

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113274.D
 Acq On : 25 Mar 2019 12:06
 Operator : JU/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 13:30:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 13:25:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132174	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	637993	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	255504	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	521533	20.00	ng	0.00
76) Chrysene-d12	13.84	240	447340	20.00	ng	0.00
87) Perylene-d12	15.24	264	399851	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	375583	44.20	ng	0.00
7) Phenol-d6	6.35	99	480950	45.06	ng	-0.01
23) Nitrobenzene-d5	7.26	82	434053	40.71	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	136348	50.27	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	777345	44.35	ng	0.00
79) Terphenyl-d14	12.79	244	915490	39.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	89994	21.129	ng	99
3) Pyridine	3.08	79	214782	18.849	ng	99
4) n-Nitrosodimethylamine	3.00	42	95530	19.165	ng	97
6) Aniline	6.36	93	298083	20.289	ng	88
8) 2-Chlorophenol	6.49	128	231485	24.473	ng	95
9) Benzaldehyde	6.25	77	173059	22.502	ng	98
10) Phenol	6.36	94	269965	21.675	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	215104	22.500	ng	99
12) 1,3-Dichlorobenzene	6.65	146	221046	22.623	ng	97
13) 1,4-Dichlorobenzene	6.72	146	212323	21.668	ng	98
14) 1,2-Dichlorobenzene	6.87	146	215547	23.995	ng	99
15) Benzyl Alcohol	6.85	79	157899	19.400	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	294720	18.473	ng	96
17) 2-Methylphenol	6.97	107	151748	19.776	ng	98
18) Hexachloroethane	7.22	117	86442	23.029	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	150403	22.249	ng	95
20) 3+4-Methylphenols	7.12	107	219171	25.299	ng	94
22) Acetophenone	7.11	105	287748	19.289	ng	# 99
24) Nitrobenzene	7.29	77	226262	19.067	ng	99
25) Isophorone	7.53	82	408030	17.764	ng	100
26) 2-Nitrophenol	7.60	139	112742	22.823	ng	94
27) 2,4-Dimethylphenol	7.65	122	173694	18.900	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	277865	19.349	ng	99
29) 2,4-Dichlorophenol	7.85	162	179668	20.160	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	197991	20.676	ng	97
31) Naphthalene	8.01	128	659974	20.836	ng	98
32) Benzoic acid	7.76	122	119066	18.485	ng	100
33) 4-Chloroaniline	8.06	127	260466	19.415	ng	99
34) Hexachlorobutadiene	8.13	225	110182	20.402	ng	99
35) Caprolactam	8.42	113	48356	15.405	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	167265	16.959	ng	98
37) 2-Methylnaphthalene	8.70	142	364244	17.807	ng	99
38) 1-Methylnaphthalene	8.80	142	351329	17.731	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	176027	23.625	ng	100

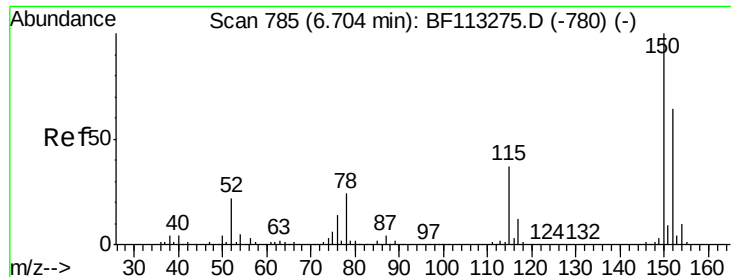
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113274.D
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Quant Time: Mar 25 13:30:48 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 13:25:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	56963	13.961	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	110922	21.631	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	119902	21.633	ng	98
46) 1,1'-Biphenyl	9.16	154	463479	22.240	ng	99
47) 2-Chloronaphthalene	9.19	162	345619	21.239	ng	97
48) 2-Nitroaniline	9.28	65	104432	21.113	ng	97
49) Acenaphthylene	9.60	152	582907	21.100	ng	98
50) Dimethylphthalate	9.46	163	396889	21.067	ng	100
51) 2,6-Dinitrotoluene	9.52	165	89557	22.828	ng	99
52) Acenaphthene	9.77	154	325829	20.169	ng	99
53) 3-Nitroaniline	9.69	138	101590	21.251	ng	99
54) 2,4-Dinitrophenol	9.80	184	36651	27.450	ng	96
55) Dibenzofuran	9.94	168	508288	21.648	ng	100
56) 4-Nitrophenol	9.87	139	63988	16.470	ng	93
57) 2,4-Dinitrotoluene	9.93	165	117523	24.099	ng	95
58) Fluorene	10.28	166	390769	23.448	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	105784	22.908	ng	96
60) Diethylphthalate	10.16	149	401914	20.199	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	193425	24.946	ng	97
62) 4-Nitroaniline	10.30	138	103116	23.343	ng	97
63) Azobenzene	10.43	77	380293	18.660	ng	96
65) 4,6-Dinitro-2-methylphenol	10.34	198	50251	25.809	ng	96
66) n-Nitrosodiphenylamine	10.39	169	337527	20.180	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	122697	22.336	ng	95
68) Hexachlorobenzene	10.83	284	142119	22.951	ng	95
69) Atrazine	10.92	200	109555	21.386	ng	98
70) Pentachlorophenol	11.03	266	65584	17.994	ng	94
71) Phenanthrene	11.24	178	570451	21.984	ng	99
72) Anthracene	11.29	178	587940	21.645	ng	99
73) Carbazole	11.45	167	552939	20.868	ng	98
74) Di-n-butylphthalate	11.78	149	641312	20.185	ng	99
75) Fluoranthene	12.42	202	636315	22.889	ng	98
77) Benzidine	12.54	184	370047	15.944	ng	97
78) Pyrene	12.64	202	655132	17.372	ng	99
80) Butylbenzylphthalate	13.27	149	269845	16.211	ng	95
81) Benzo(a)anthracene	13.83	228	553754	17.861	ng	98
82) 3,3'-Dichlorobenzidine	13.79	252	229414	19.565	ng	100
83) Chrysene	13.87	228	556644	18.329	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	355872	18.226	ng	100
85) Di-n-octyl phthalate	14.43	149	598954	17.865	ng	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	467542	18.058	ng	99
88) Benzo(b)fluoranthene	14.84	252	494607	19.124	ng	99
89) Benzo(k)fluoranthene	14.87	252	491846	20.995	ng	100
90) Benzo(a)pyrene	15.19	252	460119	20.113	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	392494	20.106	ng	99
92) Benzo(g,h,i)perylene	17.00	276	367276	18.737	ng	99

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

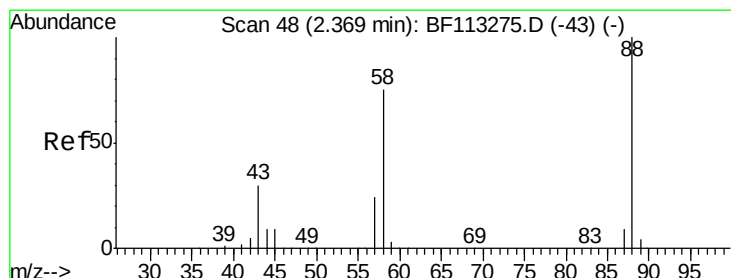
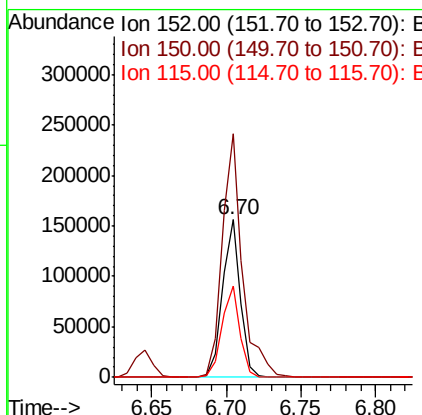
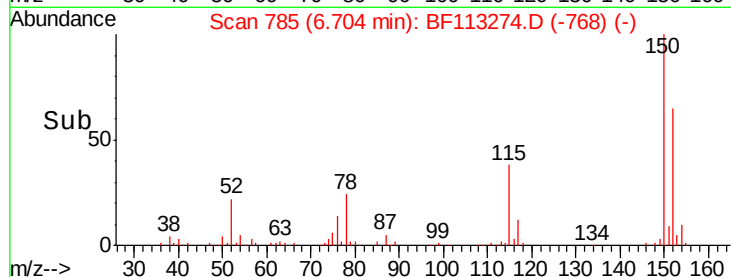
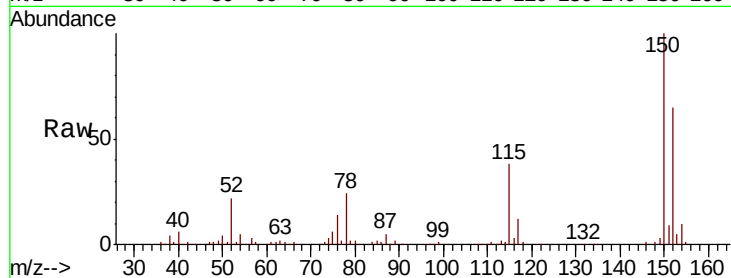


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

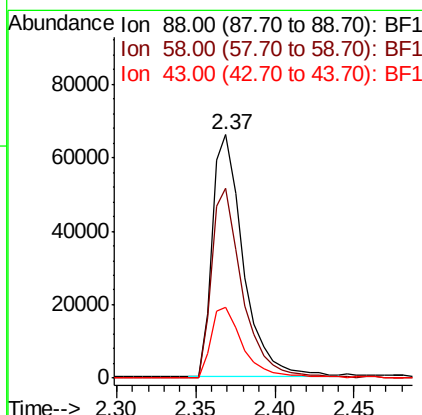
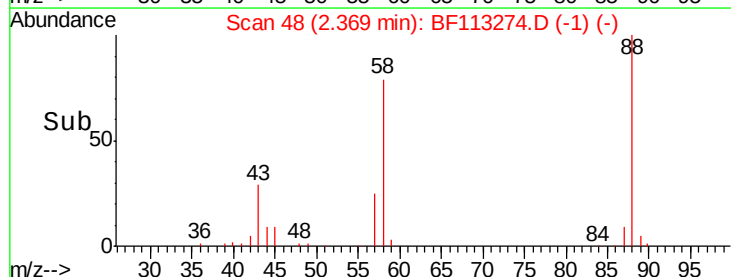
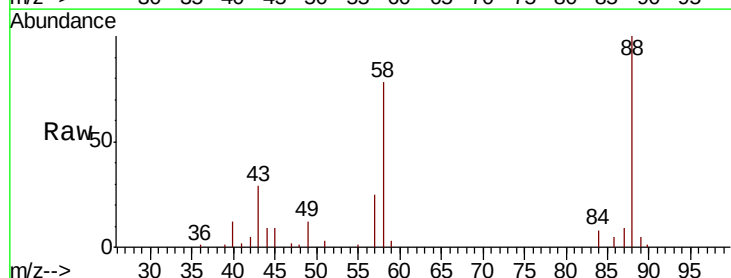
Tot Ion:152 Resp: 132174
Ion Ratio Lower Upper
152 100
150 154.3 124.7 187.1
115 58.2 46.0 69.0

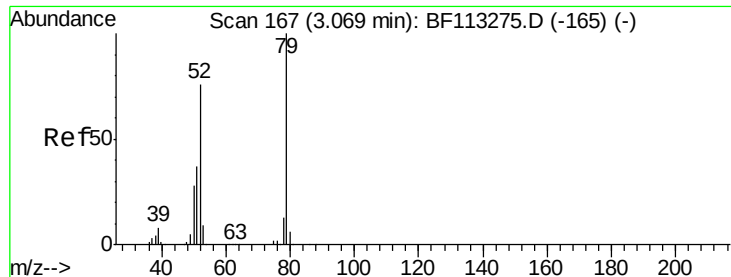


#2

1,4-Dioxane
Concen: 21.129 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion: 88 Resp: 89994
Ion Ratio Lower Upper
88 100
58 77.9 61.9 92.9
43 30.8 24.2 36.4





#3

Pvridine

Concen: 18.849 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

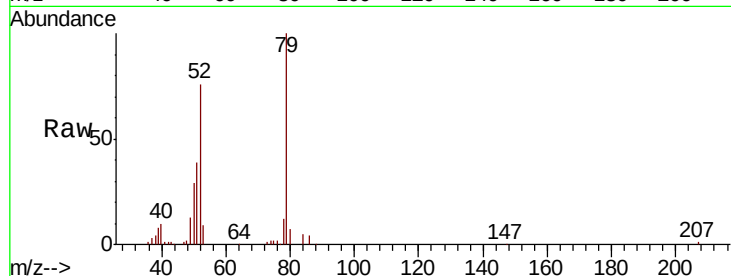
Tot Ion: 79 Resp: 214782

Ion Ratio Lower Upper

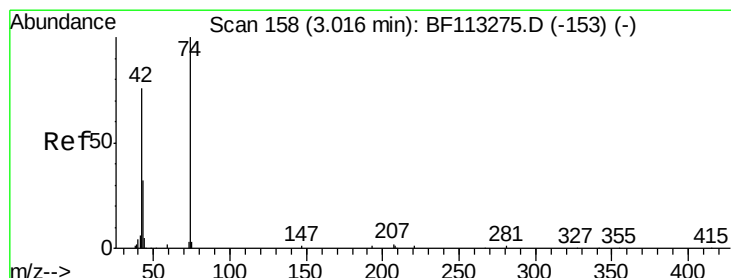
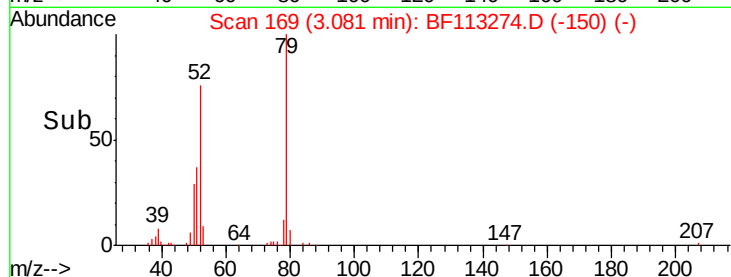
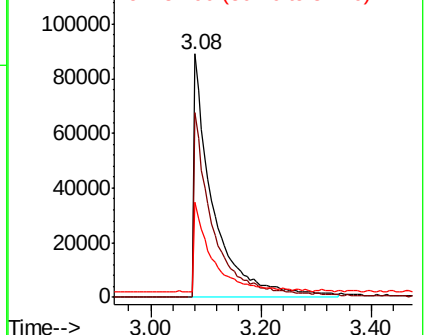
79 100

52 75.9 61.0 91.4

51 39.2 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: 19.165 ng

RT: 3.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

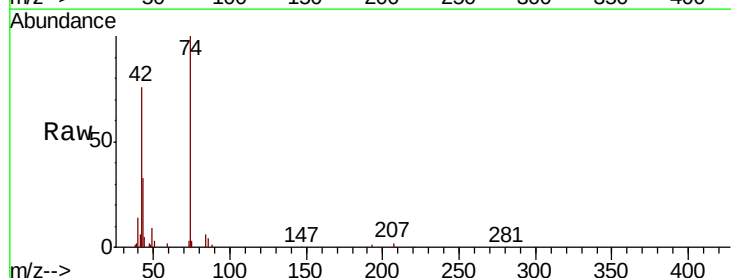
Tgt Ion: 42 Resp: 95530

Ion Ratio Lower Upper

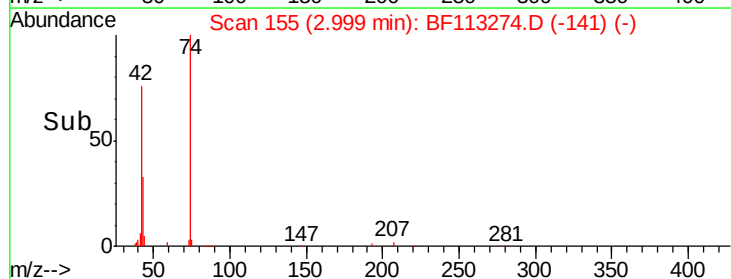
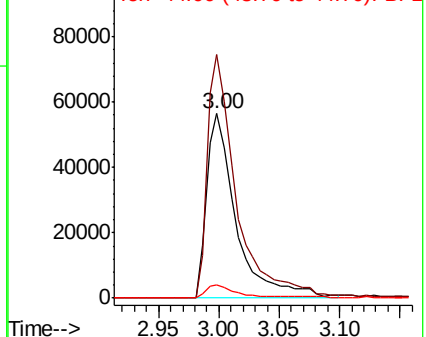
42 100

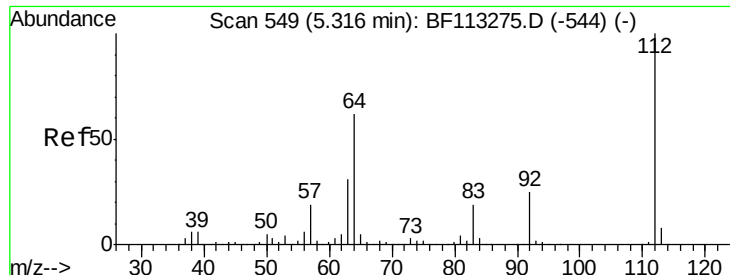
74 132.2 102.4 153.6

44 6.9 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: 44.202 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampled :

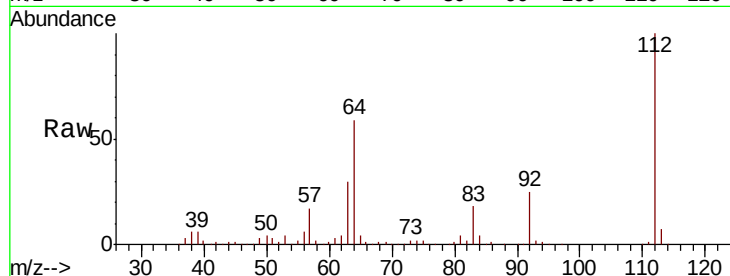
Tot Ion:112 Resp: 375583

Ion Ratio Lower Upper

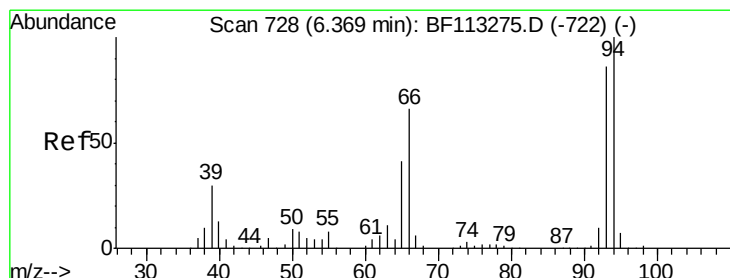
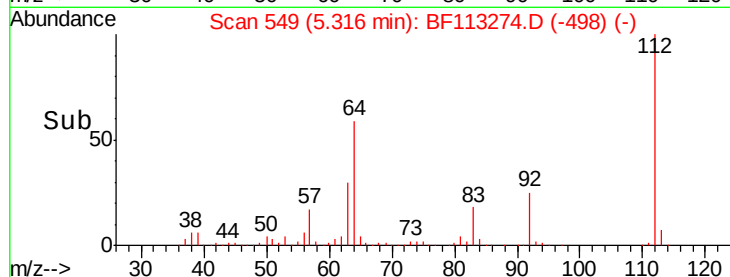
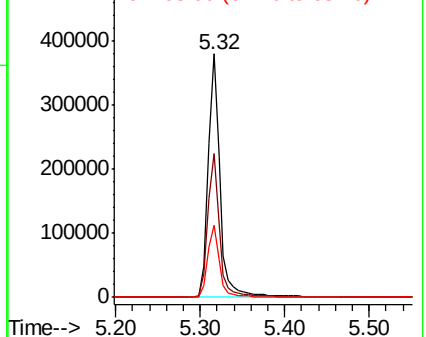
112 100

64 59.1 49.2 73.8

63 29.6 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: 20.289 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

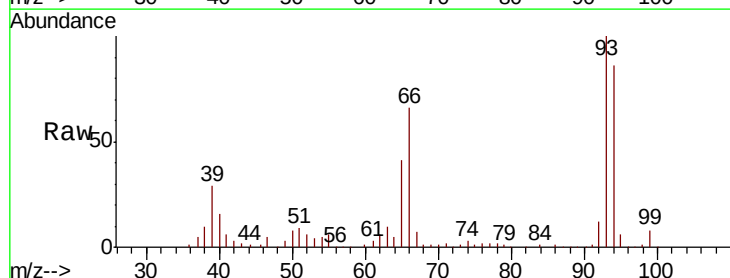
Tgt Ion: 93 Resp: 298083

Ion Ratio Lower Upper

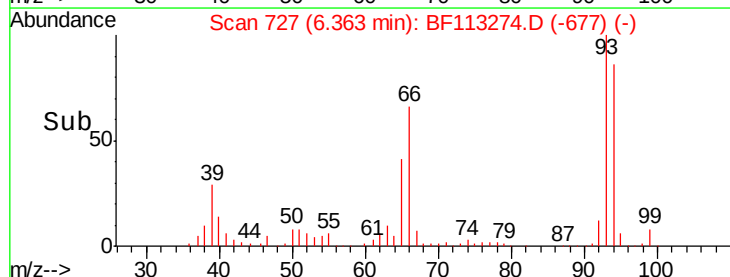
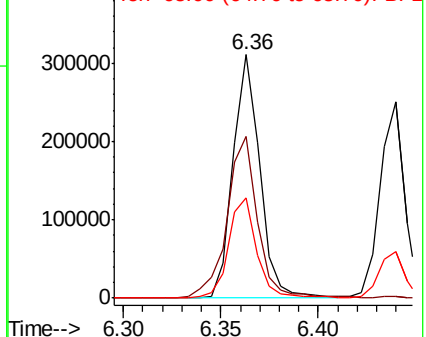
93 100

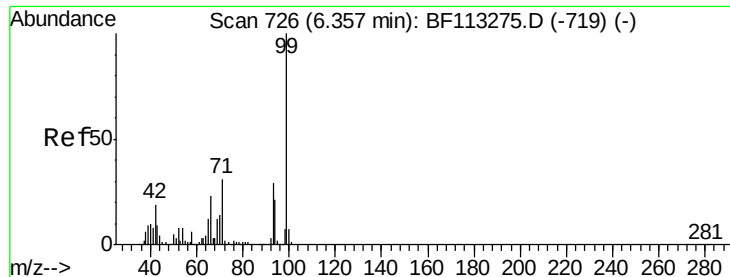
66 66.5 62.1 93.1

65 41.2 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: 45.060 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

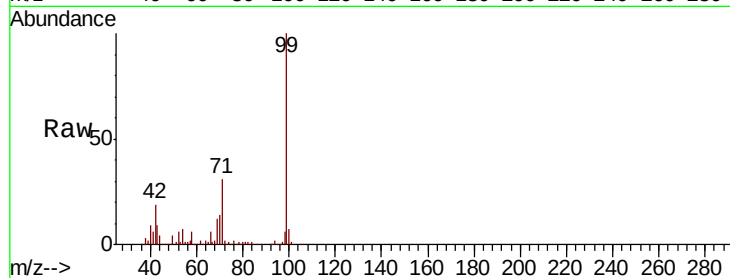
Tot Ion: 99 Resp: 480950

Ion Ratio Lower Upper

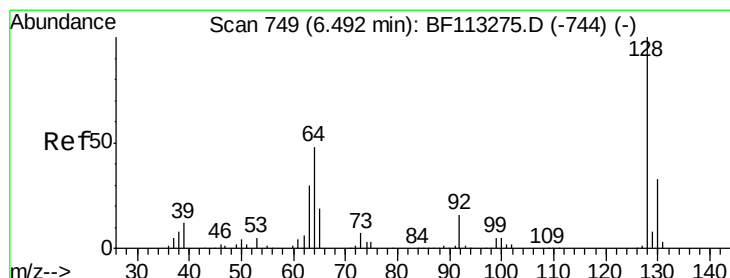
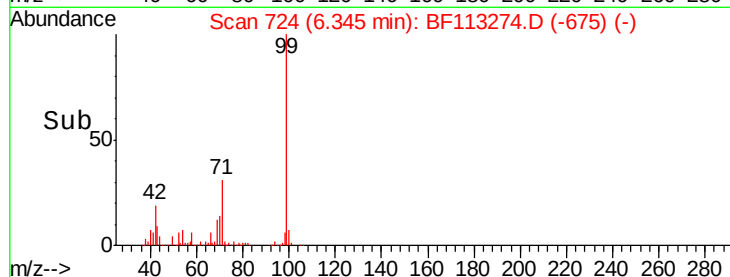
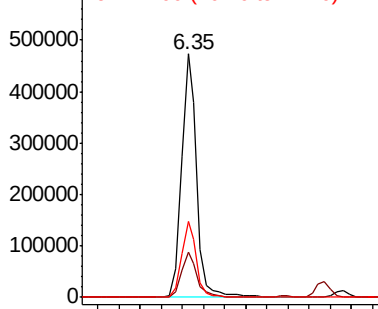
99 100

42 18.7 14.8 22.2

71 31.3 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: 24.473 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

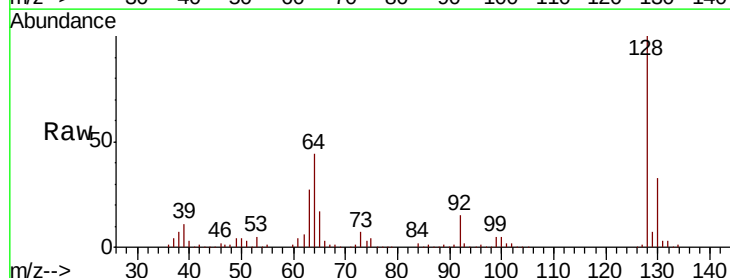
Tgt Ion: 128 Resp: 231485

Ion Ratio Lower Upper

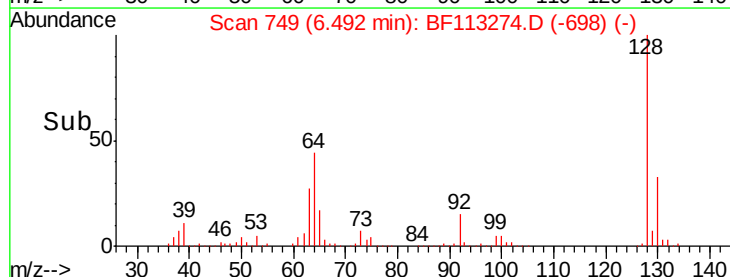
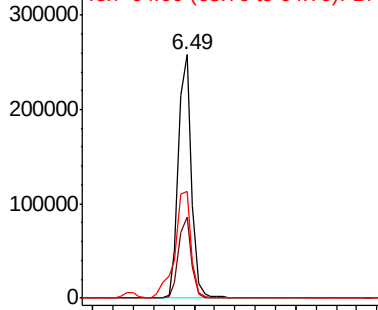
128 100

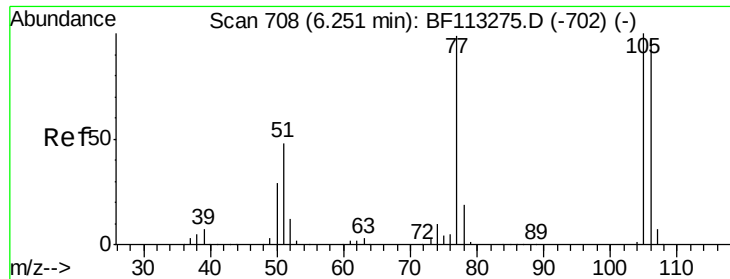
130 33.3 12.6 52.6

64 44.1 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: 22.502 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampled :

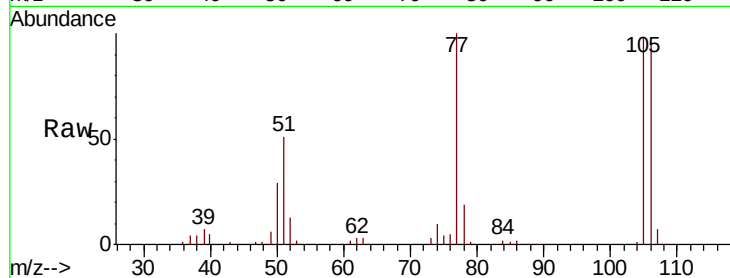
Tot Ion: 77 Resp: 173059

Ion Ratio Lower Upper

77 100

105 97.5 80.9 120.9

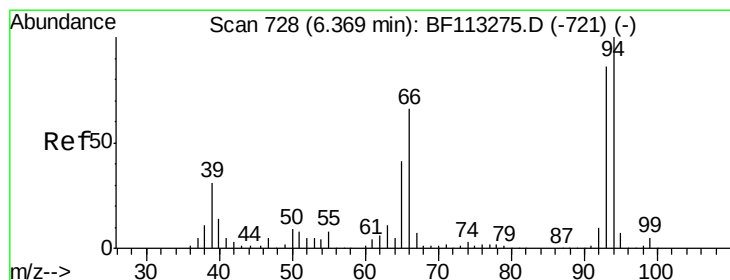
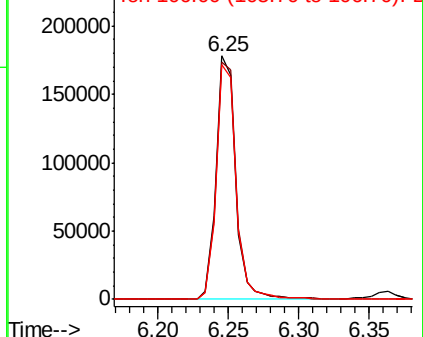
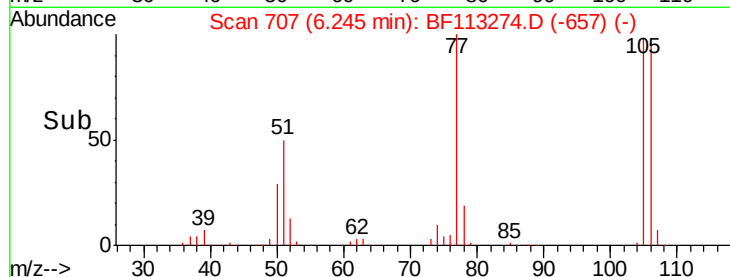
106 96.4 77.8 117.8



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: 21.675 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

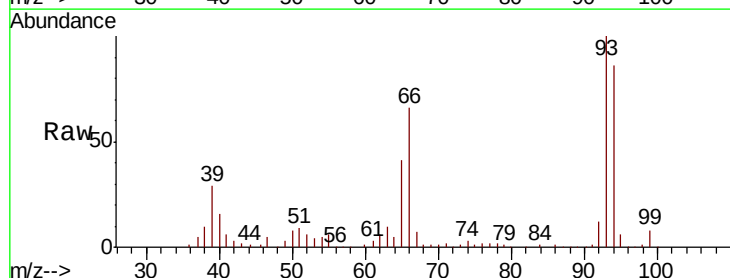
Tgt Ion: 94 Resp: 269965

Ion Ratio Lower Upper

94 100

65 47.8 21.4 61.4

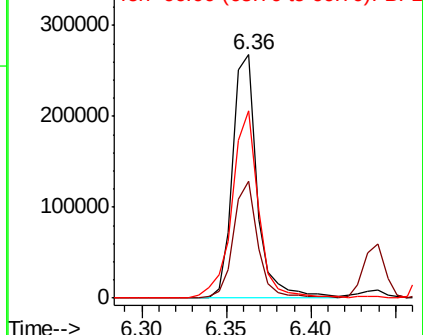
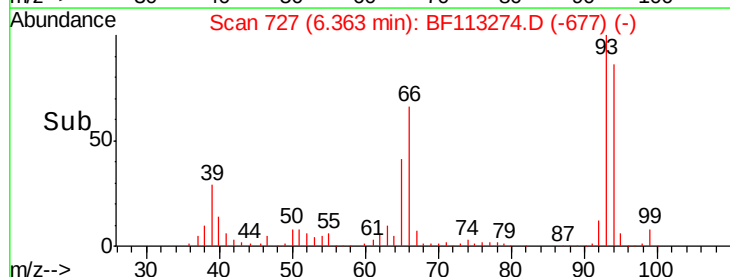
66 77.1 46.4 86.4

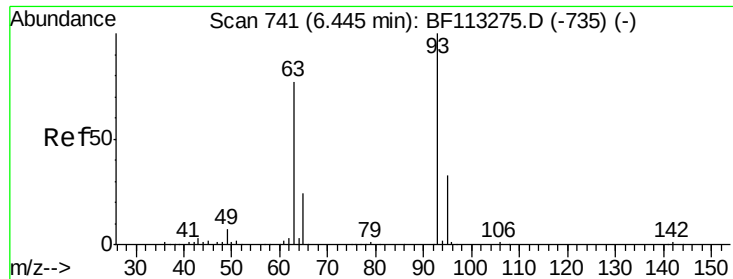


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

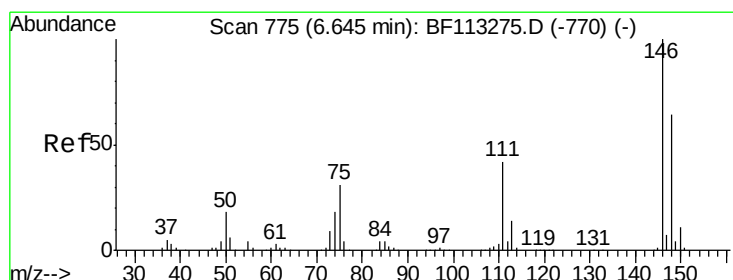
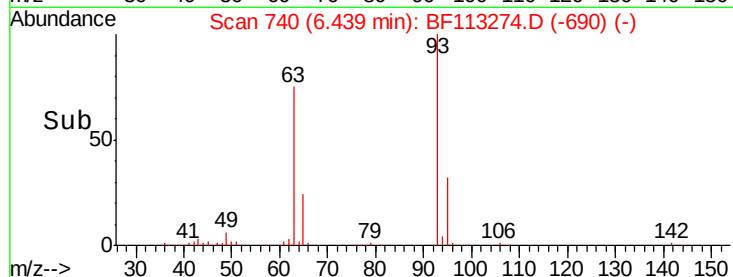
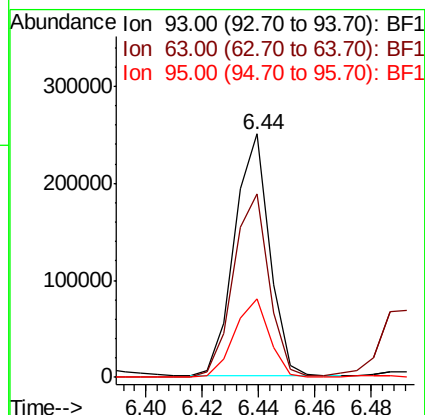
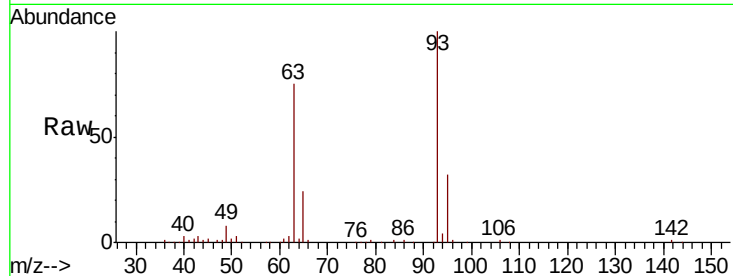




#11
bis(2-Chloroethyl)ether
Concen: 22.500 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

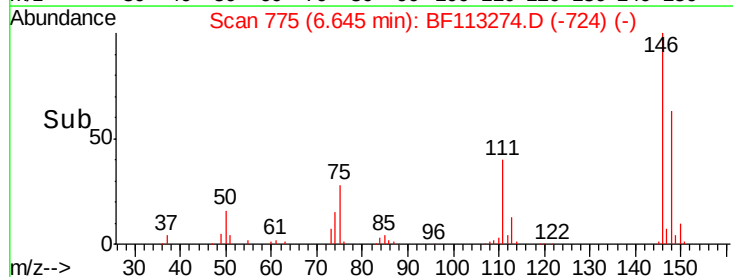
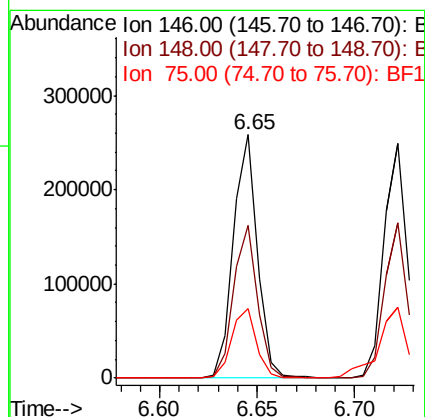
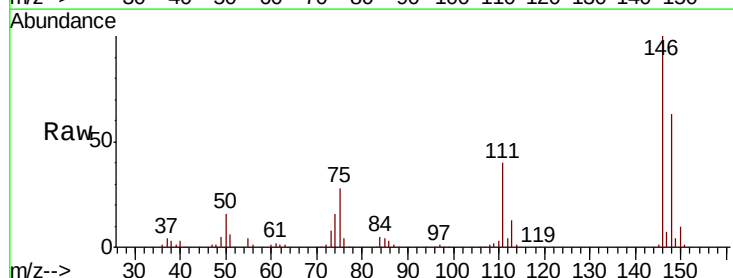
Instrument :
BNA_F
ClientSampleId :

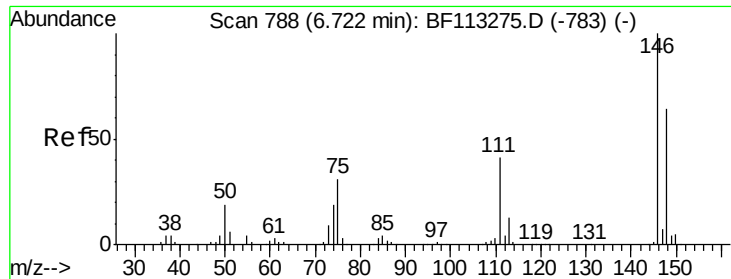
Tot Ion: 93 Resp: 215104
Ion Ratio Lower Upper
93 100
63 75.5 56.1 96.1
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 22.623 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion: 146 Resp: 221046
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
75 28.3 24.8 37.2

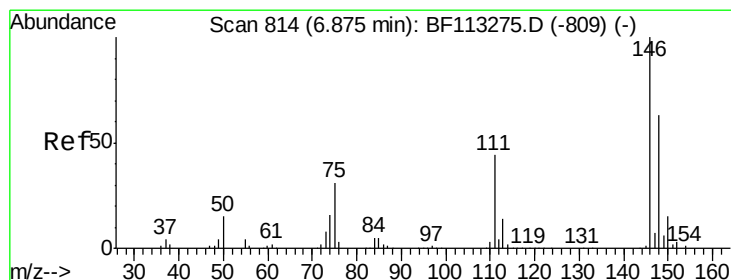
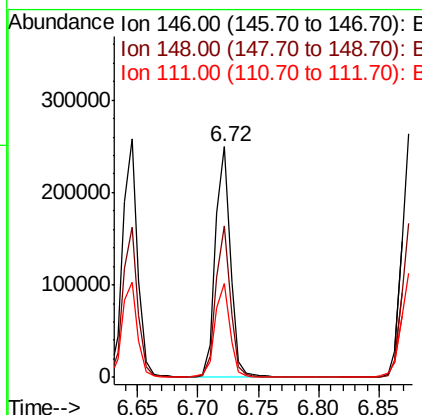
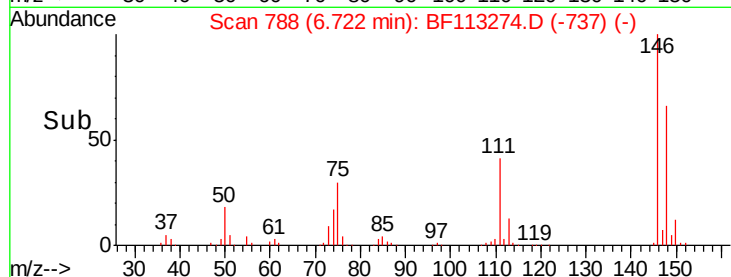
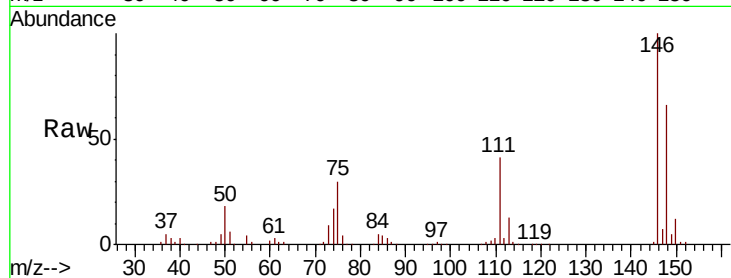




#13
 1,4-Dichlorobenzene
 Concen: 21.668 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

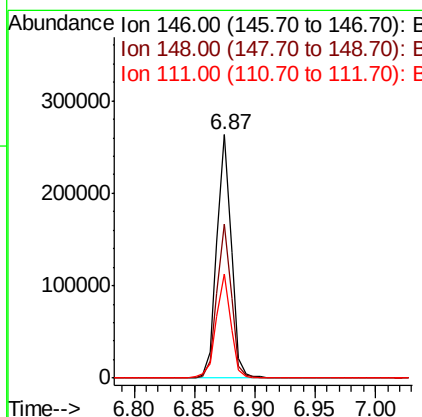
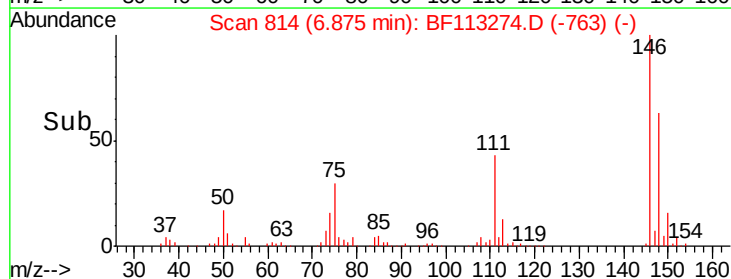
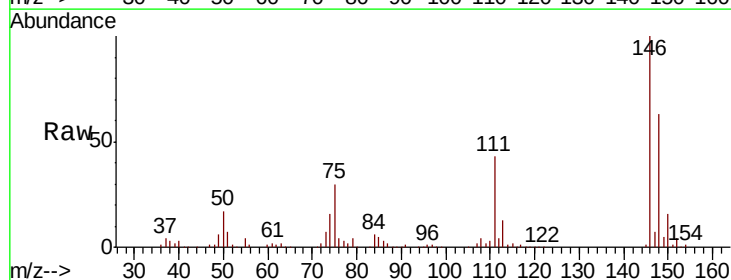
Instrument :
 BNA_F
 ClientSampleId :

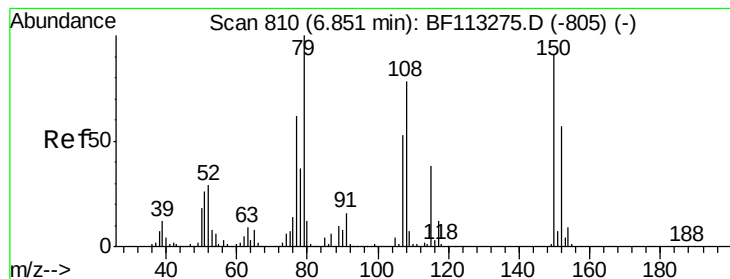
Tot Ion:146 Resp: 212323
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.1 76.7
 111 40.7 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 23.995 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

Tgt Ion:146 Resp: 215547
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.2 75.4
 111 42.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 19.400 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampled :

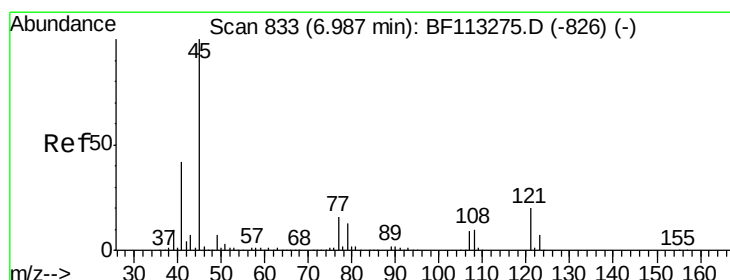
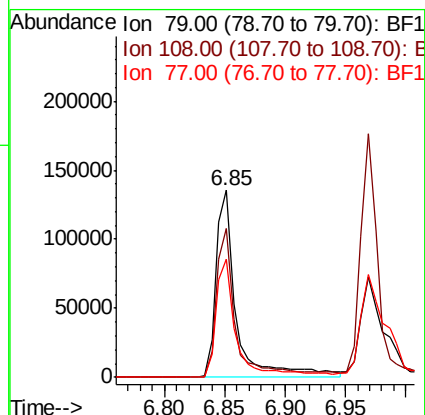
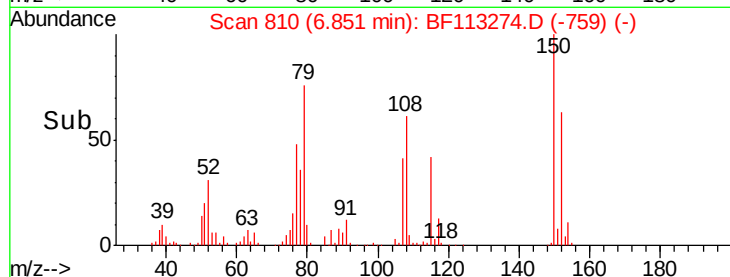
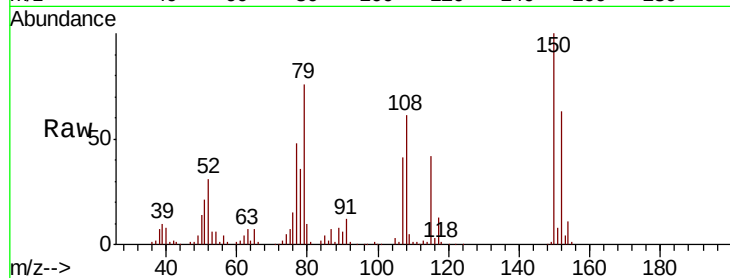
Tot Ion: 79 Resp: 157899

Ion Ratio Lower Upper

79 100

108 79.3 62.0 93.0

77 62.9 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 18.473 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

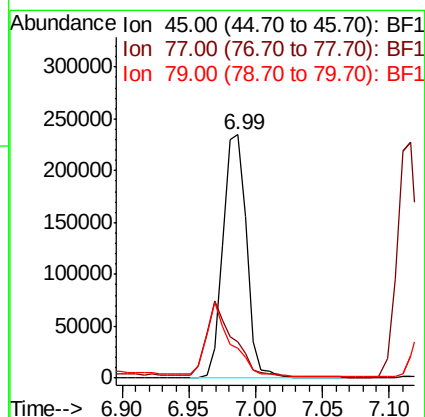
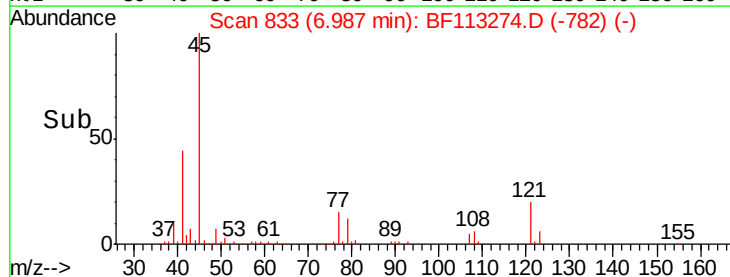
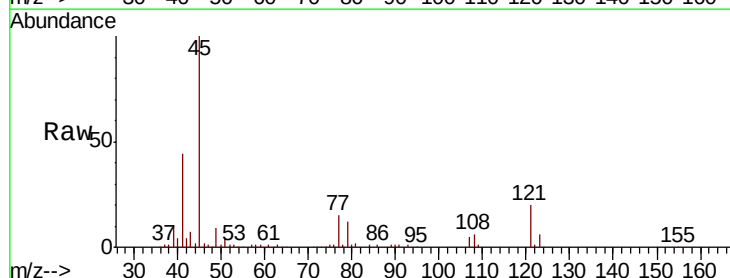
Tgt Ion: 45 Resp: 294720

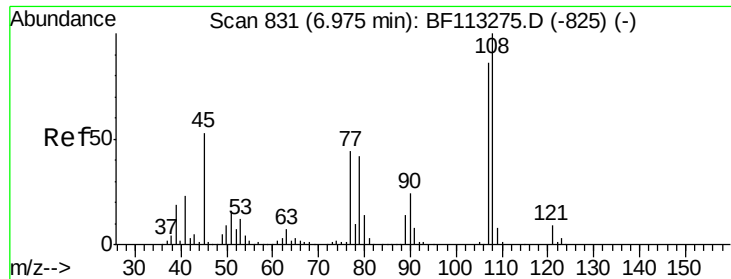
Ion Ratio Lower Upper

45 100

77 15.0 0.0 36.6

79 12.2 0.0 34.0

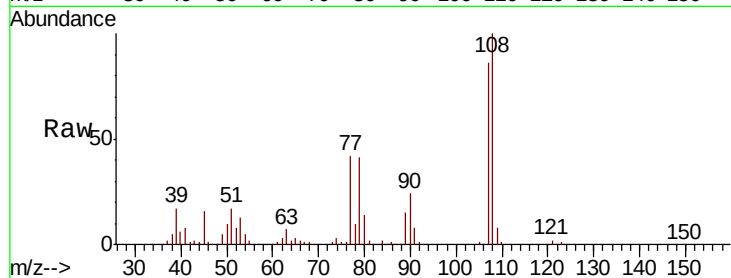




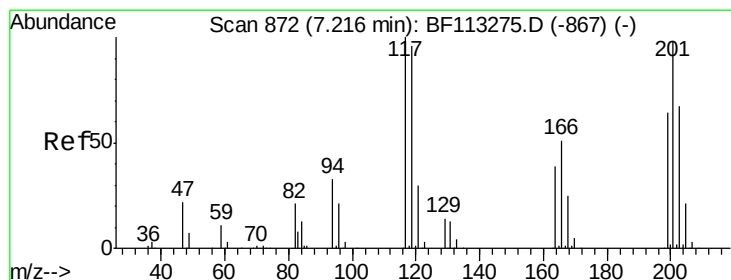
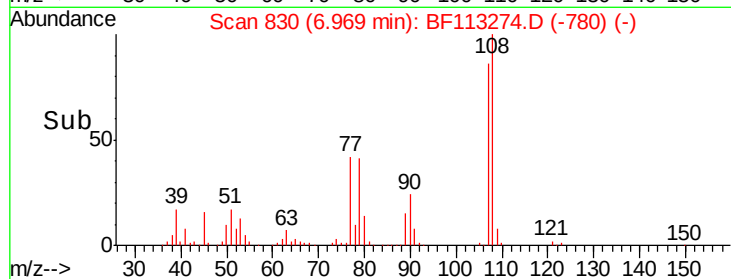
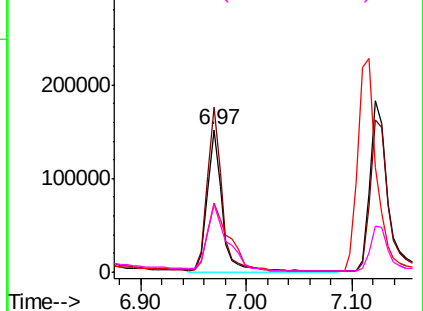
#17
2-Methylphenol
Concen: 19.776 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 151748
Ion Ratio Lower Upper
107 100
108 116.2 93.4 140.0
77 48.9 41.2 61.8
79 47.9 40.1 60.1

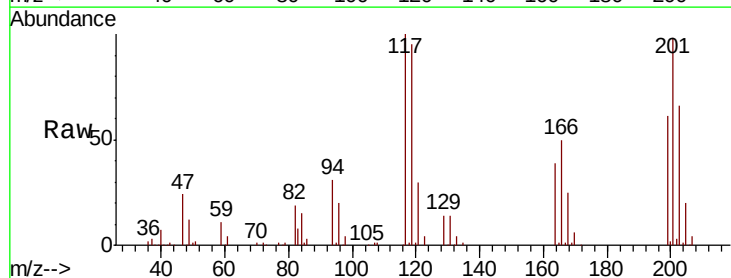


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

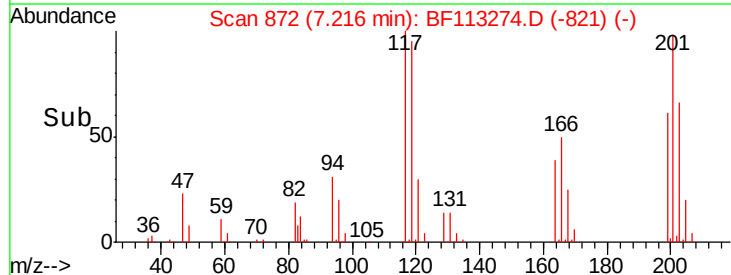
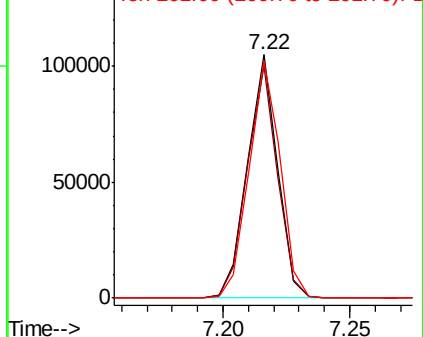


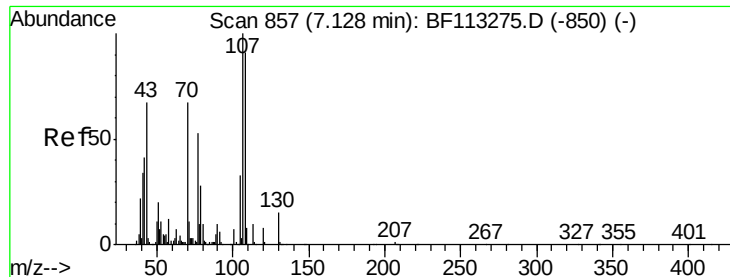
#18
Hexachloroethane
Concen: 23.029 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:117 Resp: 86442
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3
201 97.7 78.7 118.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

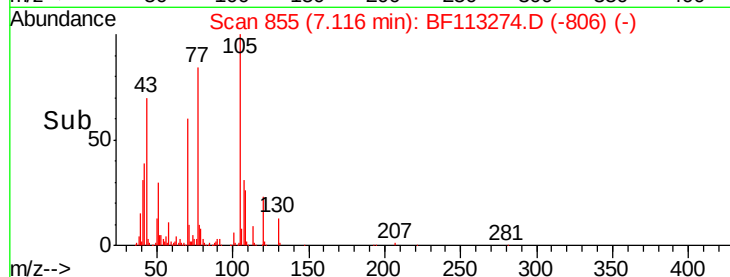
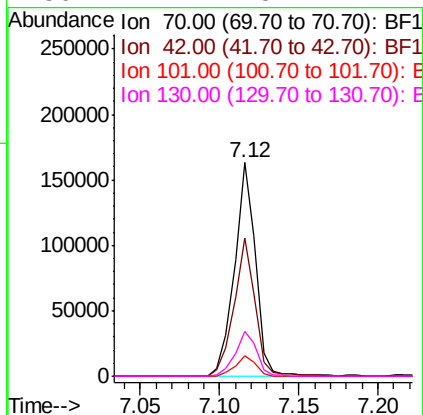
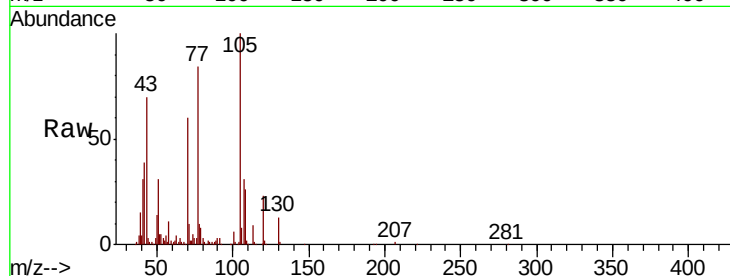




#19
n-Nitroso-di-n-propylamine
Concen: 22.249 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

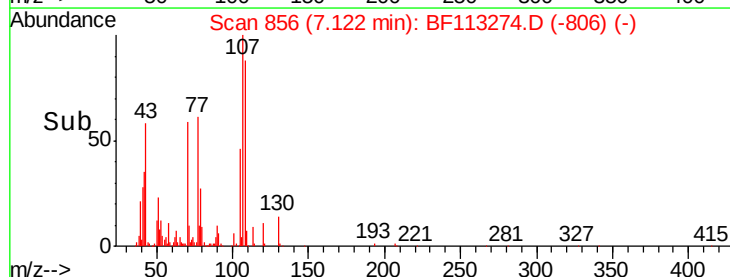
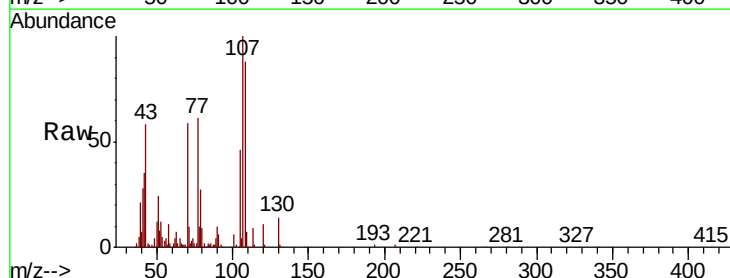
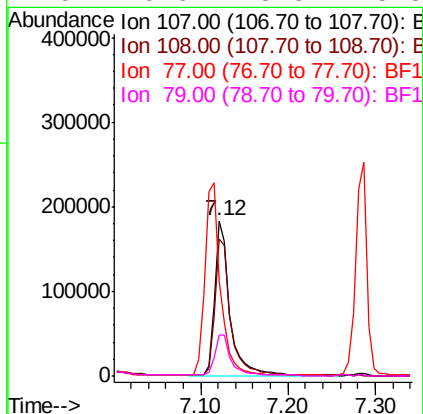
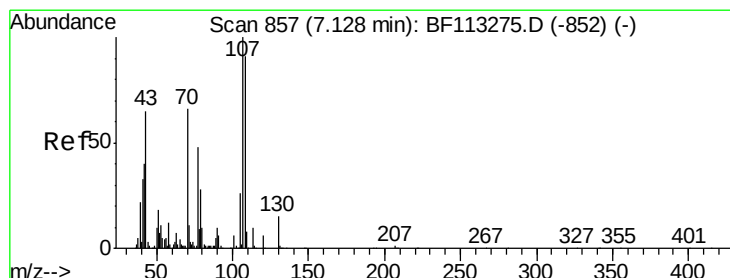
Instrument :
BNA_F
ClientSampled :

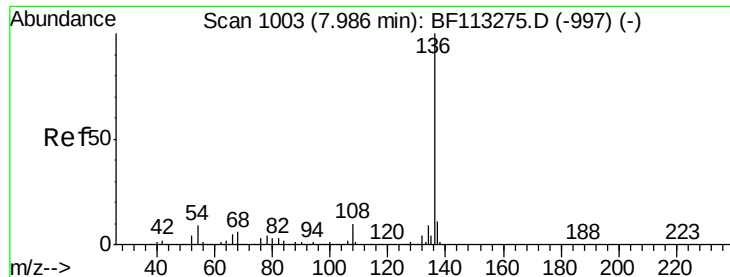
Tot Ion:	70	Resp:	150403
Ion	Ratio	Lower	Upper
70	100		
42	64.9	48.4	72.6
101	9.4	7.8	11.8
130	21.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 25.299 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:	107	Resp:	219171
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.4	111.4
77	61.4	33.5	73.5
79	26.6	8.3	48.3

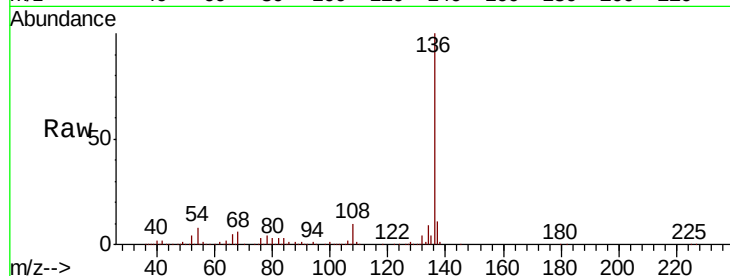




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	637993	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 8.3	7.0	10.6	
68 5.9	4.8	7.2	



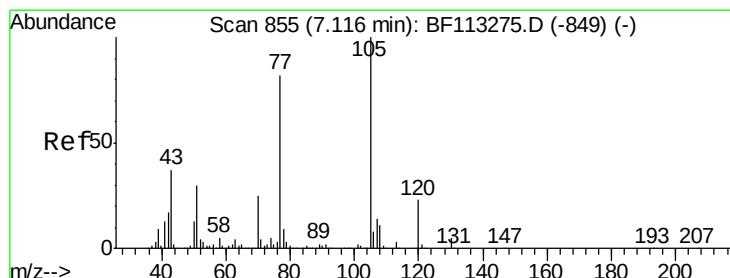
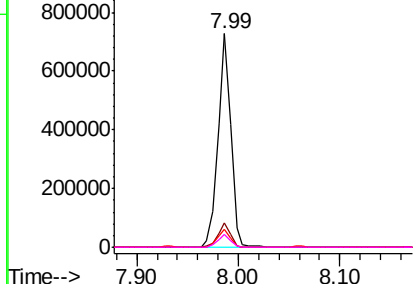
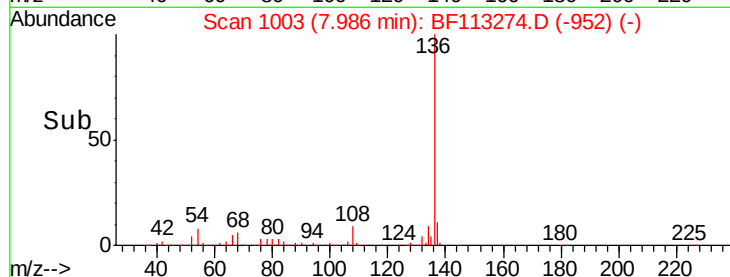
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

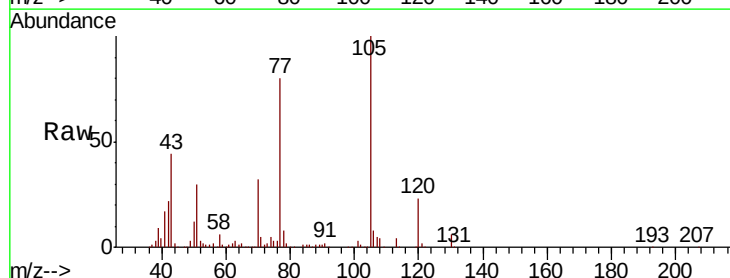
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 19.289 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt	Ion:105	Resp:	287748
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.3	4.9#
51	29.5	24.2	36.2
120	22.7	18.1	27.1



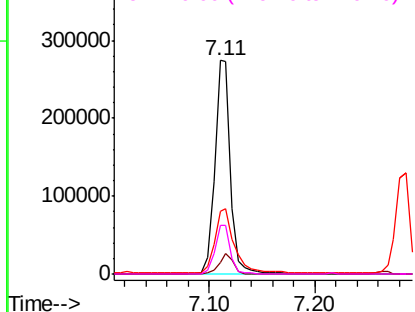
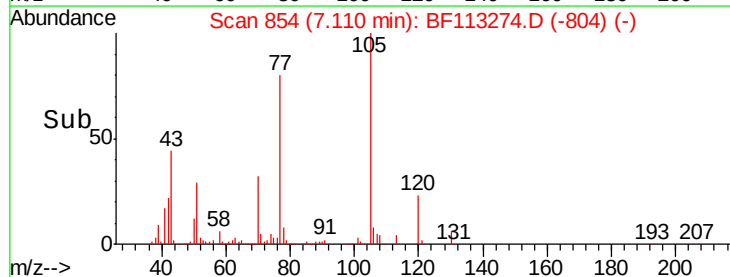
Abundance

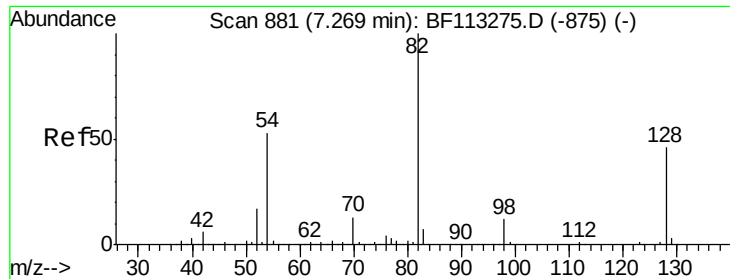
Ion 105.00 (104.70 to 105.70): E

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

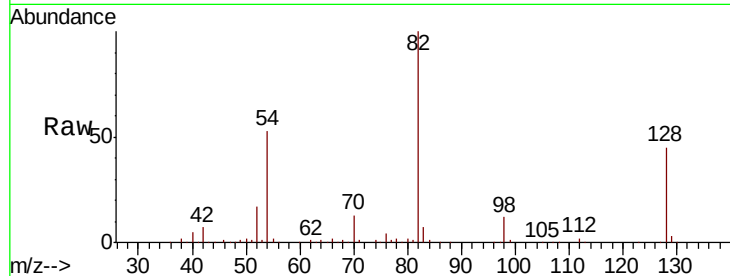




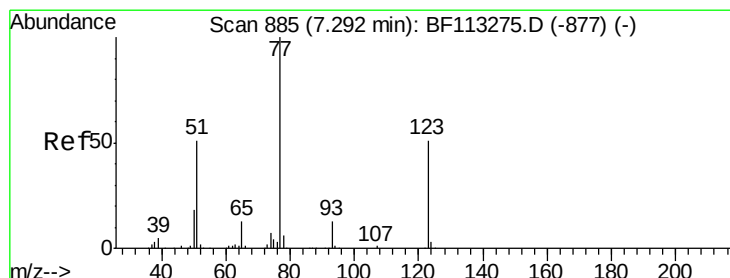
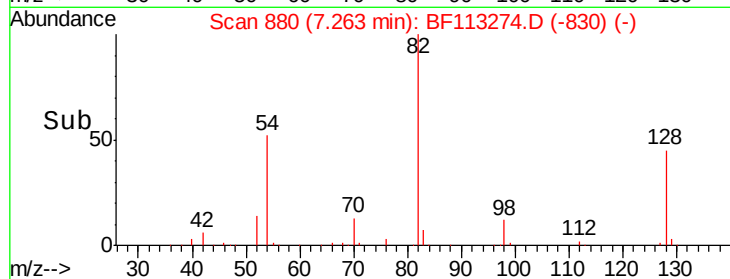
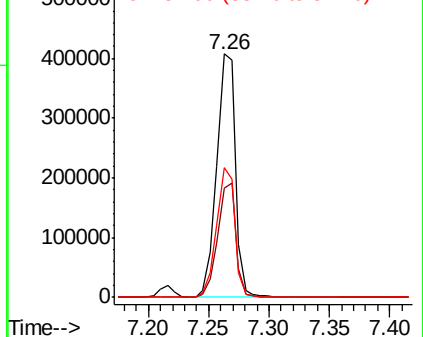
#23
 Nitrobenzene-d5
 Concen: 40.710 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 434053
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.5 54.7
 54 53.5 42.2 63.2

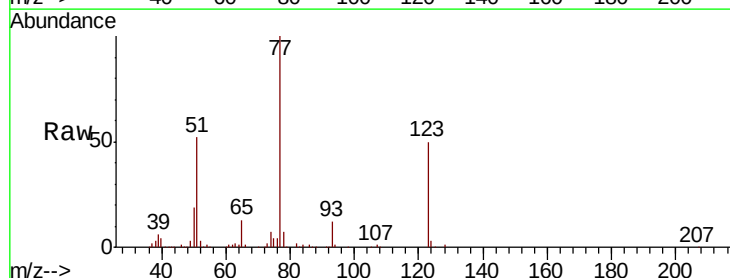


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

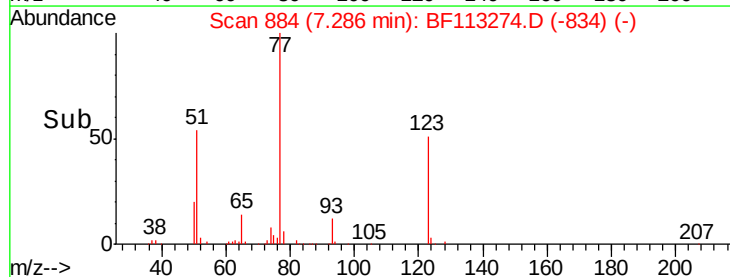
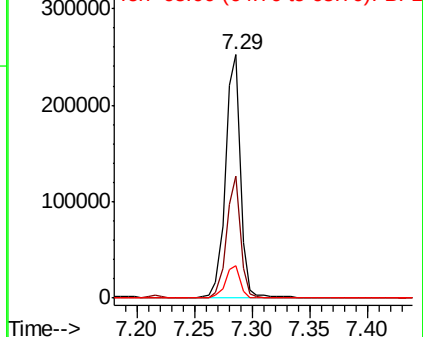


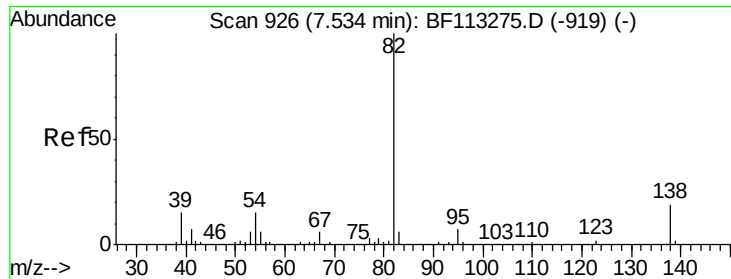
#24
 Nitrobenzene
 Concen: 19.067 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

Tgt Ion: 77 Resp: 226262
 Ion Ratio Lower Upper
 77 100
 123 50.0 40.8 61.2
 65 13.1 10.6 16.0



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

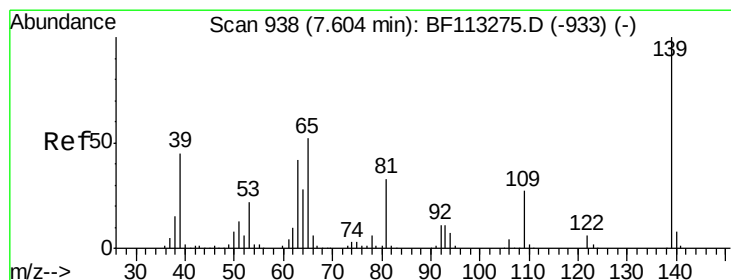
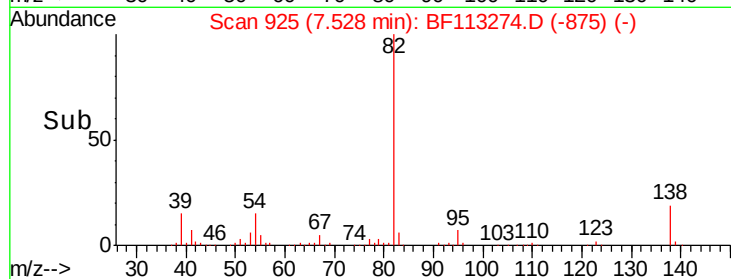
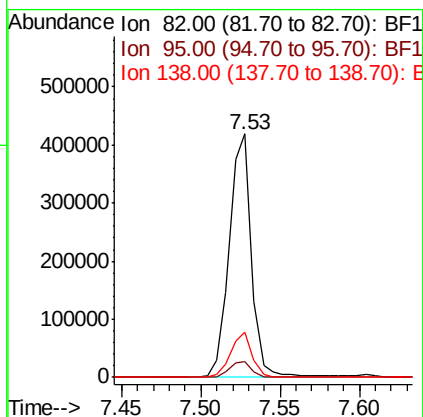
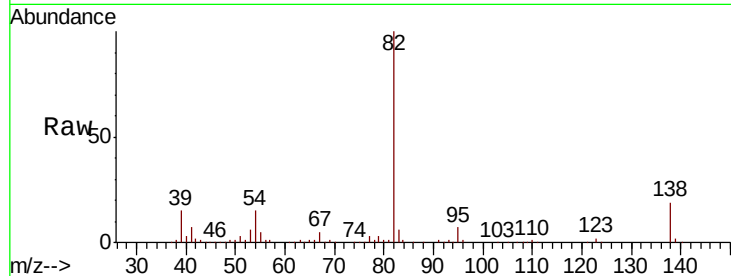




#25
Isophorone
Concen: 17.764 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

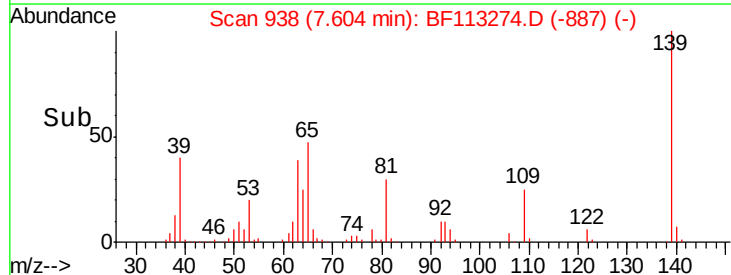
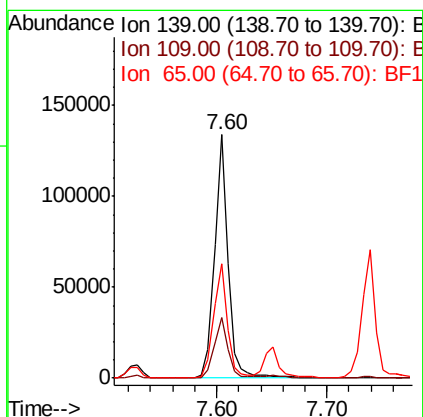
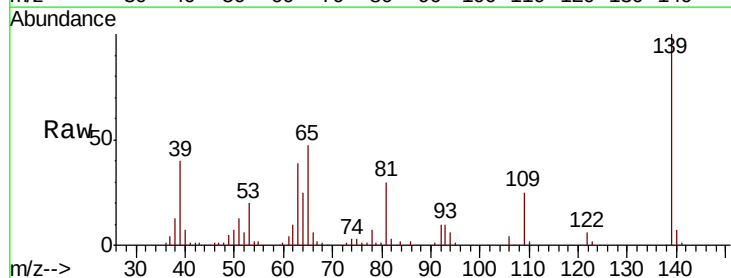
Instrument :
BNA_F
ClientSampled :

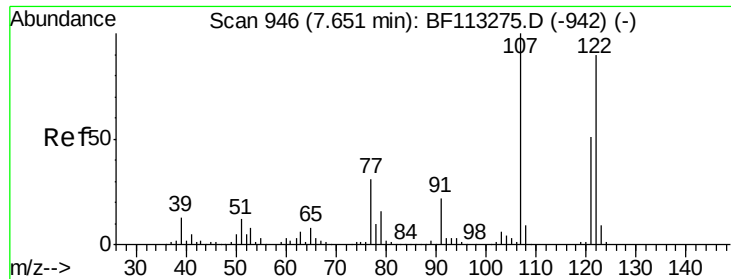
Tot Ion: 82 Resp: 408030
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.8 15.2 22.8



#26
2-Nitrophenol
Concen: 22.823 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion: 139 Resp: 112742
Ion Ratio Lower Upper
139 100
109 25.1 21.7 32.5
65 46.9 41.6 62.4

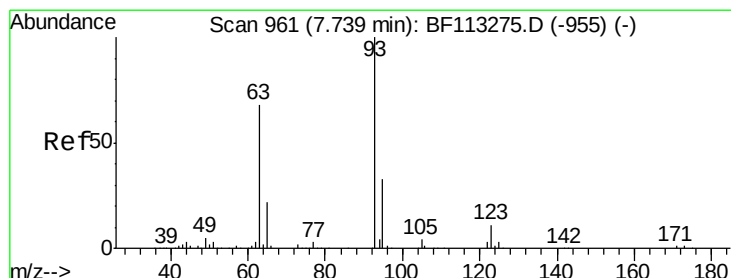
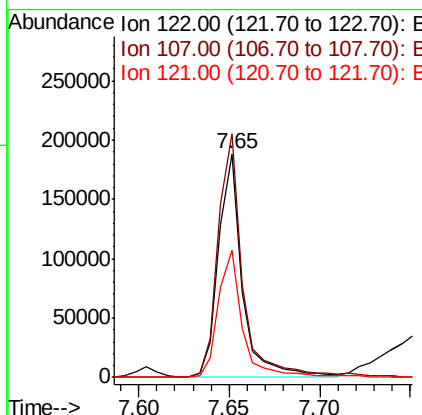
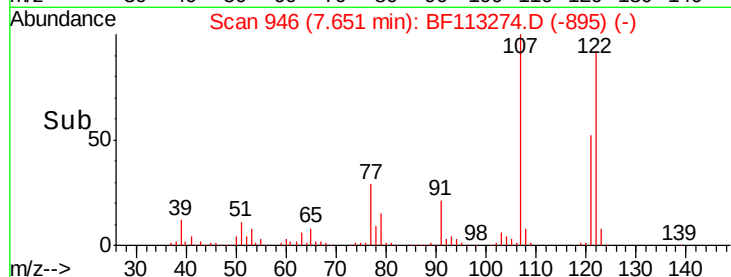
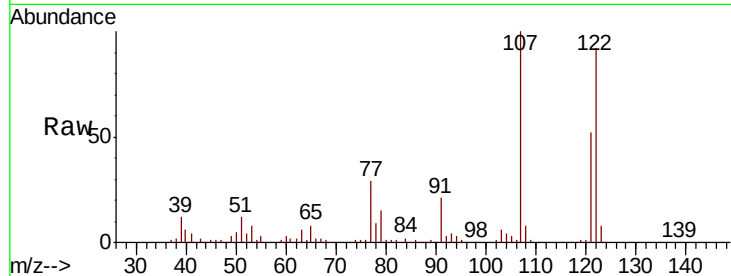




#27
 2,4-Dimethylphenol
 Concen: 18.900 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

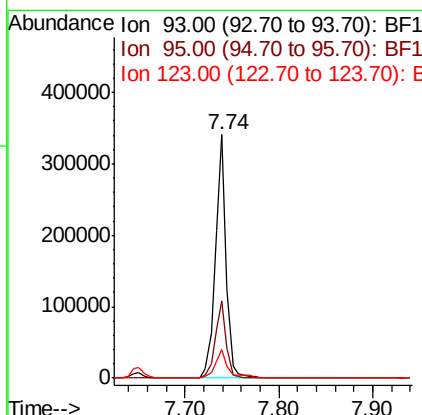
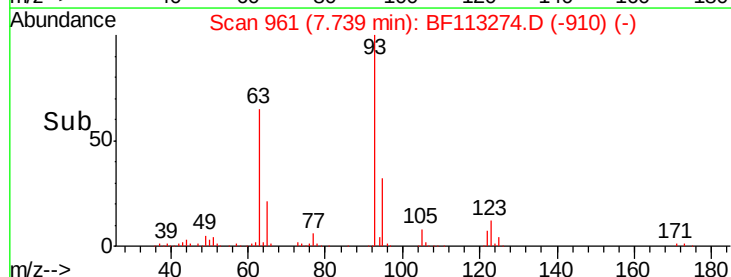
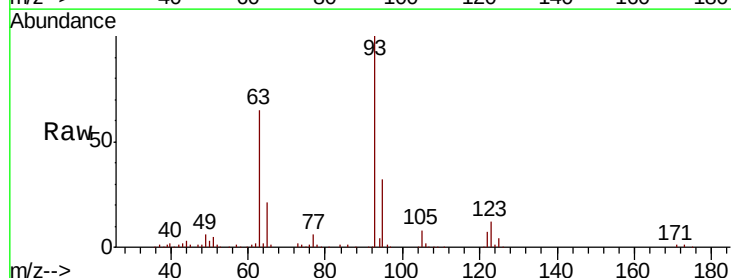
Instrument :
 BNA_F
 ClientSampleId :

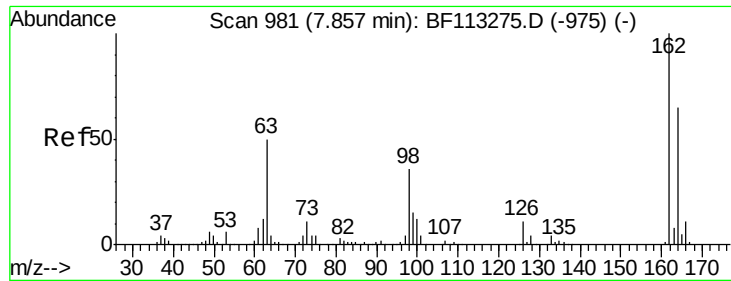
Tot Ion:122 Resp: 173694
 Ion Ratio Lower Upper
 122 100
 107 108.9 88.8 133.2
 121 57.1 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 19.349 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

Tgt Ion: 93 Resp: 277865
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.0 39.0
 123 11.6 9.1 13.7

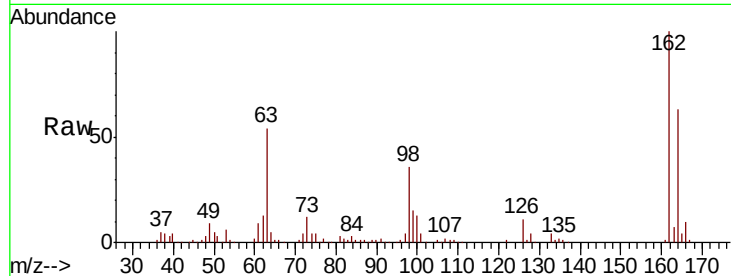




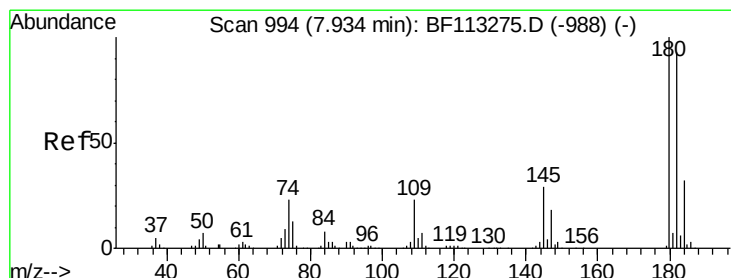
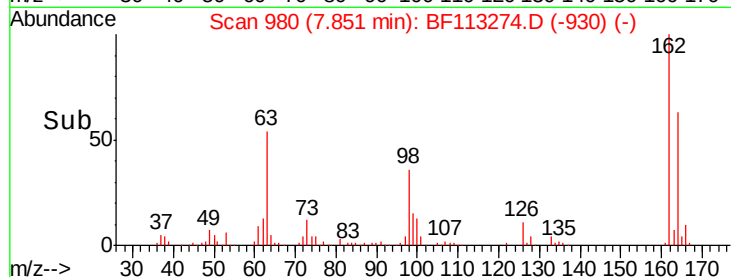
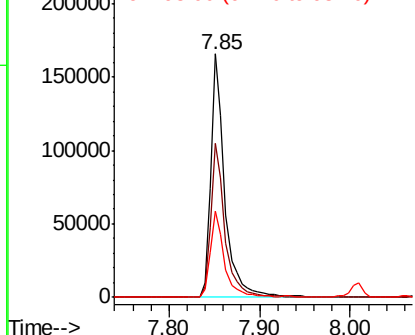
#29
2,4-Dichlorophenol
Concen: 20.160 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	35.6	15.6	55.6

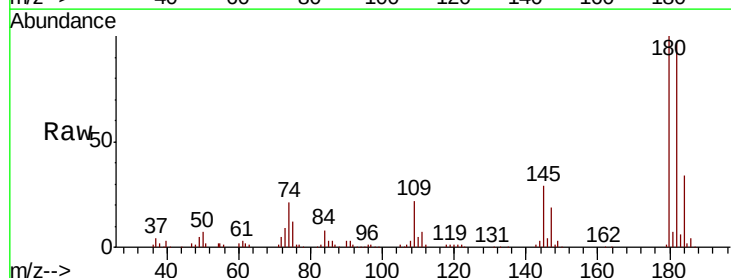


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

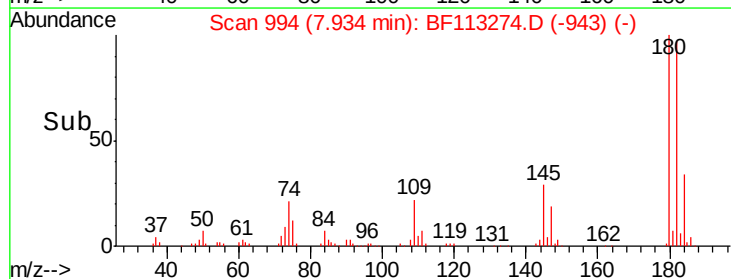
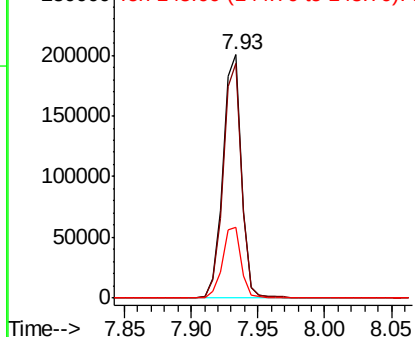


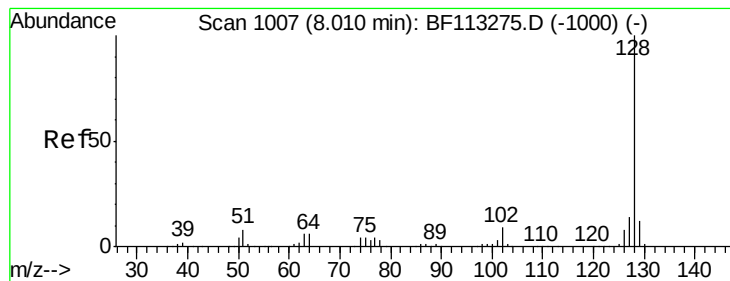
#30
1,2,4-Trichlorobenzene
Concen: 20.676 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.6	111.8
145	29.1	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: 20.836 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

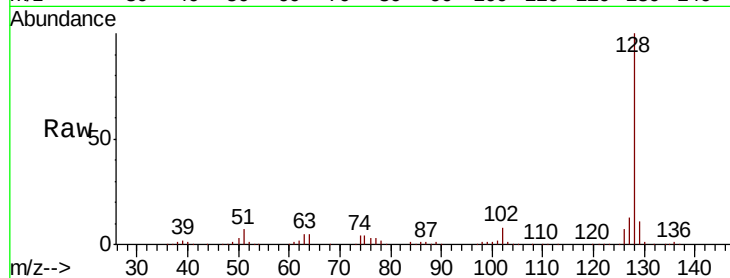
Tot Ion:128 Resp: 659974

Ion Ratio Lower Upper

128 100

129 10.8 9.3 13.9

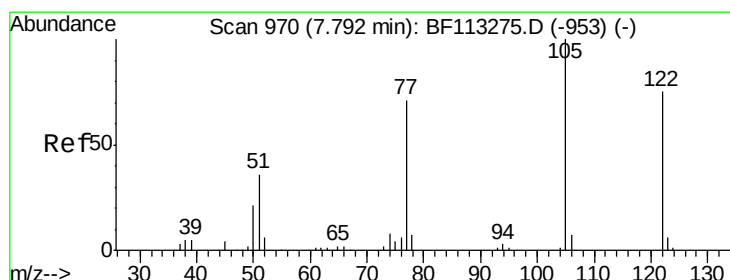
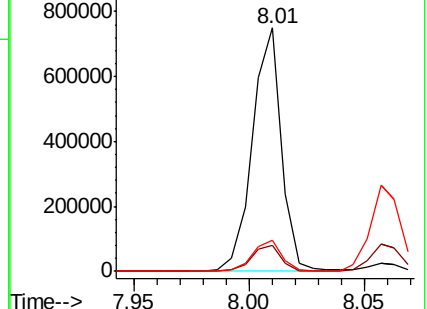
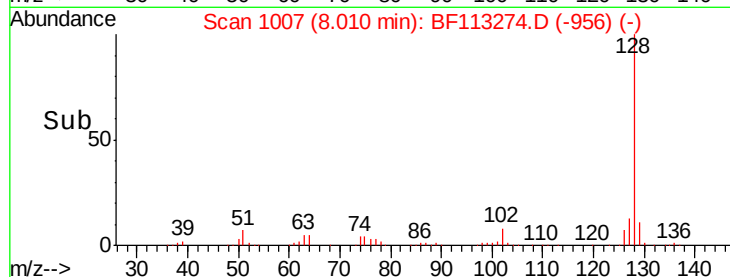
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.485 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

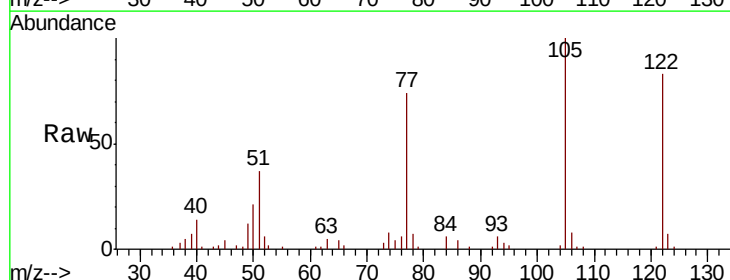
Tgt Ion:122 Resp: 119066

Ion Ratio Lower Upper

122 100

105 120.4 100.4 140.4

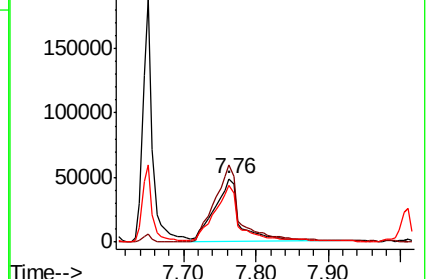
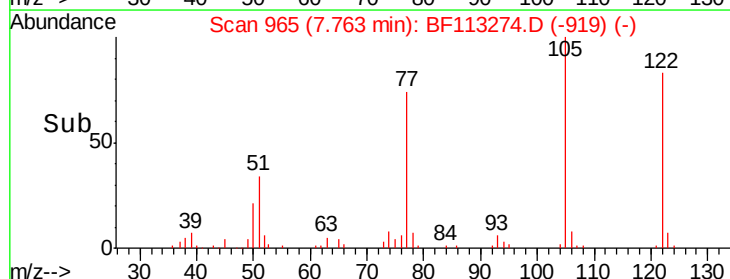
77 89.3 69.0 109.0

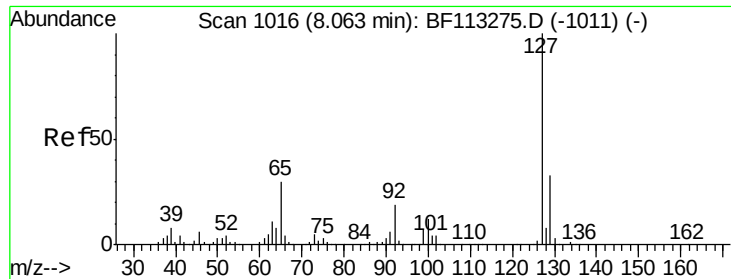


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

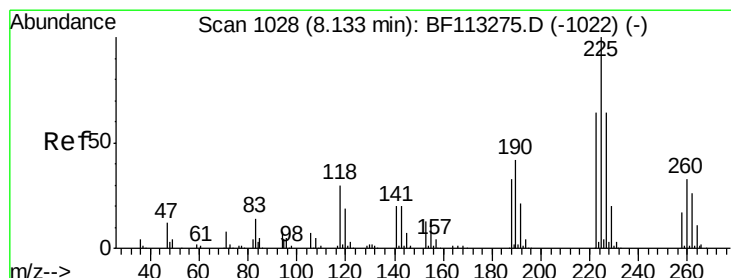
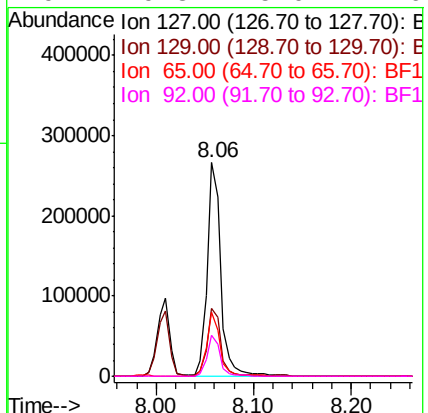
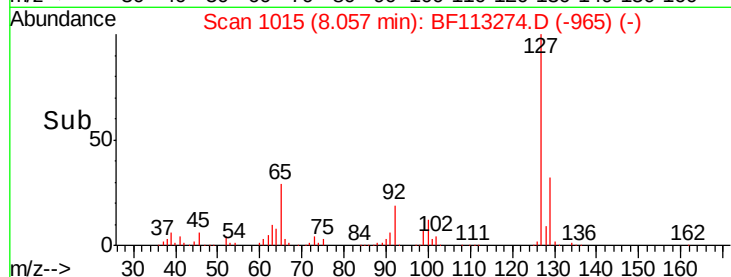
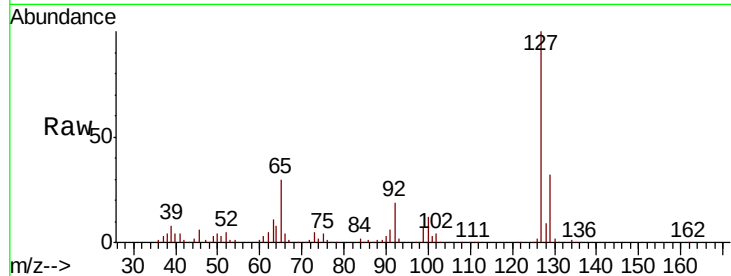




#33
4-Chloroaniline
Concen: 19.415 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

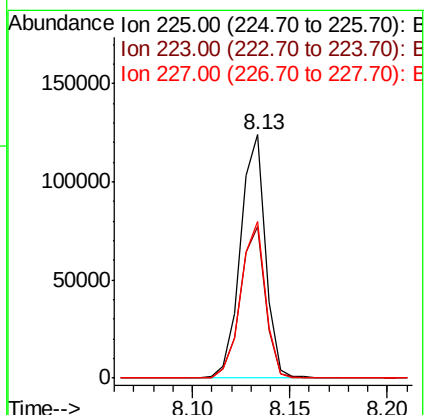
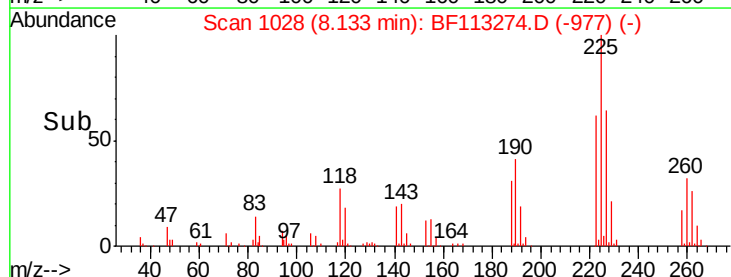
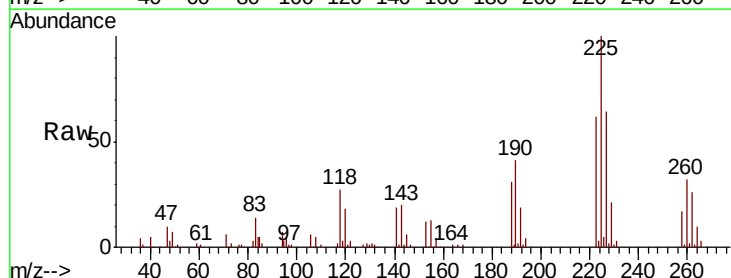
Instrument :
BNA_F
ClientSampleId :

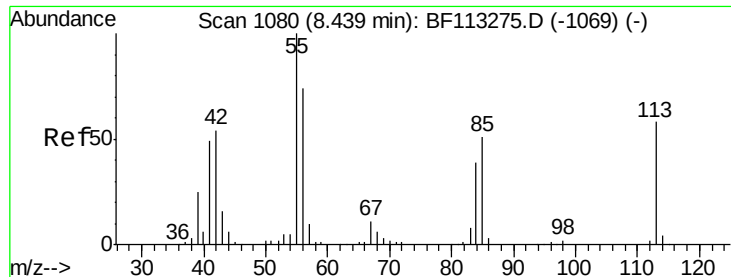
Tot Ion:	127	Resp:	260466
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	29.8	24.2	36.4
92	19.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 20.402 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:	225	Resp:	110182
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.2
227	64.1	51.1	76.7

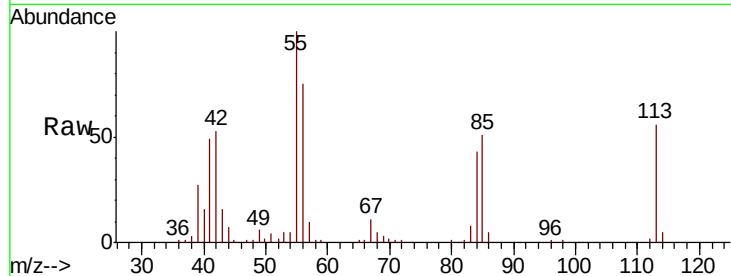




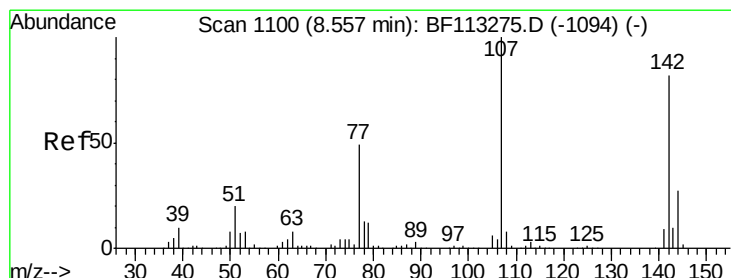
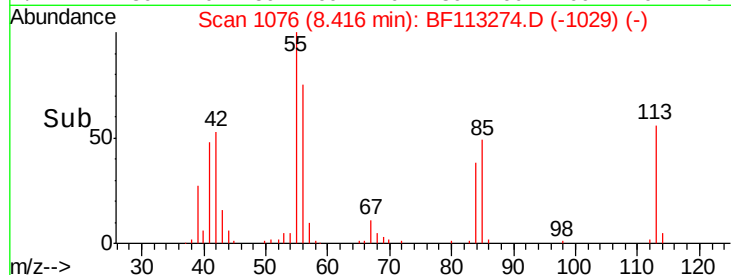
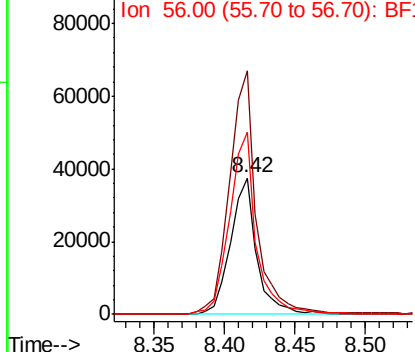
#35
Caprolactam
Concen: 15.405 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 48356
Ion Ratio Lower Upper
113 100
55 178.2 152.7 192.7
56 133.1 108.3 148.3

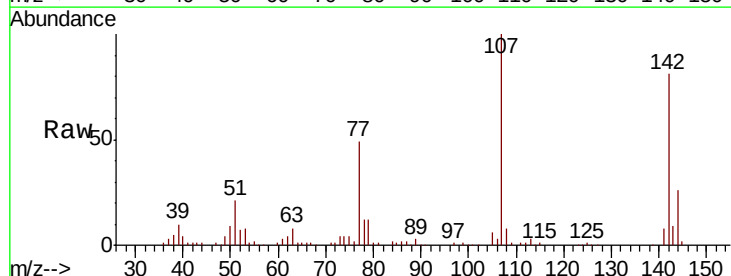


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

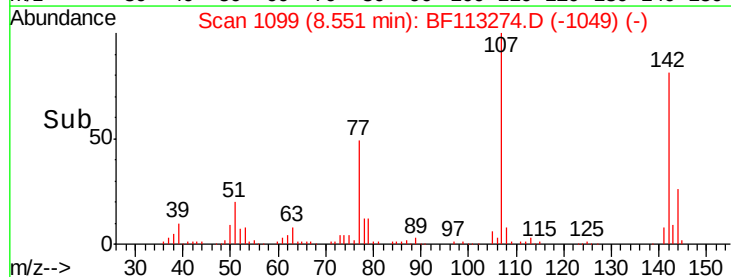
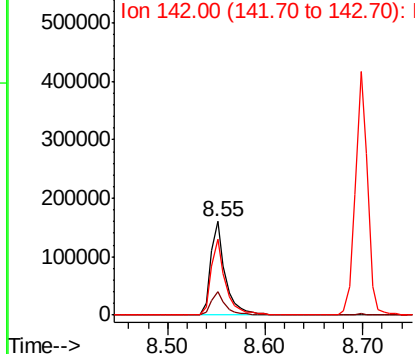


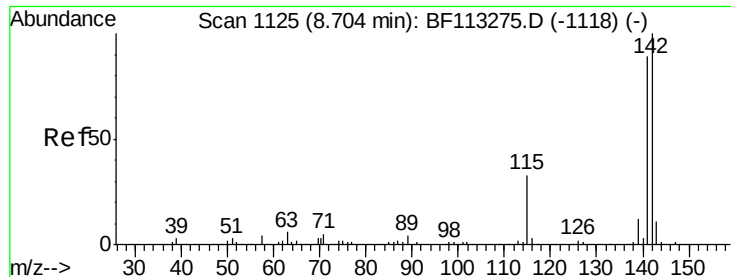
#36
4-Chloro-3-methylphenol
Concen: 16.959 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:107 Resp: 167265
Ion Ratio Lower Upper
107 100
144 25.7 21.4 32.0
142 80.7 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

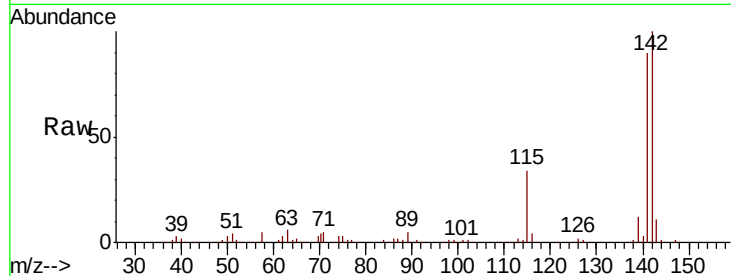




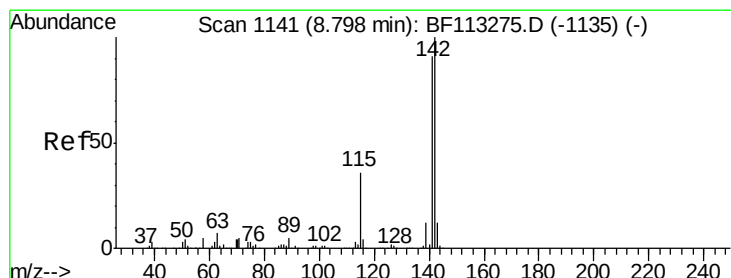
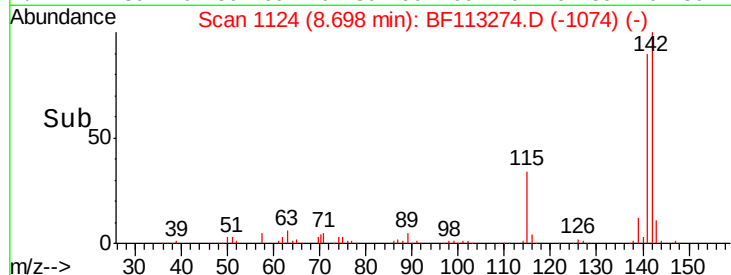
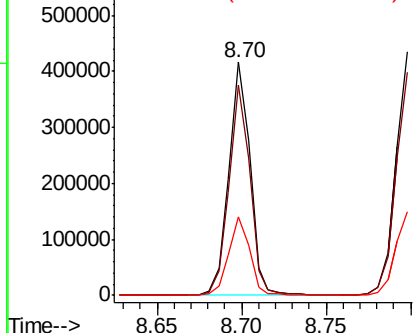
#37
2-Methylnaphthalene
Concen: 17.807 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 364244
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 33.8 26.6 39.8

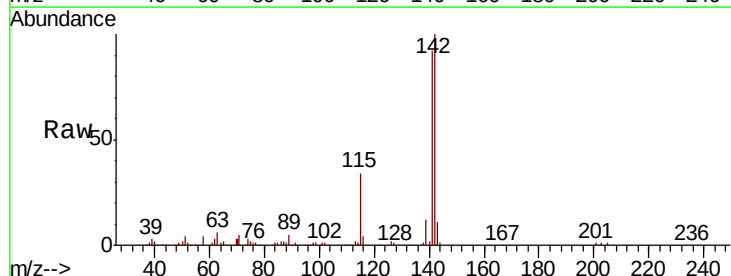


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

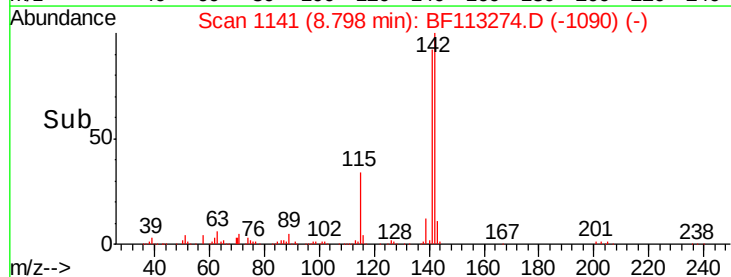
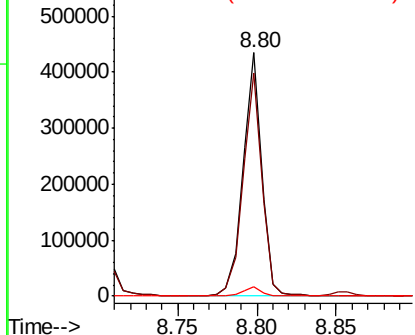


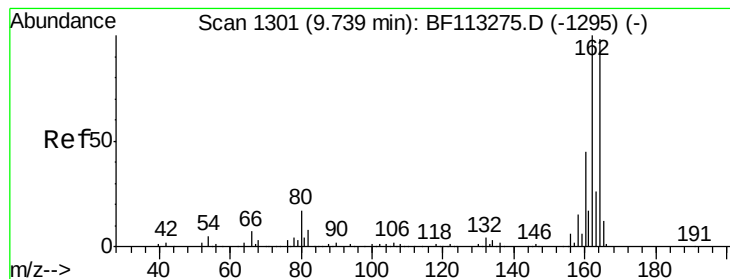
#38
1-Methylnaphthalene
Concen: 17.731 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:142 Resp: 351329
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8
116 3.6 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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

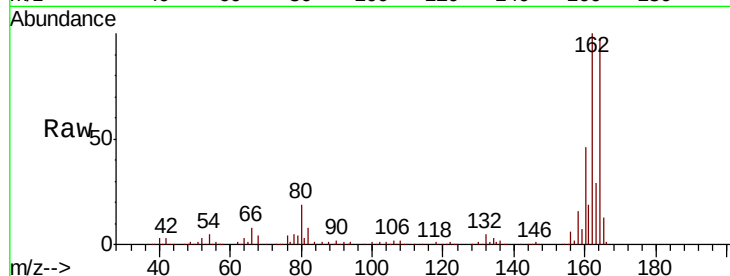
Tot Ion:164 Resp: 255504

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 47.0 36.4 54.6

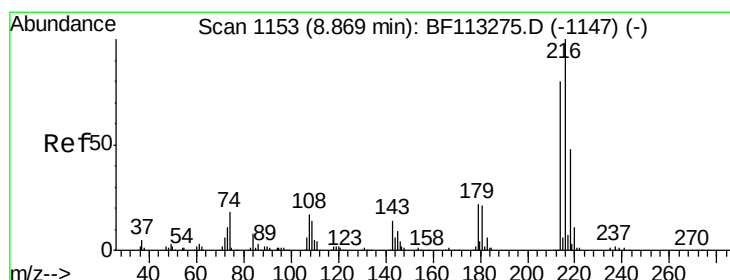
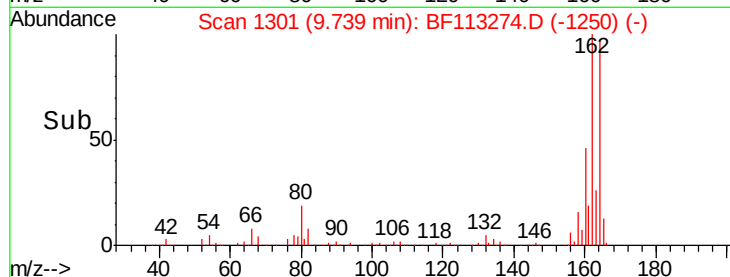
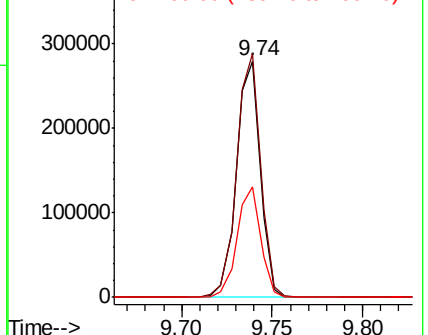


Abundance

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: 23.625 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Tgt Ion:216 Resp: 176027

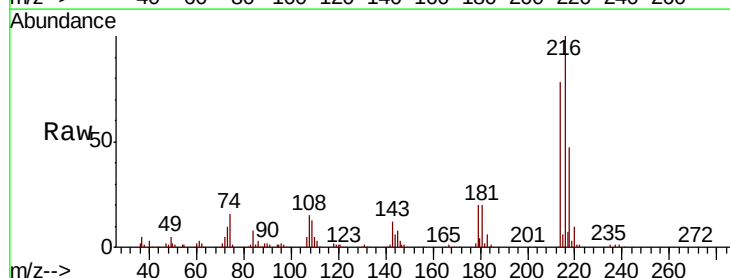
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 20.5 16.8 25.2

108 17.3 13.8 20.6



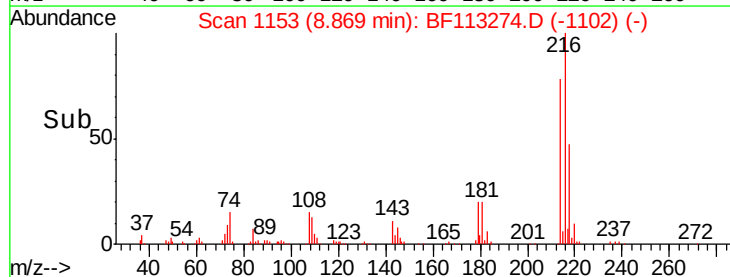
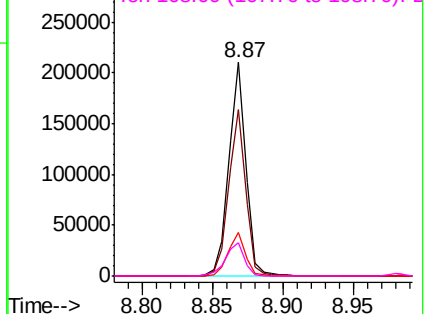
Abundance

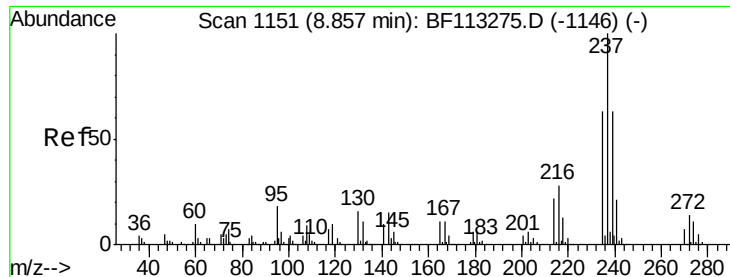
Ion 216.00 (215.70 to 216.70): E

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: 13.961 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampled :

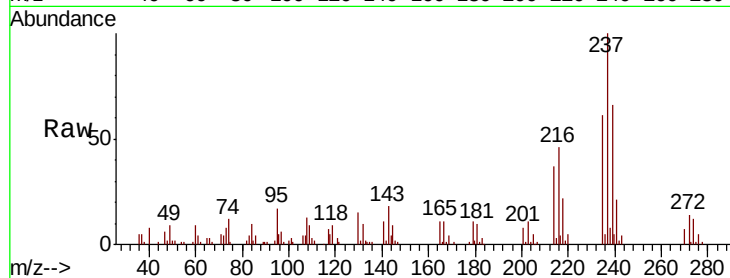
Tot Ion:237 Resp: 56963

Ion Ratio Lower Upper

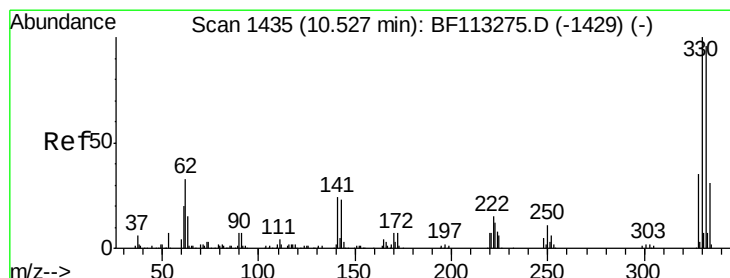
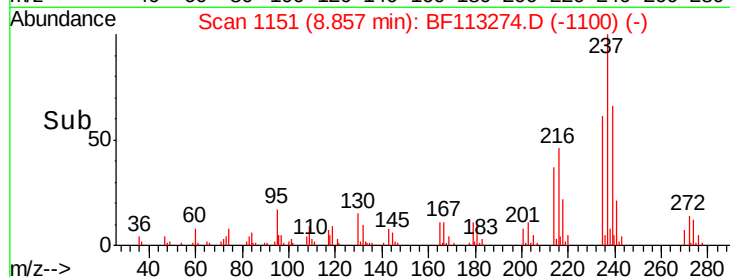
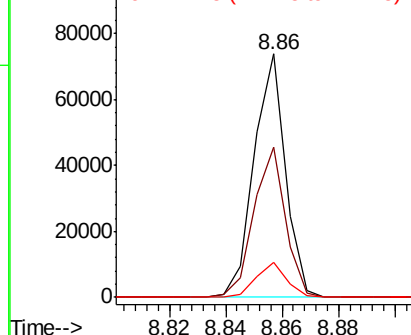
237 100

235 61.5 43.4 83.4

272 14.3 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: 50.267 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

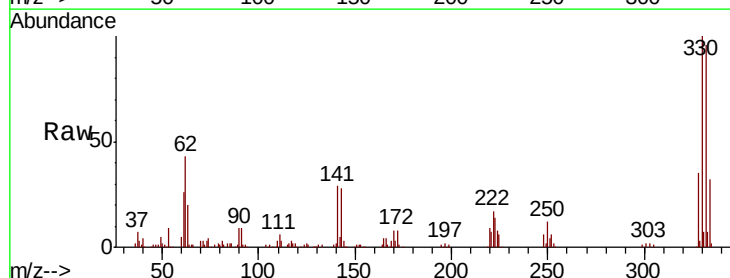
Tgt Ion:330 Resp: 136348

Ion Ratio Lower Upper

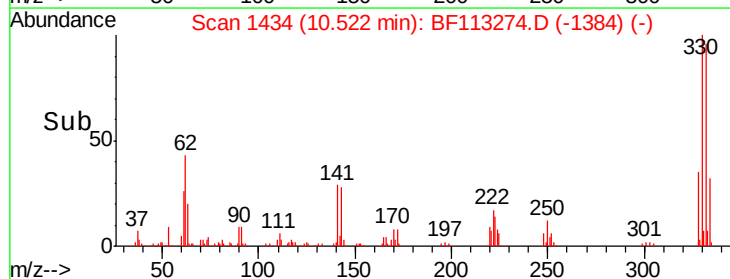
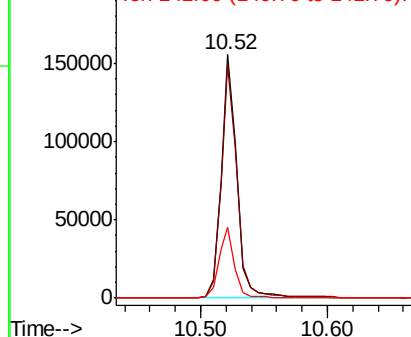
330 100

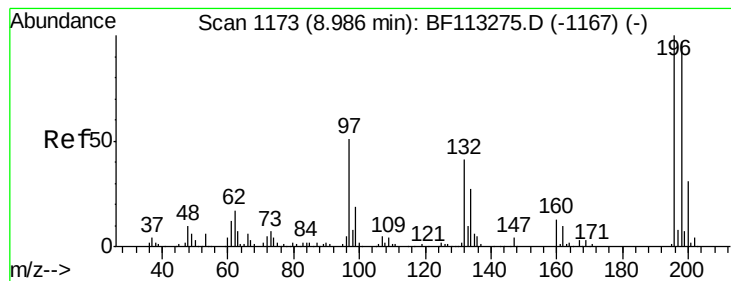
332 98.0 77.8 116.6

141 29.1 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: 21.631 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

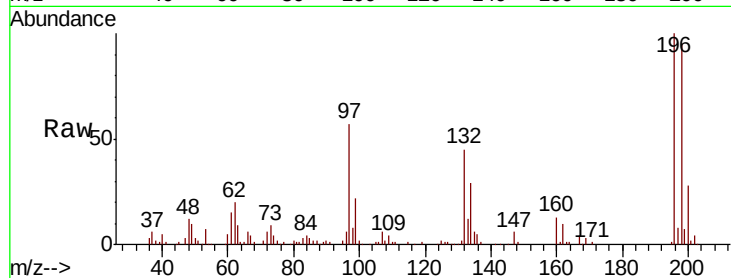
Tot Ion:196 Resp: 110922

Ion Ratio Lower Upper

196 100

198 95.0 77.7 116.5

200 28.4 24.9 37.3

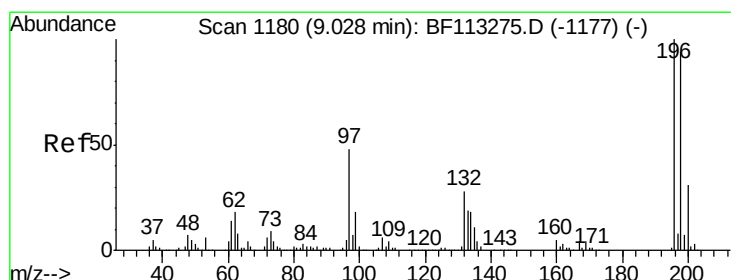
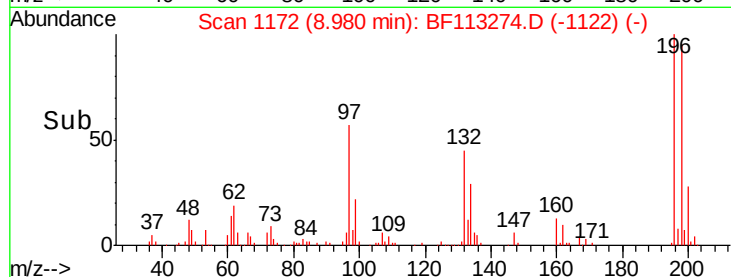
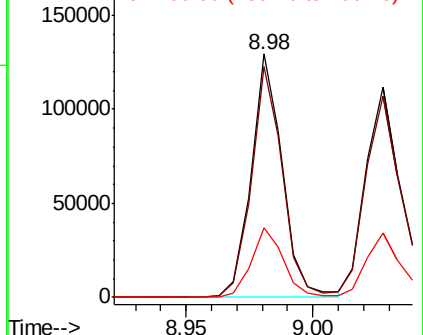


Abundance

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: 21.633 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Tgt Ion:196 Resp: 119902

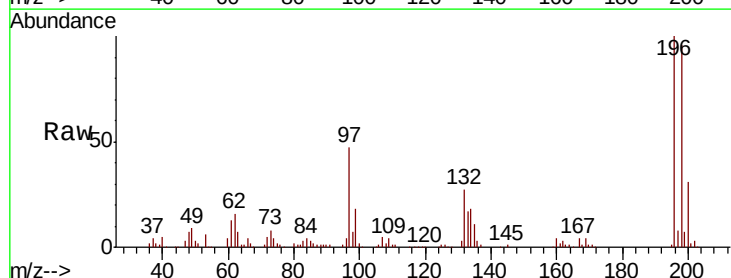
Ion Ratio Lower Upper

196 100

198 96.2 75.4 113.2

97 47.1 38.6 58.0

132 26.9 22.9 34.3



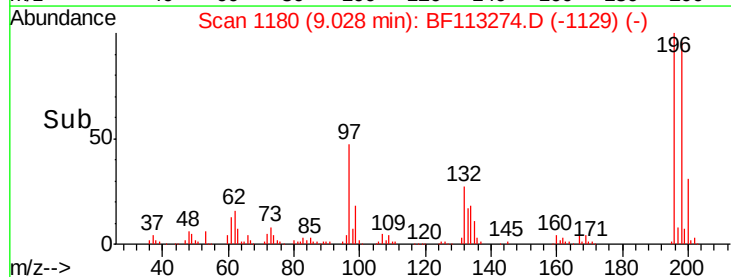
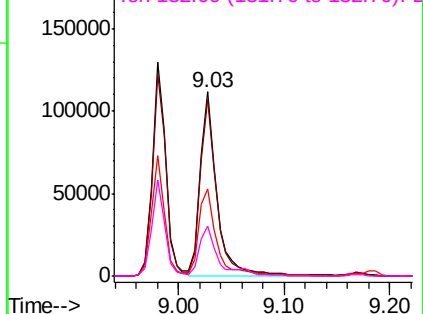
Abundance

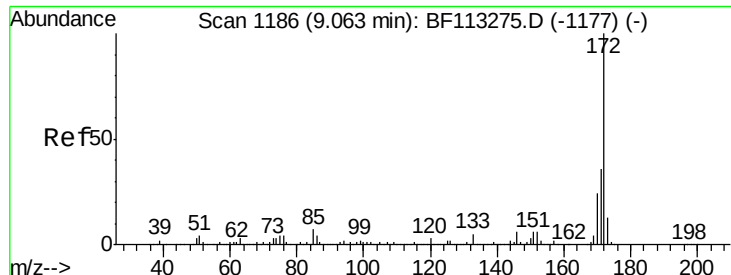
Ion 196.00 (195.70 to 196.70): E

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

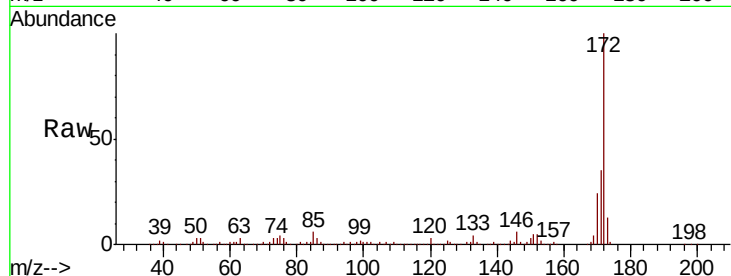




#45
2-Fluorobiphenyl
Concen: 44.354 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.9	19.5	29.3

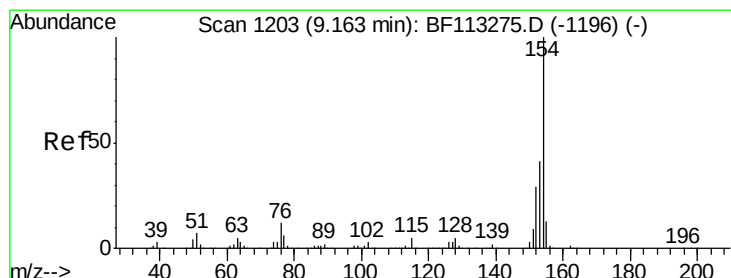
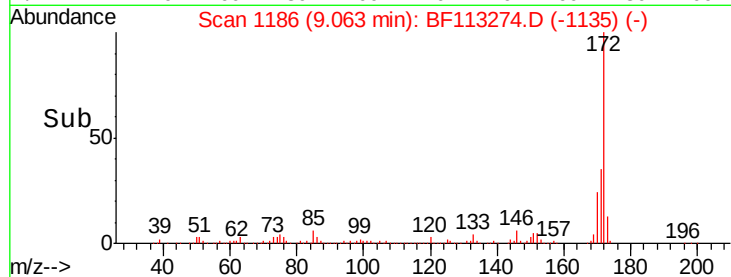
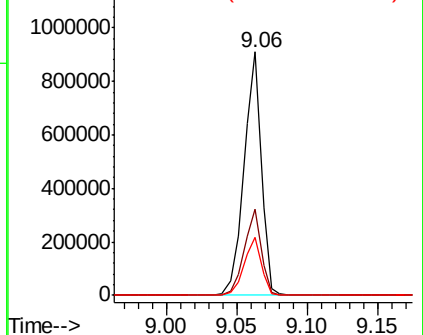


Abundance

Ion 172.00 (171.70 to 172.70): E

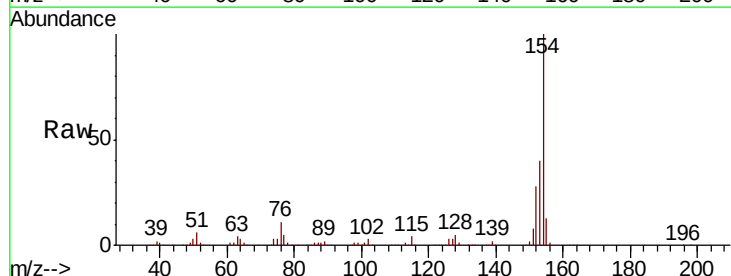
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 22.240 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	10.8	0.0	31.9

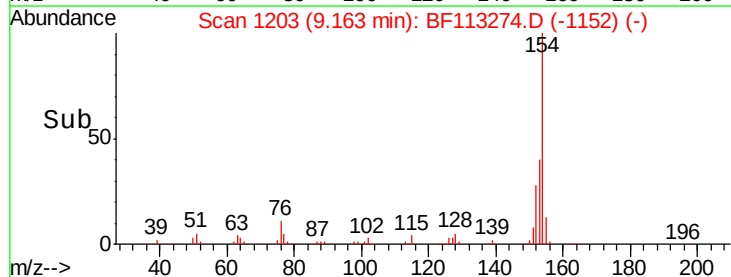
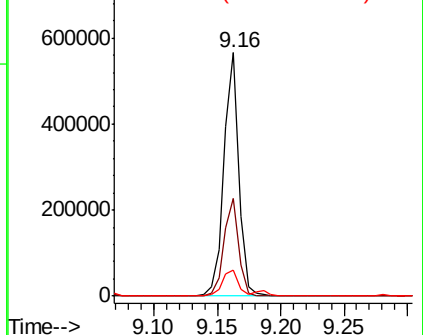


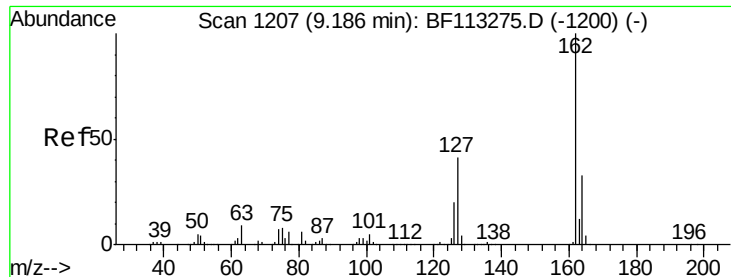
Abundance

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

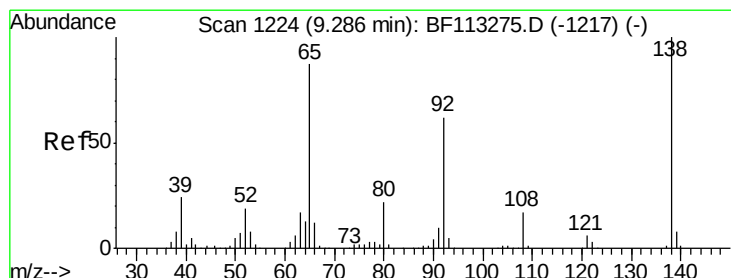
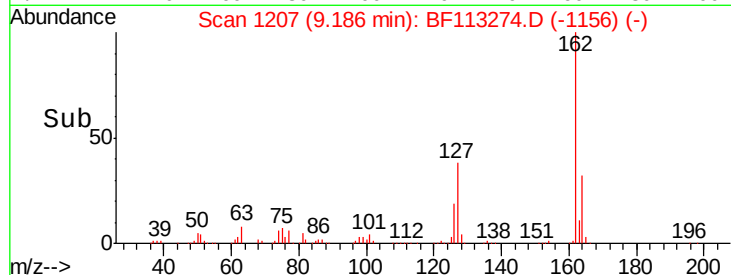
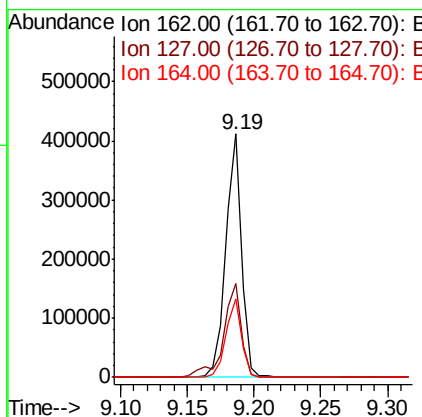
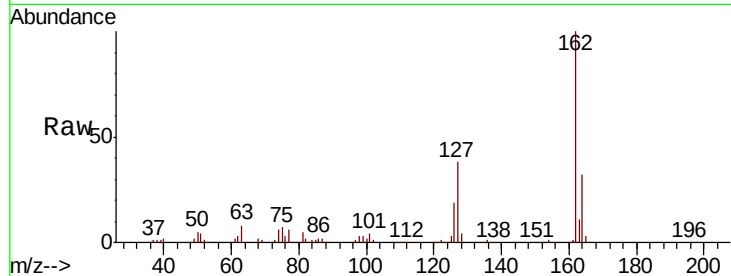




#47
 2-Chloronaphthalene
 Concen: 21.239 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

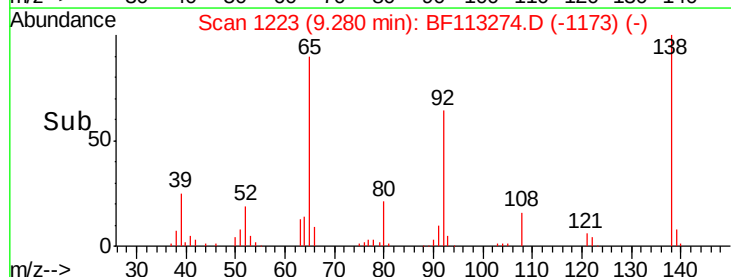
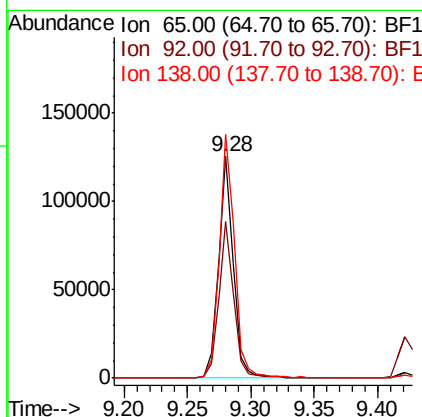
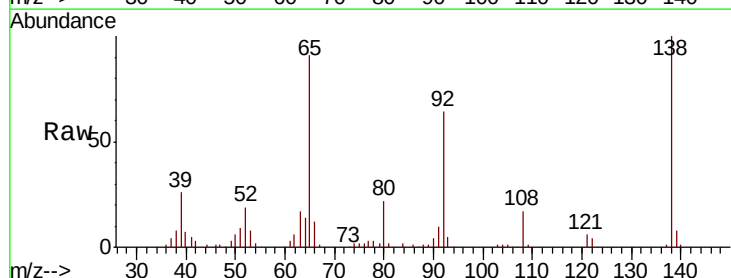
Instrument :
 BNA_F
 ClientSampled :

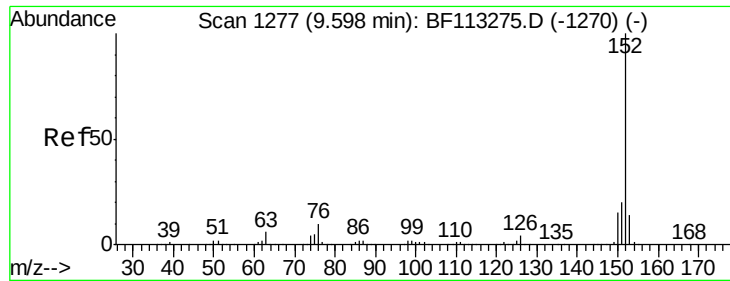
Tot Ion:162 Resp: 345619
 Ion Ratio Lower Upper
 162 100
 127 38.4 32.6 49.0
 164 32.2 26.6 39.8



#48
 2-Nitroaniline
 Concen: 21.113 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

Tgt Ion: 65 Resp: 104432
 Ion Ratio Lower Upper
 65 100
 92 70.8 56.8 85.2
 138 109.9 92.3 138.5





#49

Acenaphthylene

Concen: 21.100 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

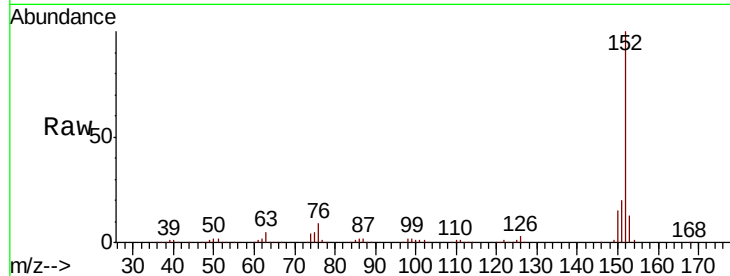
Tot Ion:152 Resp: 582907

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

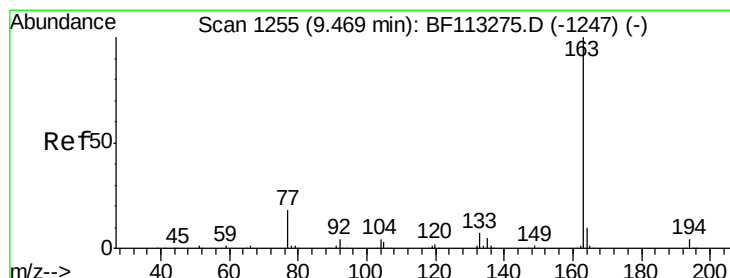
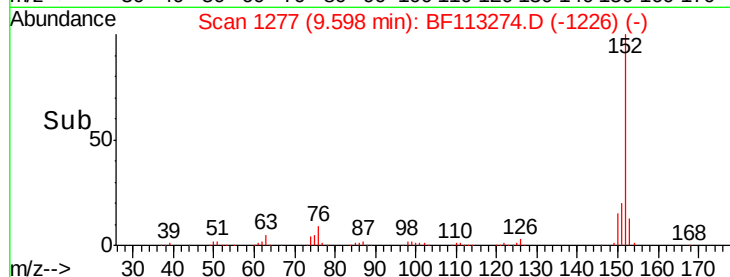
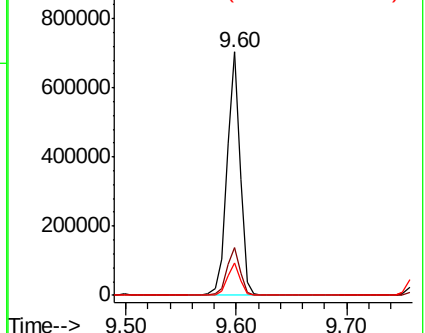
153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 21.067 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

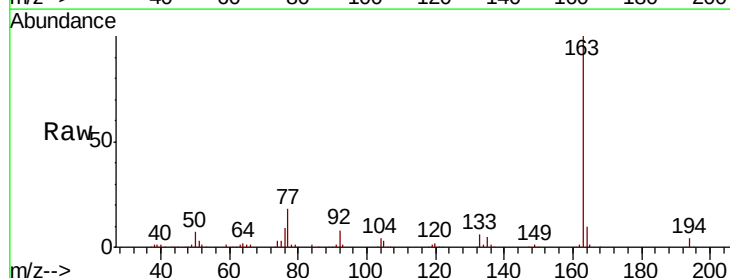
Tgt Ion:163 Resp: 396889

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

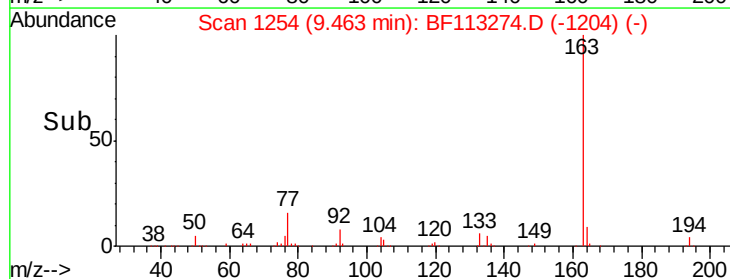
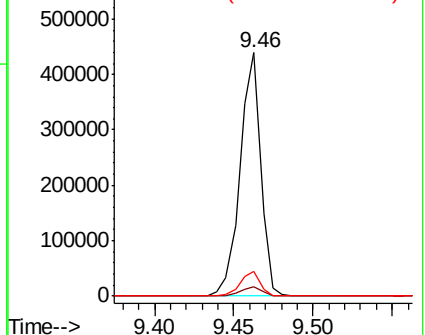
164 10.0 8.1 12.1

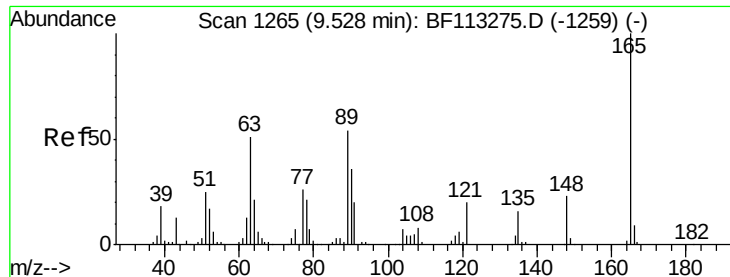


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 22.828 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

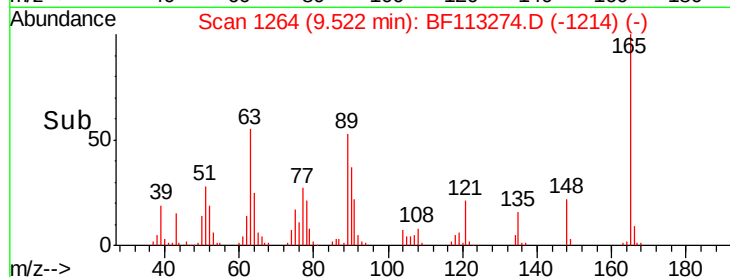
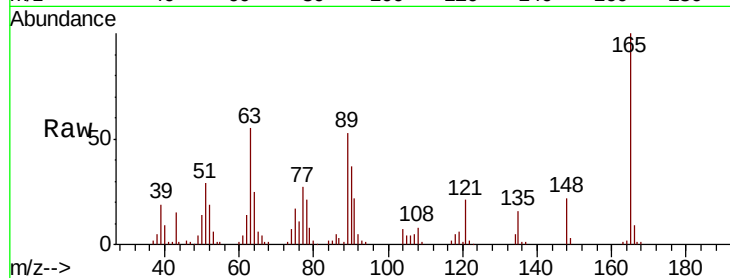
Tot Ion:165 Resp: 89557

Ion Ratio Lower Upper

165 100

63 54.8 43.4 65.0

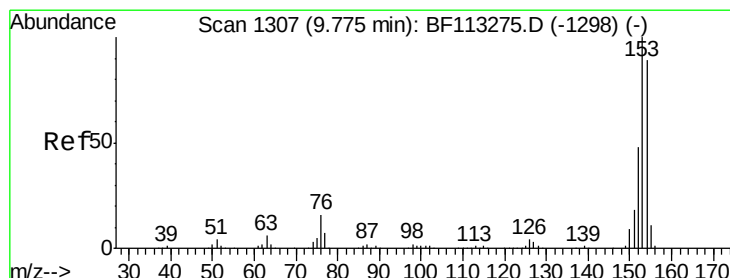
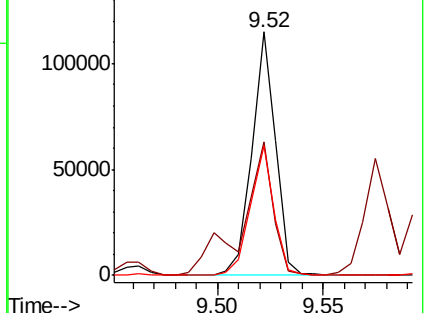
89 53.1 43.1 64.7



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: 20.169 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

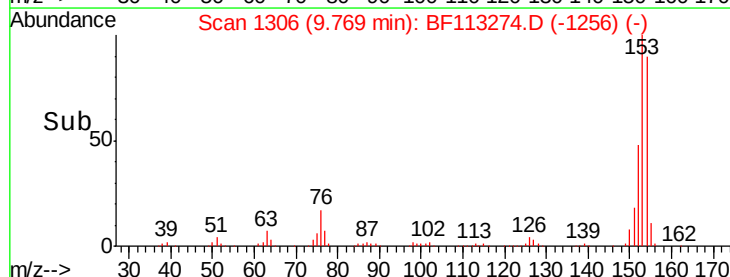
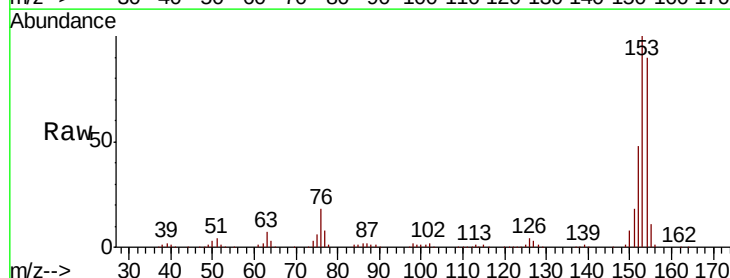
Tgt Ion:154 Resp: 325829

Ion Ratio Lower Upper

154 100

153 111.1 89.5 134.3

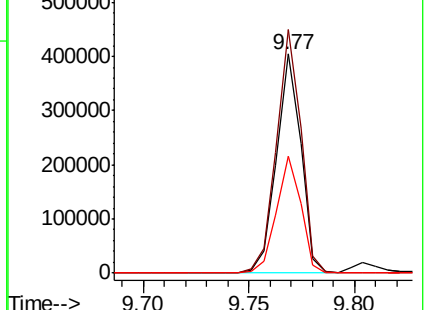
152 53.5 43.3 64.9

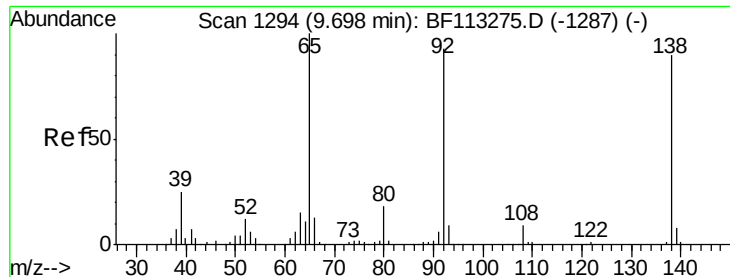


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

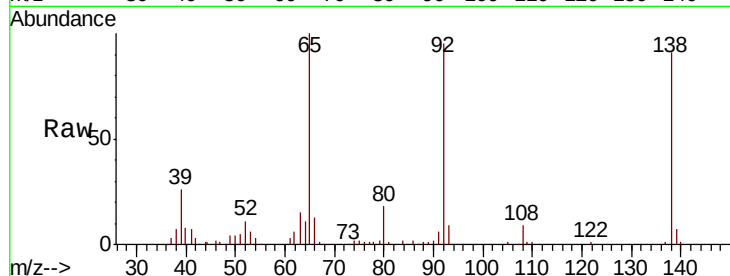




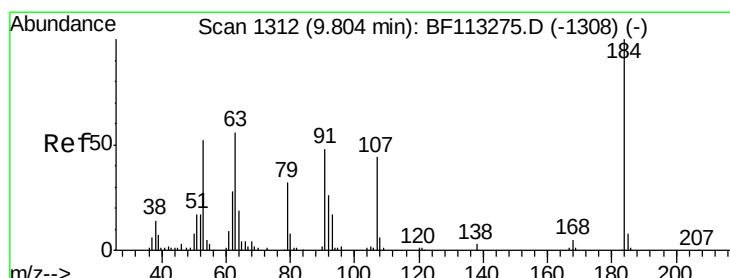
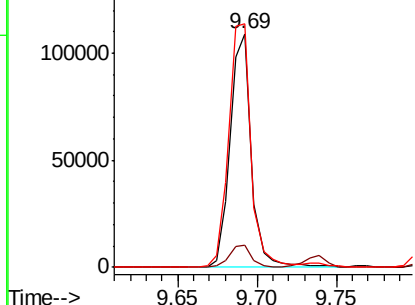
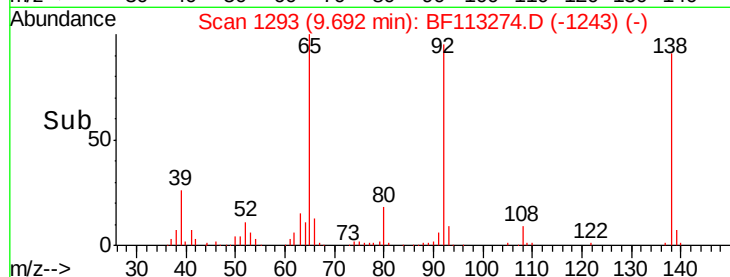
#53
3-Nitroaniline
Concen: 21.251 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101590
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 104.3 82.6 124.0

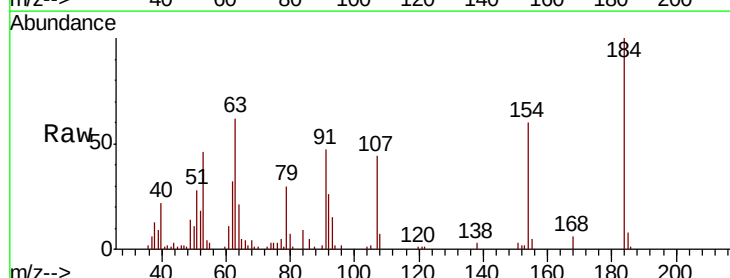


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

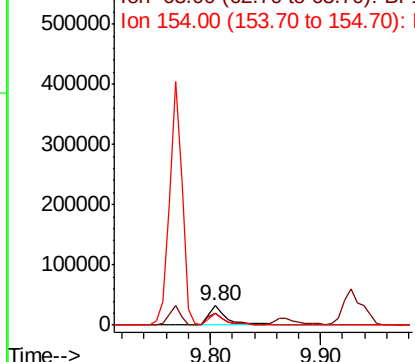
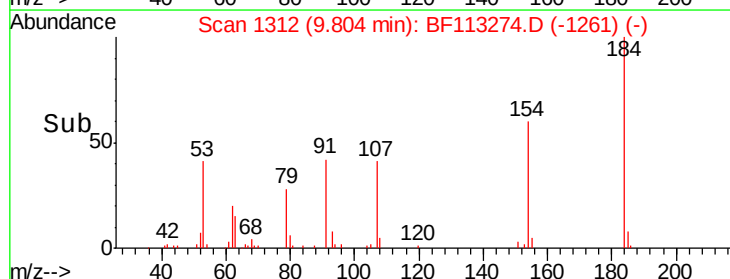


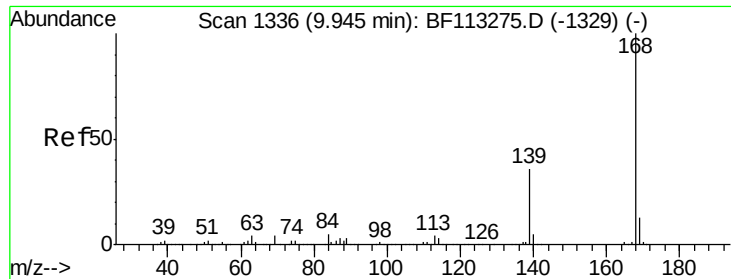
#54
2,4-Dinitrophenol
Concen: 27.450 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:184 Resp: 36651
Ion Ratio Lower Upper
184 100
63 61.8 54.3 81.5
154 59.8 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

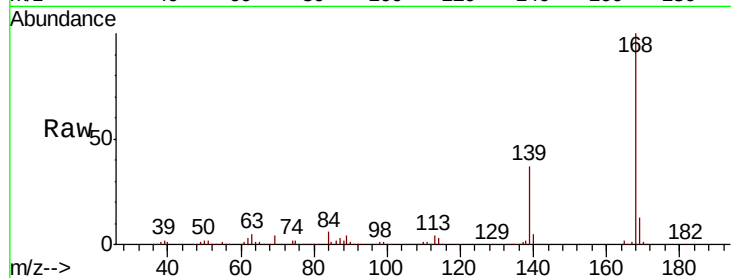




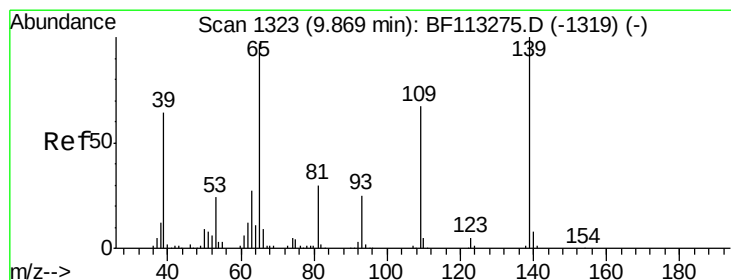
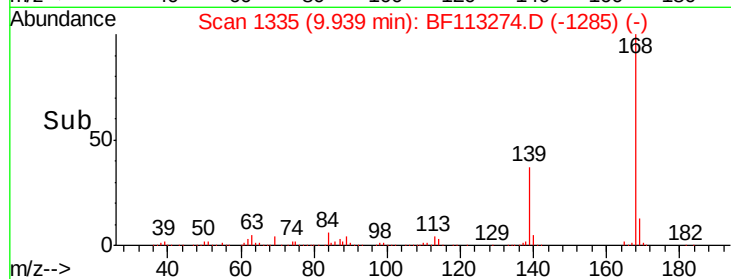
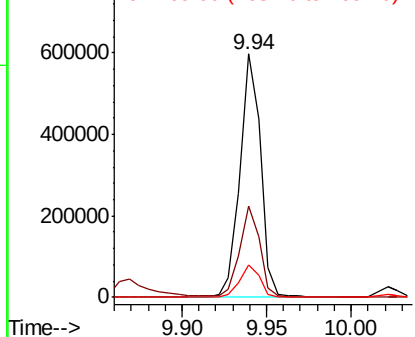
#55
Dibenzofuran
Concen: 21.648 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 508288
Ion Ratio Lower Upper
168 100
139 37.4 29.7 44.5
169 13.4 10.7 16.1

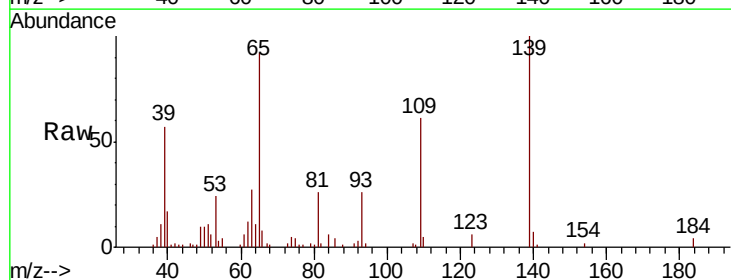


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

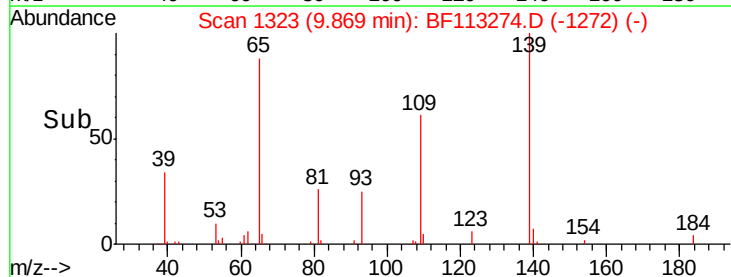
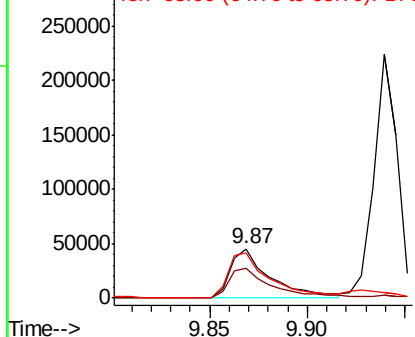


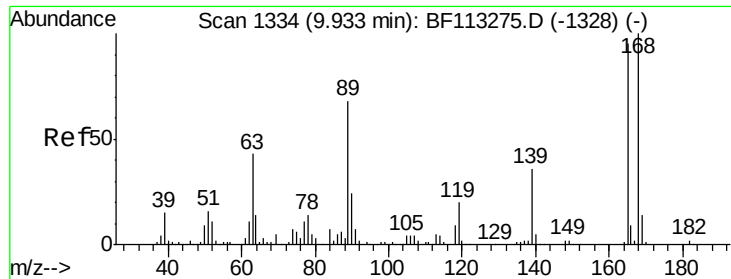
#56
4-Nitrophenol
Concen: 16.470 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:139 Resp: 63988
Ion Ratio Lower Upper
139 100
109 60.6 46.9 86.9
65 91.6 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

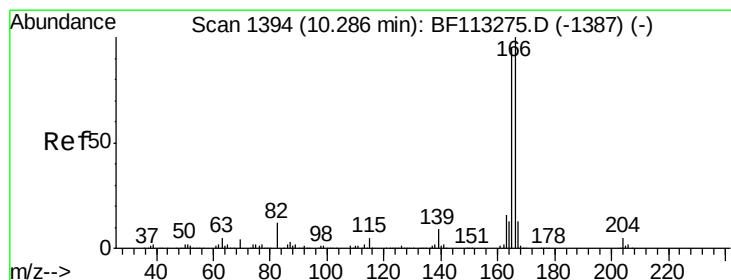
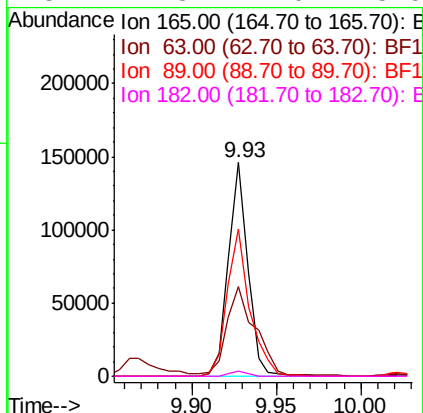
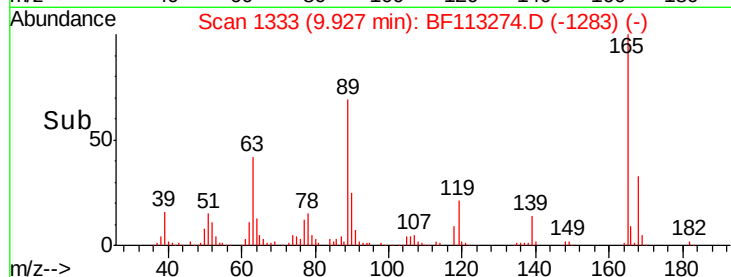
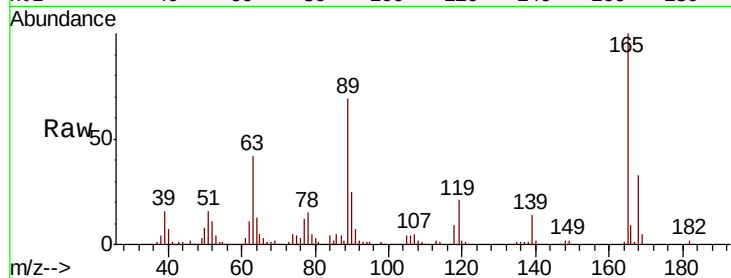




#57
 2,4-Dinitrotoluene
 Concen: 24.099 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

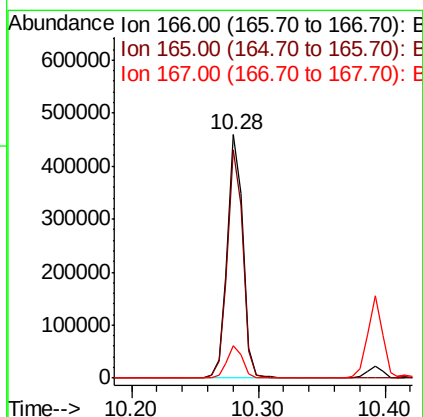
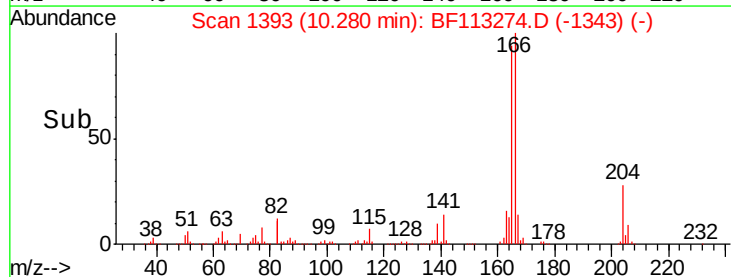
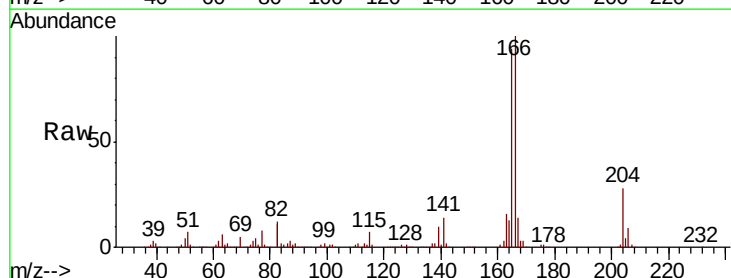
Instrument :
 BNA_F
 ClientSampleId :

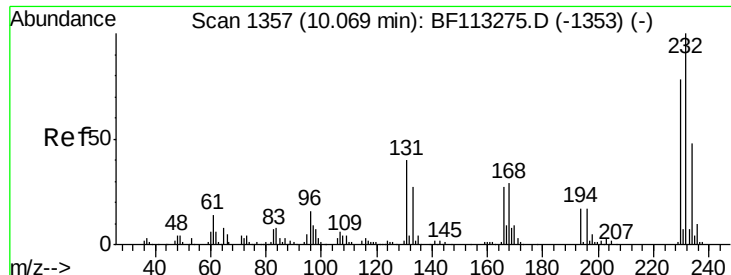
Tot Ion:165	Resp:	117523
Ion Ratio	Lower	Upper
165	100	
63	41.8	37.5 56.3
89	68.9	57.4 86.2
182	2.3	2.0 3.0



#58
 Fluorene
 Concen: 23.448 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

Tgt Ion:166	Resp:	390769
Ion Ratio	Lower	Upper
166	100	
165	93.9	76.2 114.2
167	13.5	10.7 16.1

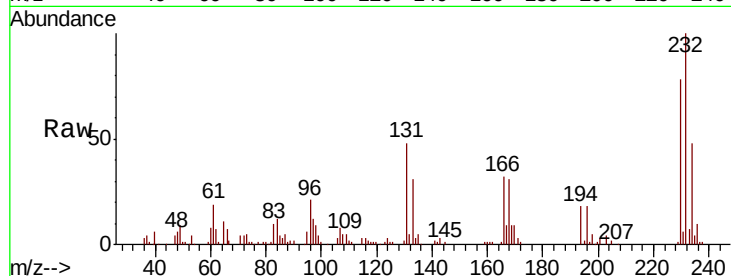




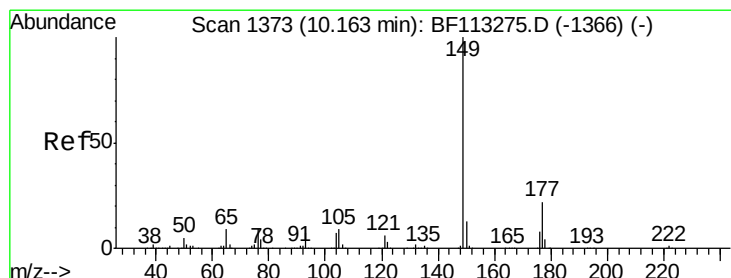
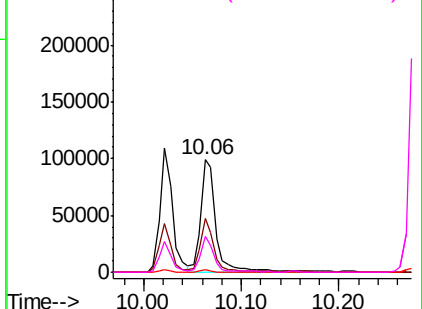
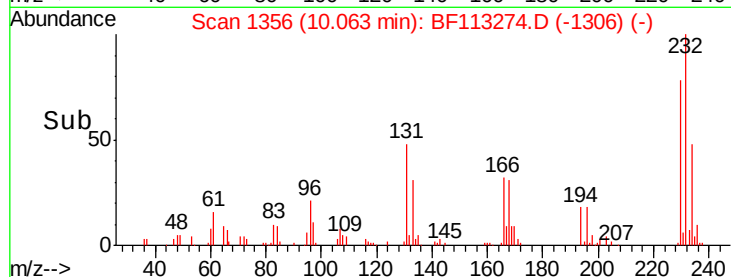
#59
2,3,4,6-Tetrachlorophenol
Concen: 22.908 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 105784
Ion Ratio Lower Upper
232 100
131 43.8 33.2 49.8
130 1.8 1.6 2.4
166 28.1 21.0 31.6

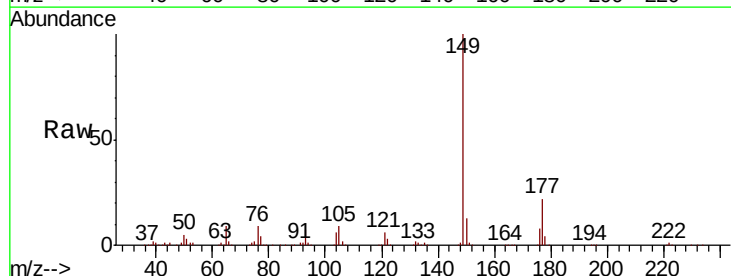


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

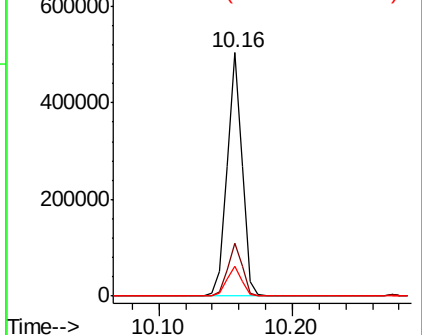
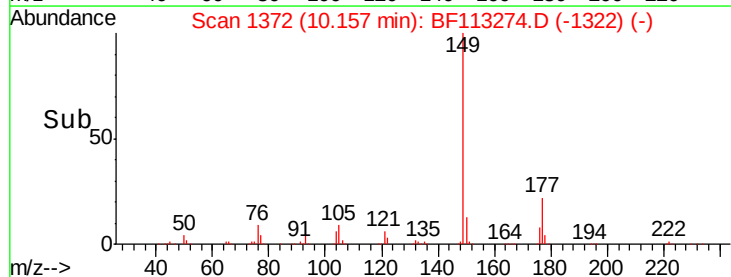


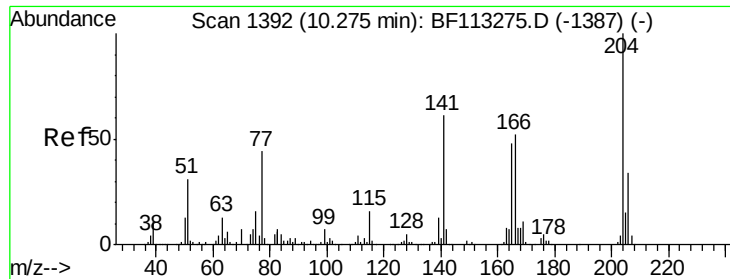
#60
Diethylphthalate
Concen: 20.199 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:149 Resp: 401914
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.5 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

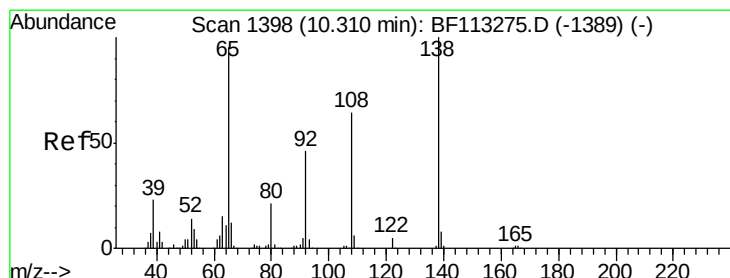
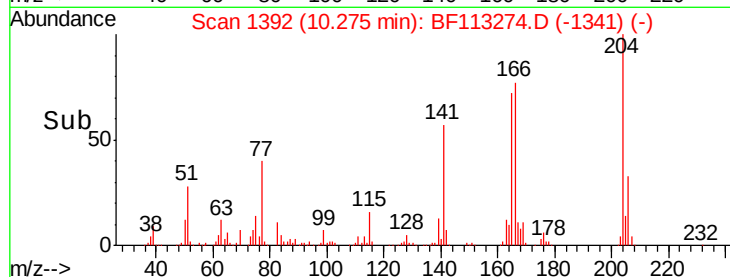
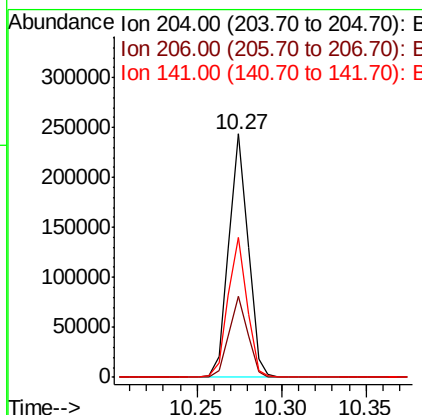
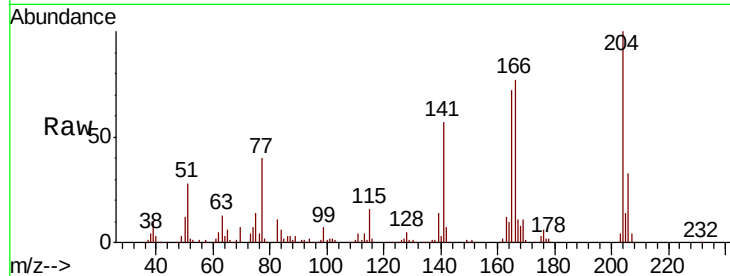




#61
4-Chlorophenyl-phenylether
Concen: 24.946 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

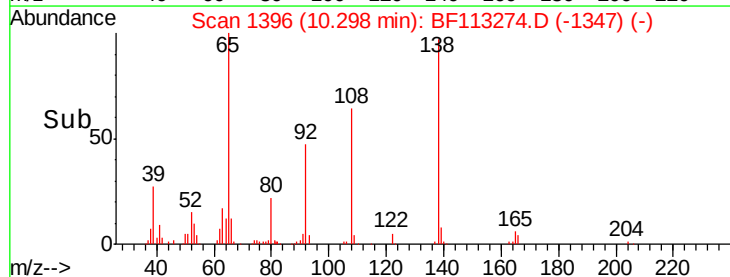
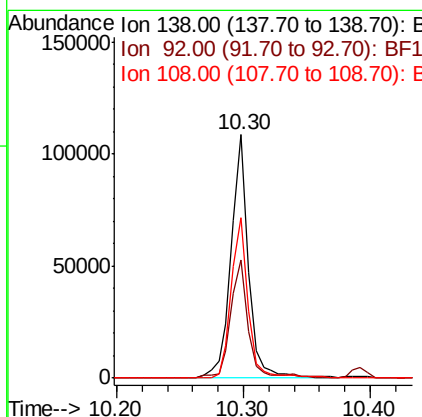
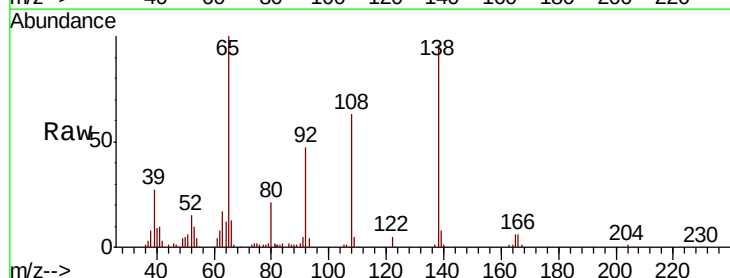
Instrument :
BNA_F
ClientSampled :

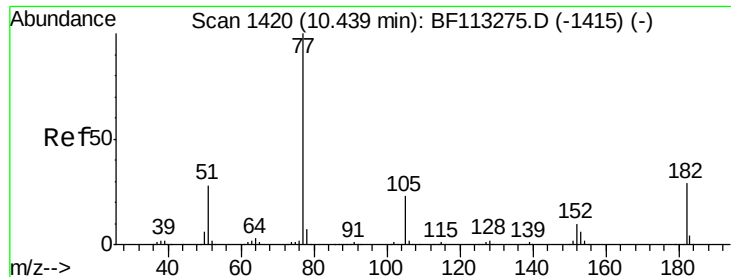
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	57.3	48.8	73.2



#62
4-Nitroaniline
Concen: 23.343 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	25.8	65.8
108	66.0	44.0	84.0

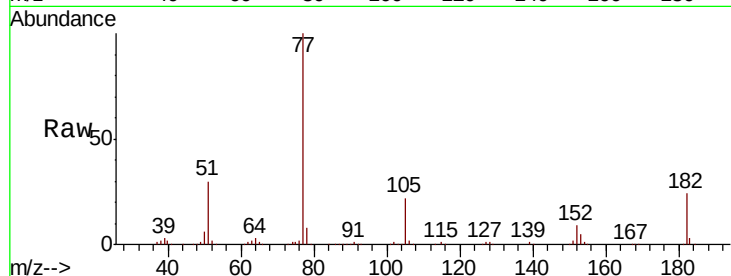




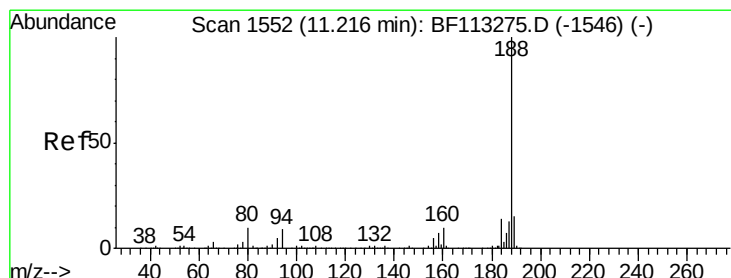
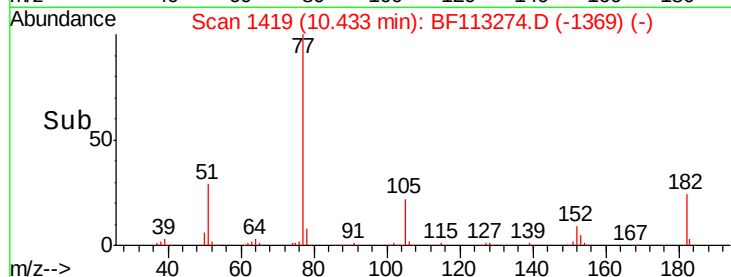
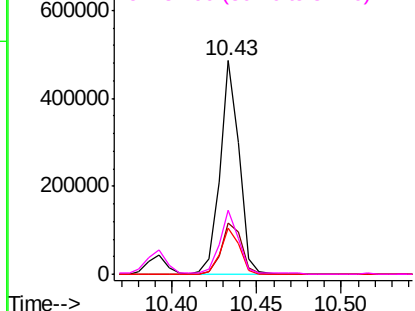
#63
Azobenzene
Concen: 18.660 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 380293
Ion Ratio Lower Upper
77 100
182 24.0 8.7 48.7
105 21.8 2.9 42.9
51 29.8 8.8 48.8

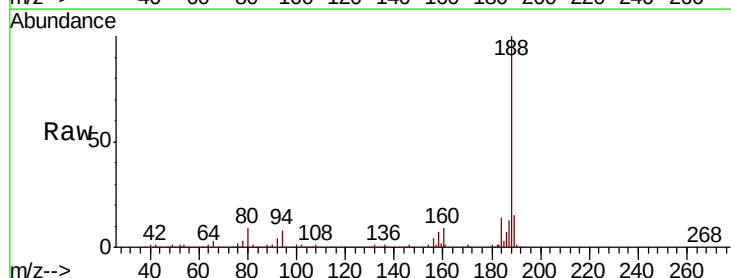


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

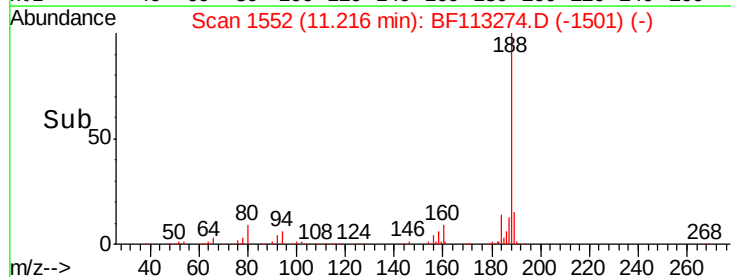
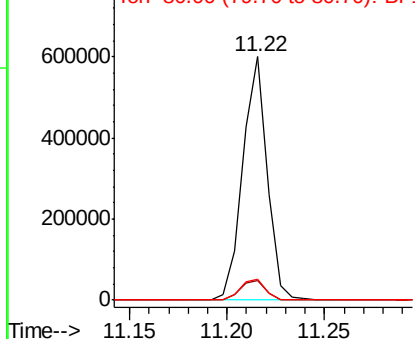


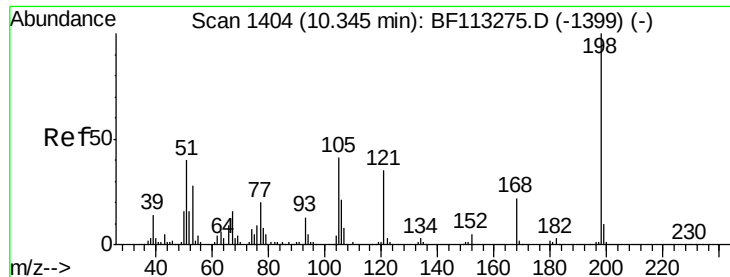
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion: 188 Resp: 521533
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

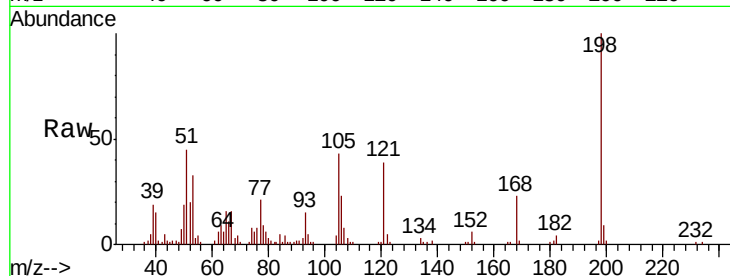




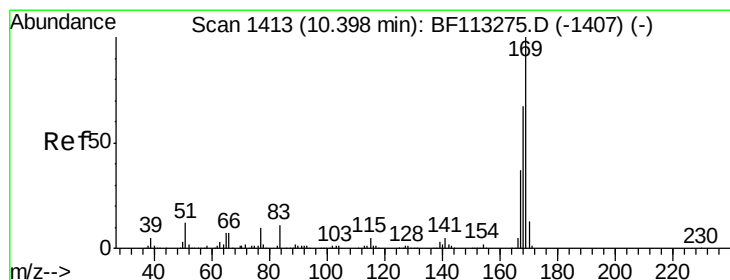
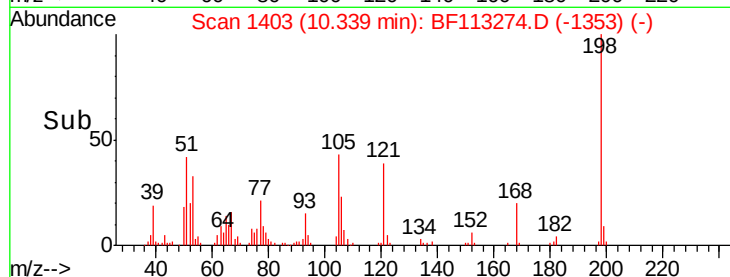
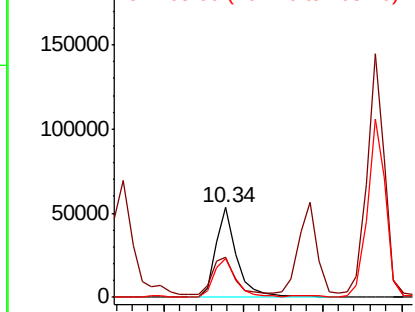
#65
4,6-Dinitro-2-methylphenol
Concen: 25.809 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 50251
Ion Ratio Lower Upper
198 100
51 44.6 21.6 61.6
105 42.7 20.6 60.6

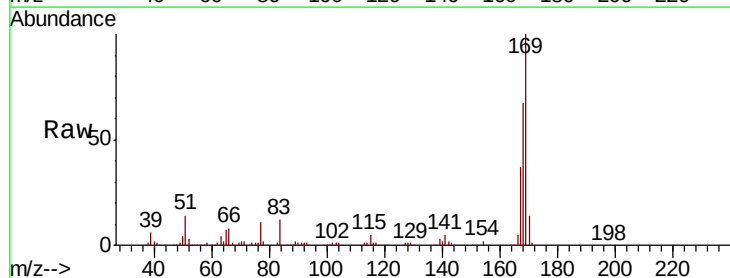


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

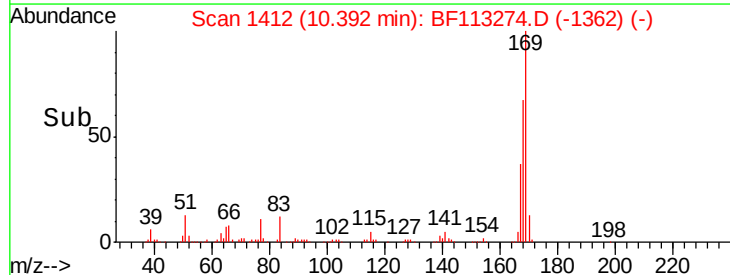
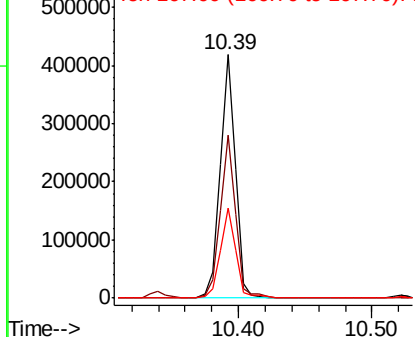


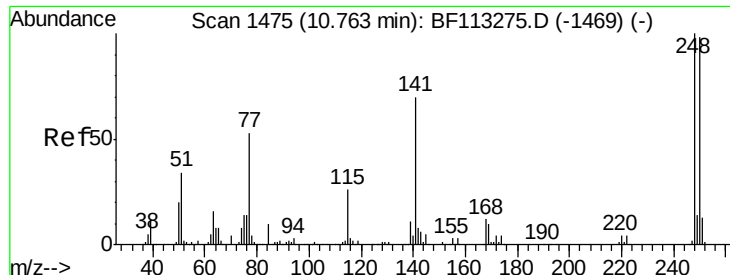
#66
n-Nitrosodiphenylamine
Concen: 20.180 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:169 Resp: 337527
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 37.0 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

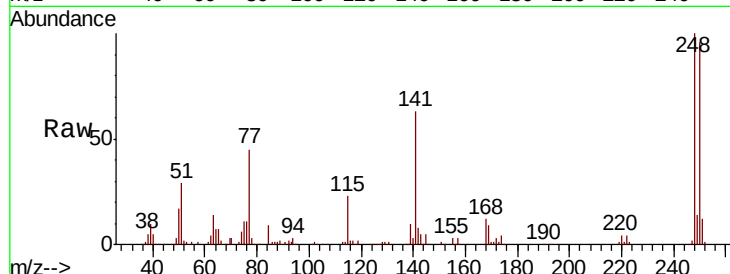




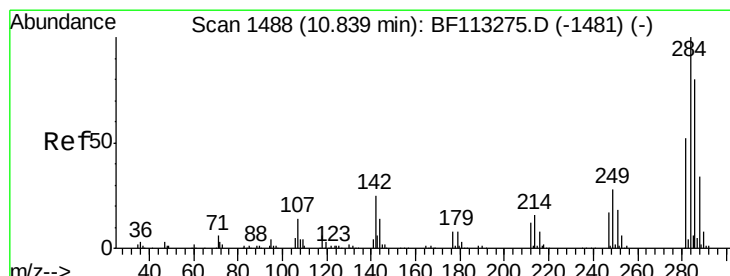
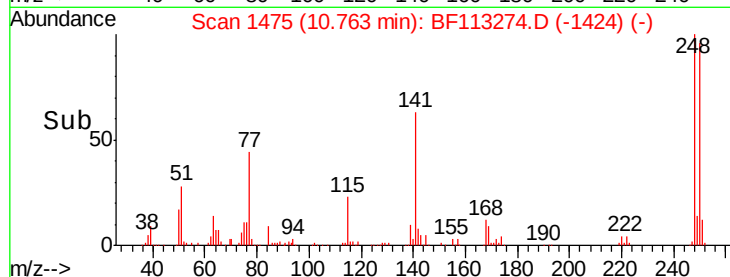
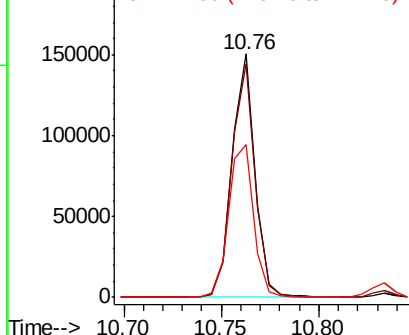
#67
4-Bromophenyl-phenylether
Concen: 22.336 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 122697
Ion Ratio Lower Upper
248 100
250 95.9 78.3 117.5
141 62.7 56.2 84.4

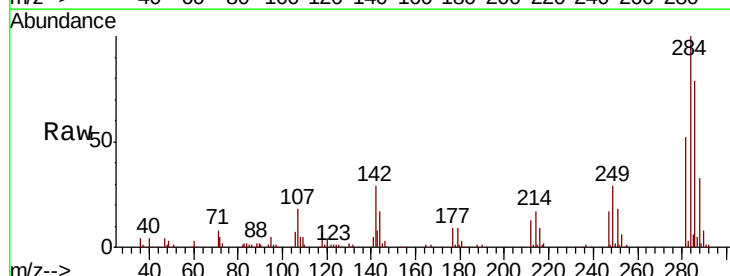


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

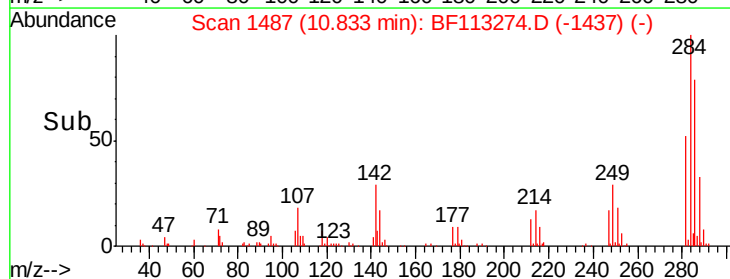
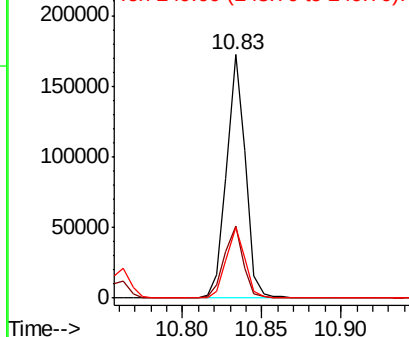


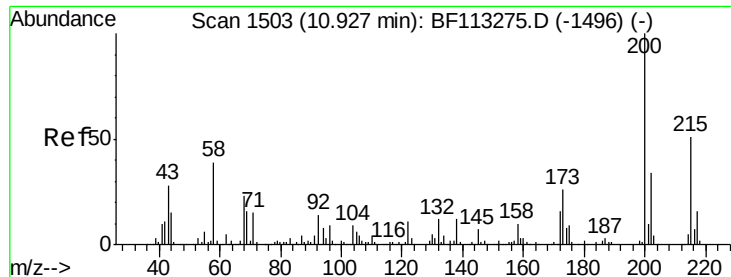
#68
Hexachlorobenzene
Concen: 22.951 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:284 Resp: 142119
Ion Ratio Lower Upper
284 100
142 29.4 20.1 30.1
249 29.1 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: 21.386 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

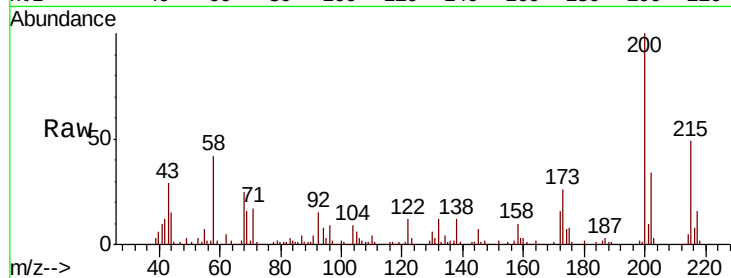
Tot Ion:200 Resp: 109555

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

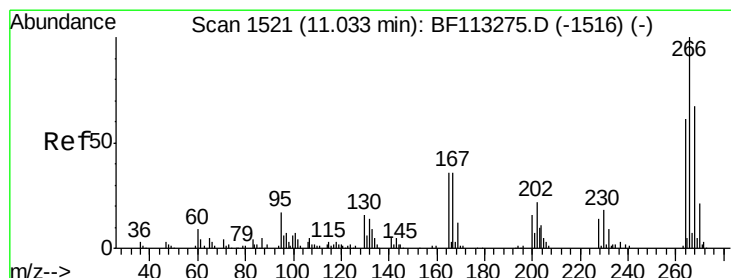
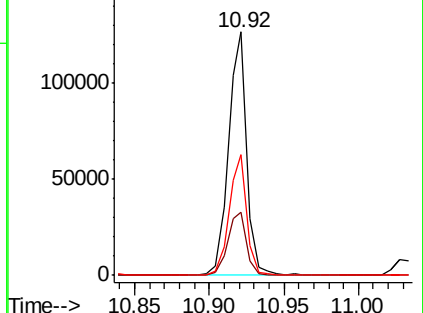
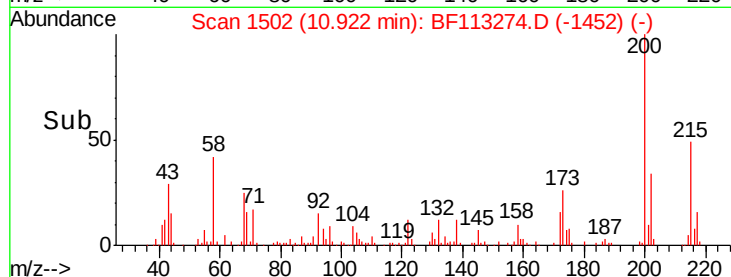
215 49.5 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 17.994 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

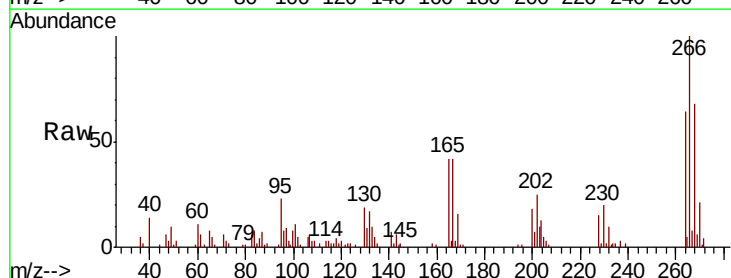
Tgt Ion:266 Resp: 65584

Ion Ratio Lower Upper

266 100

268 73.8 53.8 80.6

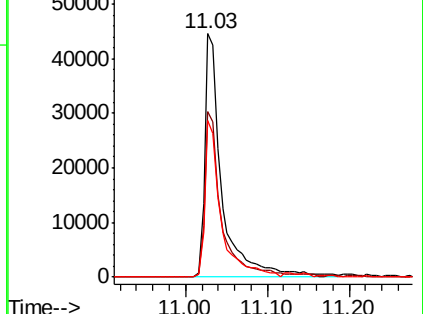
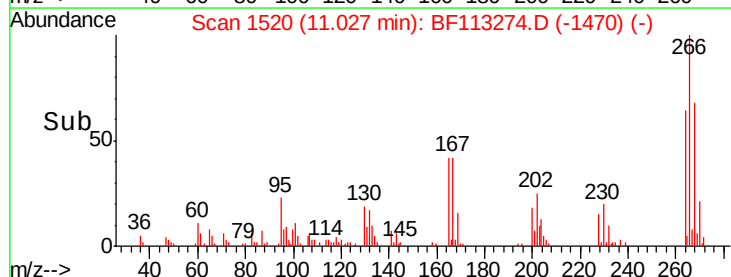
264 64.1 49.2 73.8

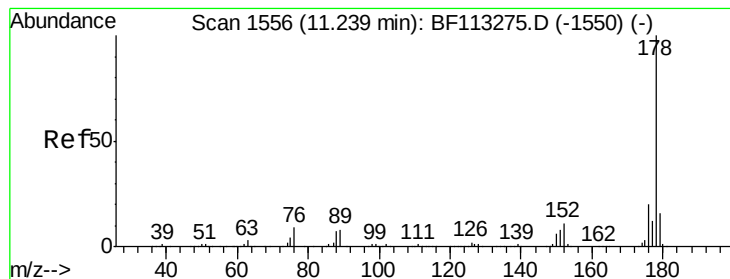


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 21.984 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

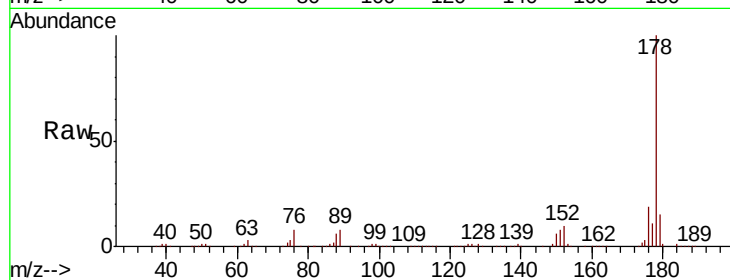
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 570451

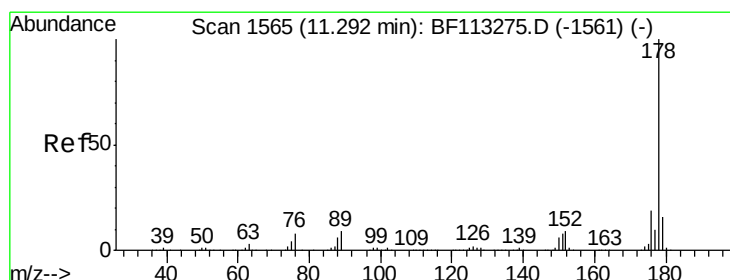
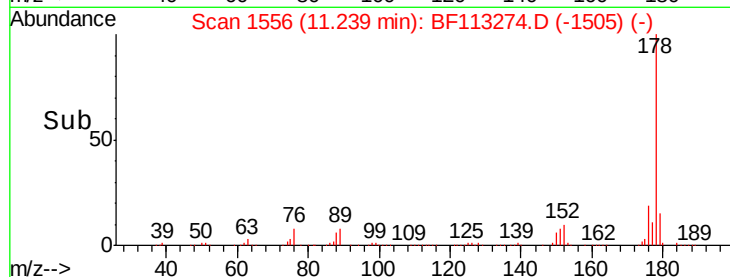
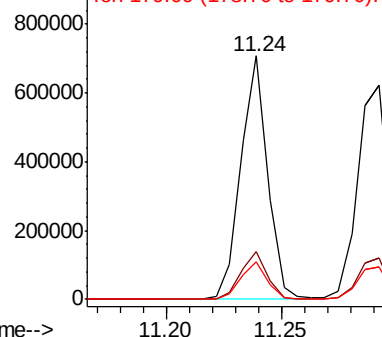
Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.2
179	15.5	12.7	19.1



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: 21.645 ng

RT: 11.29 min Scan# 1565

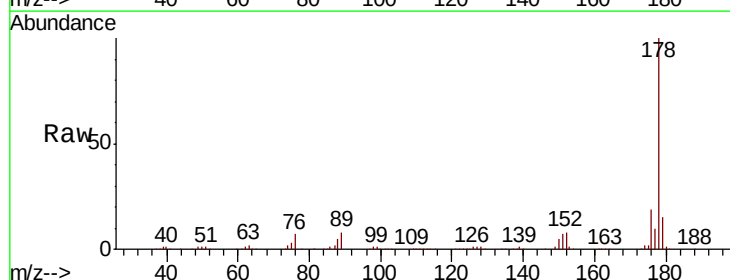
Delta R.T. -0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Tgt Ion:178 Resp: 587940

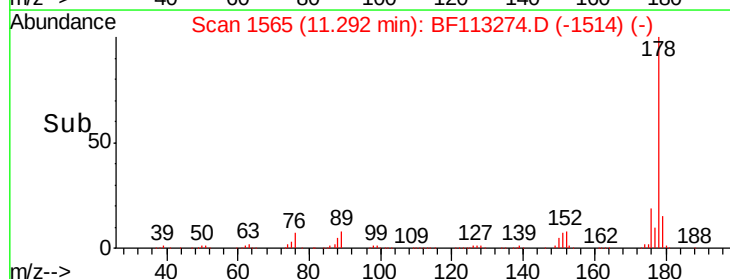
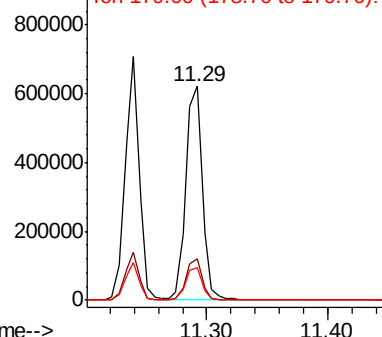
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.8	19.2

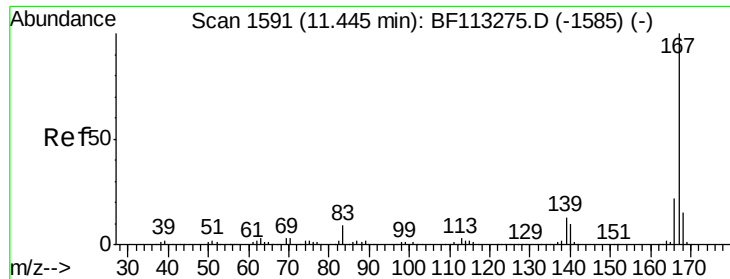


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

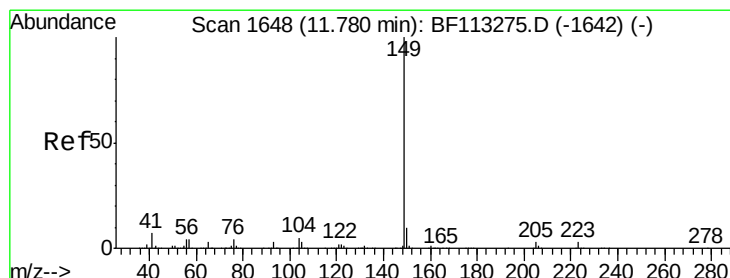
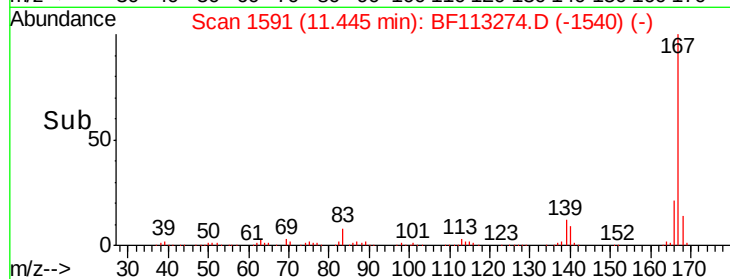
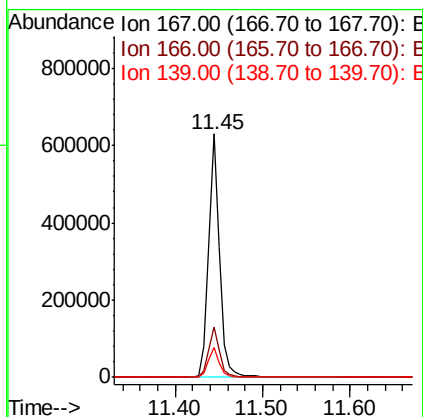
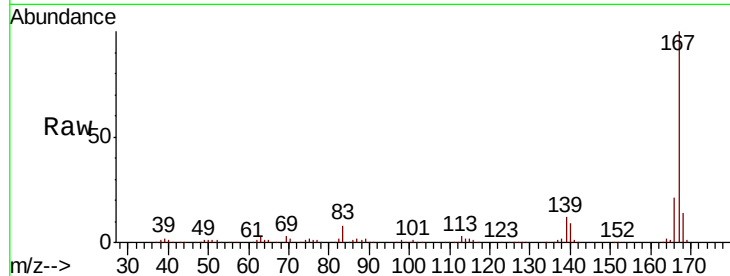




#73
 Carbazole
 Concen: 20.868 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

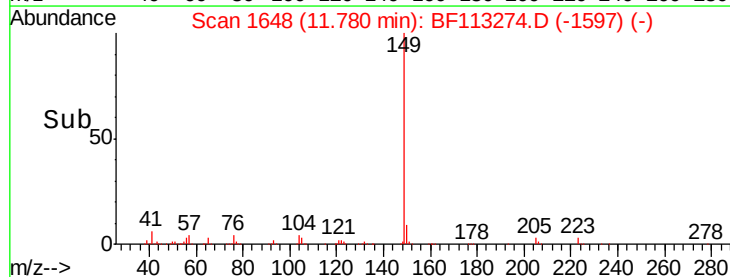
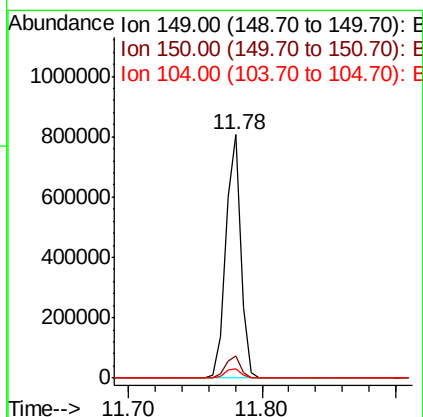
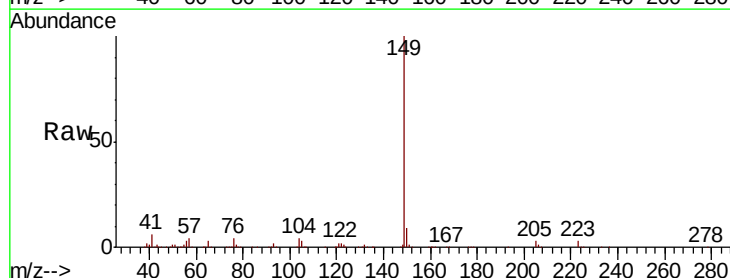
Instrument :
 BNA_F
 ClientSampleId :

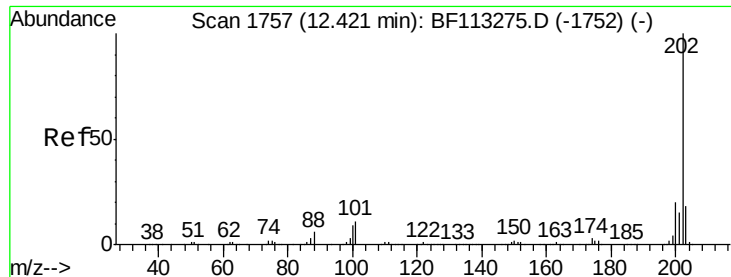
Tot Ion:167 Resp: 552939
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 12.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 20.185 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113274.D
 Acq: 25 Mar 2019 12:06

Tgt Ion:149 Resp: 641312
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.1 3.7 5.5





#75

Fluoranthene

Concen: 22.889 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

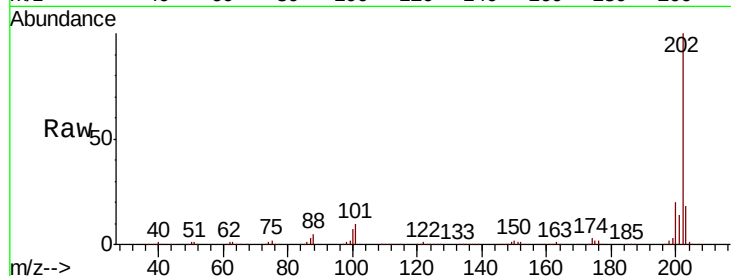
Tot Ion:202 Resp: 636315

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.4

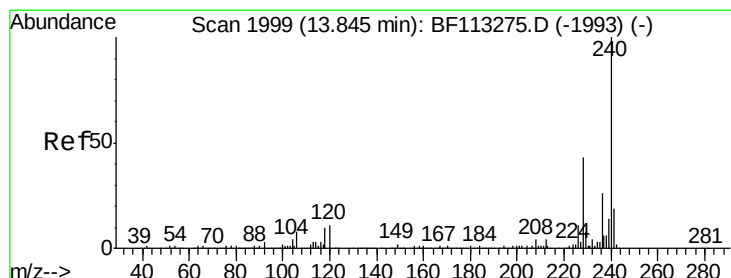
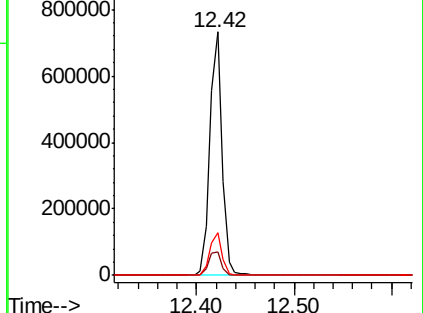
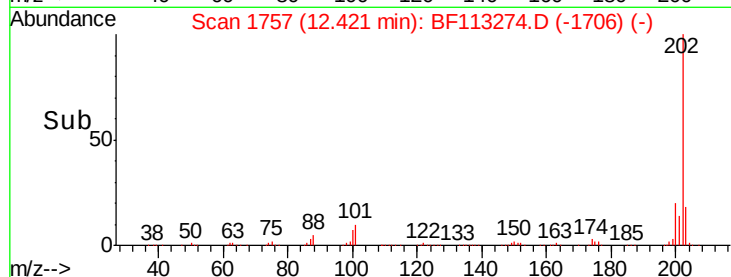
203 17.6 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

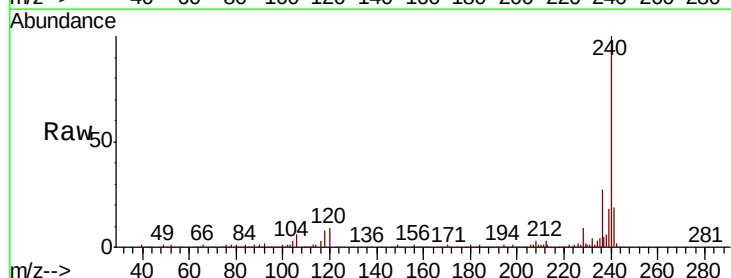
Tgt Ion:240 Resp: 447340

Ion Ratio Lower Upper

240 100

120 9.2 8.8 13.2

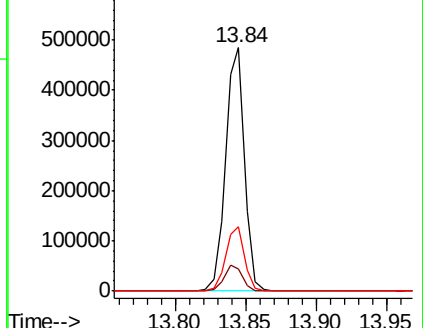
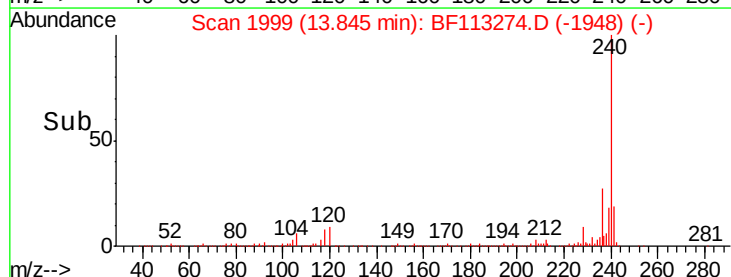
236 26.6 20.9 31.3

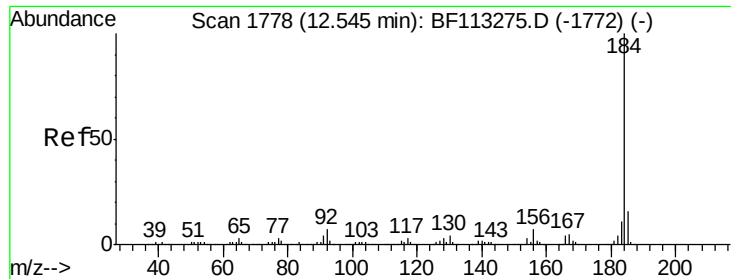


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

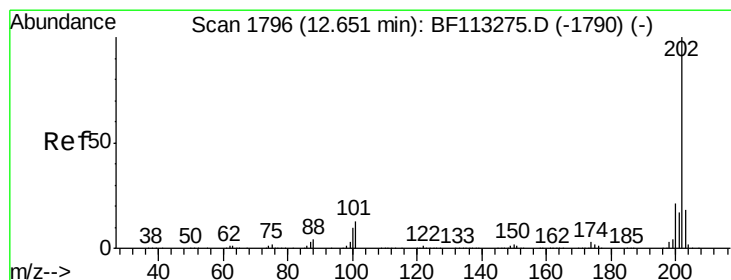
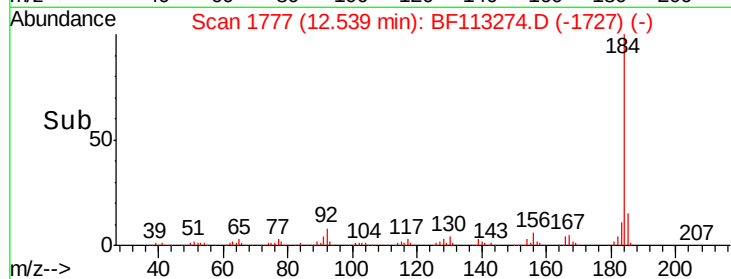
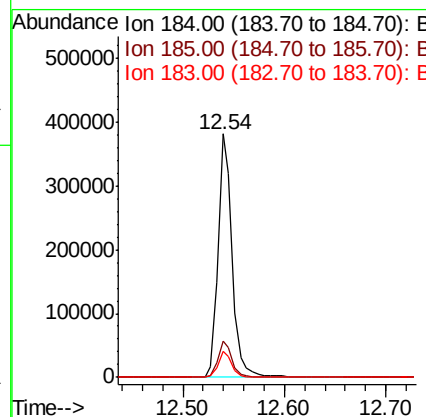
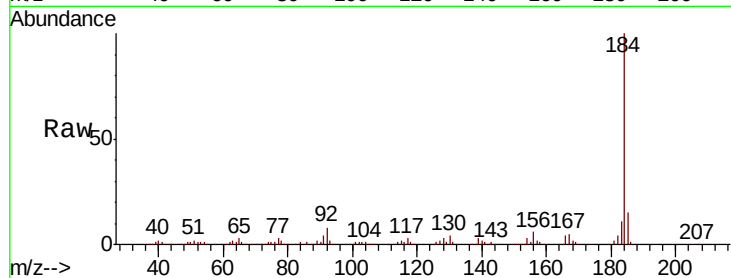




#77
Benzidine
Concen: 15.944 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

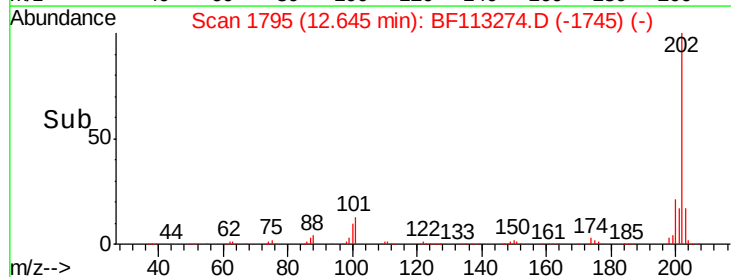
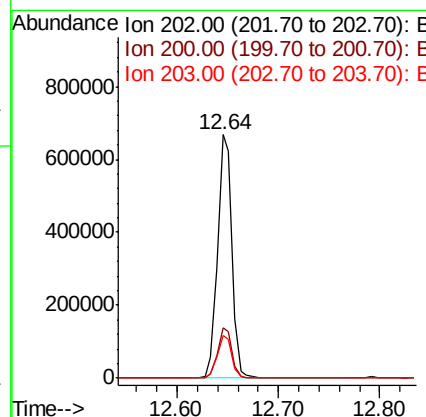
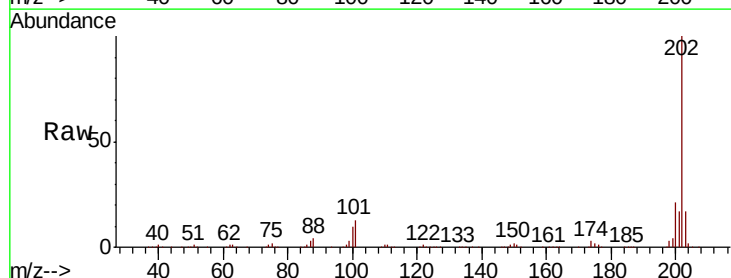
Instrument :
BNA_F
ClientSampled :

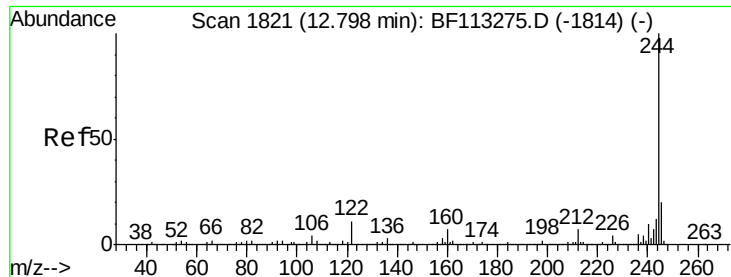
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	10.5	9.0	13.4



#78
Pyrene
Concen: 17.372 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.4	14.4	21.6





#79

Terphenyl-d14

Concen: 39.672 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

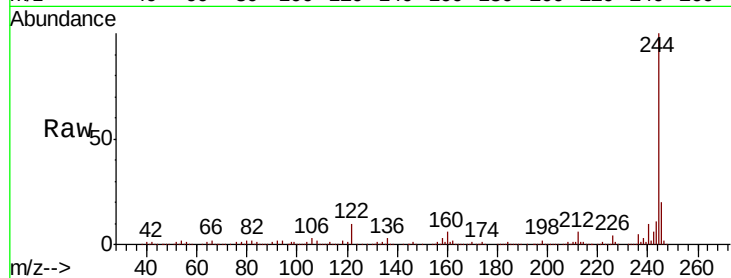
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 915490

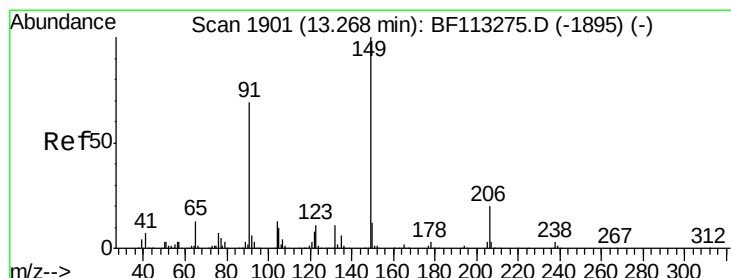
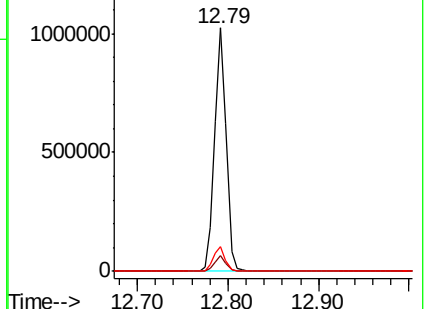
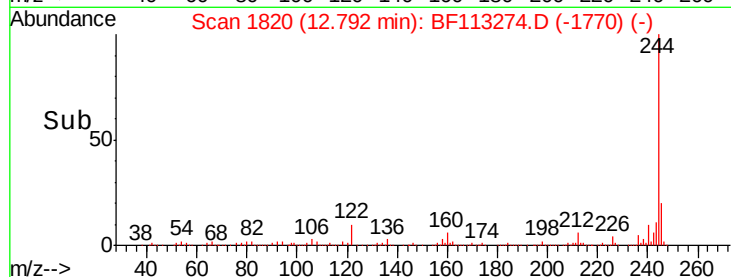
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.3	8.6	13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 16.211 ng

RT: 13.27 min Scan# 1901

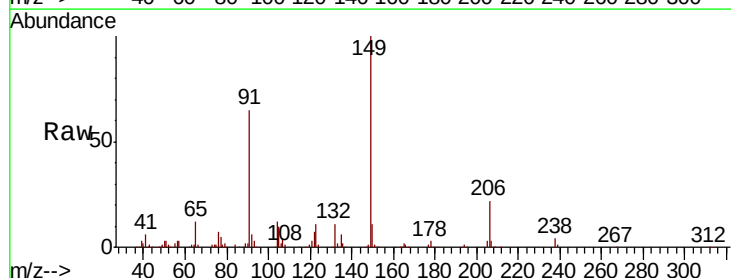
Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Tgt Ion:149 Resp: 269845

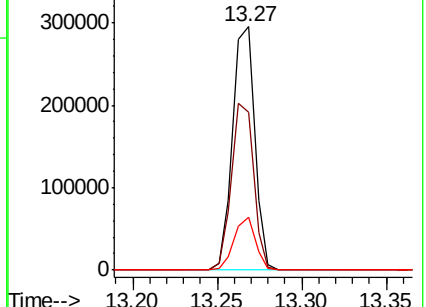
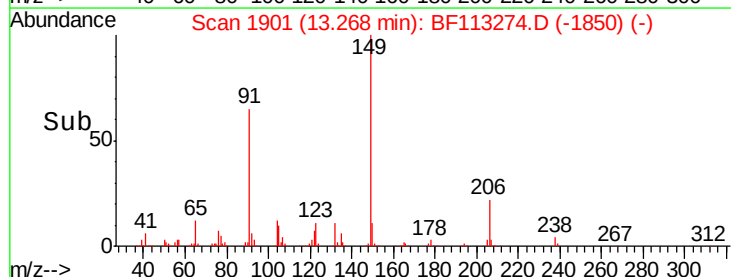
Ion	Ratio	Lower	Upper
149	100		
91	64.9	55.2	82.8
206	21.7	16.1	24.1

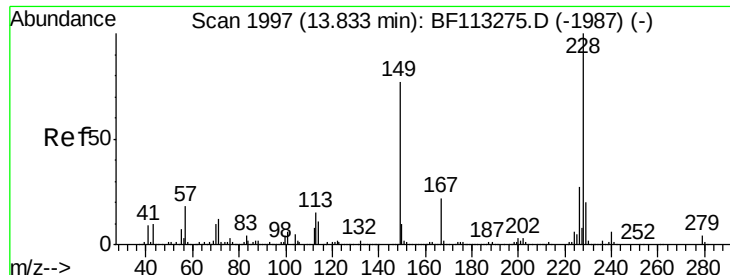


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 17.861 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampled :

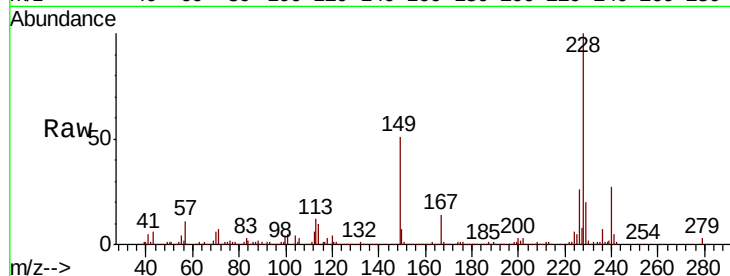
Tot Ion:228 Resp: 553754

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

229 19.5 16.2 24.4

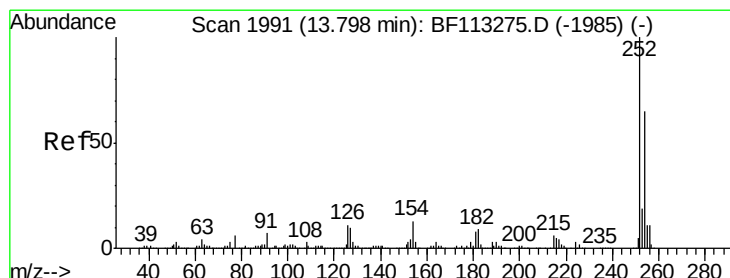
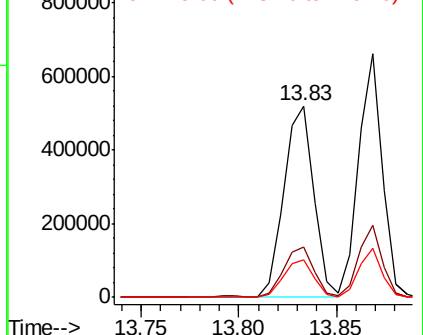
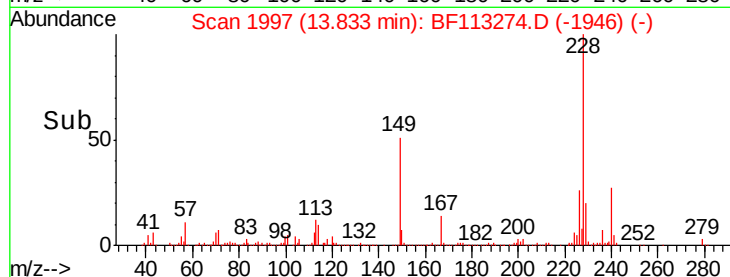


Abundance

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: 19.565 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

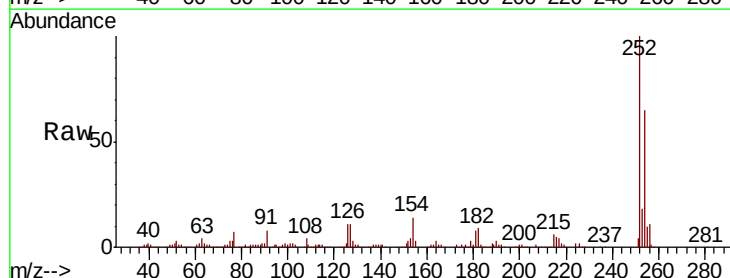
Tgt Ion:252 Resp: 229414

Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.2

126 10.9 8.5 12.7

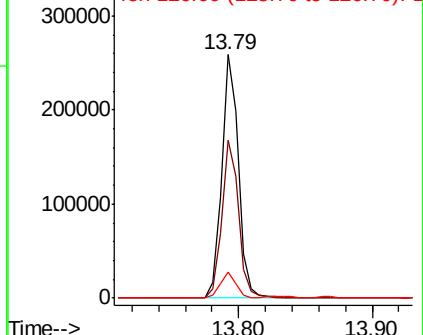
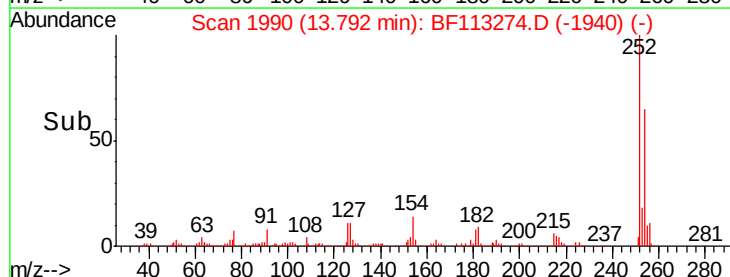


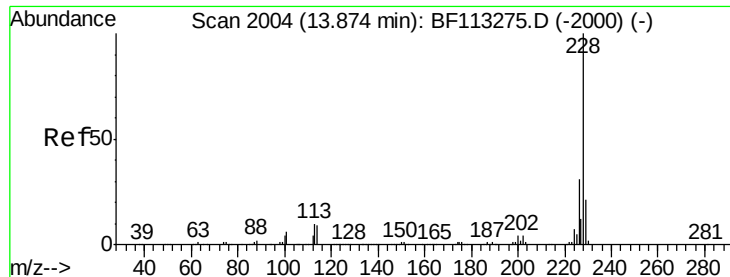
Abundance

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

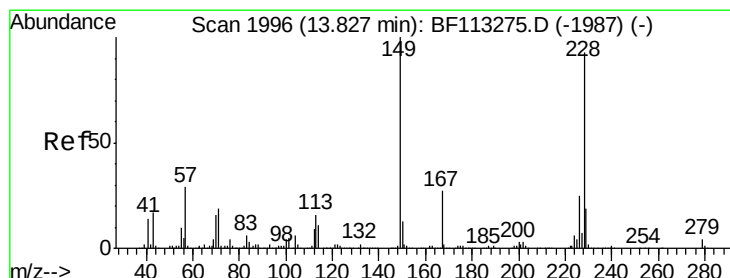
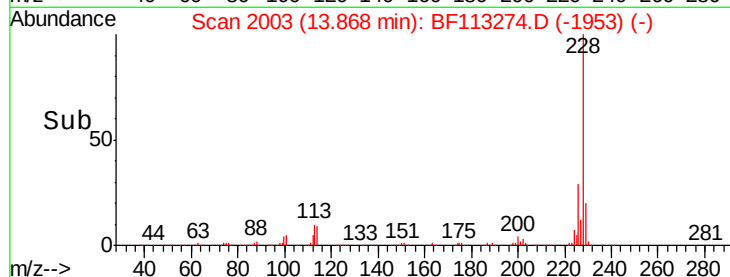
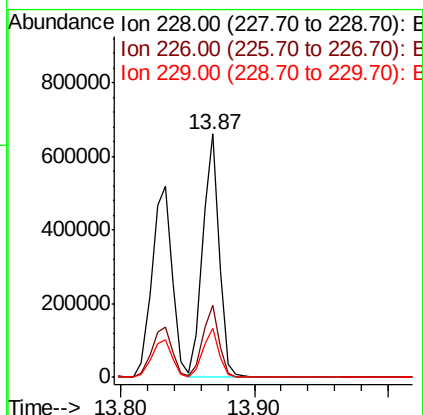
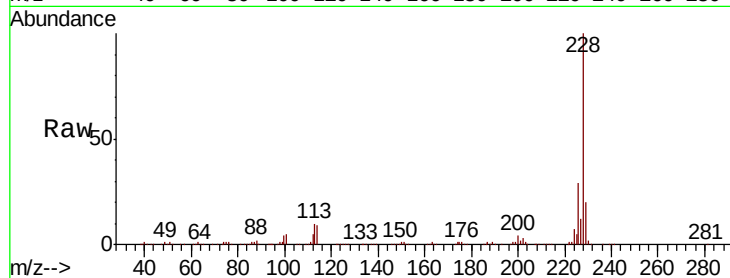




#83
Chrysene
Concen: 18.329 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

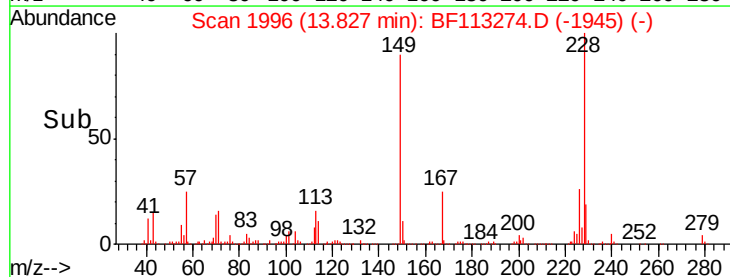
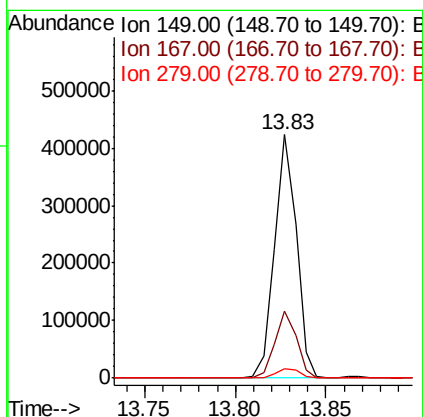
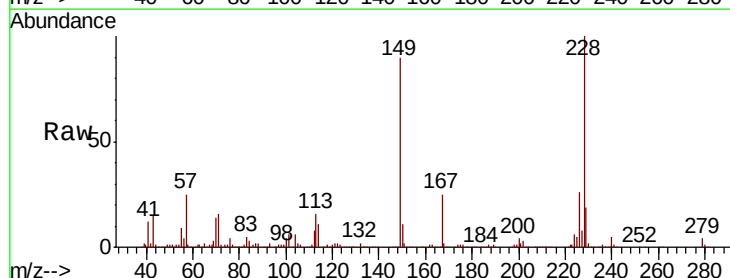
Instrument :
BNA_F
ClientSampleId :

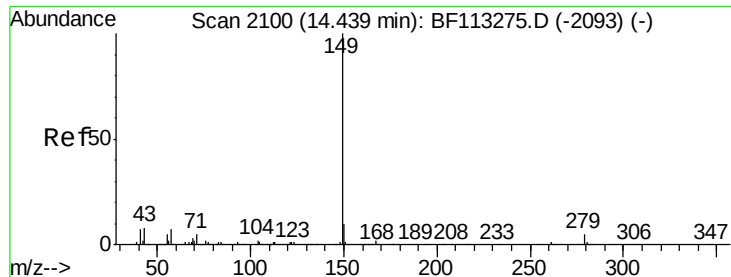
Tot Ion:228 Resp: 556644
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 20.0 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.226 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion:149 Resp: 355872
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.8
279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 17.865 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

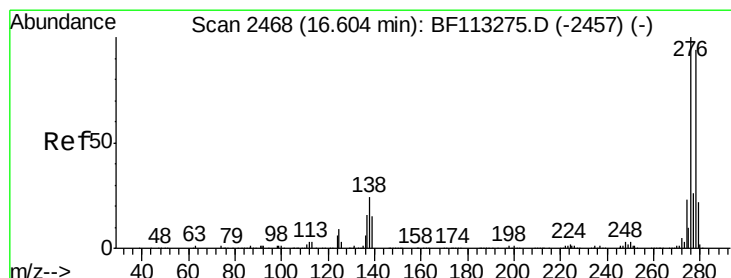
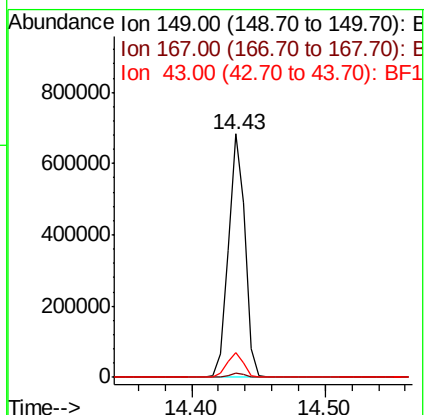
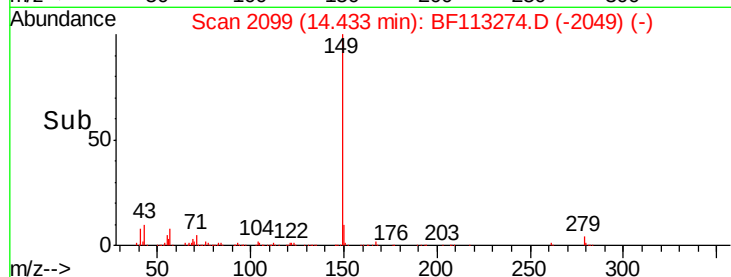
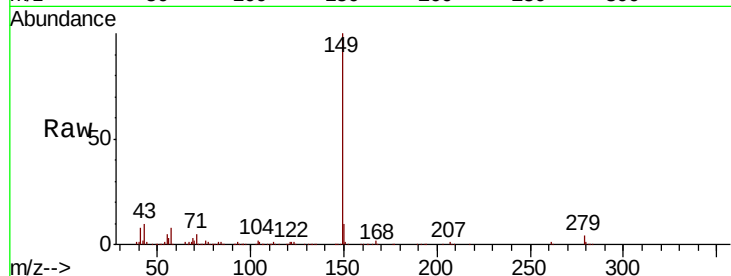
Tot Ion:149 Resp: 598954

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.9 7.7 11.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.058 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

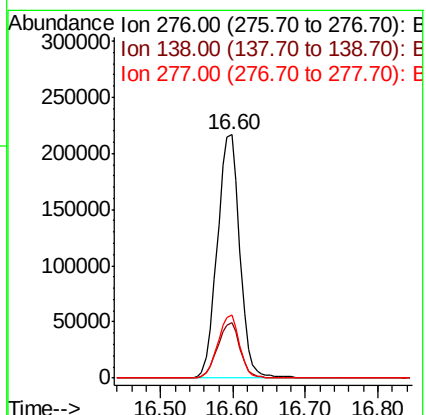
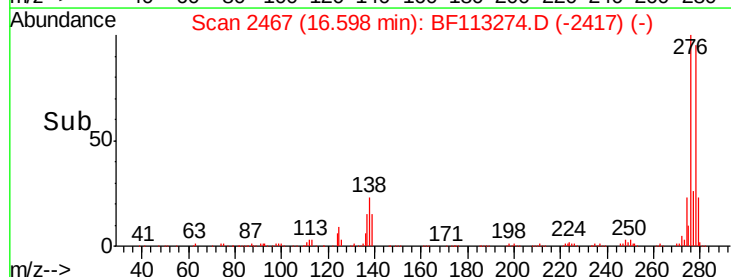
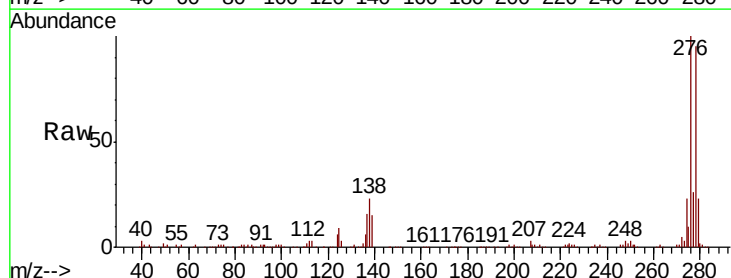
Tgt Ion:276 Resp: 467542

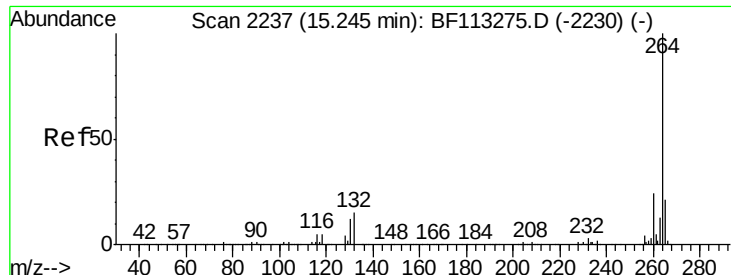
Ion Ratio Lower Upper

276 100

138 22.8 18.1 27.1

277 24.9 20.2 30.4

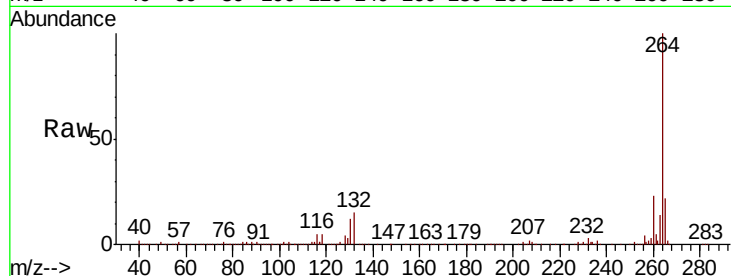




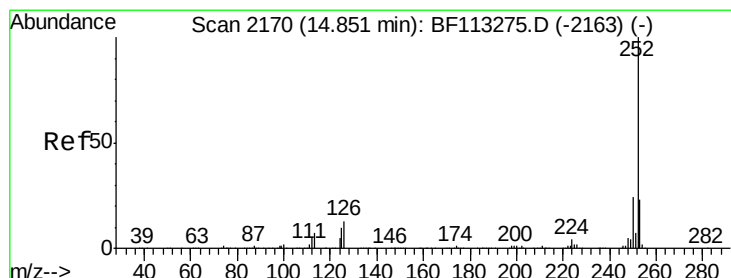
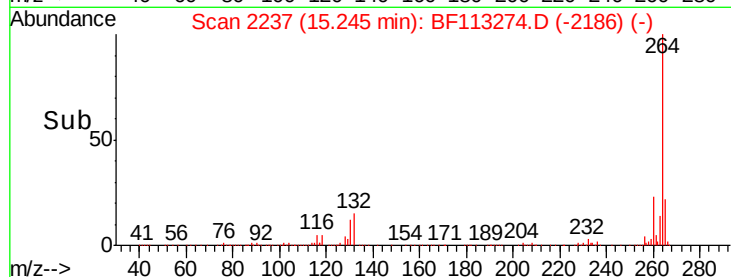
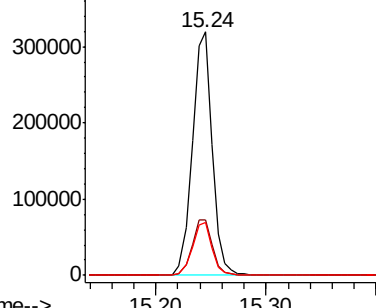
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.6	17.1	25.7

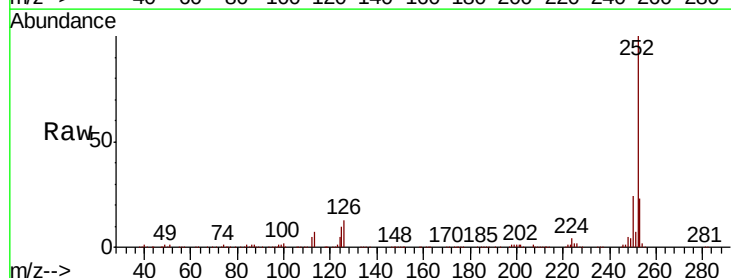


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

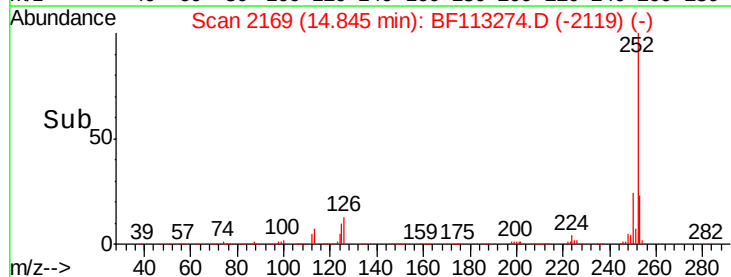
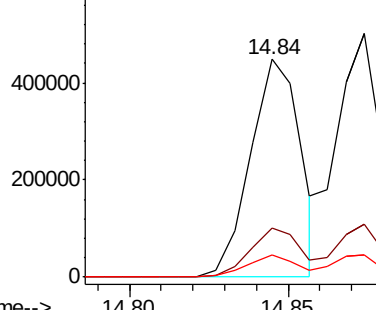


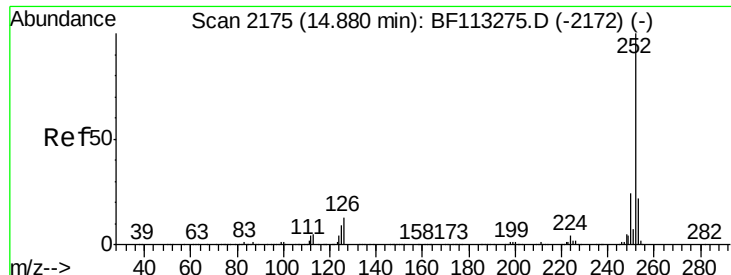
#88
Benzo(b)fluoranthene
Concen: 19.124 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.1	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

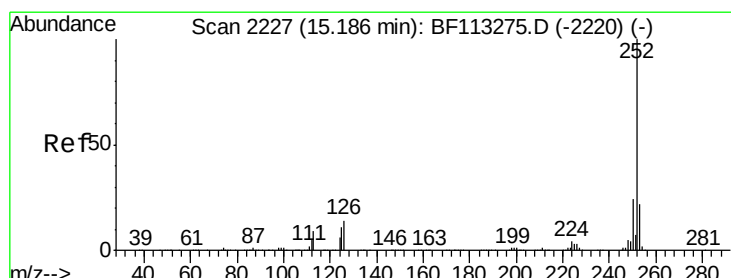
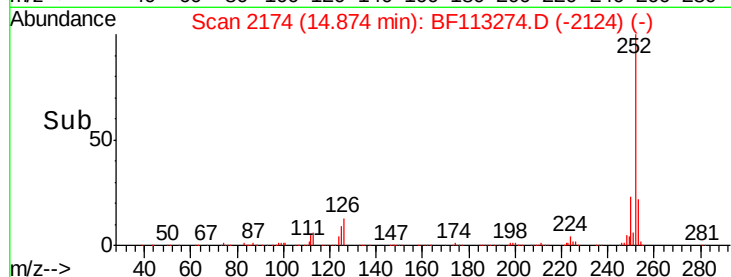
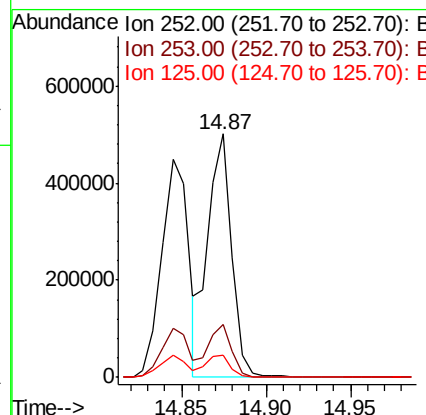
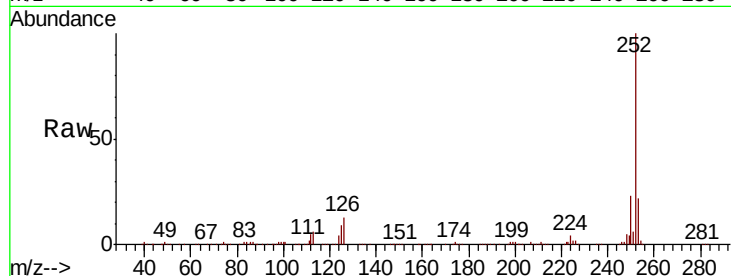




#89
Benzo(k)fluoranthene
Concen: 20.995 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

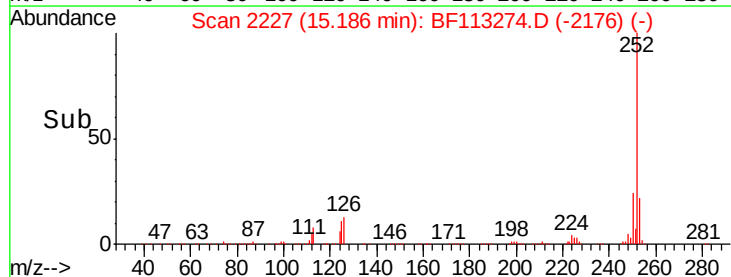
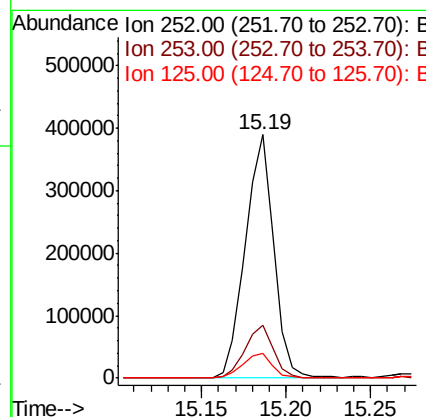
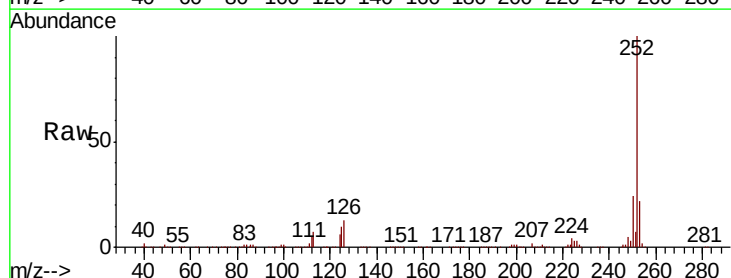
Instrument :
BNA_F
ClientSampleId :

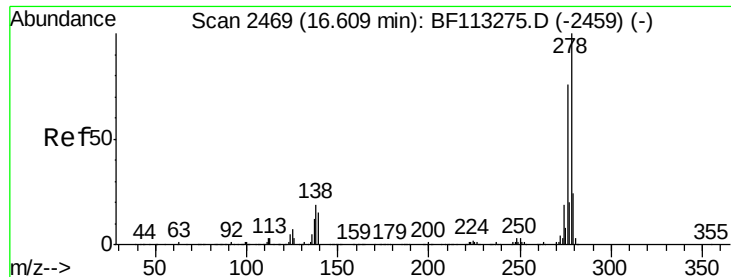
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.1	7.3	10.9



#90
Benzo(a)pyrene
Concen: 20.113 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113274.D
Acq: 25 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.2	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 20.106 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

Instrument :

BNA_F

ClientSampleId :

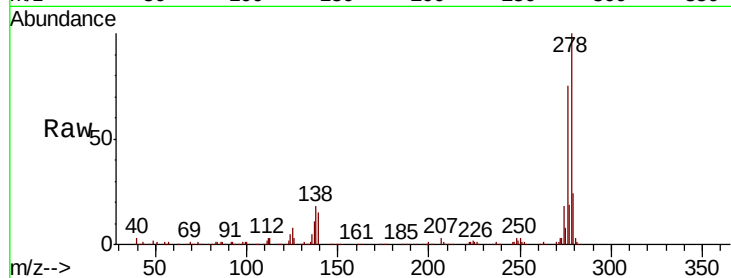
Tot Ion:278 Resp: 392494

Ion Ratio Lower Upper

278 100

139 14.7 12.0 18.0

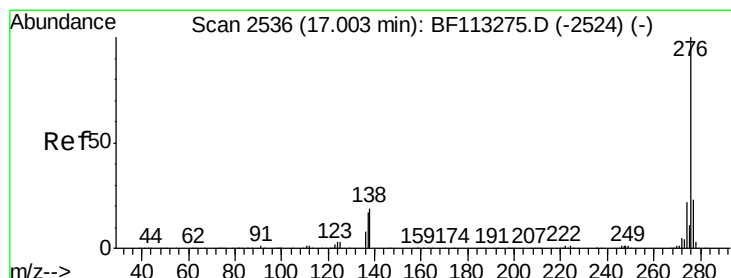
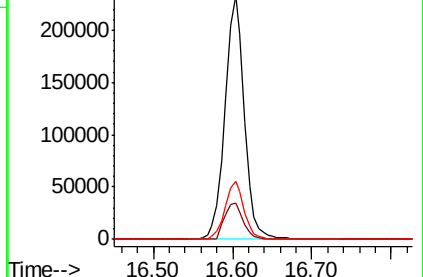
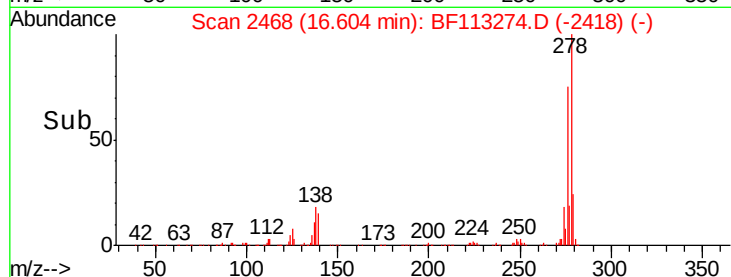
279 24.0 19.0 28.6



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: 18.737 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113274.D

Acq: 25 Mar 2019 12:06

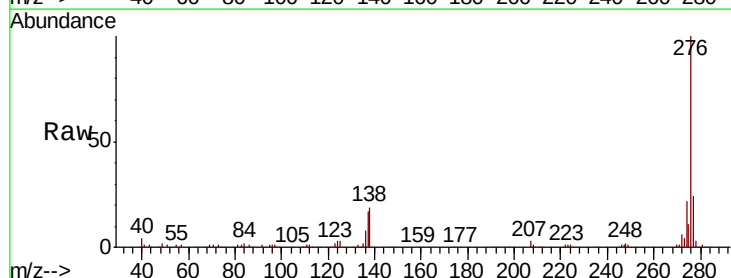
Tgt Ion:276 Resp: 367276

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 19.1 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

