

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111932.D
 Acq On : 9 Jan 2019 3:35
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 04:05:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	112806	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	357191	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	139886	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	282614	20.00	ng	0.00
76) Chrysene-d12	14.06	240	184594	20.00	ng	0.00
87) Perylene-d12	15.54	264	180101	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	543046	82.36	ng	0.00
7) Phenol-d6	6.53	99	578265	68.04	ng	0.00
23) Nitrobenzene-d5	7.45	82	578412	86.55	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	142539	78.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	788059	82.15	ng	0.00
79) Terphenyl-d14	13.00	244	968918	99.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	139358	48.336	ng	100
3) Pyridine	3.41	79	360620	48.258	ng	99
4) n-Nitrosodimethylamine	3.35	42	169145	45.493	ng	99
6) Aniline	6.55	93	418637	40.740	ng	# 69
8) 2-Chlorophenol	6.68	128	277089	37.845	ng	96
9) Benzaldehyde	6.43	77	169144	33.634	ng	96
10) Phenol	6.55	94	363383	39.341	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	273467	38.270	ng	97
12) 1,3-Dichlorobenzene	6.83	146	272663	32.124	ng	99
13) 1,4-Dichlorobenzene	6.90	146	335226	38.920	ng	98
14) 1,2-Dichlorobenzene	7.06	146	330432	40.133	ng	98
15) Benzyl Alcohol	7.03	79	225966	33.605	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	487288	39.996	ng	91
17) 2-Methylphenol	7.15	107	227849	38.720	ng	98
18) Hexachloroethane	7.40	117	58227	19.362	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	208117	37.690	ng	99
20) 3+4-Methylphenols	7.30	107	288408	39.381	ng	94
22) Acetophenone	7.29	105	402209	44.478	ng	# 97
24) Nitrobenzene	7.47	77	288167	42.623	ng	98
25) Isophorone	7.70	82	455142	42.056	ng	99
26) 2-Nitrophenol	7.79	139	90687	27.243	ng	91
27) 2,4-Dimethylphenol	7.83	122	206756	42.957	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	311674	43.145	ng	99
29) 2,4-Dichlorophenol	8.03	162	222410	40.185	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	251380	41.171	ng	98
31) Naphthalene	8.19	128	633378	37.354	ng	99
32) Benzoic acid	7.95	122	22732	7.278	ng	90
33) 4-Chloroaniline	8.24	127	274088	37.394	ng	100
34) Hexachlorobutadiene	8.32	225	126548	33.293	ng	99
35) Caprolactam	8.60	113	55195	30.524	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	166359	30.231	ng	100
37) 2-Methylnaphthalene	8.89	142	343079	32.653	ng	99
38) 1-Methylnaphthalene	8.99	142	330488	32.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	186618	41.846	ng	99

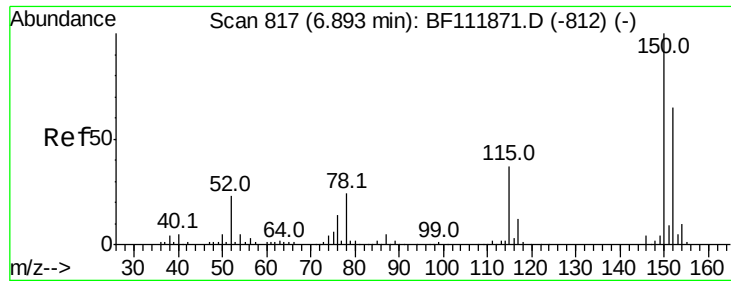
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111932.D
 Acq On : 9 Jan 2019 3:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 04:05:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	118182	39.071	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	122490	38.651	nq	97
46) 1,1'-Biphenyl	9.35	154	470338	40.196	nq	99
47) 2-Chloronaphthalene	9.37	162	364295	39.668	nq	98
48) 2-Nitroaniline	9.46	65	126656	45.110	nq	98
49) Acenaphthylene	9.79	152	525530	38.707	nq	98
50) Dimethylphthalate	9.64	163	406913	38.723	nq	99
51) 2,6-Dinitrotoluene	9.70	165	59609	25.367	nq	96
52) Acenaphthene	9.96	154	312199	35.668	nq	99
53) 3-Nitroaniline	9.87	138	117656	46.754	nq	99
55) Dibenzofuran	10.13	168	489986	38.492	nq	100
56) 4-Nitrophenol	10.05	139	60331	33.930	nq	94
57) 2,4-Dinitrotoluene	10.11	165	68086	22.423	nq	# 97
58) Fluorene	10.47	166	366264	39.543	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	105441	39.488	nq	99
60) Diethylphthalate	10.34	149	398428	39.179	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	201166	38.730	nq	97
62) 4-Nitroaniline	10.49	138	133055	55.744	nq	99
63) Azobenzene	10.63	77	362408	37.305	nq	95
66) n-Nitrosodiphenylamine	10.58	169	348209	36.716	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	128755	35.174	nq	95
68) Hexachlorobenzene	11.03	284	145030	35.750	nq	100
69) Atrazine	11.11	200	102478	30.755	nq	98
70) Pentachlorophenol	11.23	266	72253	31.299	nq	99
71) Phenanthrene	11.44	178	590987	39.112	nq	99
72) Anthracene	11.49	178	599316	39.072	nq	99
73) Carbazole	11.65	167	590422	39.572	nq	98
74) Di-n-butylphthalate	11.97	149	663732	38.298	nq	100
75) Fluoranthene	12.63	202	588086	37.912	nq	99
77) Benzidine	12.74	184	356319	64.600	nq	97
78) Pyrene	12.86	202	589560	46.418	nq	98
80) Butylbenzylphthalate	13.47	149	271642	50.588	nq	99
81) Benzo(a)anthracene	14.05	228	414751	39.040	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	186427	47.533	nq	99
83) Chrysene	14.09	228	386214	38.128	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	366814	52.016	nq	# 99
85) Di-n-octyl phthalate	14.64	149	500446	49.589	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	352588	47.746	nq	99
88) Benzo(b)fluoranthene	15.11	252	412310	38.271	nq	100
89) Benzo(k)fluoranthene	15.14	252	412237	40.707	nq	99
90) Benzo(a)pyrene	15.48	252	373878	39.468	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	308072	40.435	nq	98
92) Benzo(g,h,i)perylene	17.50	276	298562	40.065	nq	98

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

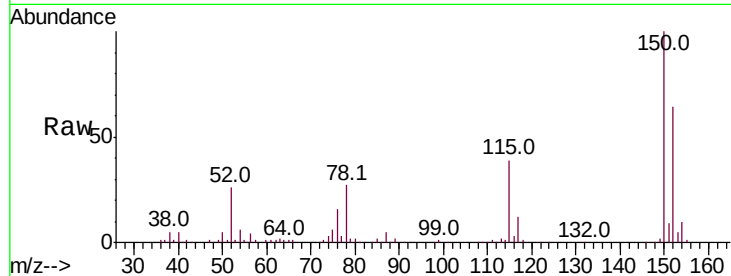


#1

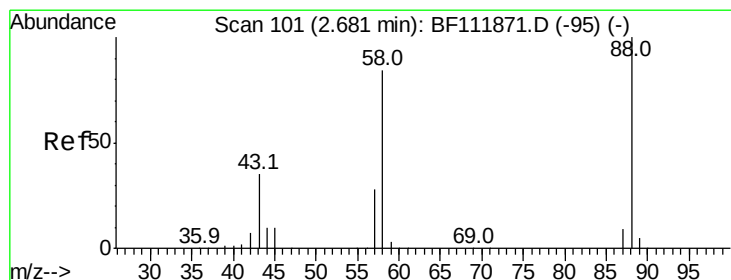
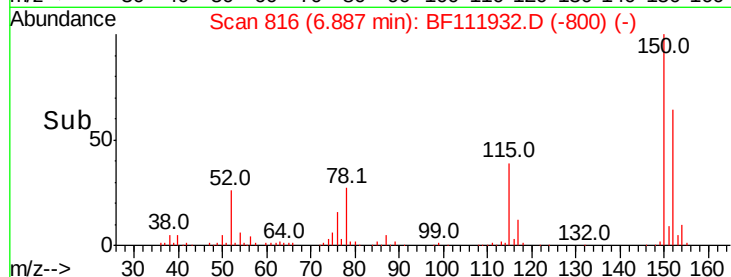
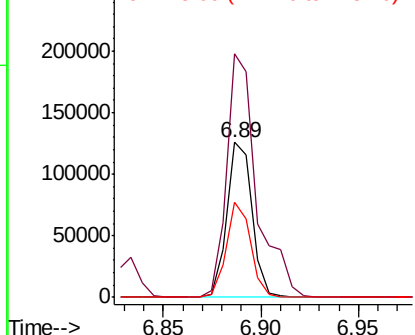
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112806
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 61.4 45.2 67.8



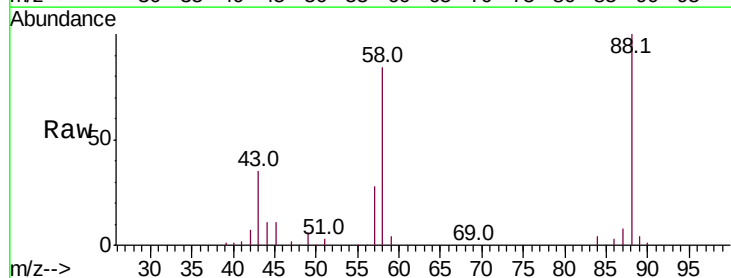
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



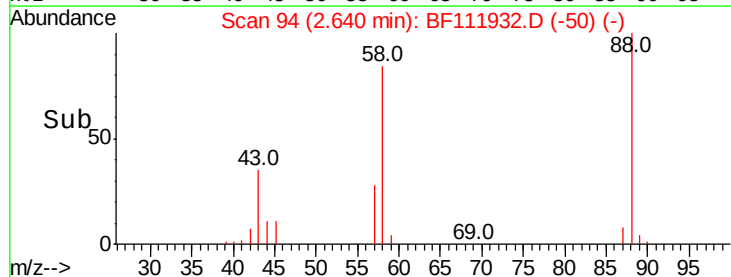
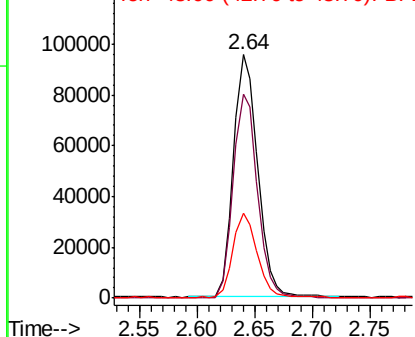
#2

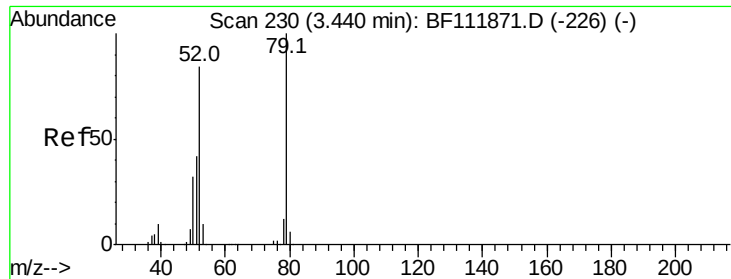
1,4-Dioxane
Concen: 48.336 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.04 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion: 88 Resp: 139358
Ion Ratio Lower Upper
88 100
58 84.6 67.6 101.4
43 36.7 29.0 43.6



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





#3

Pvridine

Concen: 48.258 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.03 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

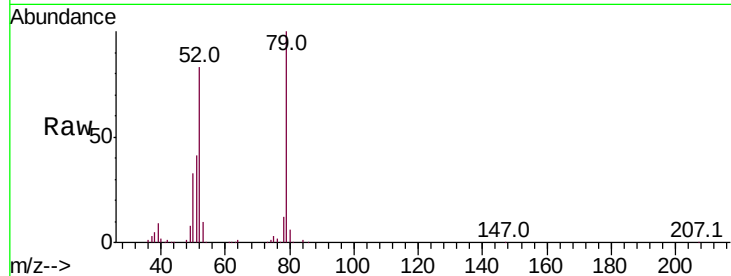
Tot Ion: 79 Resp: 360620

Ion Ratio Lower Upper

79 100

52 83.2 67.0 100.6

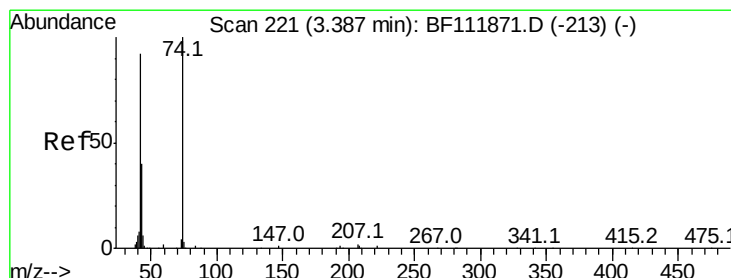
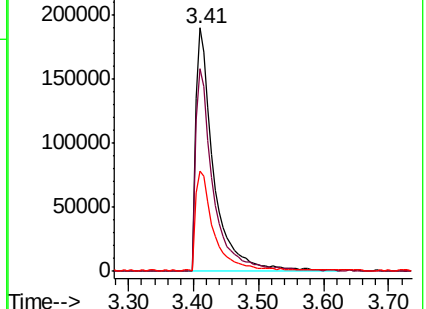
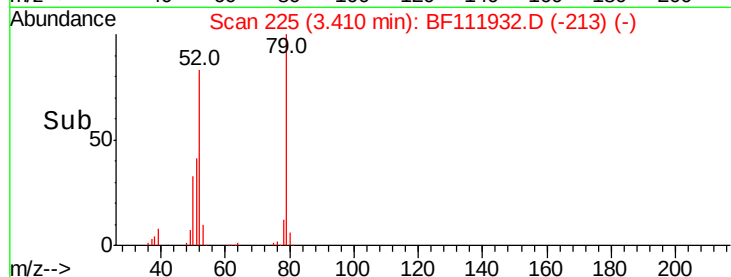
51 41.4 34.2 51.2



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: 45.493 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.04 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

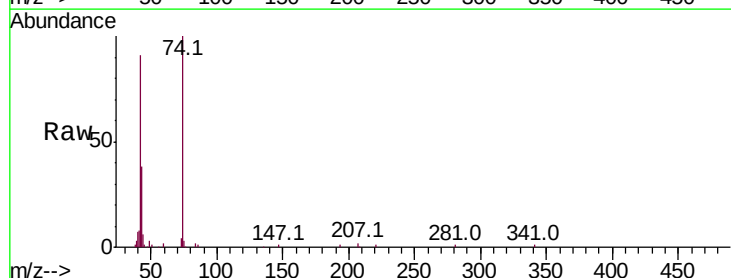
Tgt Ion: 42 Resp: 169145

Ion Ratio Lower Upper

42 100

74 110.0 87.0 130.6

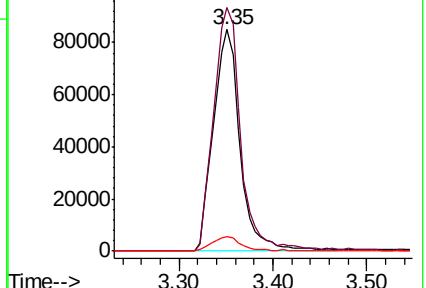
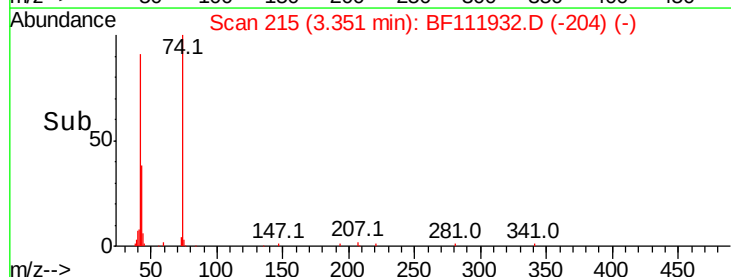
44 6.5 5.5 8.3

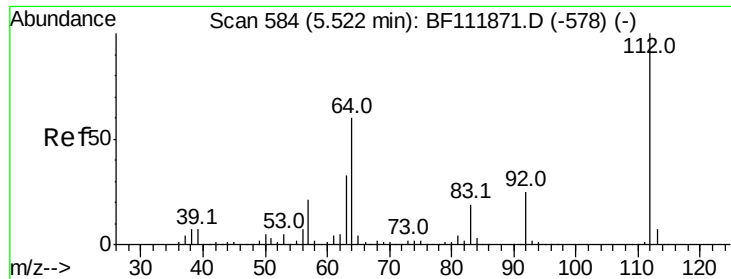


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.358 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampled :

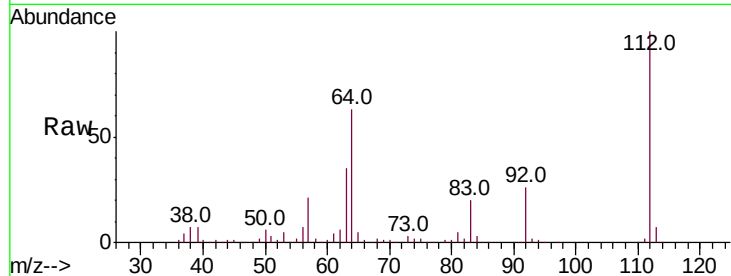
Tot Ion:112 Resp: 543046

Ion Ratio Lower Upper

112 100

64 63.2 48.3 72.5

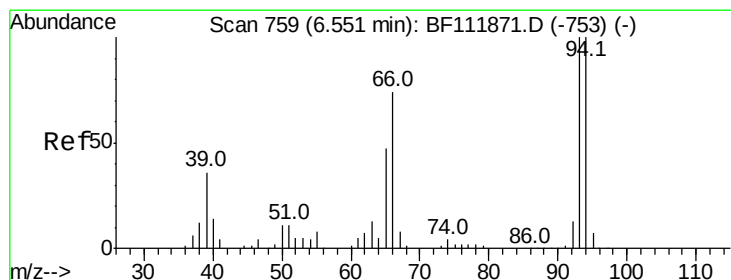
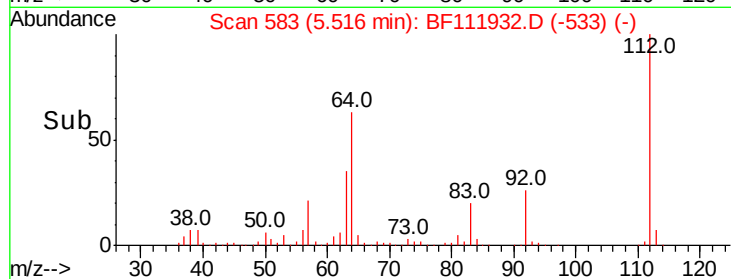
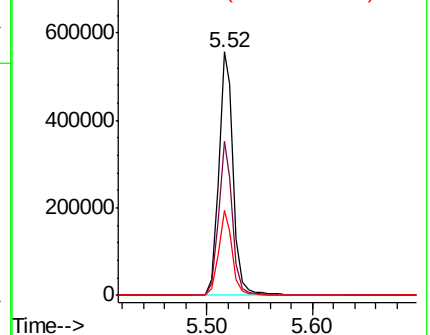
63 34.6 26.1 39.1



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: 40.740 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

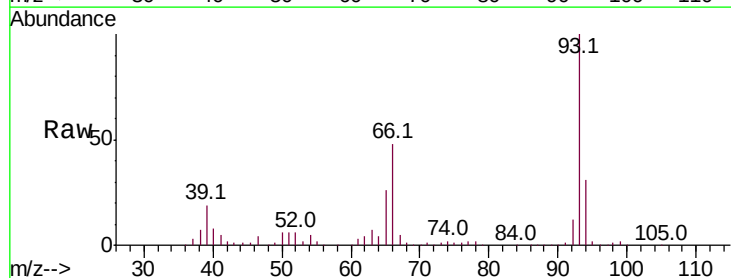
Tgt Ion: 93 Resp: 418637

Ion Ratio Lower Upper

93 100

66 48.4 60.0 90.0#

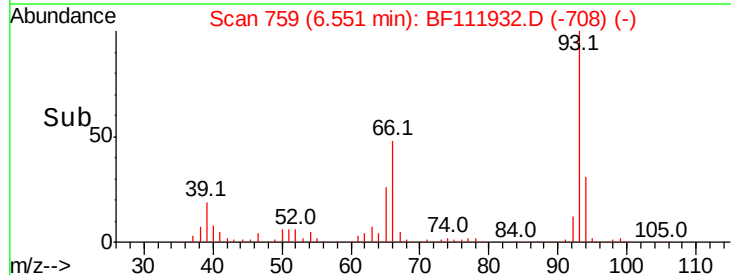
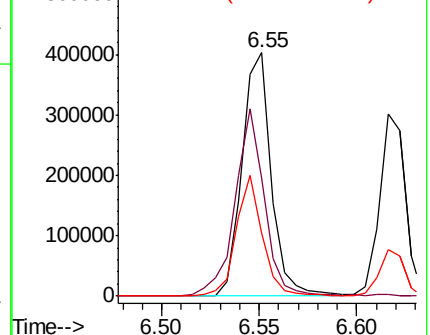
65 25.9 37.5 56.3#

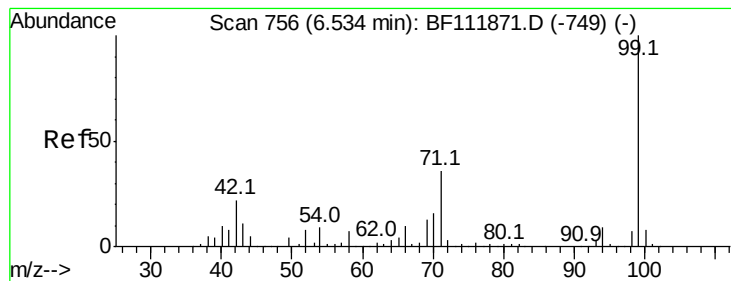


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.043 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

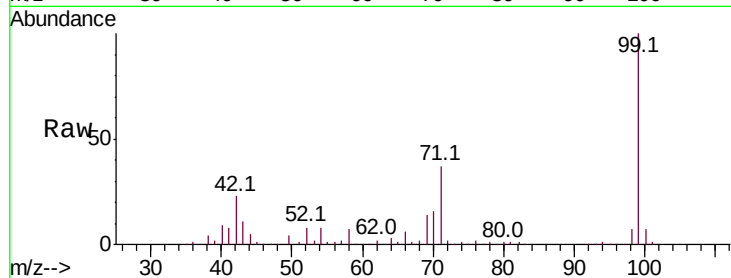
Tot Ion: 99 Resp: 578265

Ion Ratio Lower Upper

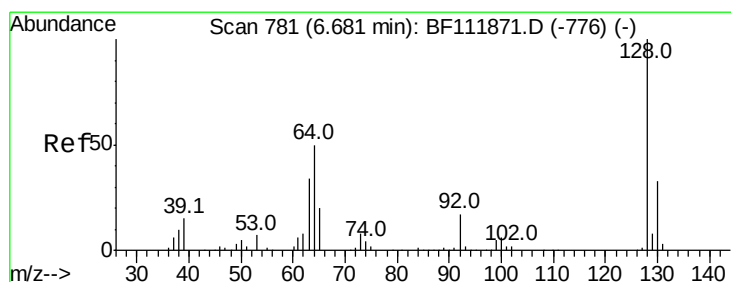
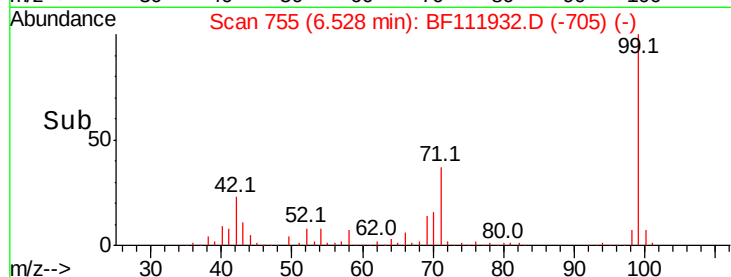
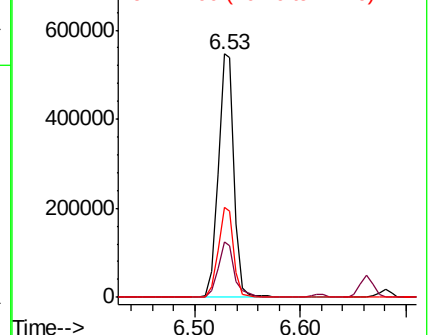
99 100

42 23.0 17.9 26.9

71 36.9 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.845 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

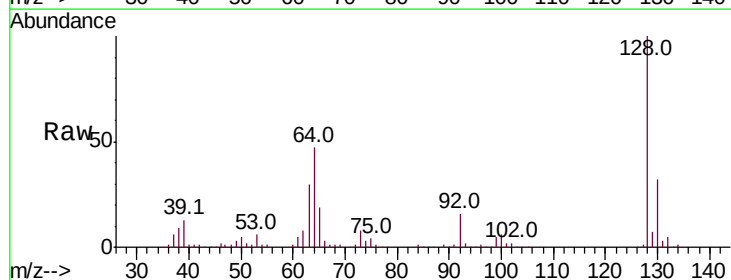
Tgt Ion:128 Resp: 277089

Ion Ratio Lower Upper

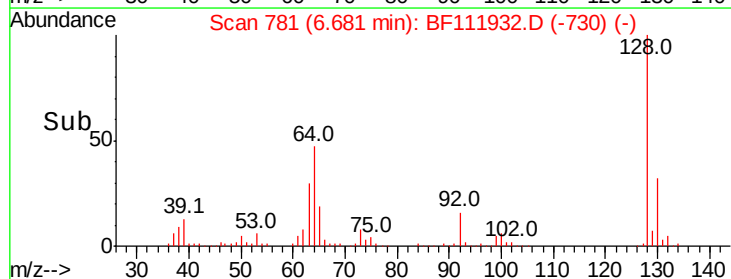
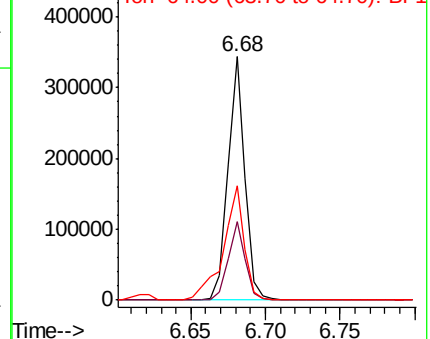
128 100

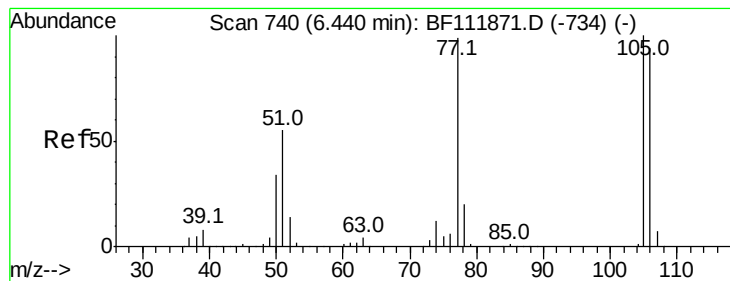
130 32.2 12.7 52.7

64 47.1 31.8 71.8



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: 33.634 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampled :

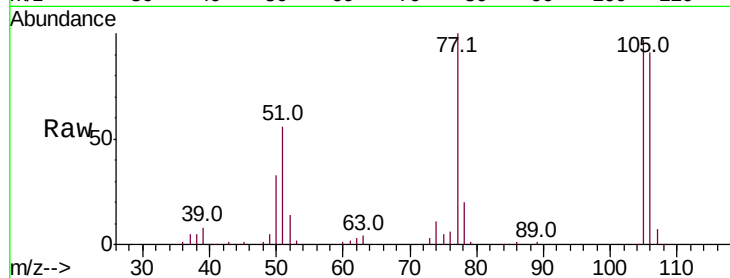
Tot Ion: 77 Resp: 169144

Ion Ratio Lower Upper

77 100

105 97.3 80.6 120.6

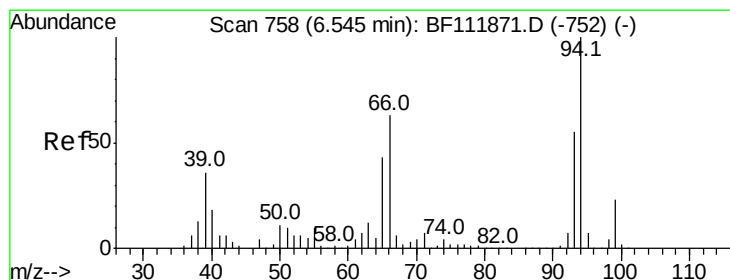
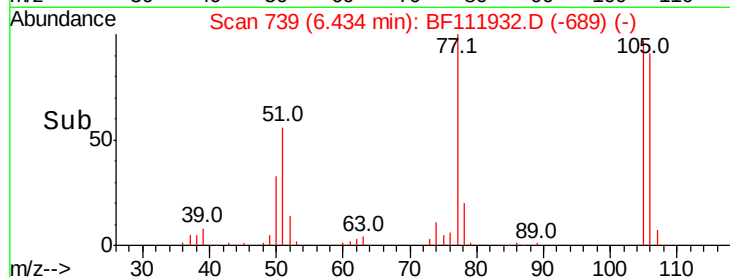
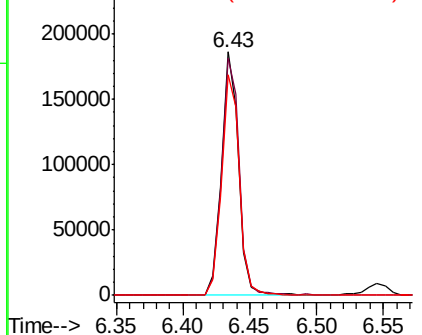
106 90.8 74.6 114.6



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: 39.341 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

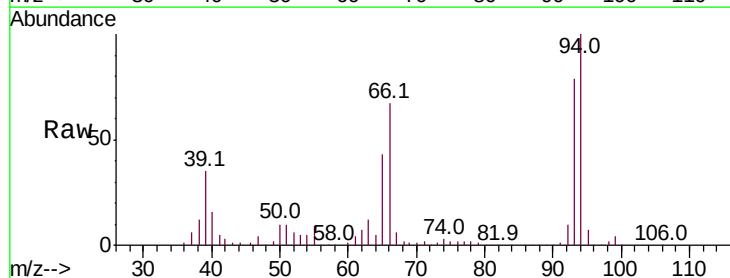
Tgt Ion: 94 Resp: 363383

Ion Ratio Lower Upper

94 100

65 42.7 22.8 62.8

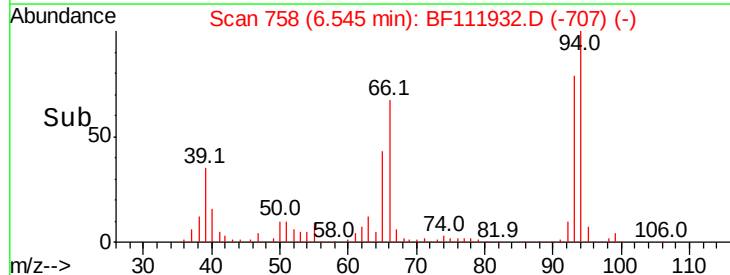
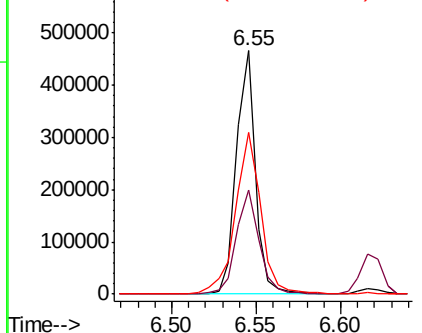
66 66.7 43.3 83.3

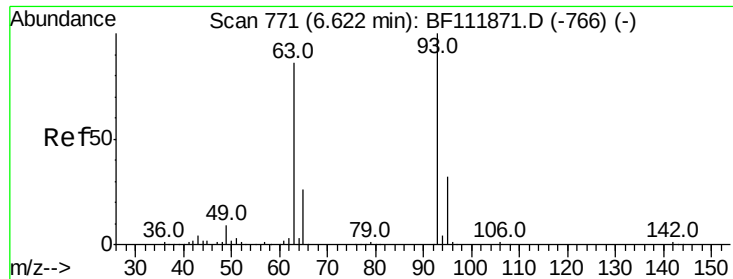


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.270 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

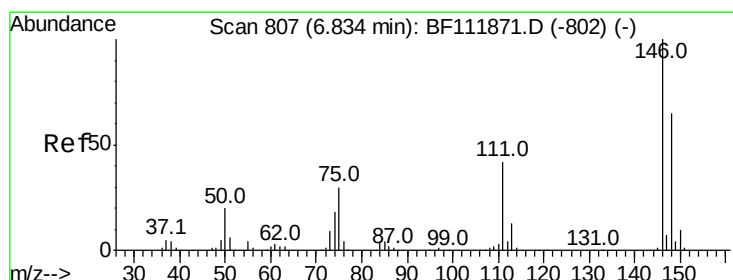
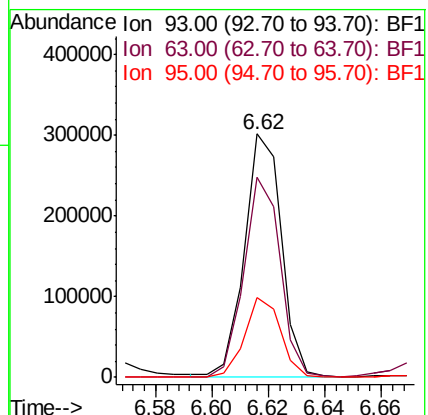
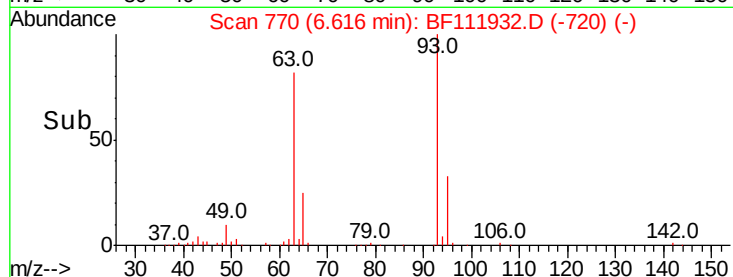
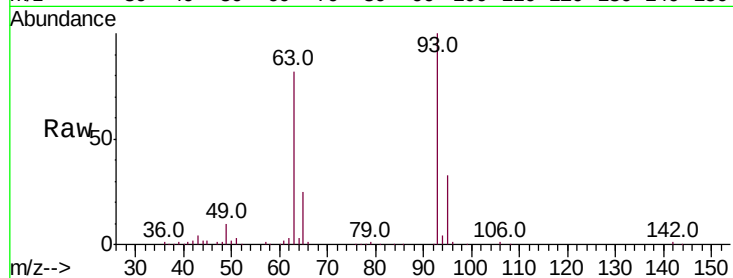
Tot Ion: 93 Resp: 273467

Ion Ratio Lower Upper

93 100

63 82.0 65.2 105.2

95 32.8 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 32.124 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

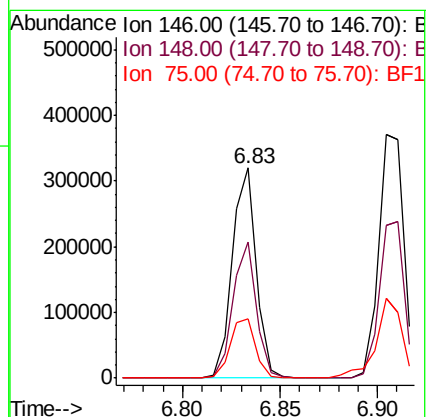
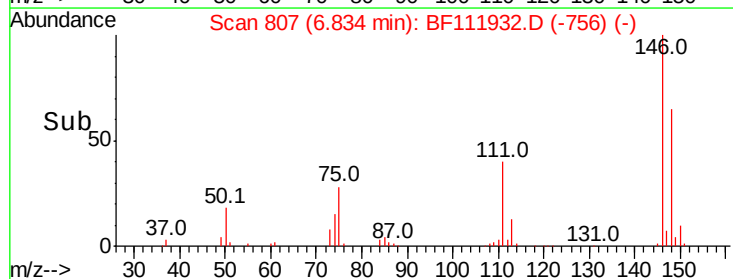
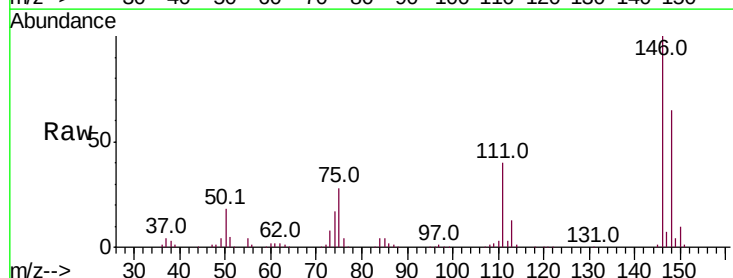
Tgt Ion: 146 Resp: 272663

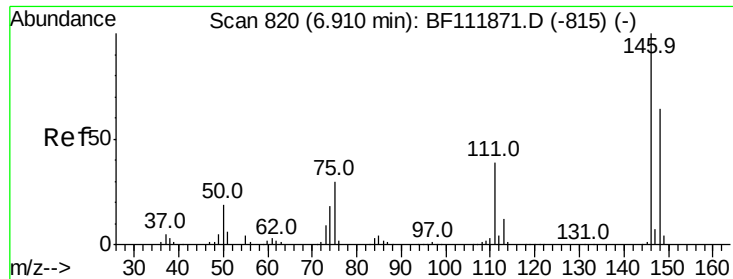
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

75 28.5 24.3 36.5

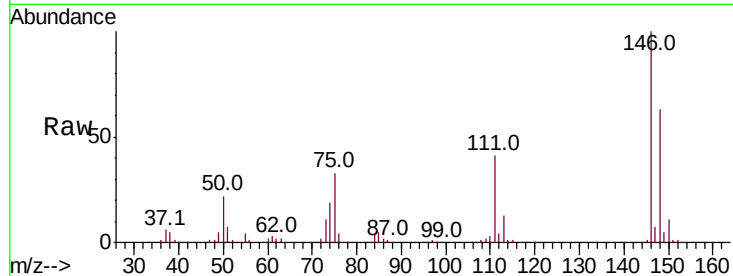




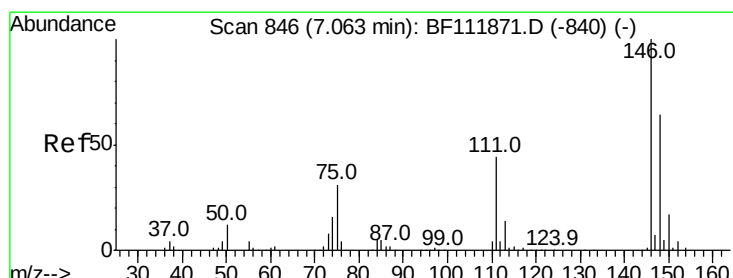
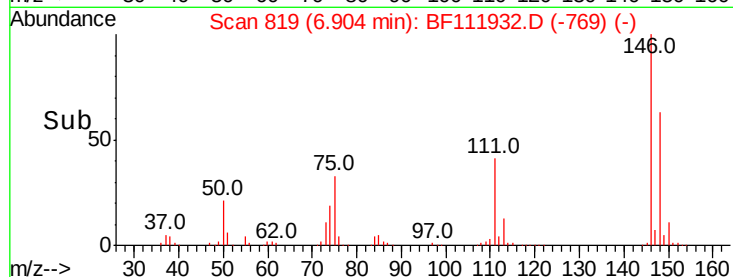
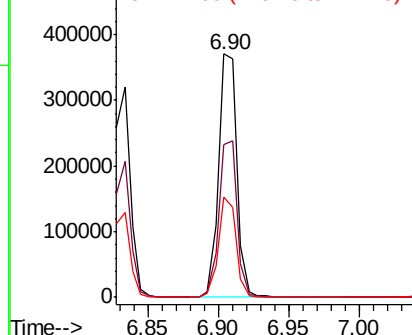
#13
 1,4-Dichlorobenzene
 Concen: 38.920 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 335226
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.2 76.8
 111 41.2 31.5 47.3

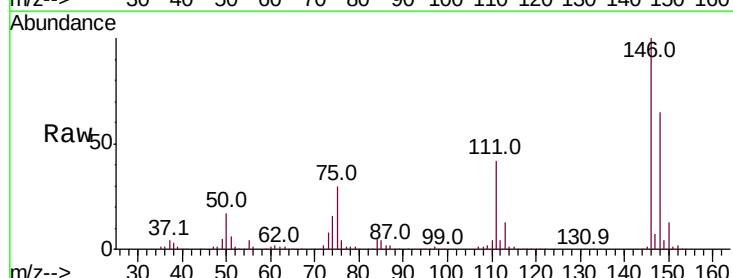


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

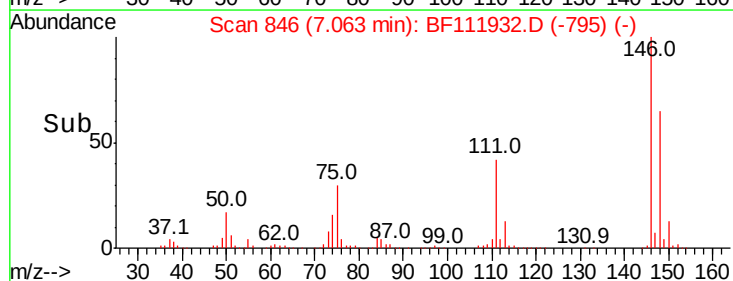
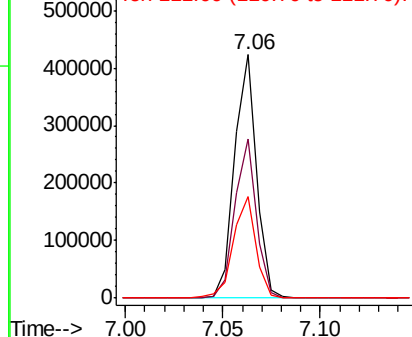


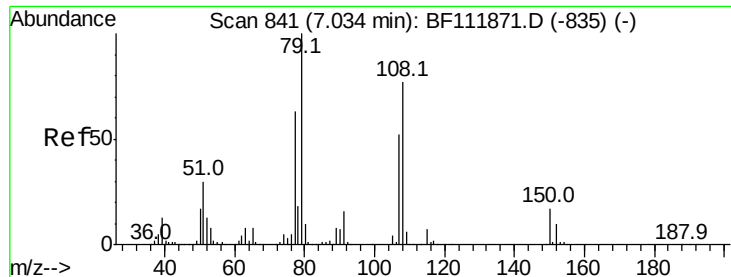
#14
 1,2-Dichlorobenzene
 Concen: 40.133 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion:146 Resp: 330432
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.5 77.3
 111 41.9 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.605 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

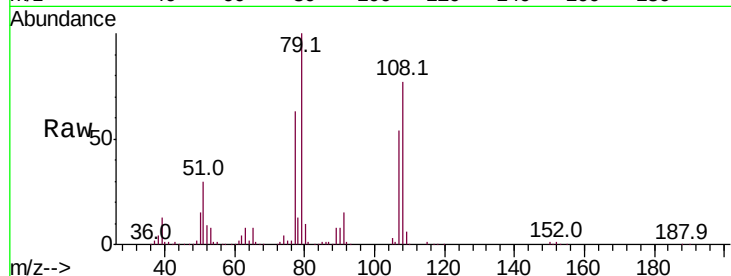
Tot Ion: 79 Resp: 225966

Ion Ratio Lower Upper

79 100

108 76.7 61.4 92.0

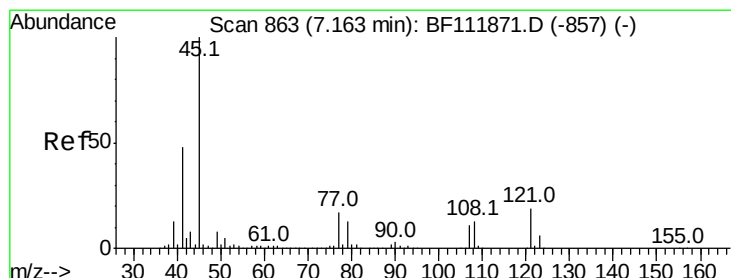
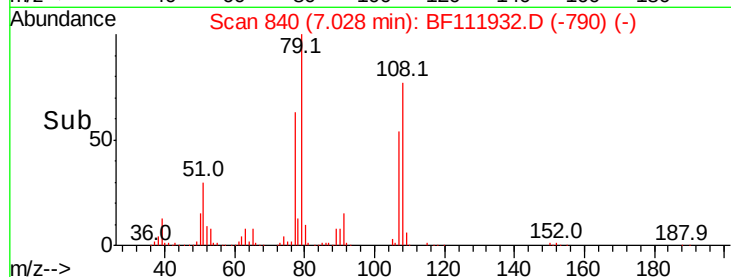
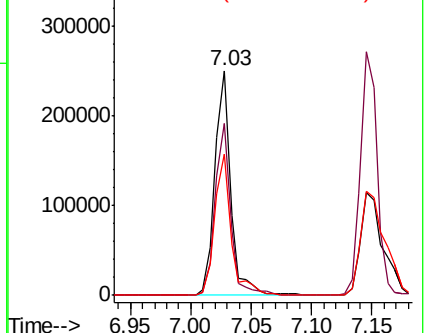
77 62.7 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.996 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

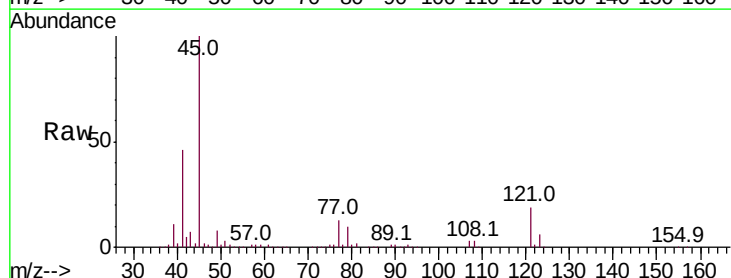
Tgt Ion: 45 Resp: 487288

Ion Ratio Lower Upper

45 100

77 13.3 0.0 37.1

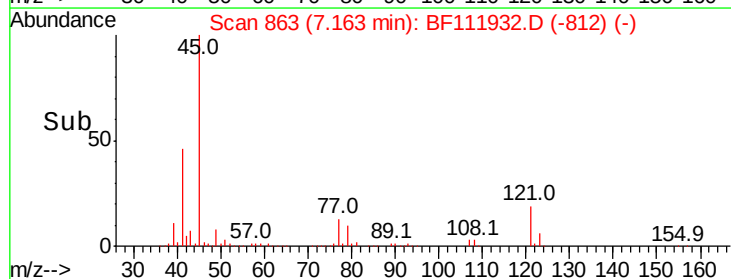
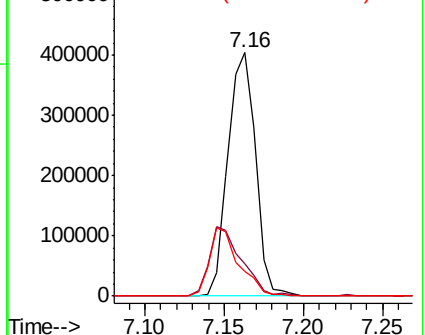
79 10.3 0.0 33.9

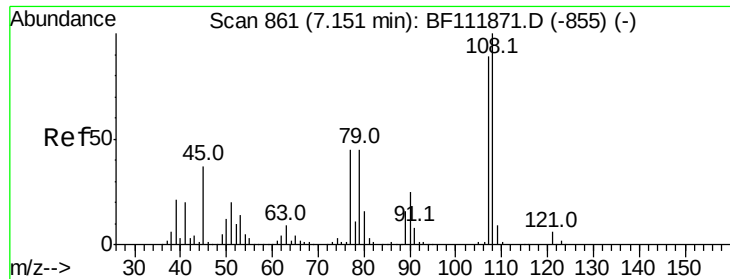


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

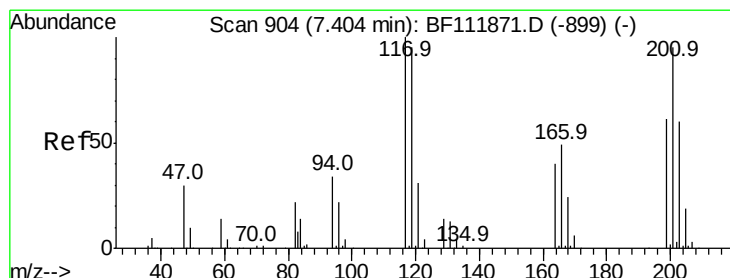
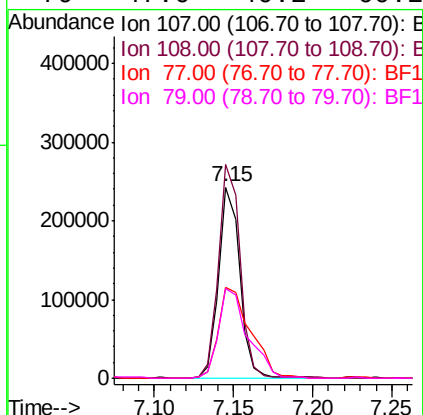
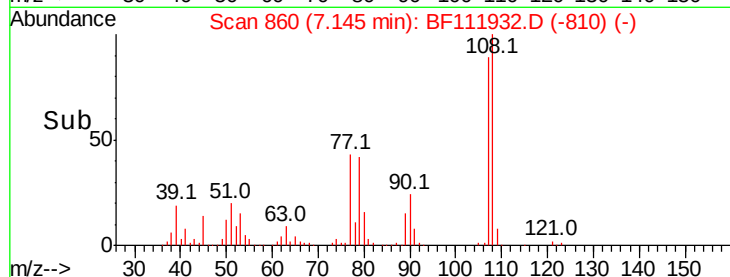
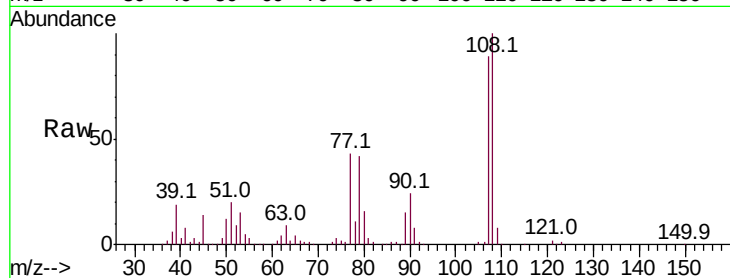




#17
2-Methylphenol
Concen: 38.720 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

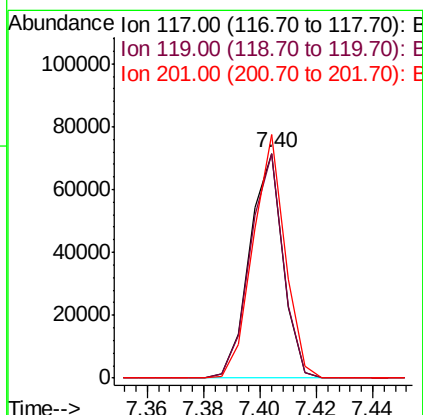
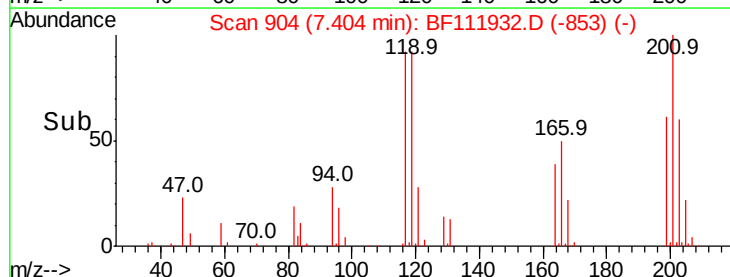
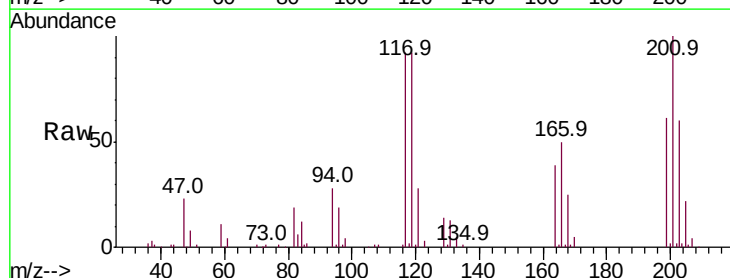
Instrument :
BNA_F
ClientSampleId :

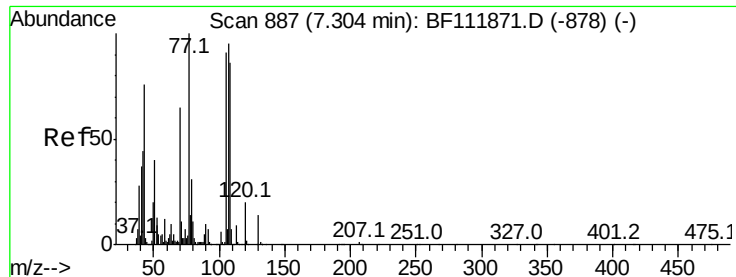
Tot Ion:107 Resp: 227849
Ion Ratio Lower Upper
107 100
108 111.8 89.7 134.5
77 47.7 40.6 60.8
79 47.0 40.2 60.2



#18
Hexachloroethane
Concen: 19.362 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:117 Resp: 58227
Ion Ratio Lower Upper
117 100
119 100.2 76.2 114.2
201 108.5 75.7 113.5

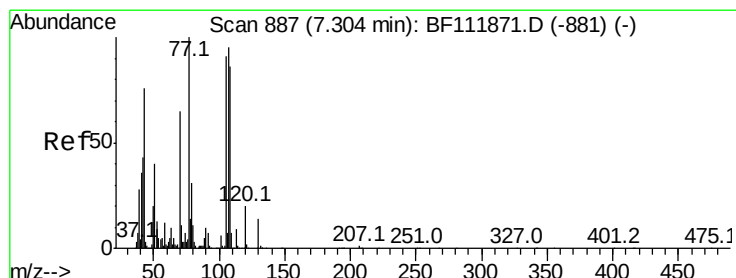
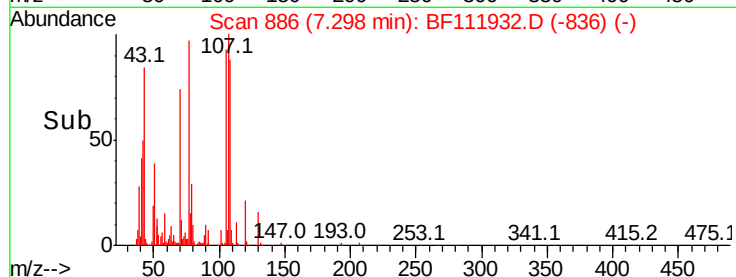
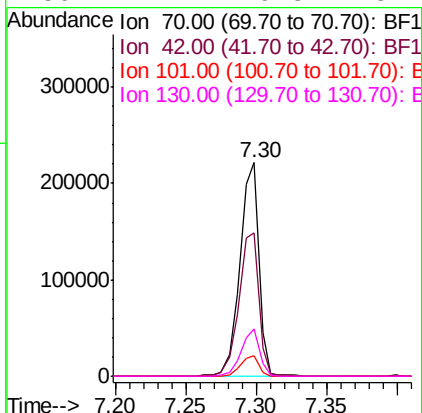
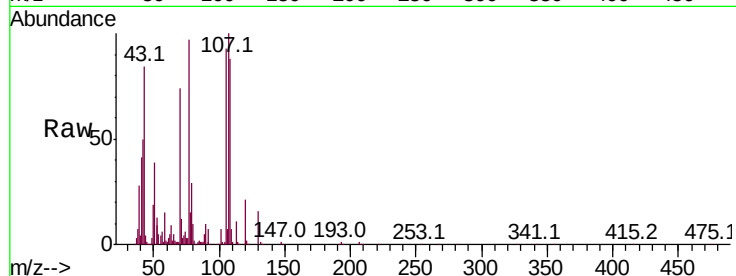




#19
n-Nitroso-di-n-propylamine
Concen: 37.690 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

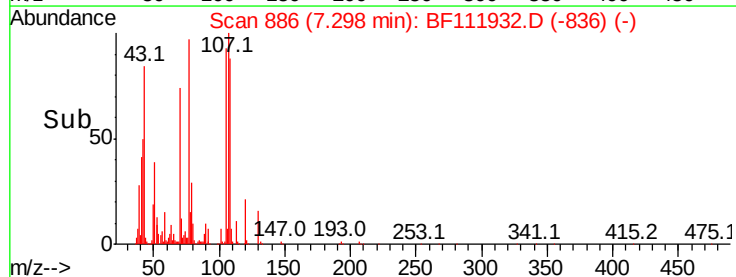
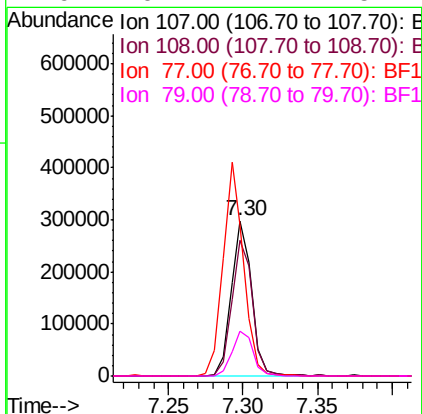
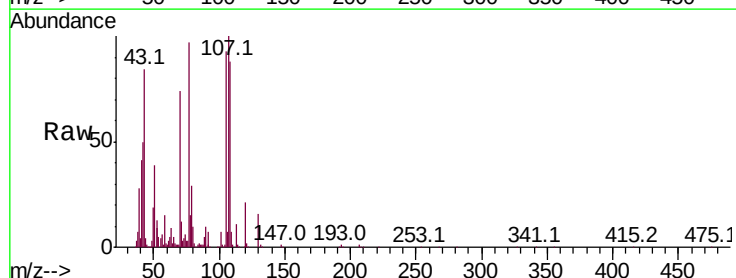
Instrument :
BNA_F
ClientSampleId :

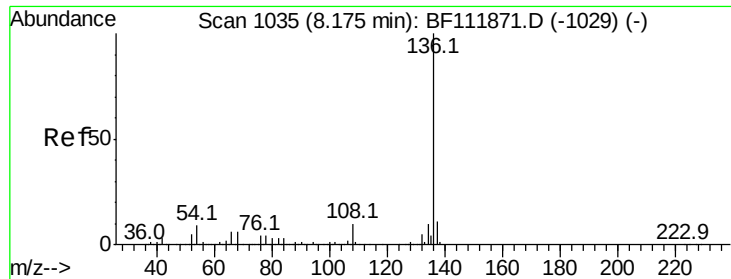
Tot Ion:	70	Resp:	208117
Ion	Ratio	Lower	Upper
70	100		
42	67.1	53.6	80.4
101	9.6	7.3	10.9
130	22.1	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.381 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:	107	Resp:	288408
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.1	111.1
77	97.4	85.4	125.4
79	29.1	12.4	52.4

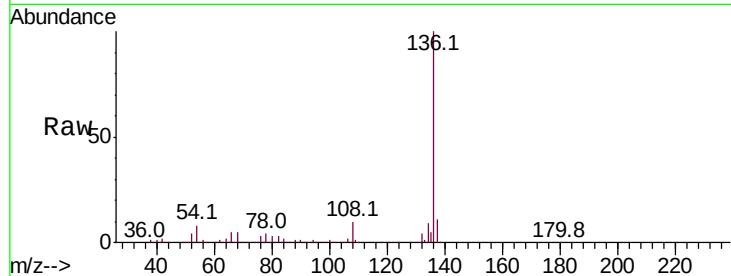




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	357191
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	8.0	7.2 10.8
68	4.8	4.4 6.6



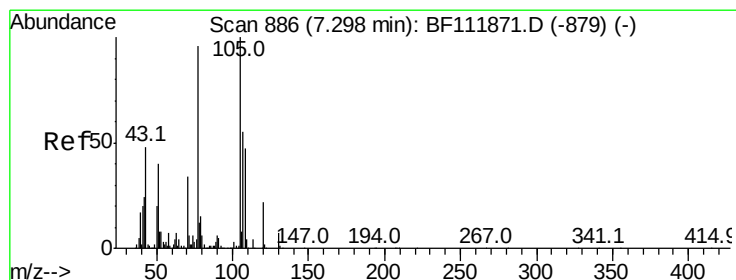
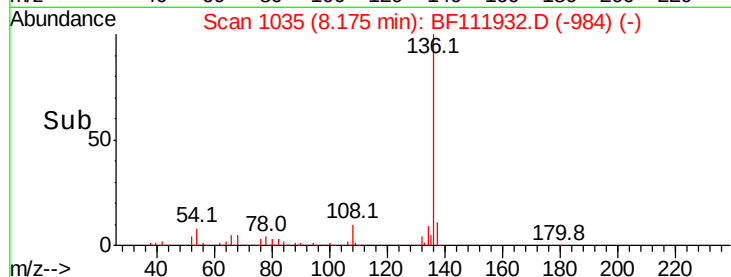
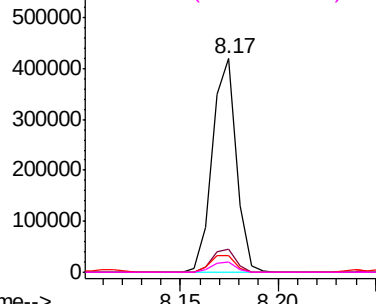
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

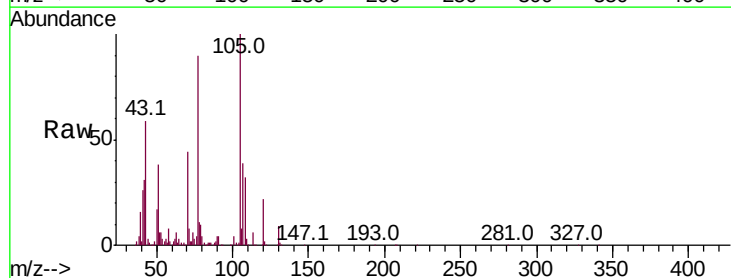
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.478 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:105	Resp:	402209
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.6 6.8#
51	38.4	32.2 48.2
120	22.4	17.5 26.3



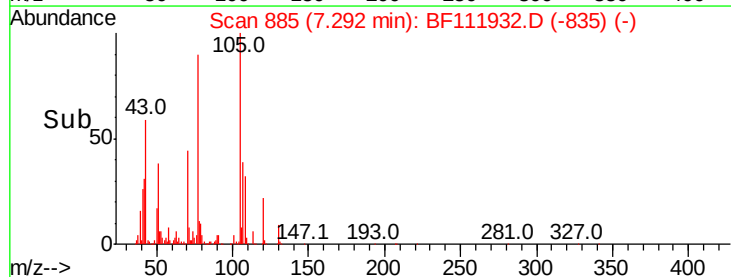
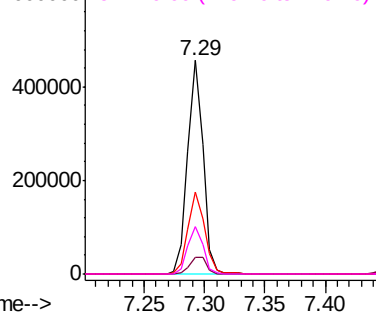
Abundance

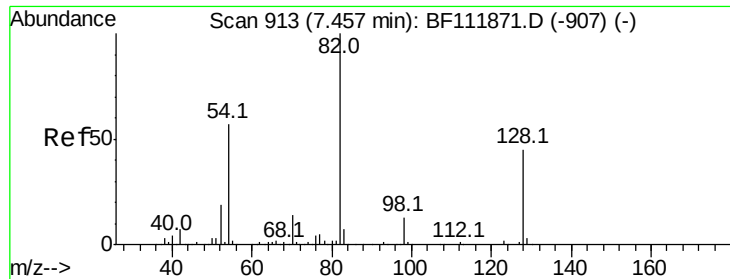
Ion 105.00 (104.70 to 105.70): E

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

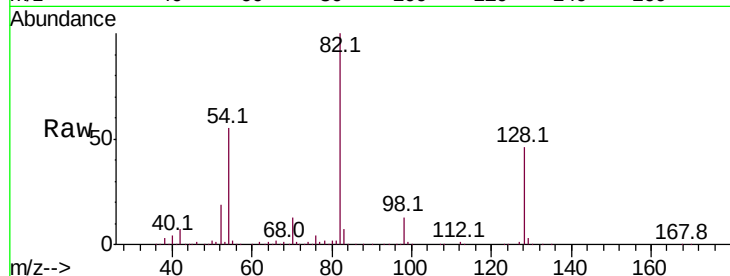




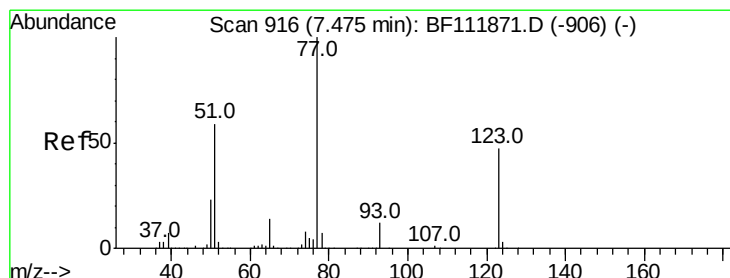
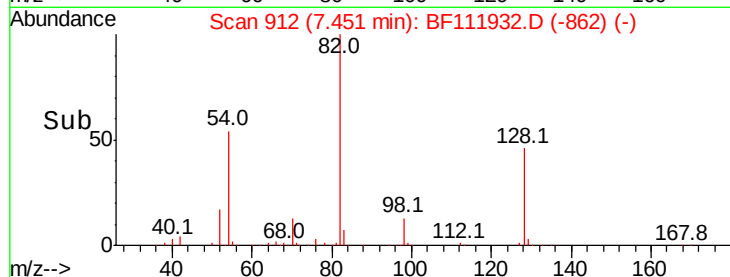
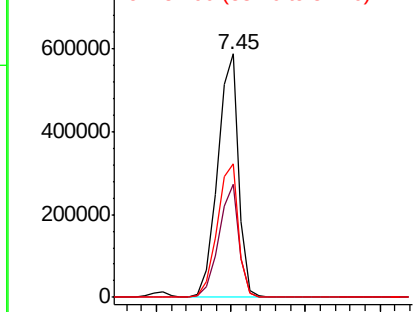
#23
Nitrobenzene-d5
Concen: 86.546 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	578412
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.7	53.5
54	54.7	45.8	68.8

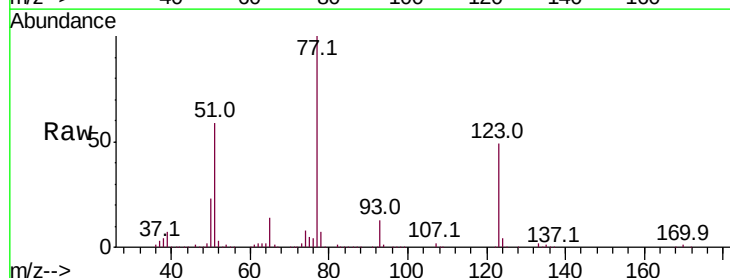


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

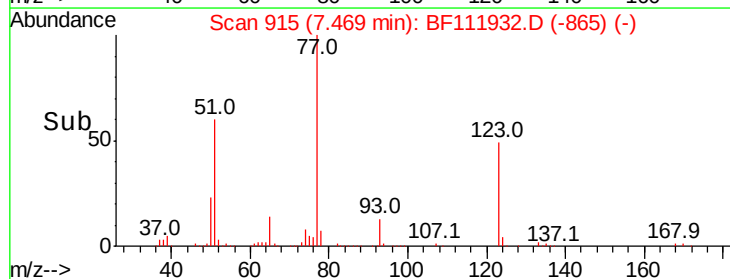
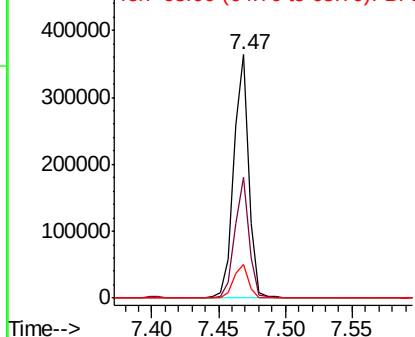


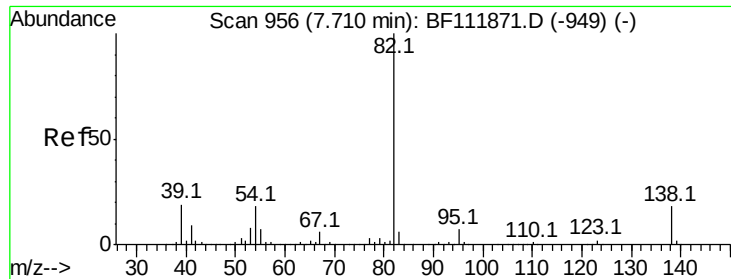
#24
Nitrobenzene
Concen: 42.623 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion	77	Resp	288167
Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.1	57.1
65	13.7	11.0	16.4



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: 42.056 ng

RT: 7.70 min Scan# 955

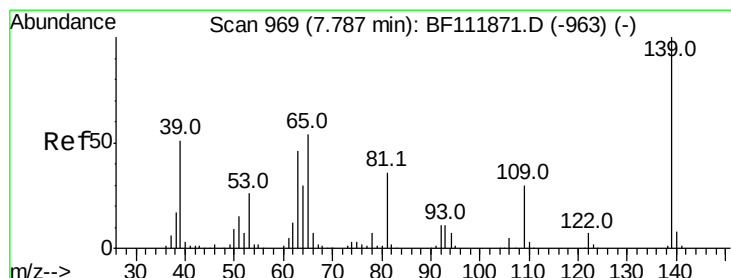
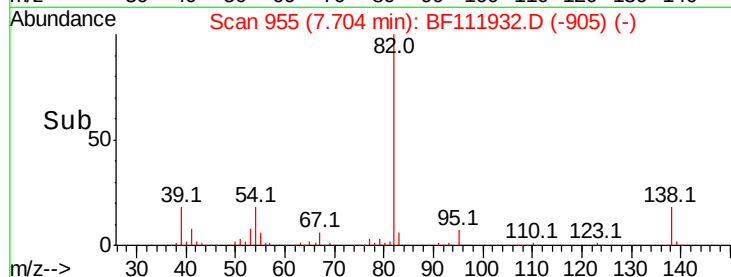
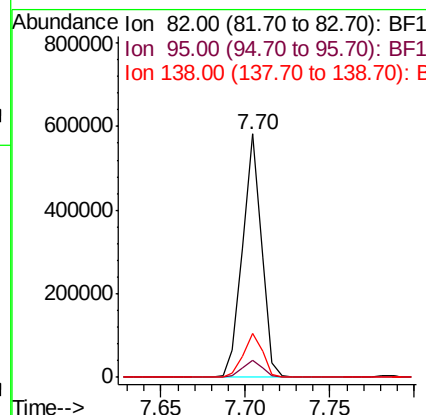
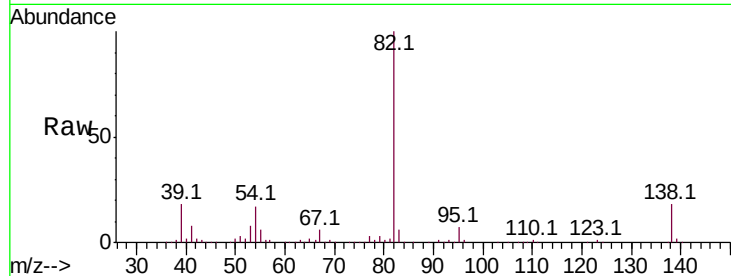
Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	455142
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	18.2	14.4	21.6



#26

2-Nitrophenol

Concen: 27.243 ng

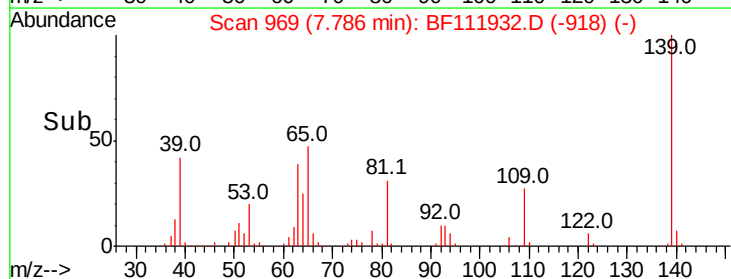
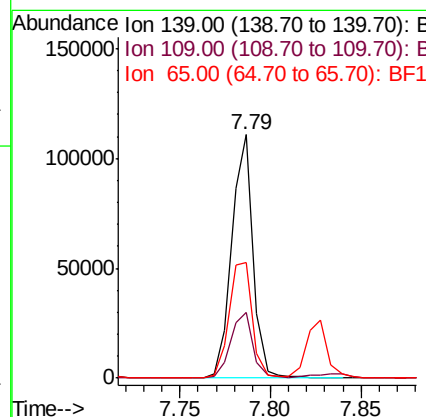
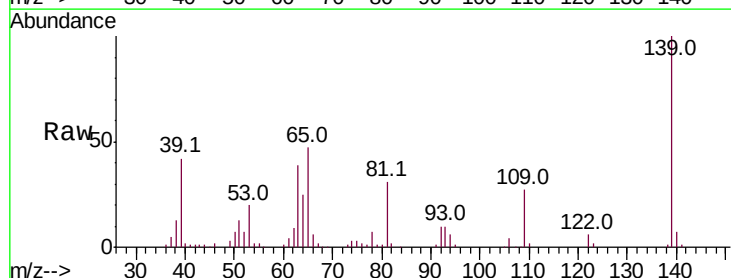
RT: 7.79 min Scan# 969

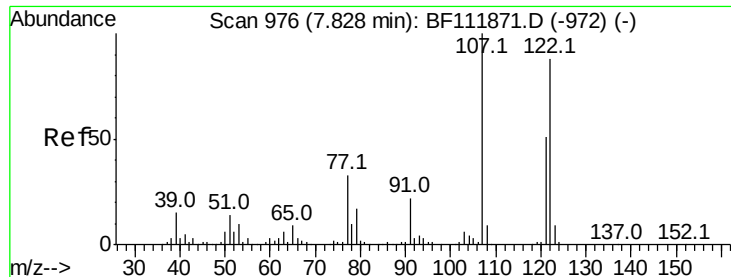
Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Tgt Ion:	139	Resp:	90687
Ion	Ratio	Lower	Upper
139	100		
109	26.9	24.1	36.1
65	47.2	43.6	65.4

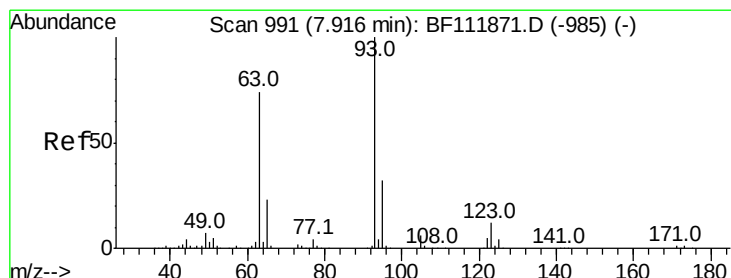
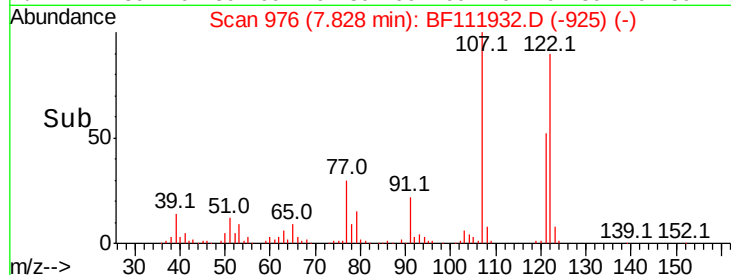
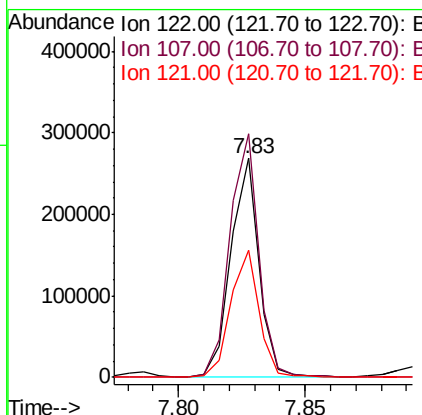
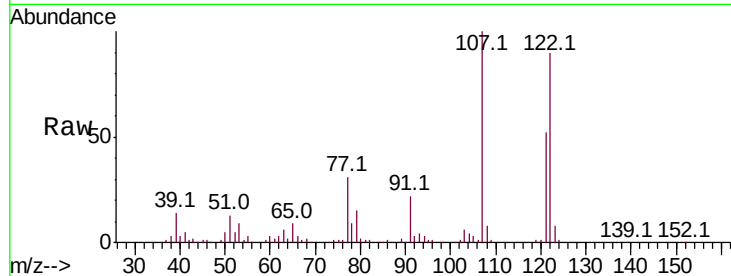




#27
 2,4-Dimethylphenol
 Concen: 42.957 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

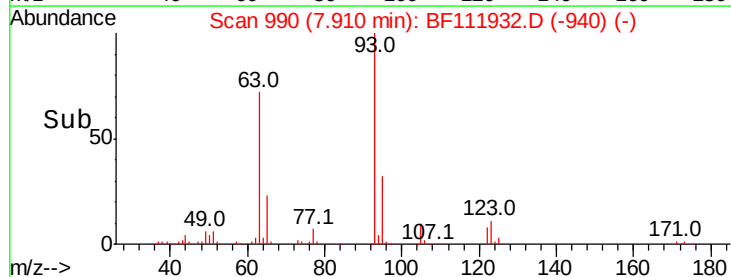
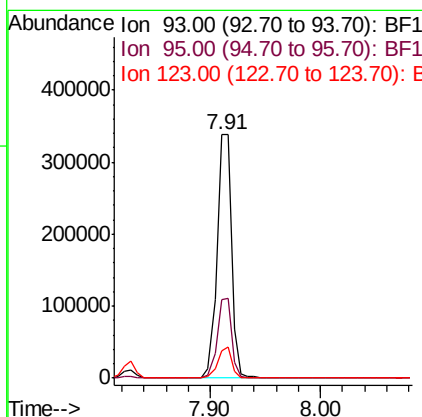
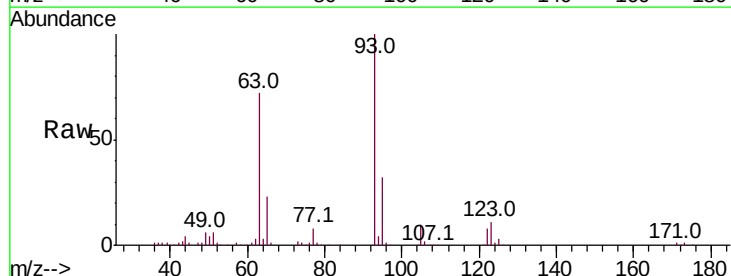
Instrument :
 BNA_F
 ClientSampleId :

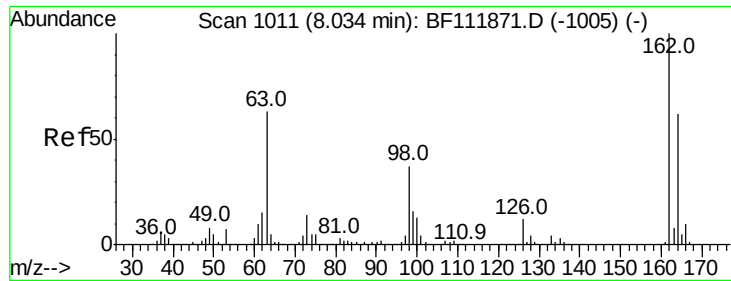
Tot Ion:122 Resp: 206756
 Ion Ratio Lower Upper
 122 100
 107 111.2 91.0 136.6
 121 58.3 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.145 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion: 93 Resp: 311674
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.6
 123 11.3 9.5 14.3

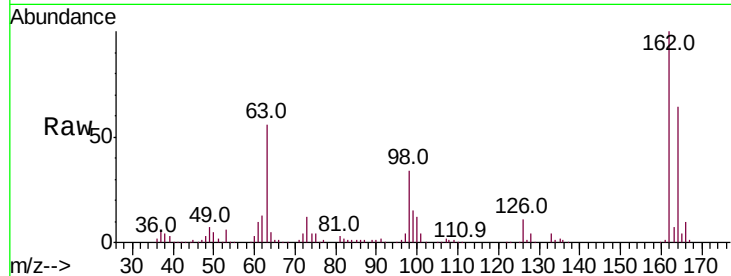




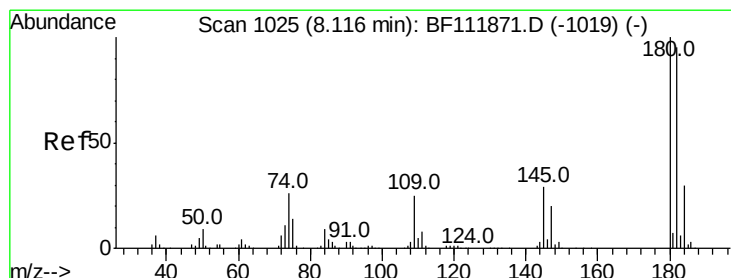
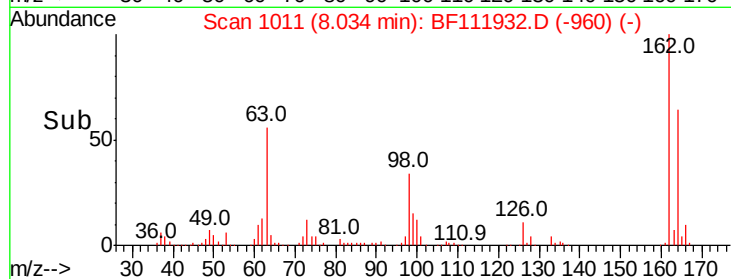
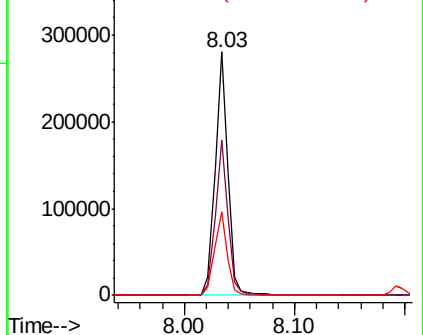
#29
2,4-Dichlorophenol
Concen: 40.185 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.1	82.1
98	34.3	17.2	57.2

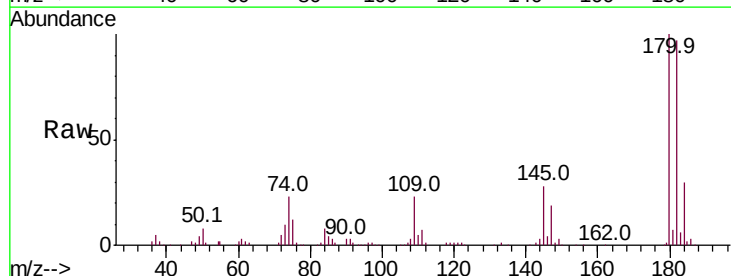


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

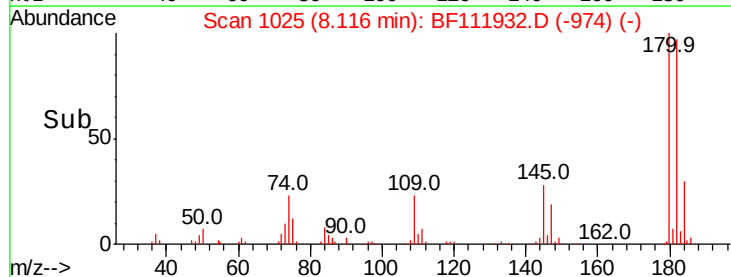
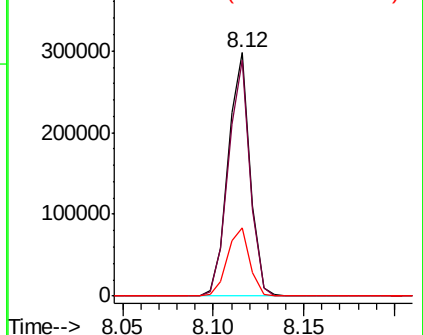


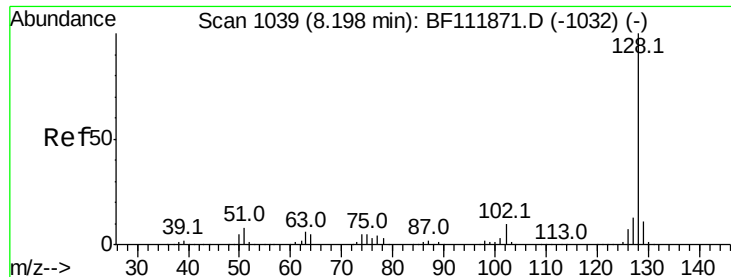
#30
1,2,4-Trichlorobenzene
Concen: 41.171 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.2	114.4
145	28.0	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

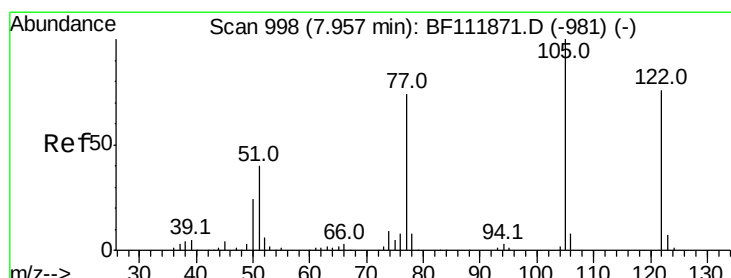
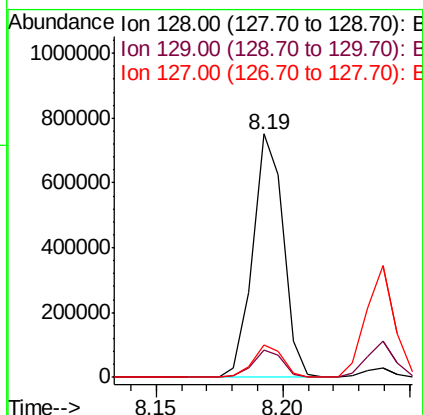
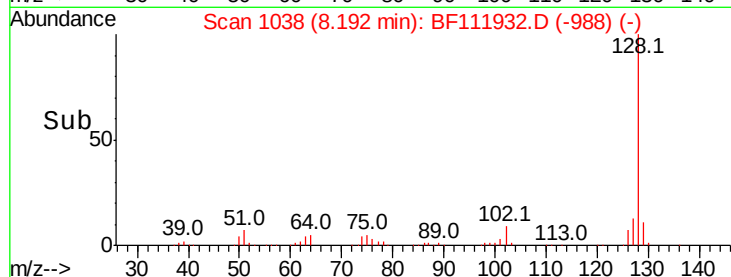
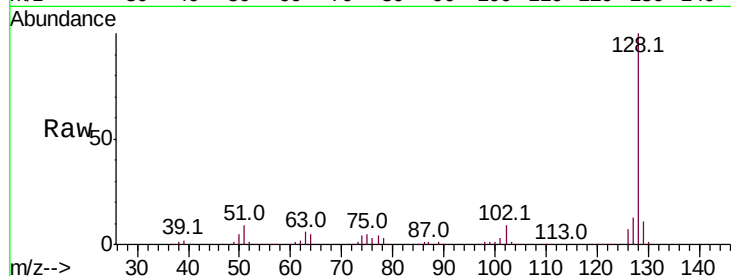




#31
Naphthalene
Concen: 37.354 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

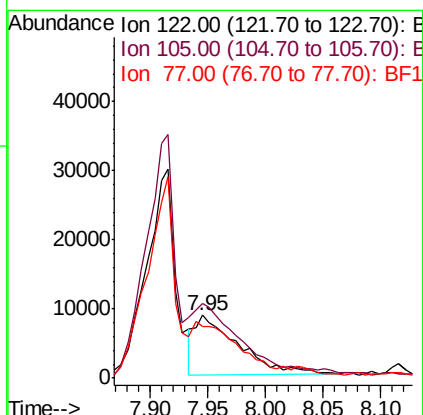
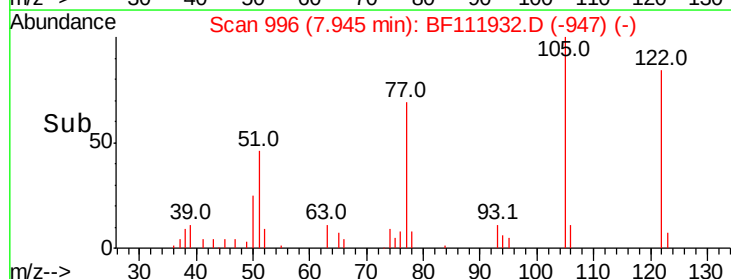
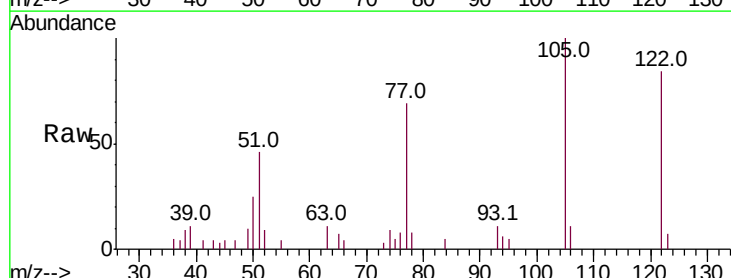
Instrument :
BNA_F
ClientSampled :

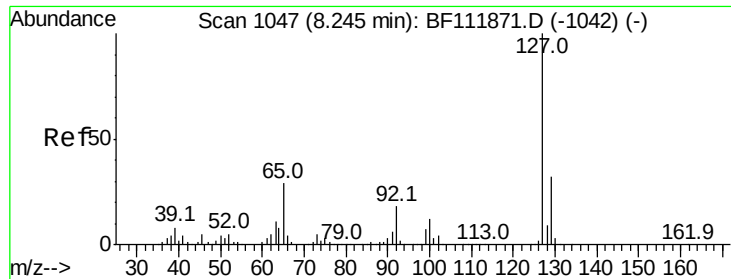
Tot Ion:128 Resp: 633378
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 7.278 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:122 Resp: 22732
Ion Ratio Lower Upper
122 100
105 119.5 107.9 147.9
77 82.8 76.6 116.6

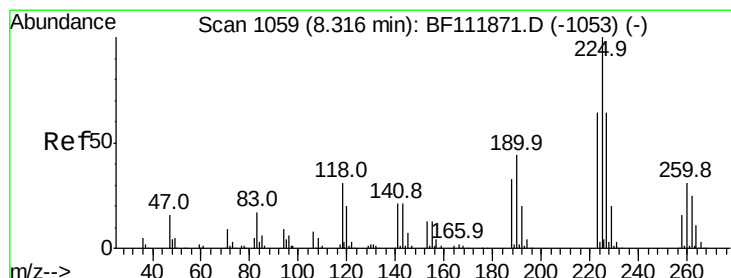
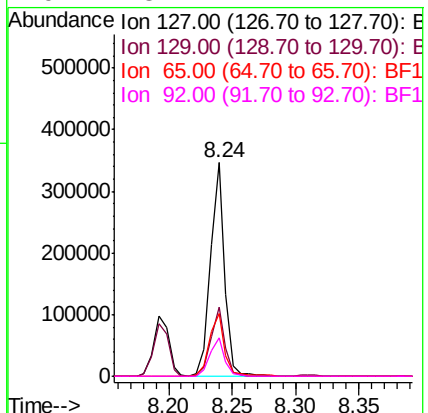
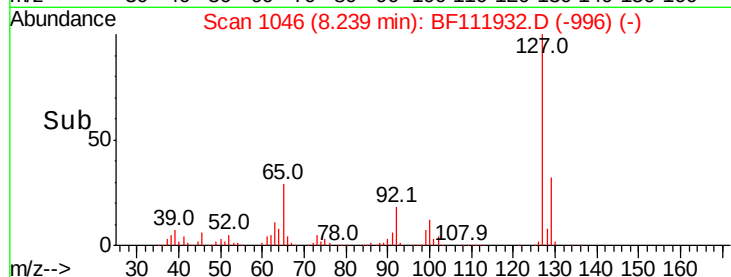
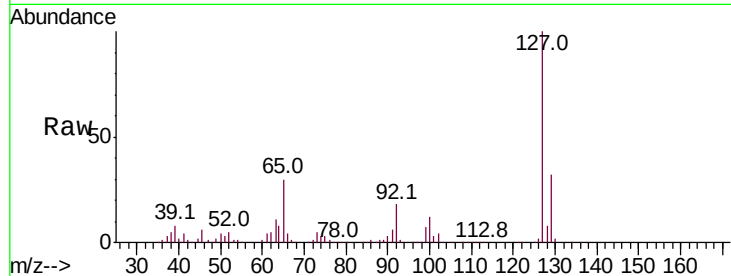




#33
4-Chloroaniline
Concen: 37.394 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

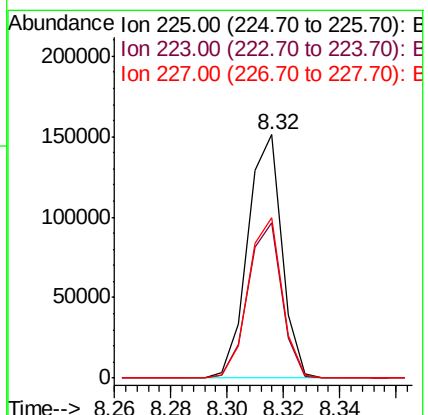
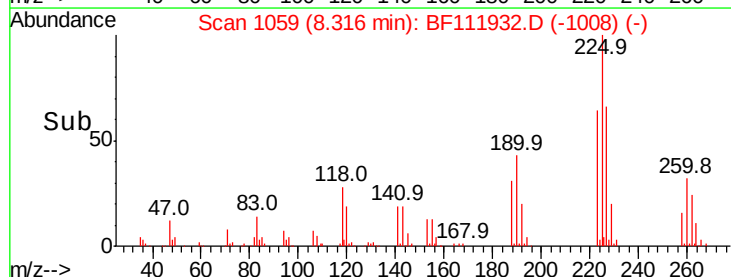
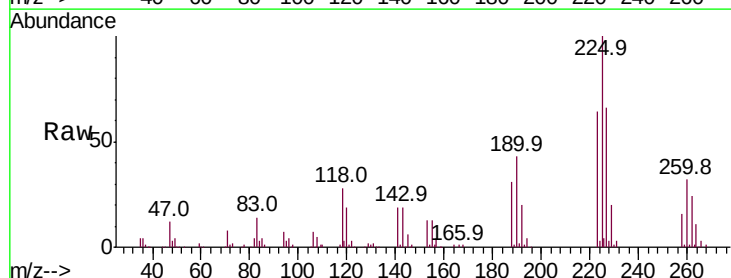
Instrument :
BNA_F
ClientSampleId :

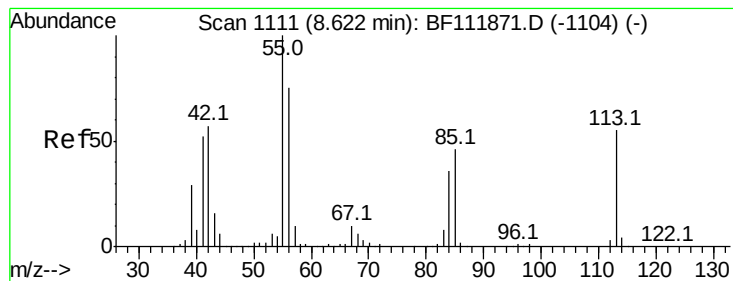
Tot Ion:	127	Resp:	274088
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	29.6	23.5	35.3
92	18.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 33.293 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:	225	Resp:	126548
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	65.9	51.4	77.0





#35

Caprolactam

Concen: 30.524 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

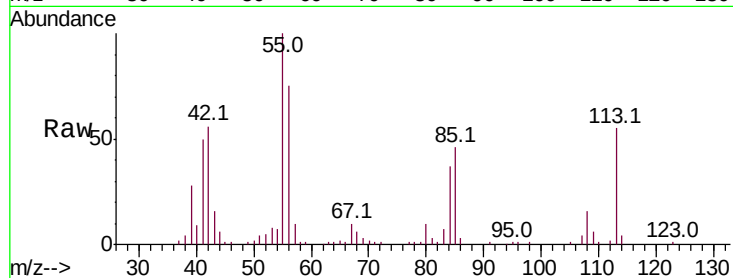
Tot Ion:113 Resp: 55195

Ion Ratio Lower Upper

113 100

55 180.3 162.0 202.0

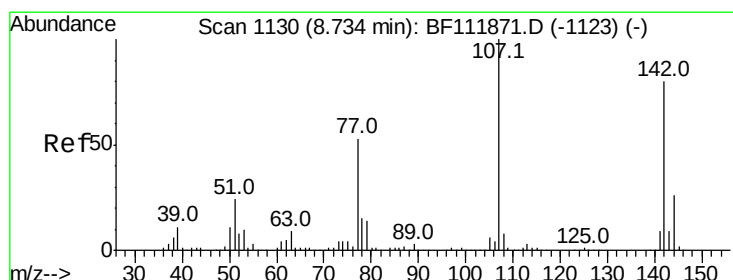
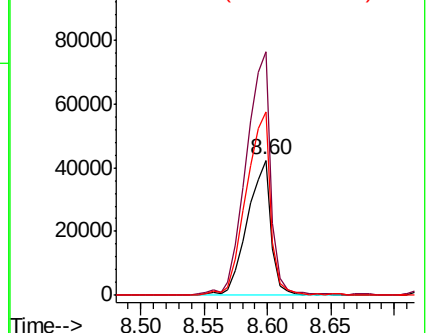
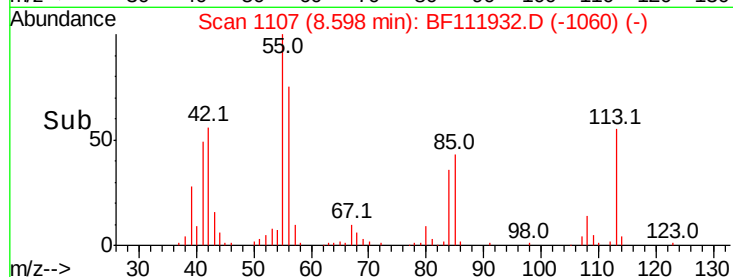
56 135.6 116.0 156.0



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: 30.231 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

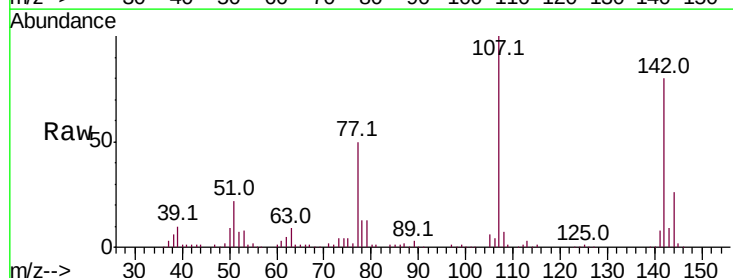
Tgt Ion:107 Resp: 166359

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

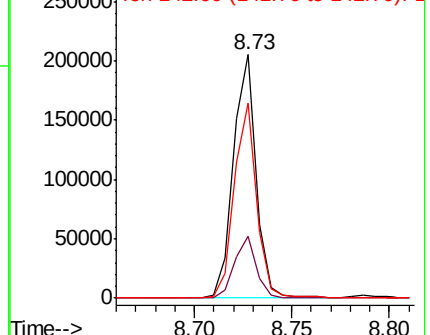
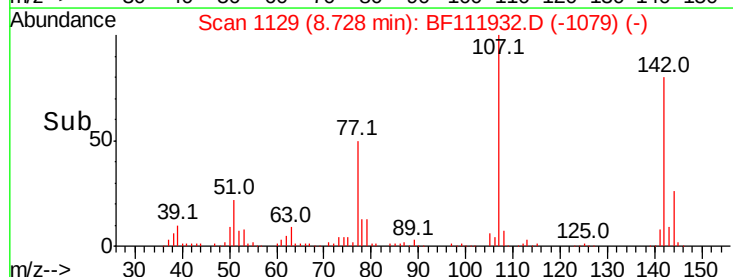
142 80.2 63.9 95.9

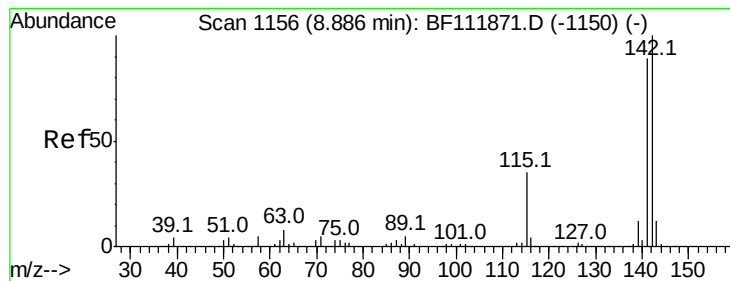


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.653 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

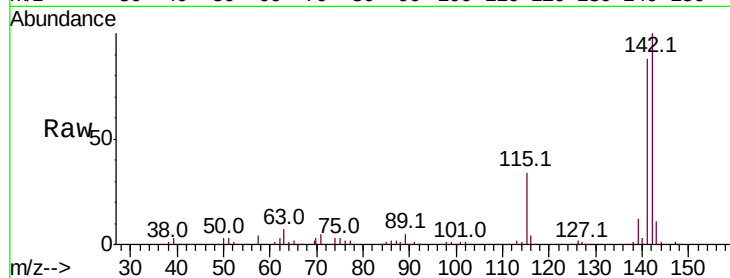
Tot Ion:142 Resp: 343079

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.2

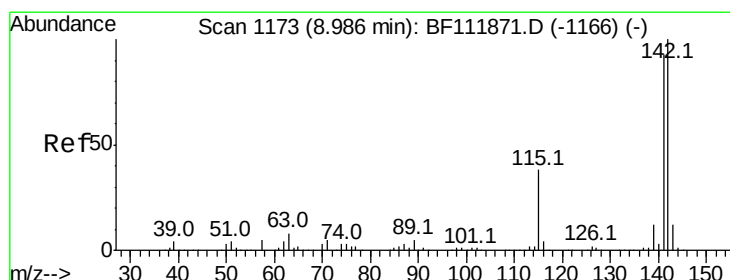
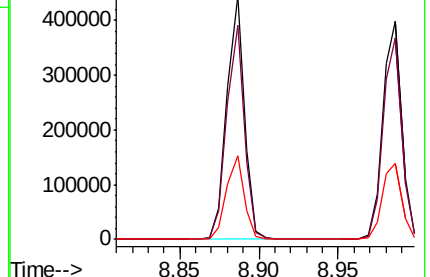
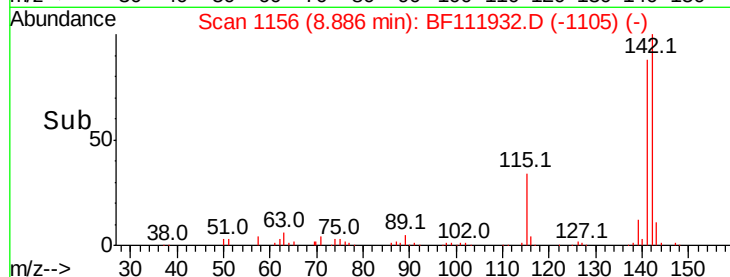
115 34.1 28.3 42.5



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: 32.795 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

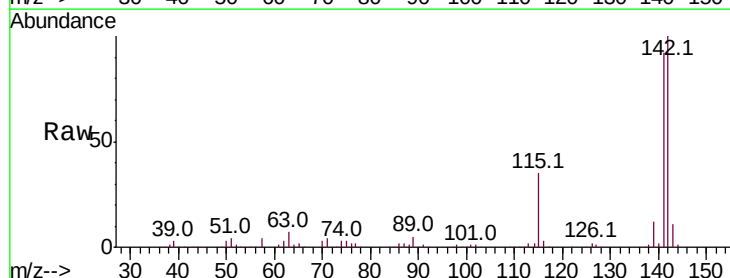
Tgt Ion:142 Resp: 330488

Ion Ratio Lower Upper

142 100

141 92.2 74.8 112.2

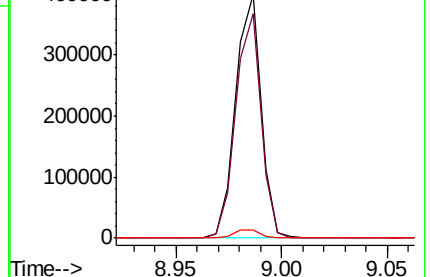
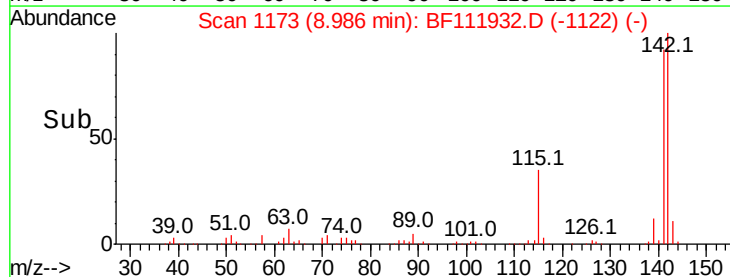
116 3.4 3.1 4.7

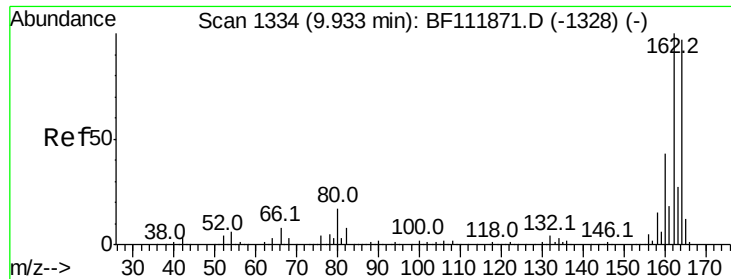


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

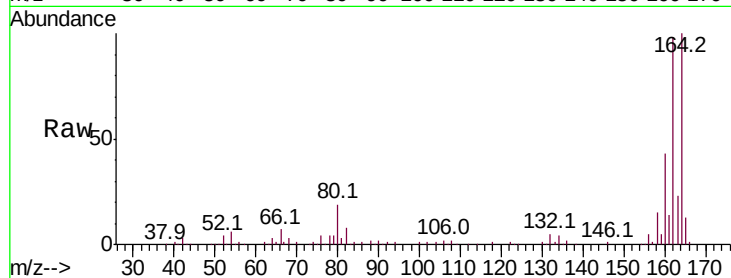
Tot Ion:164 Resp: 139886

Ion Ratio Lower Upper

164 100

162 98.4 82.2 123.2

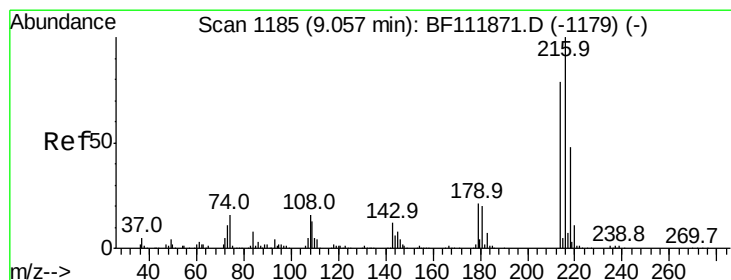
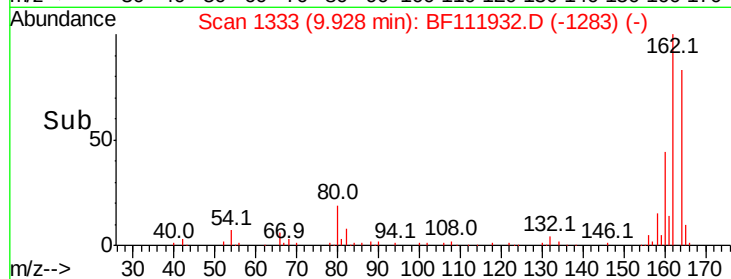
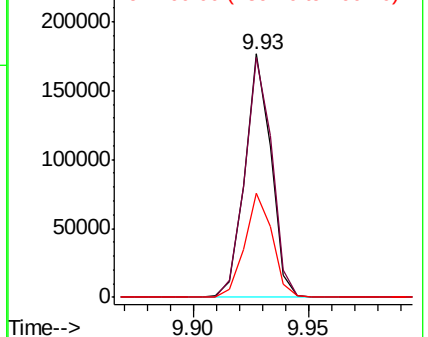
160 43.0 35.5 53.3



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: 41.846 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Tgt Ion:216 Resp: 186618

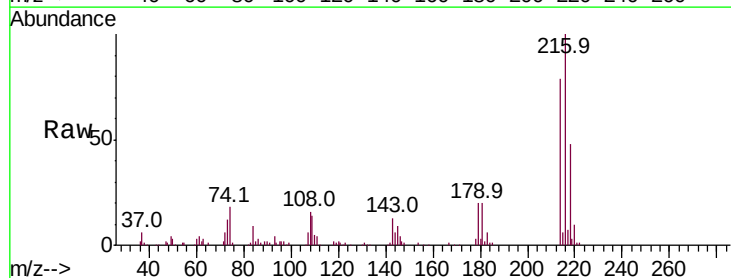
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.9 17.0 25.6

108 16.0 14.6 22.0

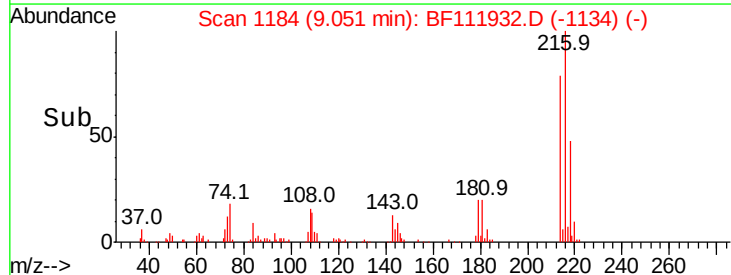
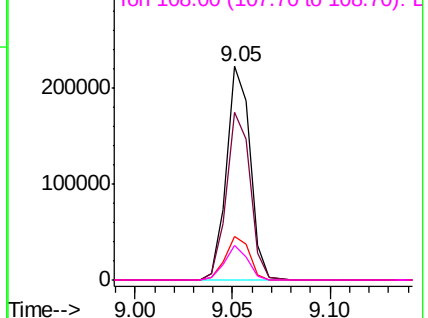


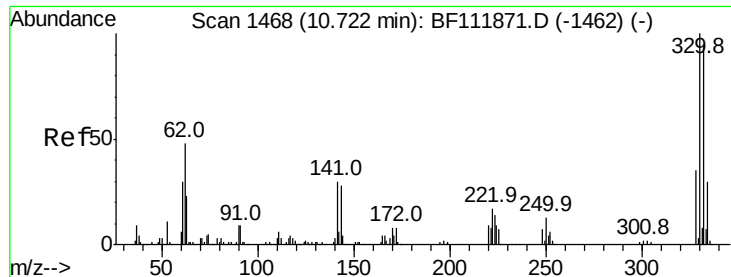
Abundance Ion 216.00 (215.70 to 216.70): E

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

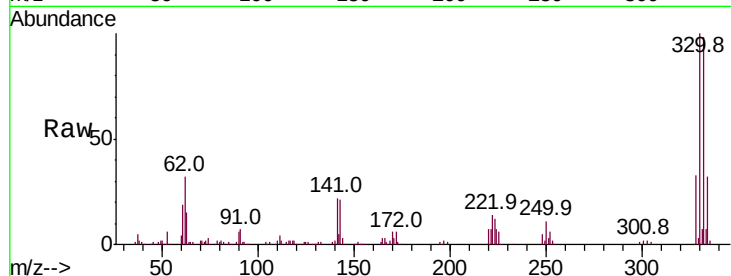




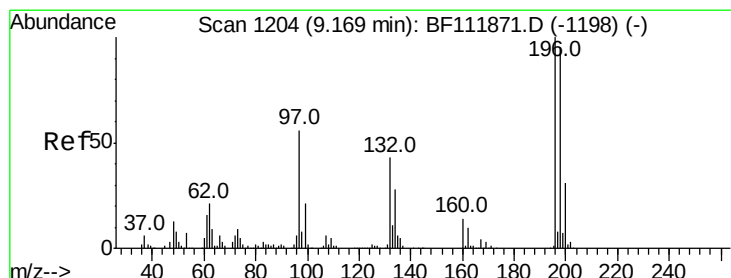
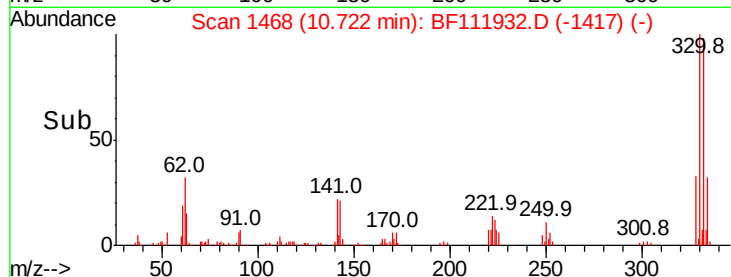
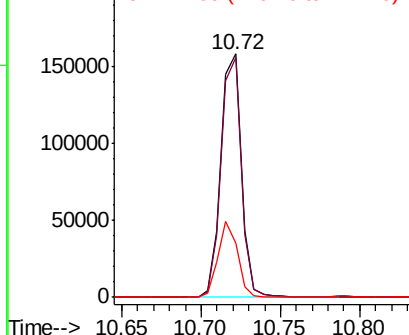
#42
 2,4,6-Tribromophenol
 Concen: 78.340 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 142539
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 29.6 23.7 35.5

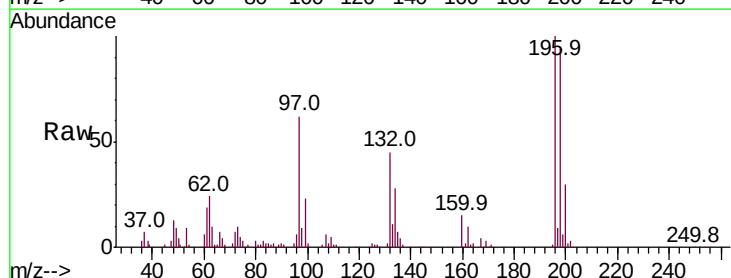


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

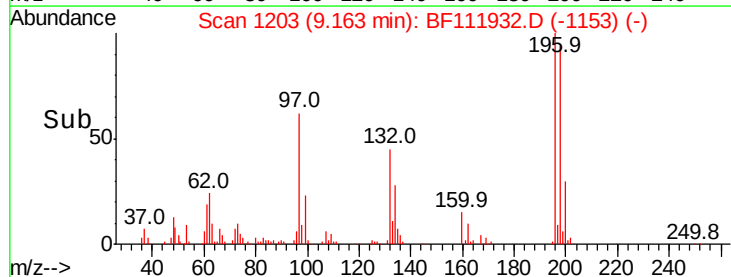
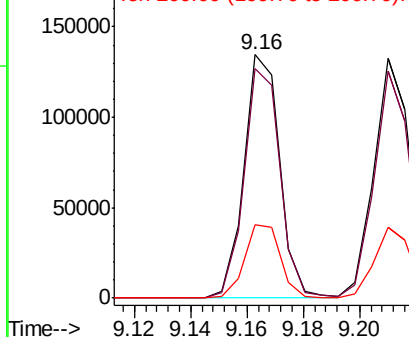


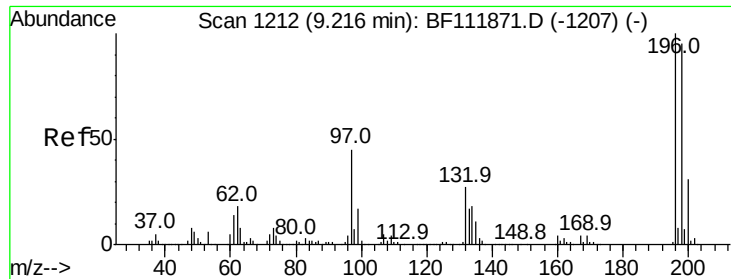
#43
 2,4,6-Trichlorophenol
 Concen: 39.071 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion:196 Resp: 118182
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.8 113.8
 200 30.1 24.5 36.7



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

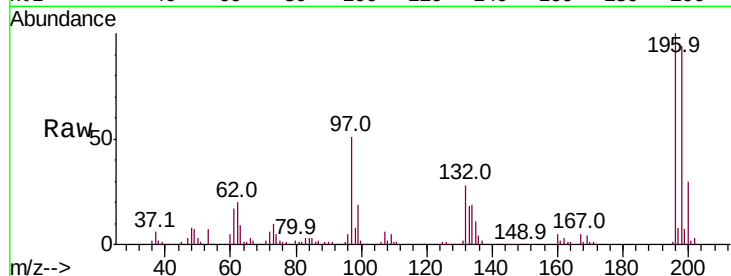




#44
 2,4,5-Trichlorophenol
 Concen: 38.651 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.2	114.2
97	50.5	36.4	54.6
132	27.6	21.7	32.5



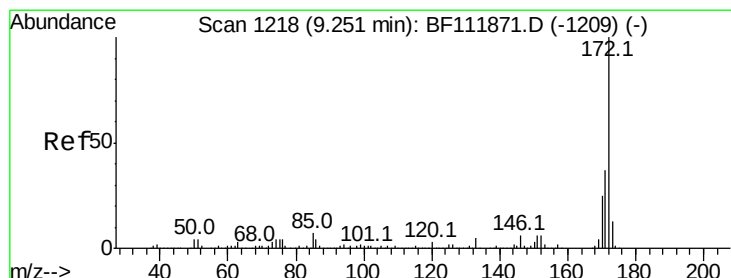
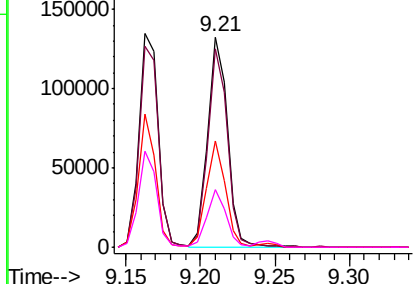
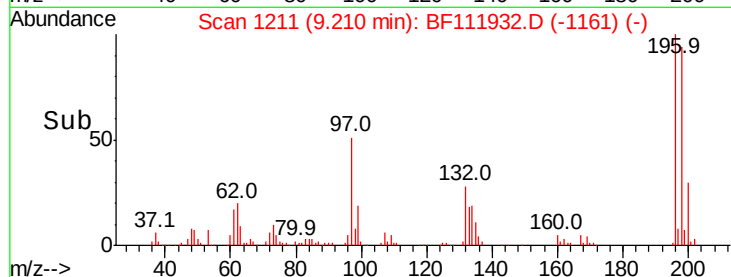
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

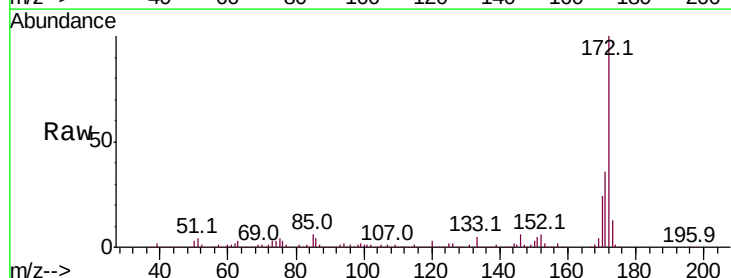
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.149 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	19.8	29.8

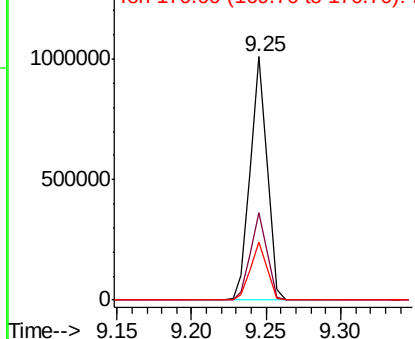
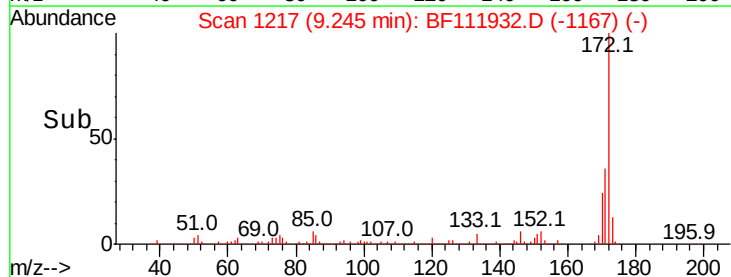


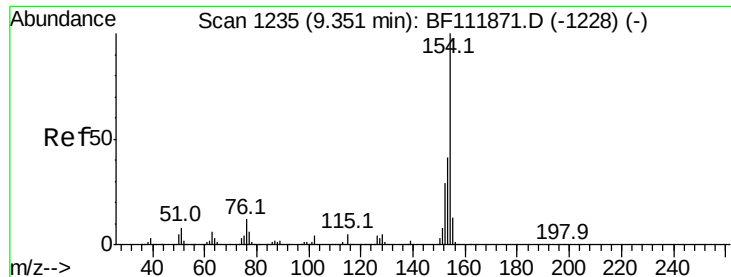
Abundance

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: 40.196 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

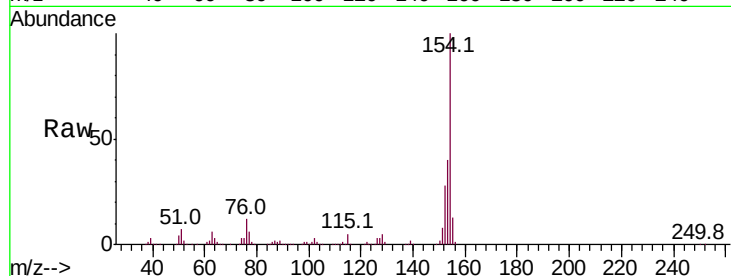
Tot Ion:154 Resp: 470338

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

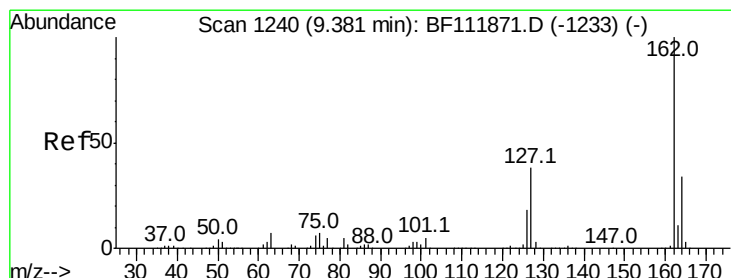
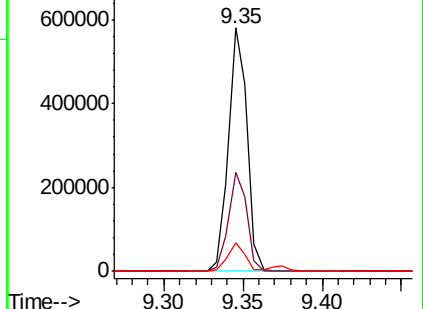
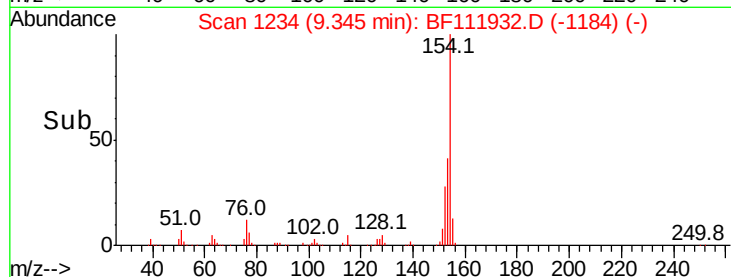
76 11.9 0.0 32.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 39.668 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

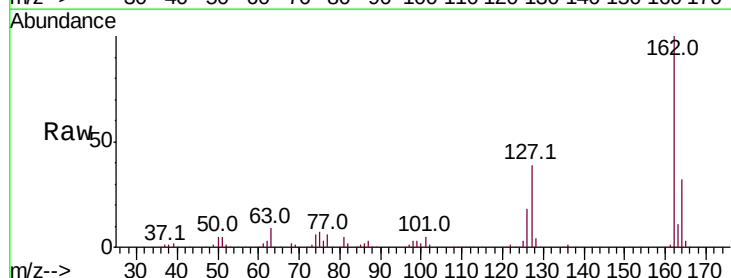
Tgt Ion:162 Resp: 364295

Ion Ratio Lower Upper

162 100

127 38.6 31.2 46.8

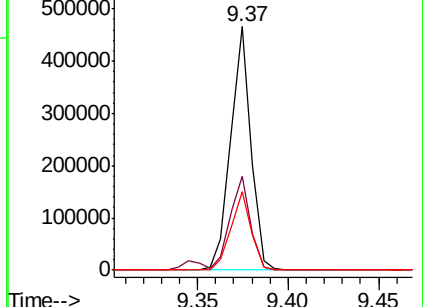
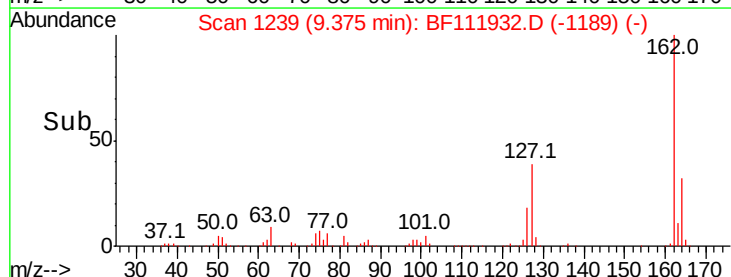
164 32.1 27.0 40.6

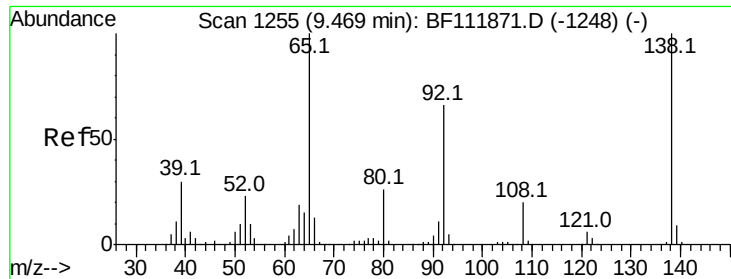


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

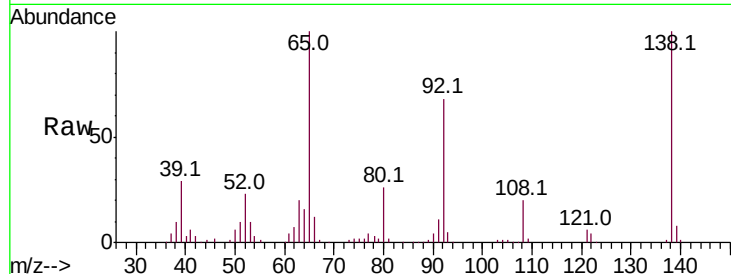




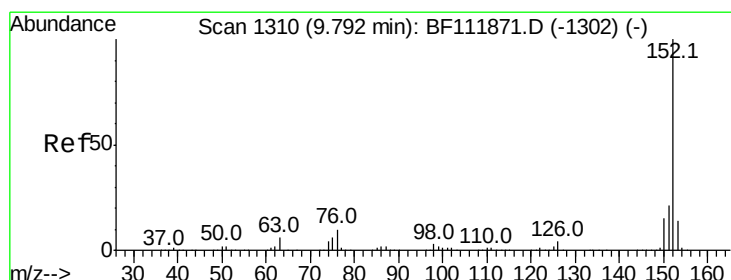
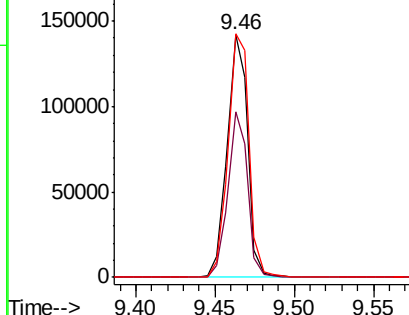
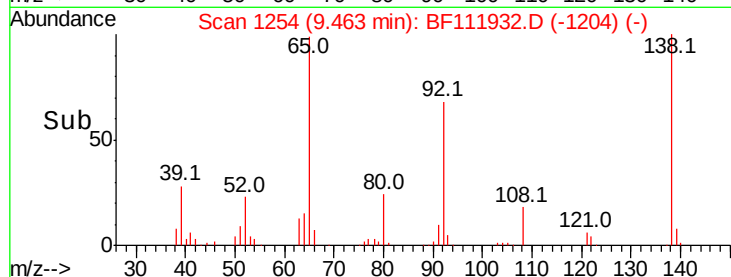
#48
2-Nitroaniline
Concen: 45.110 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 126656
Ion Ratio Lower Upper
65 100
92 68.1 52.5 78.7
138 100.4 79.8 119.6

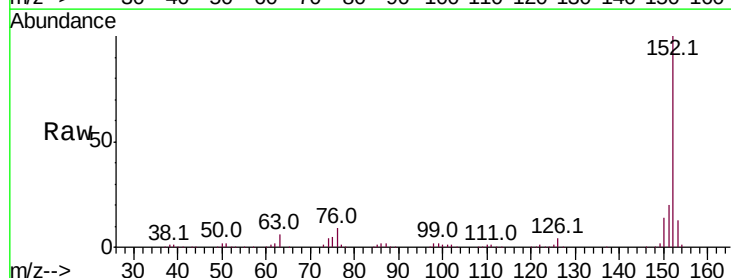


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

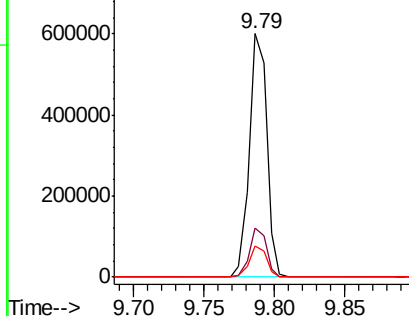
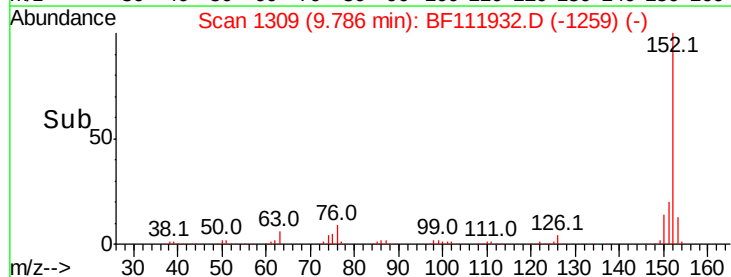


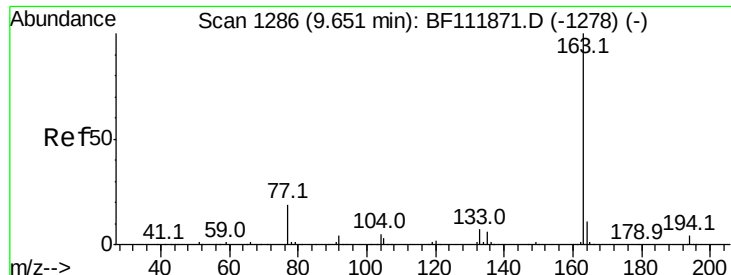
#49
Acenaphthylene
Concen: 38.707 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion: 152 Resp: 525530
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 13.0 11.0 16.4



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

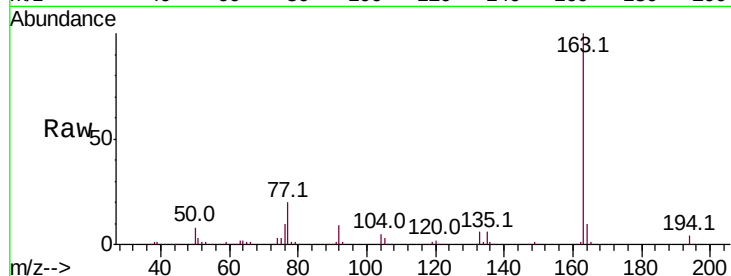




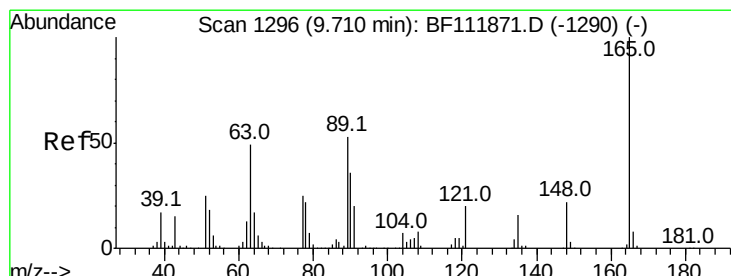
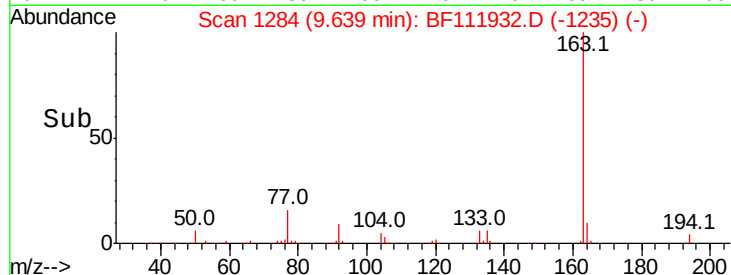
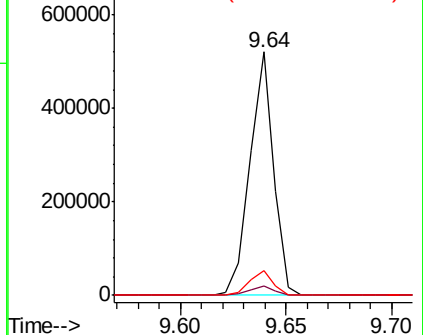
#50
Dimethylphthalate
Concen: 38.723 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.2	8.5	12.7

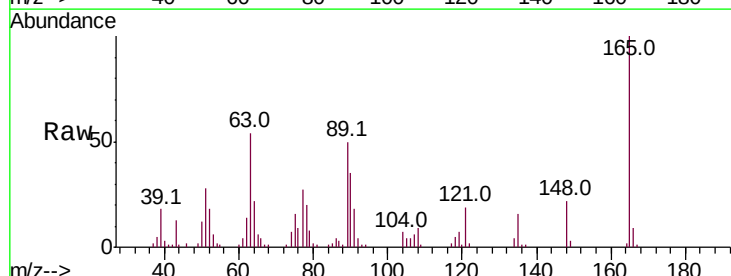


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

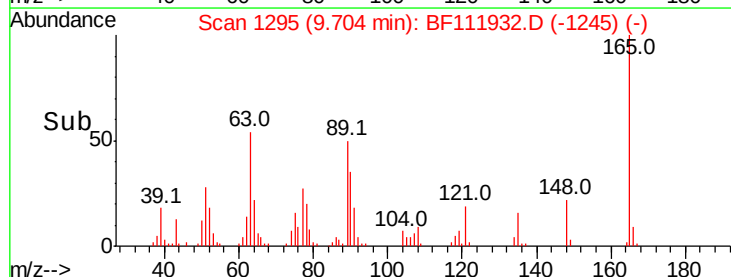
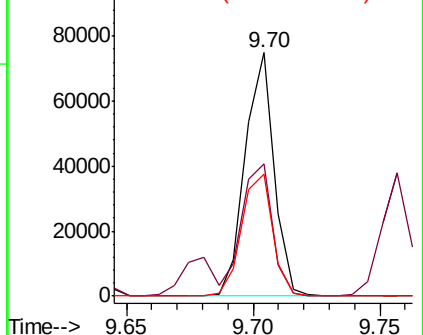


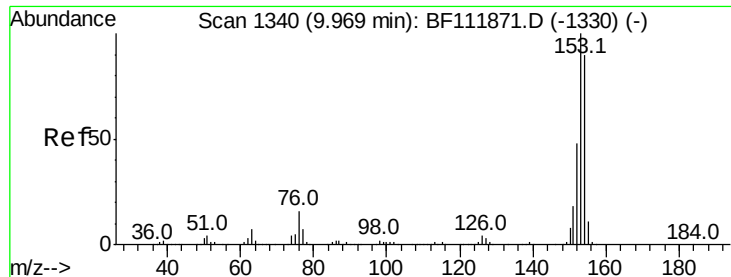
#51
2,6-Dinitrotoluene
Concen: 25.367 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.4	46.2	69.2
89	50.2	42.2	63.2



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: 35.668 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

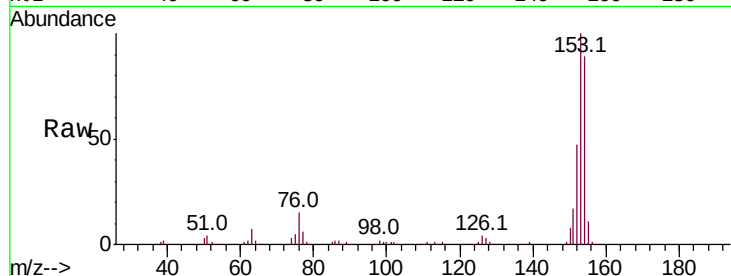
Tot Ion:154 Resp: 312199

Ion Ratio Lower Upper

154 100

153 112.1 89.4 134.0

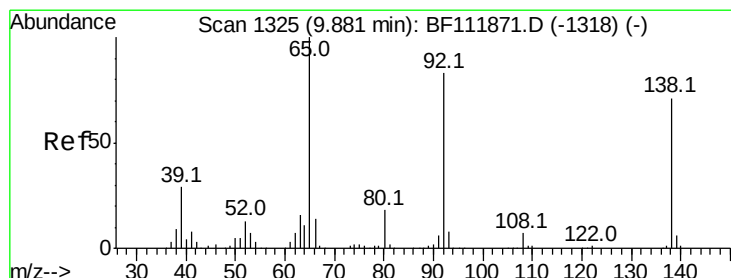
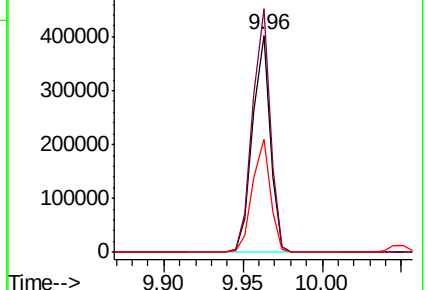
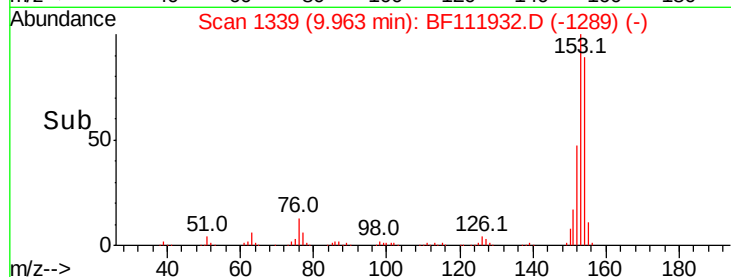
152 52.4 43.1 64.7



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: 46.754 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

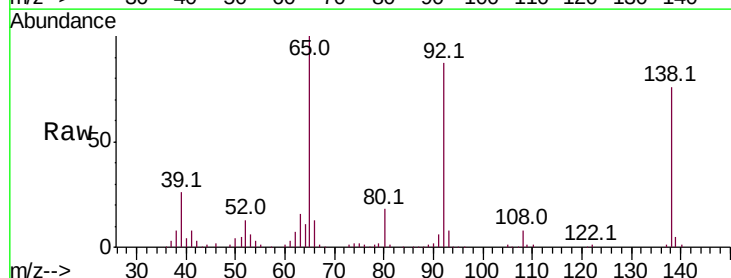
Tgt Ion:138 Resp: 117656

Ion Ratio Lower Upper

138 100

108 10.5 8.2 12.4

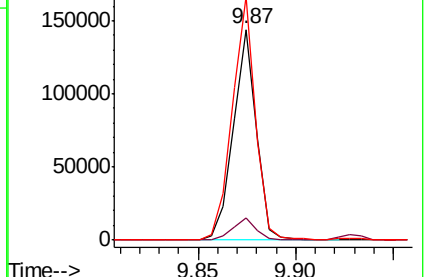
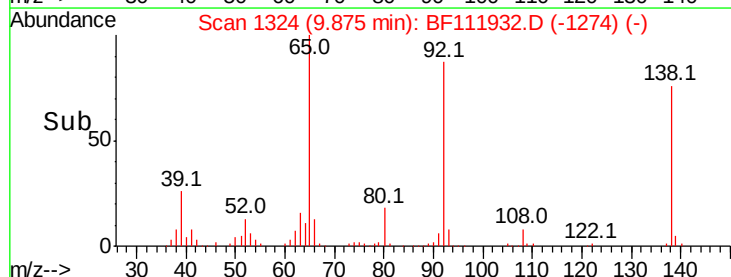
92 115.5 93.5 140.3

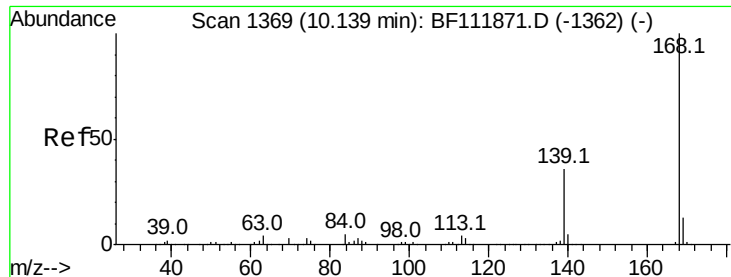


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#55

Dibenzenofuran

Concen: 38.492 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

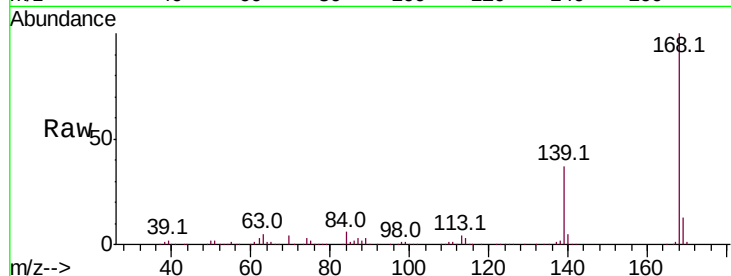
Tot Ion:168 Resp: 489986

Ion Ratio Lower Upper

168 100

139 36.8 29.3 43.9

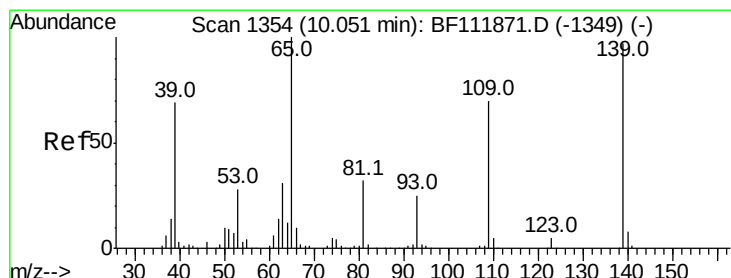
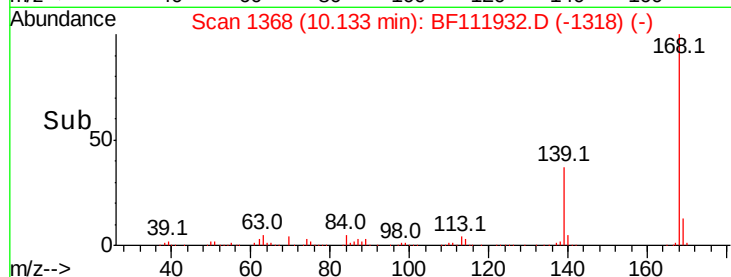
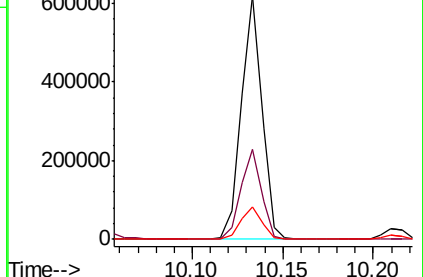
169 13.4 10.6 16.0



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: 33.930 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

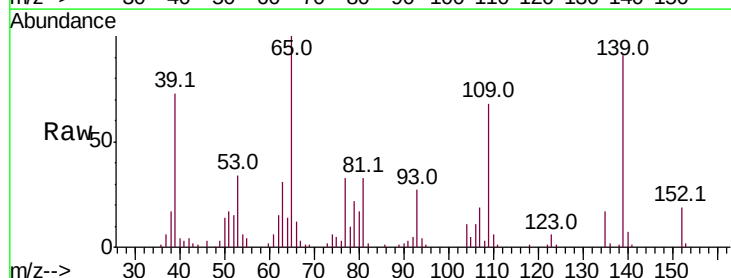
Tgt Ion:139 Resp: 60331

Ion Ratio Lower Upper

139 100

109 75.4 52.2 92.2

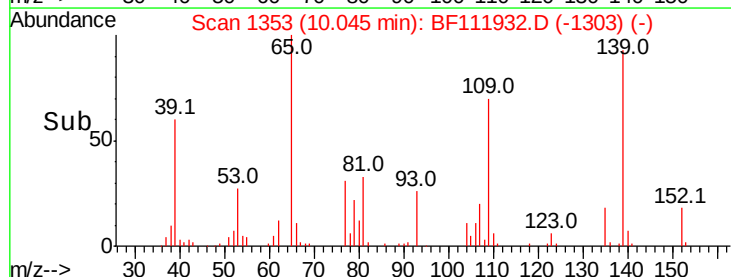
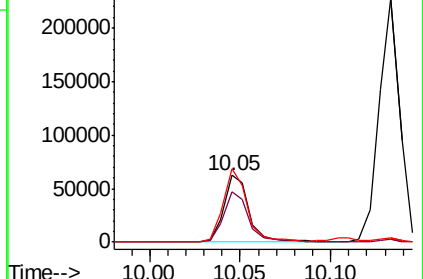
65 110.2 83.1 123.1

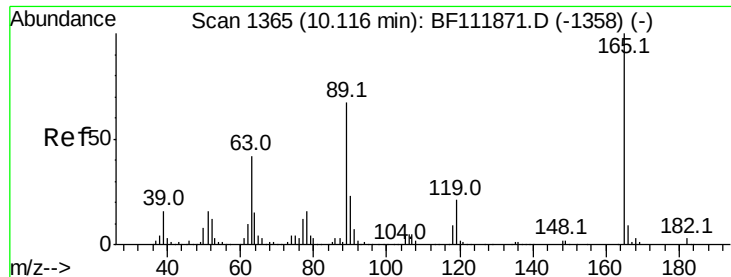


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

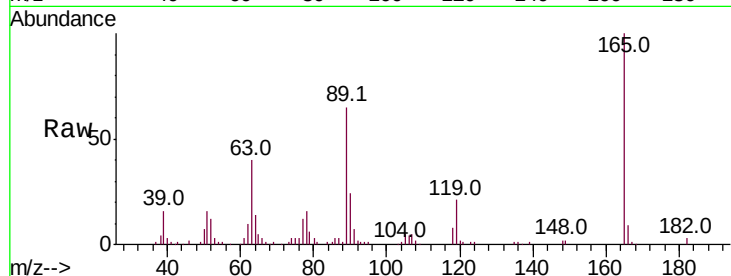




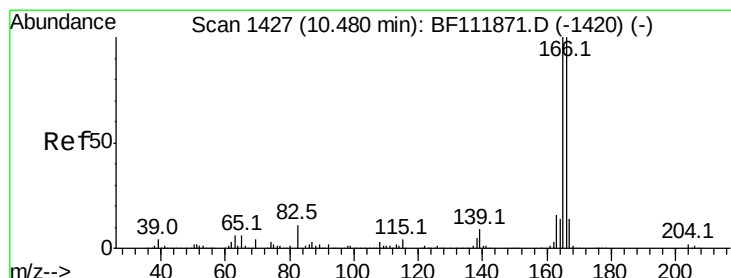
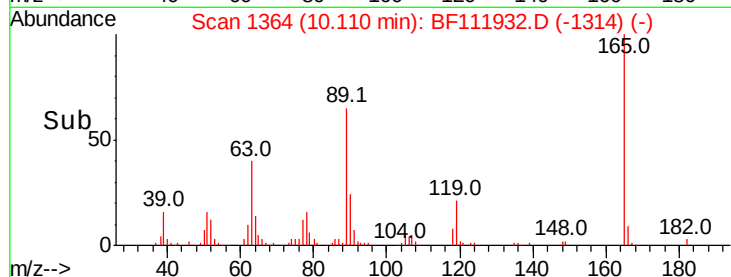
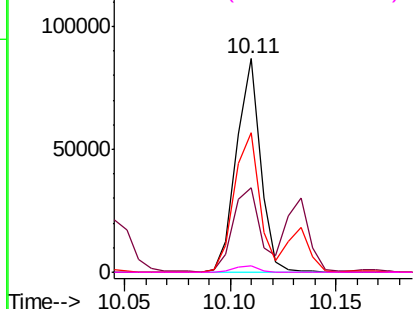
#57
2,4-Dinitrotoluene
Concen: 22.423 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	34.1	51.1
89	65.0	53.5	80.3
182	3.2	2.0	3.0

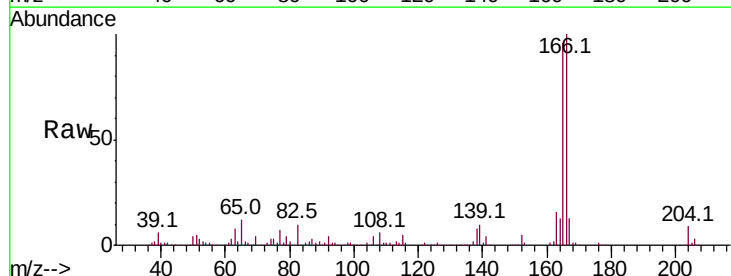


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

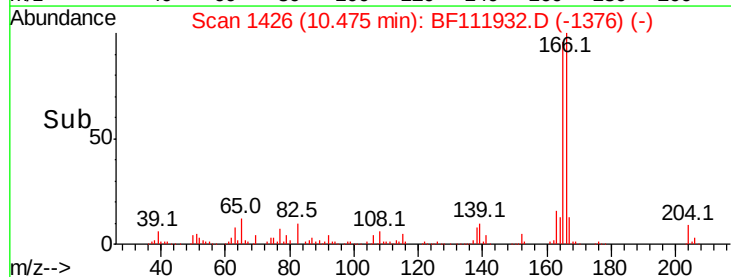
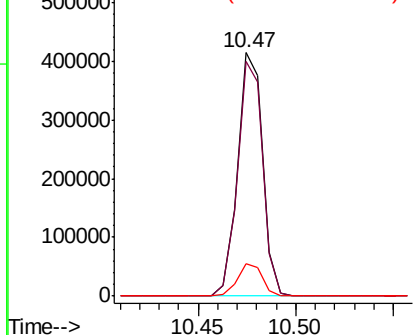


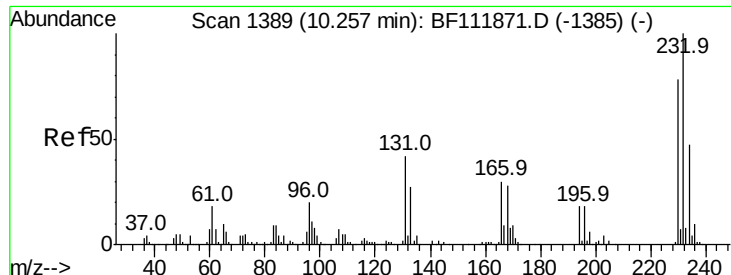
#58
Fluorene
Concen: 39.543 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.7	119.5
167	13.4	11.1	16.7



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

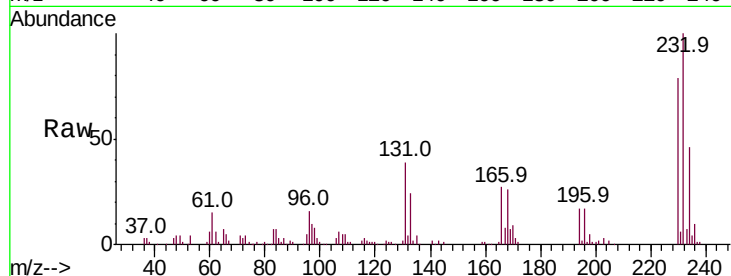




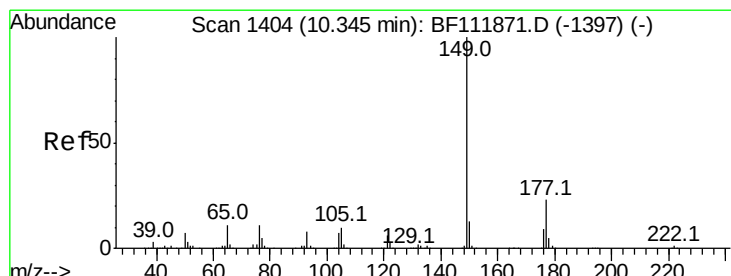
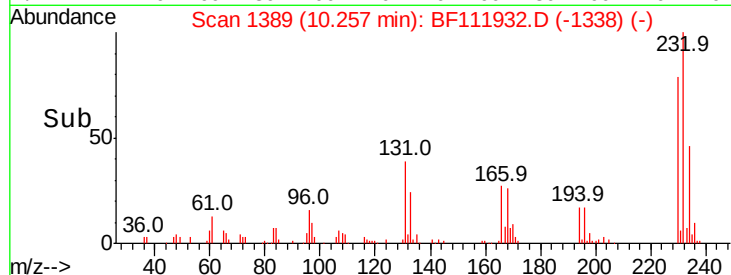
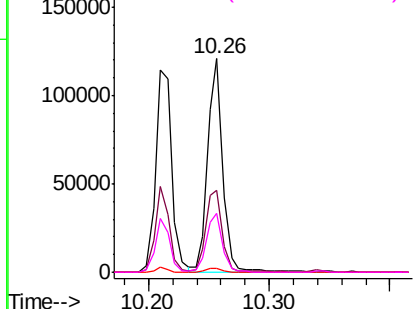
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.488 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	105441
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.0	51.0
130	1.9	1.6	2.4
166	28.5	23.4	35.0

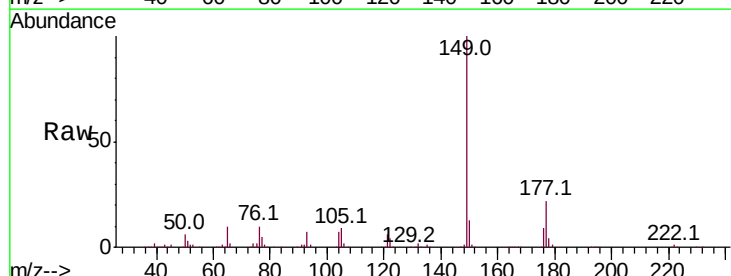


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

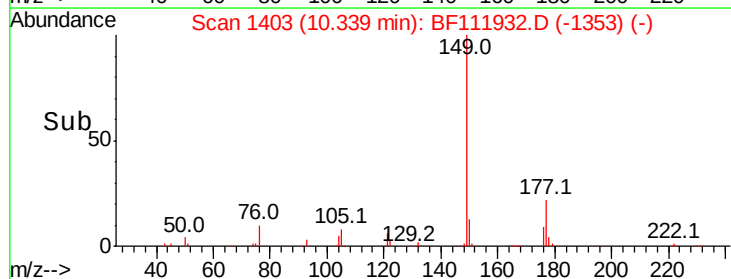
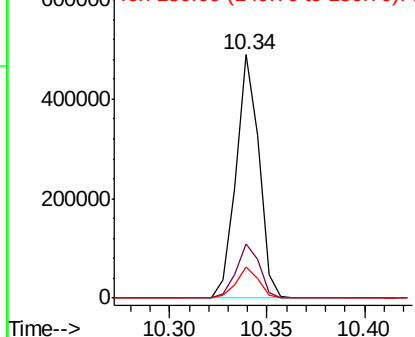


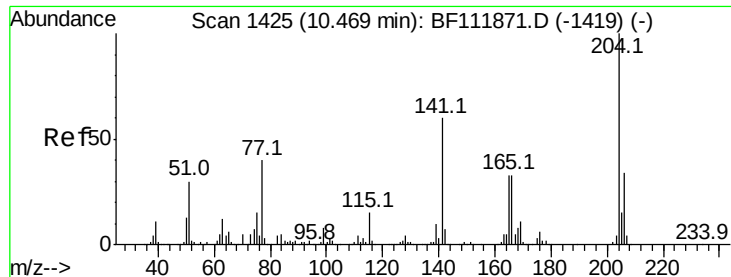
#60
 Diethylphthalate
 Concen: 39.179 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion:	149	Resp:	398428
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	12.9	10.2	15.4



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

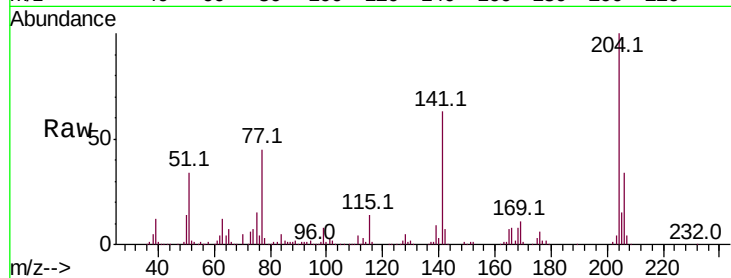




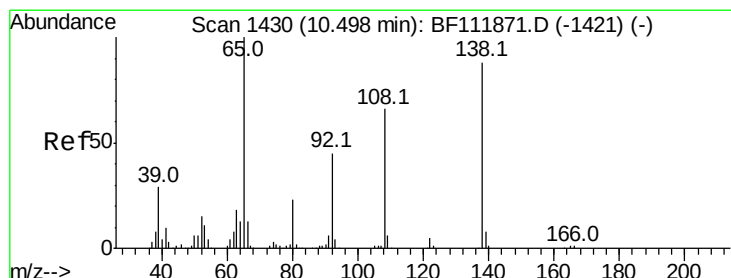
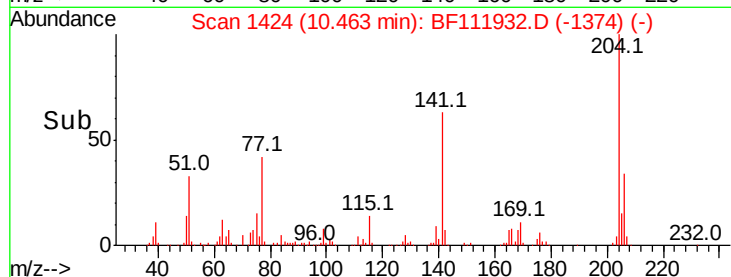
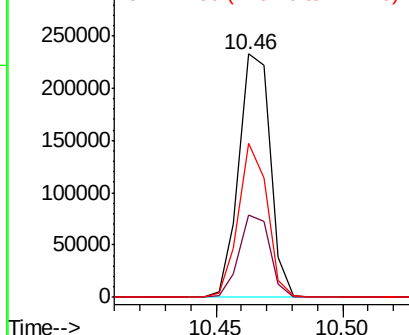
#61
4-Chlorophenyl-phenylether
Concen: 38.730 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 201166
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 63.1 47.9 71.9

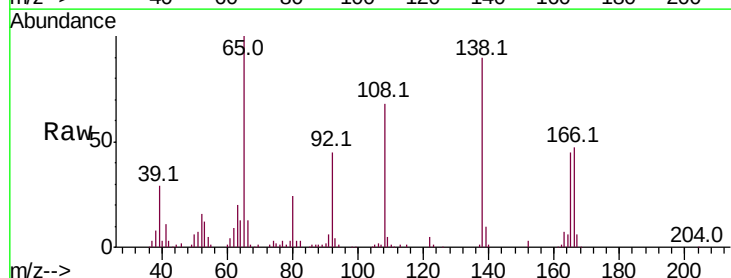


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

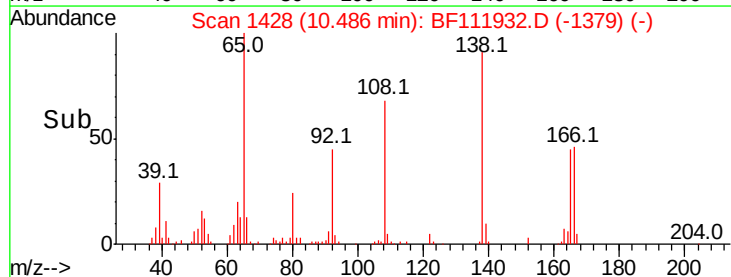
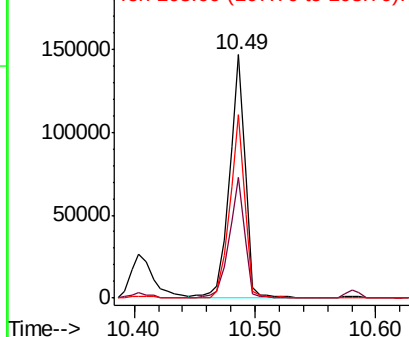


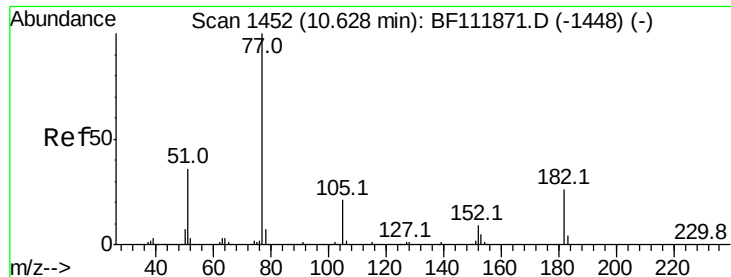
#62
4-Nitroaniline
Concen: 55.744 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:138 Resp: 133055
Ion Ratio Lower Upper
138 100
92 49.7 31.0 71.0
108 75.6 54.7 94.7



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





#63

Azobenzene

Concen: 37.305 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 362408

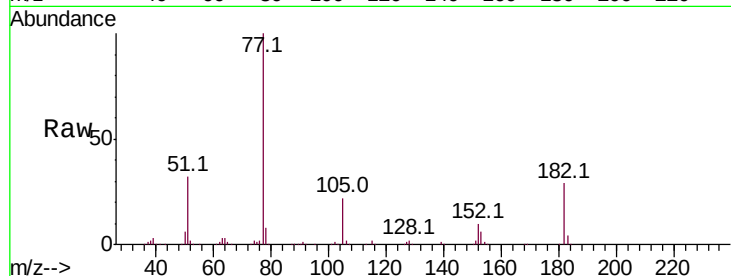
Ion Ratio Lower Upper

77 100

182 29.1 5.7 45.7

105 21.9 0.8 40.8

51 32.1 15.6 55.6

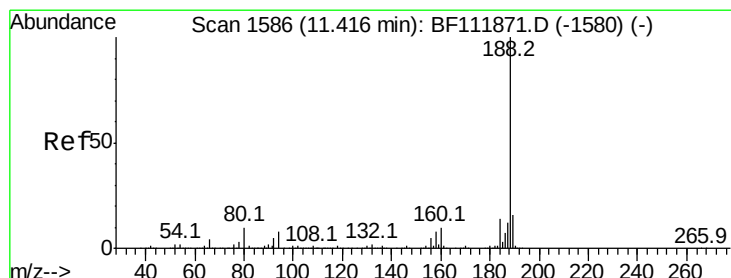
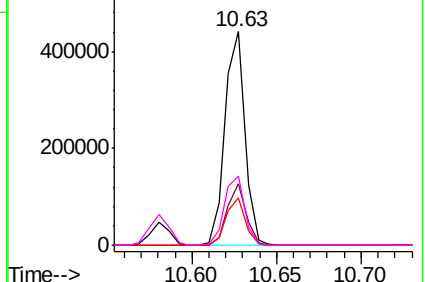
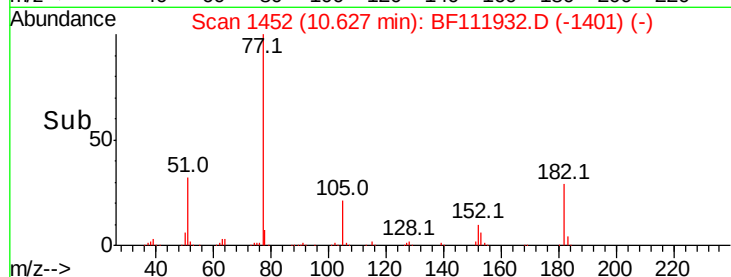


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

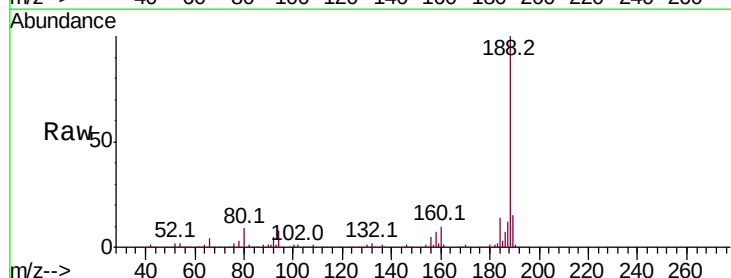
Tgt Ion: 188 Resp: 282614

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

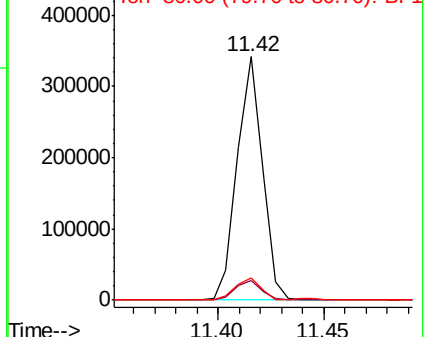
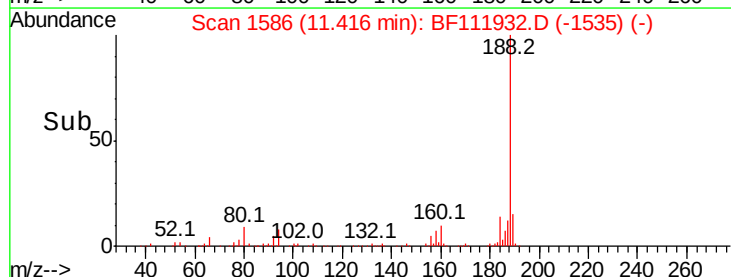
80 8.9 7.7 11.5

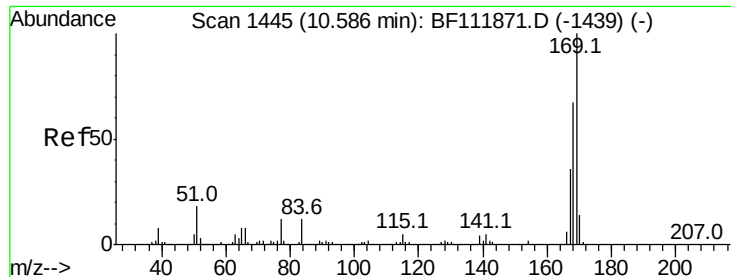


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

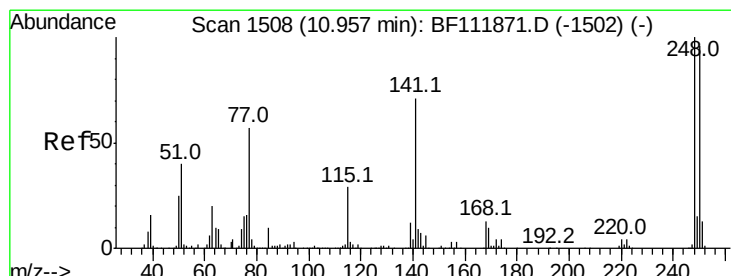
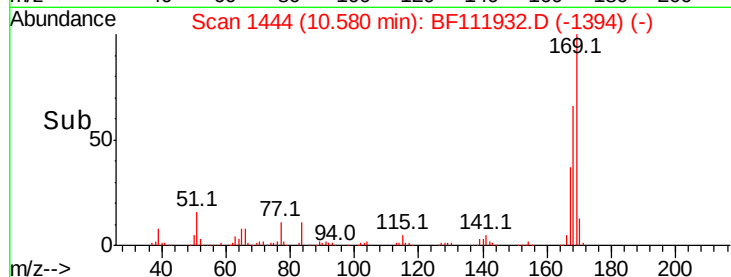
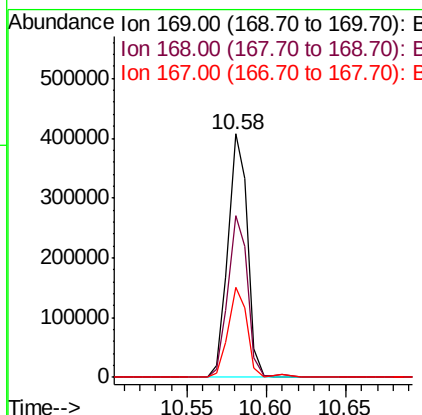
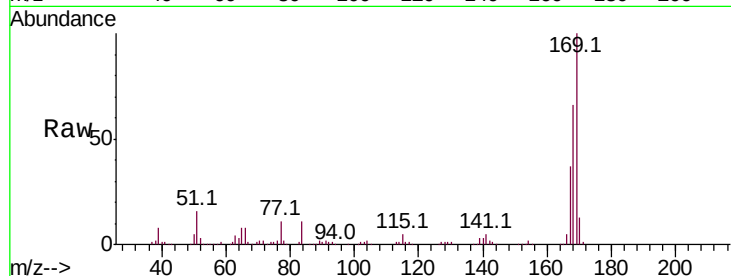




#66
 n-Nitrosodiphenylamine
 Concen: 36.716 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

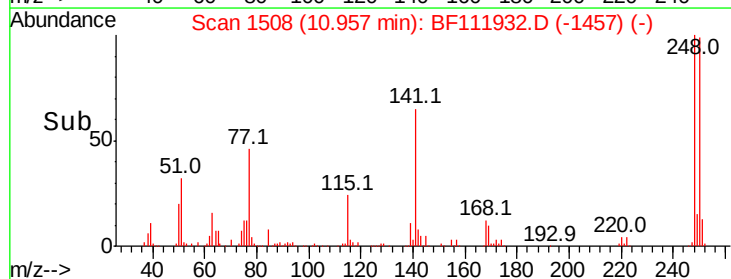
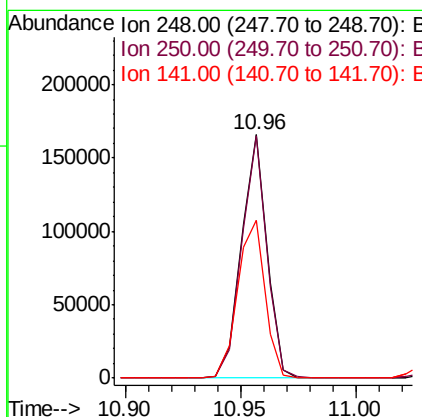
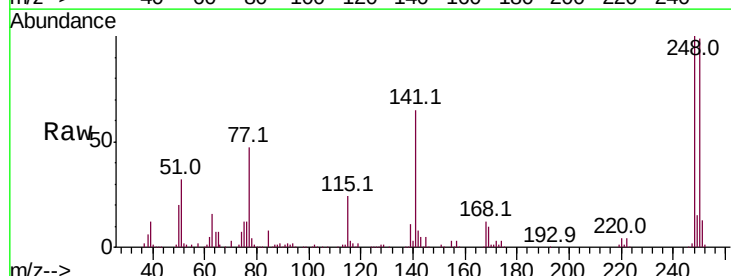
Instrument :
 BNA_F
 ClientSampleId :

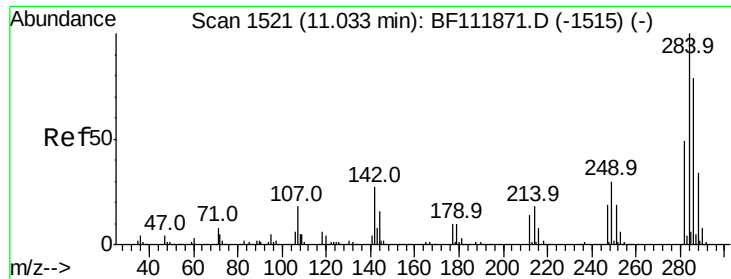
Tot Ion:169 Resp: 348209
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.8 80.6
 167 37.1 29.1 43.7



#67
 4-Bromophenyl-phenylether
 Concen: 35.174 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion:248 Resp: 128755
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.8 115.2
 141 65.1 57.0 85.6

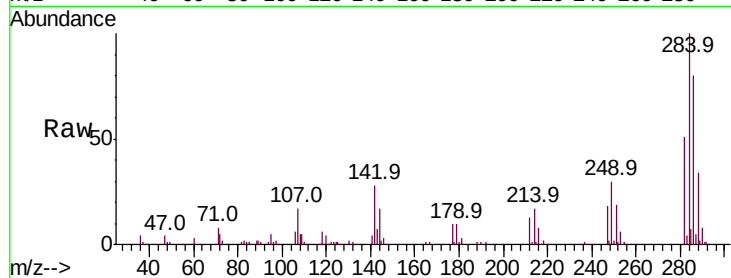




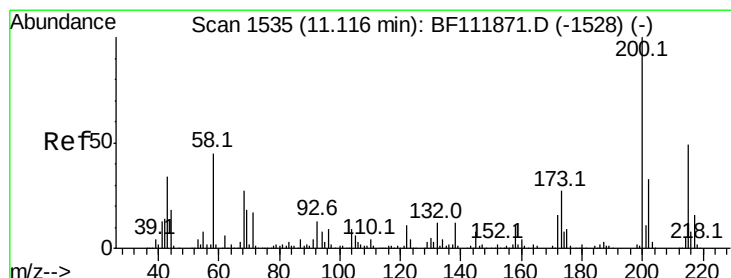
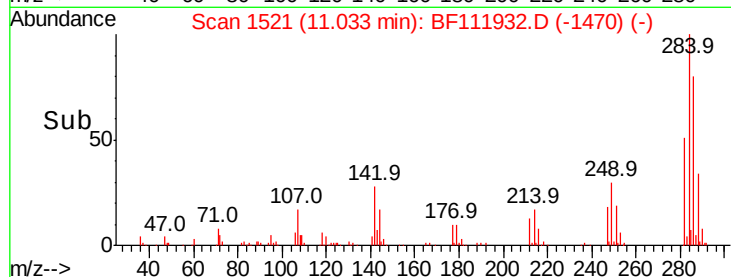
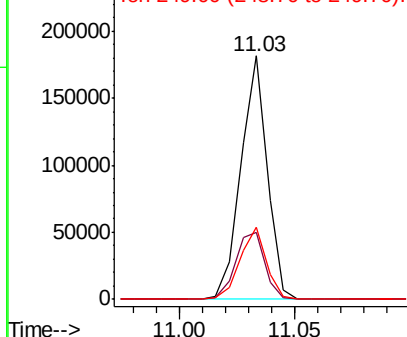
#68
Hexachlorobenzene
Concen: 35.750 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 145030
Ion Ratio Lower Upper
284 100
142 27.5 21.8 32.6
249 29.7 23.8 35.6

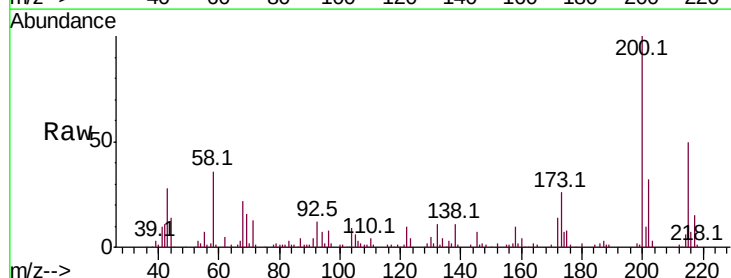


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

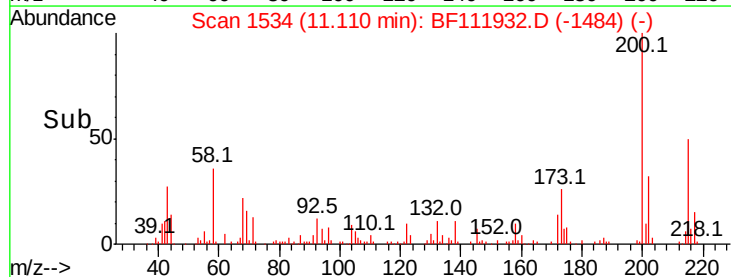
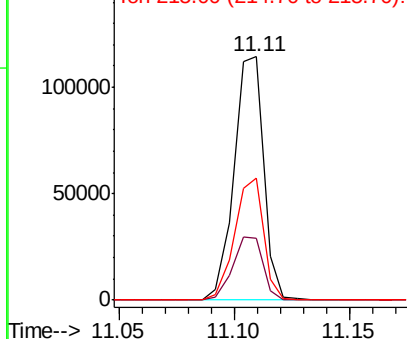


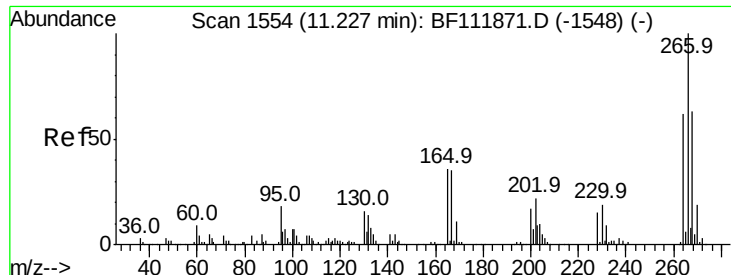
#69
Atrazine
Concen: 30.755 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:200 Resp: 102478
Ion Ratio Lower Upper
200 100
173 25.5 6.6 46.6
215 50.0 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

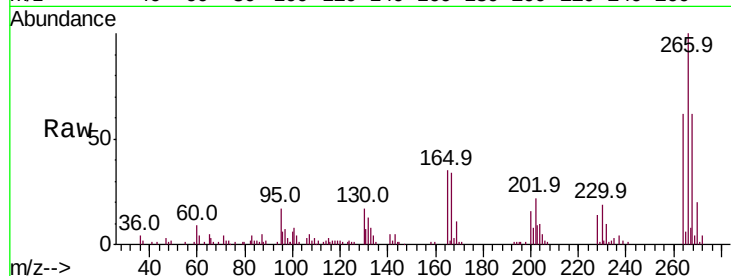




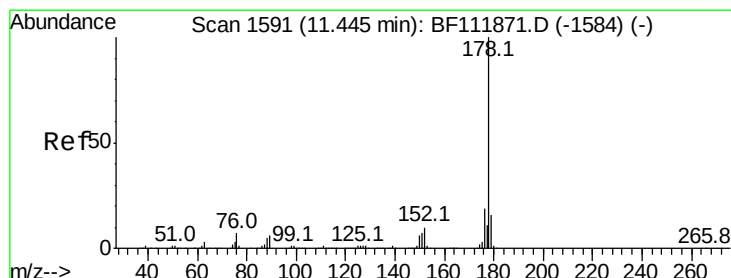
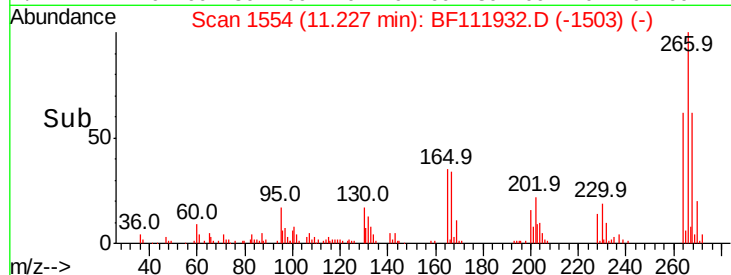
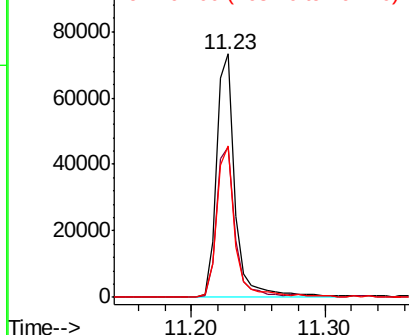
#70
 Pentachlorophenol
 Concen: 31.299 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 72253
 Ion Ratio Lower Upper
 266 100
 268 61.7 50.6 76.0
 264 62.2 49.3 73.9

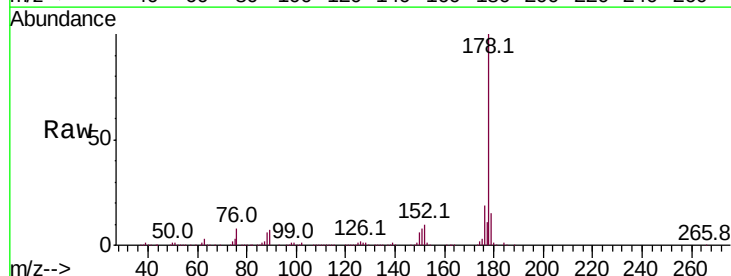


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

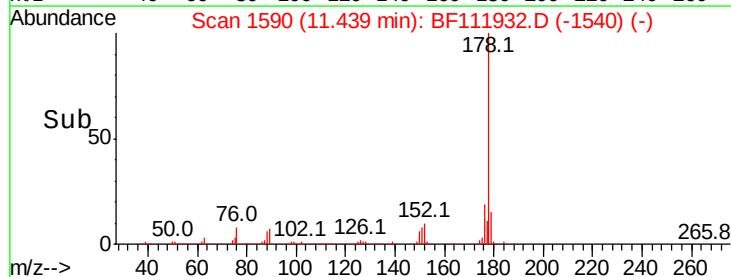
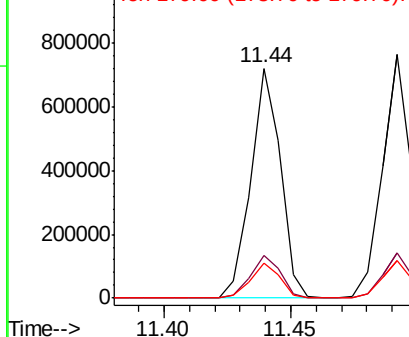


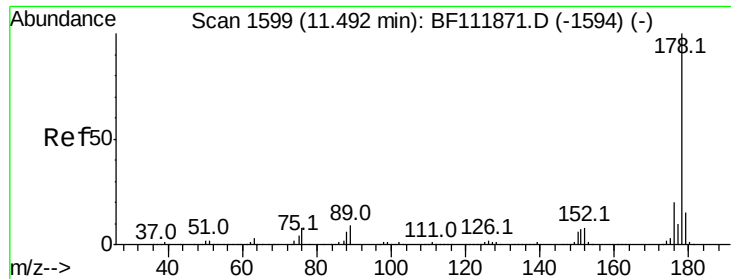
#71
 Phenanthrene
 Concen: 39.112 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion:178 Resp: 590987
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

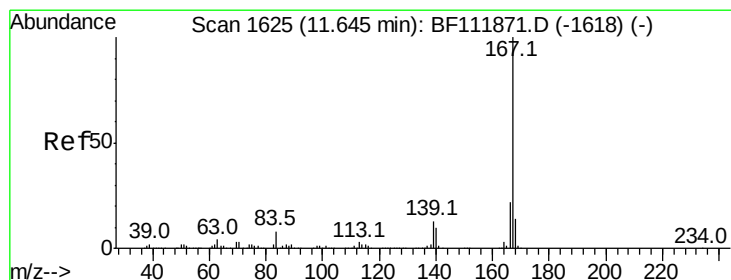
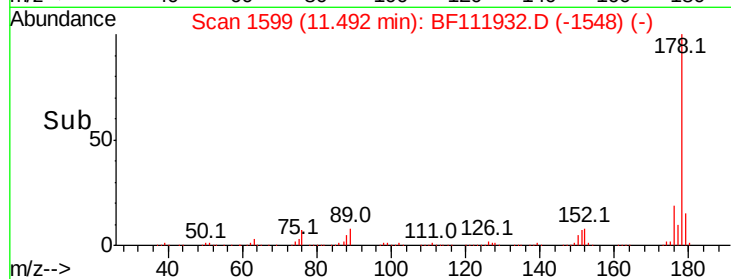
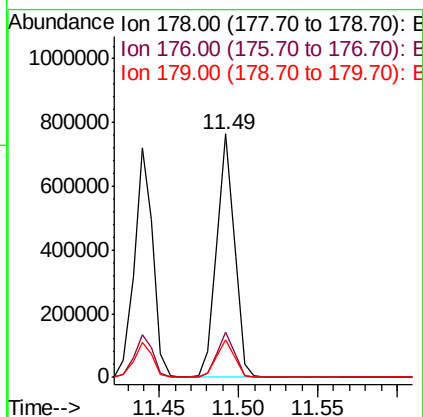
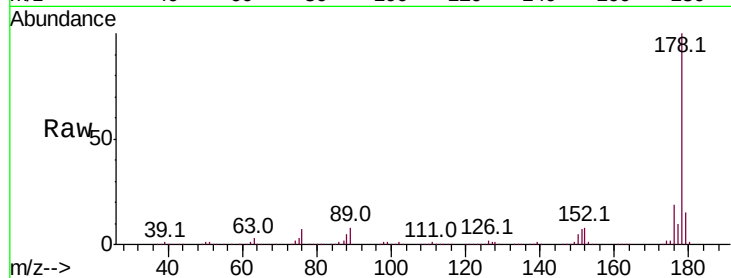




#72
 Anthracene
 Concen: 39.072 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

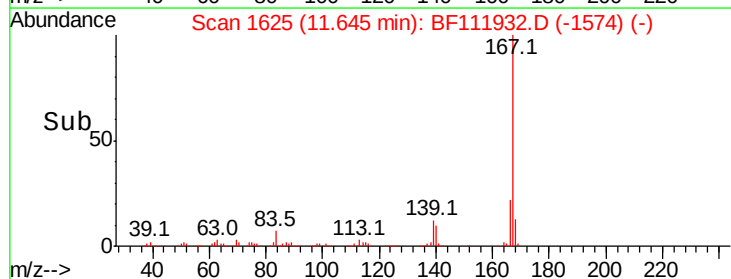
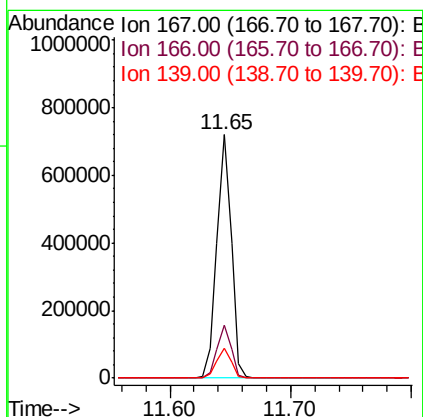
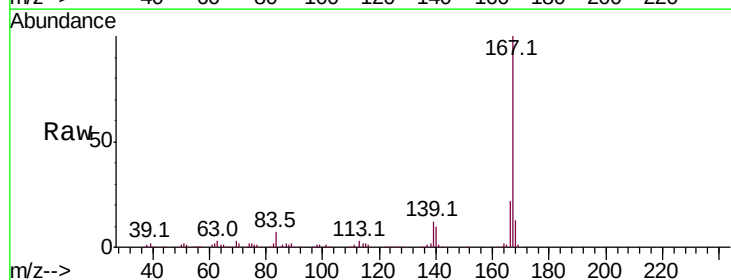
Instrument :
 BNA_F
 ClientSampled :

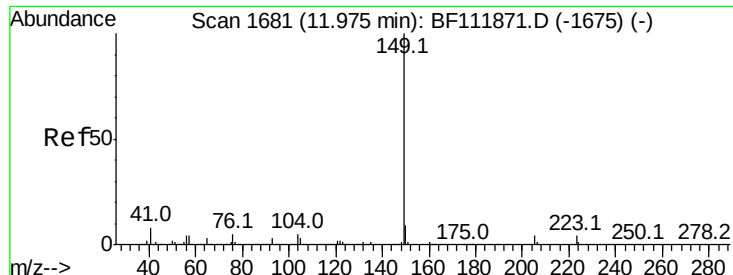
Tot Ion:178 Resp: 599316
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.7 23.5
 179 15.4 12.4 18.6



#73
 Carbazole
 Concen: 39.572 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Tgt Ion:167 Resp: 590422
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 12.4 10.6 16.0

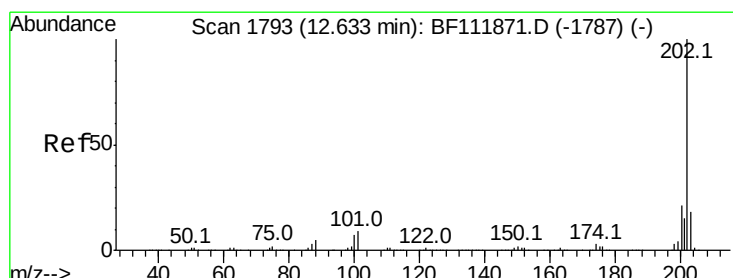
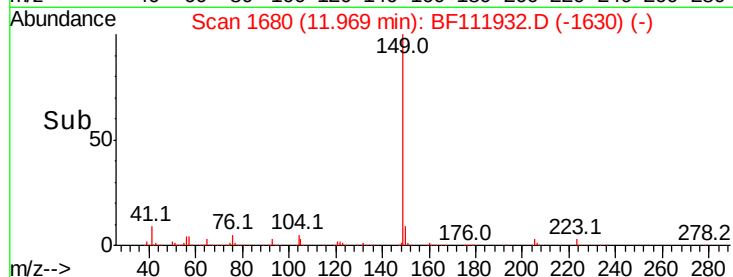
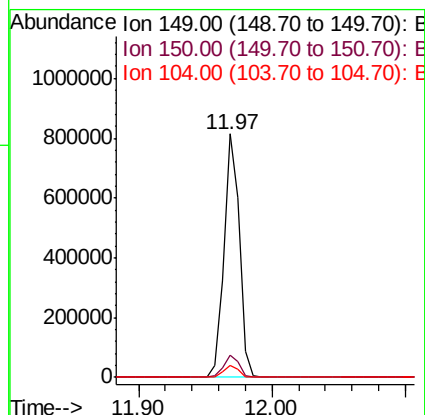
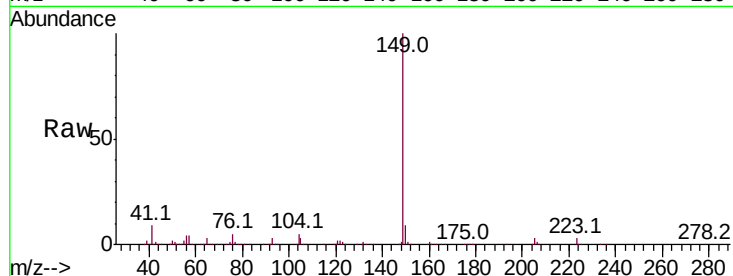




#74
Di-n-butylphthalate
Concen: 38.298 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

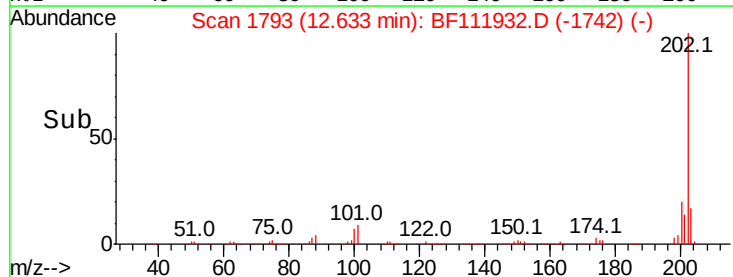
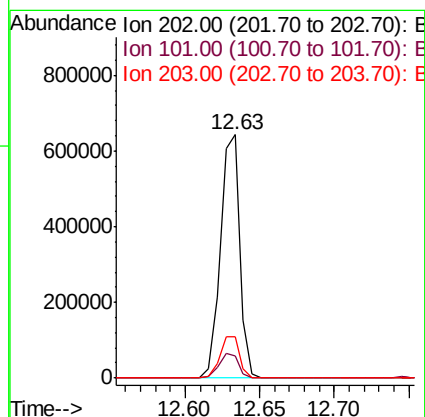
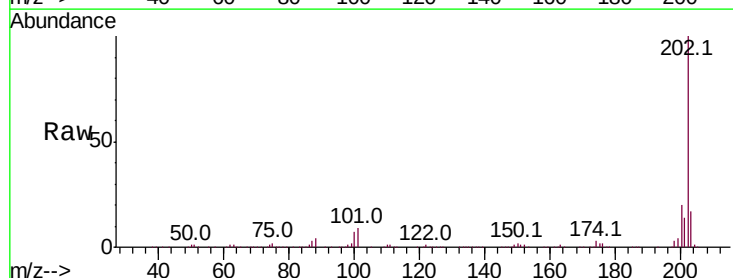
Instrument :
BNA_F
ClientSampled :

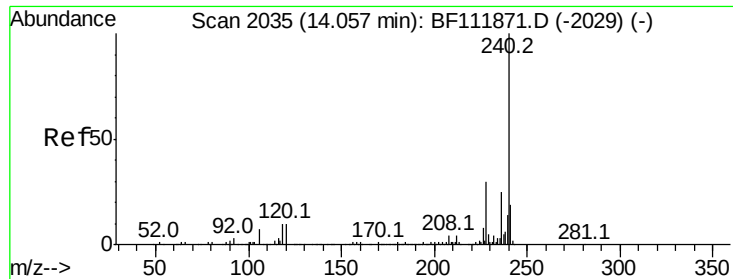
Tot Ion:149 Resp: 663732
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.8 3.9 5.9



#75
Fluoranthene
Concen: 37.912 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:202 Resp: 588086
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.3
203 17.1 0.0 37.6

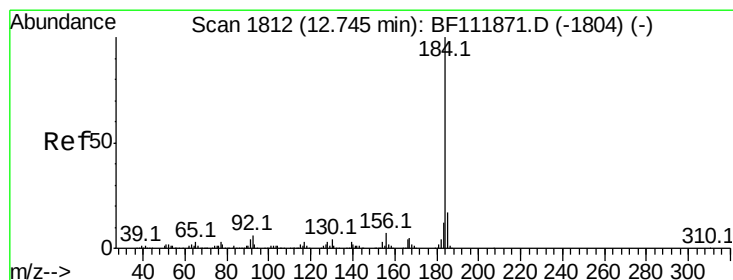
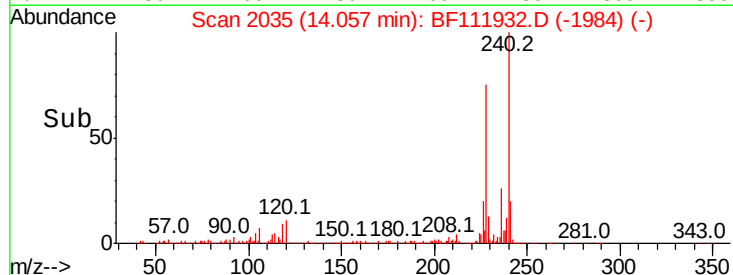
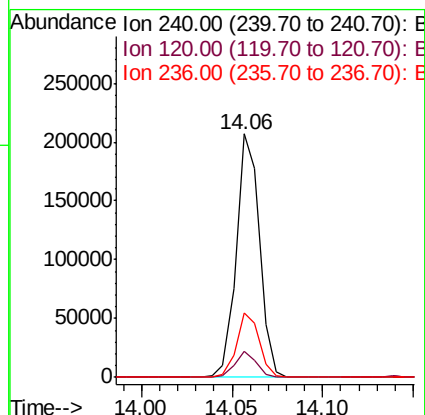
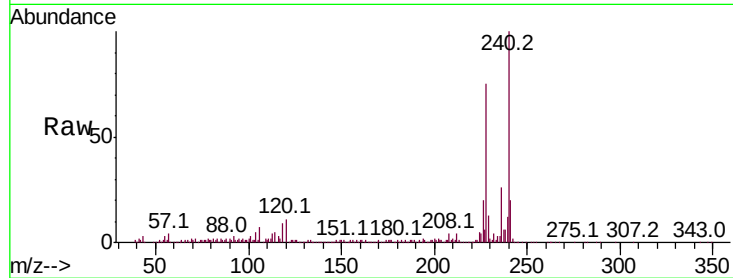




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

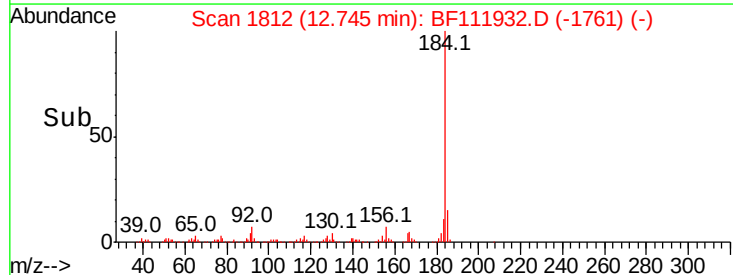
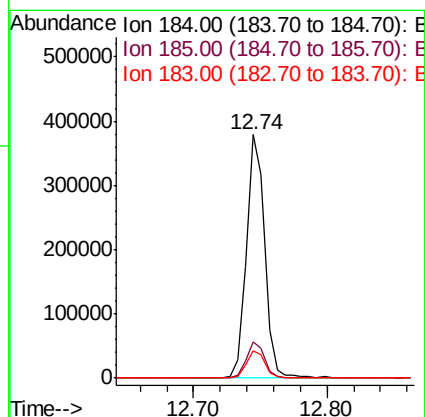
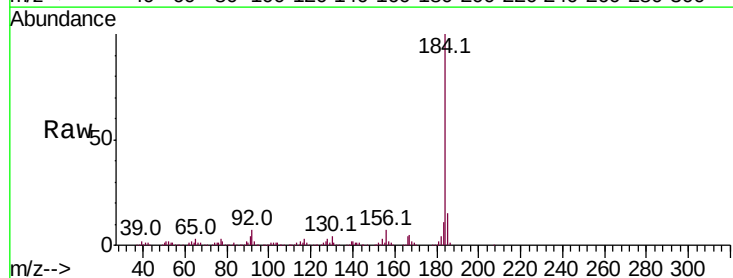
Instrument :
BNA_F
ClientSampleId :

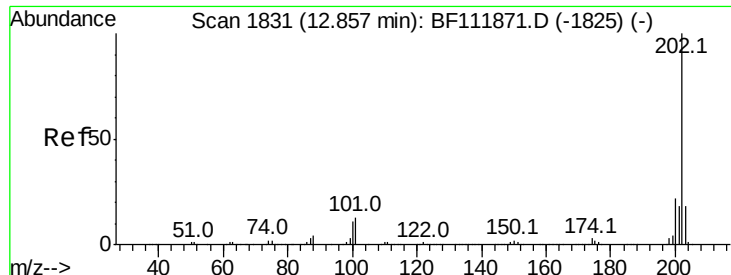
Tot Ion:240 Resp: 184594
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 26.4 20.2 30.4



#77
Benzidine
Concen: 64.600 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion:184 Resp: 356319
Ion Ratio Lower Upper
184 100
185 14.7 13.4 20.0
183 11.4 9.6 14.4





#78

Pvrene

Concen: 46.418 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

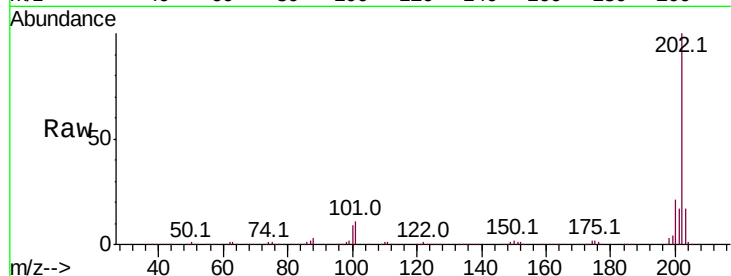
Tot Ion:202 Resp: 589560

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

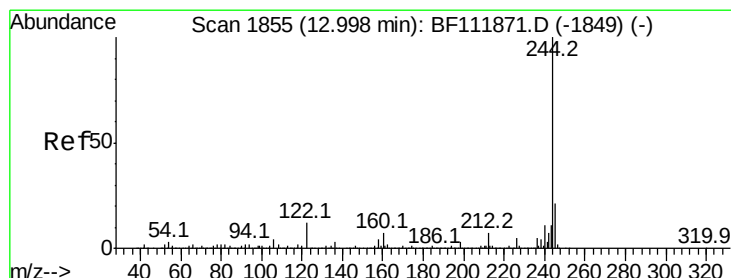
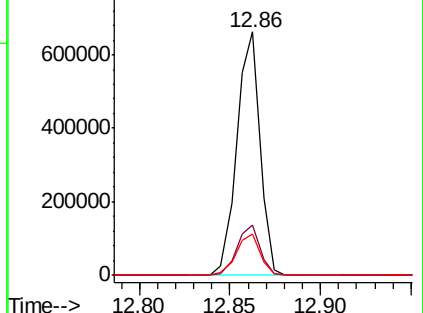
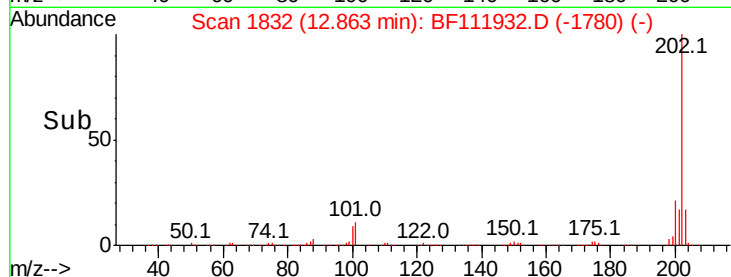
203 17.0 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 99.636 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

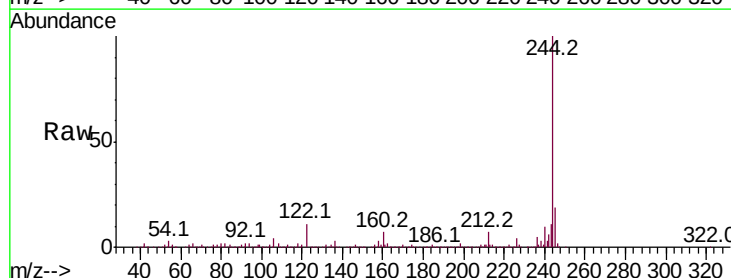
Tgt Ion:244 Resp: 968918

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

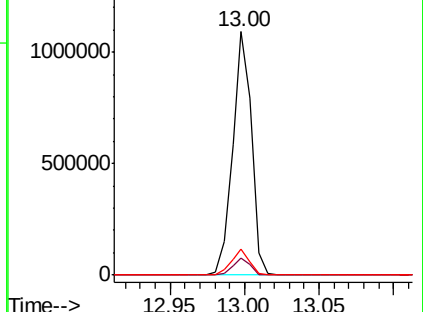
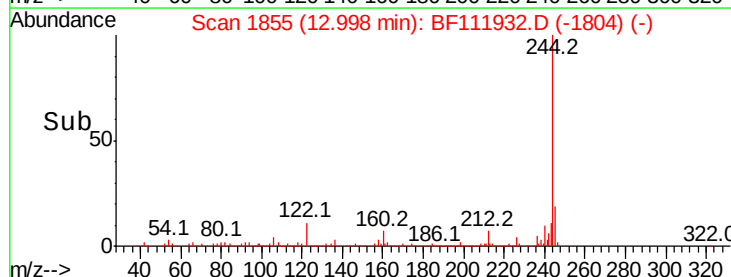
122 10.6 9.5 14.3

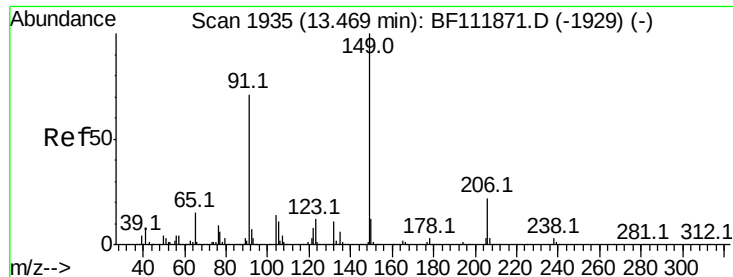


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

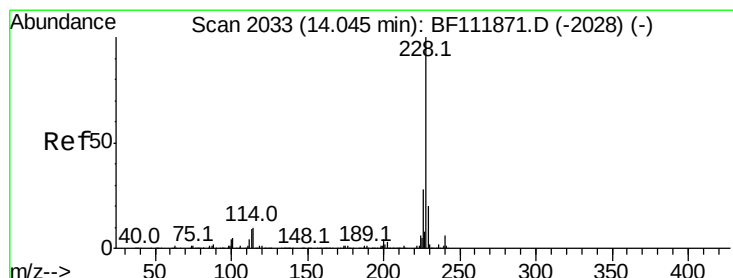
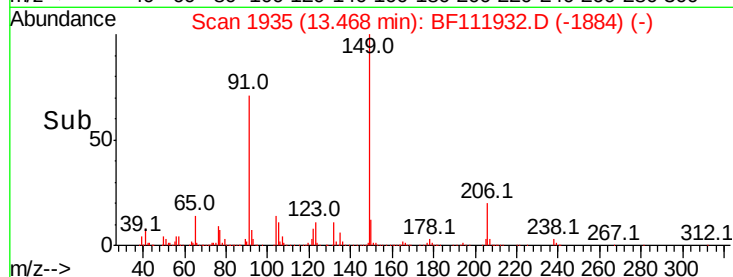
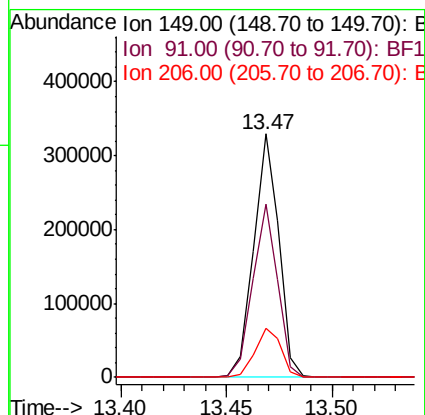
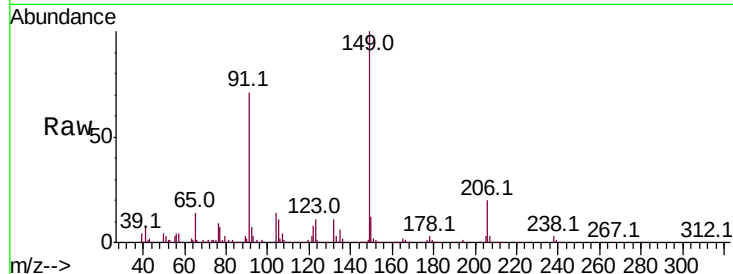




#80
Butylbenzylphthalate
Concen: 50.588 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

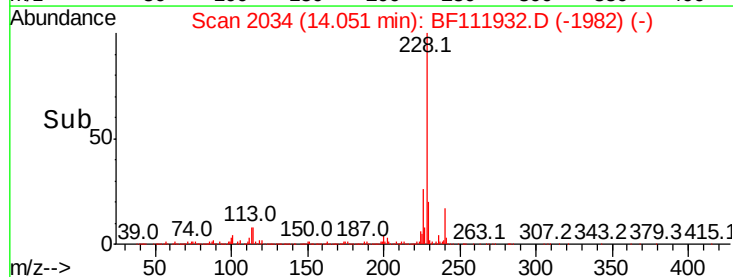
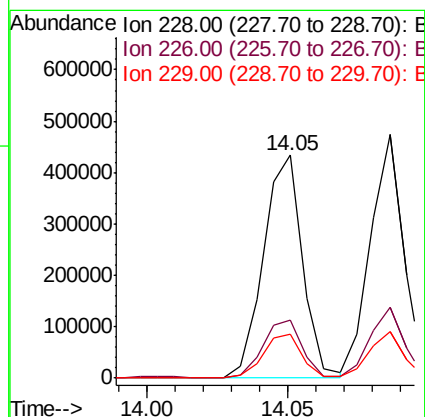
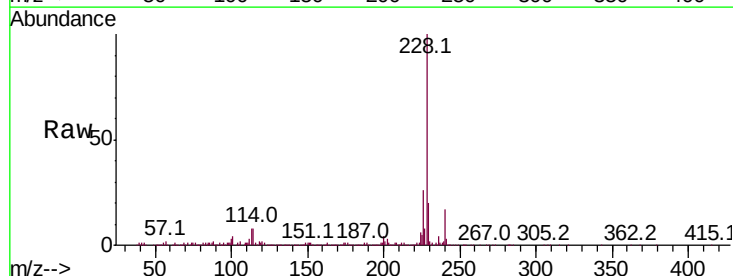
Instrument :
BNA_F
ClientSampleId :

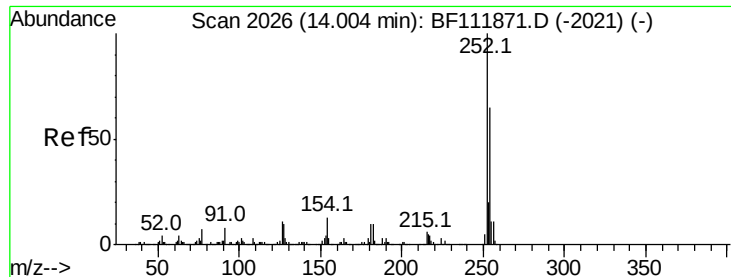
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	57.2	85.8
206	20.4	17.3	25.9



#81
Benzo(a)anthracene
Concen: 39.040 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111932.D
Acq: 9 Jan 2019 3:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.2	33.2
229	19.7	16.2	24.2





#82

3,3'-Dichlorobenzidine

Concen: 47.533 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

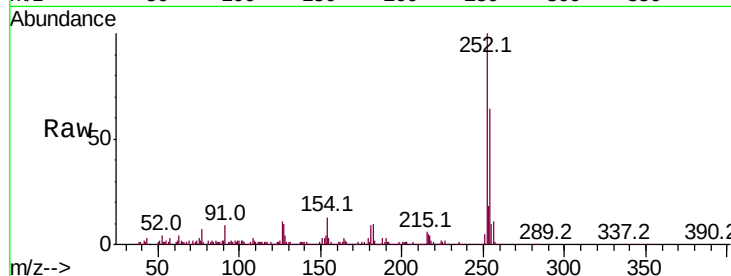
Tot Ion:252 Resp: 186427

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 10.8 8.6 12.8

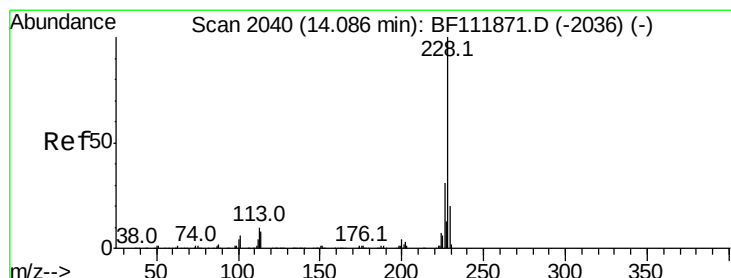
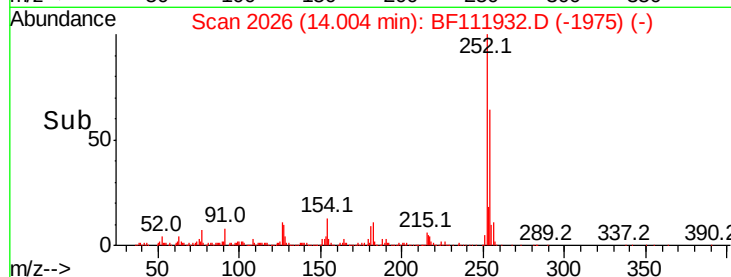
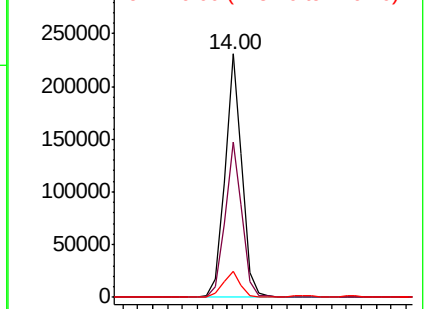


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 38.128 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

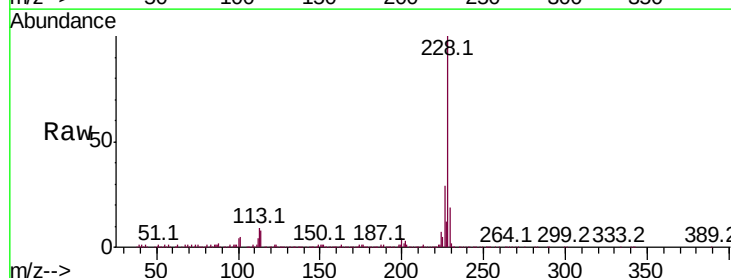
Tgt Ion:228 Resp: 386214

Ion Ratio Lower Upper

228 100

226 28.8 24.6 37.0

229 19.0 15.7 23.5

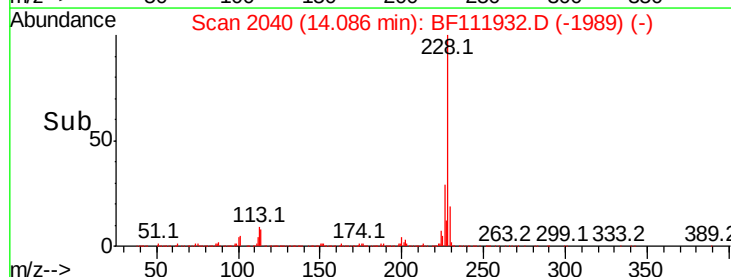
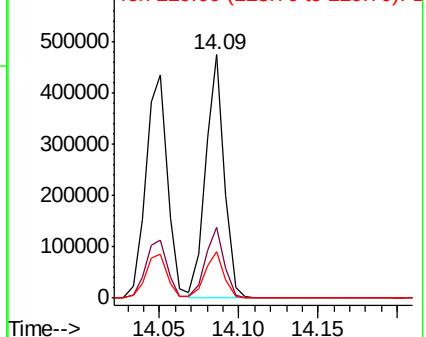


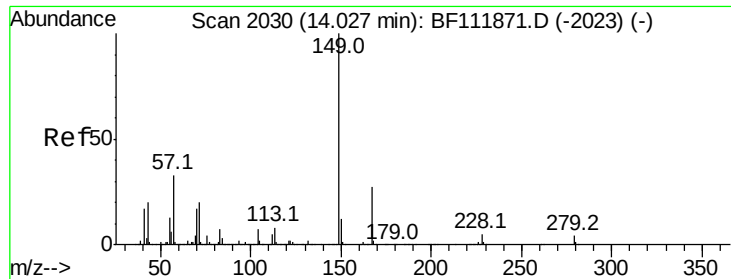
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.016 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

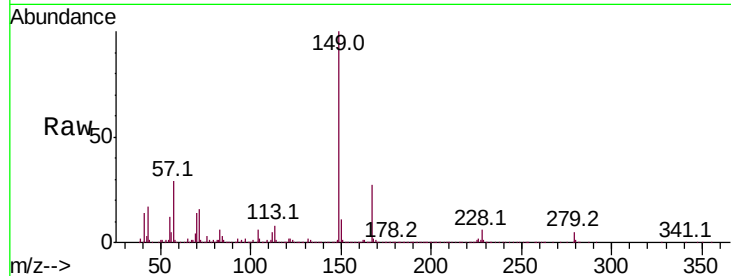
Tot Ion:149 Resp: 366814

Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

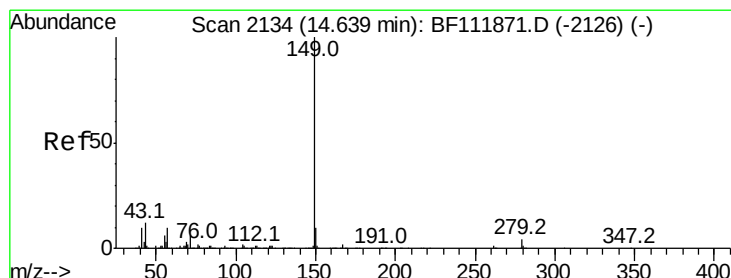
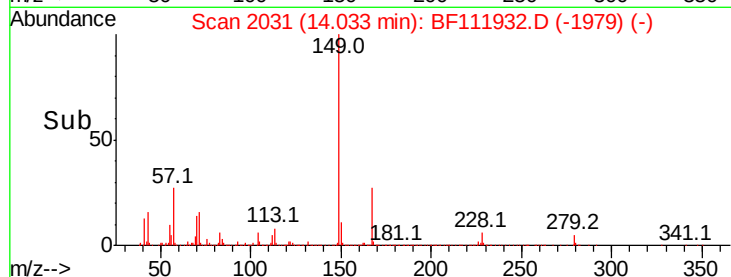
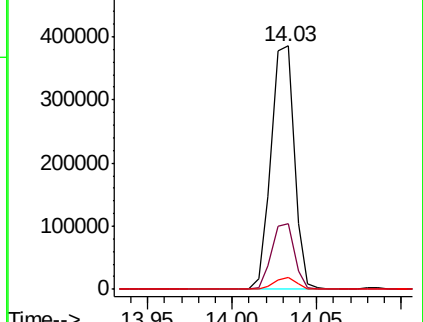
279 4.7 3.0 4.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 49.589 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

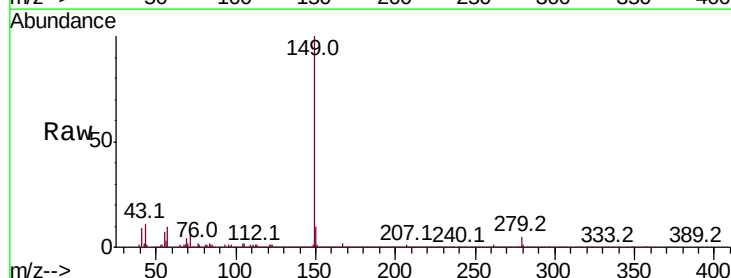
Tgt Ion:149 Resp: 500446

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

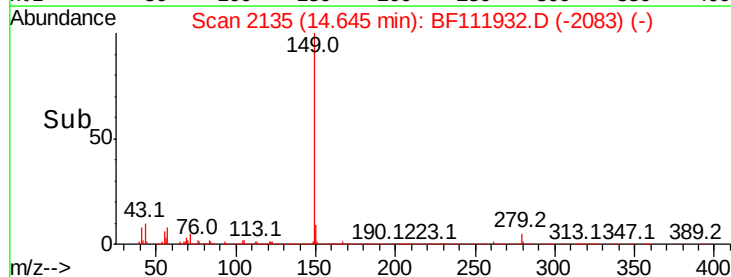
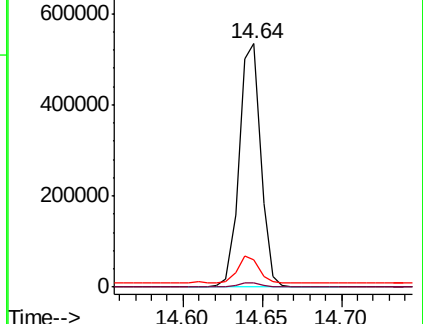
43 11.1 9.1 13.7

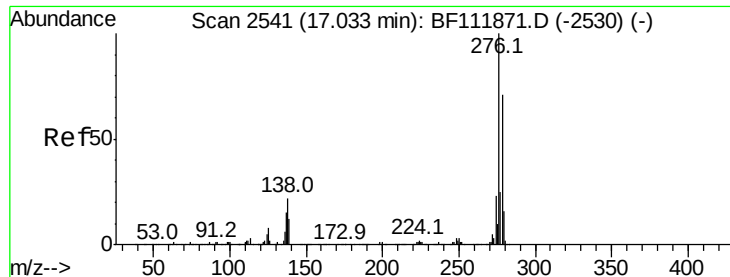


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 47.746 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

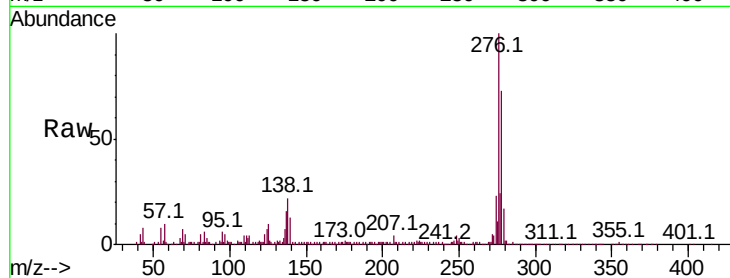
Tot Ion:276 Resp: 352588

Ion Ratio Lower Upper

276 100

138 22.0 18.1 27.1

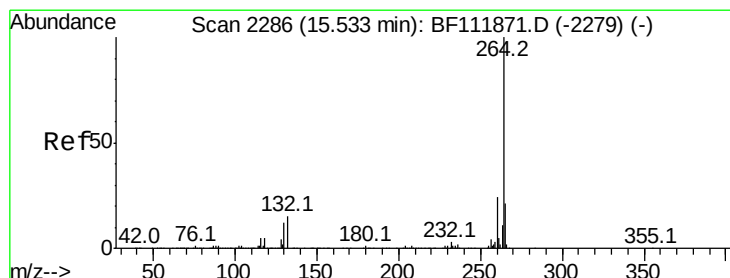
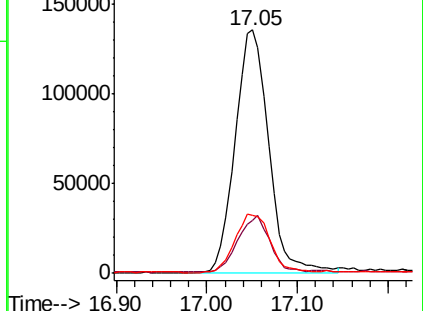
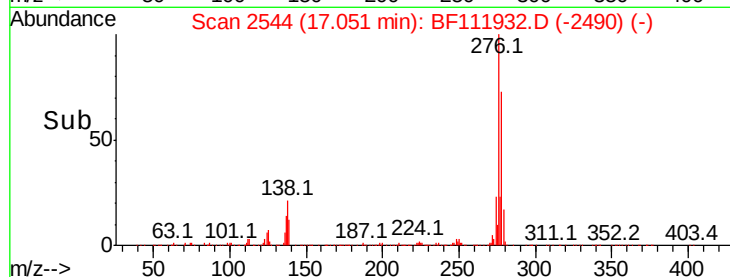
277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

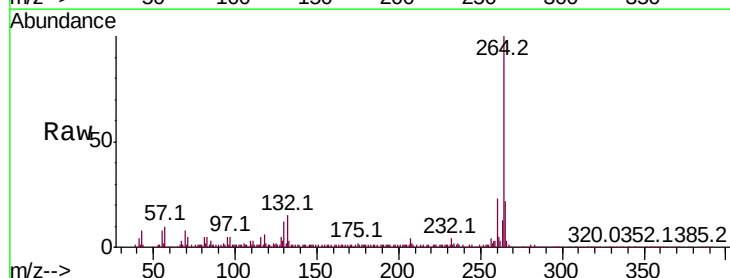
Tgt Ion:264 Resp: 180101

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

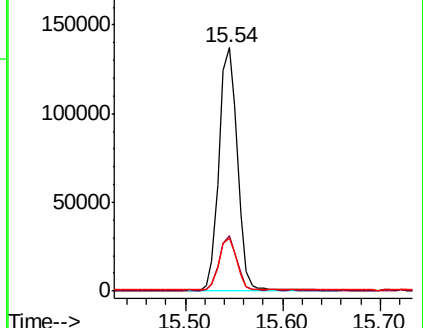
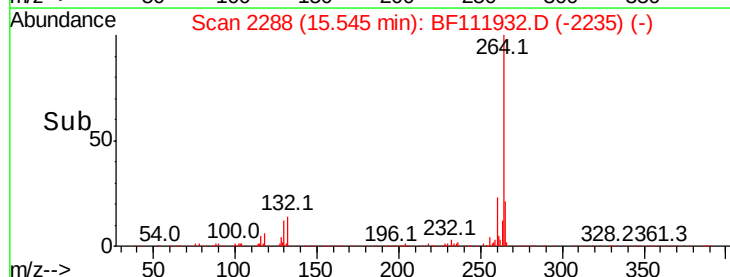
265 21.7 17.1 25.7

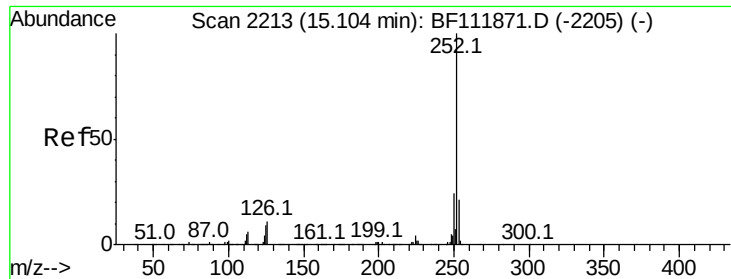


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 38.271 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampled :

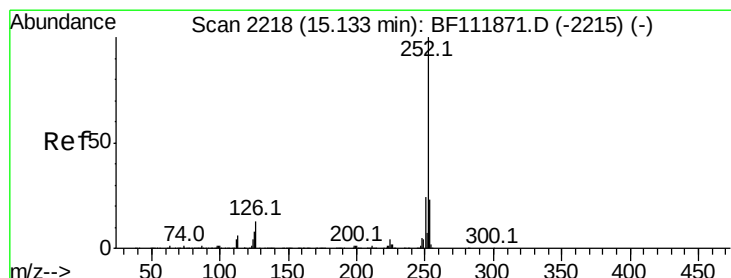
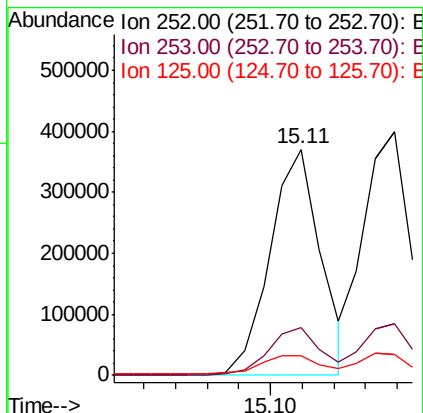
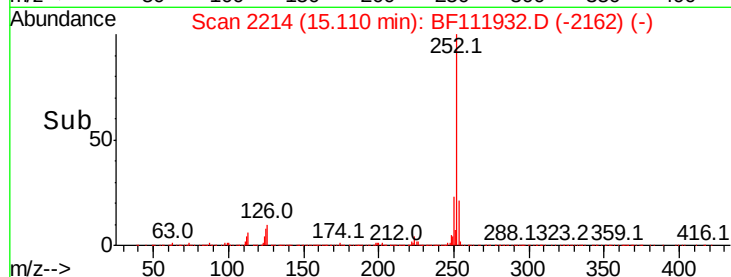
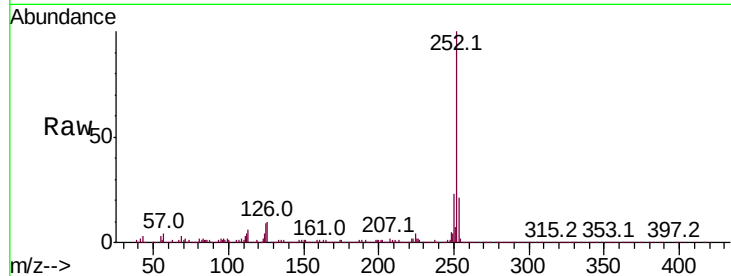
Tot Ion:252 Resp: 412310

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 8.8 7.1 10.7



#89

Benzo(k)fluoranthene

Concen: 40.707 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

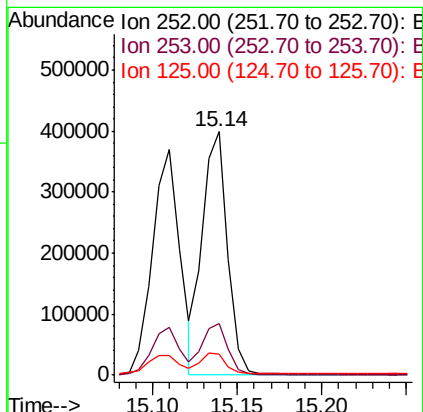
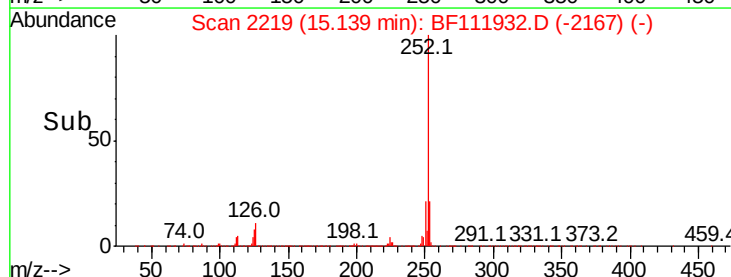
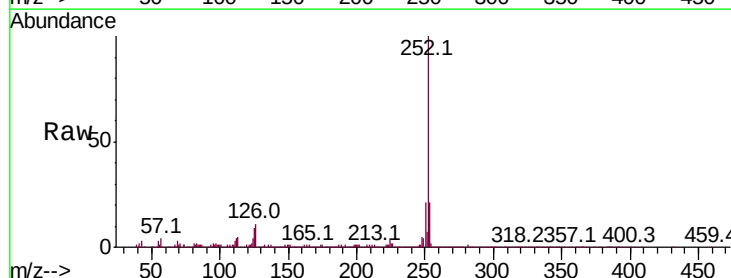
Tgt Ion:252 Resp: 412237

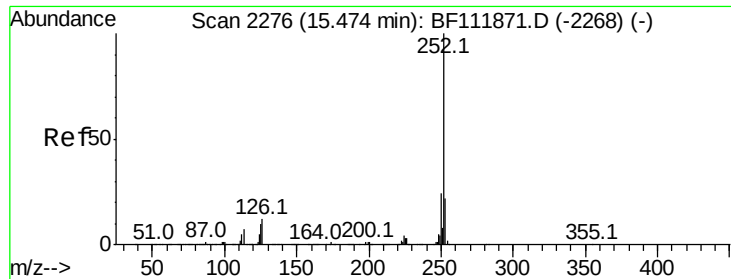
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 8.8 7.0 10.4





#90

Benzo(a)pyrene

Concen: 39.468 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

Instrument :

BNA_F

ClientSampleId :

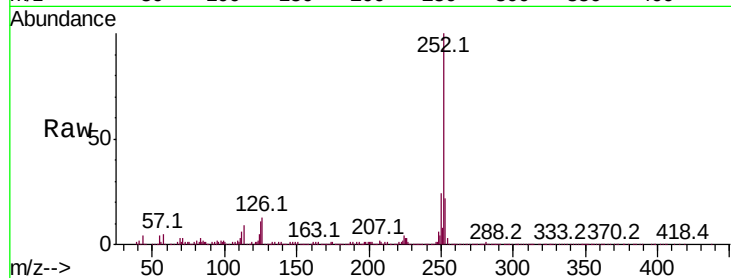
Tot Ion:252 Resp: 373878

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

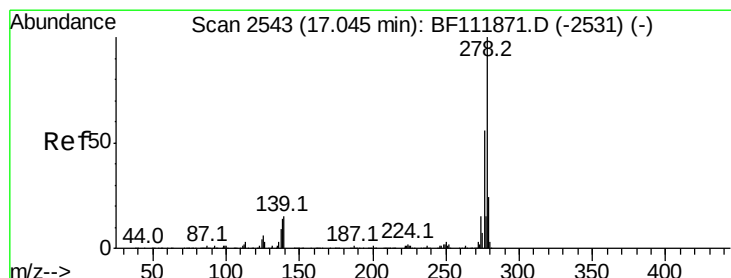
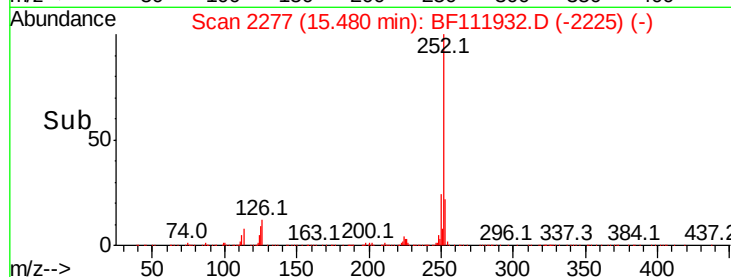
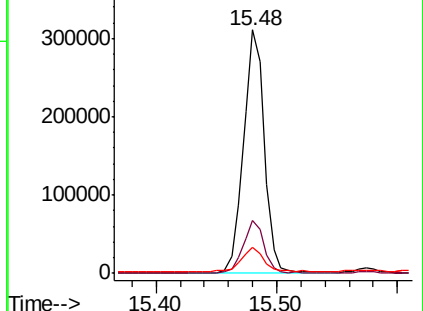
125 10.6 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 40.435 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF111932.D

Acq: 9 Jan 2019 3:35

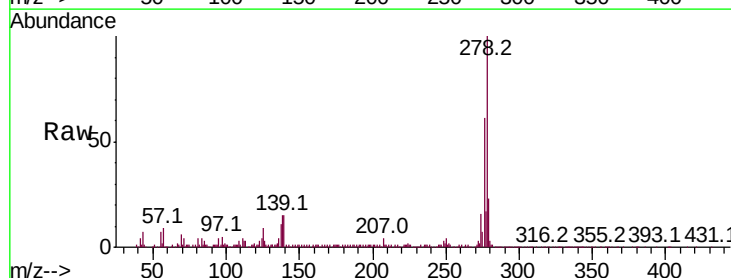
Tgt Ion:278 Resp: 308072

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

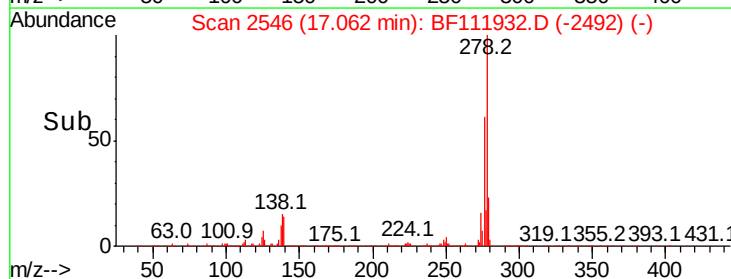
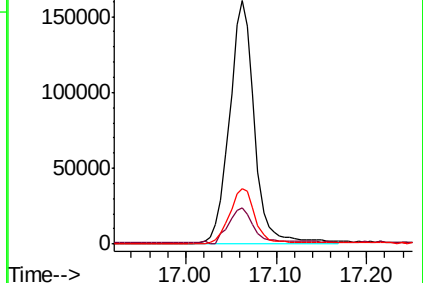
279 23.0 19.4 29.2

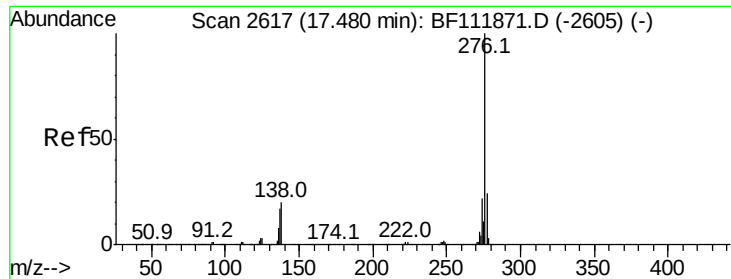


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 40.065 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. 0.02 min
 Lab File: BF111932.D
 Acq: 9 Jan 2019 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.6
138	19.4	16.2	24.2

