

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113370.D
 Acq On : 28 Mar 2019 13:07
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 14:39:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	194940	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	774238	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	376696	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	759732	20.00	ng	0.00
76) Chrysene-d12	13.84	240	602452	20.00	ng	0.00
87) Perylene-d12	15.24	264	554480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	874911	73.39	ng	0.00
7) Phenol-d6	6.35	99	1085734	71.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	1011589	77.55	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	345276	74.20	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1760437	70.17	ng	0.00
79) Terphenyl-d14	12.79	244	1979337	72.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	211775	35.011	ng	98
3) Pyridine	3.06	79	553289	37.104	ng	96
4) n-Nitrosodimethylamine	3.01	42	236397	35.660	ng	88
6) Aniline	6.37	93	679420	36.992	ng	97
8) 2-Chlorophenol	6.49	128	509499	36.801	ng	98
9) Benzaldehyde	6.25	77	368558	36.416	ng	99
10) Phenol	6.37	94	617965	35.890	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	484323	36.695	ng	98
12) 1,3-Dichlorobenzene	6.65	146	540284	36.204	ng	98
13) 1,4-Dichlorobenzene	6.72	146	547235	37.978	ng	99
14) 1,2-Dichlorobenzene	6.87	146	497810	35.117	ng	98
15) Benzyl Alcohol	6.85	79	366671	36.852	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	749281	37.790	ng	99
17) 2-Methylphenol	6.97	107	405712	37.393	ng	99
18) Hexachloroethane	7.22	117	197804	38.220	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	330596	34.897	ng	97
20) 3+4-Methylphenols	7.13	107	483998	37.607	ng	98
22) Acetophenone	7.12	105	648164	36.709	ng	99
24) Nitrobenzene	7.29	77	528386	38.818	ng	95
25) Isophorone	7.53	82	961436	38.032	ng	97
26) 2-Nitrophenol	7.60	139	284159	39.494	ng	96
27) 2,4-Dimethylphenol	7.65	122	396261	38.286	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	616729	38.741	ng	99
29) 2,4-Dichlorophenol	7.85	162	433322	38.634	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	459392	37.963	ng	99
31) Naphthalene	8.01	128	1416174	37.430	ng	100
32) Benzoic acid	7.80	122	238436	28.620	ng	97
33) 4-Chloroaniline	8.06	127	603911	40.933	ng	98
34) Hexachlorobutadiene	8.13	225	275662	38.328	ng	99
35) Caprolactam	8.45	113	148927	41.372	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	447863	39.700	ng	96
37) 2-Methylnaphthalene	8.70	142	933828	39.556	ng	99
38) 1-Methylnaphthalene	8.80	142	895835	39.451	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	446165	36.898	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113370.D
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 14:39:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

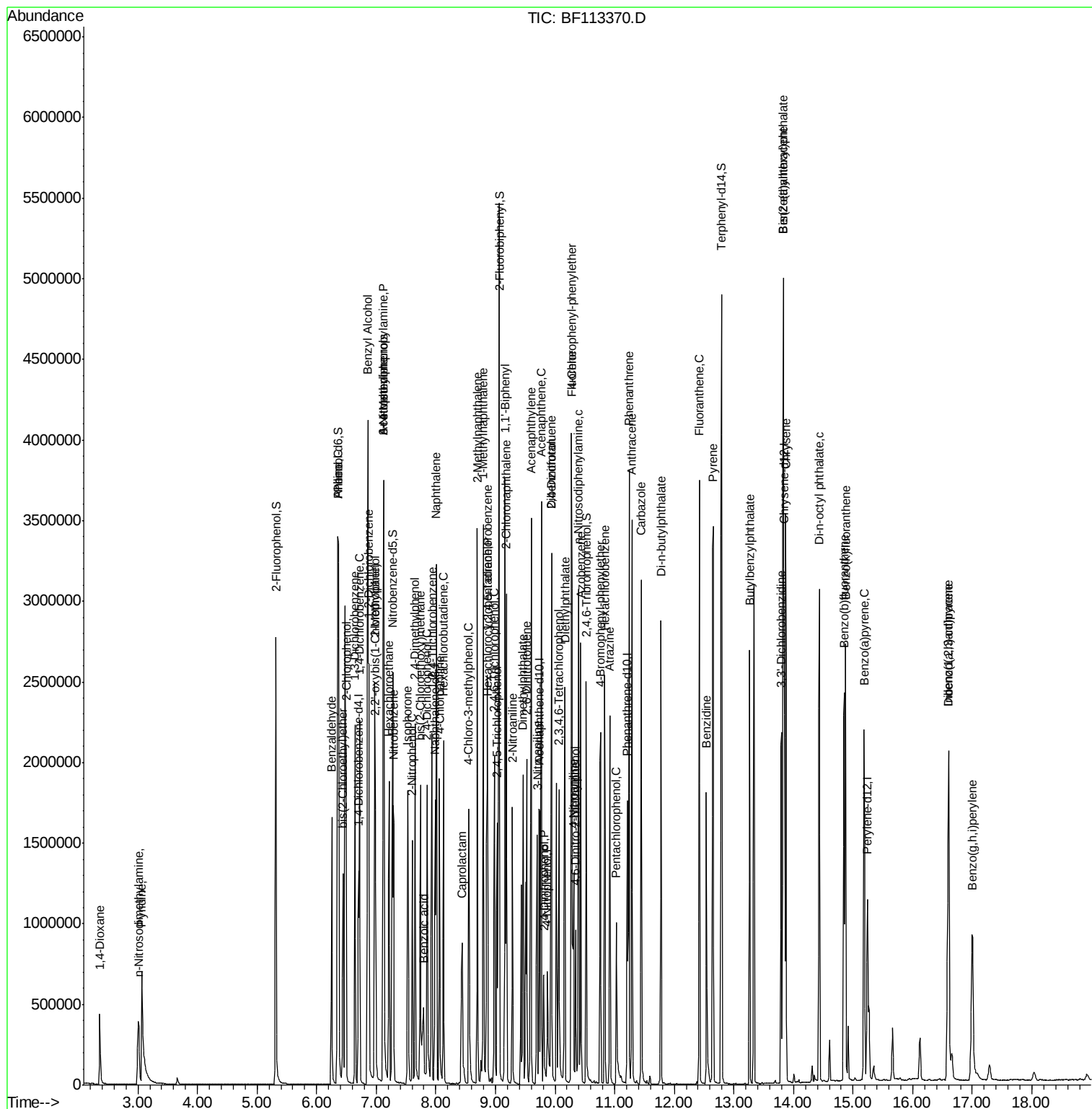
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	224126	43.790	nq	98
43) 2,4,6-Trichlorophenol	8.98	196	289134	36.719	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	317941	36.485	nq	98
46) 1,1'-Biphenyl	9.16	154	1150131	36.557	nq	99
47) 2-Chloronaphthalene	9.19	162	887164	36.624	nq	99
48) 2-Nitroaniline	9.29	65	286117	37.638	nq	97
49) Acenaphthylene	9.60	152	1460833	37.297	nq	99
50) Dimethylphthalate	9.46	163	1056414	37.842	nq	99
51) 2,6-Dinitrotoluene	9.53	165	238673	37.898	nq	96
52) Acenaphthene	9.77	154	820198	37.185	nq	100
53) 3-Nitroaniline	9.70	138	276342	38.910	nq	97
54) 2,4-Dinitrophenol	9.81	184	123084	39.295	nq	# 84
55) Dibenzofuran	9.94	168	1233223	37.191	nq	99
56) 4-Nitrophenol	9.87	139	176363	34.831	nq	88
57) 2,4-Dinitrotoluene	9.93	165	302876	37.817	nq	98
58) Fluorene	10.29	166	947887	36.797	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	289991	39.352	nq	99
60) Diethylphthalate	10.16	149	1003477	36.642	nq	98
61) 4-Chlorophenyl-phenylether	10.27	204	462141	36.810	nq	95
62) 4-Nitroaniline	10.31	138	288826	39.499	nq	97
63) Azobenzene	10.43	77	972638	37.730	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	145507	35.011	nq	100
66) n-Nitrosodiphenylamine	10.40	169	863260	37.030	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	312884	37.786	nq	96
68) Hexachlorobenzene	10.83	284	360414	37.498	nq	# 93
69) Atrazine	10.92	200	285629	38.817	nq	96
70) Pentachlorophenol	11.03	266	179530	35.851	nq	99
71) Phenanthrene	11.24	178	1388541	36.804	nq	99
72) Anthracene	11.29	178	1444888	37.704	nq	100
73) Carbazole	11.45	167	1408674	38.523	nq	99
74) Di-n-butylphthalate	11.78	149	1582980	37.330	nq	100
75) Fluoranthene	12.42	202	1542607	36.168	nq	99
77) Benzidine	12.55	184	836314	36.250	nq	99
78) Pyrene	12.65	202	1566896	37.532	nq	100
80) Butylbenzylphthalate	13.26	149	688795	37.437	nq	97
81) Benzo(a)anthracene	13.83	228	1276722	37.022	nq	100
82) 3,3'-Dichlorobenzidine	13.80	252	548828	39.671	nq	100
83) Chrysene	13.87	228	1334993	38.113	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	818601	36.294	nq	# 98
85) Di-n-octyl phthalate	14.43	149	1487086	38.842	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1111585	36.977	nq	98
88) Benzo(b)fluoranthene	14.85	252	1307702	37.966	nq	99
89) Benzo(k)fluoranthene	14.87	252	1081635	35.759	nq	98
90) Benzo(a)pyrene	15.19	252	1107857	36.280	nq	100
91) Dibenzo(a,h)anthracene	16.61	278	912270	34.551	nq	99
92) Benzo(g,h,i)perylene	17.00	276	911668	34.245	nq	98

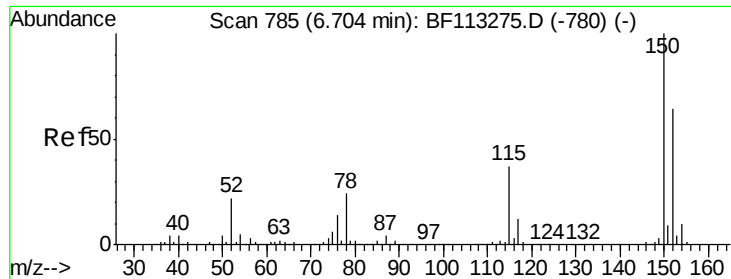
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :

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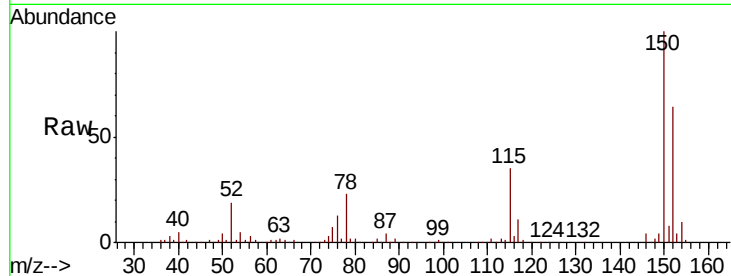


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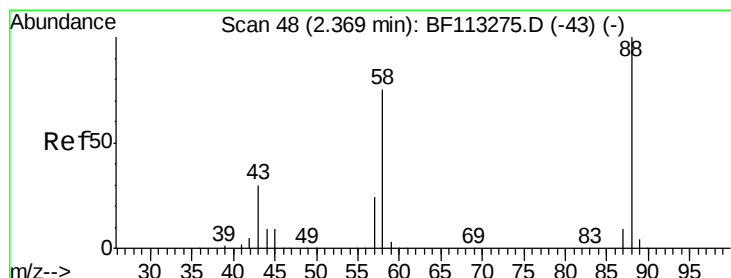
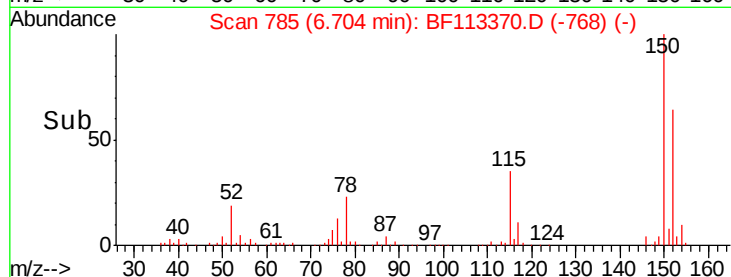
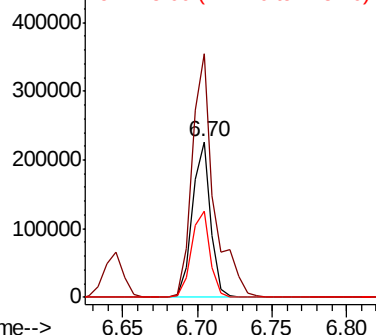
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 194940
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 55.3 46.0 69.0



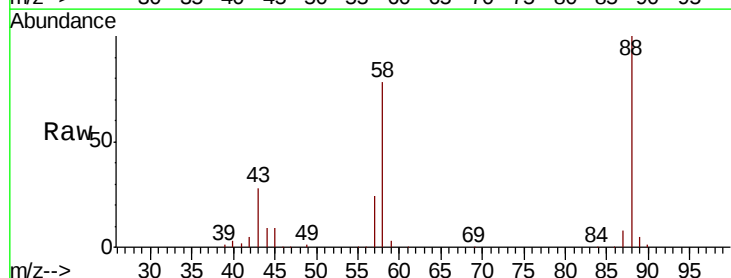
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



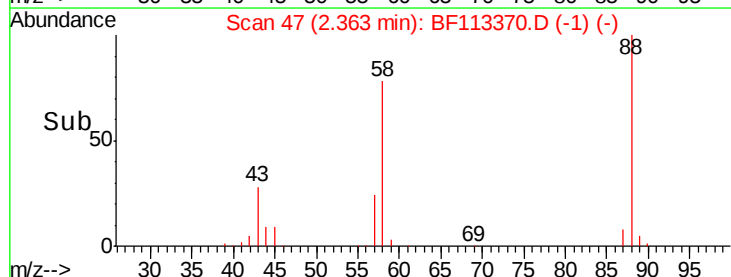
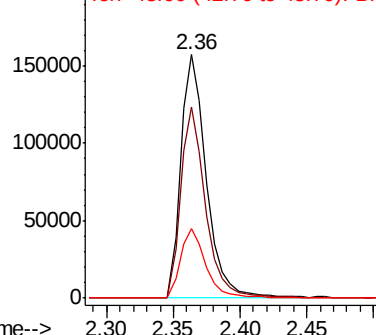
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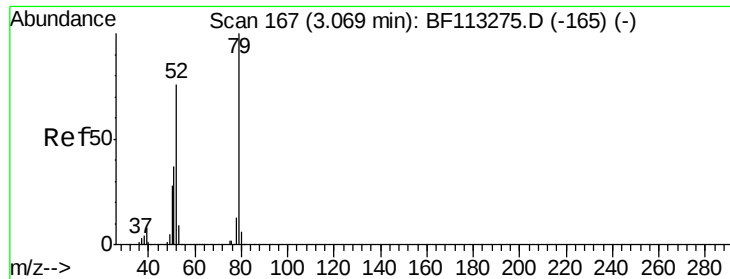
1,4-Dioxane
Concen: 35.011 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion: 88 Resp: 211775
Ion Ratio Lower Upper
88 100
58 76.8 61.9 92.9
43 28.3 24.2 36.4



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: 37.104 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

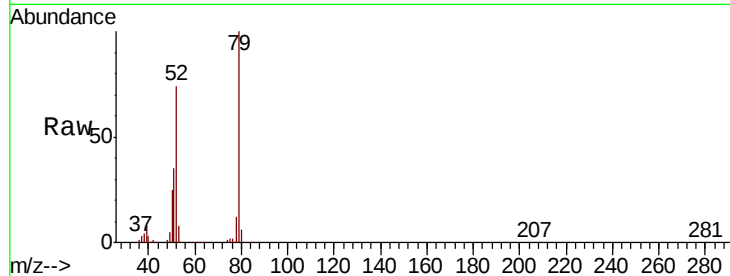
Tot Ion: 79 Resp: 553289

Ion Ratio Lower Upper

79 100

52 73.5 61.0 91.4

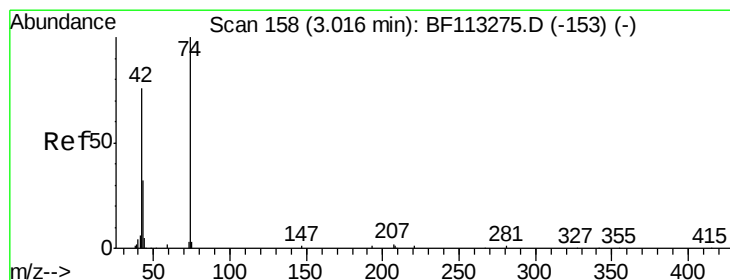
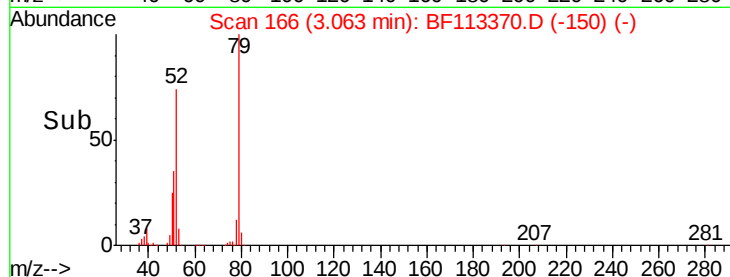
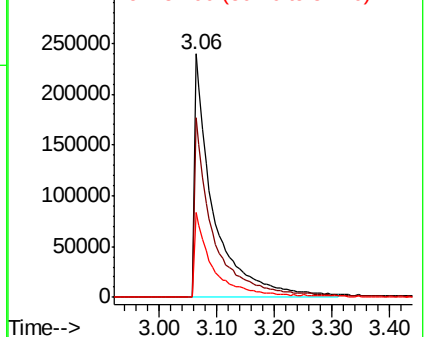
51 34.9 30.6 45.8



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: 35.660 ng

RT: 3.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

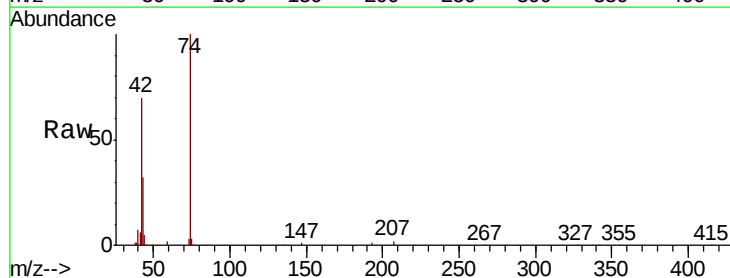
Tgt Ion: 42 Resp: 236397

Ion Ratio Lower Upper

42 100

74 142.3 102.4 153.6

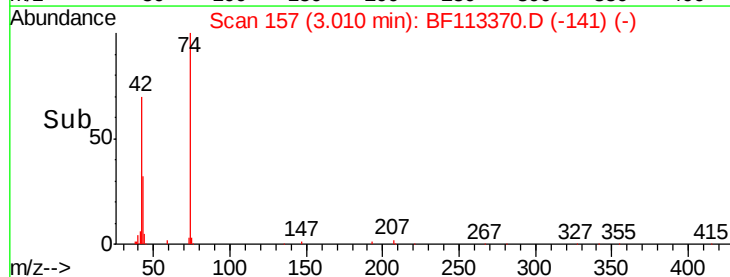
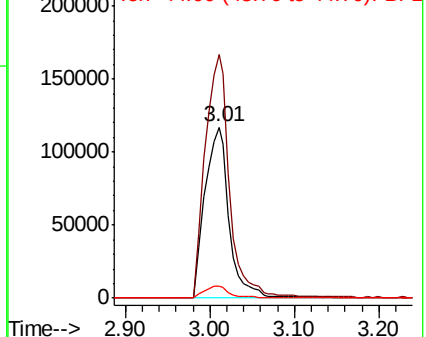
44 7.3 5.5 8.3



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: 73.386 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

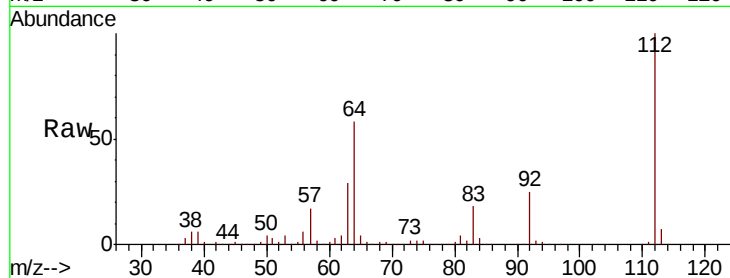
Tot Ion:112 Resp: 874911

Ion Ratio Lower Upper

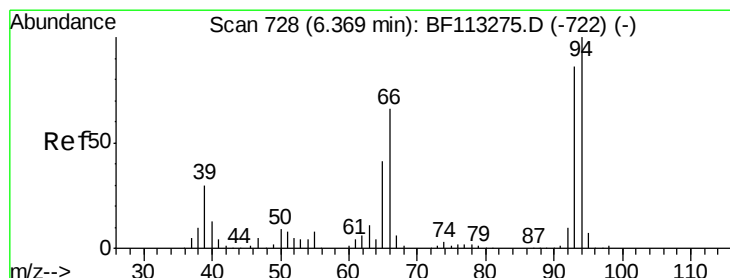
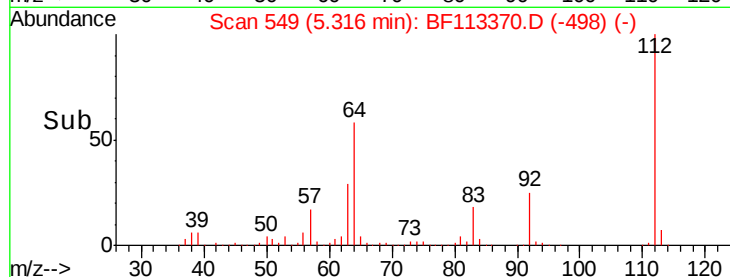
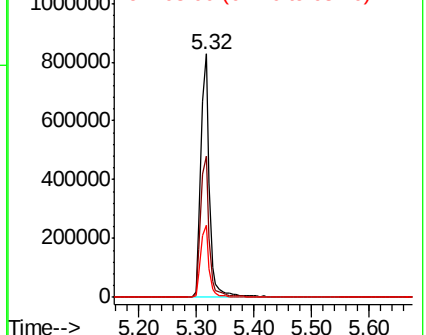
112 100

64 58.1 49.2 73.8

63 29.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.992 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

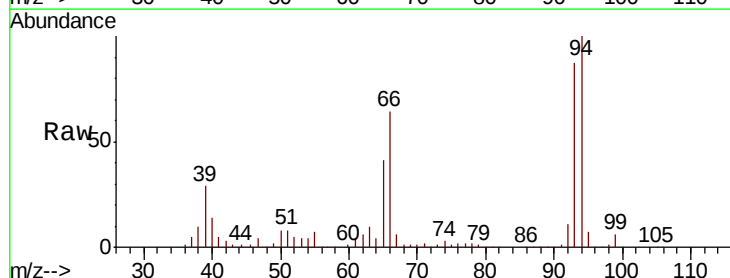
Tgt Ion: 93 Resp: 679420

Ion Ratio Lower Upper

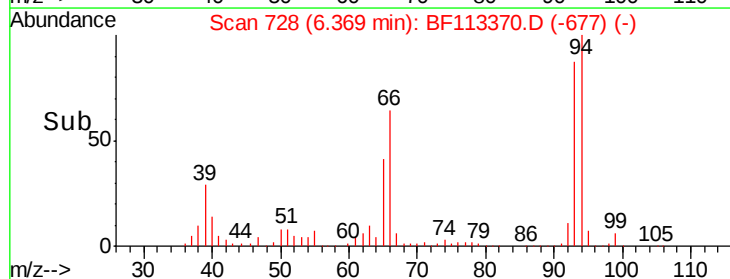
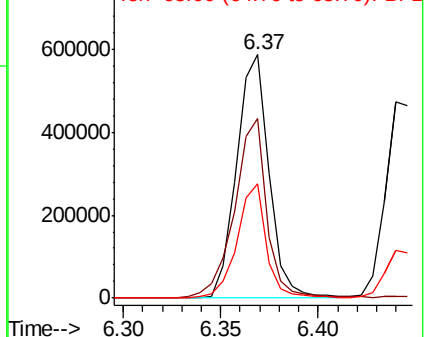
93 100

66 74.0 62.1 93.1

65 47.0 38.7 58.1



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: 71.989 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

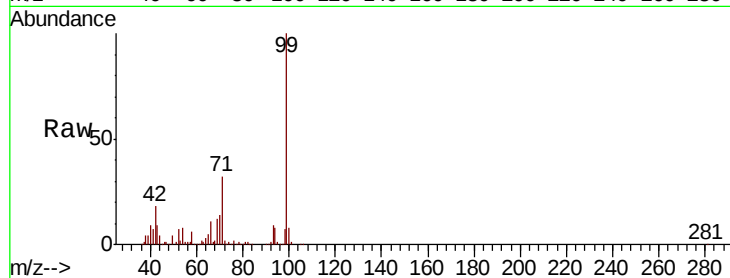
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1085734

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.8	22.2
71	31.5	24.9	37.3

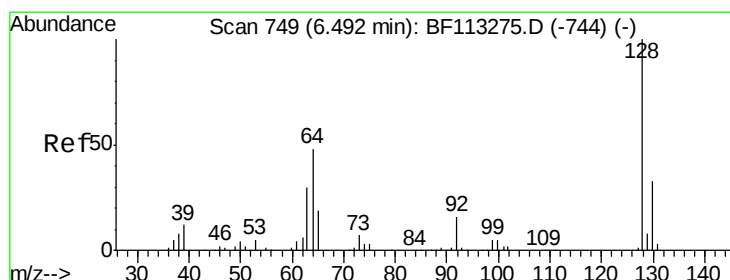
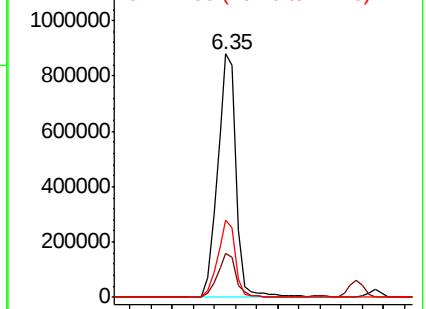
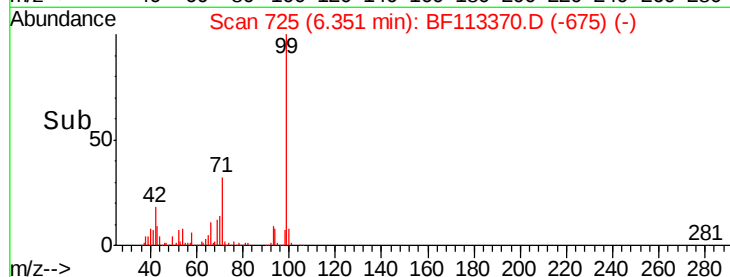


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.801 ng

RT: 6.49 min Scan# 749

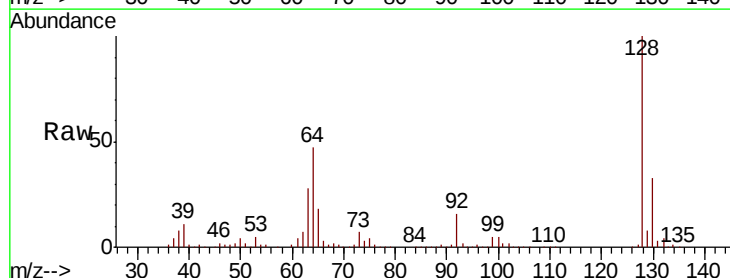
Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion: 128 Resp: 509499

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	46.9	29.4	69.4

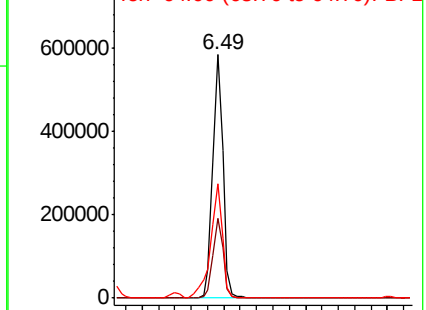
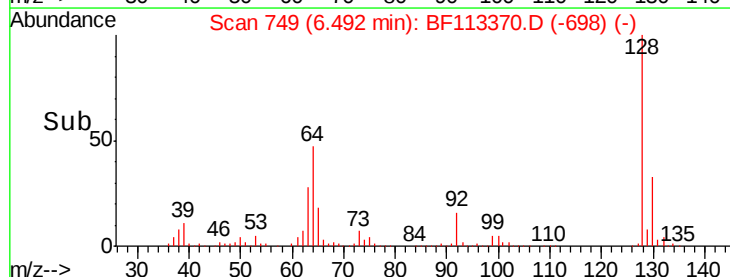


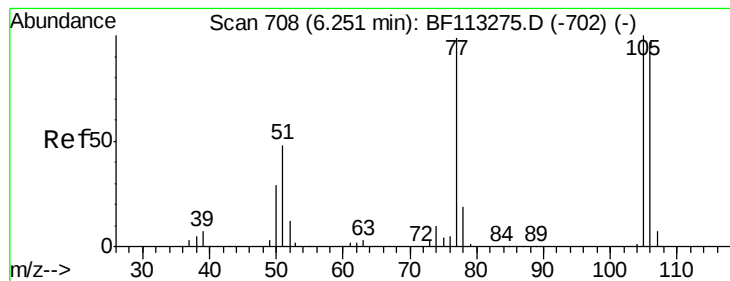
Abundance

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: 36.416 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampled :

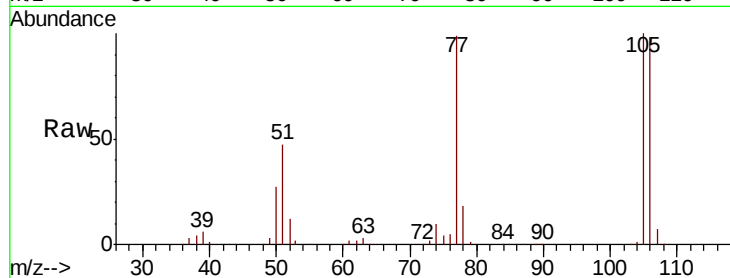
Tot Ion: 77 Resp: 368558

Ion Ratio Lower Upper

77 100

105 100.5 80.9 120.9

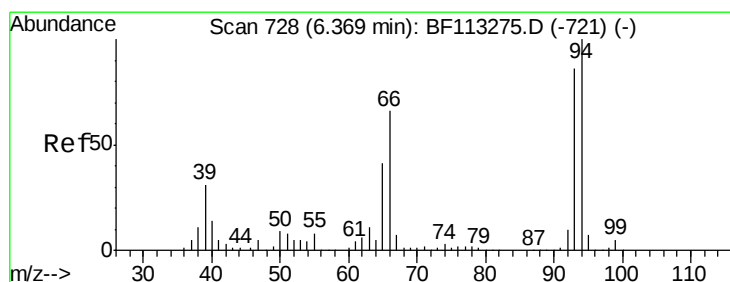
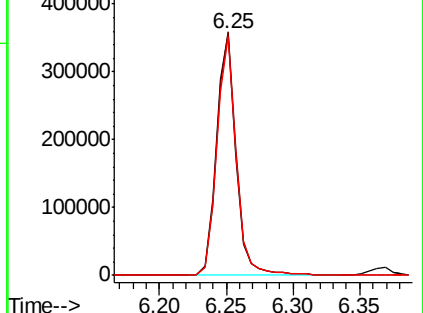
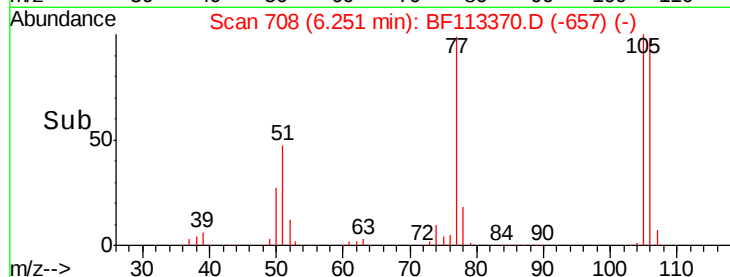
106 98.5 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.890 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

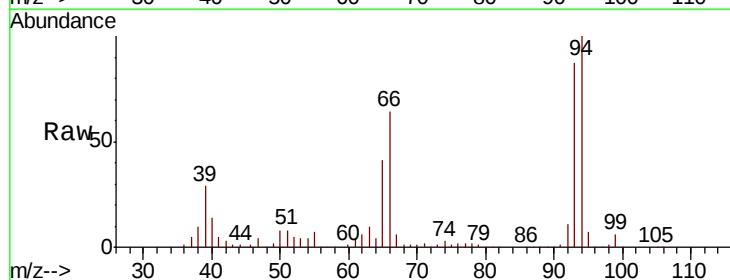
Tgt Ion: 94 Resp: 617965

Ion Ratio Lower Upper

94 100

65 40.8 21.4 61.4

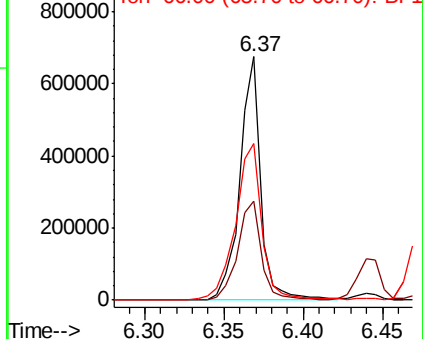
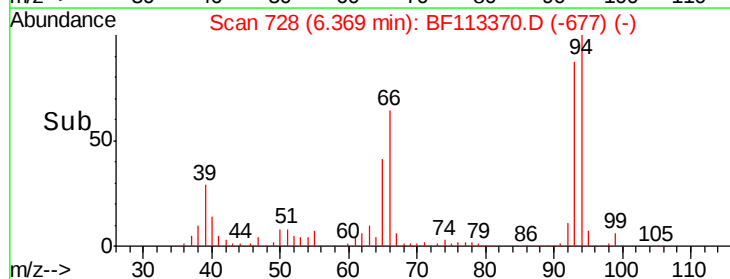
66 64.3 46.4 86.4



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



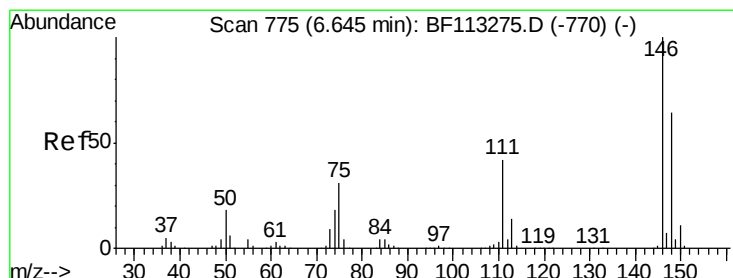
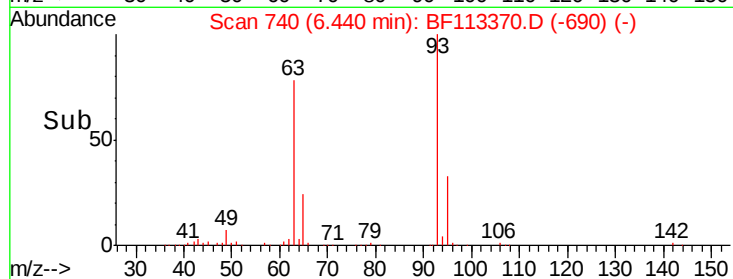
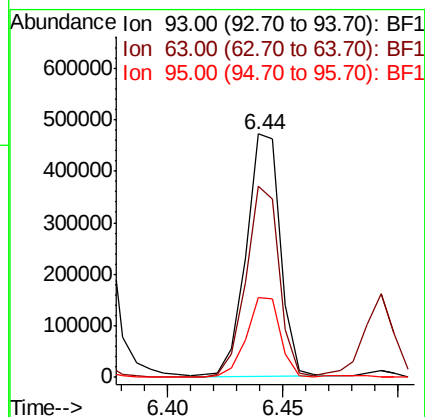
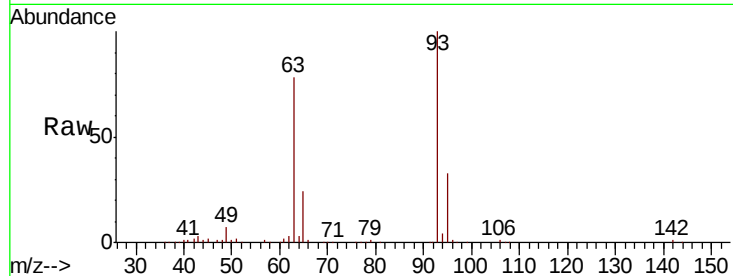


#11

bis(2-Chloroethyl)ether
Concen: 36.695 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :

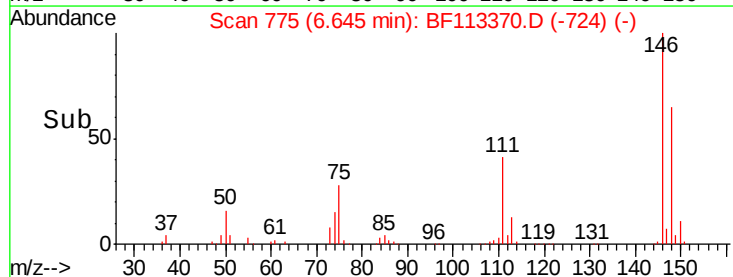
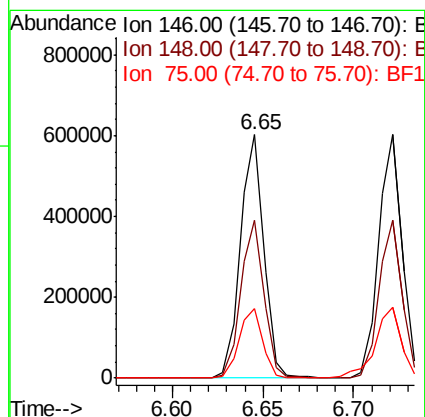
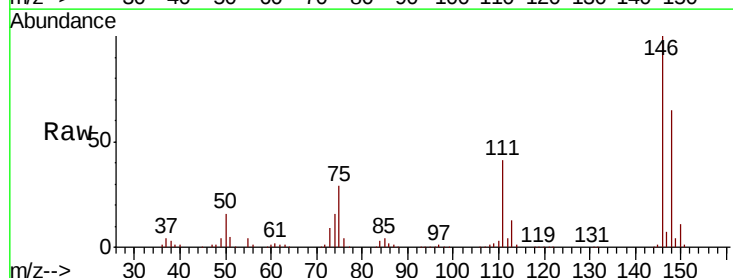
Tot Ion: 93 Resp: 484323
Ion Ratio Lower Upper
93 100
63 78.5 56.1 96.1
95 33.0 12.8 52.8

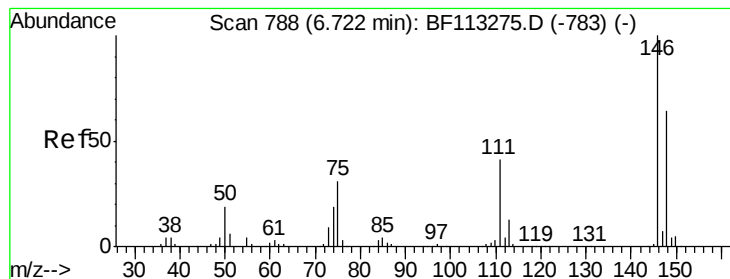


#12

1,3-Dichlorobenzene
Concen: 36.204 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion: 146 Resp: 540284
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
75 28.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 37.978 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampled :

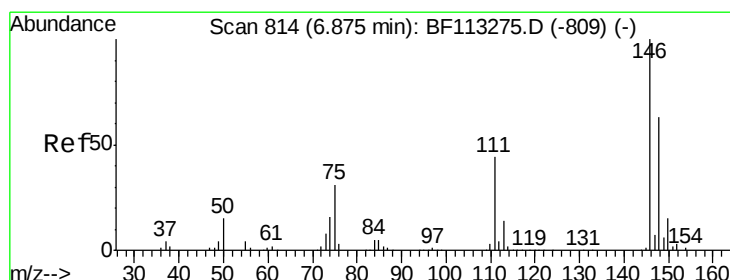
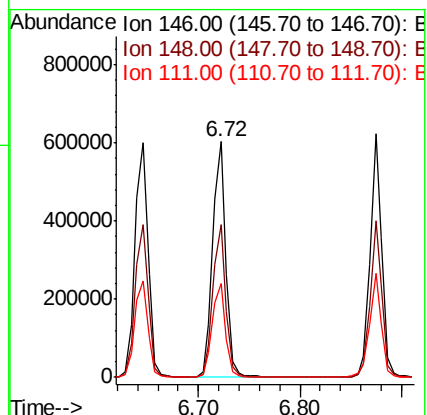
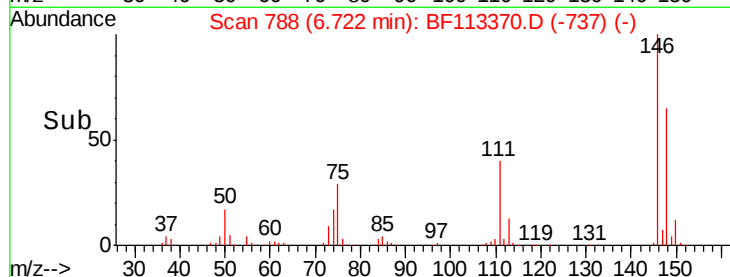
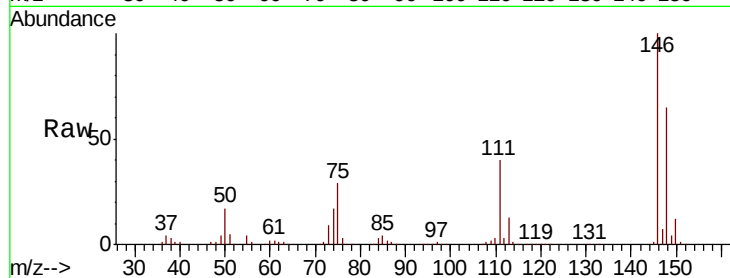
Tot Ion:146 Resp: 547235

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

111 39.9 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 35.117 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

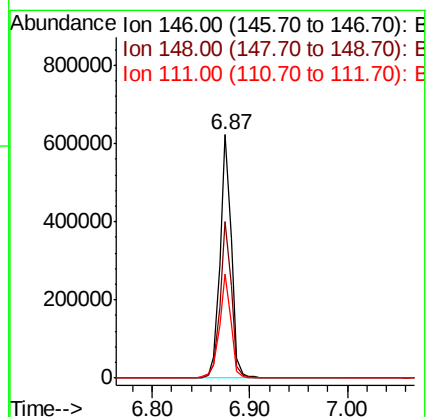
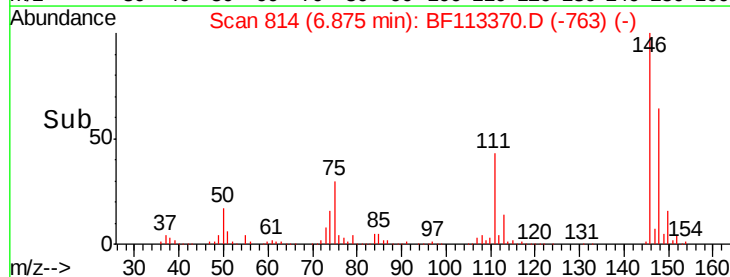
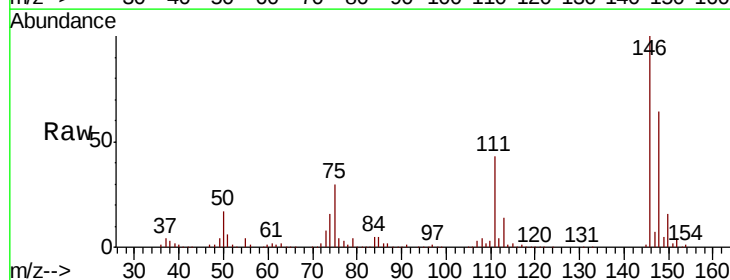
Tgt Ion:146 Resp: 497810

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.4

111 42.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 36.852 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

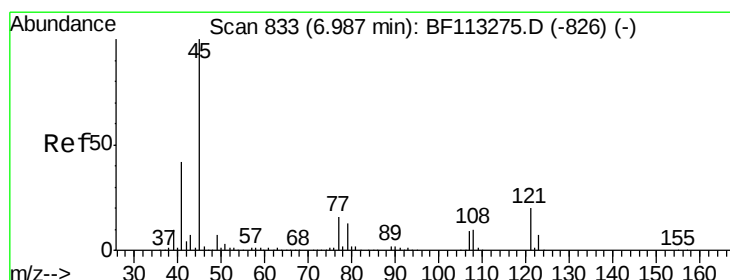
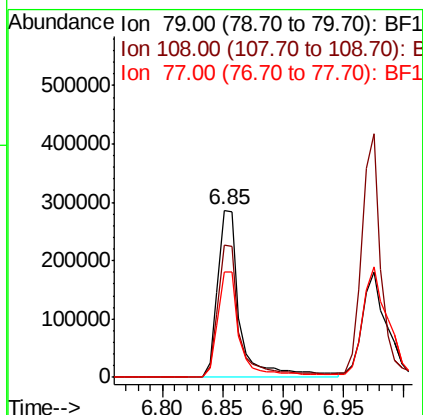
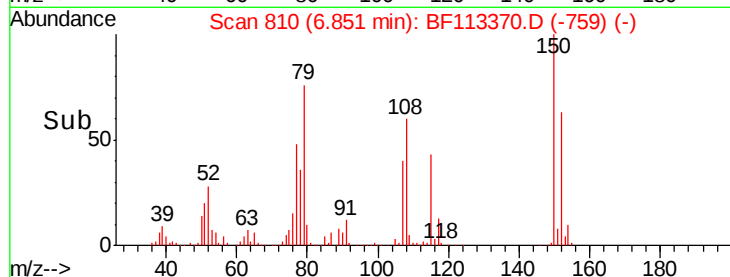
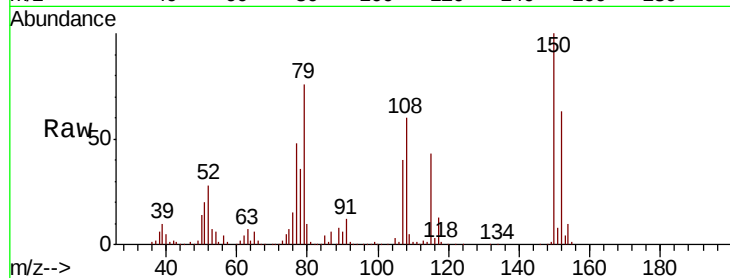
Tot Ion: 79 Resp: 366671

Ion Ratio Lower Upper

79 100

108 79.4 62.0 93.0

77 62.9 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.790 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

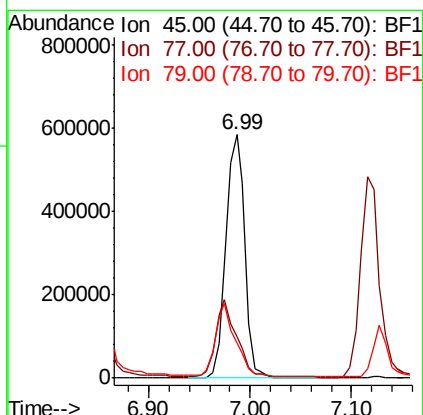
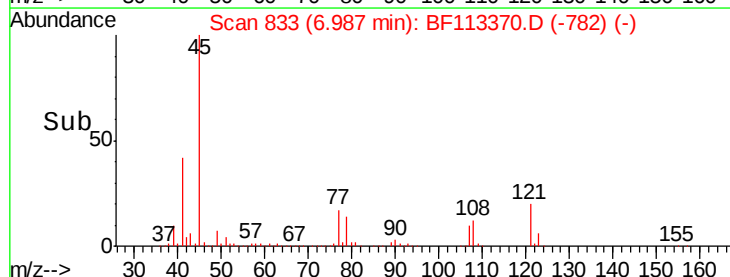
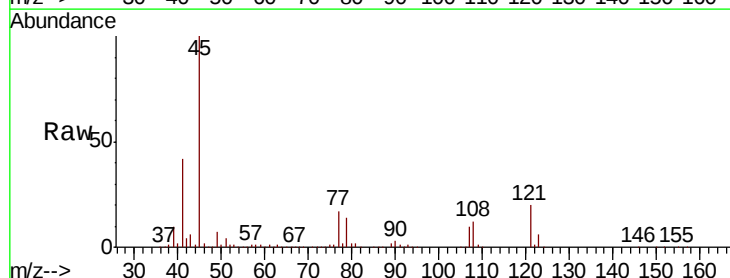
Tgt Ion: 45 Resp: 749281

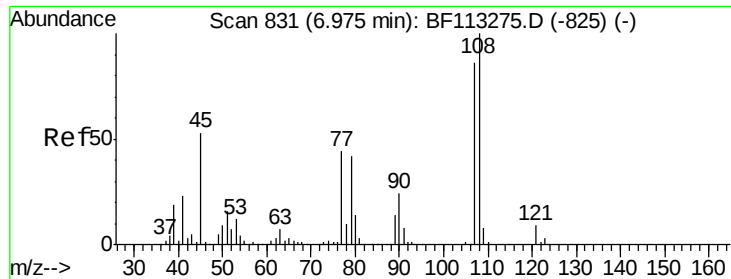
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.6

79 14.3 0.0 34.0

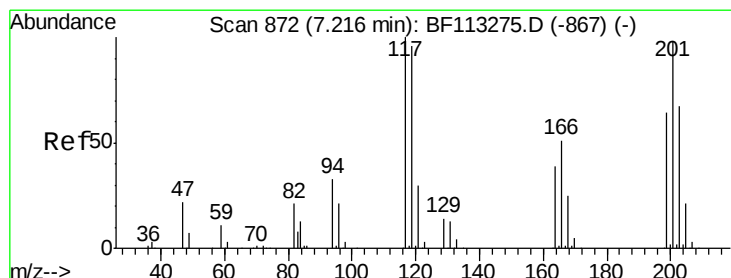
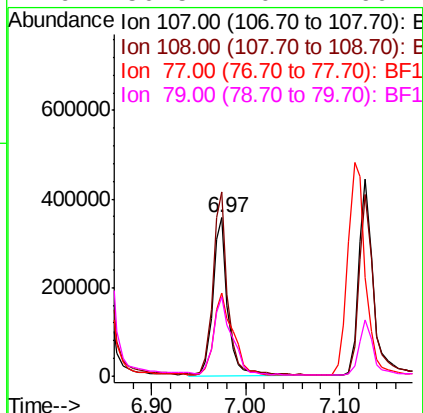
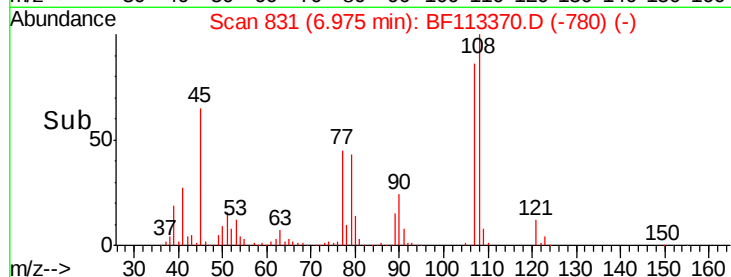
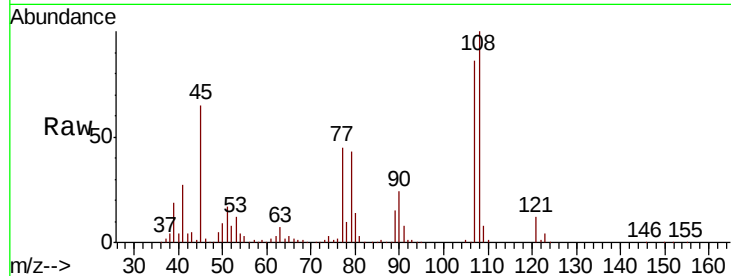




#17
2-Methylphenol
Concen: 37.393 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

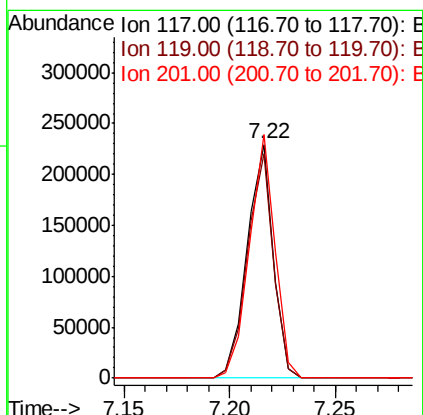
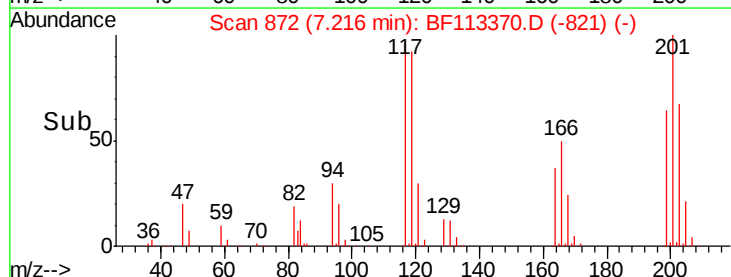
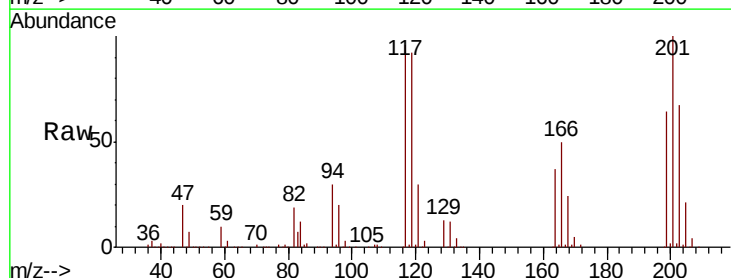
Instrument :
BNA_F
ClientSampleId :

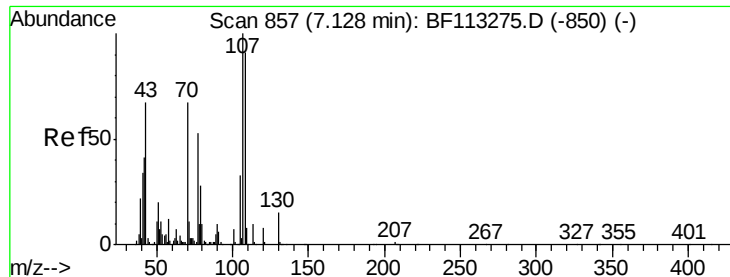
Tot Ion:107 Resp: 405712
Ion Ratio Lower Upper
107 100
108 116.8 93.4 140.0
77 53.0 41.2 61.8
79 50.5 40.1 60.1



#18
Hexachloroethane
Concen: 38.220 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:117 Resp: 197804
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3
201 104.3 78.7 118.1

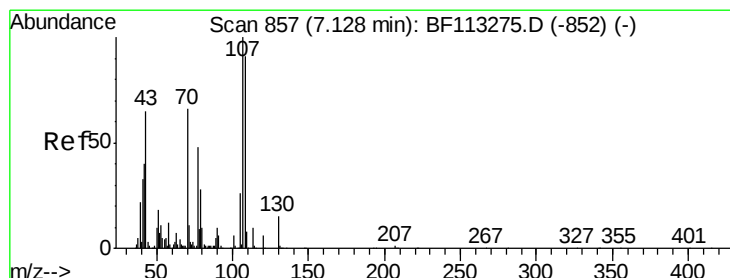
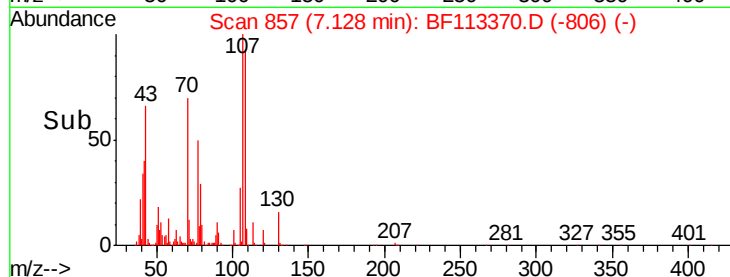
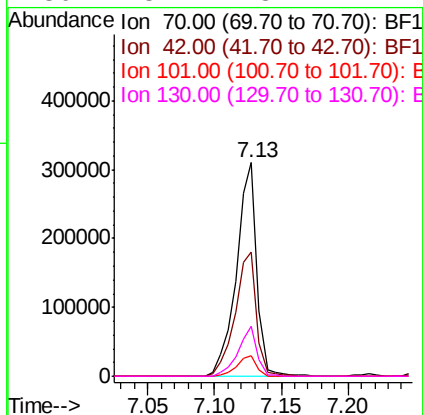
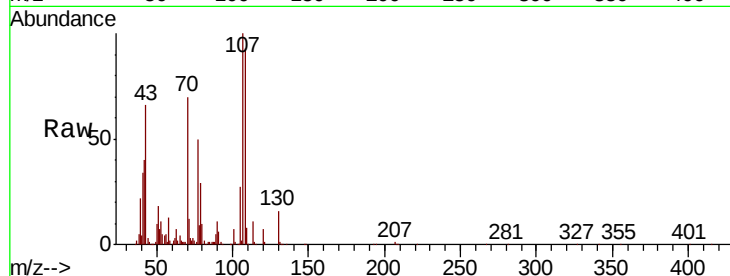




#19
n-Nitroso-di-n-propylamine
Concen: 34.897 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

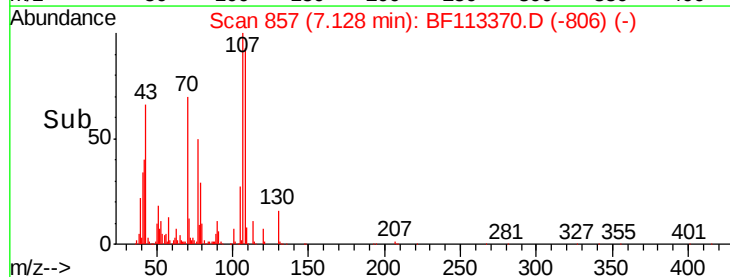
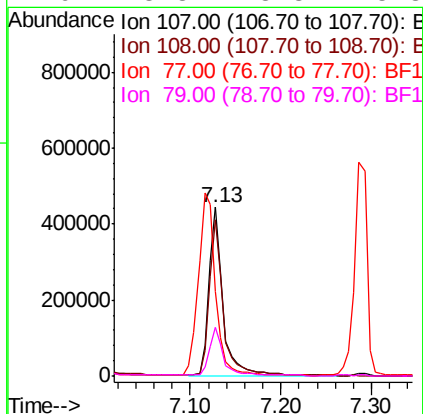
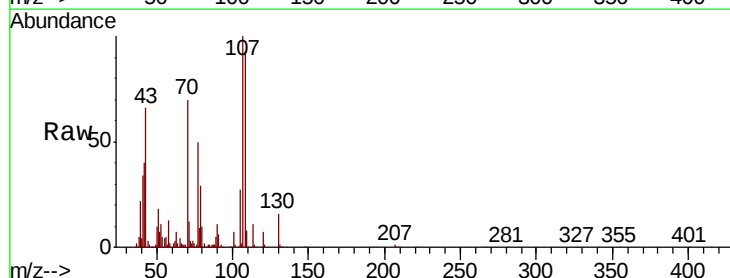
Instrument :
BNA_F
ClientSampleId :

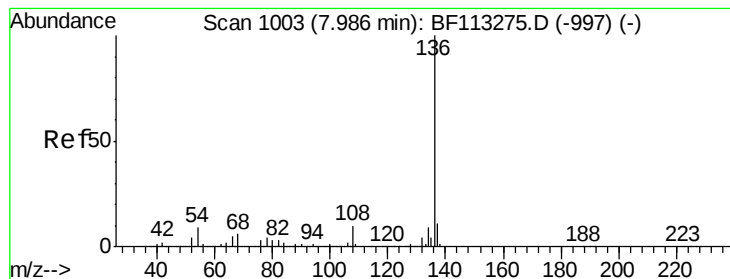
Tot Ion:	70	Resp:	330596
Ion	Ratio	Lower	Upper
70	100		
42	57.9	48.4	72.6
101	9.4	7.8	11.8
130	23.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 37.607 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:	107	Resp:	483998
Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.4	111.4
77	50.3	33.5	73.5
79	28.8	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 774238

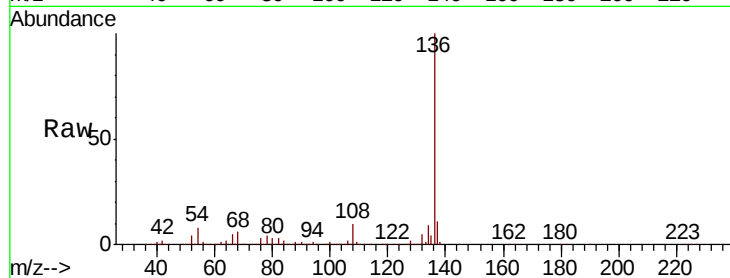
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 7.0 10.6

68 6.2 4.8 7.2

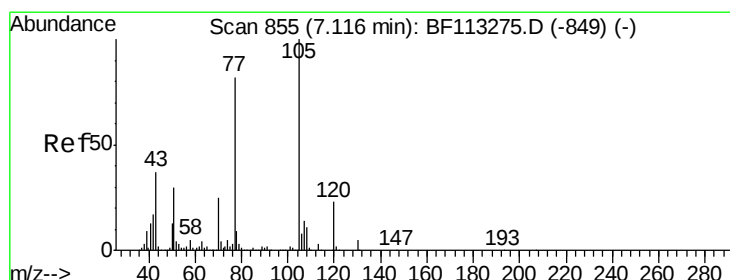
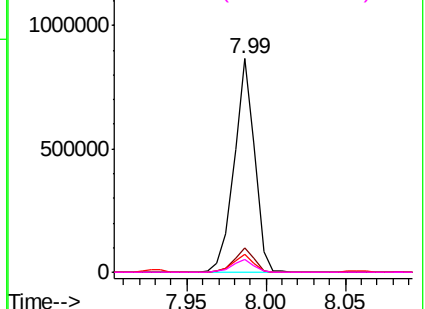
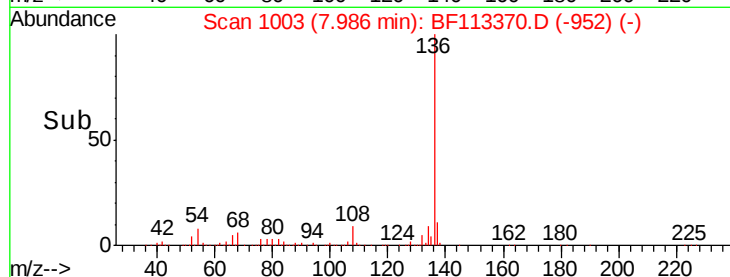


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.709 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:105 Resp: 648164

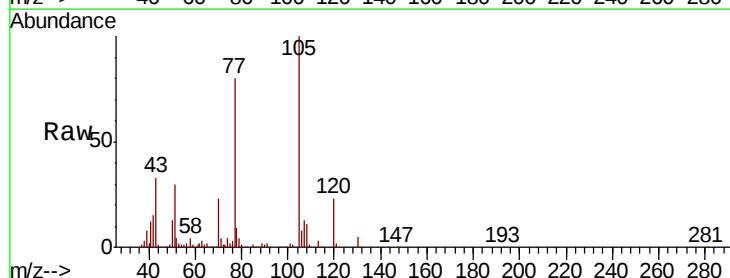
Ion Ratio Lower Upper

105 100

71 3.7 3.3 4.9

51 29.6 24.2 36.2

120 23.0 18.1 27.1

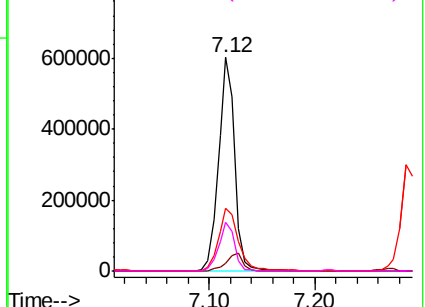
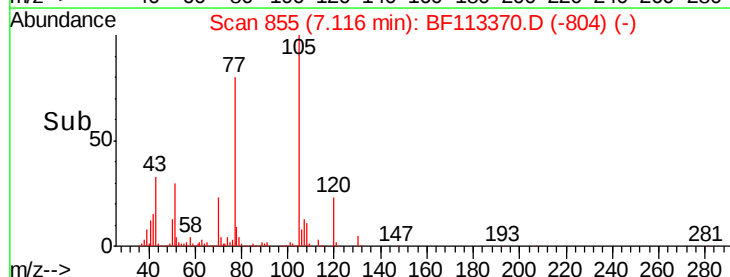


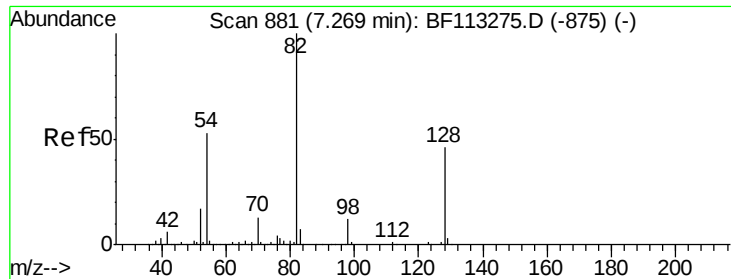
Abundance Ion 105.00 (104.70 to 105.70): E

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

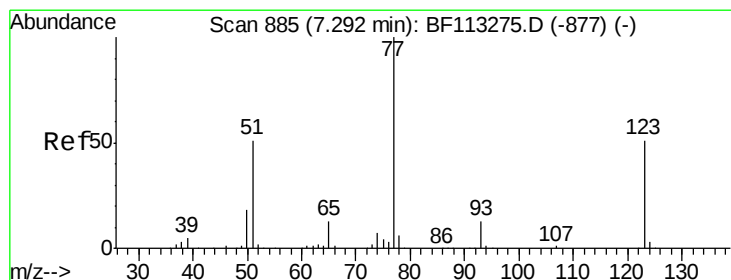
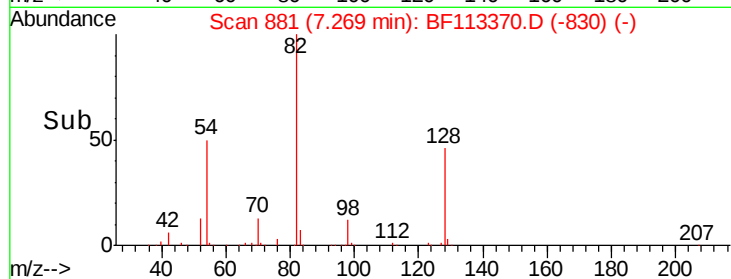
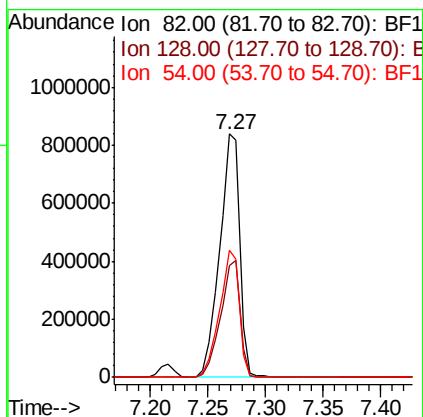
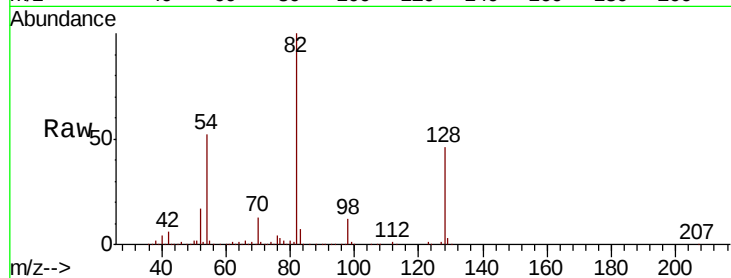




#23
Nitrobenzene-d5
Concen: 77.550 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

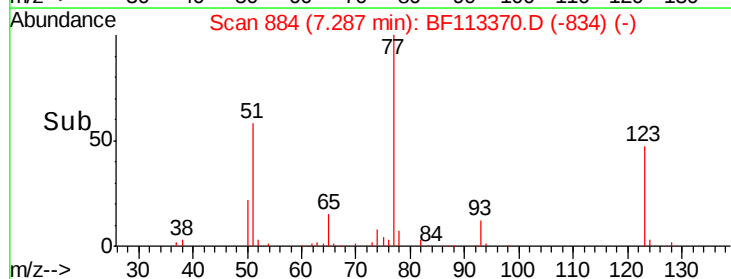
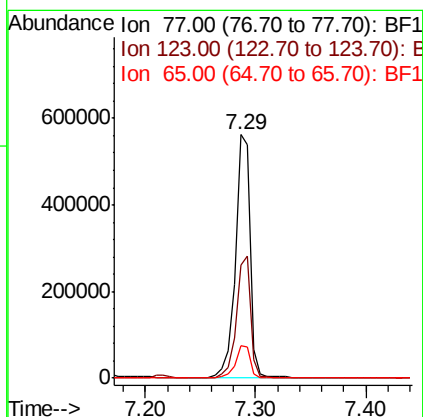
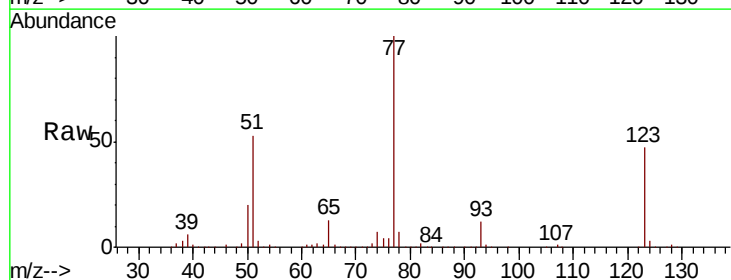
Instrument :
BNA_F
ClientSampleId :

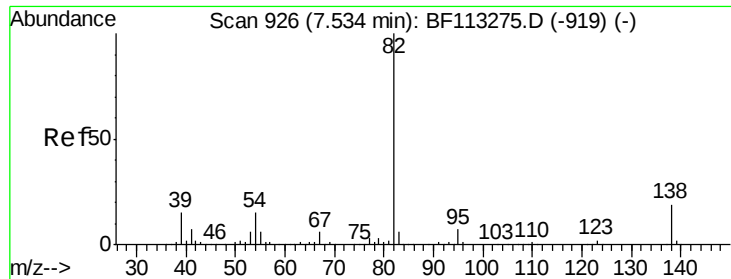
Tot Ion: 82 Resp: 1011589
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 52.0 42.2 63.2



#24
Nitrobenzene
Concen: 38.818 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion: 77 Resp: 528386
Ion Ratio Lower Upper
77 100
123 46.5 40.8 61.2
65 13.4 10.6 16.0





#25

Isophorone

Concen: 38.032 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

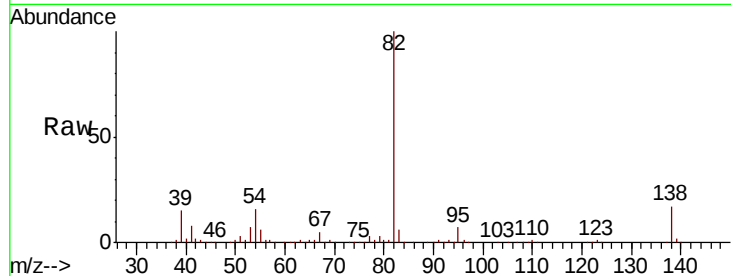
Tot Ion: 82 Resp: 961436

Ion Ratio Lower Upper

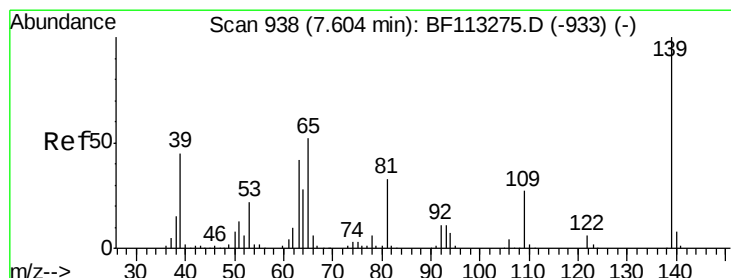
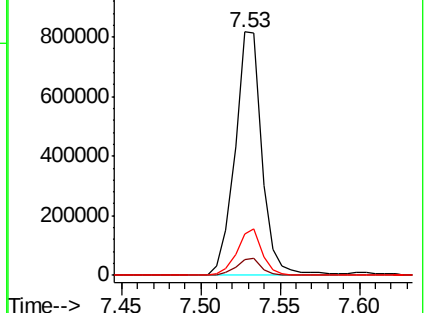
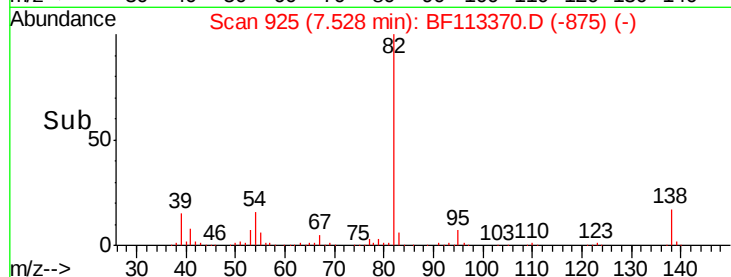
82 100

95 6.7 5.5 8.3

138 17.0 15.2 22.8



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: 39.494 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

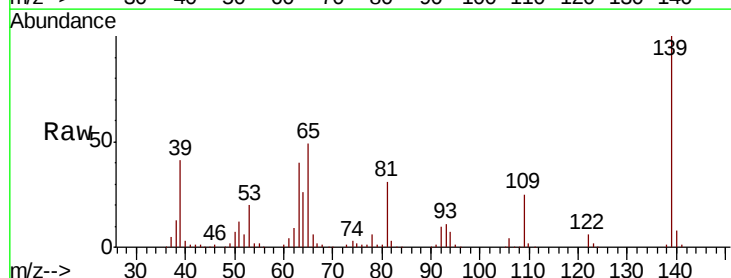
Tgt Ion: 139 Resp: 284159

Ion Ratio Lower Upper

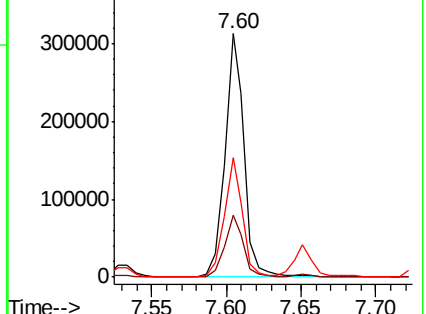
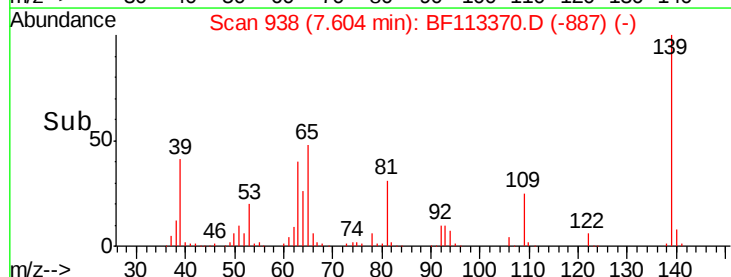
139 100

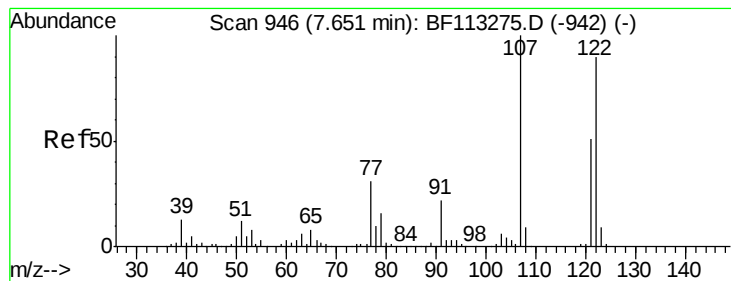
109 25.4 21.7 32.5

65 48.9 41.6 62.4



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

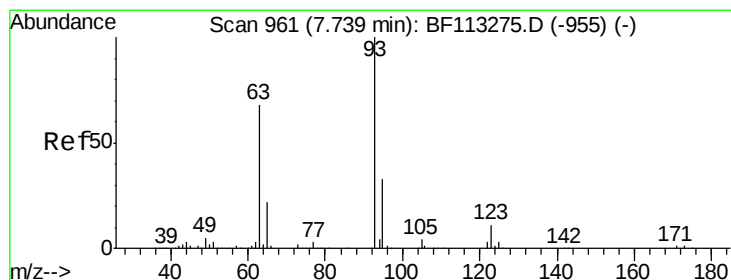
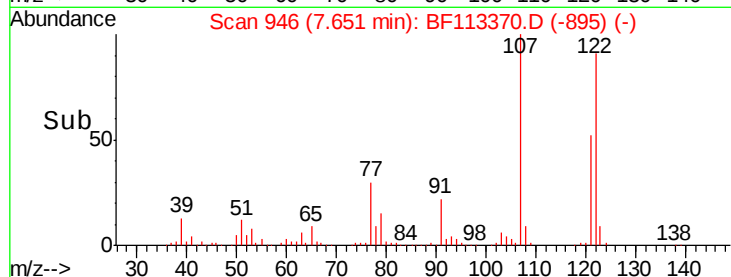
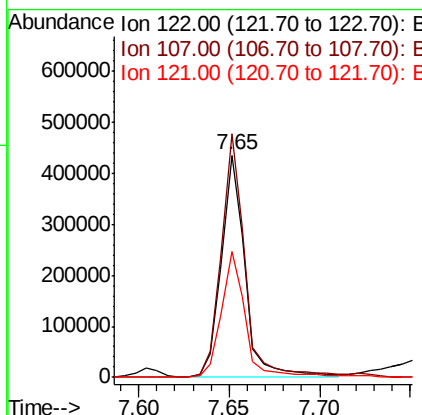
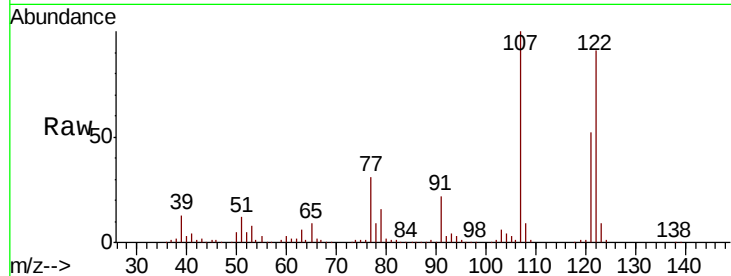




#27
 2,4-Dimethylphenol
 Concen: 38.286 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

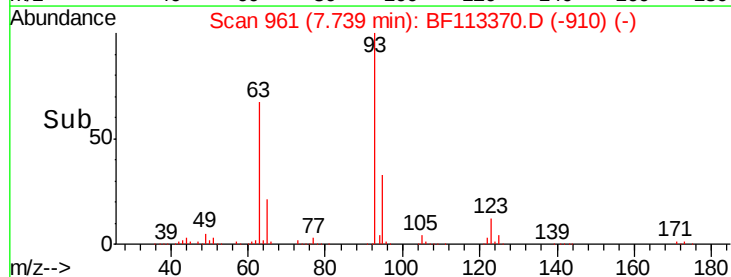
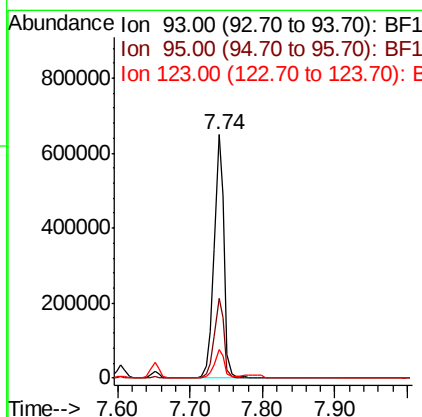
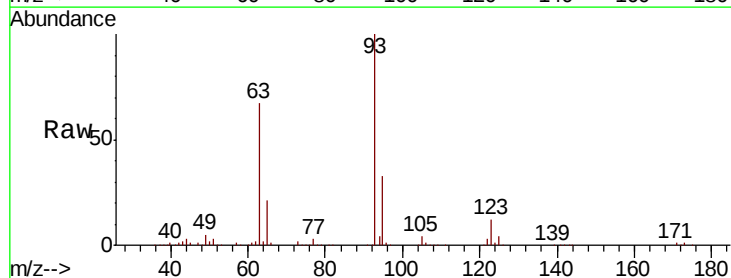
Instrument :
 BNA_F
 ClientSampleId :

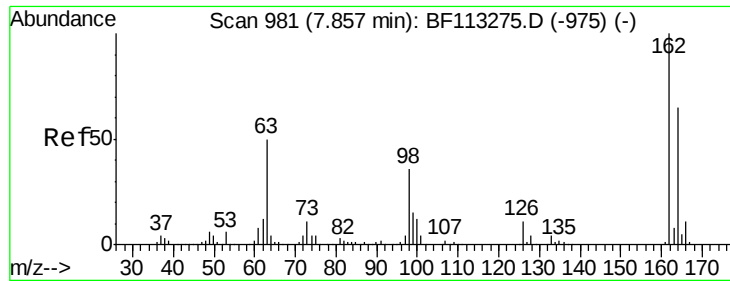
Tot Ion:122 Resp: 396261
 Ion Ratio Lower Upper
 122 100
 107 109.6 88.8 133.2
 121 56.8 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.741 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion: 93 Resp: 616729
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 11.7 9.1 13.7

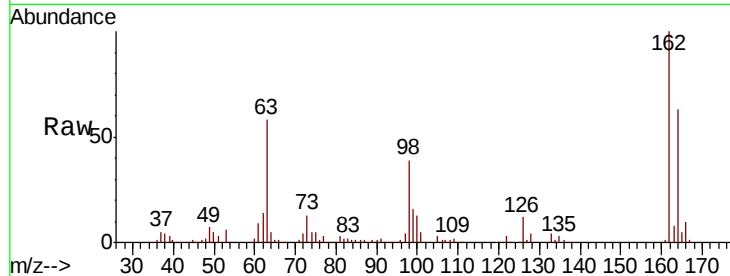




#29
 2,4-Dichlorophenol
 Concen: 38.634 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	433322
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.6	84.6
98	38.7	15.6	55.6

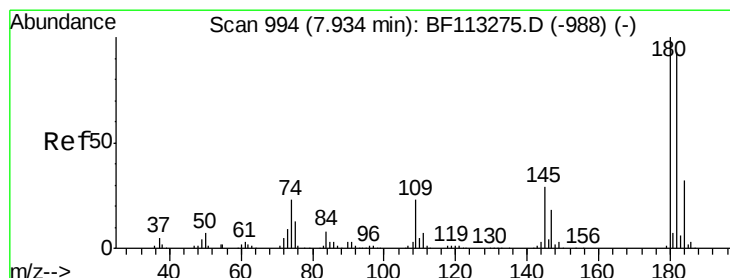
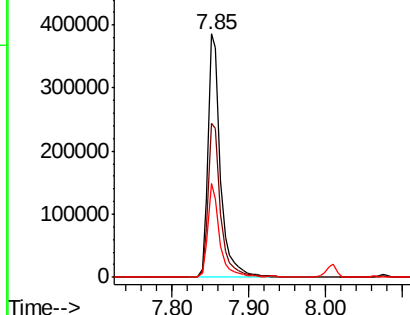
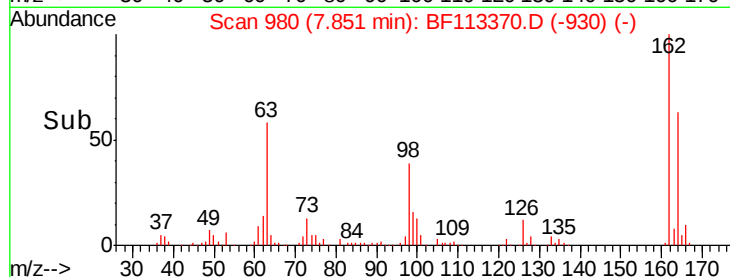


Abundance

Ion 162.00 (161.70 to 162.70): E

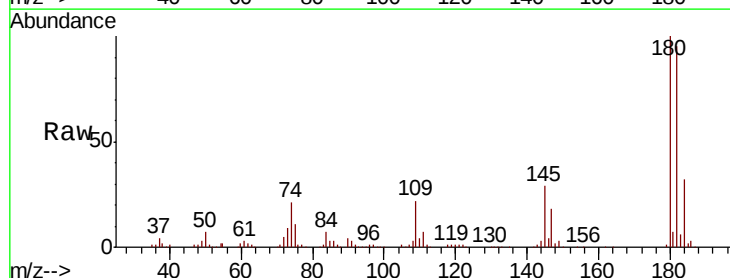
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.963 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	180	Resp	459392
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.6	111.8
145	28.8	23.4	35.0

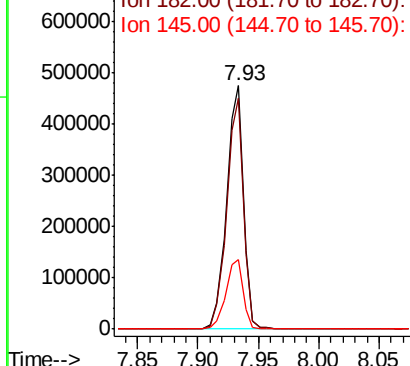
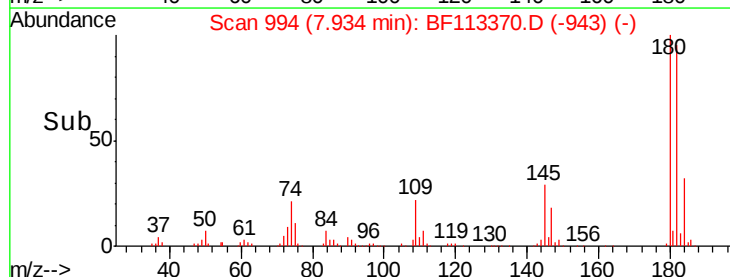


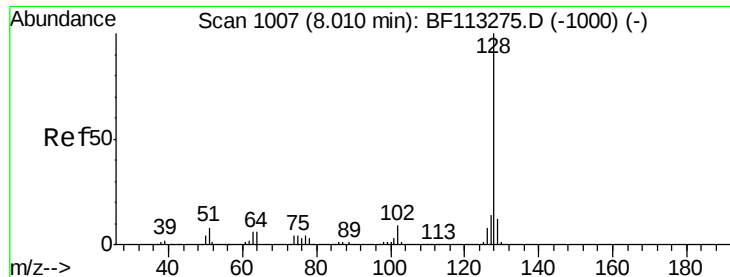
Abundance

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

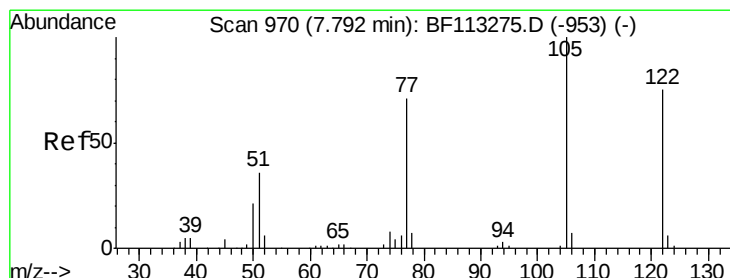
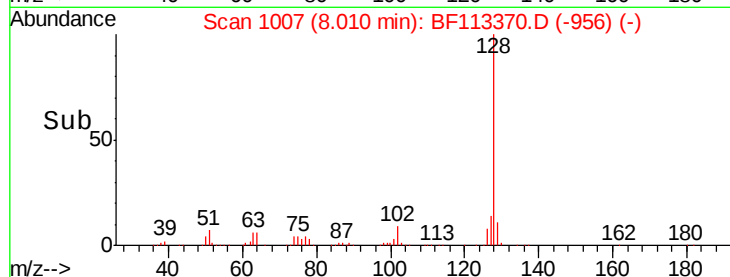
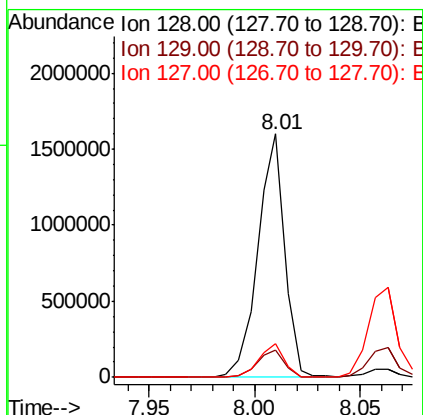
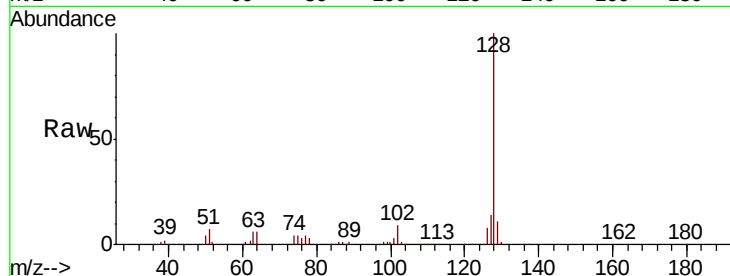




#31
Naphthalene
Concen: 37.430 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

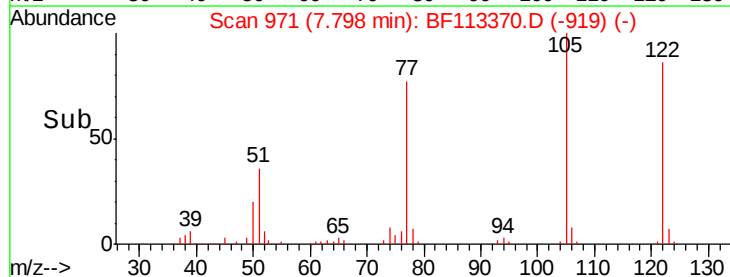
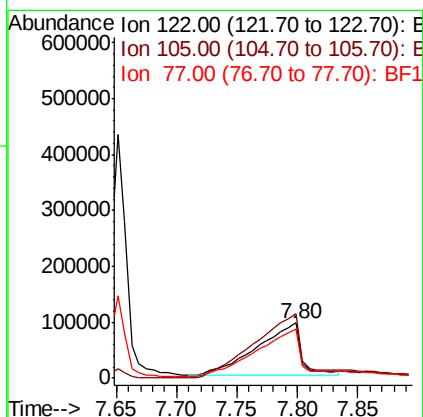
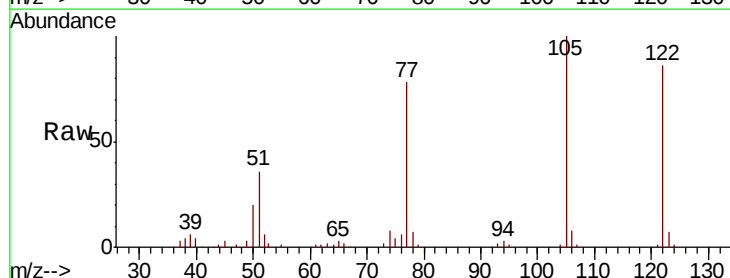
Instrument :
BNA_F
ClientSampleId :

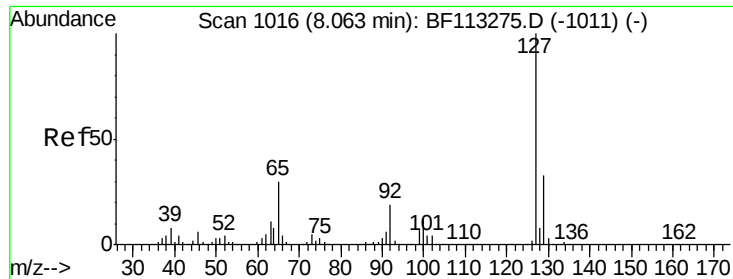
Tot Ion:128 Resp: 1416174
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 28.620 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:122 Resp: 238436
Ion Ratio Lower Upper
122 100
105 116.4 100.4 140.4
77 90.3 69.0 109.0

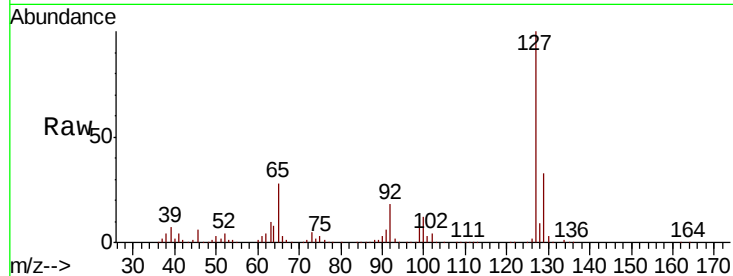




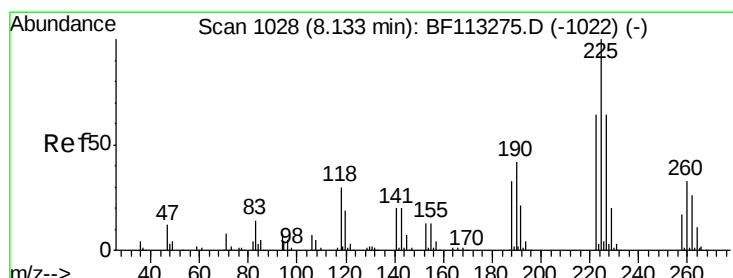
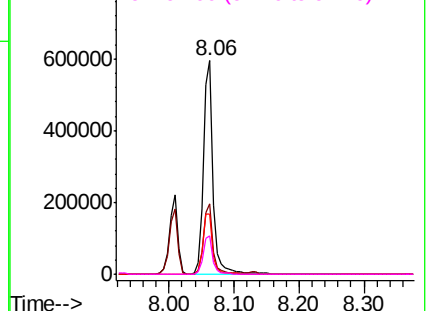
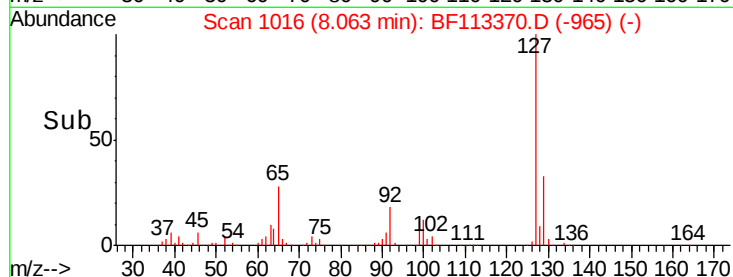
#33
4-Chloroaniline
Concen: 40.933 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	603911
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	28.1	24.2	36.4
92	18.2	15.0	22.6

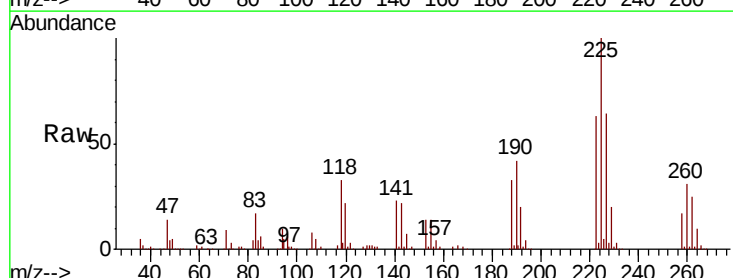


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

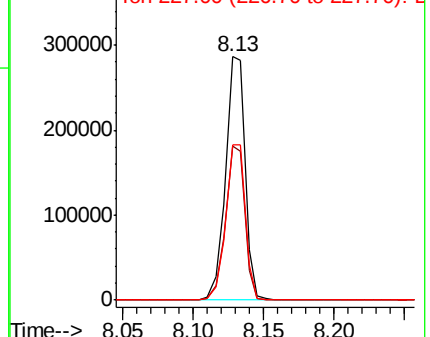
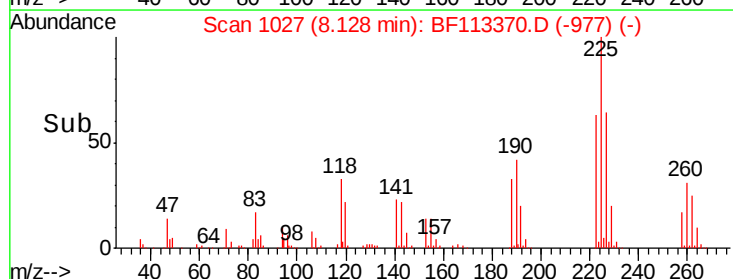


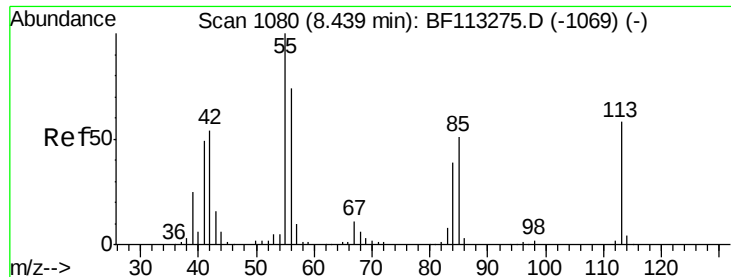
#34
Hexachlorobutadiene
Concen: 38.328 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:	225	Resp:	275662
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.2
227	63.7	51.1	76.7



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

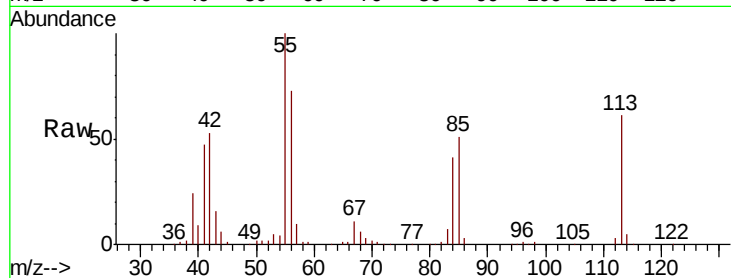




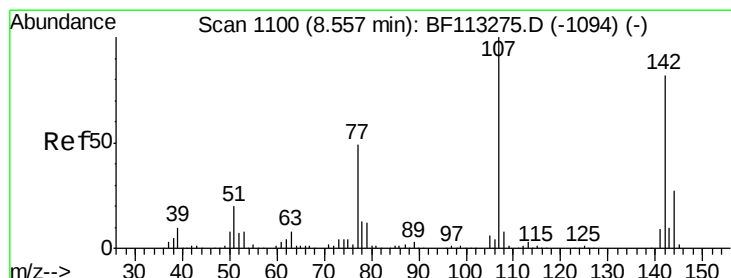
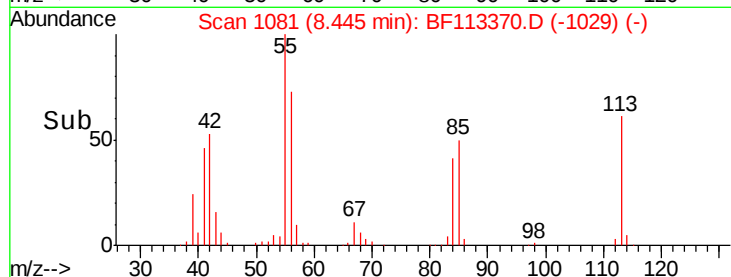
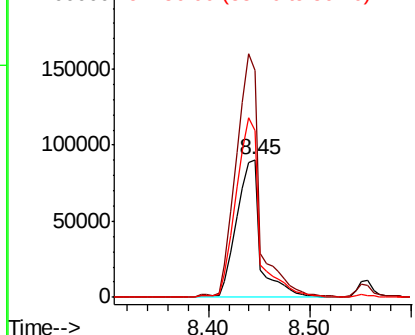
#35
Caprolactam
Concen: 41.372 ng
RT: 8.45 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 148927
Ion Ratio Lower Upper
113 100
55 164.8 152.7 192.7
56 120.9 108.3 148.3

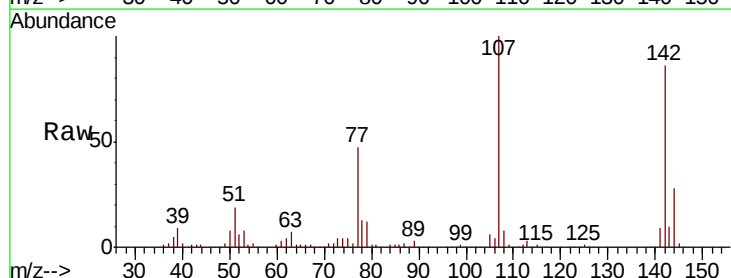


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

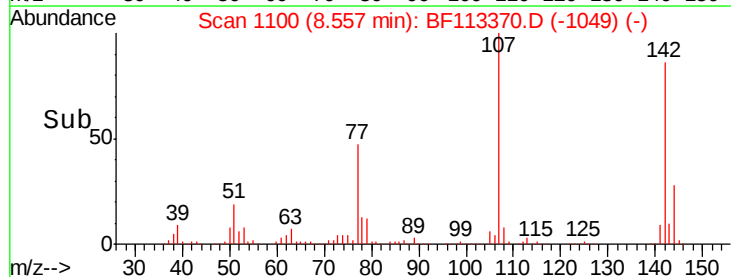
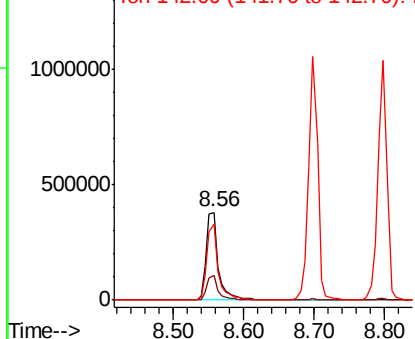


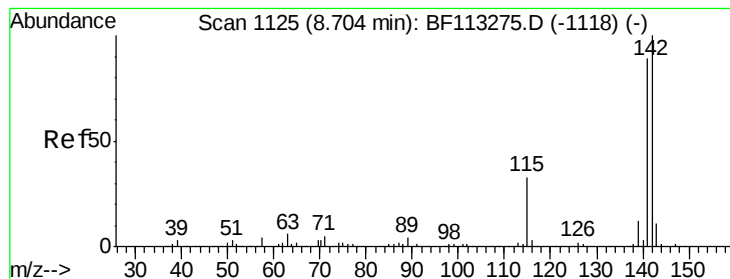
#36
4-Chloro-3-methylphenol
Concen: 39.700 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:107 Resp: 447863
Ion Ratio Lower Upper
107 100
144 28.1 21.4 32.0
142 85.9 65.6 98.4



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





#37

2-Methylnaphthalene

Concen: 39.556 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

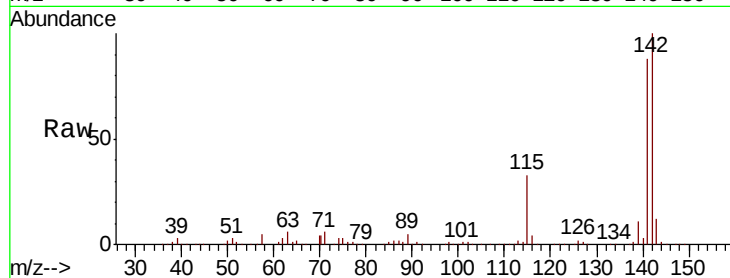
Tot Ion:142 Resp: 933828

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6

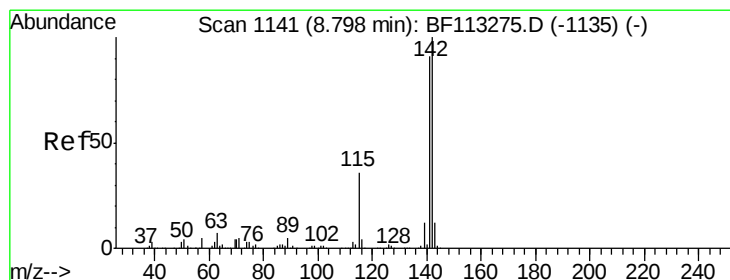
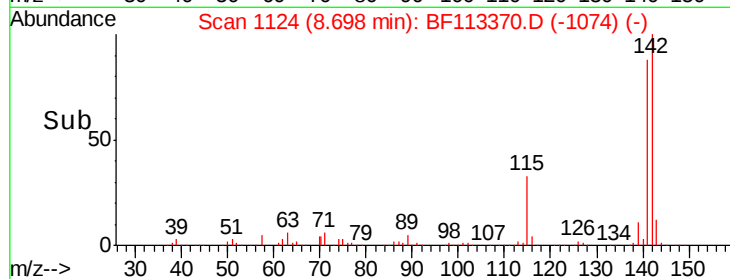
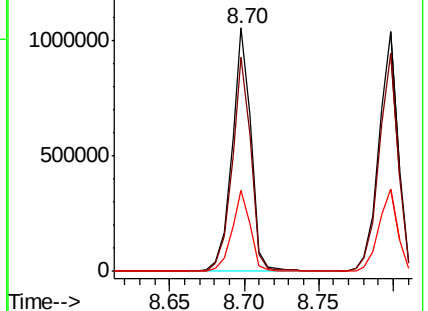
115 33.4 26.6 39.8



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: 39.451 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

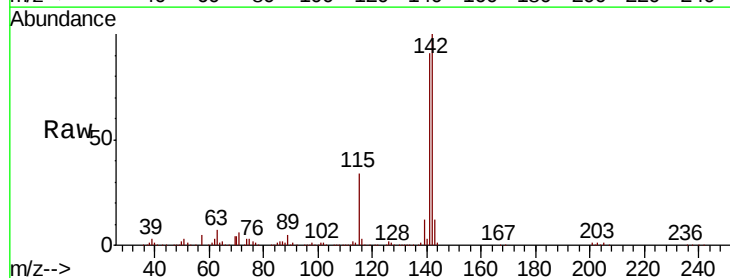
Tgt Ion:142 Resp: 895835

Ion Ratio Lower Upper

142 100

141 91.2 73.2 109.8

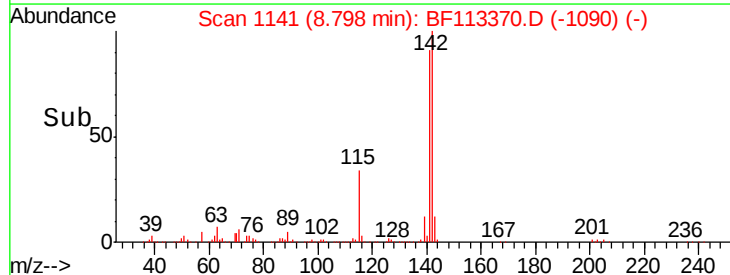
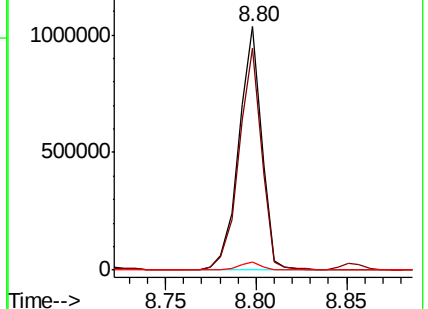
116 3.5 3.0 4.4

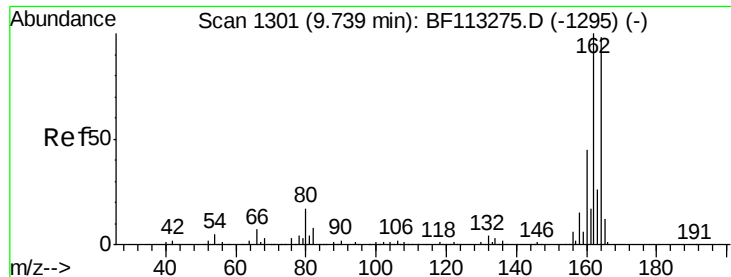


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

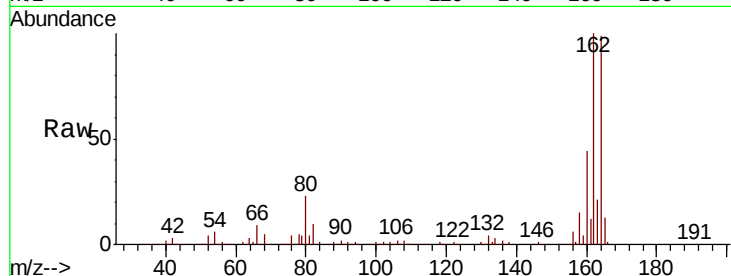




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	44.6	36.4	54.6

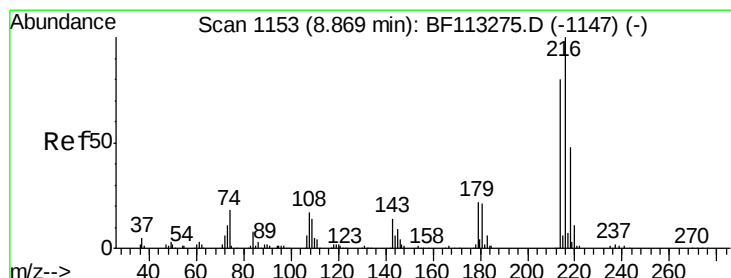
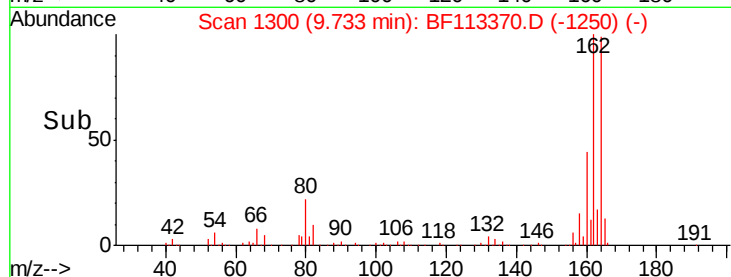
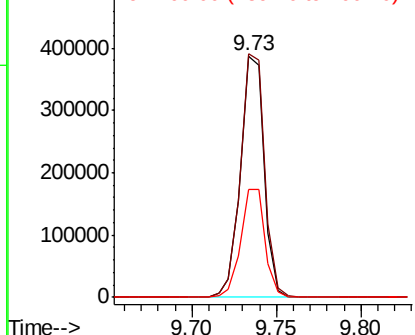


Abundance

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: 36.898 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	20.7	16.8	25.2
108	17.4	13.8	20.6

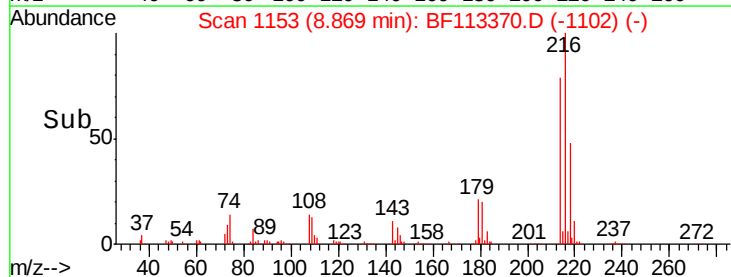
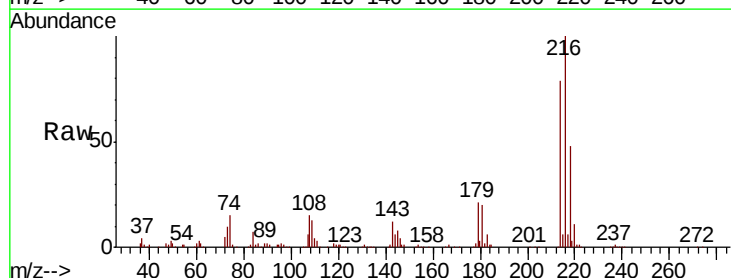
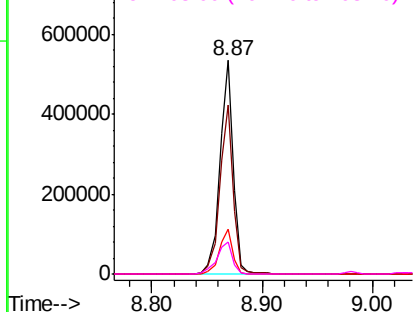
Abundance

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

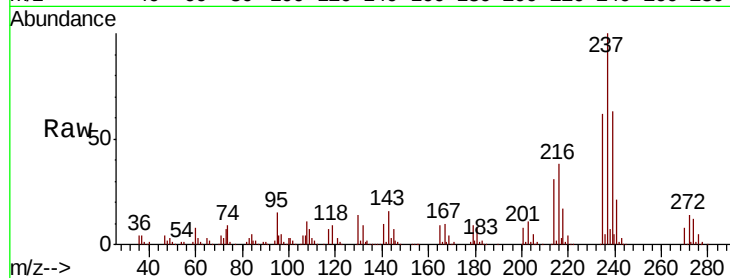




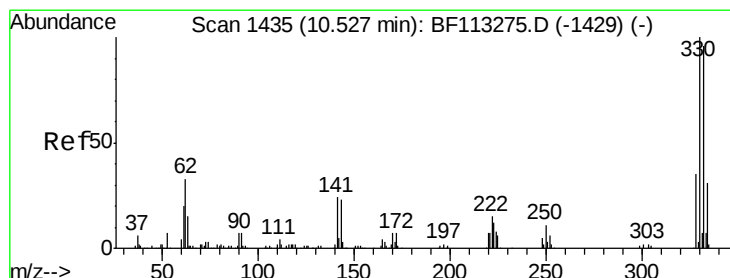
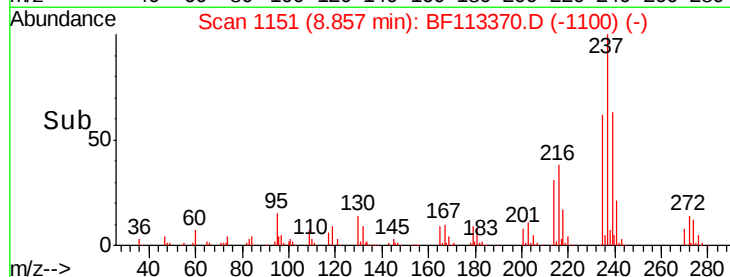
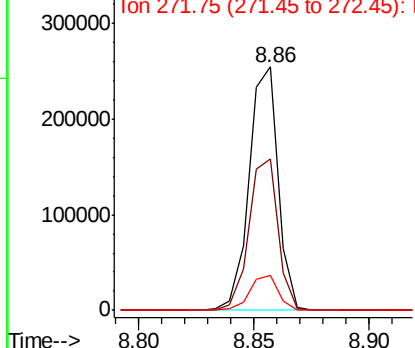
#41
Hexachlorocyclopentadiene
Concen: 43.790 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.4	83.4
272	14.4	0.0	33.7

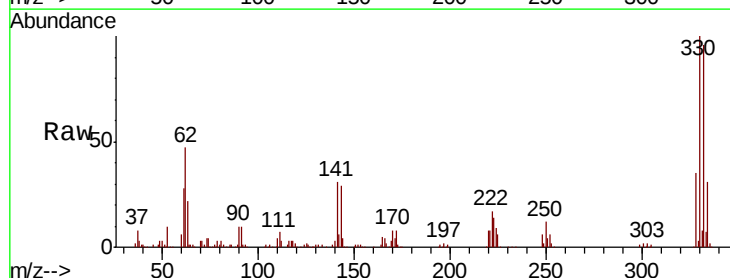


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

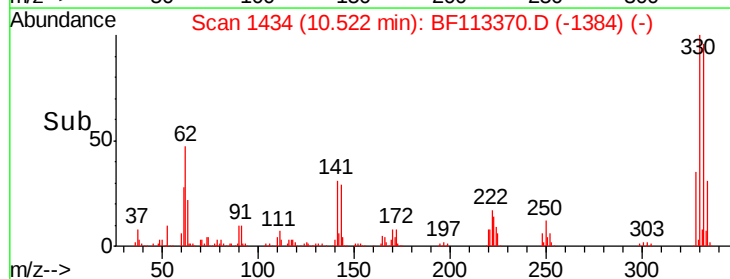
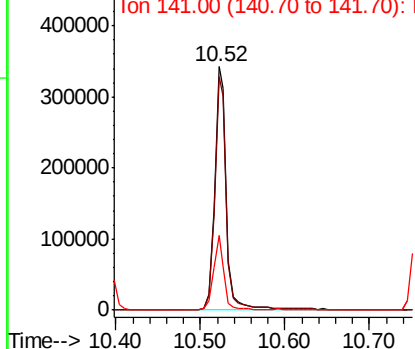


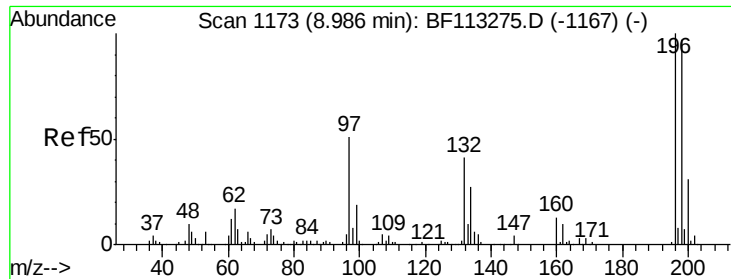
#42
2,4,6-Tribromophenol
Concen: 74.204 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	27.1	22.7	34.1



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

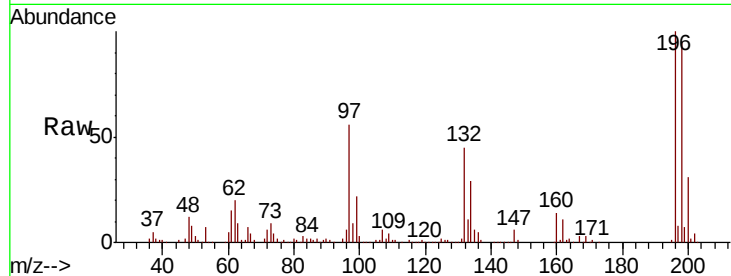




#43
 2,4,6-Trichlorophenol
 Concen: 36.719 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	289134
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.7	116.5
200	30.6	24.9	37.3

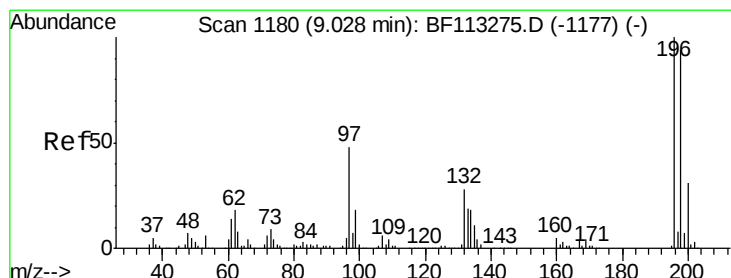
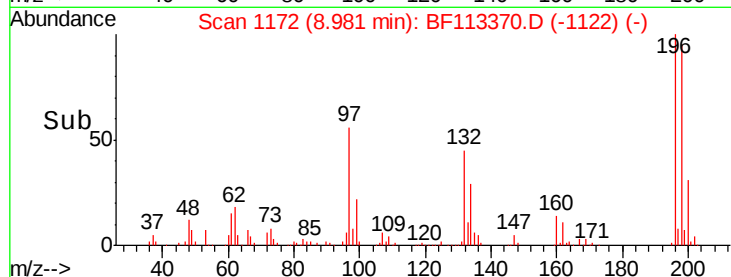
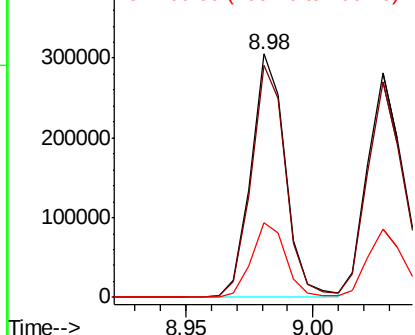


Abundance

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: 36.485 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	196	Resp	317941
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.4	113.2
97	46.7	38.6	58.0
132	28.5	22.9	34.3

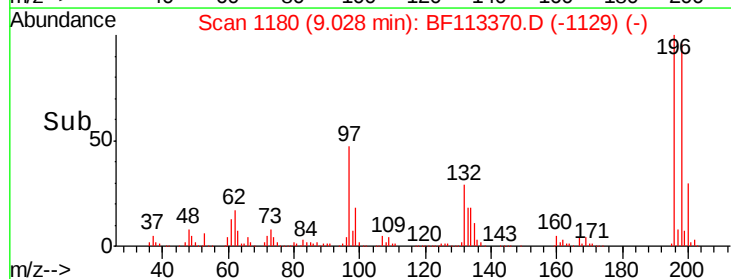
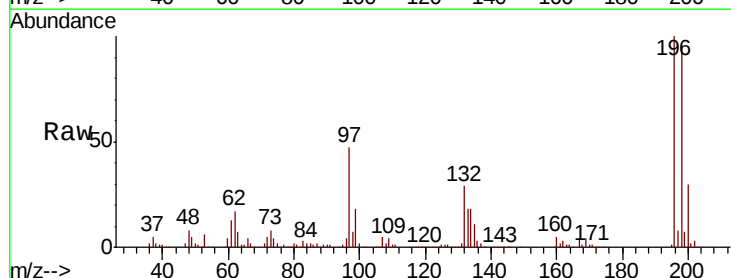
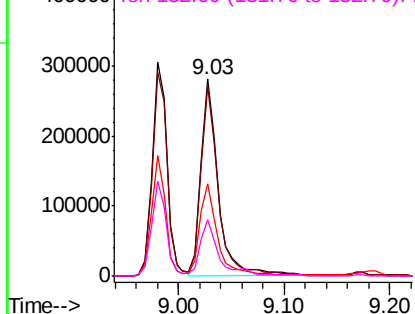
Abundance

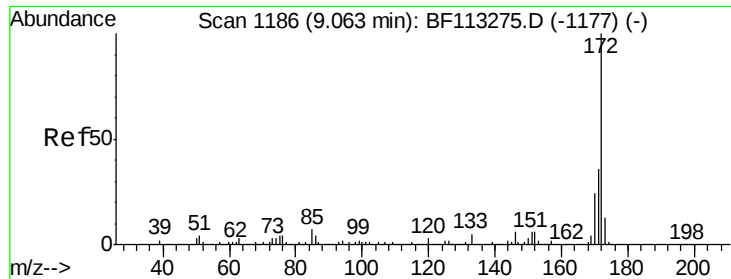
Ion 196.00 (195.70 to 196.70): E

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

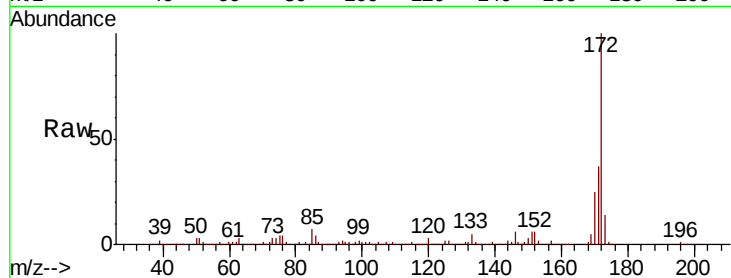




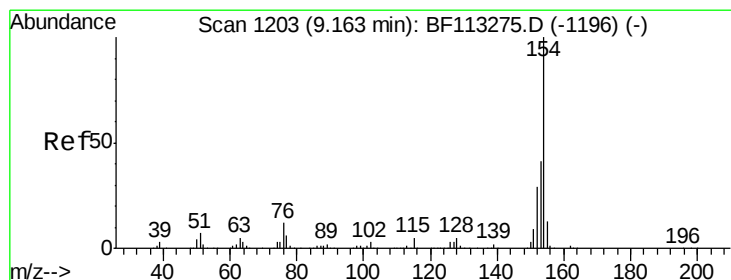
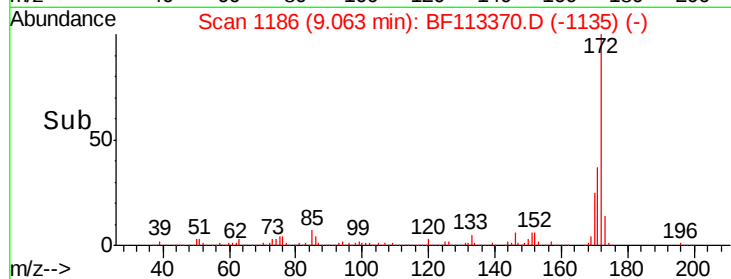
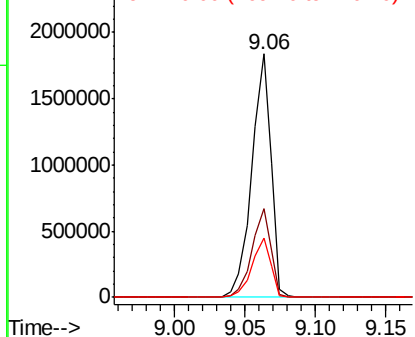
#45
2-Fluorobiphenyl
Concen: 70.172 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1760437
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.6 19.5 29.3

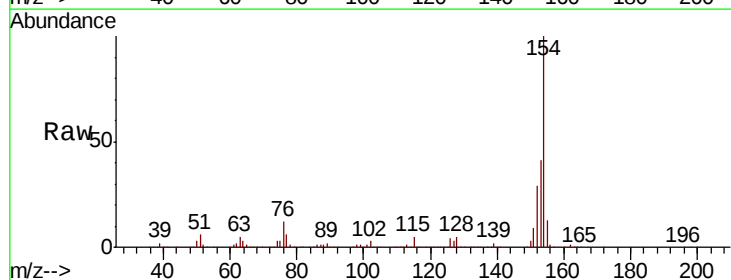


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

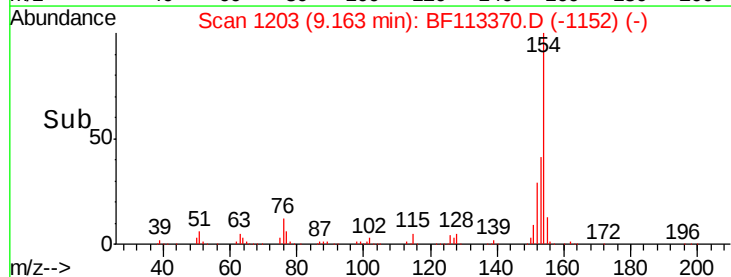
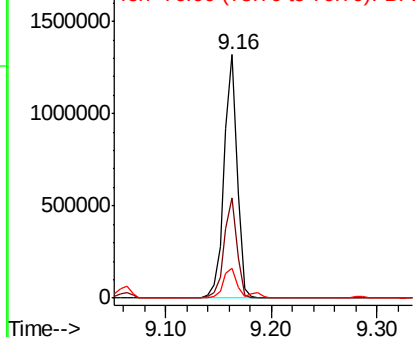


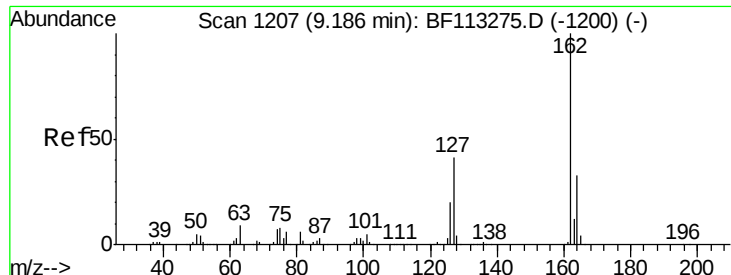
#46
1,1'-Biphenyl
Concen: 36.557 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:154 Resp: 1150131
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 12.4 0.0 31.9



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

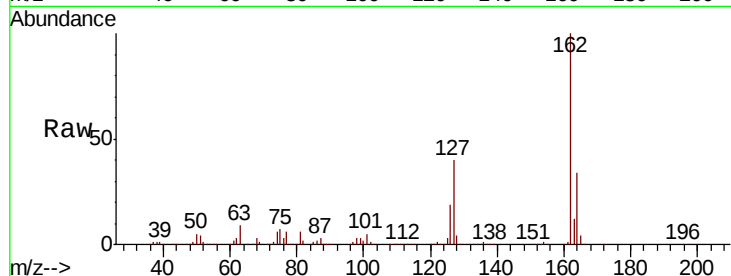




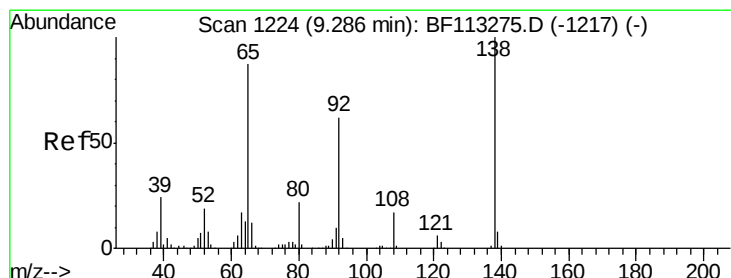
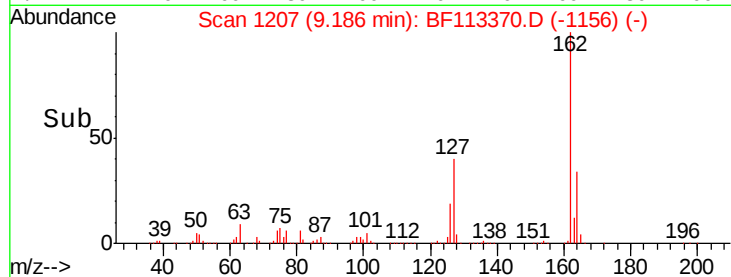
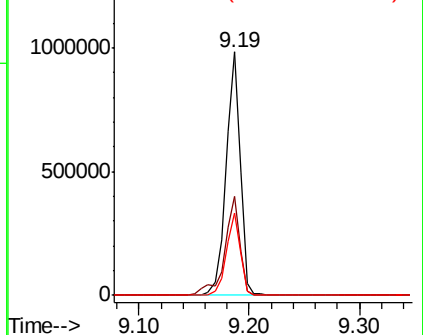
#47
 2-Chloronaphthalene
 Concen: 36.624 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	49.0
164	33.8	26.6	39.8

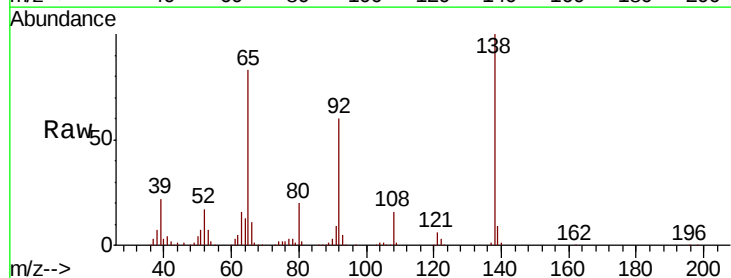


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

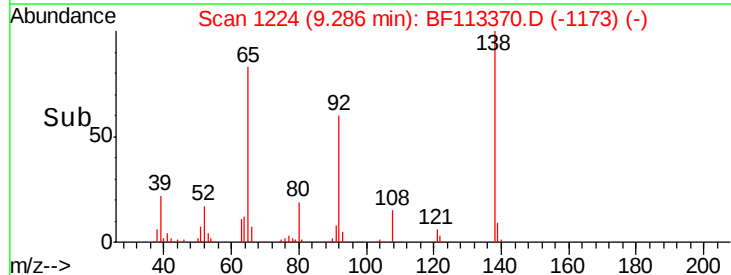
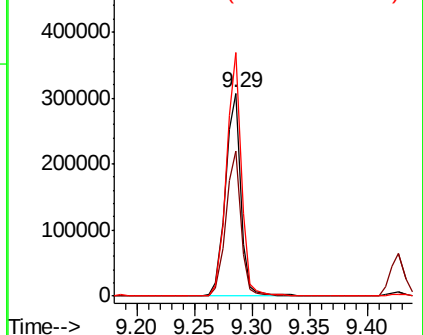


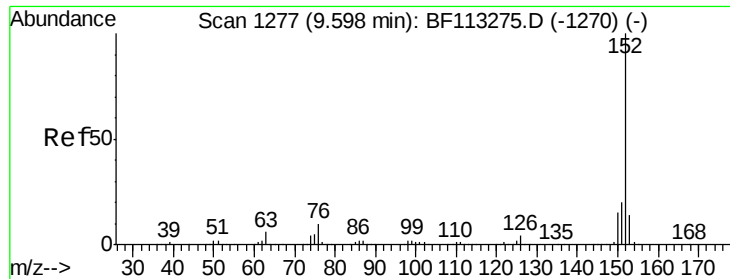
#48
 2-Nitroaniline
 Concen: 37.638 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	56.8	85.2
138	120.0	92.3	138.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.297 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampled :

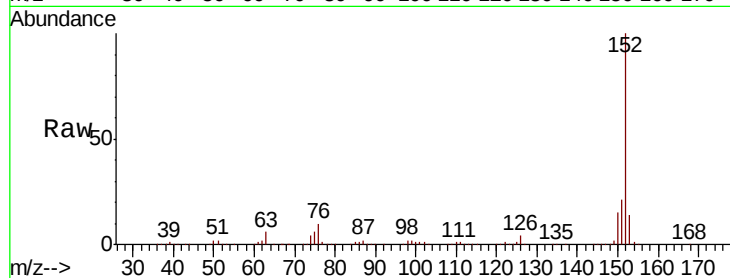
Tot Ion:152 Resp: 1460833

Ion Ratio Lower Upper

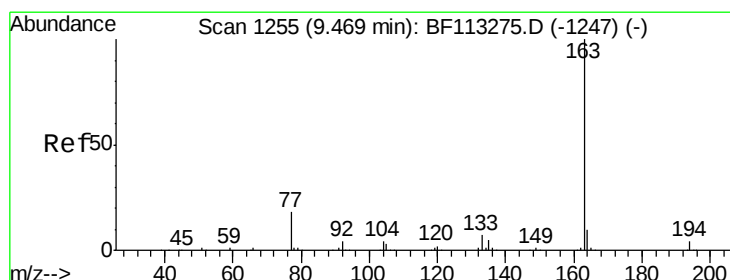
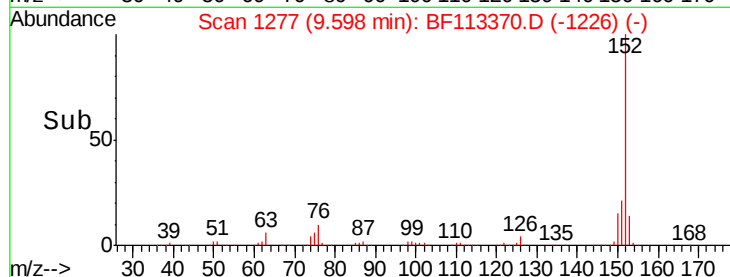
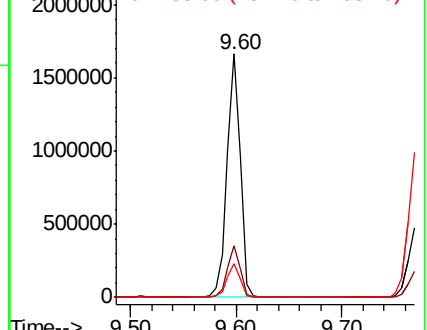
152 100

151 21.1 16.2 24.4

153 13.9 11.0 16.6



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



#50

Dimethylphthalate

Concen: 37.842 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

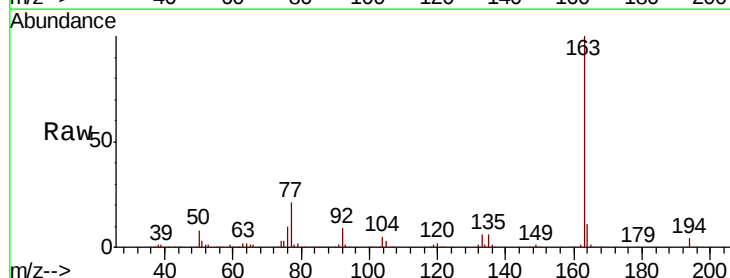
Tgt Ion:163 Resp: 1056414

Ion Ratio Lower Upper

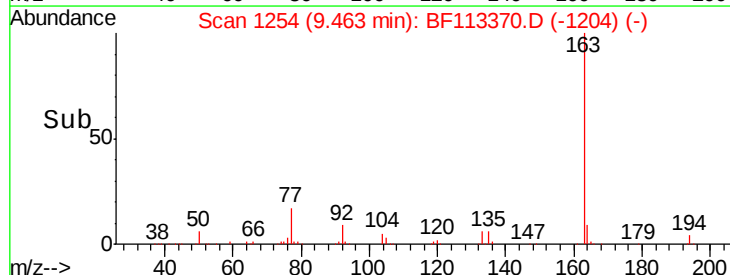
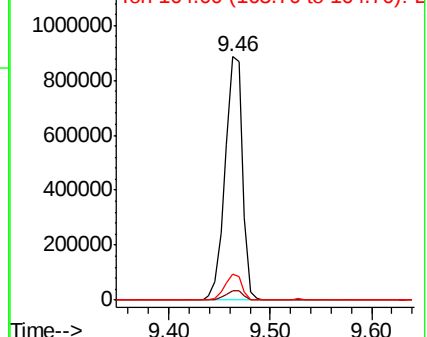
163 100

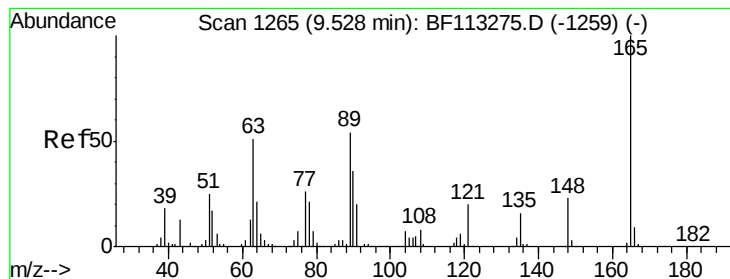
194 3.8 3.0 4.6

164 10.6 8.1 12.1



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: 37.898 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampled :

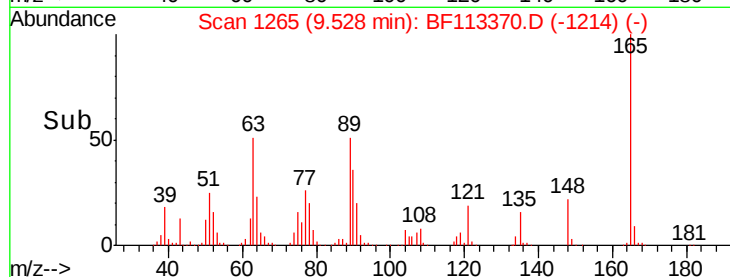
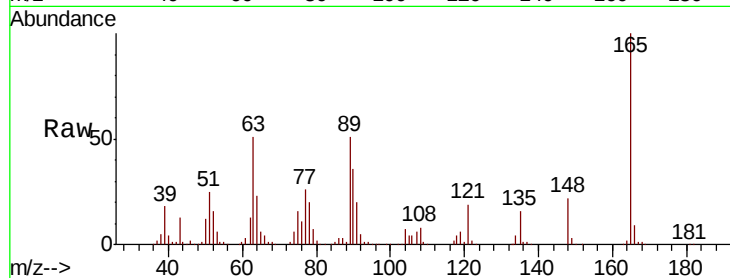
Tot Ion:165 Resp: 238673

Ion Ratio Lower Upper

165 100

63 50.7 43.4 65.0

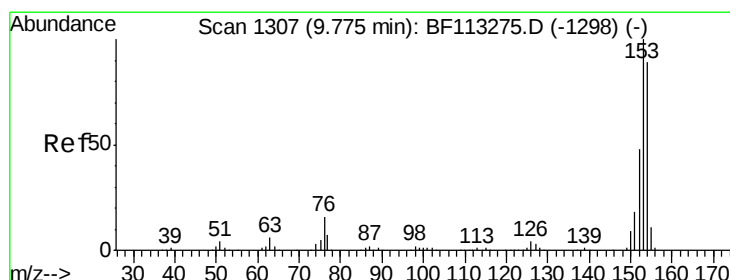
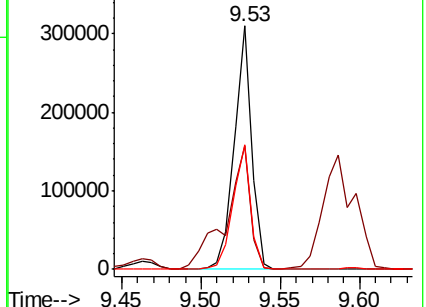
89 51.4 43.1 64.7



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: 37.185 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

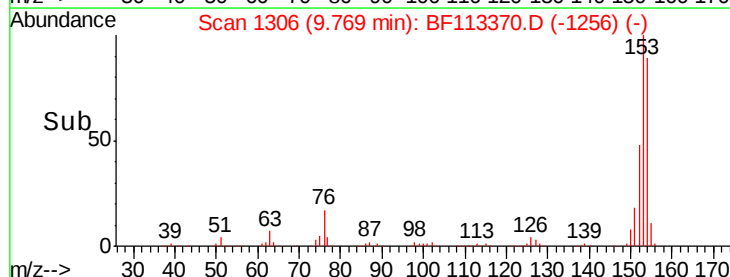
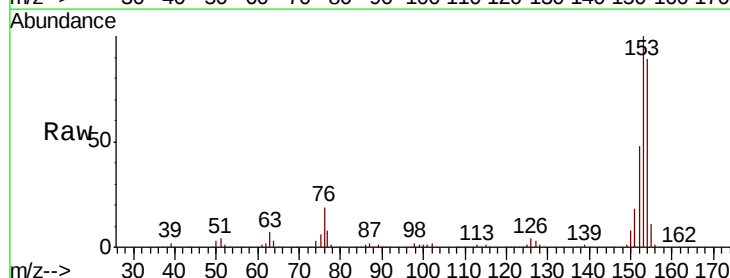
Tgt Ion:154 Resp: 820198

Ion Ratio Lower Upper

154 100

153 112.1 89.5 134.3

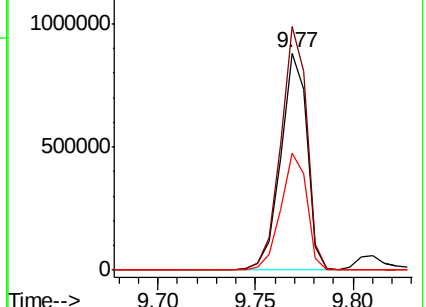
152 53.9 43.3 64.9

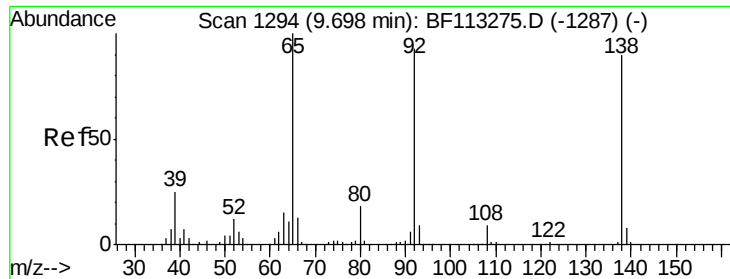


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

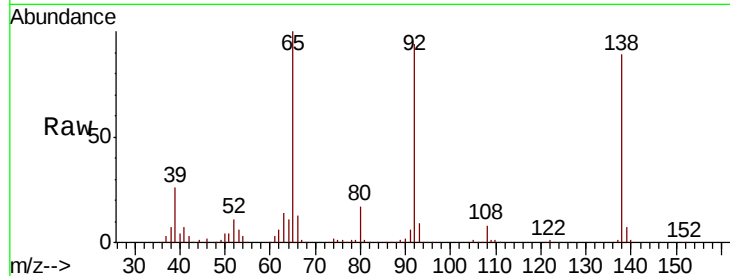




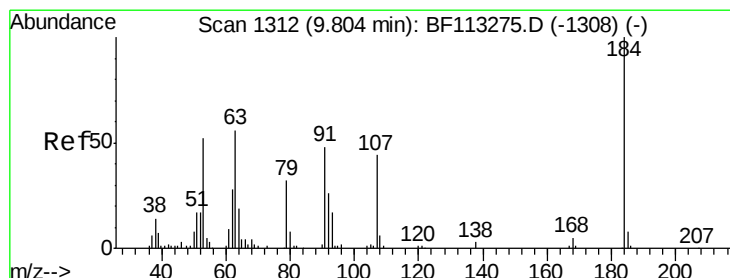
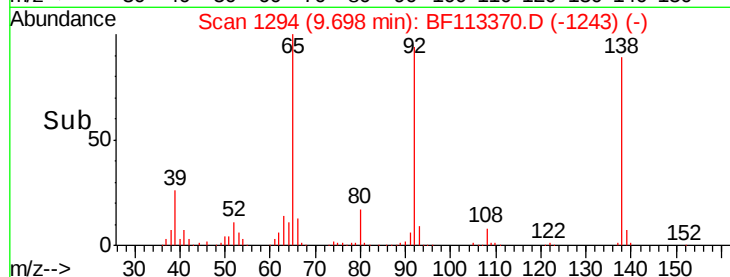
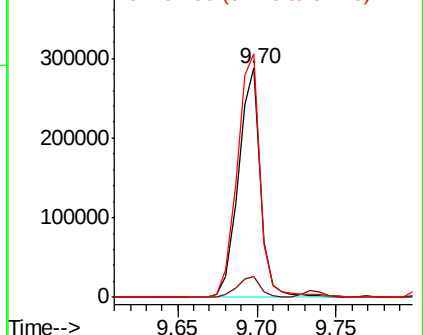
#53
3-Nitroaniline
Concen: 38.910 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 276342
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.6
92 106.2 82.6 124.0

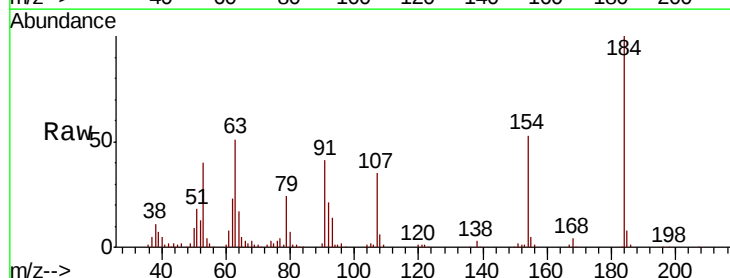


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

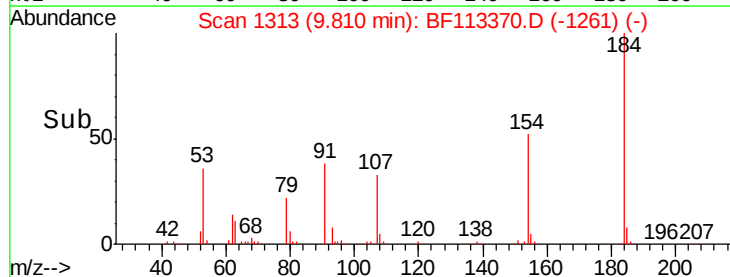
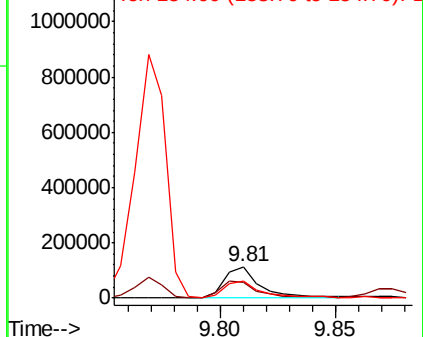


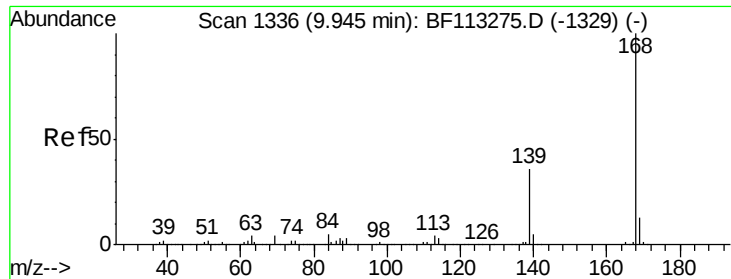
#54
2,4-Dinitrophenol
Concen: 39.295 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:184 Resp: 123084
Ion Ratio Lower Upper
184 100
63 51.0 54.3 81.5#
154 52.6 48.4 72.6



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

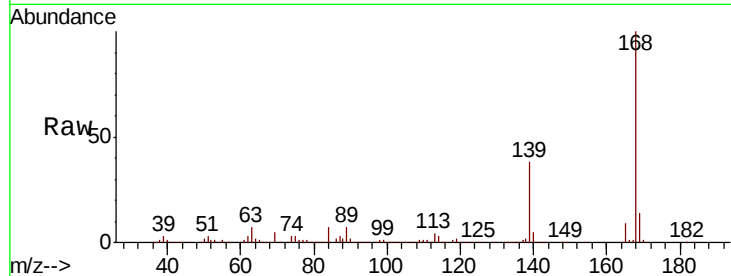




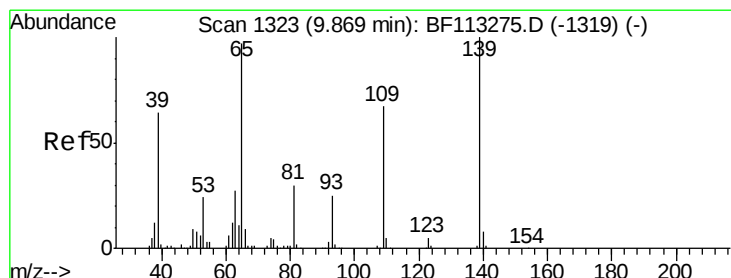
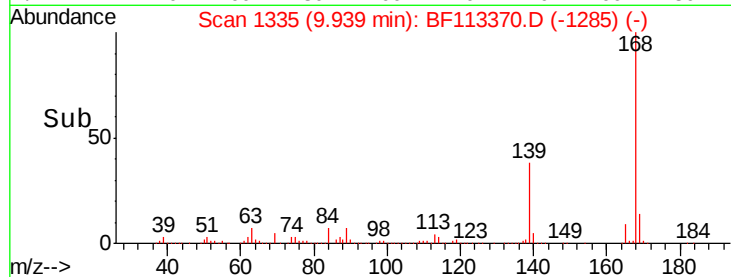
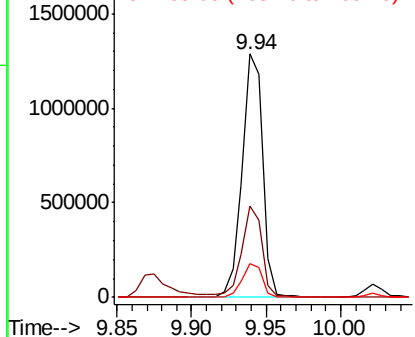
#55
Dibenzofuran
Concen: 37.191 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1233223
Ion Ratio Lower Upper
168 100
139 37.5 29.7 44.5
169 13.9 10.7 16.1

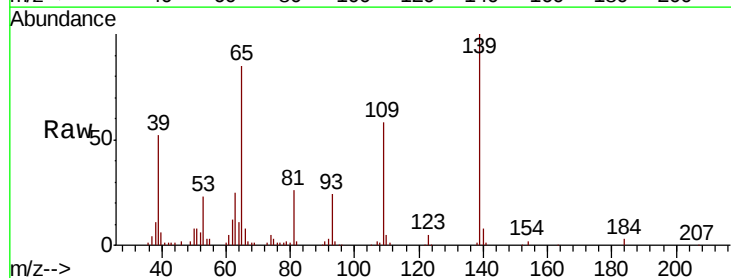


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

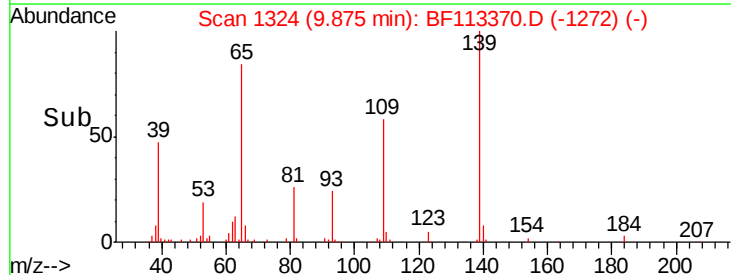
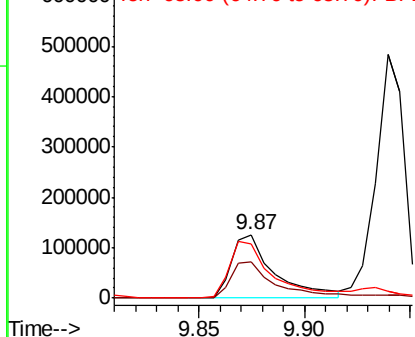


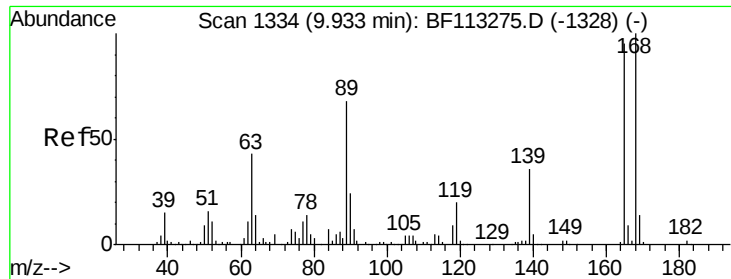
#56
4-Nitrophenol
Concen: 34.831 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:139 Resp: 176363
Ion Ratio Lower Upper
139 100
109 57.5 46.9 86.9
65 85.0 77.2 117.2



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

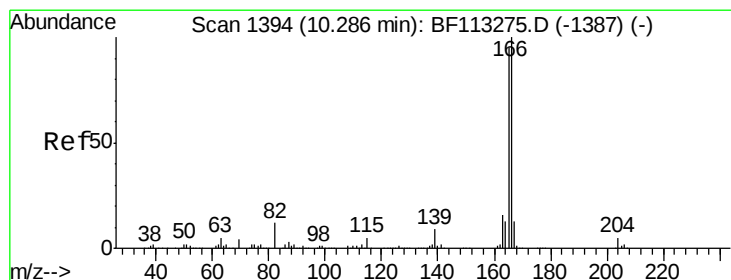
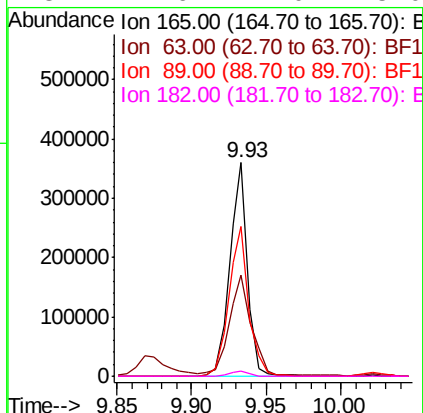
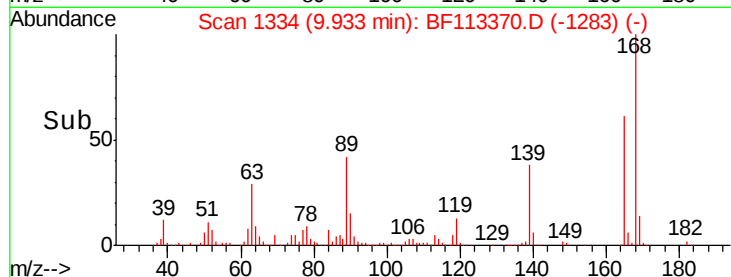
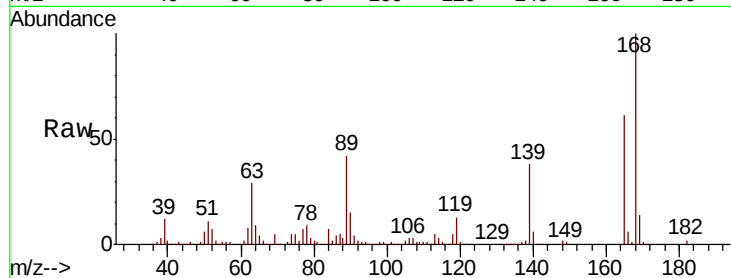




#57
2,4-Dinitrotoluene
Concen: 37.817 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

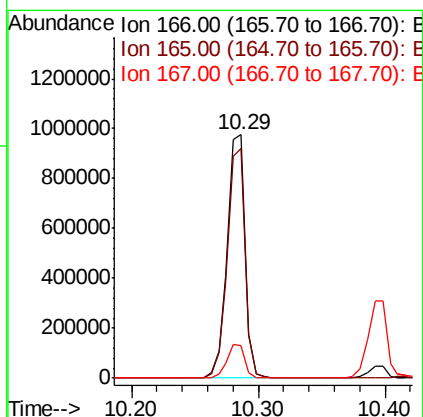
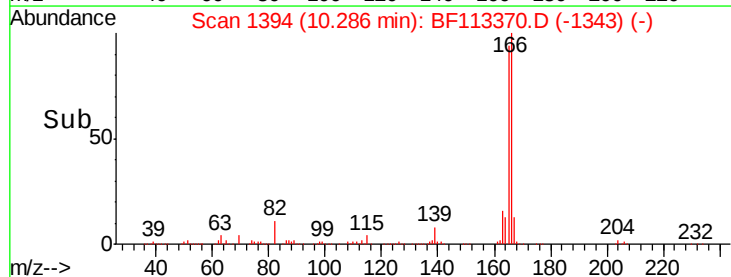
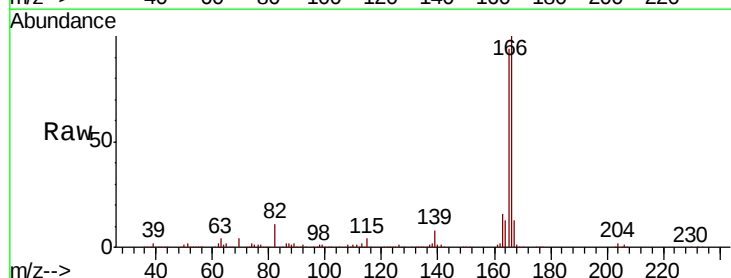
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	37.5	56.3
89	69.9	57.4	86.2
182	2.6	2.0	3.0



#58
Fluorene
Concen: 36.797 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	76.2	114.2
167	13.3	10.7	16.1

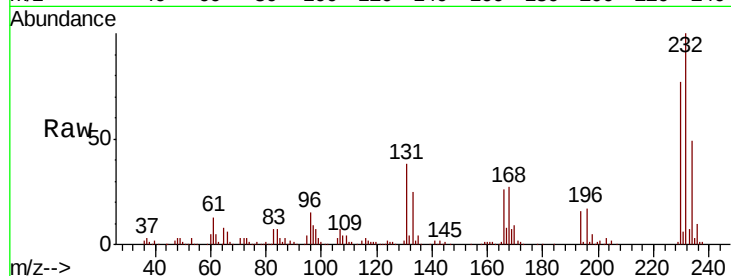




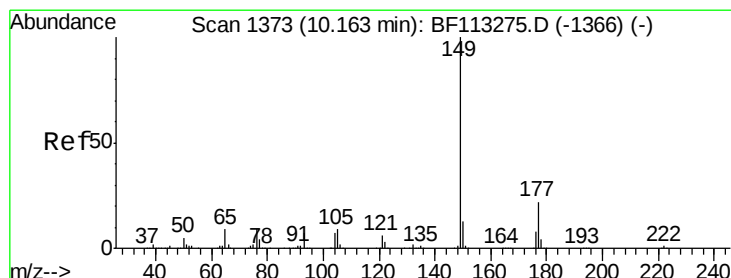
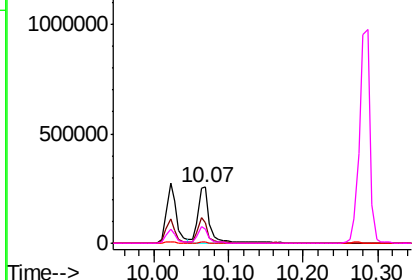
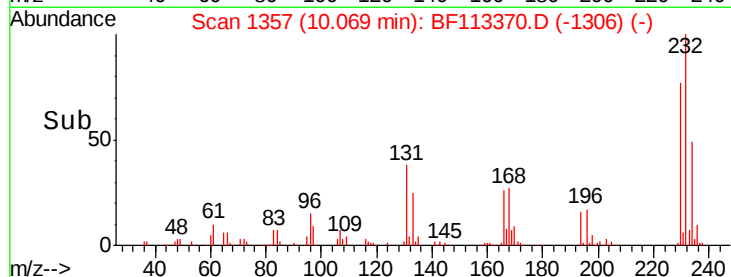
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.352 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	33.2	49.8
130	1.8	1.6	2.4
166	26.1	21.0	31.6

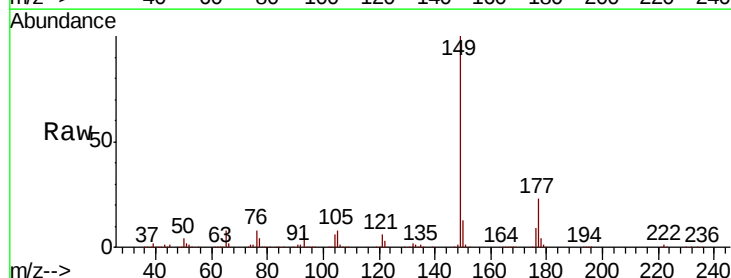


Abundance Ion 232.00 (231.70 to 232.70): E
1500000 Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

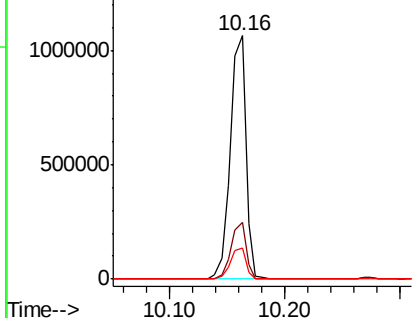
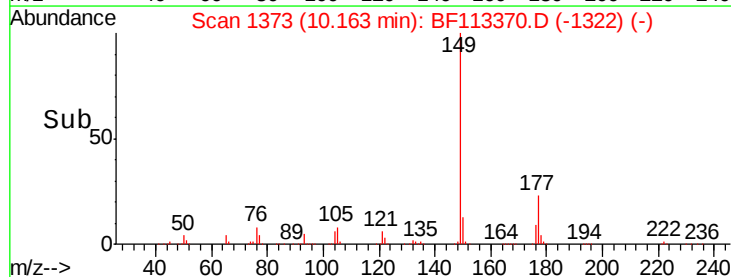


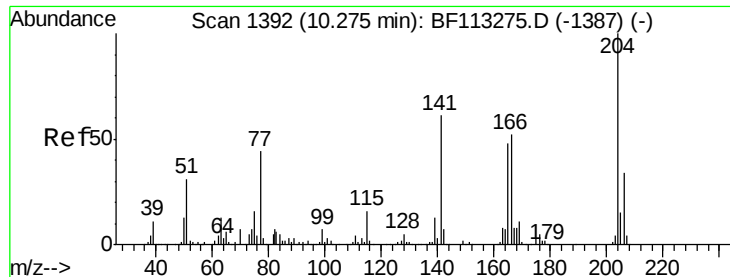
#60
Diethylphthalate
Concen: 36.642 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.4	26.0
150	12.6	10.0	15.0



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

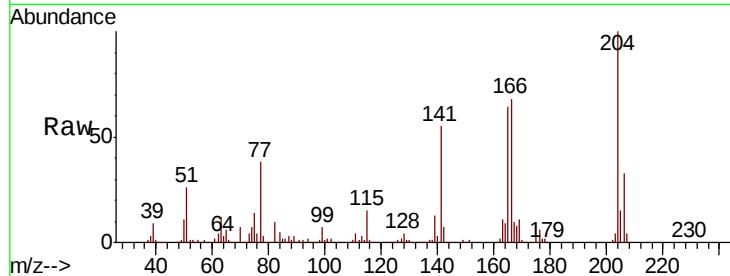




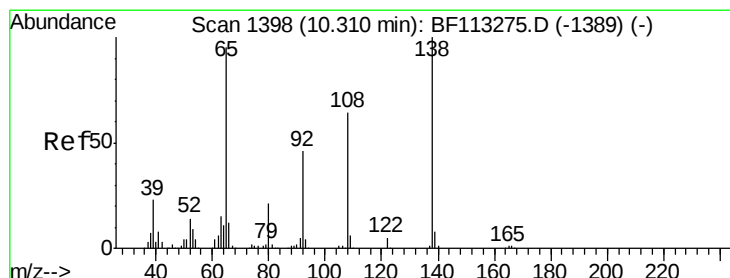
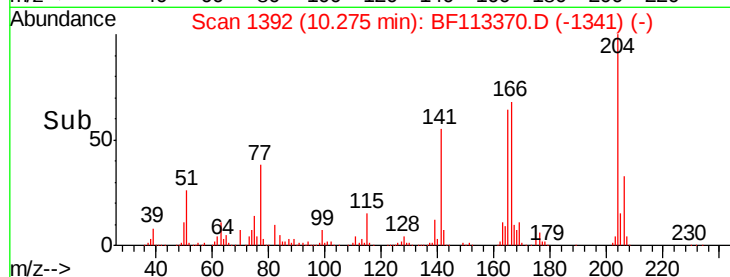
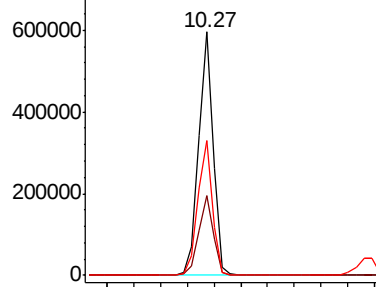
#61
4-Chlorophenyl-phenylether
Concen: 36.810 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	55.5	48.8	73.2

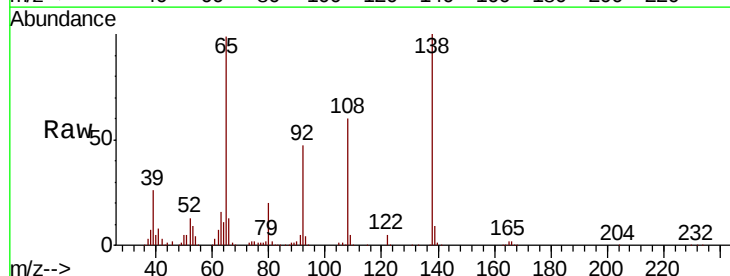


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

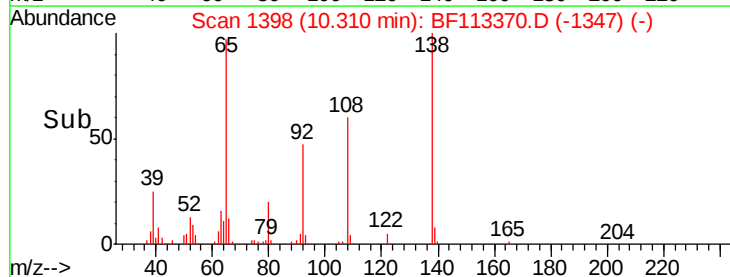
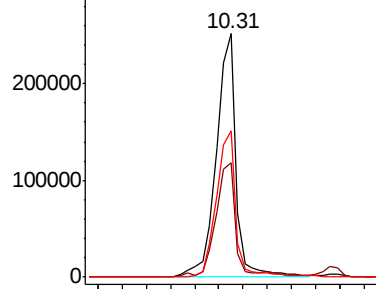


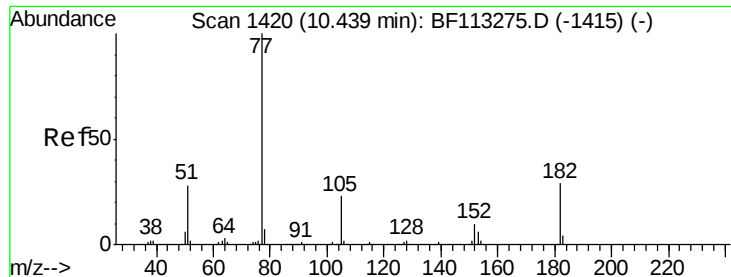
#62
4-Nitroaniline
Concen: 39.499 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	25.8	65.8
108	60.4	44.0	84.0



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: 37.730 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 972638

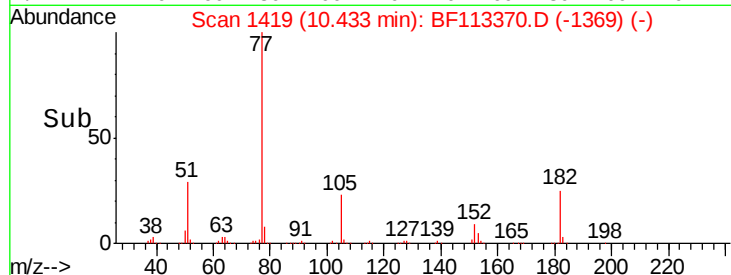
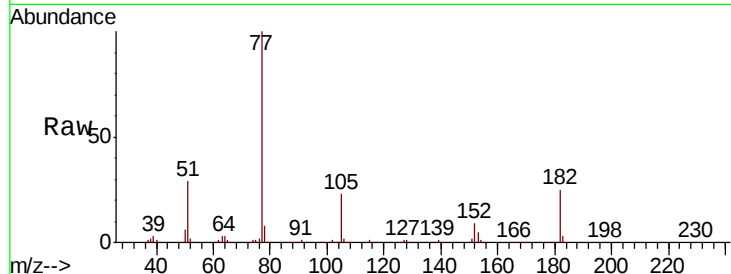
Ion Ratio Lower Upper

77 100

182 24.7 8.7 48.7

105 22.8 2.9 42.9

51 28.9 8.8 48.8

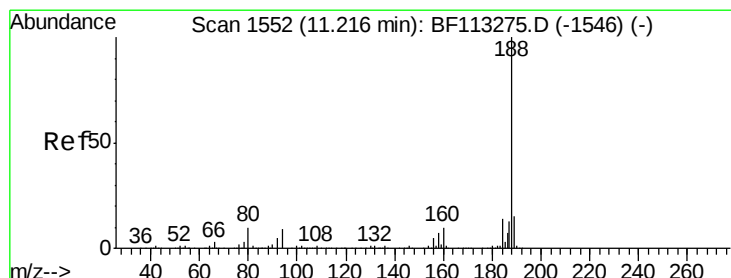
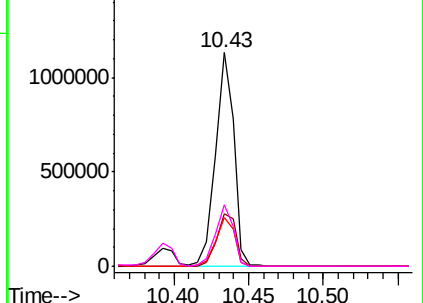


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

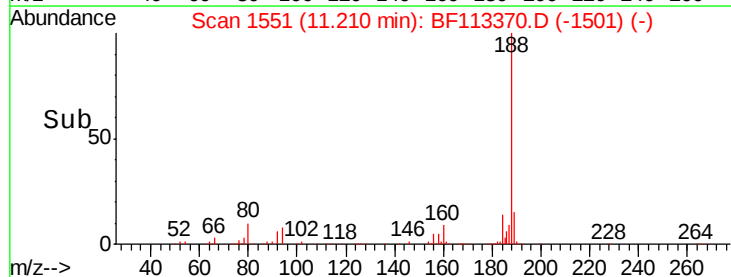
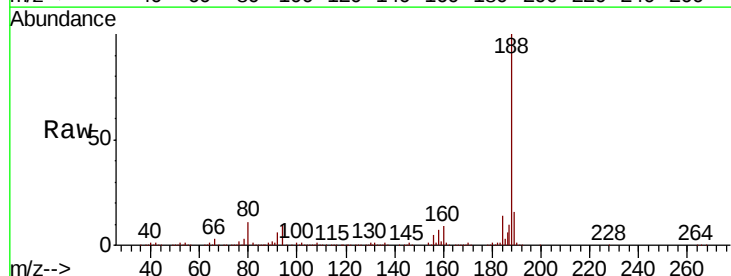
Tgt Ion: 188 Resp: 759732

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

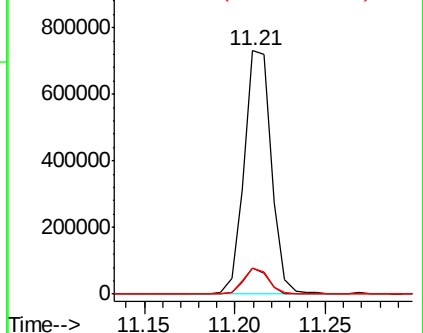
80 10.8 7.7 11.5



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

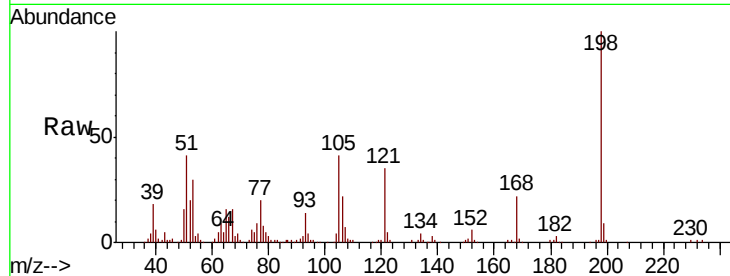




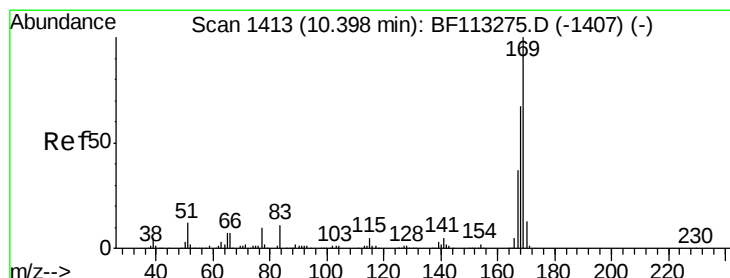
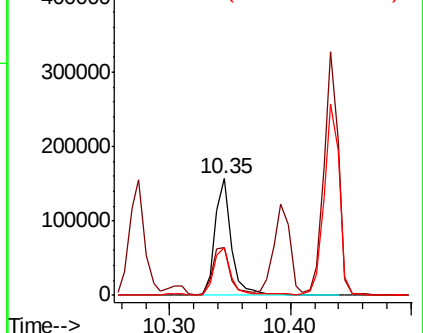
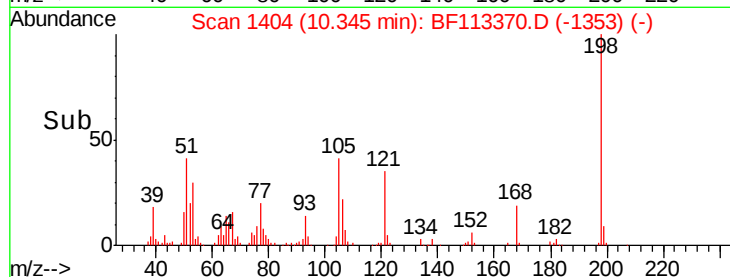
#65
4,6-Dinitro-2-methylphenol
Concen: 35.011 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 145507
Ion Ratio Lower Upper
198 100
51 41.4 21.6 61.6
105 40.7 20.6 60.6

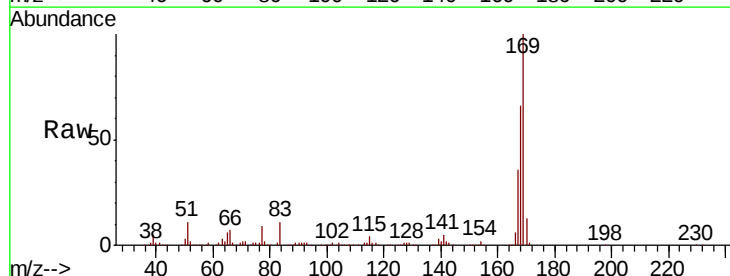


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

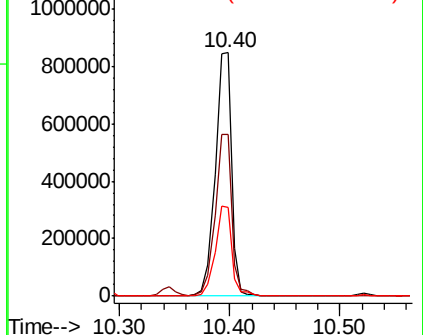
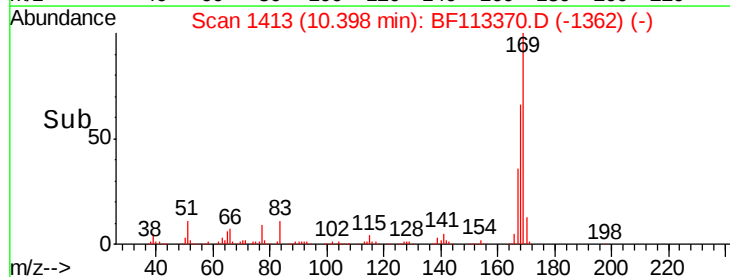


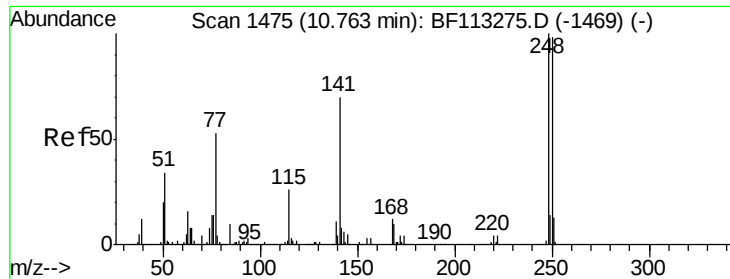
#66
n-Nitrosodiphenylamine
Concen: 37.030 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:169 Resp: 863260
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 36.3 29.5 44.3



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

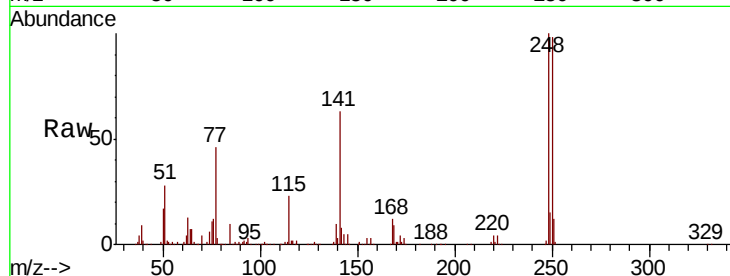




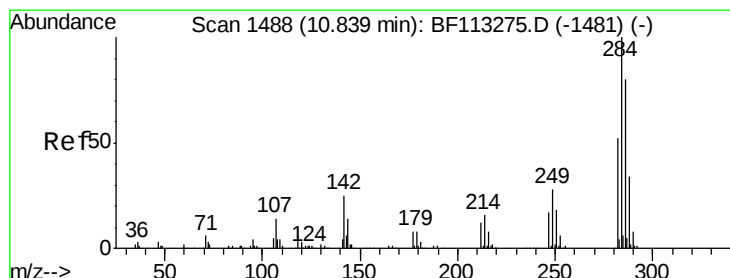
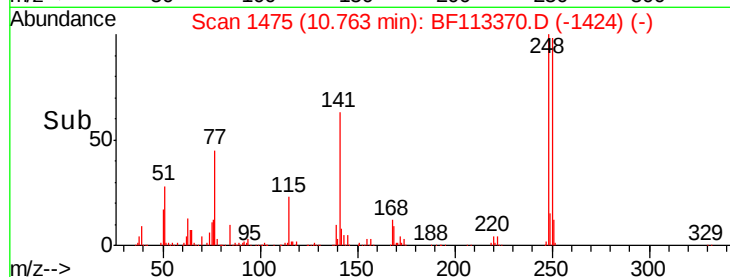
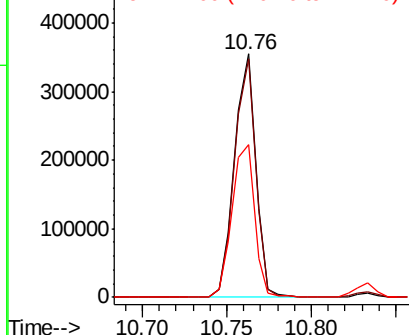
#67
4-Bromophenyl-phenylether
Concen: 37.786 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	63.0	56.2	84.4

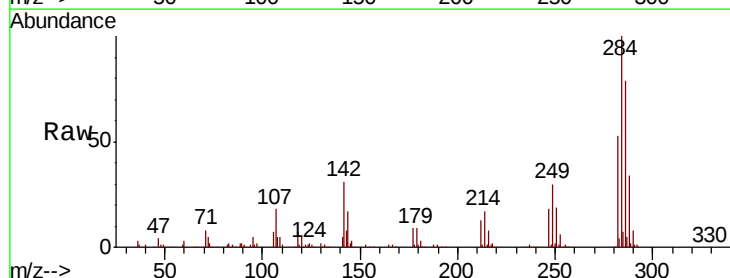


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

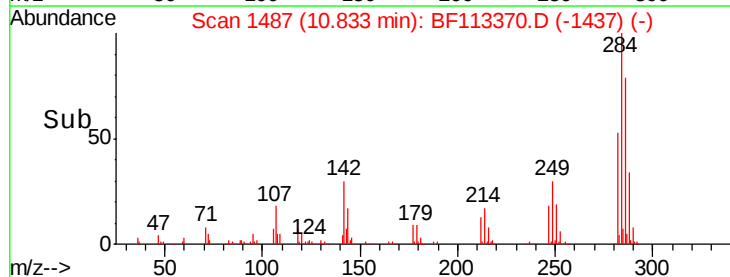
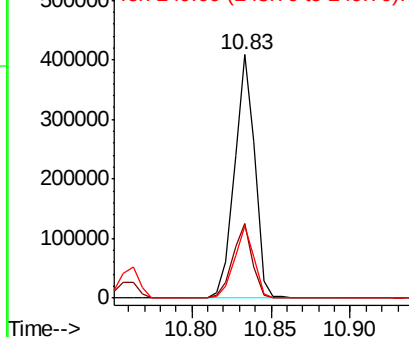


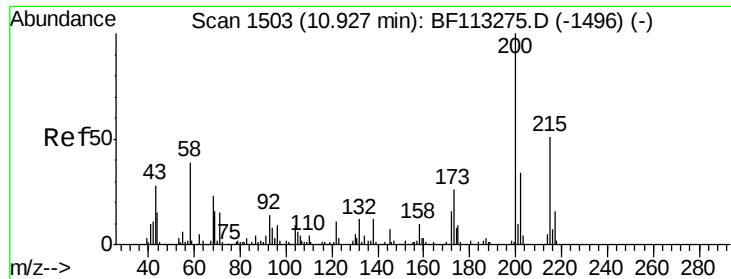
#68
Hexachlorobenzene
Concen: 37.498 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	20.1	30.1#
249	29.8	22.7	34.1



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: 38.817 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

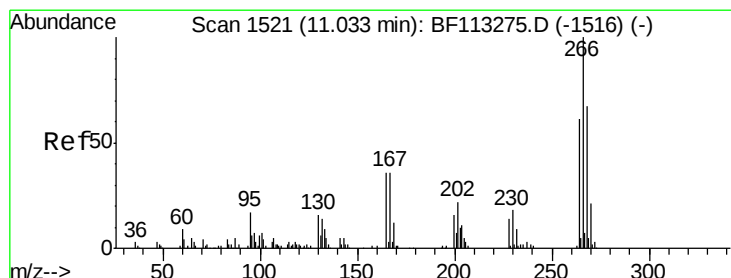
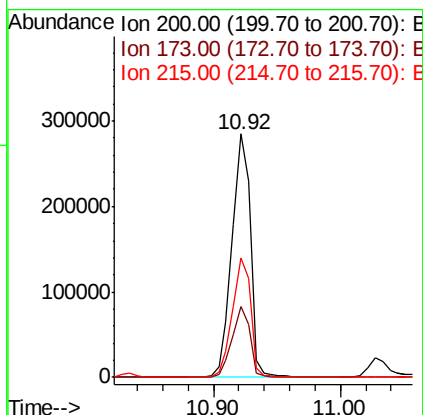
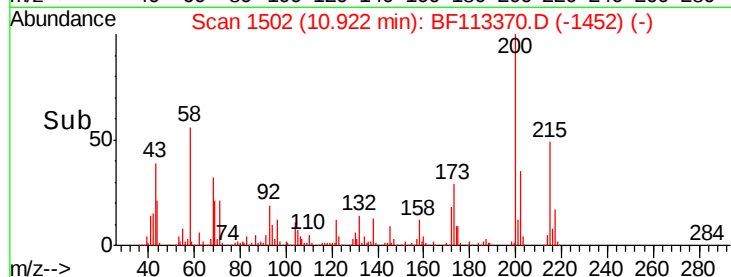
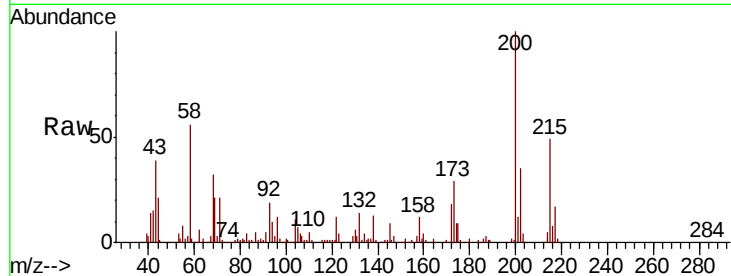
Tot Ion:200 Resp: 285629

Ion Ratio Lower Upper

200 100

173 29.3 6.0 46.0

215 49.3 31.3 71.3



#70

Pentachlorophenol

Concen: 35.851 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

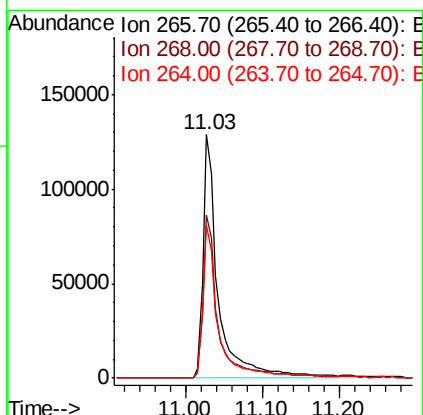
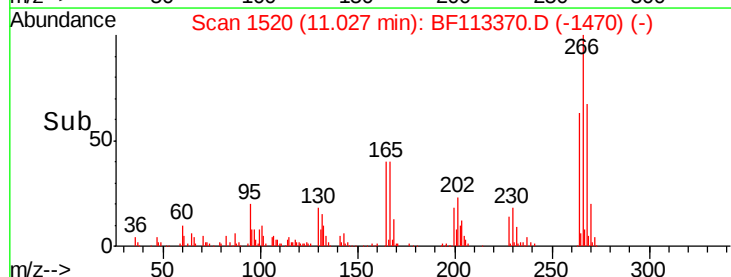
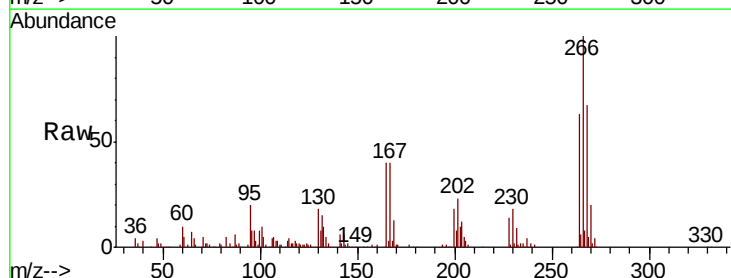
Tgt Ion:266 Resp: 179530

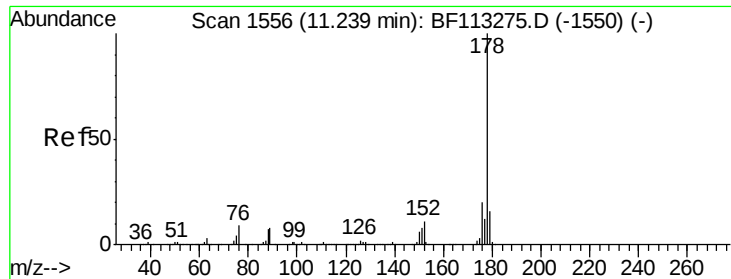
Ion Ratio Lower Upper

266 100

268 66.9 53.8 80.6

264 62.9 49.2 73.8





#71

Phenanthrene

Concen: 36.804 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

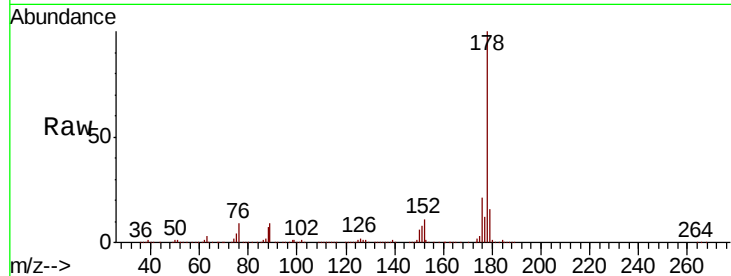
Tot Ion:178 Resp: 1388541

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

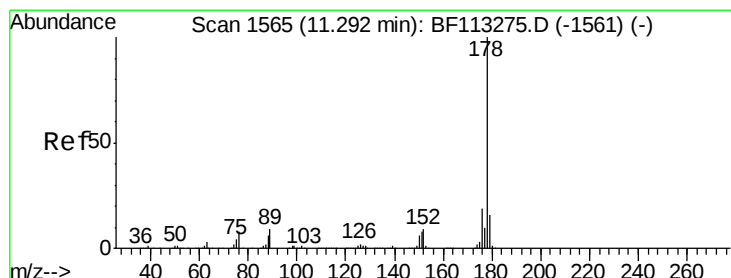
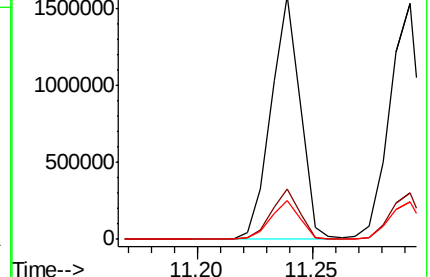
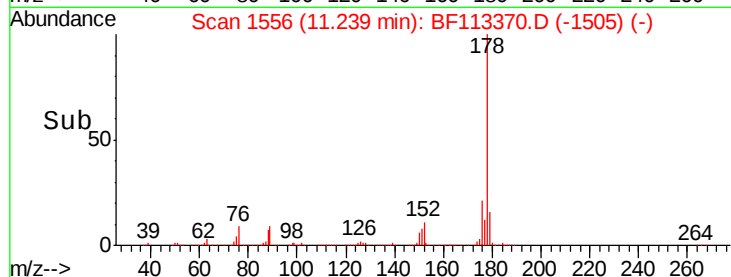
179 16.1 12.7 19.1



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: 37.704 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

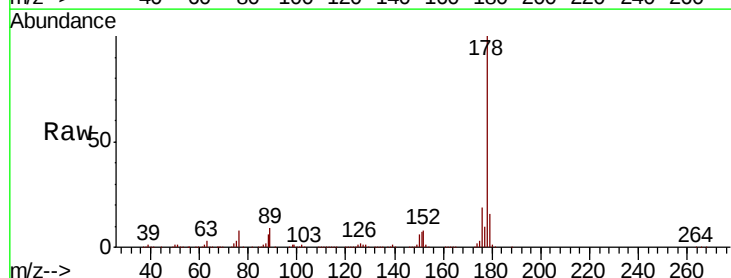
Tgt Ion:178 Resp: 1444888

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

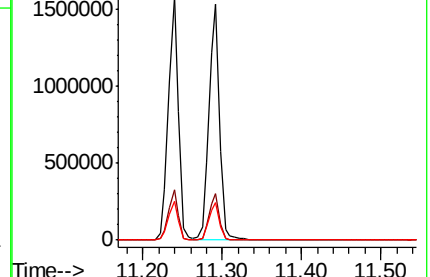
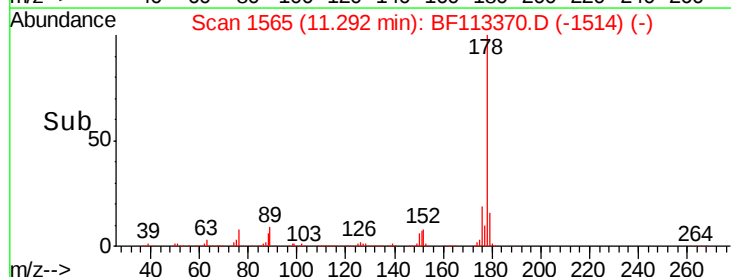
179 16.1 12.8 19.2

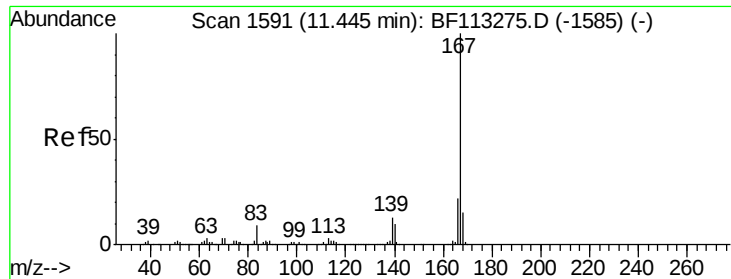


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

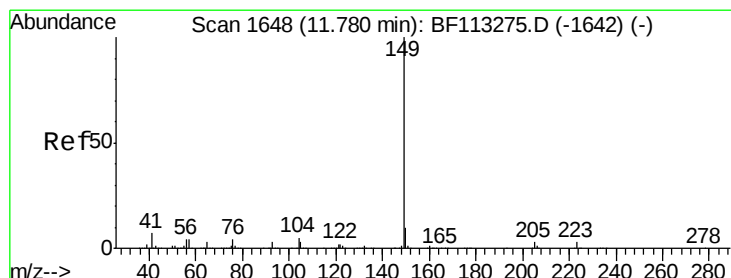
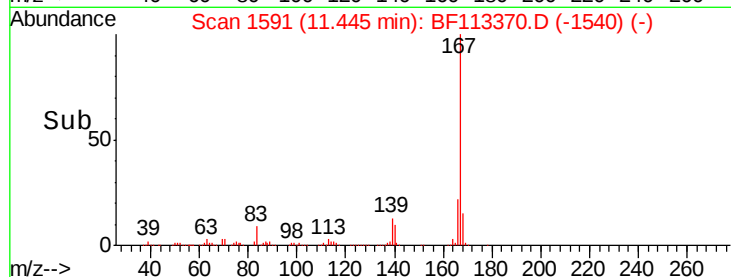
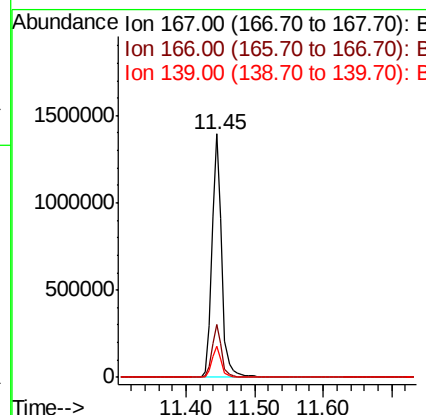
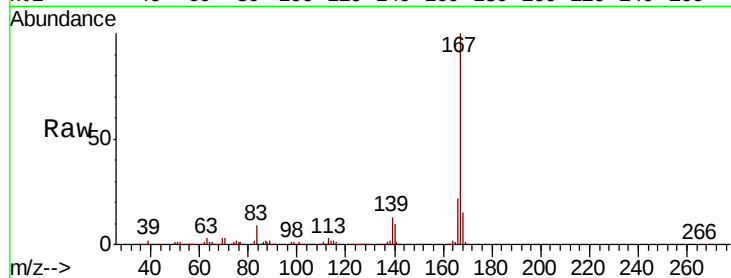




#73
 Carbazole
 Concen: 38.523 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

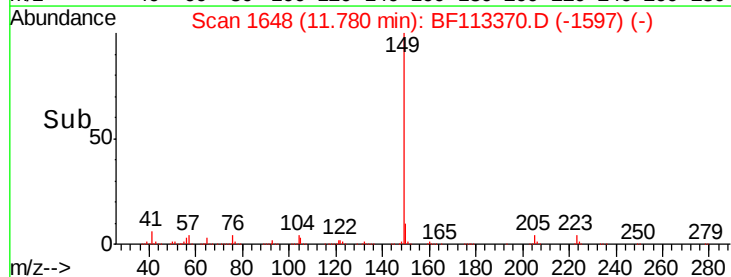
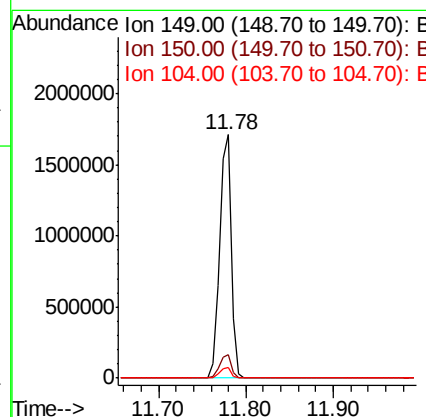
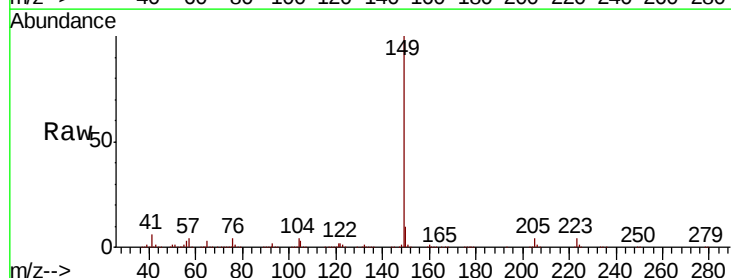
Instrument :
 BNA_F
 ClientSampleId :

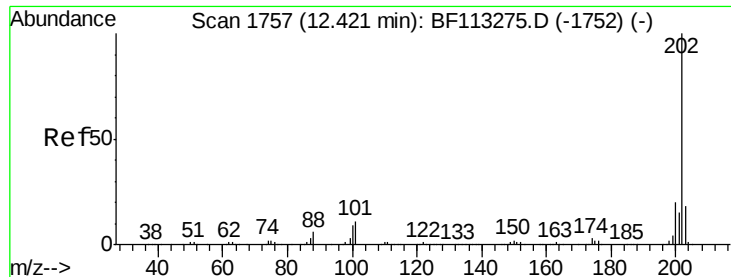
Tot Ion:167 Resp: 1408674
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.7 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 37.330 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion:149 Resp: 1582980
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.3 3.7 5.5



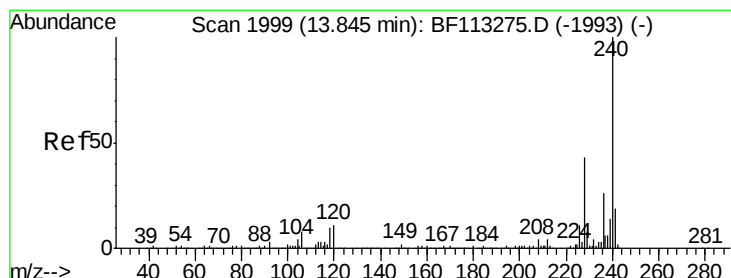
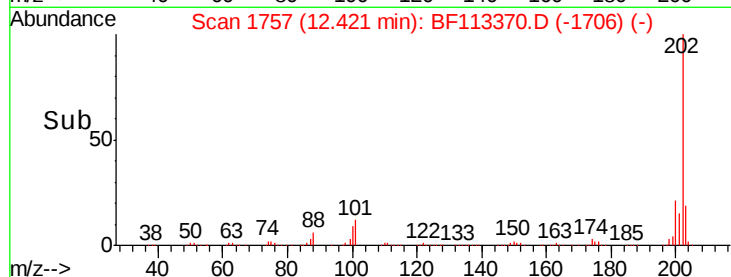
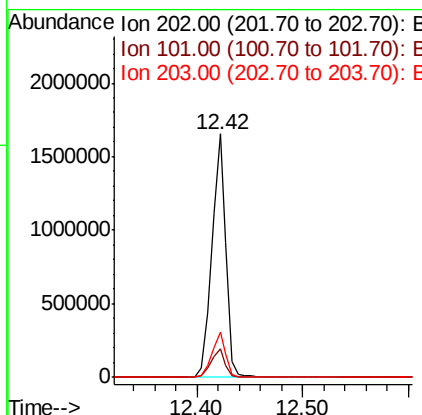
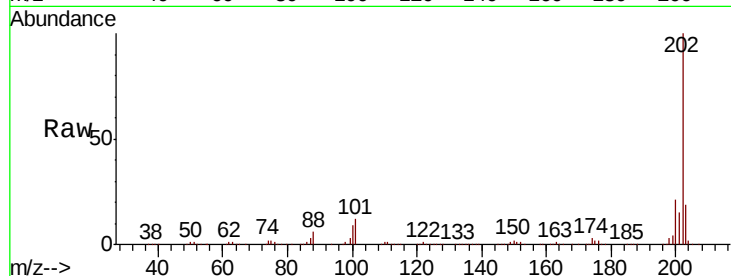


#75
 Fluoranthene
 Concen: 36.168 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1542607

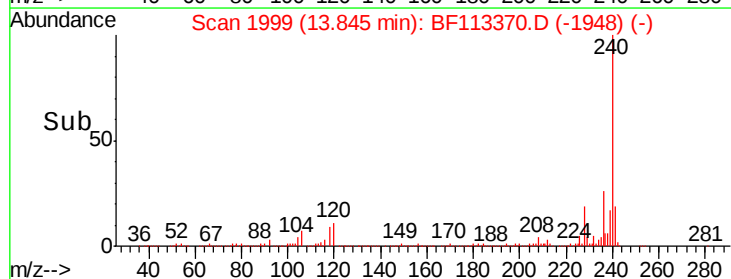
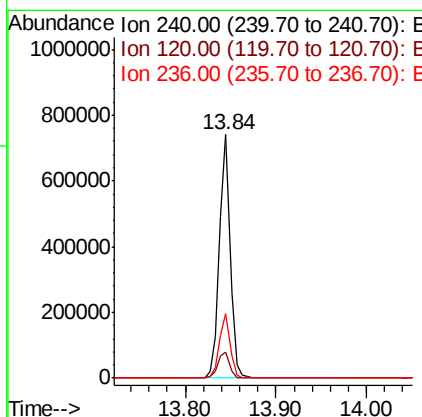
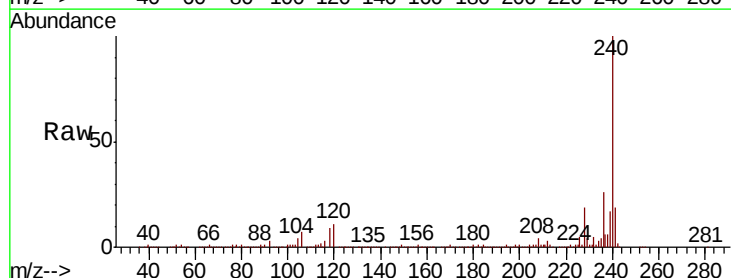
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.7	0.0	38.0

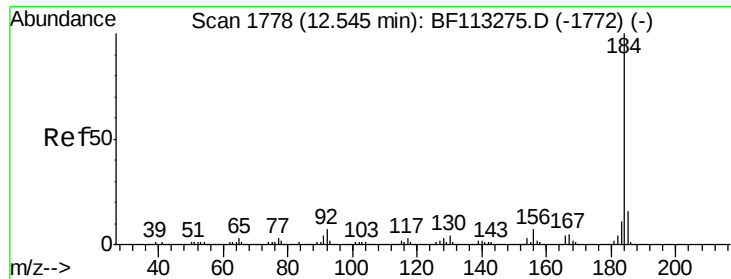


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion:240 Resp: 602452

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	26.5	20.9	31.3





#77

Benzidine

Concen: 36.250 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

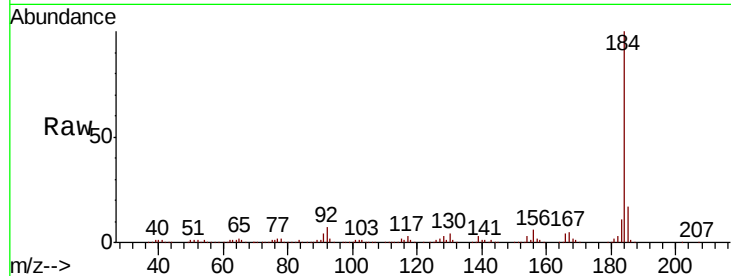
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 836314

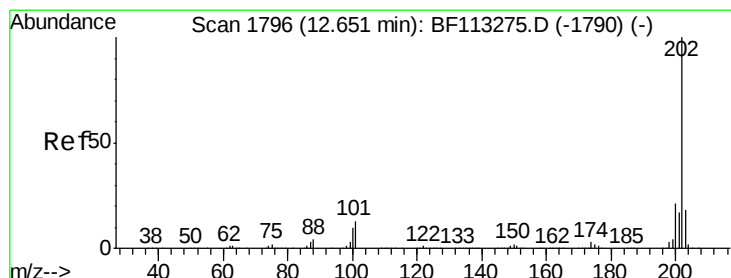
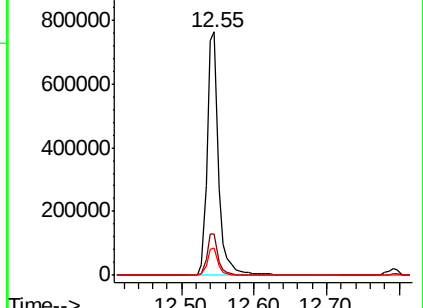
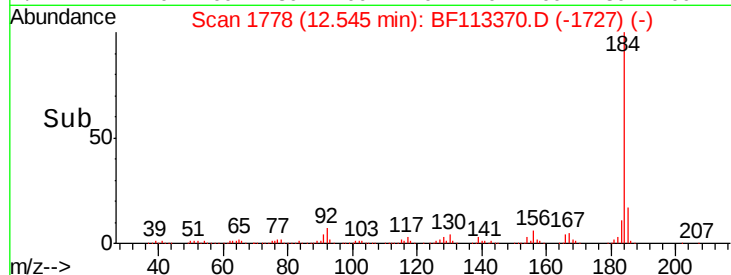
Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.0	19.6
183	11.0	9.0	13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.532 ng

RT: 12.65 min Scan# 1796

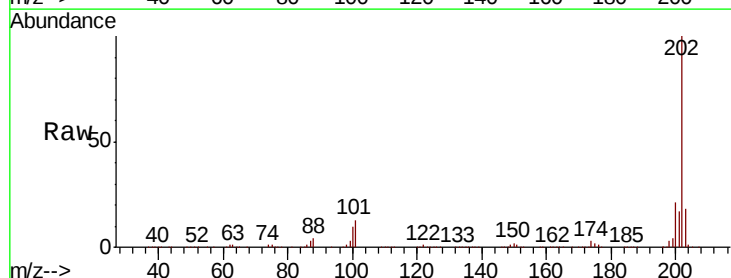
Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:202 Resp: 1566896

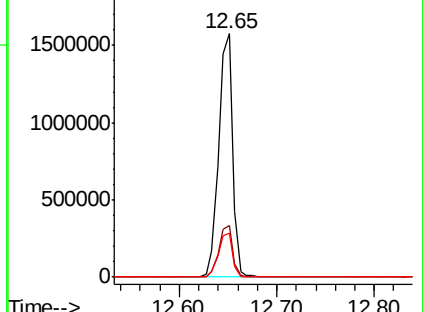
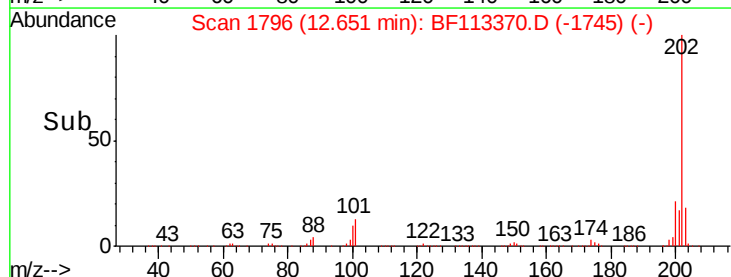
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.0	14.4	21.6

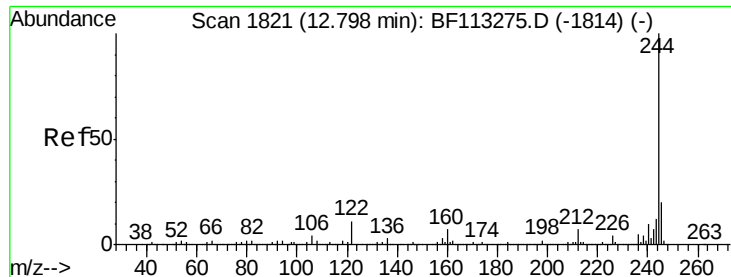


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



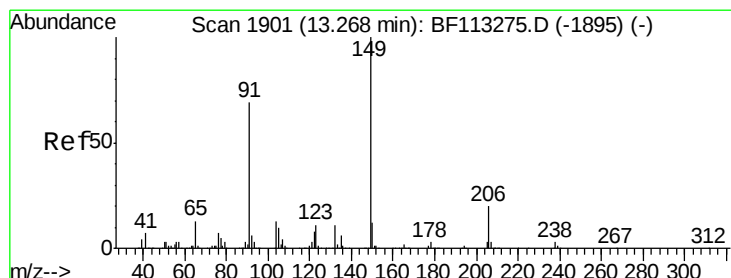
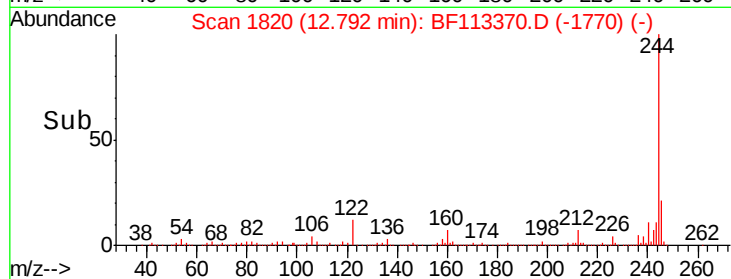
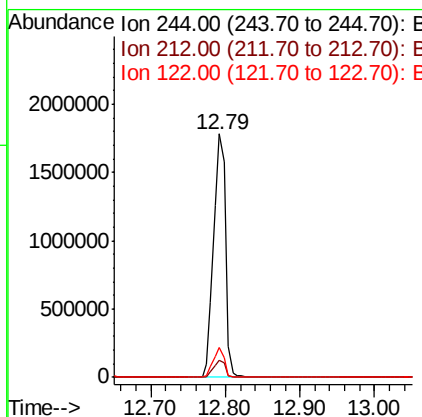
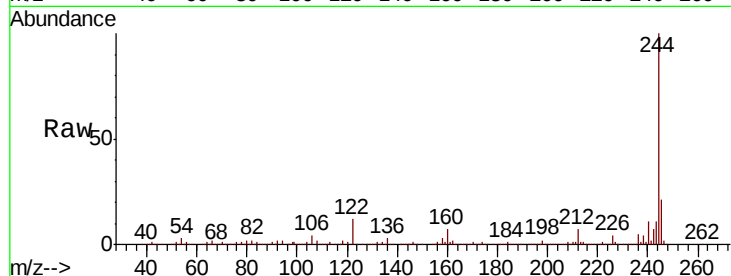


#79
 Terphenyl-d14
 Concen: 72.417 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1979337

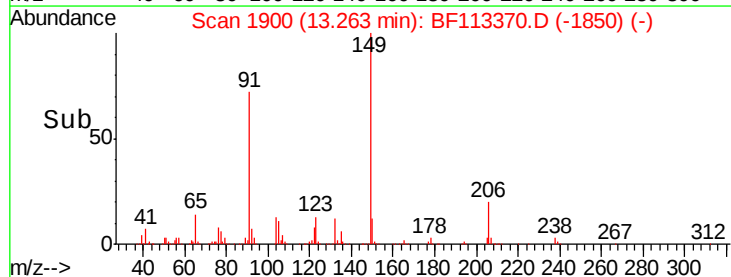
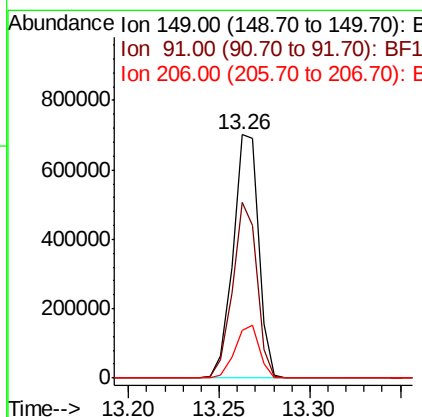
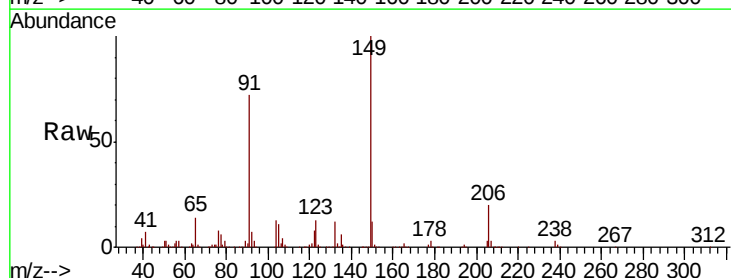
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	12.0	8.6	13.0

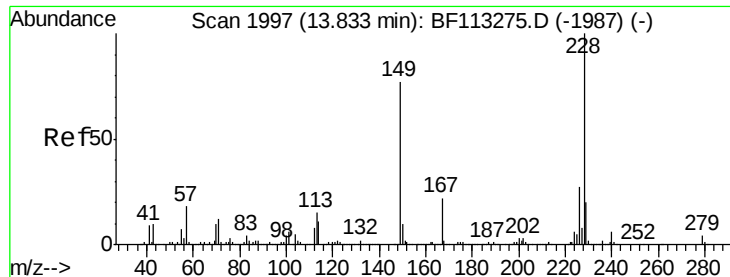


#80
 Butylbenzylphthalate
 Concen: 37.437 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF113370.D
 Acq: 28 Mar 2019 13:07

Tgt Ion:149 Resp: 688795

Ion	Ratio	Lower	Upper
149	100		
91	72.2	55.2	82.8
206	19.8	16.1	24.1





#81

Benzo(a)anthracene

Concen: 37.022 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampleId :

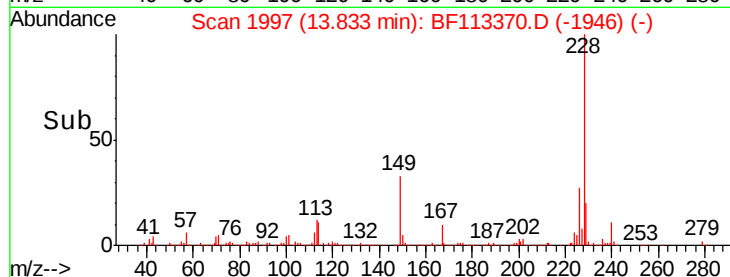
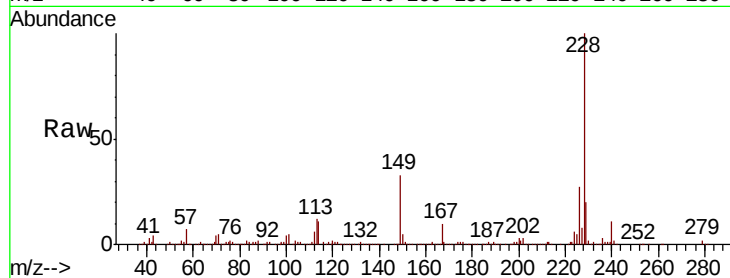
Tot Ion:228 Resp: 1276722

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.4	16.2	24.4

228 100

226 27.4 21.8 32.8

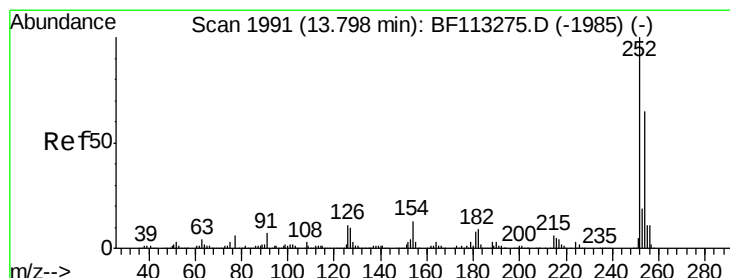
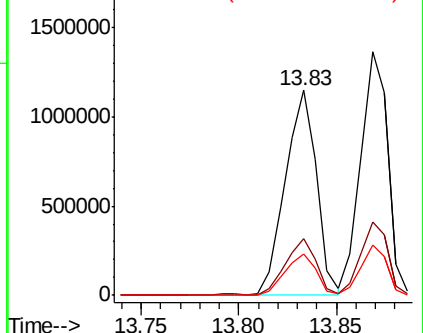
229 20.4 16.2 24.4



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: 39.671 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

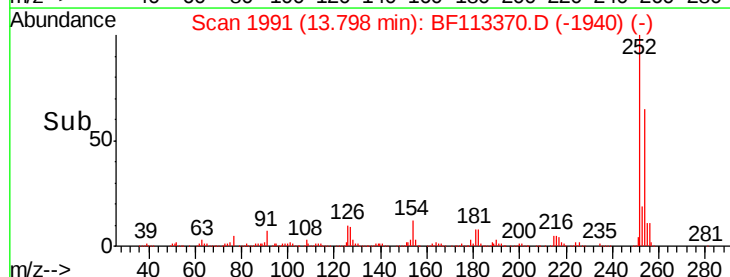
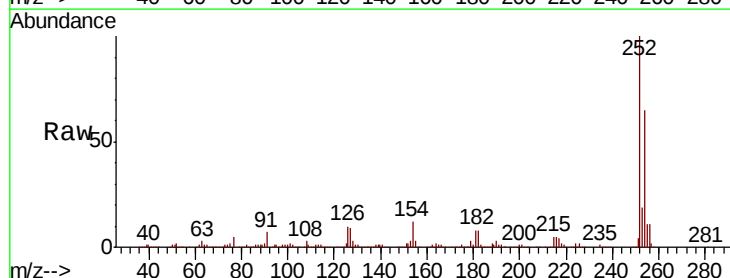
Tgt Ion:252 Resp: 548828

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	9.5	8.5	12.7

252 100

254 65.2 52.2 78.2

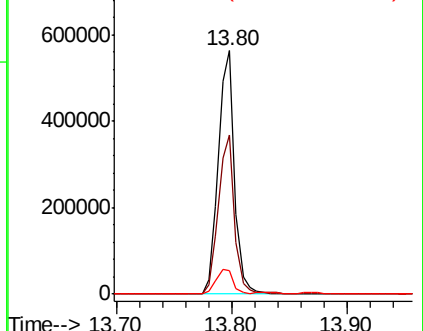
126 9.5 8.5 12.7



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

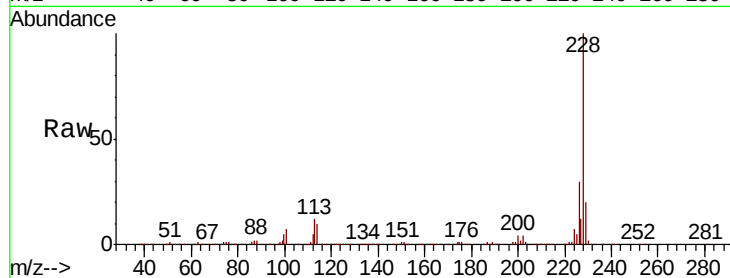




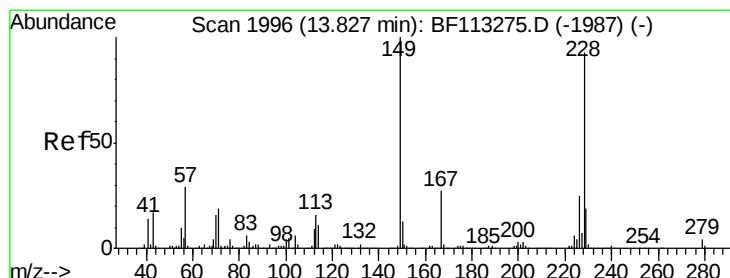
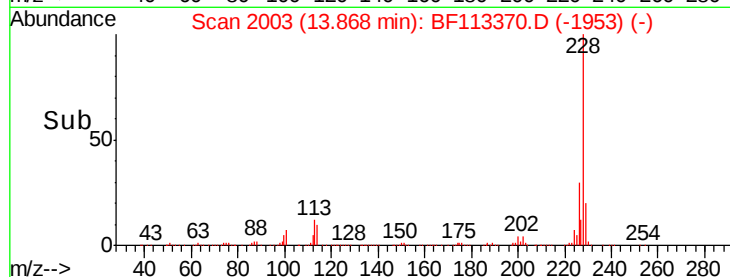
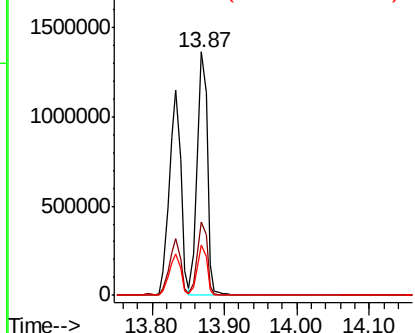
#83
Chrysene
Concen: 38.113 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1334993
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.4 16.3 24.5

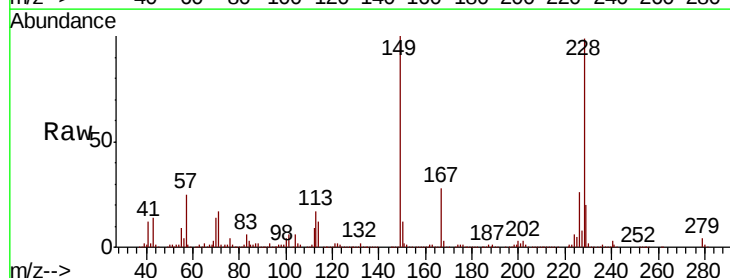


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

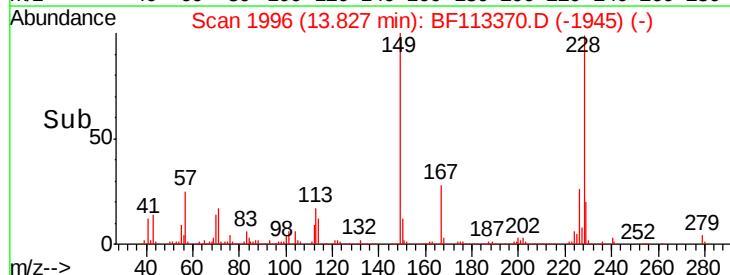
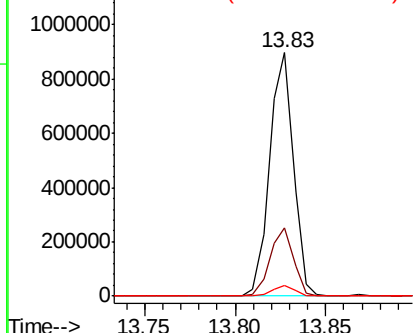


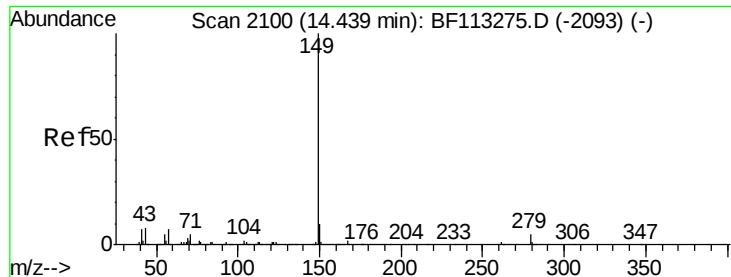
#84
Bis(2-ethylhexyl)phthalate
Concen: 36.294 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:149 Resp: 818601
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.4 2.9 4.3#



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

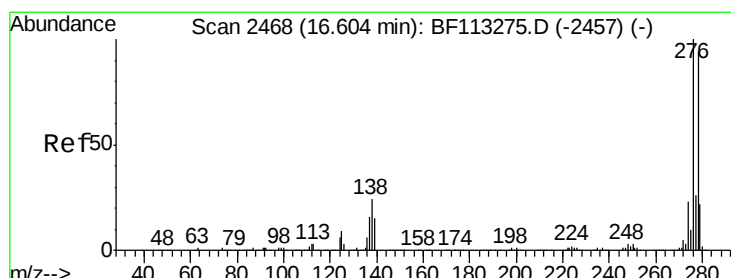
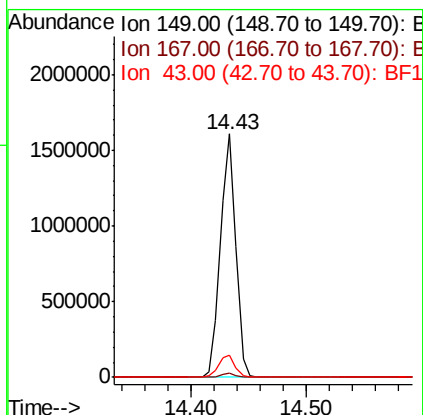
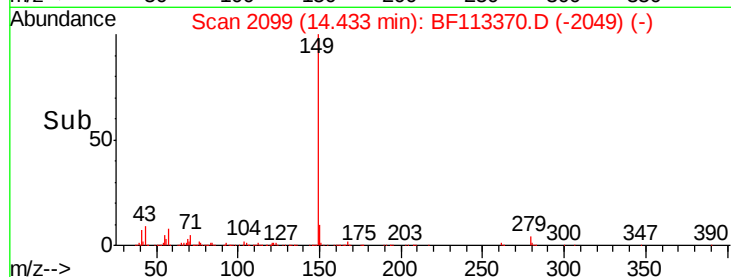
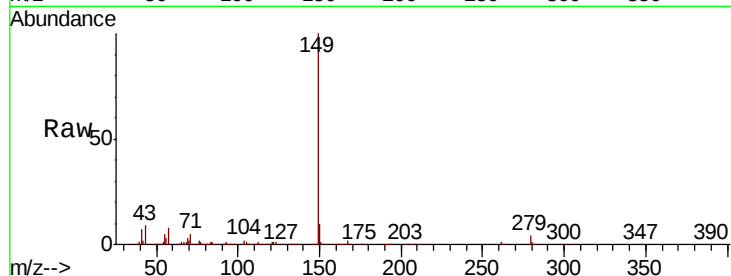




#85
Di-n-octyl phthalate
Concen: 38.842 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

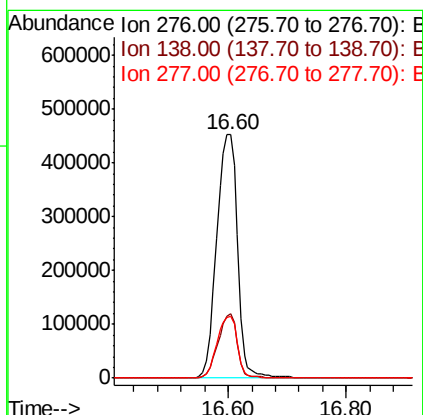
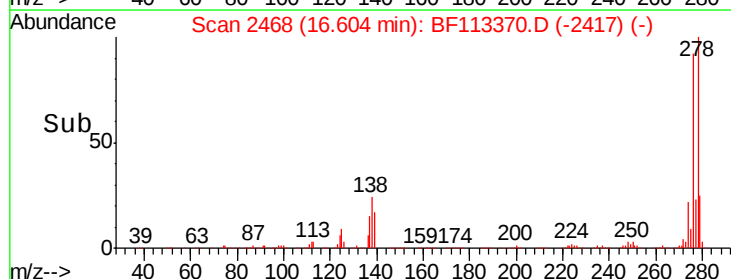
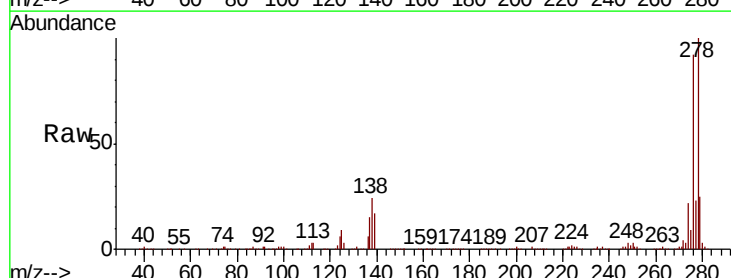
Instrument :
BNA_F
ClientSampleId :

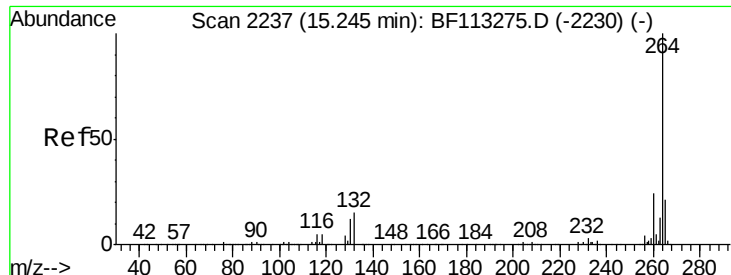
Tot Ion:149 Resp: 1487086
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.5 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.977 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:276 Resp: 1111585
Ion Ratio Lower Upper
276 100
138 24.5 18.1 27.1
277 25.0 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Instrument :

BNA_F

ClientSampled :

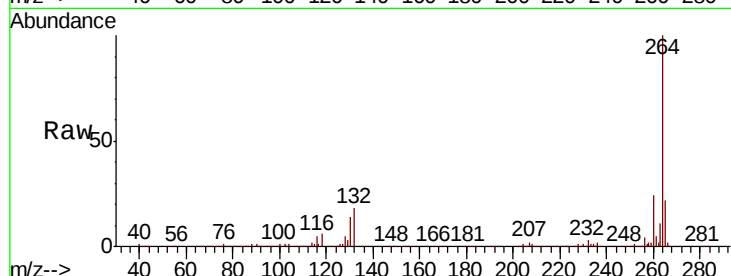
Tot Ion:264 Resp: 554480

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

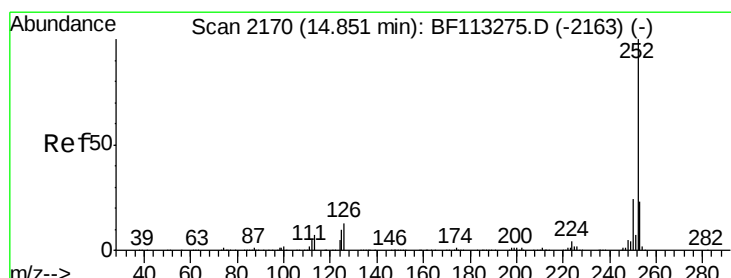
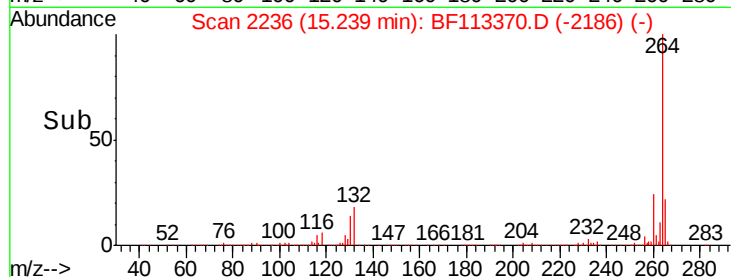
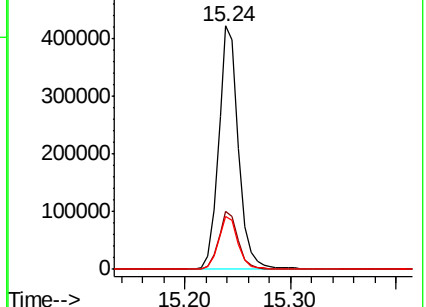
265 21.9 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.966 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

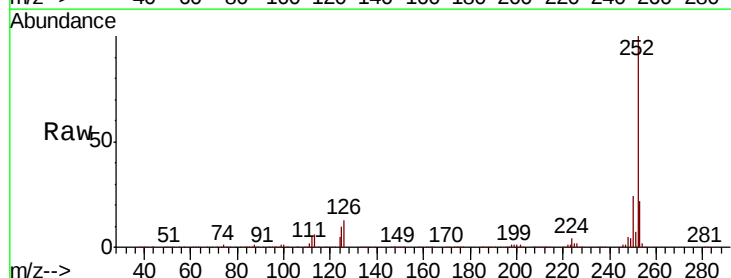
Tgt Ion:252 Resp: 1307702

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

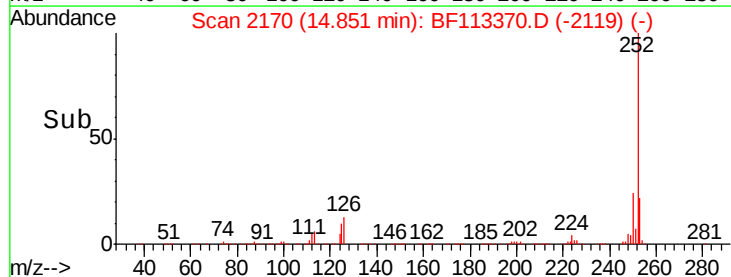
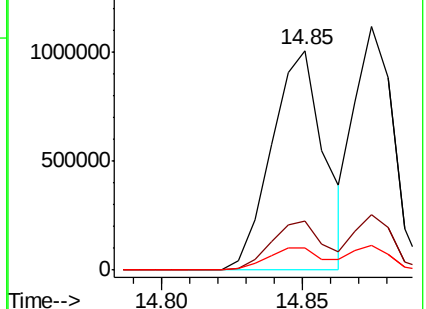
125 9.9 7.6 11.4

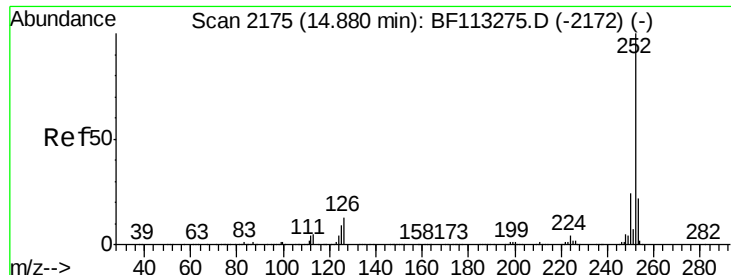


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

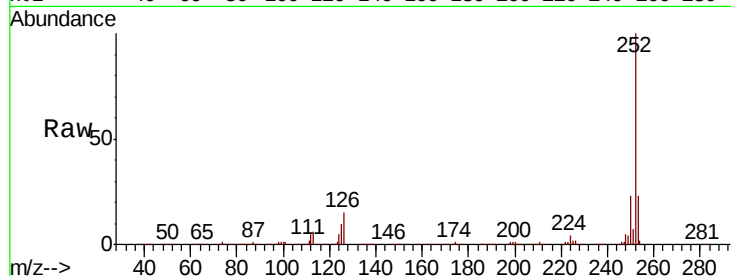




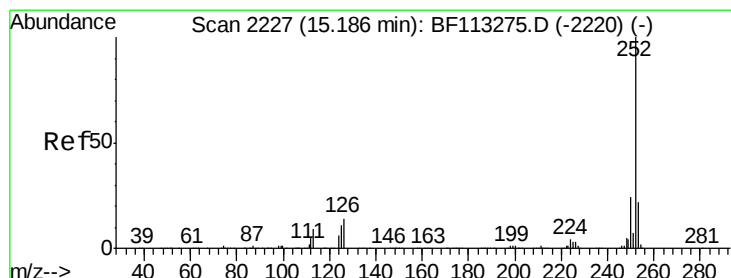
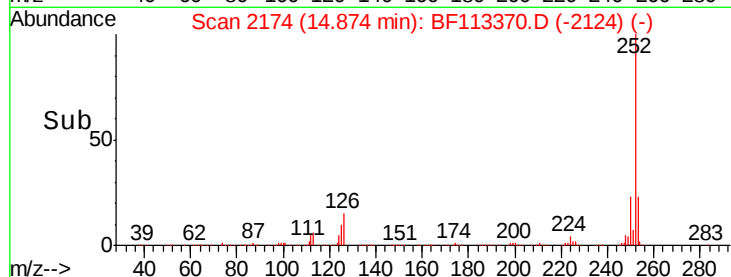
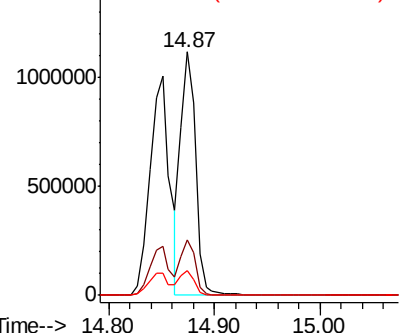
#89
Benzo(k)fluoranthene
Concen: 35.759 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1081635
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.2 7.3 10.9

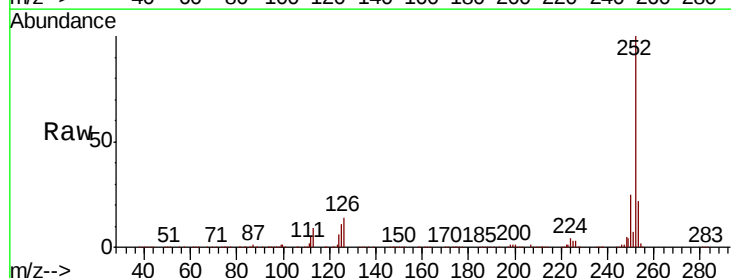


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

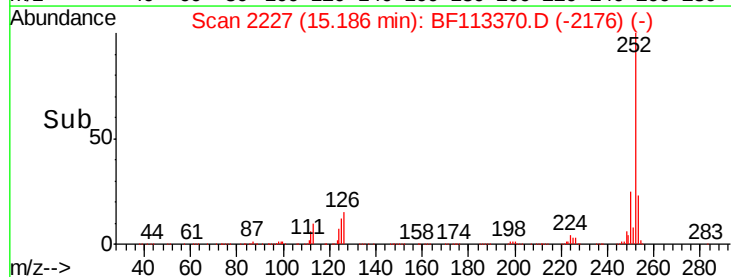
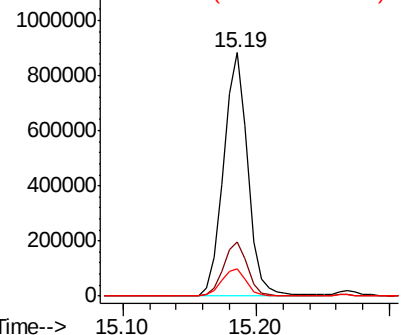


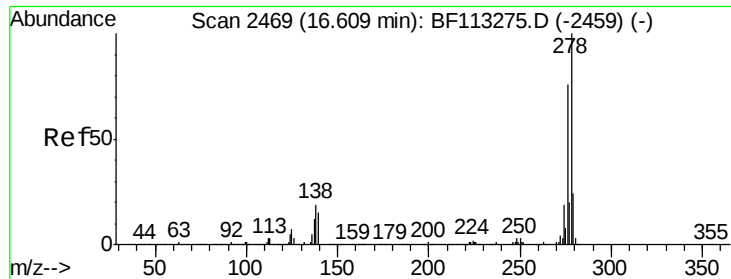
#90
Benzo(a)pyrene
Concen: 36.280 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113370.D
Acq: 28 Mar 2019 13:07

Tgt Ion:252 Resp: 1107857
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.1 8.8 13.2



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: 34.551 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

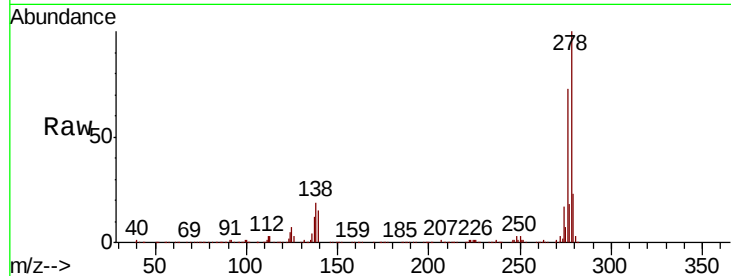
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 912270

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.1	19.0	28.6

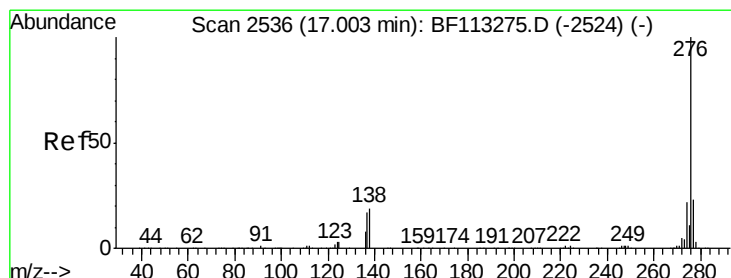
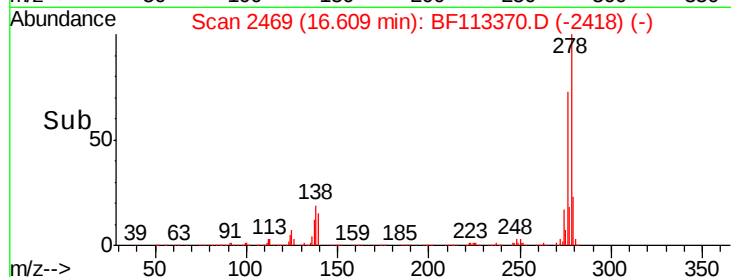
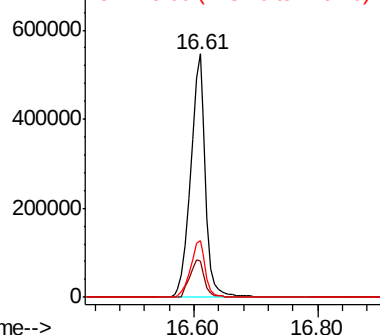


Abundance

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: 34.245 ng

RT: 17.00 min Scan# 2535

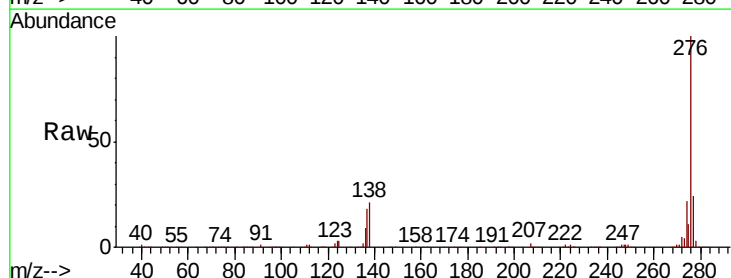
Delta R.T. -0.01 min

Lab File: BF113370.D

Acq: 28 Mar 2019 13:07

Tgt Ion:276 Resp: 911668

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.3	15.6	23.4



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

