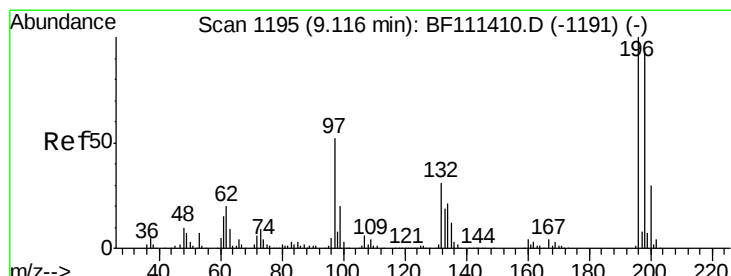
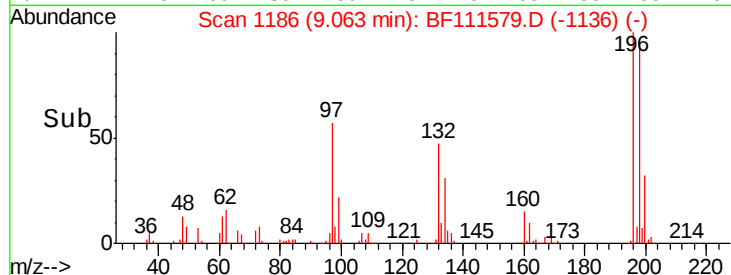
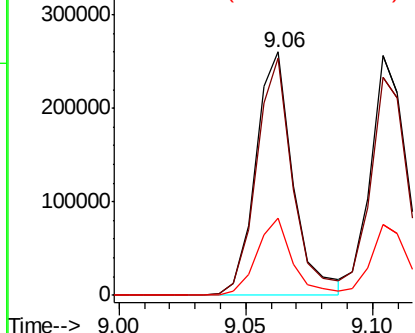
#43
 2,4,6-Trichlorophenol
 Concen: 36.178 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.3	114.5
200	31.5	24.9	37.3



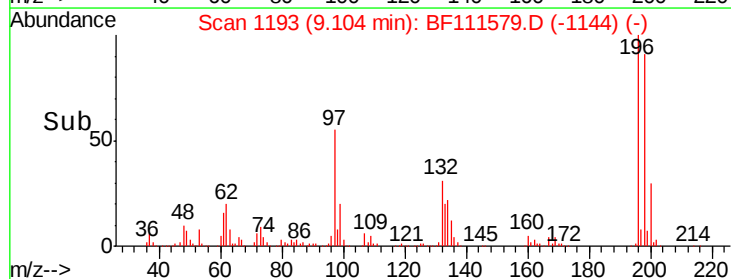
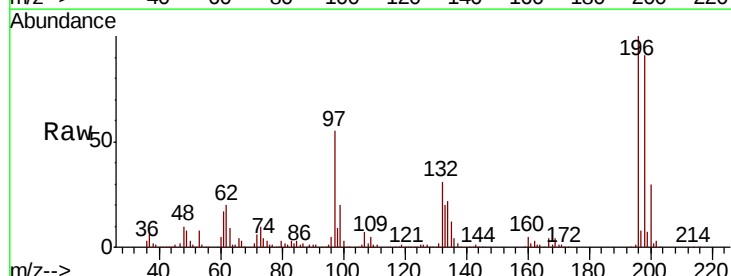
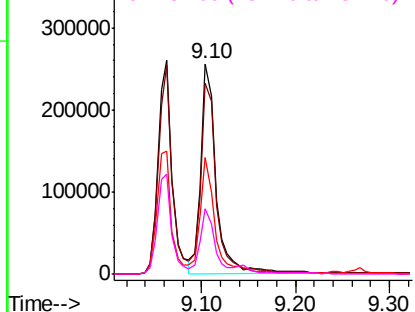
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

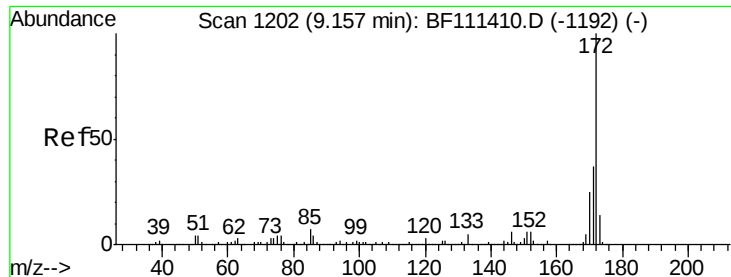


#44
 2,4,5-Trichlorophenol
 Concen: 36.994 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.8	72.9	109.3
97	55.5	45.3	67.9
132	30.8	25.5	38.3

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

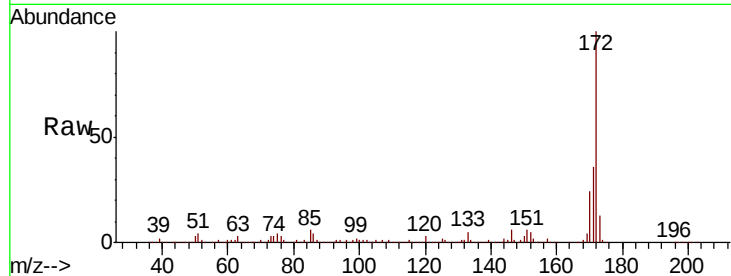




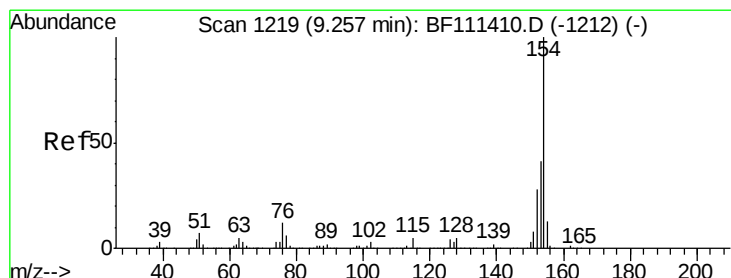
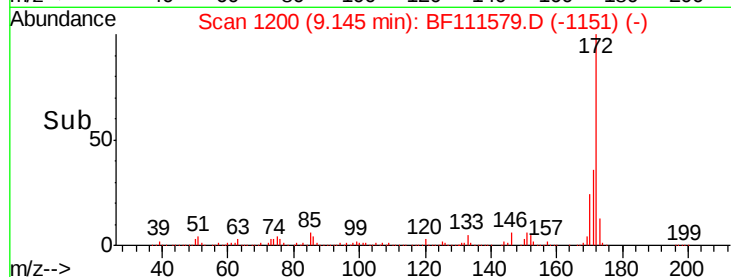
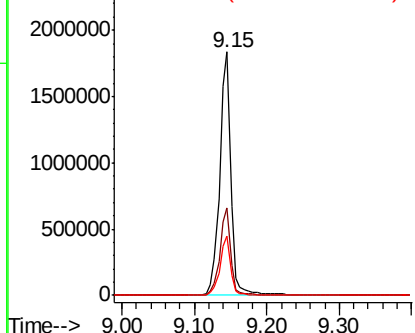
#45
 2-Fluorobiphenyl
 Concen: 79.788 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1977416
 Ion Ratio Lower Upper
 172 100
 171 36.0 33.0 49.4
 170 24.2 22.3 33.5

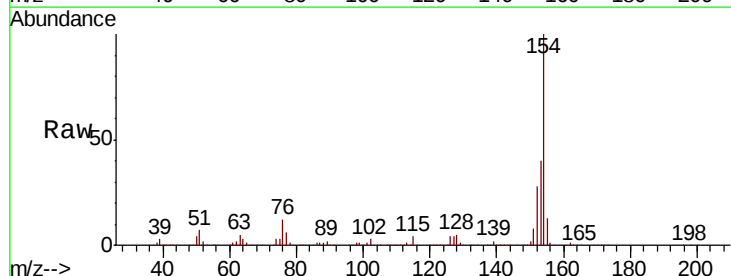


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

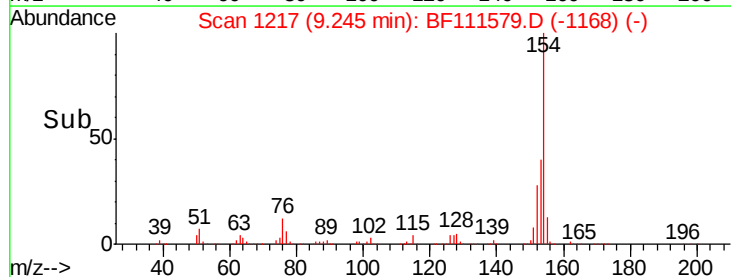
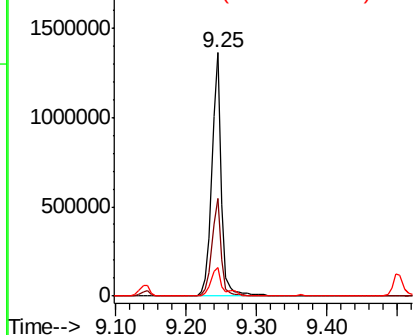


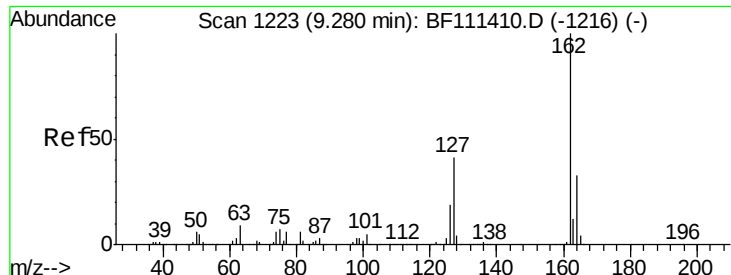
#46
 1,1'-Biphenyl
 Concen: 39.494 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion:154 Resp: 1281036
 Ion Ratio Lower Upper
 154 100
 153 40.2 23.7 63.7
 76 11.8 0.0 35.0



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

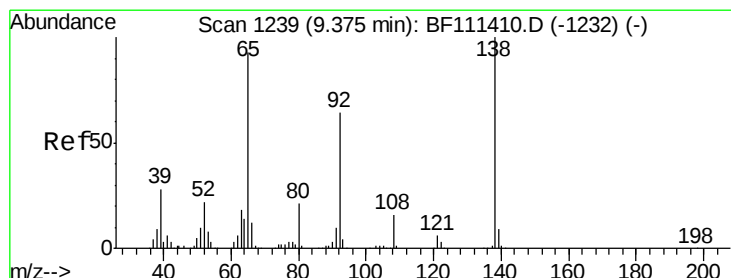
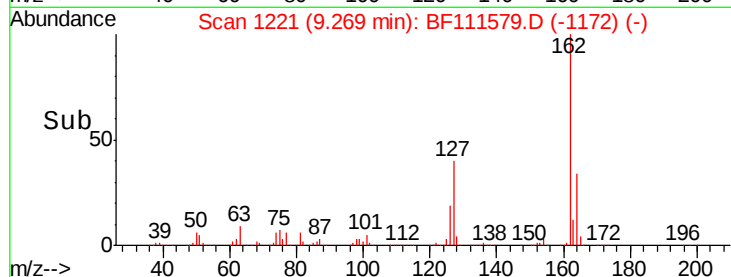
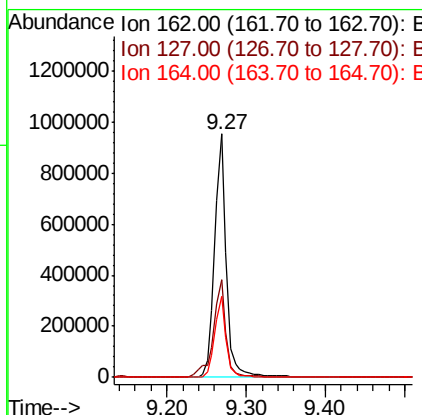
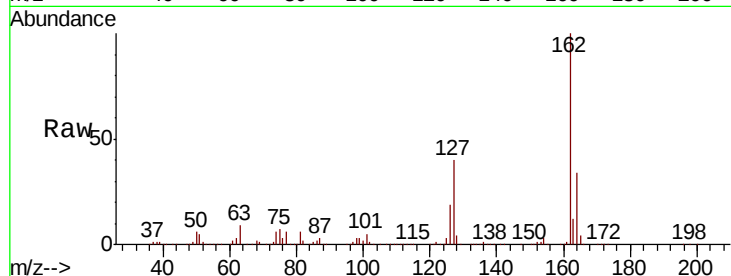




#47
 2-Chloronaphthalene
 Concen: 39.956 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

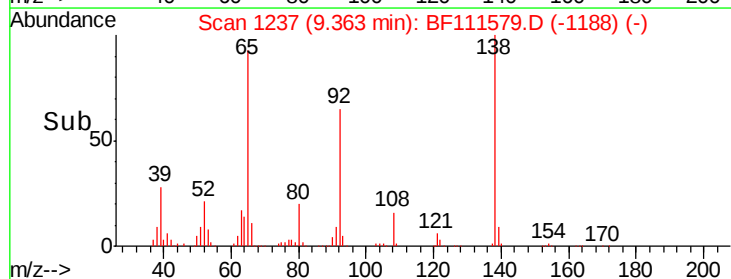
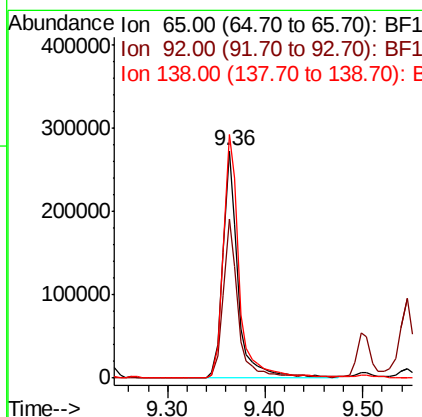
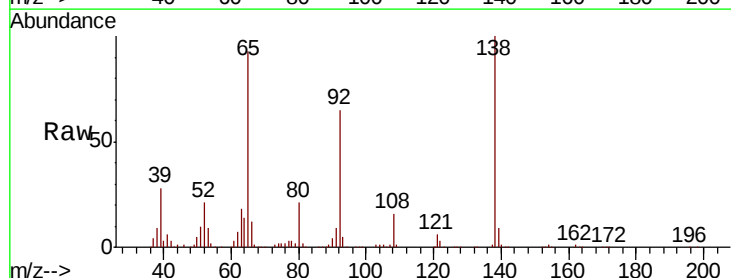
Instrument :
 BNA_F
 ClientSampleId :

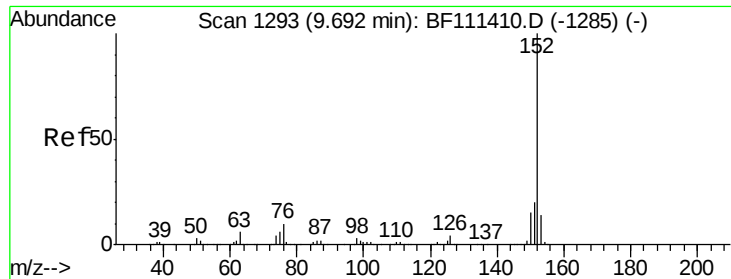
Tot Ion:	162	Resp:	985125
Ion	Ratio	Lower	Upper
162	100		
127	40.0	35.0	52.4
164	33.5	28.4	42.6



#48
 2-Nitroaniline
 Concen: 36.980 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion:	65	Resp:	296042
Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.5	80.3
138	107.0	80.9	121.3





#49

Acenaphthylene

Concen: 39.368 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

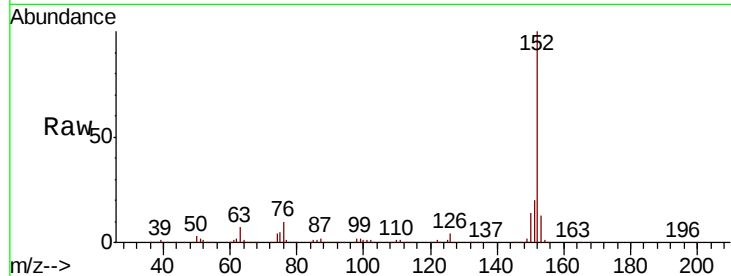
Tot Ion:152 Resp: 1440772

Ion Ratio Lower Upper

152 100

151 19.8 18.0 27.0

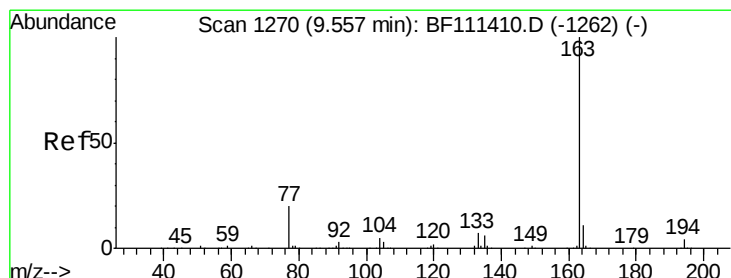
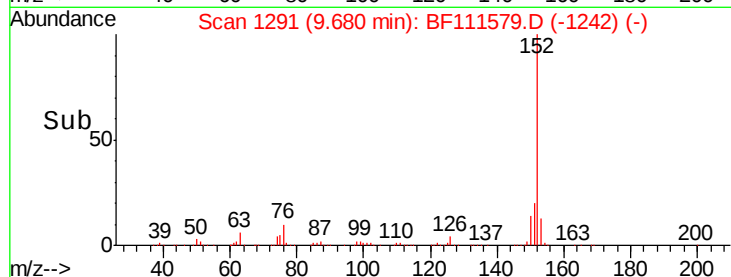
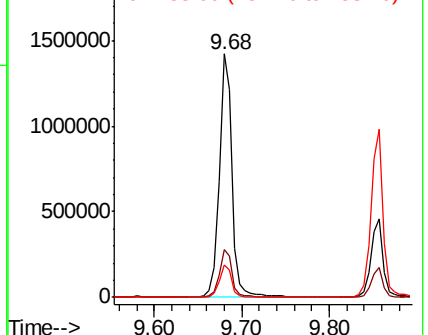
153 13.3 12.3 18.5



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: 38.811 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

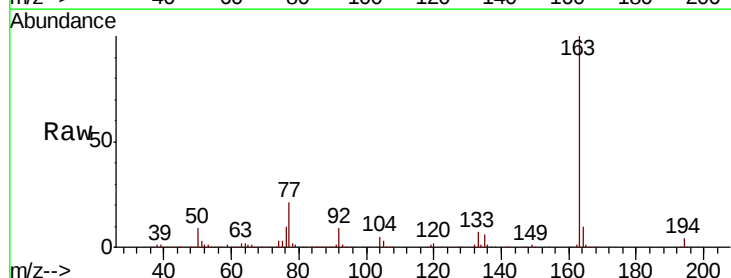
Tgt Ion:163 Resp: 1070013

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

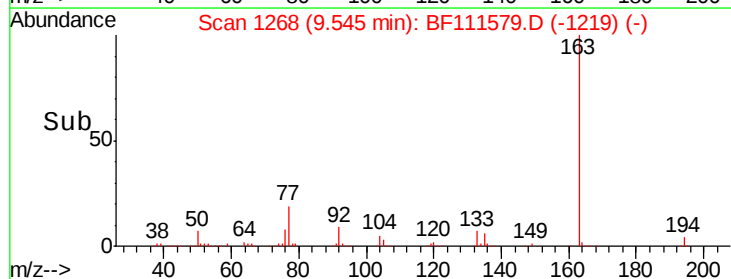
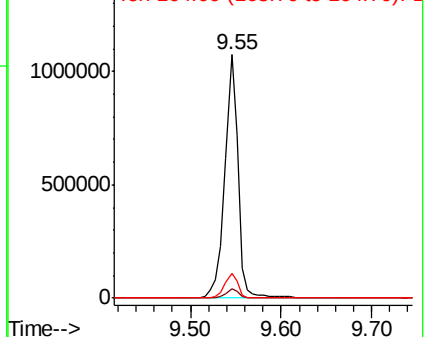
164 10.3 8.9 13.3

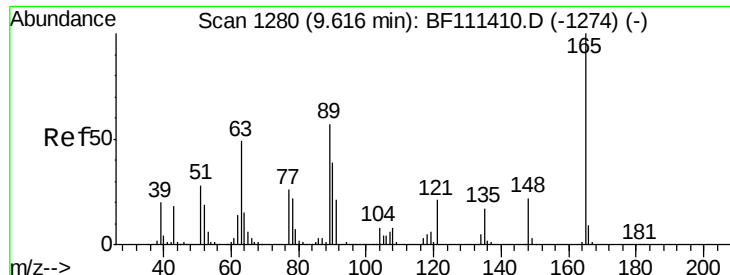


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.568 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

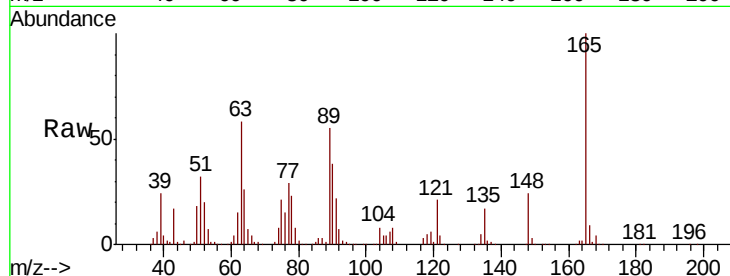
Tot Ion:165 Resp: 239339

Ion Ratio Lower Upper

165 100

63 58.2 40.5 60.7

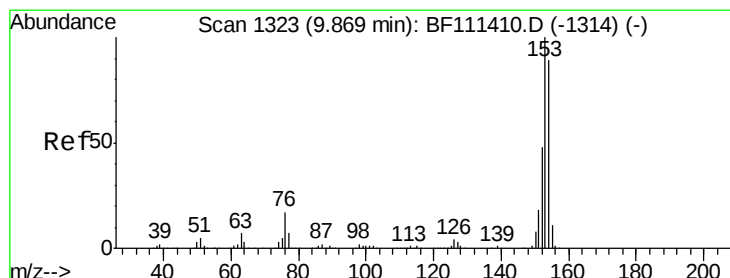
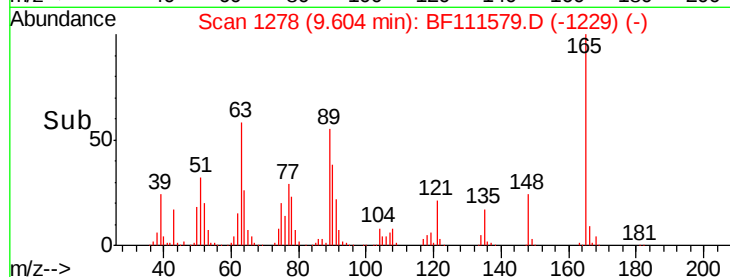
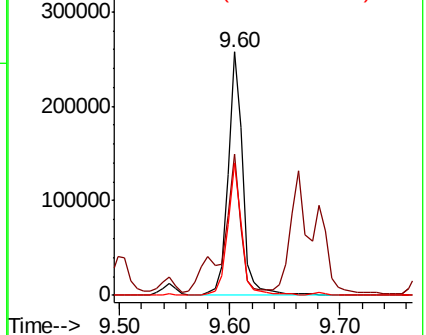
89 54.5 40.0 60.0



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: 37.755 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

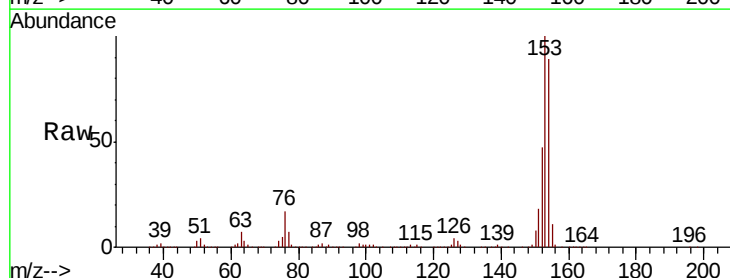
Tgt Ion:154 Resp: 873332

Ion Ratio Lower Upper

154 100

153 111.9 87.8 131.8

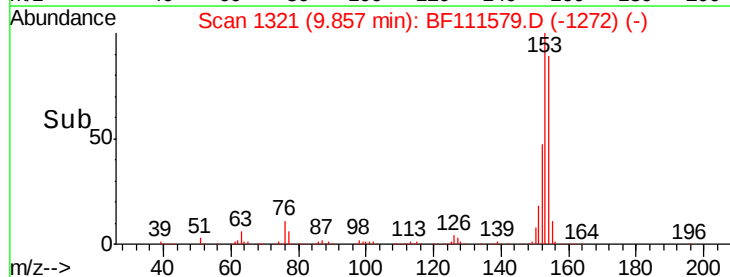
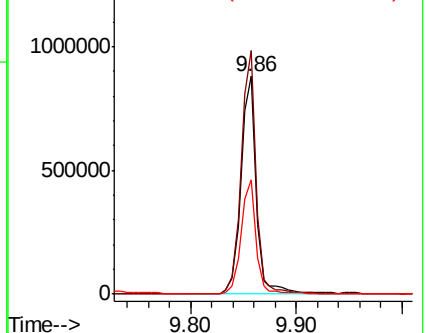
152 52.5 43.4 65.2

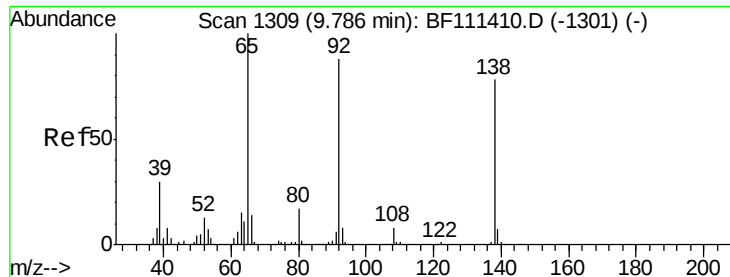


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

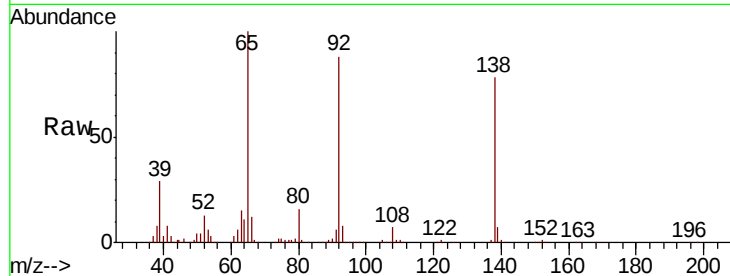




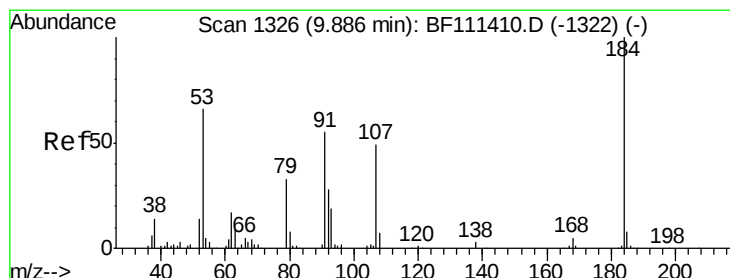
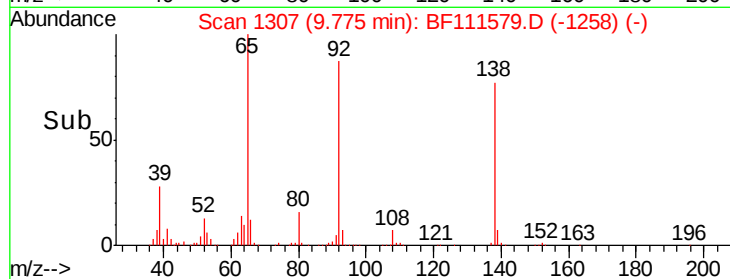
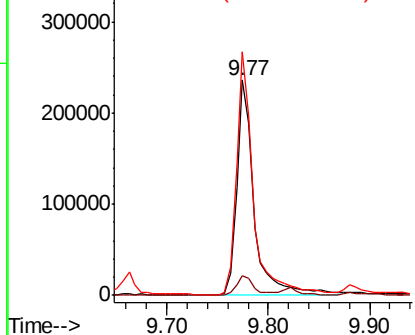
#53
3-Nitroaniline
Concen: 36.714 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 276734
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.4
92 113.1 93.4 140.2

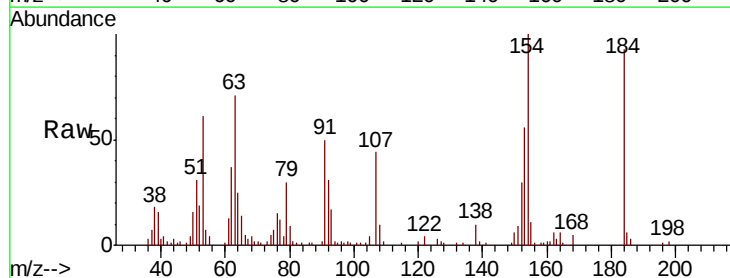


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

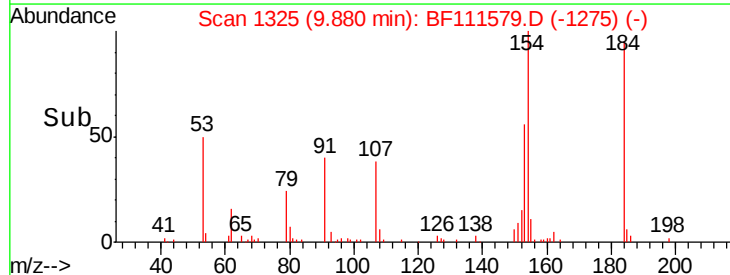
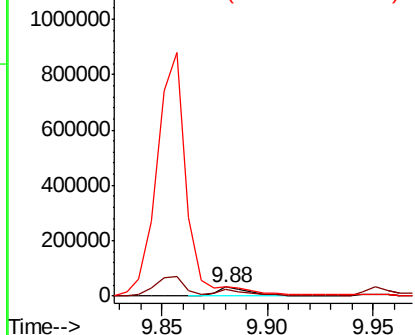


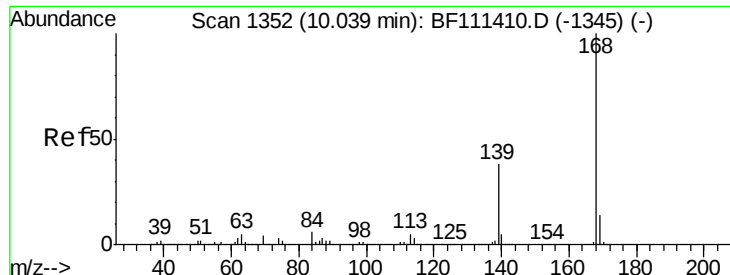
#54
2,4-Dinitrophenol
Concen: 16.241 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:184 Resp: 38343
Ion Ratio Lower Upper
184 100
63 76.3 62.3 93.5
154 107.5 56.2 84.2#



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

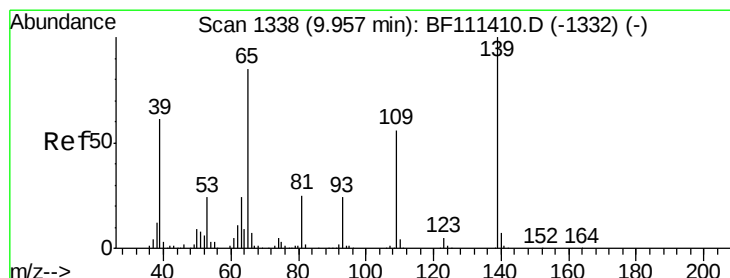
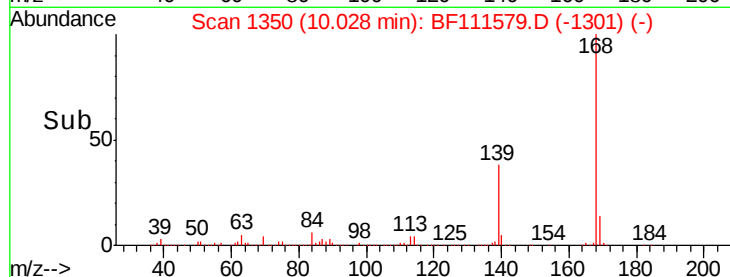
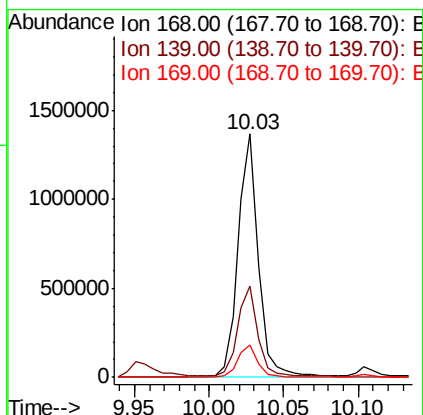
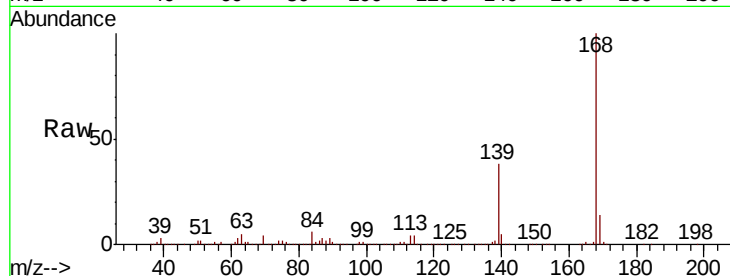




#55
Dibenzofuran
Concen: 38.916 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

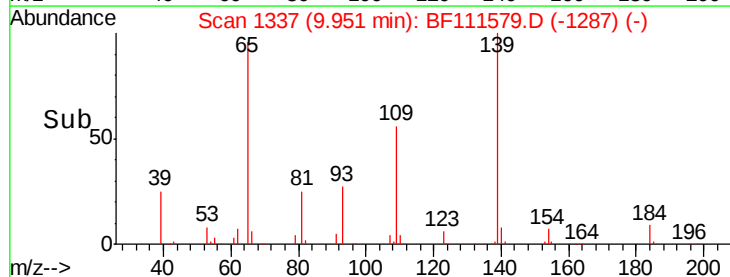
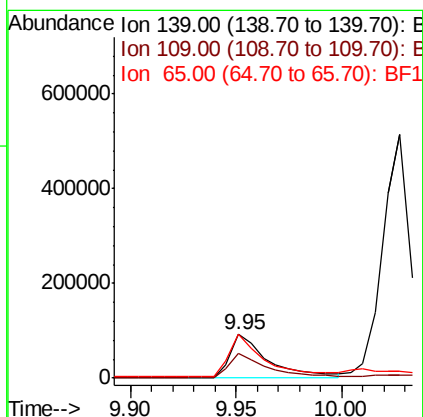
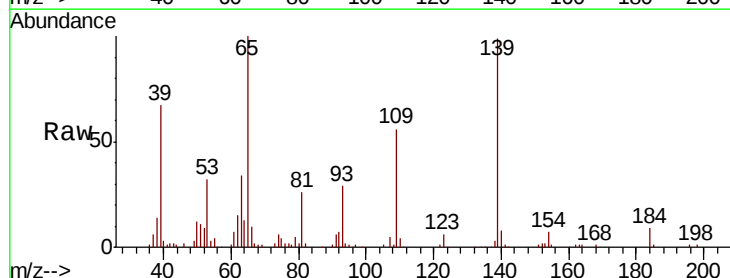
Instrument :
BNA_F
ClientSampleId :

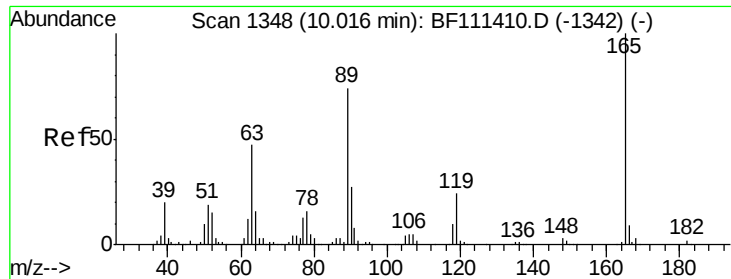
Tot Ion:168 Resp: 1306631
Ion Ratio Lower Upper
168 100
139 37.6 32.6 49.0
169 13.6 11.8 17.6



#56
4-Nitrophenol
Concen: 22.370 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:139 Resp: 116692
Ion Ratio Lower Upper
139 100
109 56.7 41.8 81.8
65 100.8 79.6 119.6

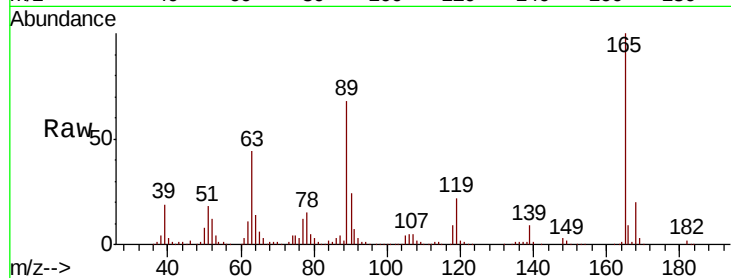




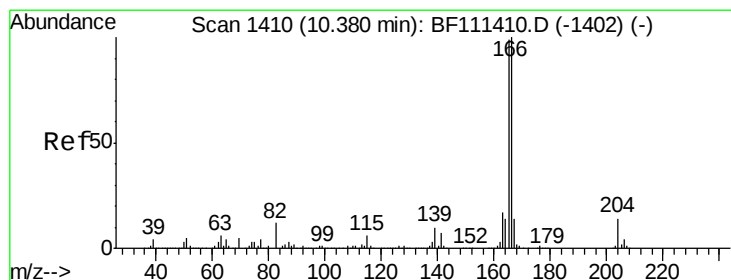
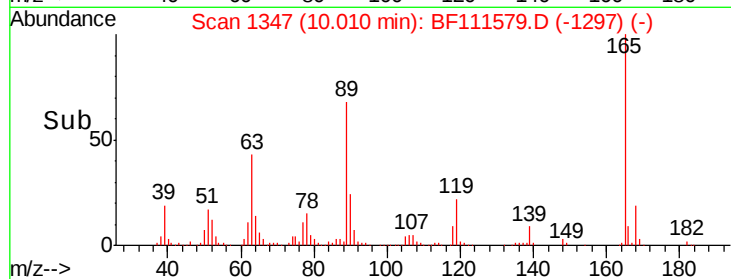
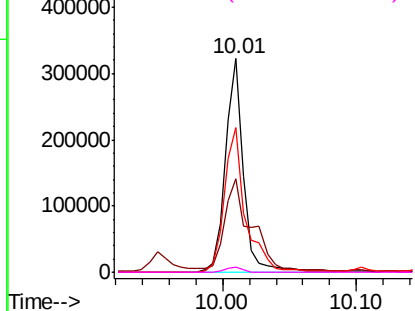
#57
2,4-Dinitrotoluene
Concen: 37.886 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	308583
Ion Ratio	Lower	Upper
165	100	
63	43.9	34.6 52.0
89	67.5	56.2 84.4
182	2.4	1.8 2.6

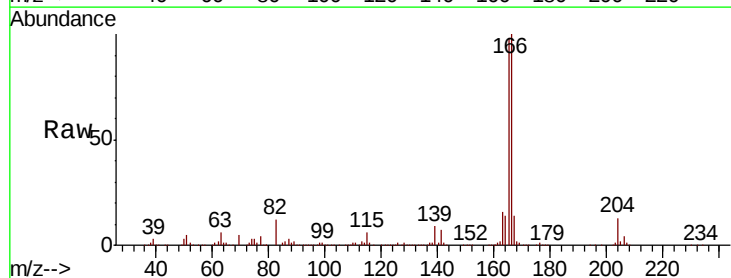


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

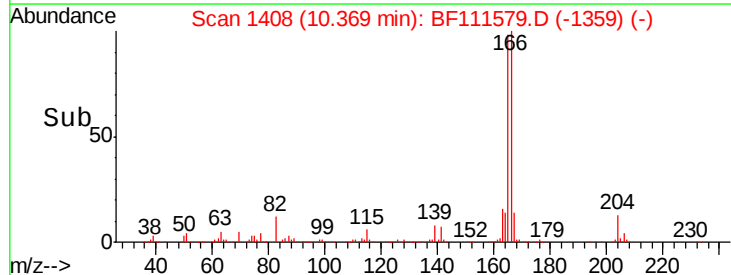
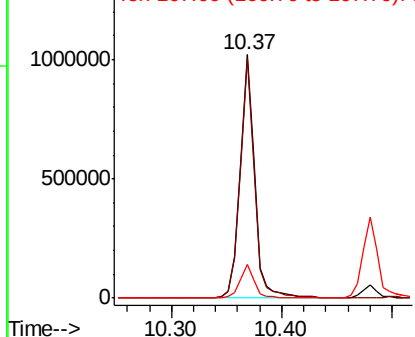


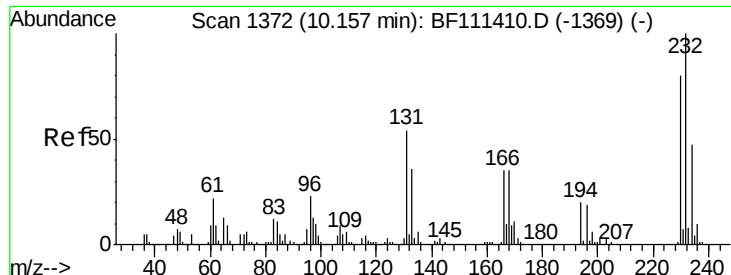
#58
Fluorene
Concen: 39.008 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:166	Resp:	950000
Ion Ratio	Lower	Upper
166	100	
165	98.4	78.4 117.6
167	13.6	11.2 16.8



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

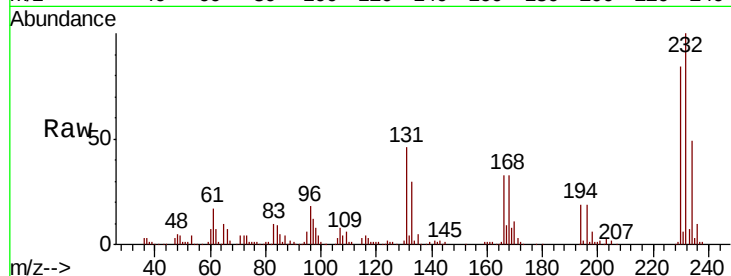




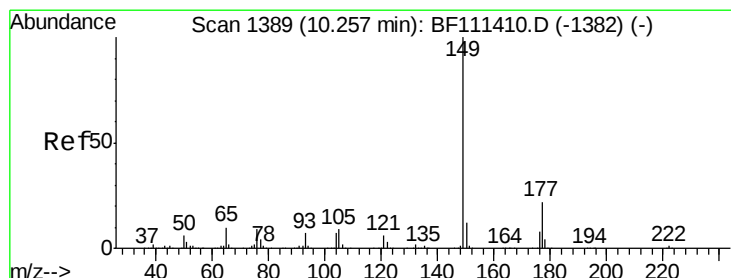
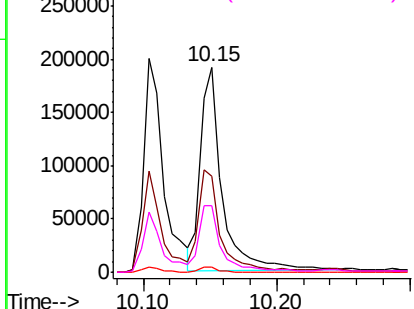
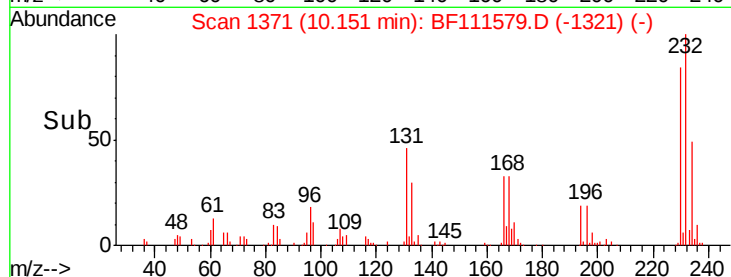
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.938 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 215835
Ion Ratio Lower Upper
232 100
131 51.1 40.9 61.3
130 2.4 2.0 3.0
166 32.2 26.8 40.2

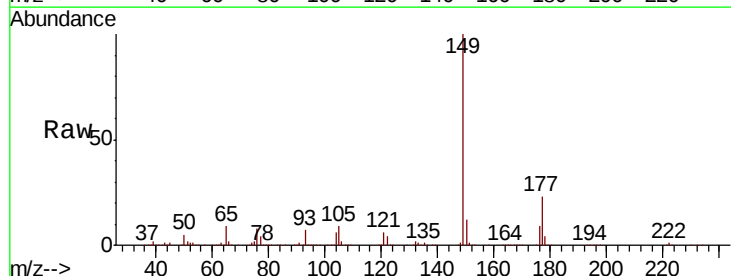


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

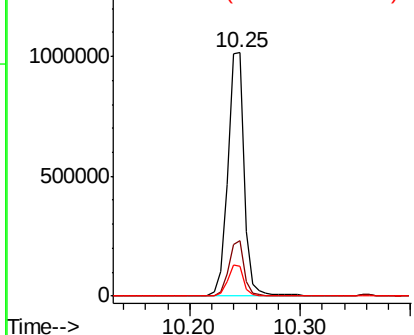
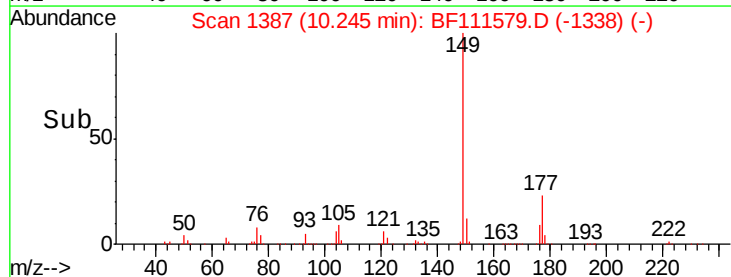


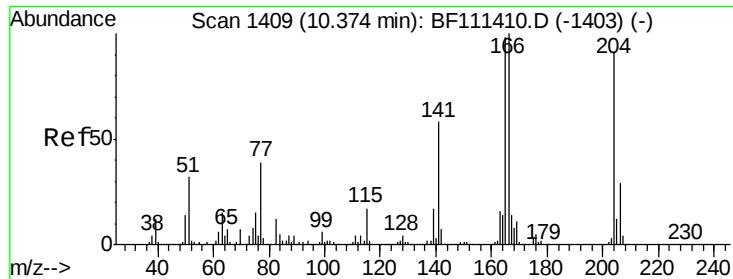
#60
Diethylphthalate
Concen: 38.159 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:149 Resp: 1065640
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 12.3 10.6 15.8



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

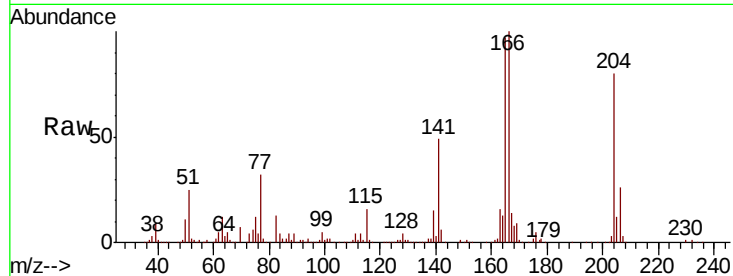




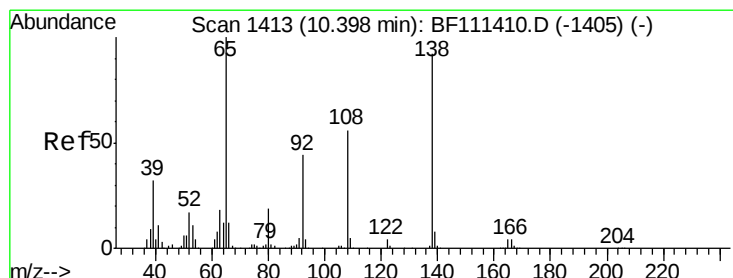
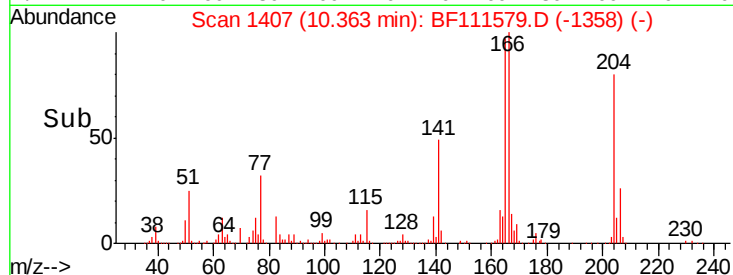
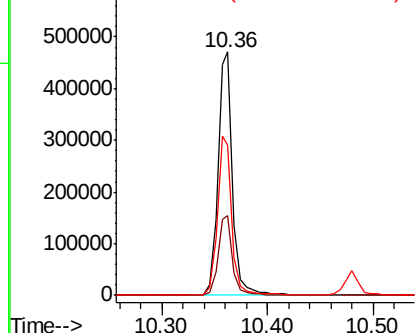
#61
4-Chlorophenyl-phenylether
Concen: 38.762 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 461851
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 61.6 52.6 78.8

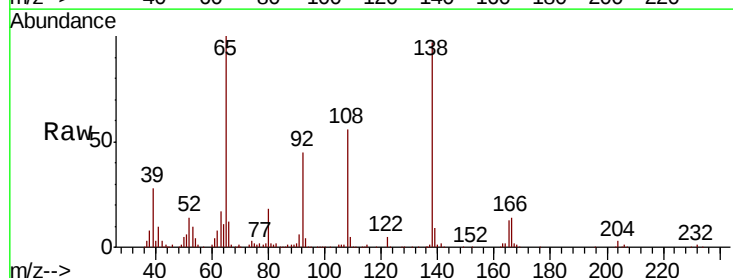


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

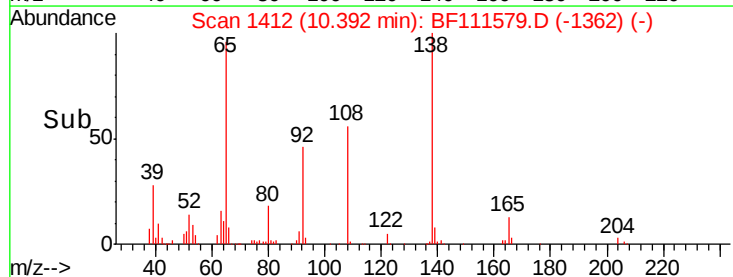
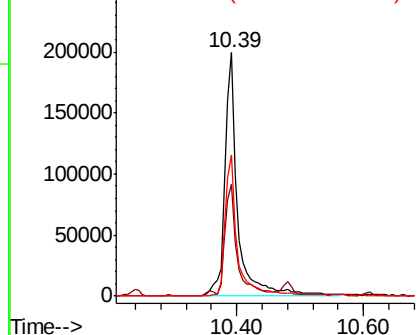


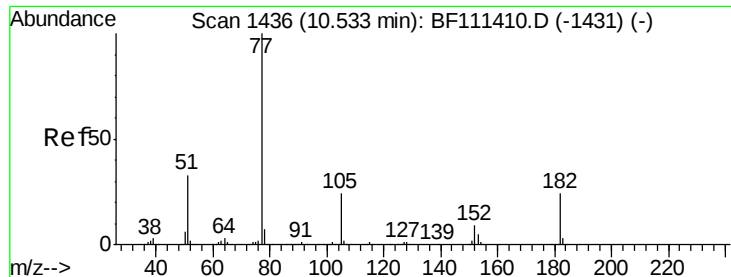
#62
4-Nitroaniline
Concen: 37.254 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:138 Resp: 277981
Ion Ratio Lower Upper
138 100
92 46.1 29.9 69.9
108 57.7 43.2 83.2



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





#63

Azobenzene

Concen: 37.733 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1038843

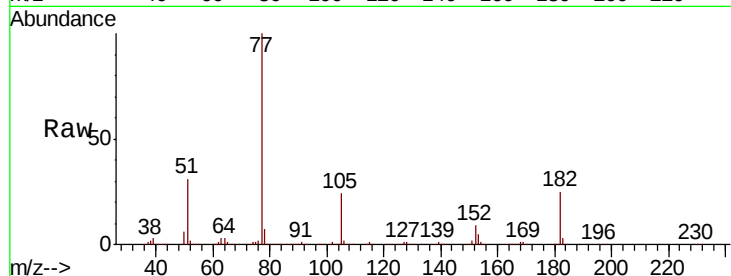
Ion Ratio Lower Upper

77 100

182 24.5 4.9 44.9

105 24.4 6.0 46.0

51 31.4 14.7 54.7

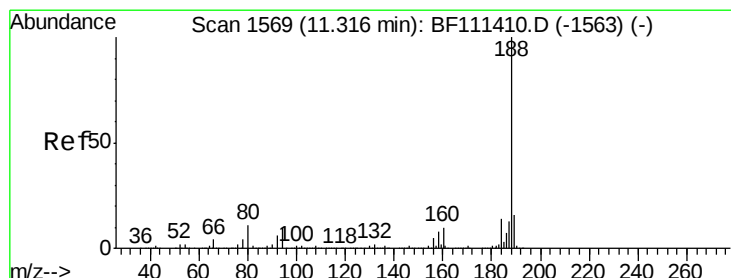
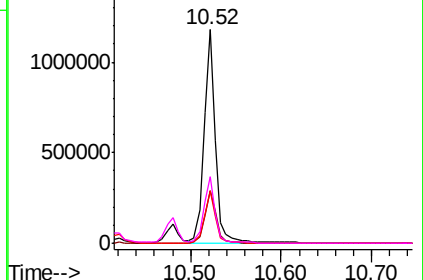
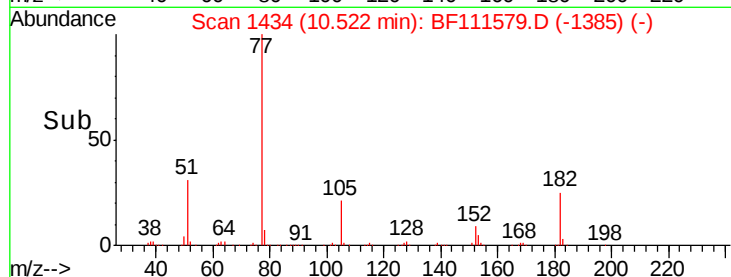


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

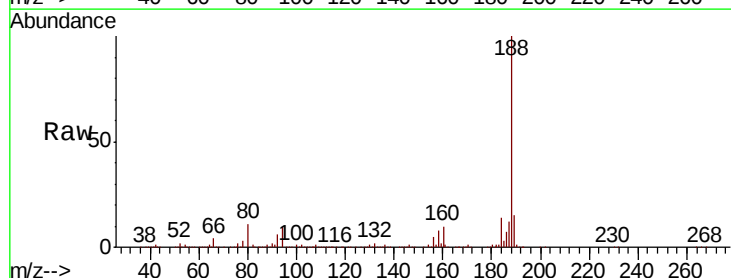
Tgt Ion: 188 Resp: 661976

Ion Ratio Lower Upper

188 100

94 10.5 9.6 14.4

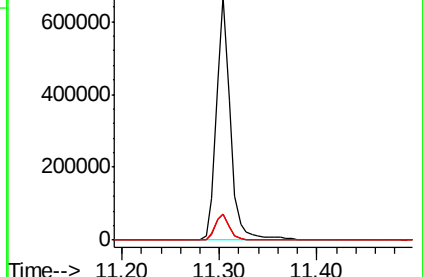
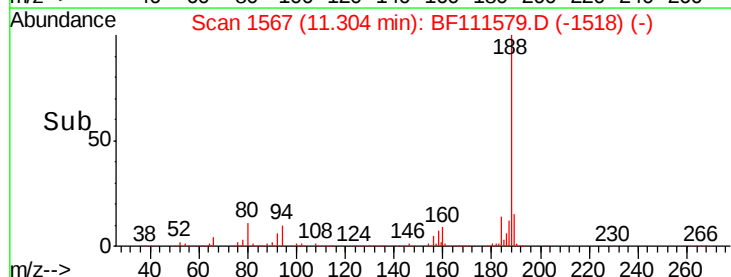
80 10.7 9.8 14.6

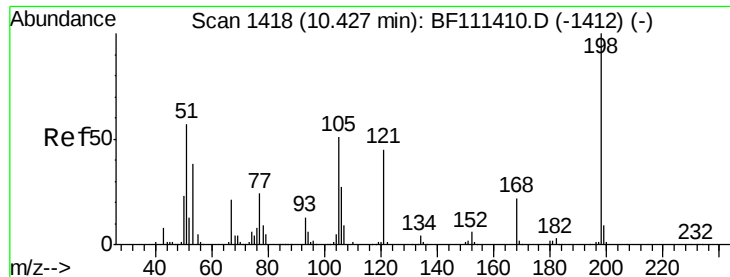


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

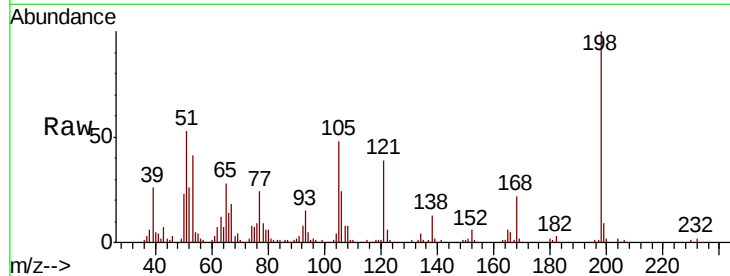




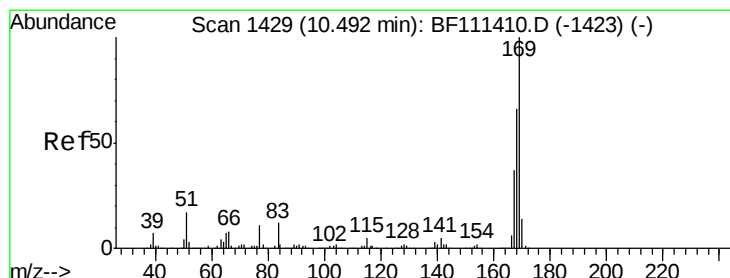
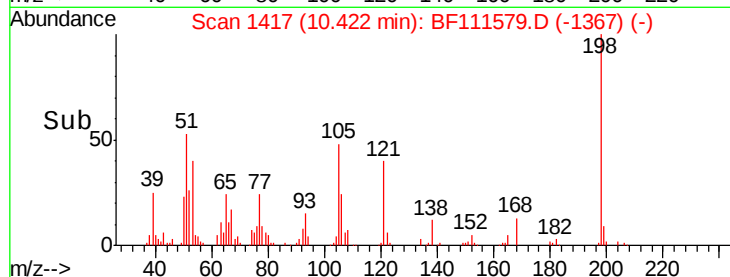
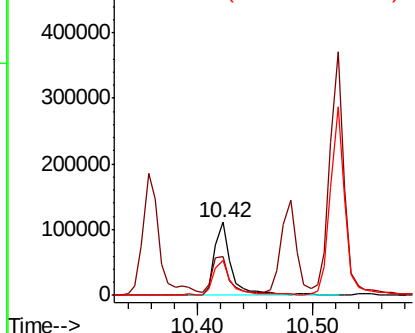
#65
4,6-Dinitro-2-methylphenol
Concen: 29.896 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 111726
Ion Ratio Lower Upper
198 100
51 52.5 48.0 88.0
105 47.8 34.0 74.0

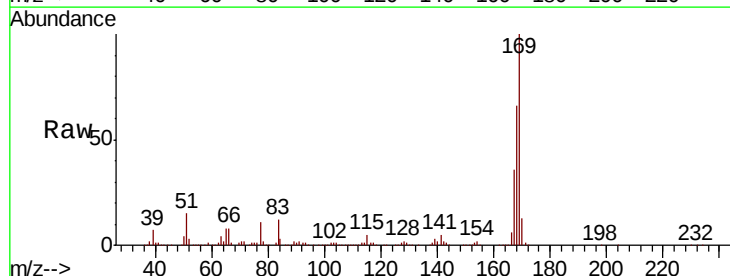


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

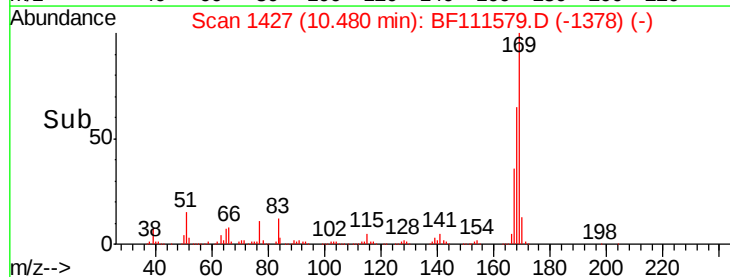
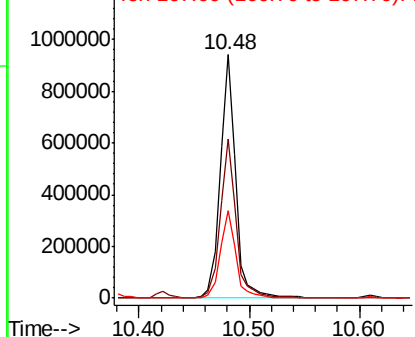


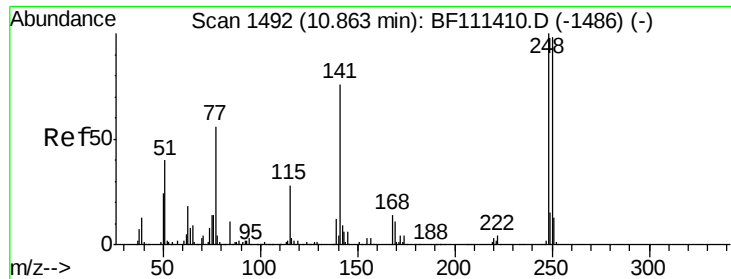
#66
n-Nitrosodiphenylamine
Concen: 39.981 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:169 Resp: 912691
Ion Ratio Lower Upper
169 100
168 65.5 54.4 81.6
167 35.8 30.5 45.7



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

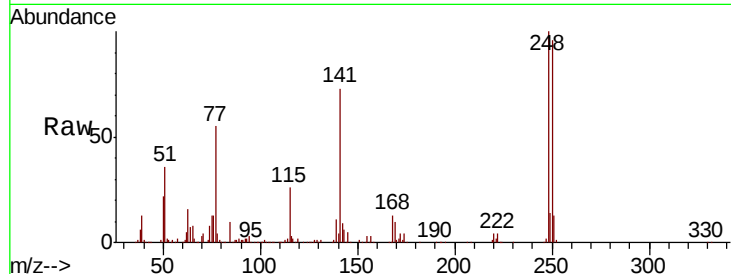




#67
4-Bromophenyl-phenylether
Concen: 40.217 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.0	115.4
141	72.7	63.0	94.6

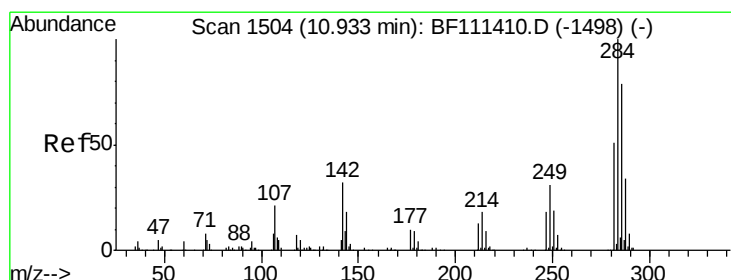
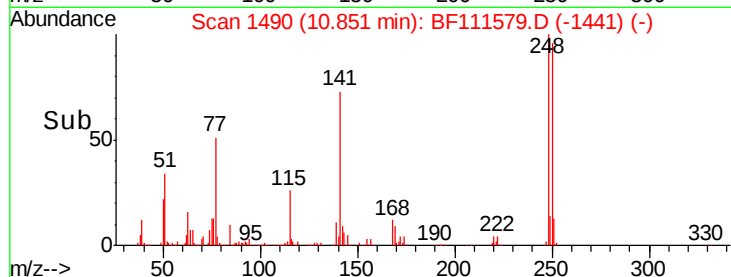
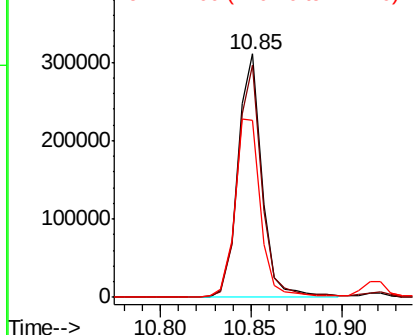


Abundance

Ion 248.00 (247.70 to 248.70): E

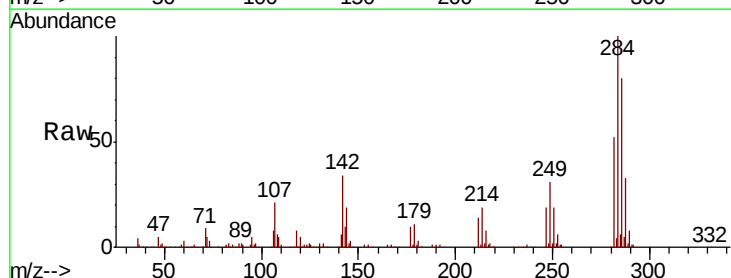
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.987 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	27.4	41.2
249	31.5	24.4	36.6

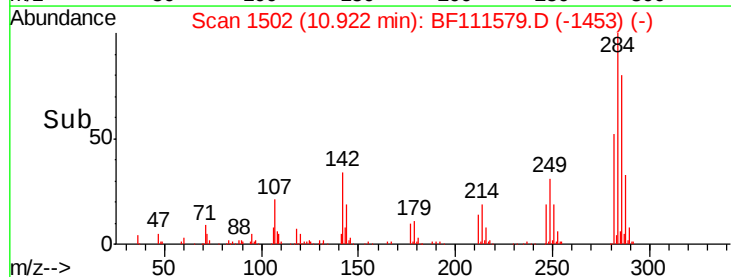
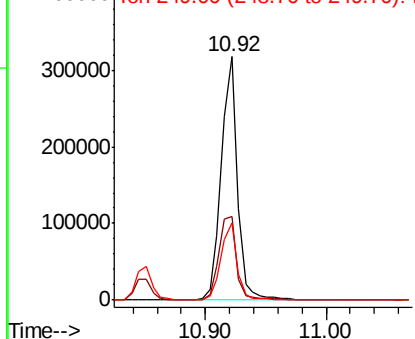


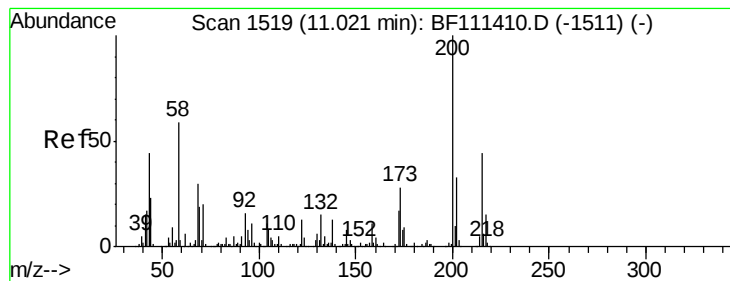
Abundance

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: 38.860 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

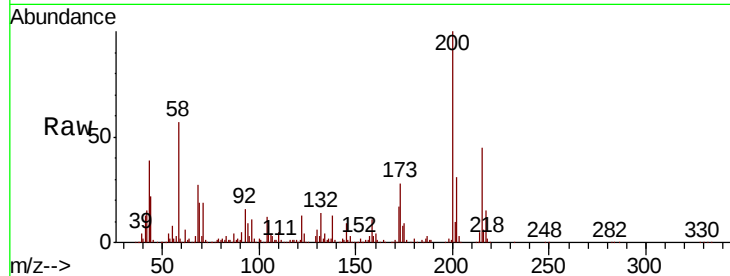
Tot Ion:200 Resp: 256367

Ion Ratio Lower Upper

200 100

173 27.8 10.1 50.1

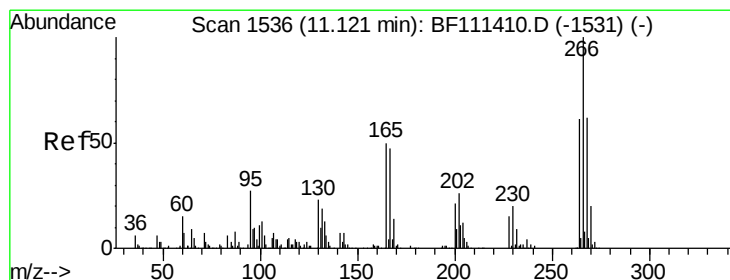
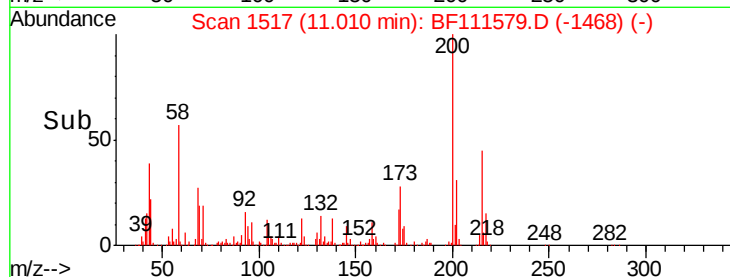
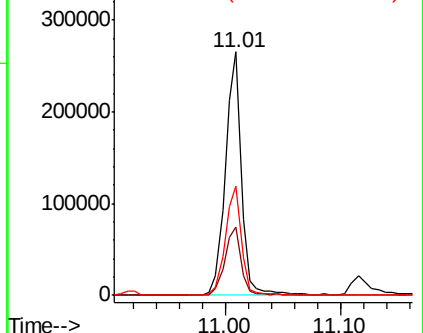
215 44.8 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.868 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

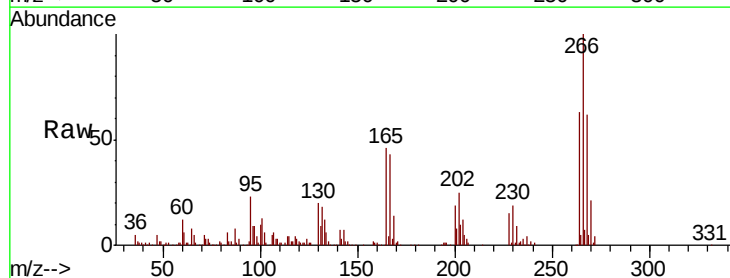
Tgt Ion:266 Resp: 156959

Ion Ratio Lower Upper

266 100

268 61.8 47.9 71.9

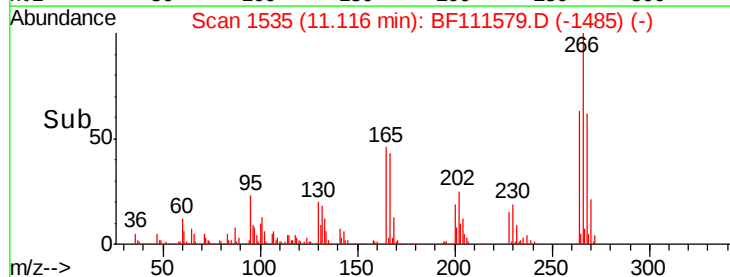
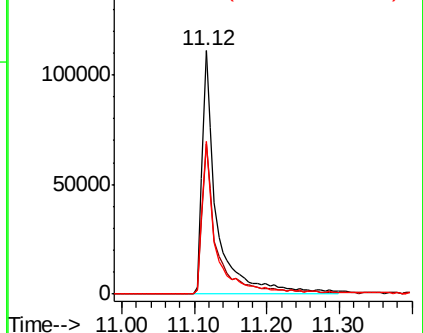
264 63.0 49.1 73.7

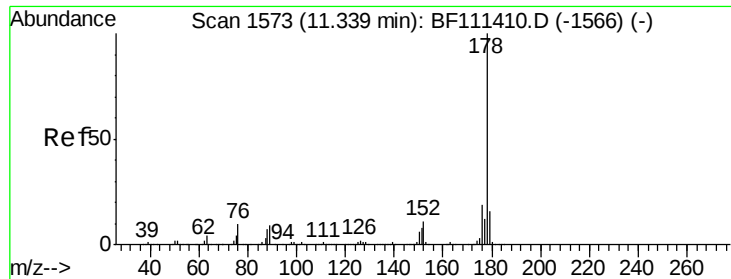


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.329 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

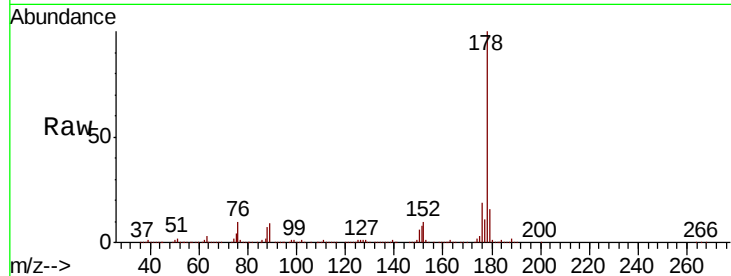
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1341529

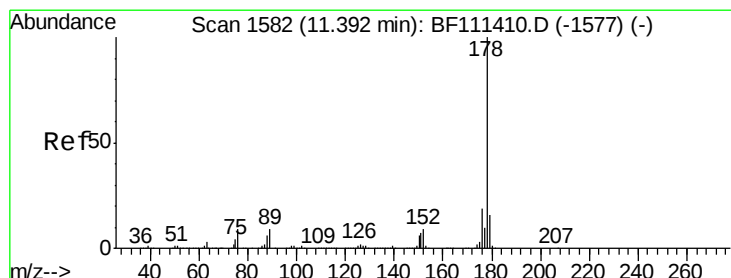
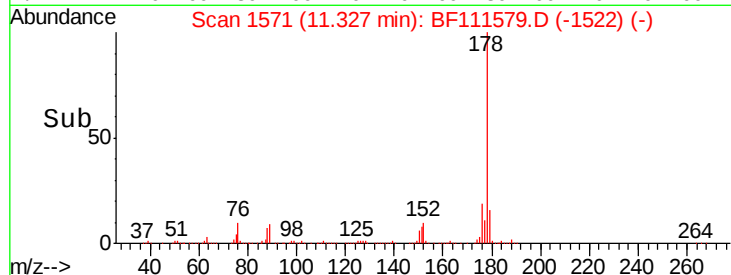
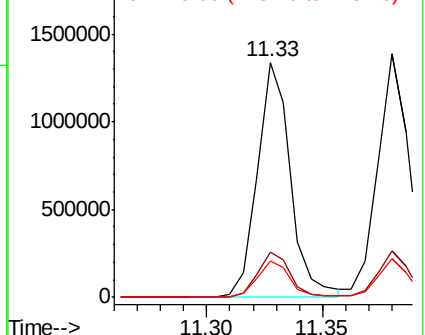
Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.1	27.1
179	15.7	14.0	21.0



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: 40.800 ng

RT: 11.38 min Scan# 1580

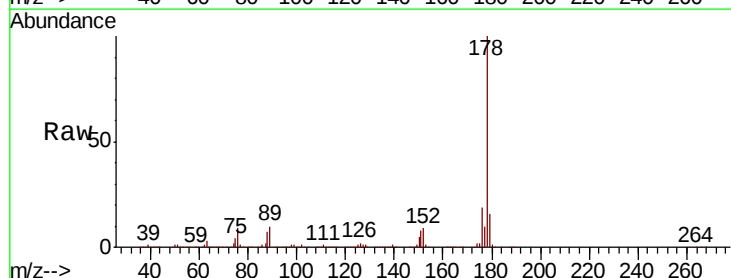
Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Tgt Ion:178 Resp: 1423278

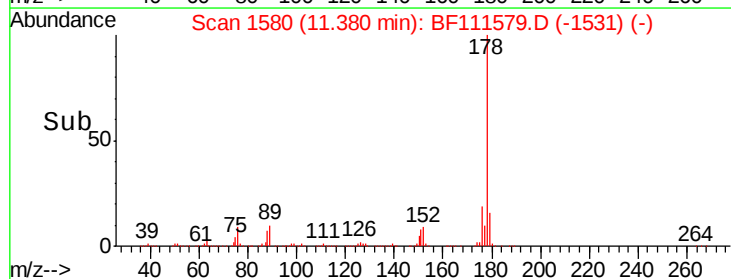
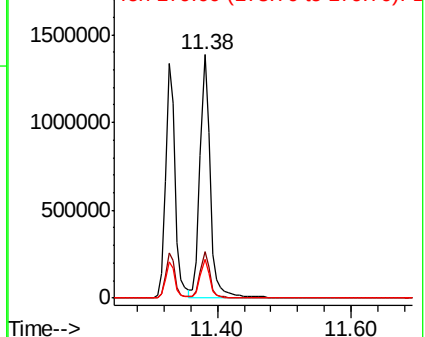
Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.2	25.8
179	16.0	13.8	20.8

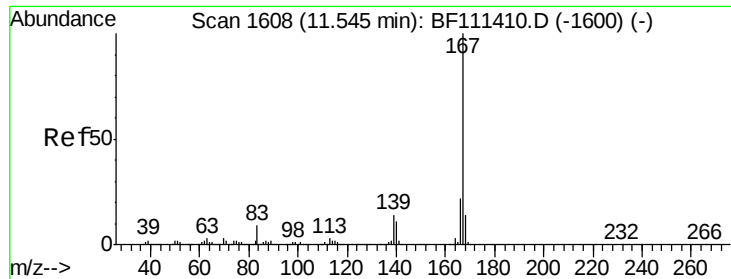


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

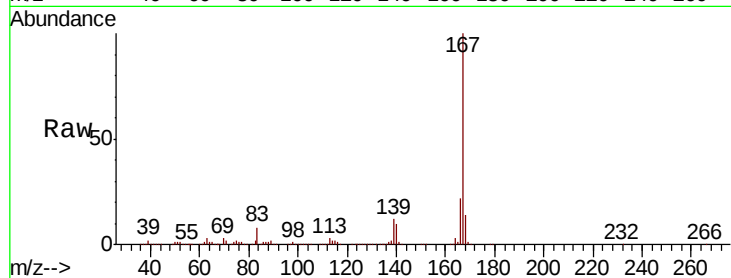




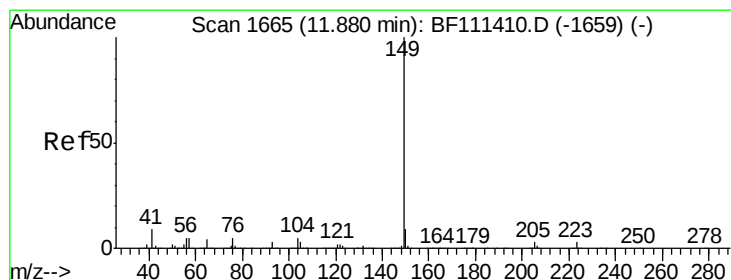
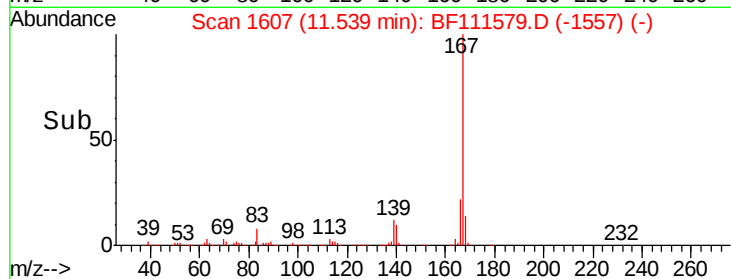
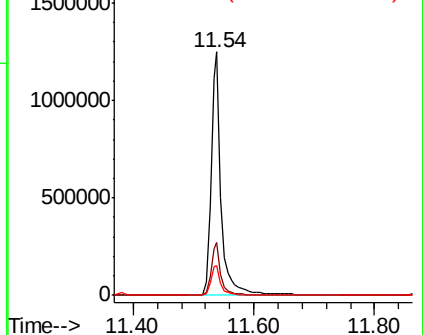
#73
 Carbazole
 Concen: 40.178 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1449352
 Ion Ratio Lower Upper
 167 100
 166 21.6 19.3 28.9
 139 12.4 11.9 17.9

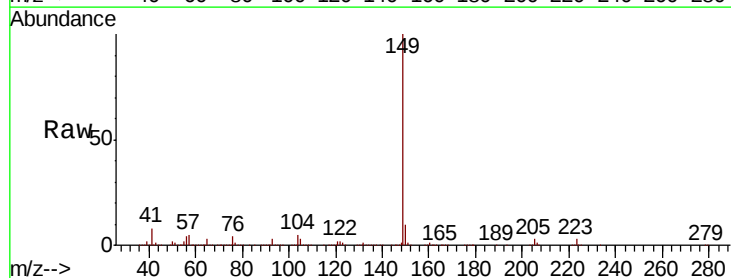


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

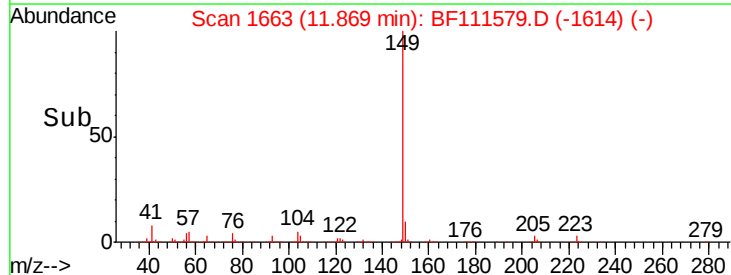
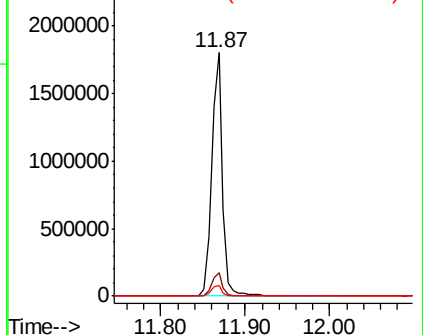


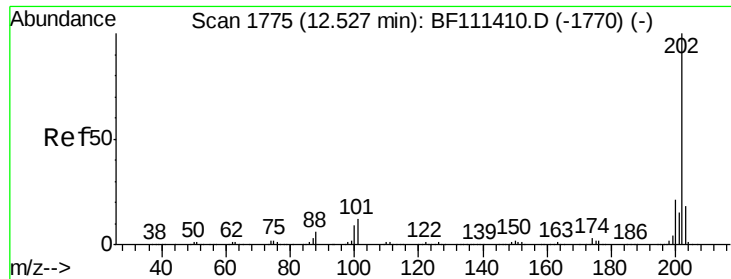
#74
 Di-n-butylphthalate
 Concen: 40.366 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BF111579.D
 Acq: 18 Dec 2018 15:21

Tgt Ion:149 Resp: 1621680
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.8 13.2
 104 4.6 4.5 6.7



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

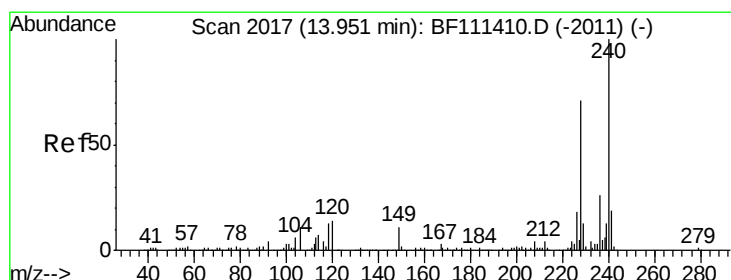
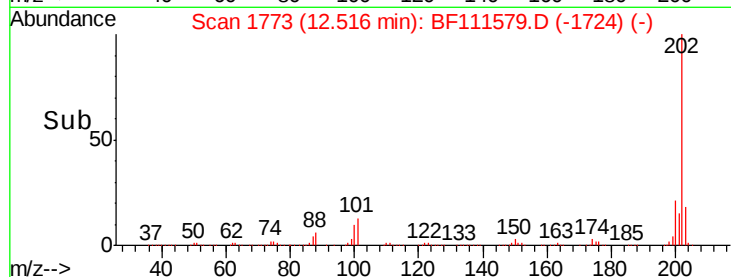
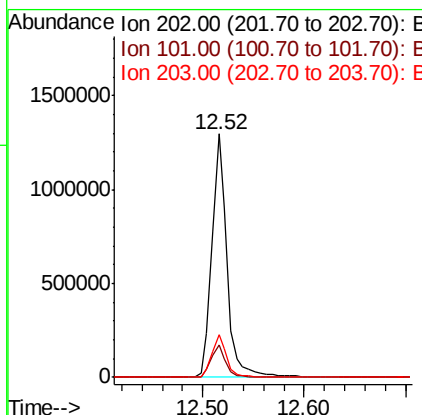
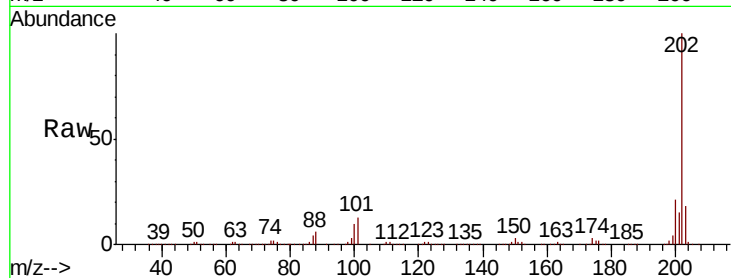




#75
Fluoranthene
Concen: 40.124 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

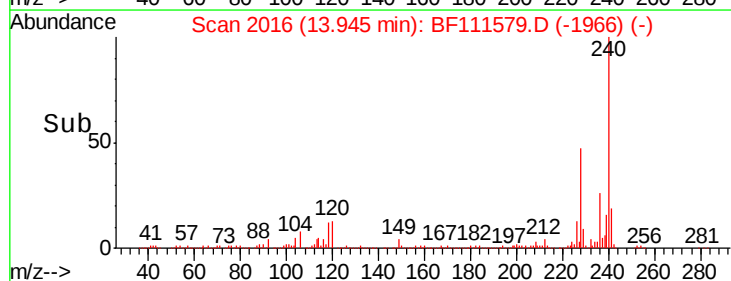
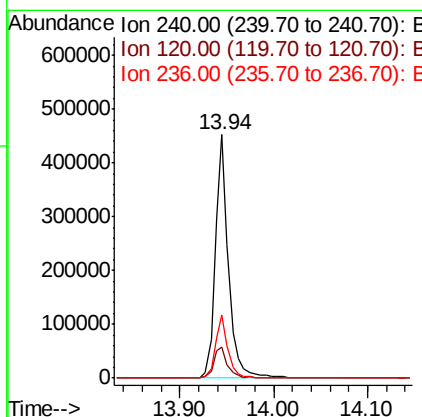
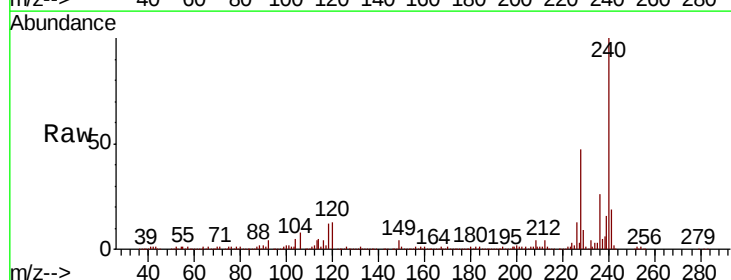
Instrument :
BNA_F
ClientSampleId :

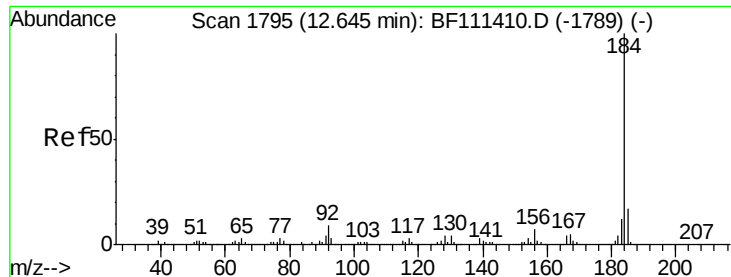
Tot Ion:202 Resp: 1338928
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.8
203 17.7 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:240 Resp: 446453
Ion Ratio Lower Upper
240 100
120 13.0 12.2 18.2
236 25.8 20.2 30.2





#77

Benzidine

Concen: 31.987 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

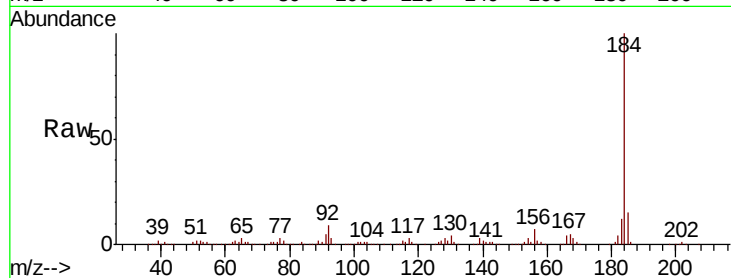
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 524953

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.0	19.6
183	11.6	9.3	13.9

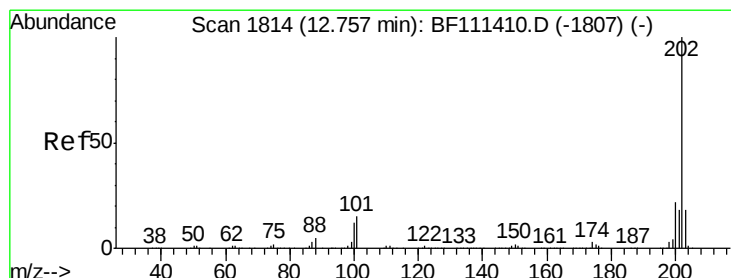
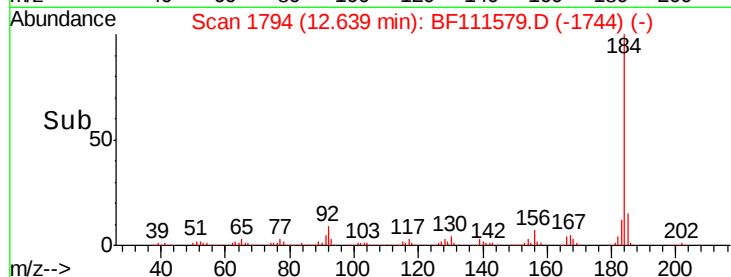
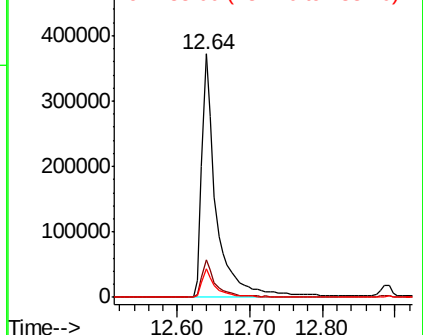


Abundance

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: 43.825 ng

RT: 12.74 min Scan# 1812

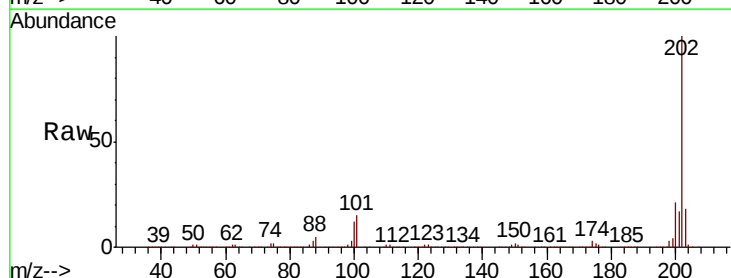
Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Tgt Ion:202 Resp: 1379444

Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.0	28.4
203	18.1	15.2	22.8

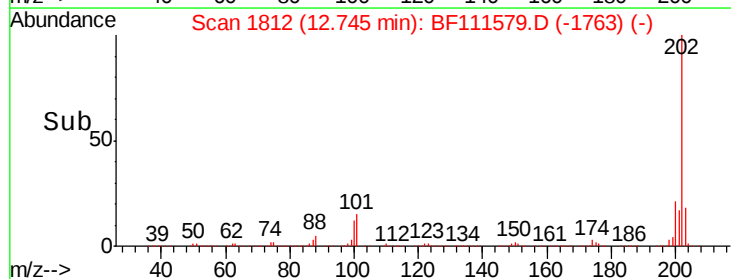
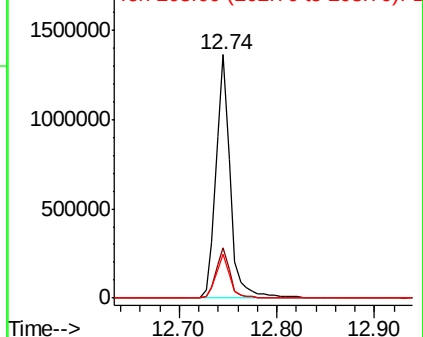


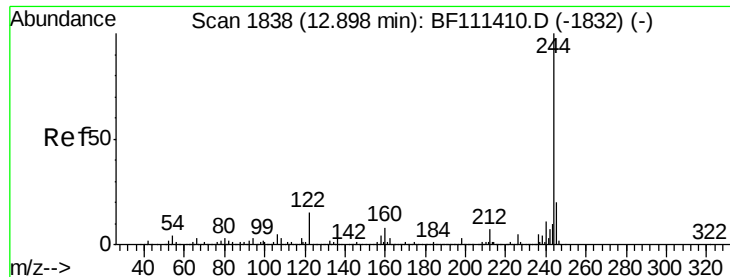
Abundance

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: 86.212 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

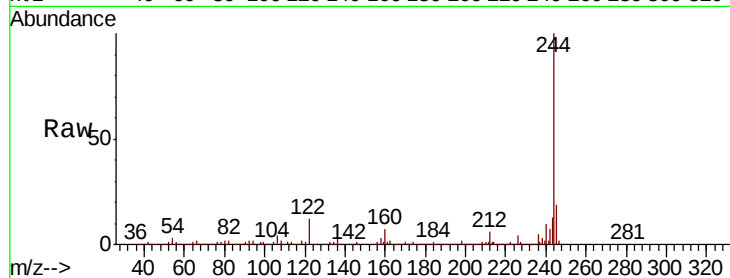
Tot Ion:244 Resp: 1639086

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

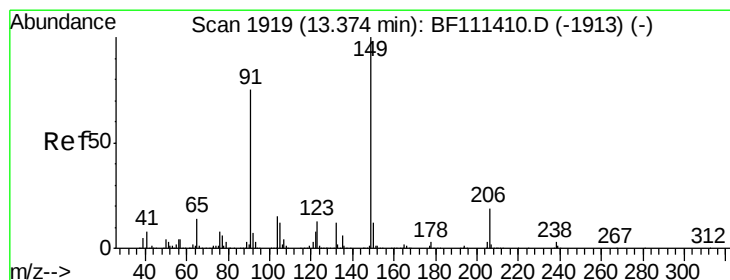
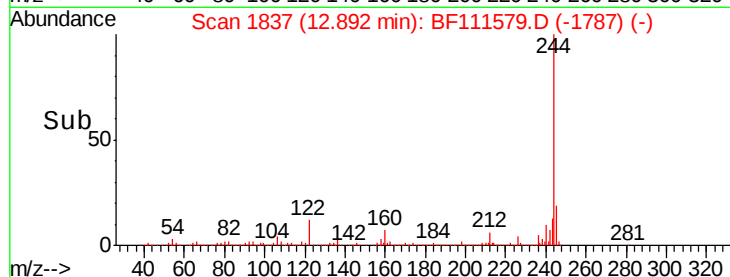
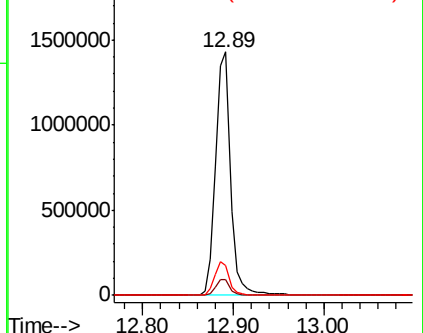
122 12.3 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.825 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

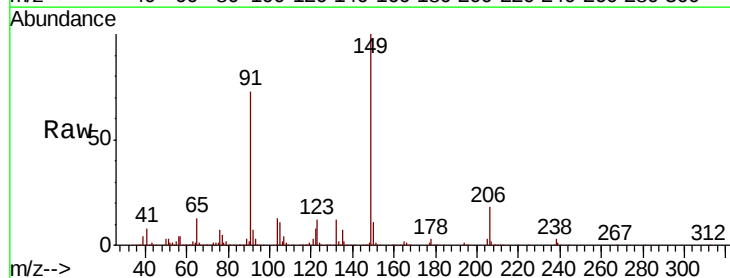
Tgt Ion:149 Resp: 626365

Ion Ratio Lower Upper

149 100

91 72.6 63.8 95.6

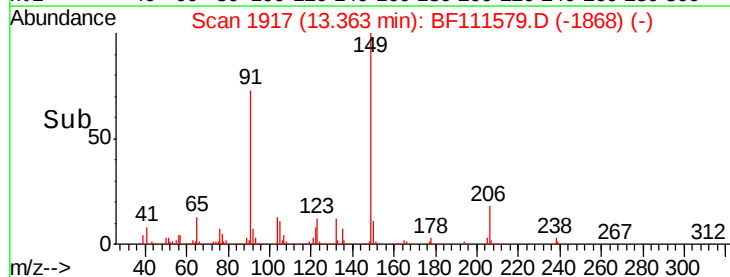
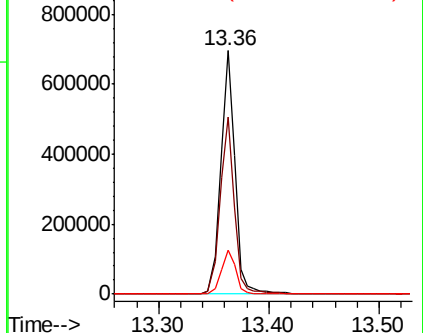
206 18.2 15.1 22.7

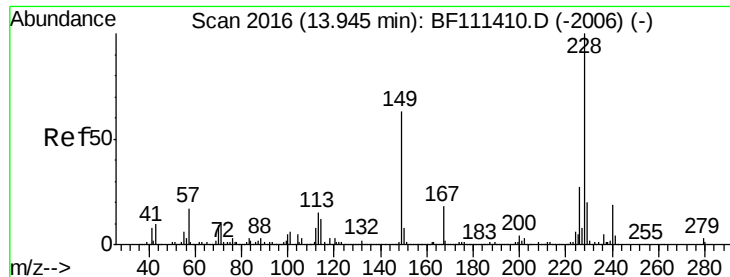


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

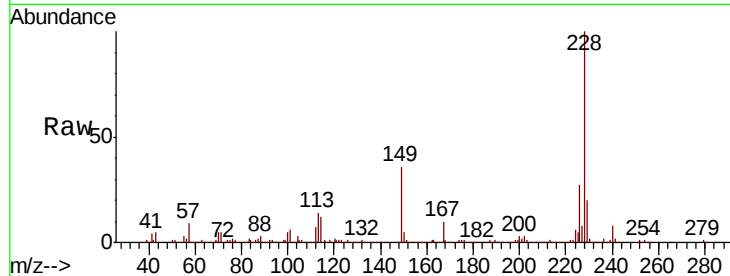




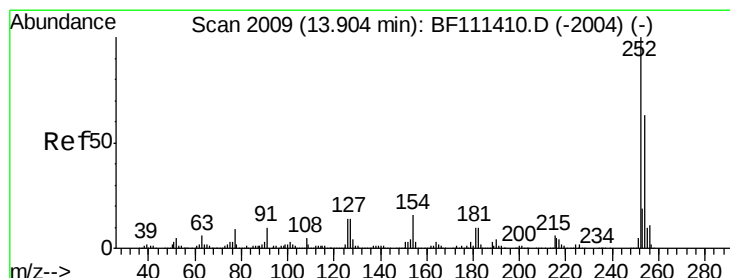
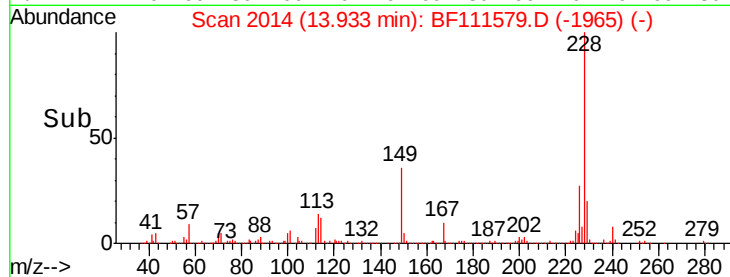
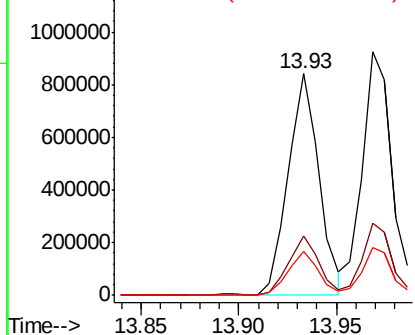
#81
Benzo(a)anthracene
Concen: 37.990 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 922221
Ion Ratio Lower Upper
228 100
226 26.8 22.6 34.0
229 19.5 16.3 24.5

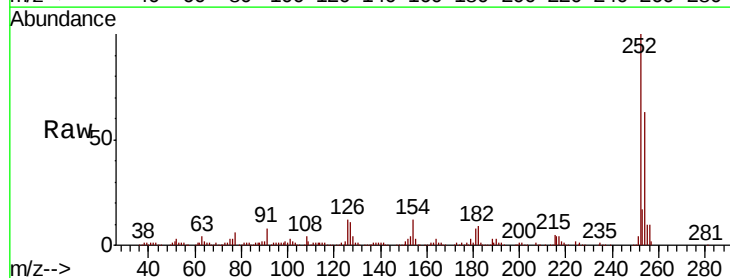


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

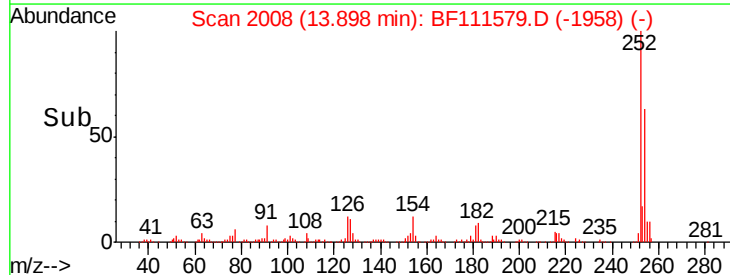
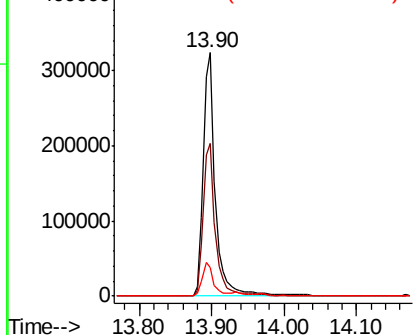


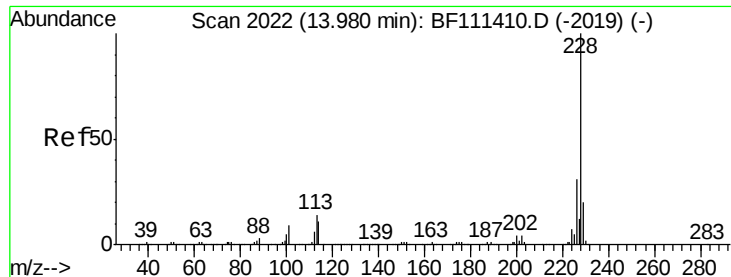
#82
3,3'-Dichlorobenzidine
Concen: 38.640 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:252 Resp: 381318
Ion Ratio Lower Upper
252 100
254 62.8 52.7 79.1
126 11.8 11.1 16.7



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





#83

Chrysene

Concen: 40.636 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

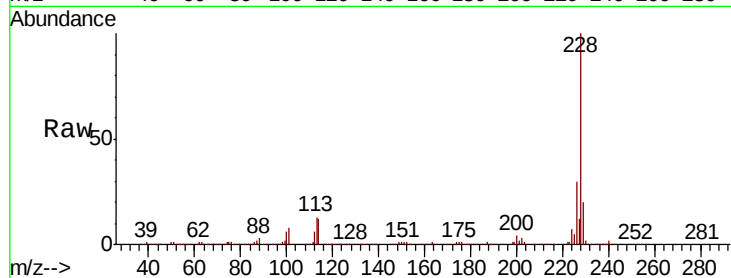
Tot Ion:228 Resp: 1039187

Ion Ratio Lower Upper

228 100

226 29.7 25.3 37.9

229 19.6 17.2 25.8

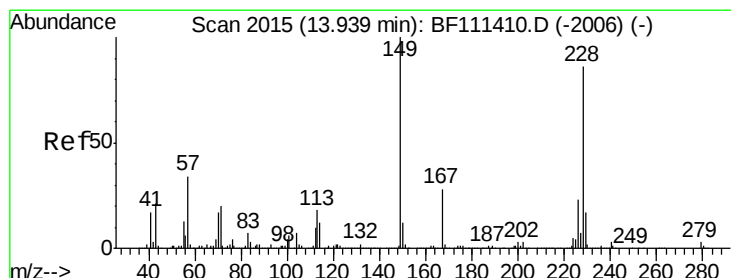
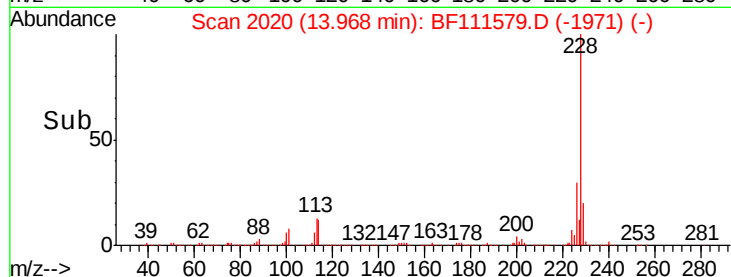
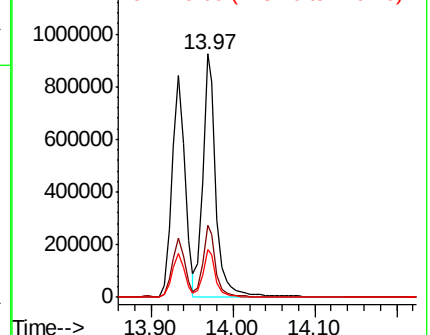


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.249 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

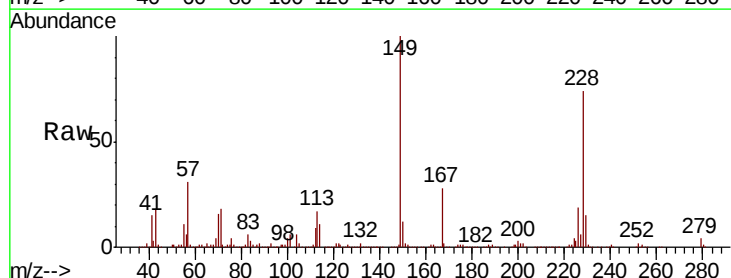
Tgt Ion:149 Resp: 749544

Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 3.6 2.6 4.0

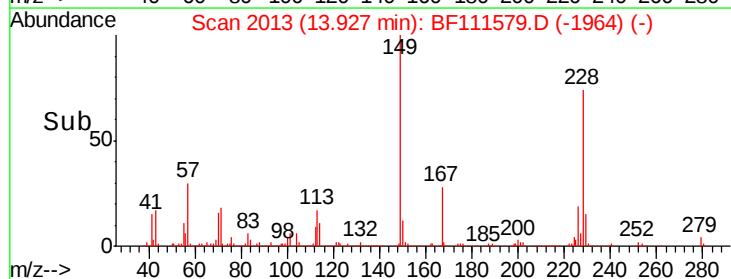
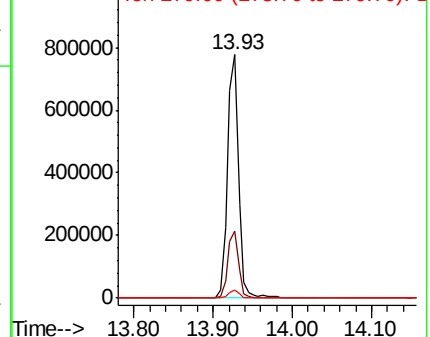


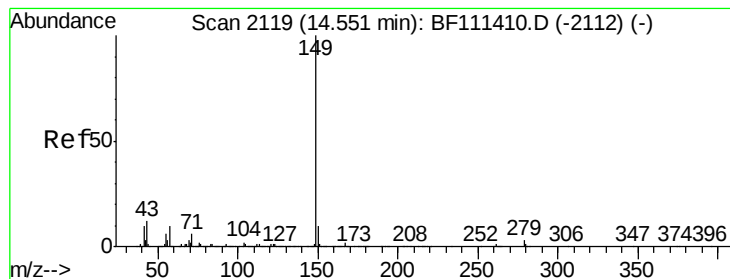
Abundance

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: 33.519 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

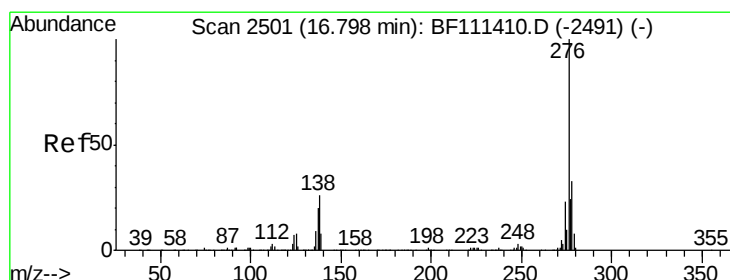
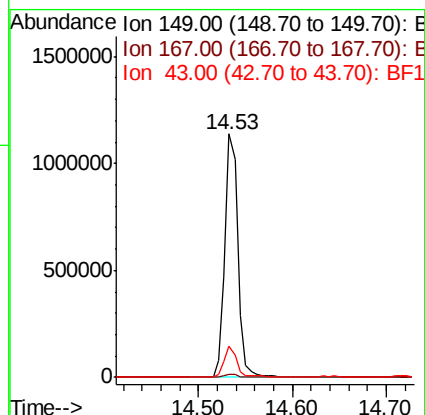
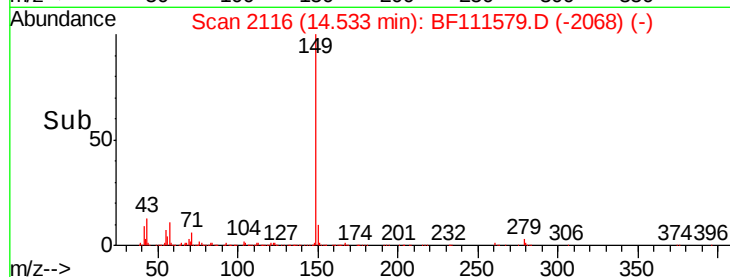
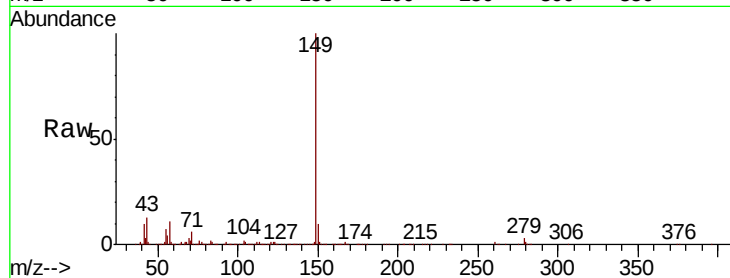
Tot Ion:149 Resp: 1107938

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 10.9 16.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.584 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

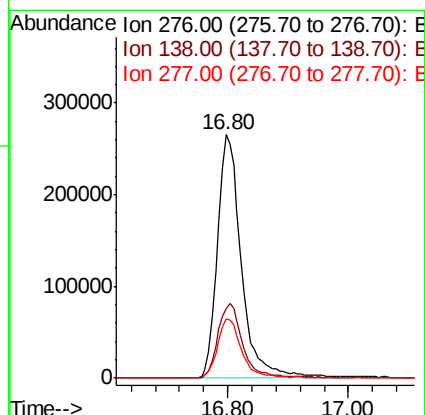
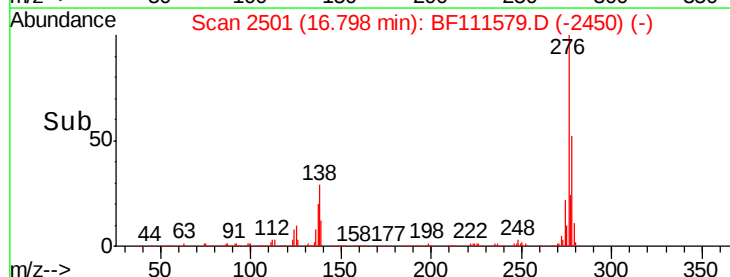
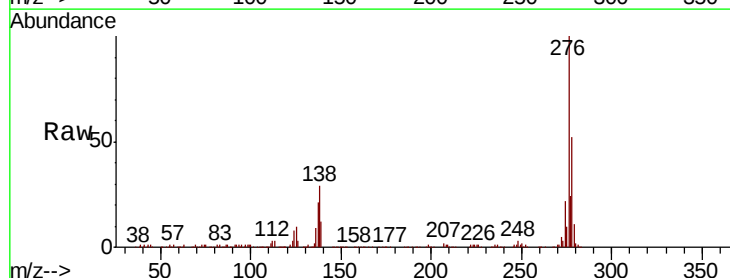
Tgt Ion:276 Resp: 730577

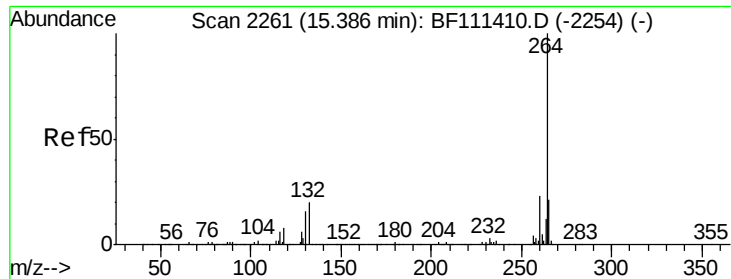
Ion Ratio Lower Upper

276 100

138 32.0 27.8 41.6

277 24.3 20.1 30.1

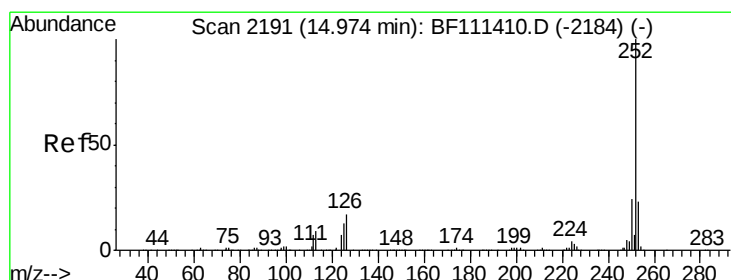
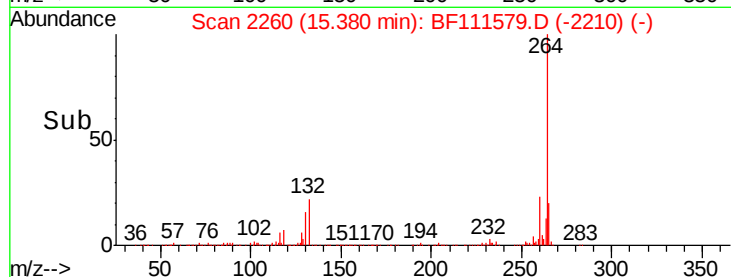
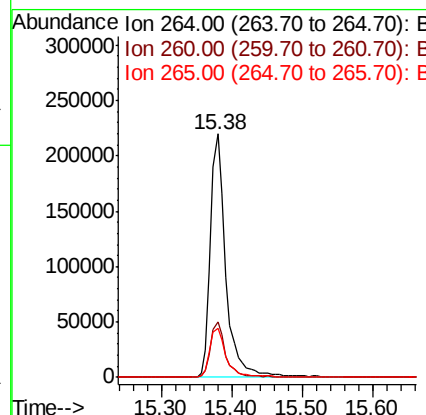
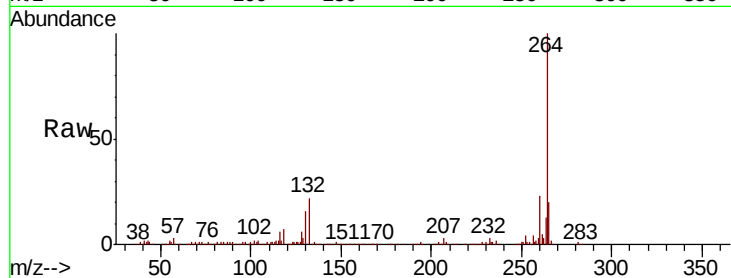




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

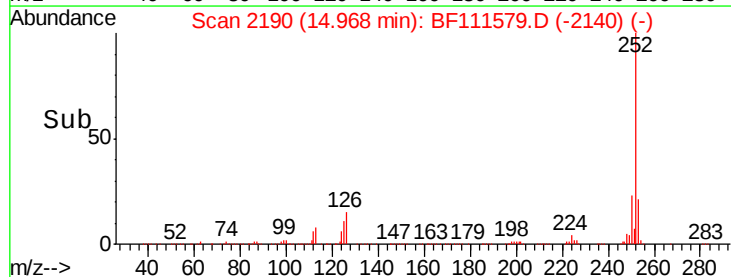
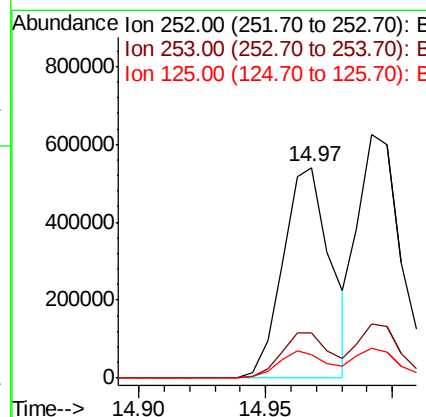
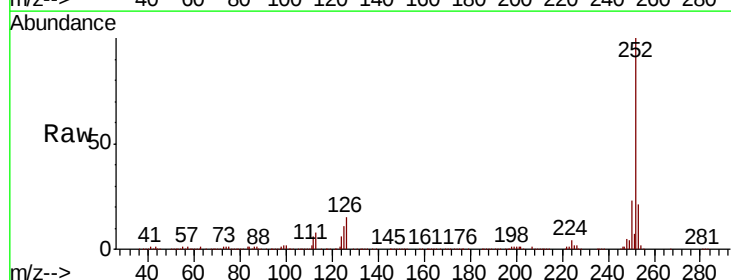
Instrument :
BNA_F
ClientSampleId :

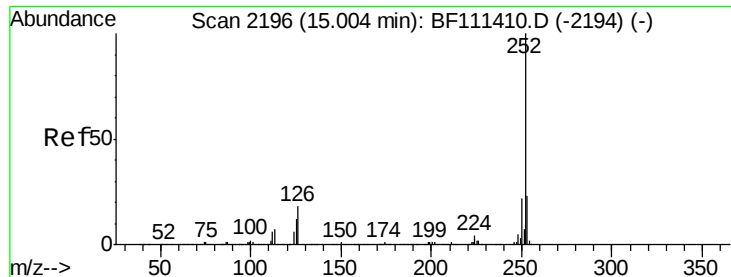
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.1	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 36.213 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	11.3	10.4	15.6

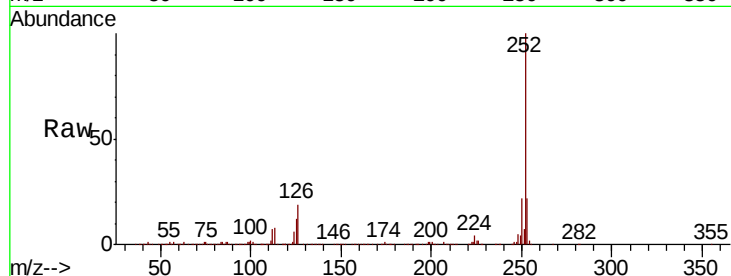




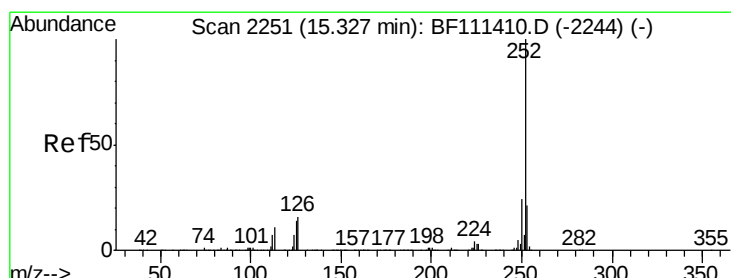
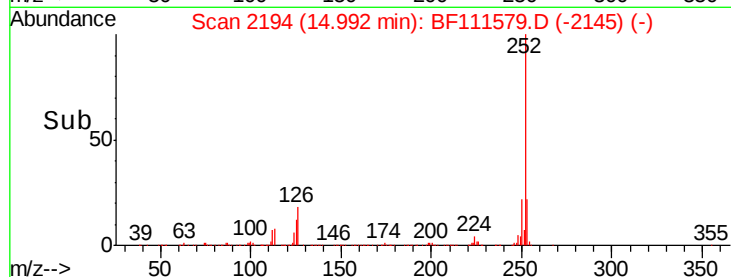
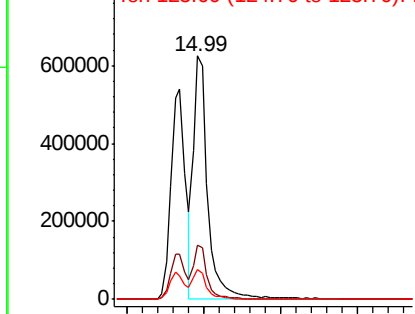
#89
Benzo(k)fluoranthene
Concen: 43.352 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 812658
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.0 9.8 14.8

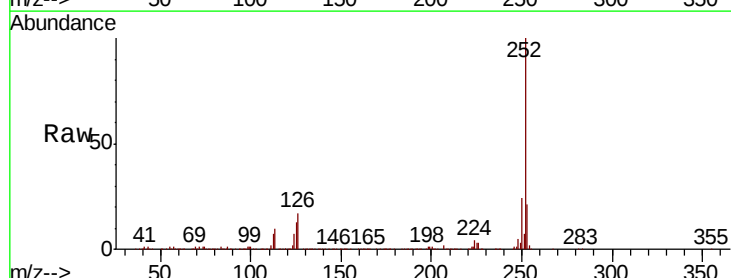


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

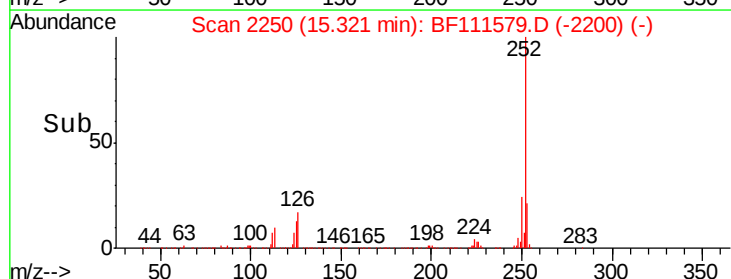
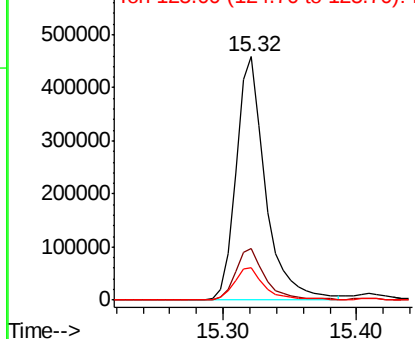


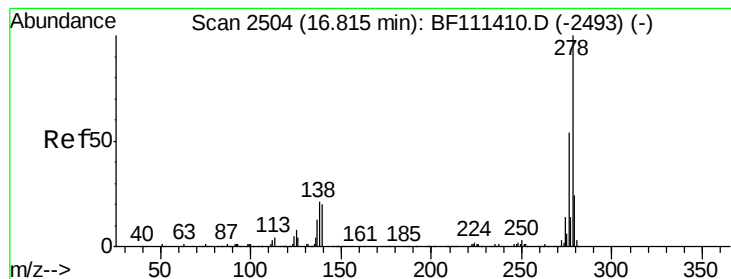
#90
Benzo(a)pyrene
Concen: 39.183 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111579.D
Acq: 18 Dec 2018 15:21

Tgt Ion:252 Resp: 693181
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 13.1 12.3 18.5



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





#91

Dibenzo(a,h)anthracene

Concen: 44.188 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

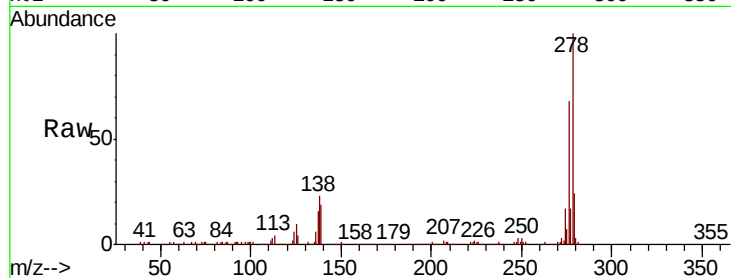
Tot Ion:278 Resp: 616657

Ion Ratio Lower Upper

278 100

139 19.1 18.2 27.4

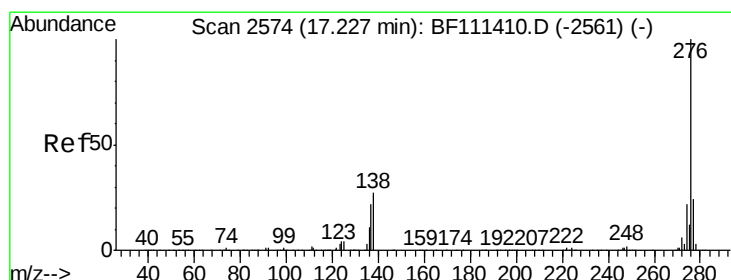
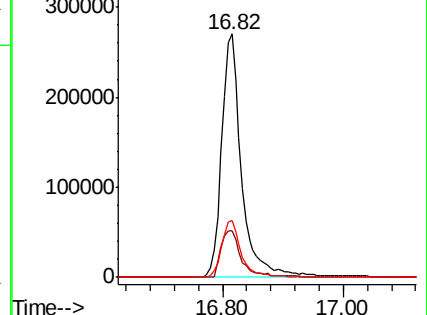
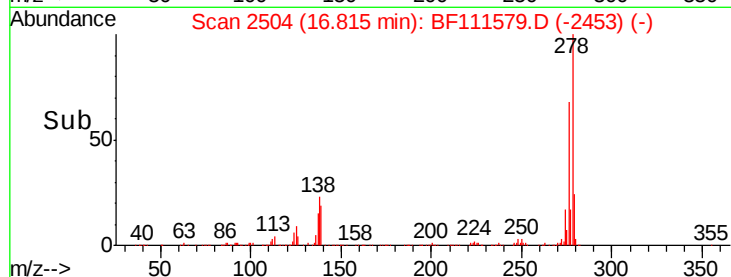
279 23.5 19.0 28.6



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: 45.533 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BF111579.D

Acq: 18 Dec 2018 15:21

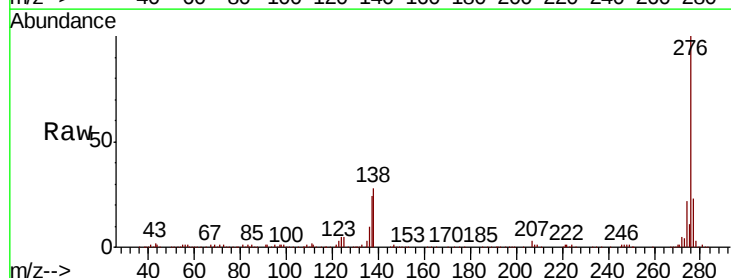
Tgt Ion:276 Resp: 623718

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 27.8 24.9 37.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

