

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112038.D
 Acq On : 12 Jan 2019 2:08
 Operator : JU/SJ
 Sample : K1114-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 02:47:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

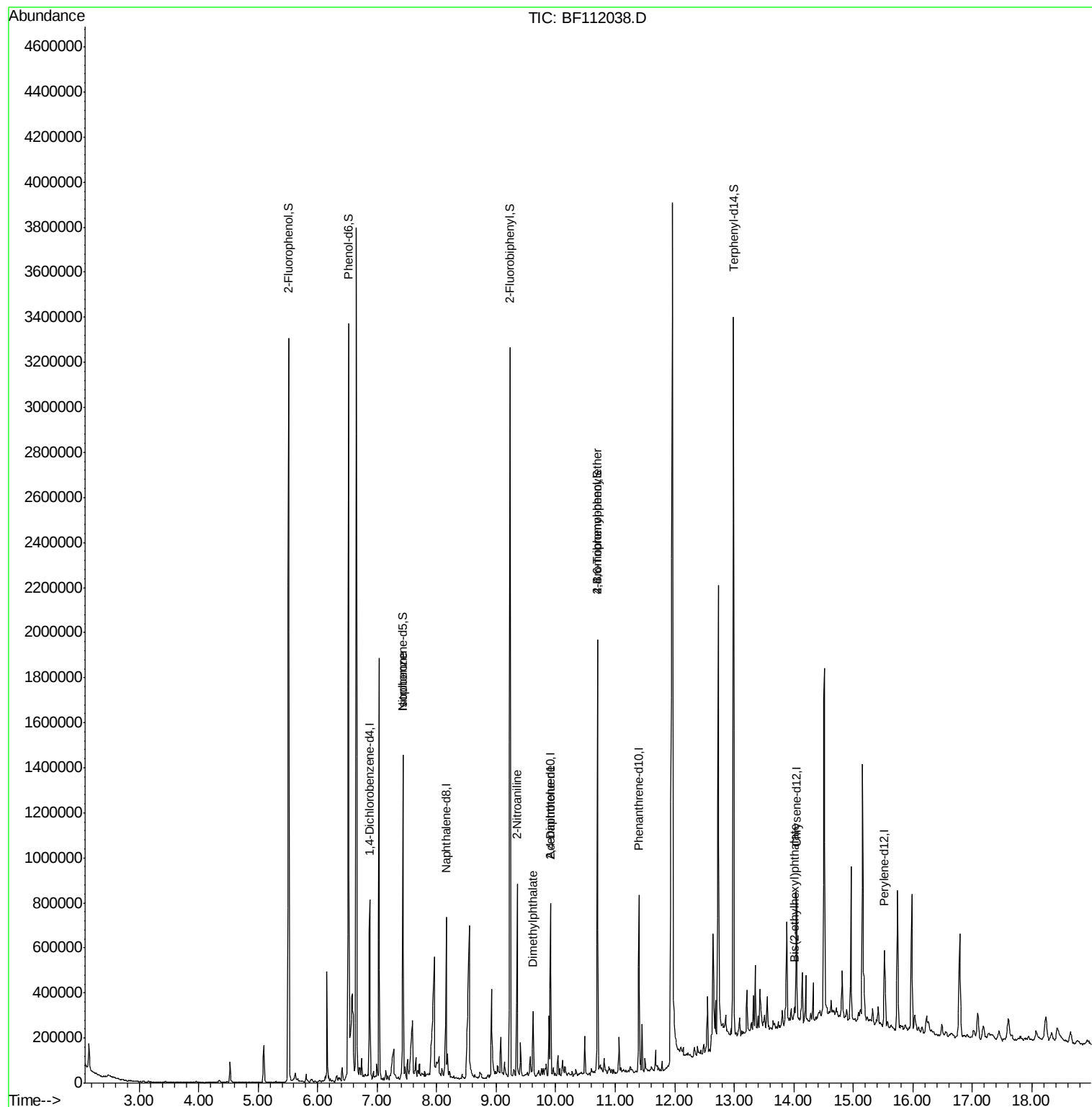
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	111740	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	310789	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	134548	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	244315	20.00	ng	0.00
76) Chrysene-d12	14.04	240	198256	20.00	ng	0.00
87) Perylene-d12	15.52	264	137623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	859012	131.52	ng	0.00
7) Phenol-d6	6.52	99	1129245	134.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	427931	73.59	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	234798	134.17	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1019202	110.46	ng	0.00
79) Terphenyl-d14	12.99	244	1064184	101.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1209	Below Cal		93
25) Isophorone	7.43	82	423896	45.016 ng	#	65
48) 2-Nitroaniline	9.35	65	9731	3.603 ng	#	17
50) Dimethylphthalate	9.62	163	101759	10.068 ng		98
57) 2,4-Dinitrotoluene	9.91	165	17333	5.935 ng	#	24
67) 4-Bromophenyl-phenylether	10.70	248	14026	4.432 ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.02	149	16228	2.143 ng		96

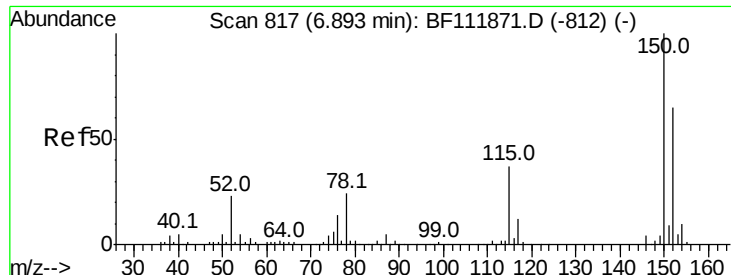
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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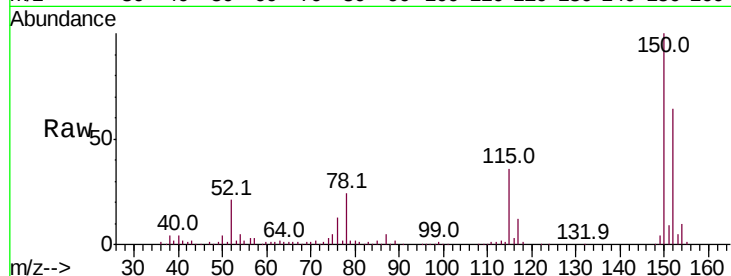


#1

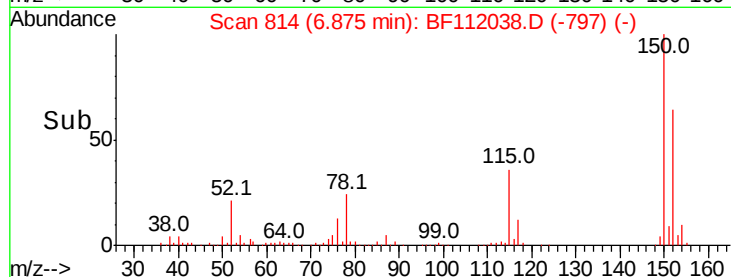
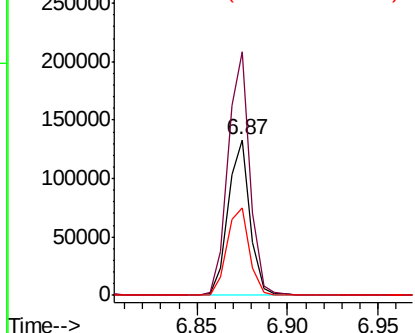
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111740
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 56.0 45.2 67.8



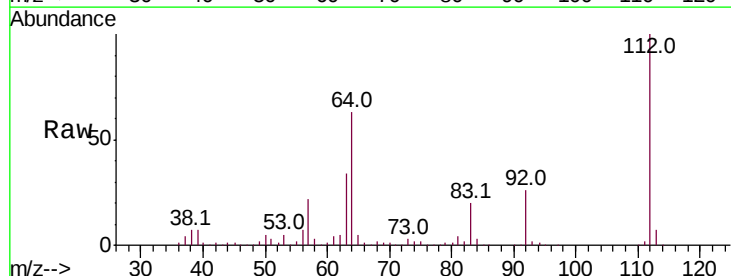
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



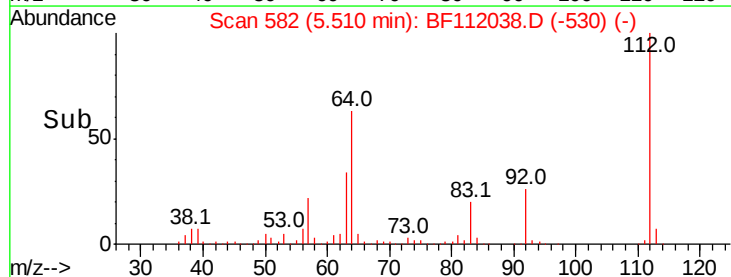
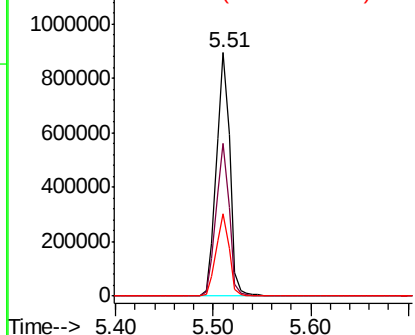
#5

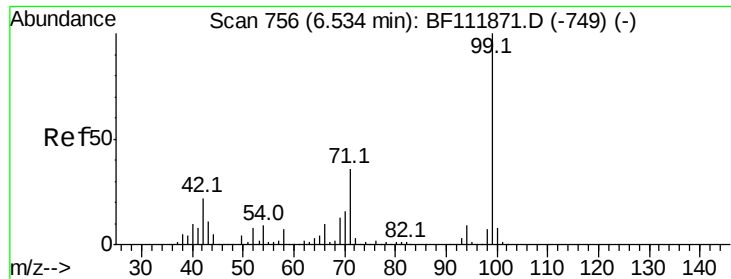
2-Fluorophenol
Concen: 131.521 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Tgt Ion:112 Resp: 859012
Ion Ratio Lower Upper
112 100
64 62.8 48.3 72.5
63 34.0 26.1 39.1



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





#7

Phenol-d6

Concen: 134.144 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

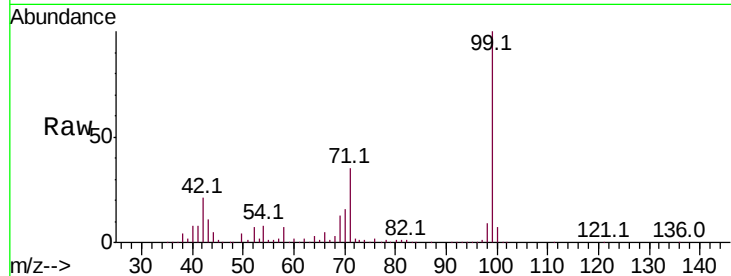
Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 1129245

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.9	26.9
71	35.1	28.7	43.1

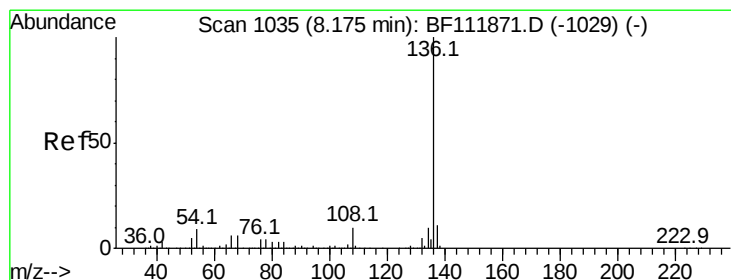
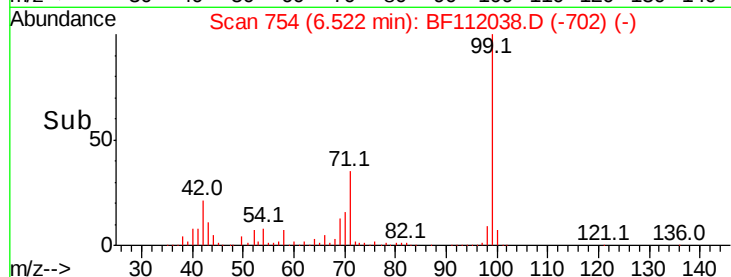
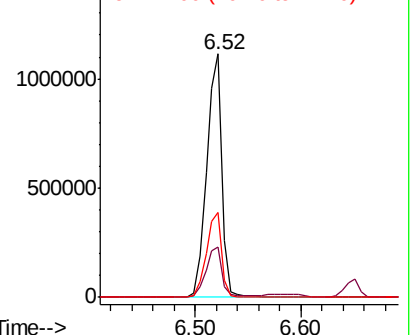


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

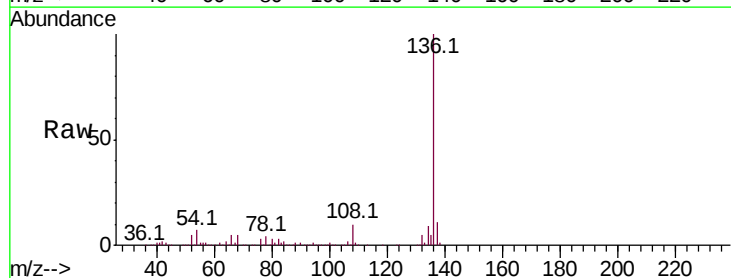
Delta R.T. -0.00 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Tgt Ion: 136 Resp: 310789

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.4	7.2	10.8
68	4.7	4.4	6.6



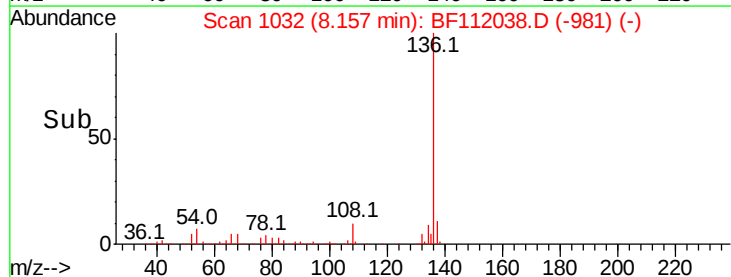
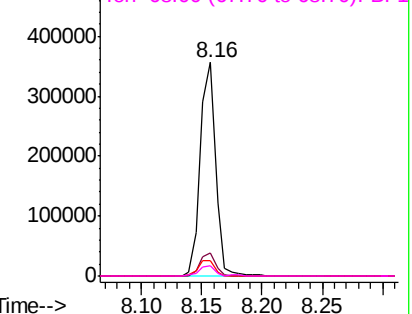
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

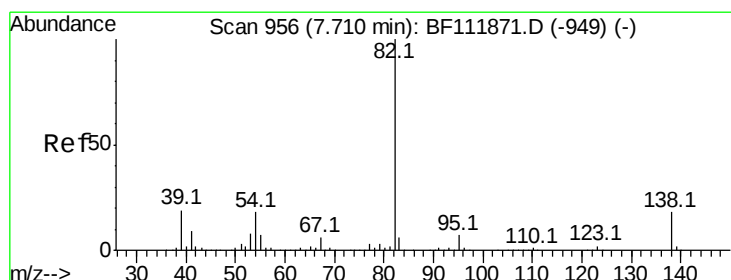
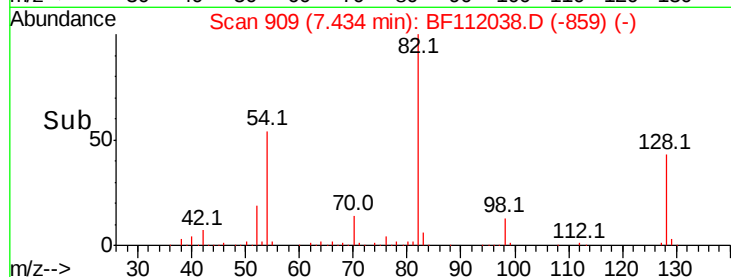
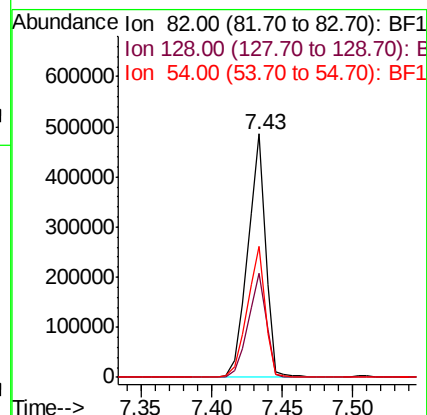
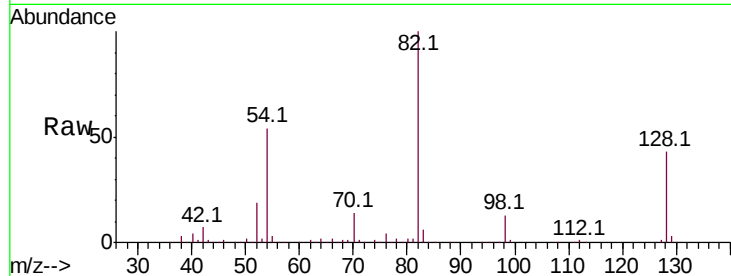




#23
Nitrobenzene-d5
Concen: 73.590 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

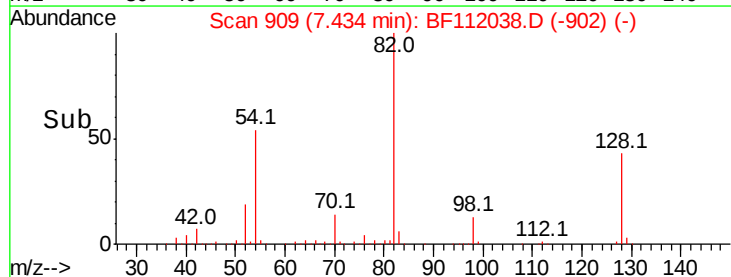
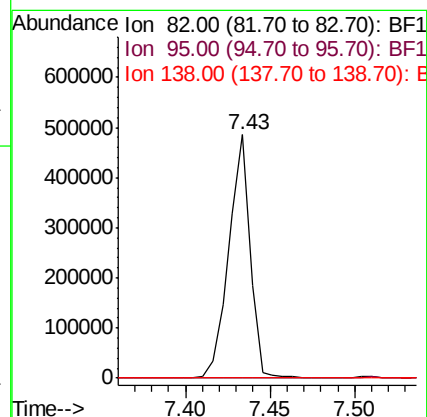
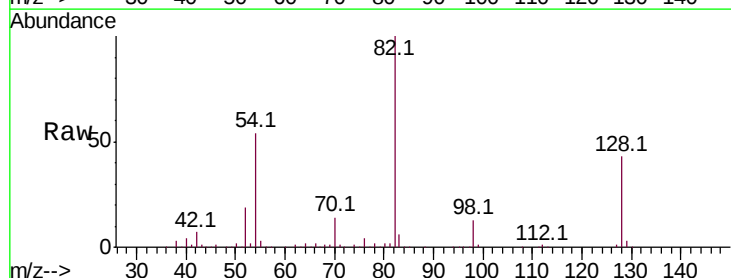
Instrument :
BNA_F
ClientSampleId :

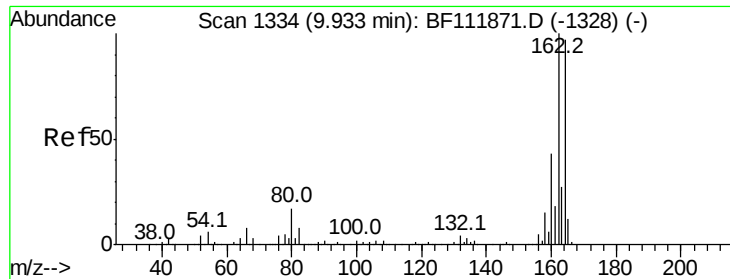
Tot Ion: 82 Resp: 427931
Ion Ratio Lower Upper
82 100
128 43.0 35.7 53.5
54 53.6 45.8 68.8



#25
Isophorone
Concen: 45.016 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Tgt Ion: 82 Resp: 423896
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.6#
138 0.0 14.4 21.6#

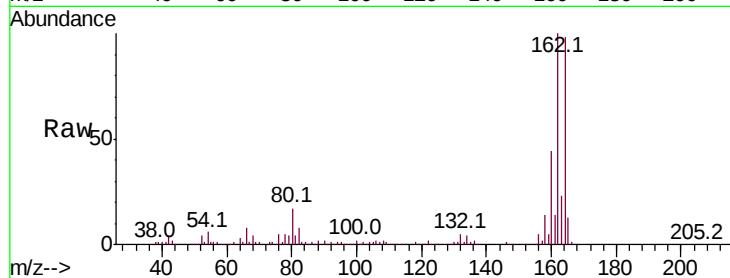




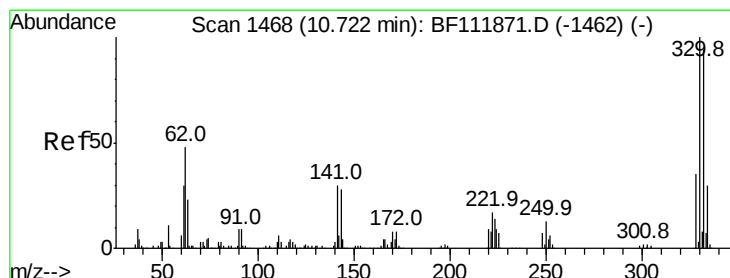
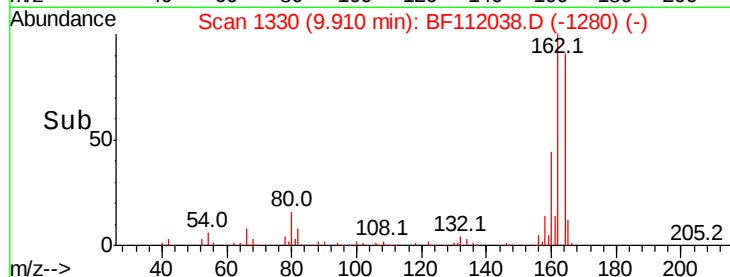
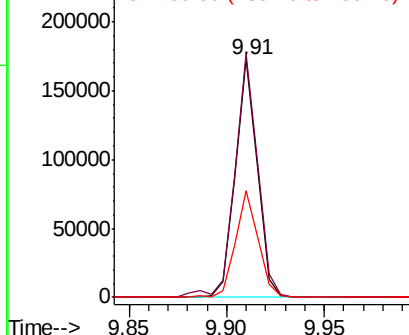
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 134548
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 44.5 35.5 53.3

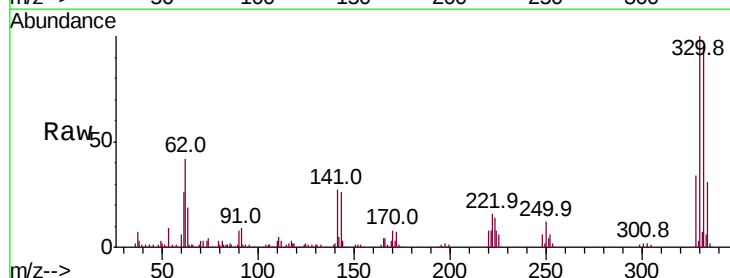


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

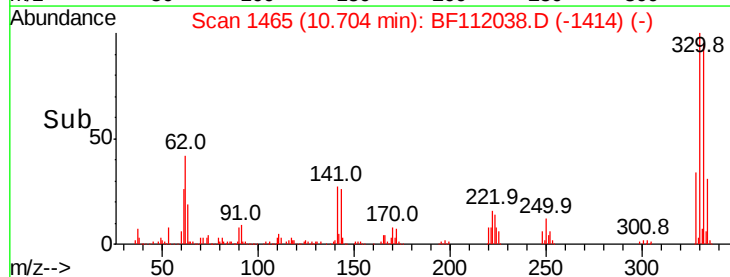
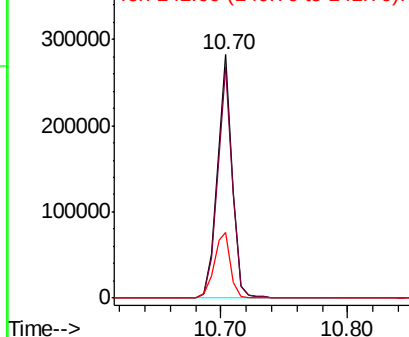


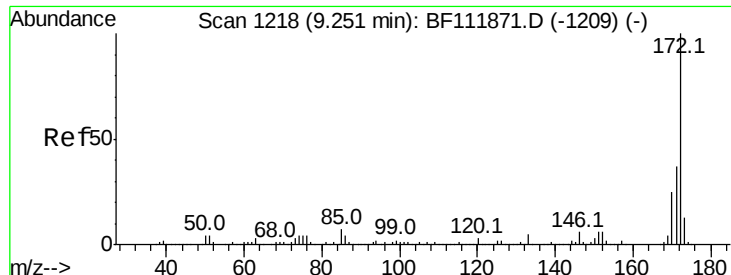
#42
2,4,6-Tribromophenol
Concen: 134.166 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Tgt Ion:330 Resp: 234798
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 29.9 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



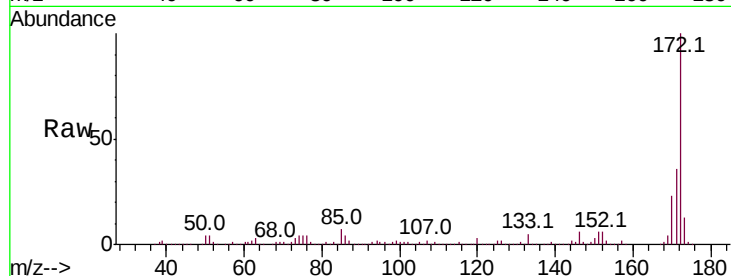


#45
 2-Fluorobiphenyl
 Concen: 110.459 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

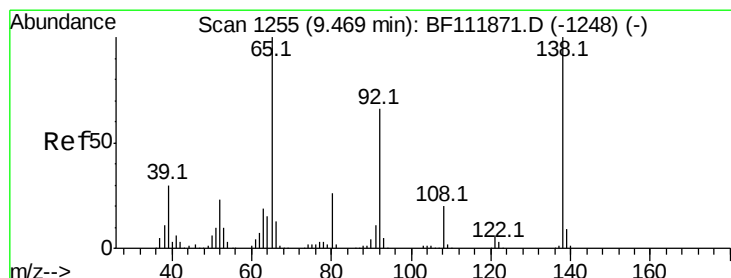
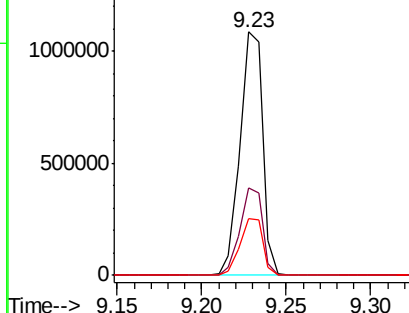
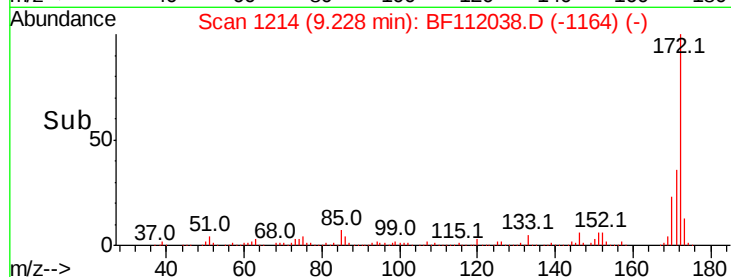
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1019202

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.8	29.8



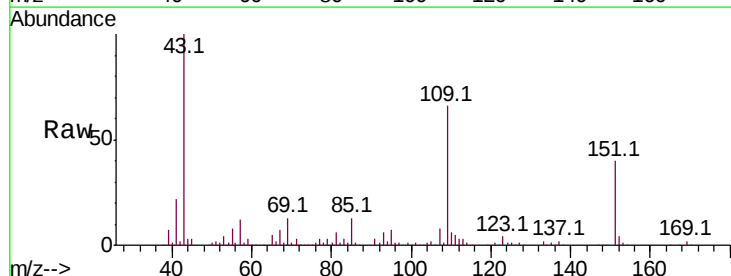
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



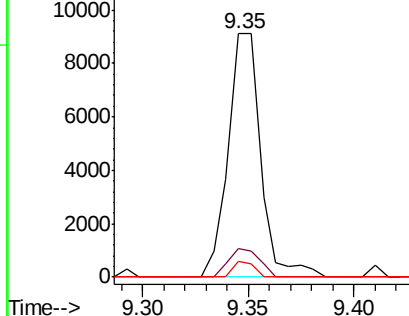
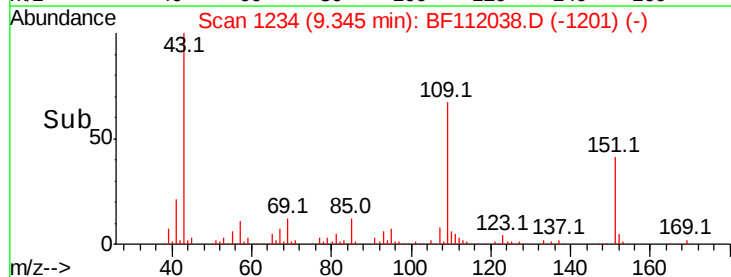
#48
 2-Nitroaniline
 Concen: 3.603 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.11 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

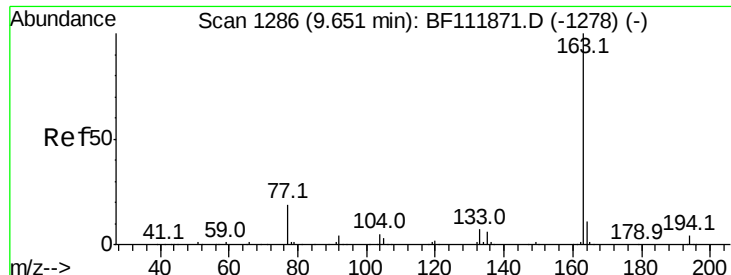
Tgt Ion: 65 Resp: 9731

Ion	Ratio	Lower	Upper
65	100		
92	11.9	52.5	78.7#
138	6.7	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

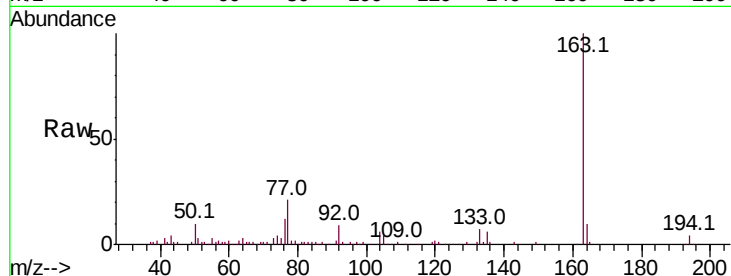




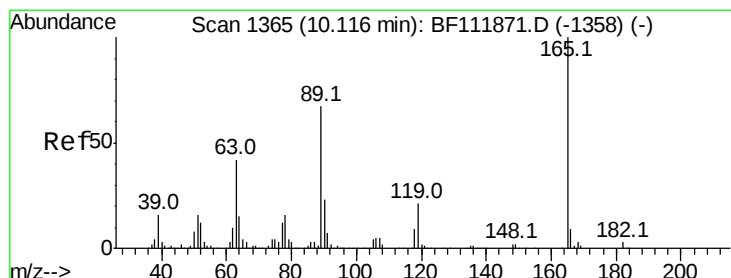
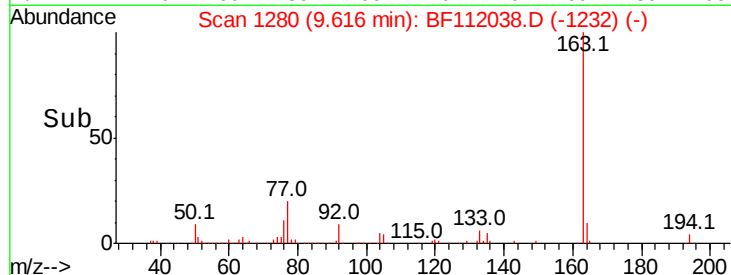
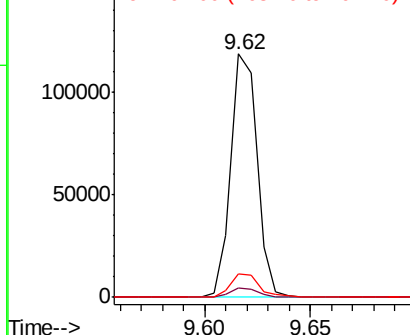
#50
Dimethylphthalate
Concen: 10.068 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.7	8.5	12.7

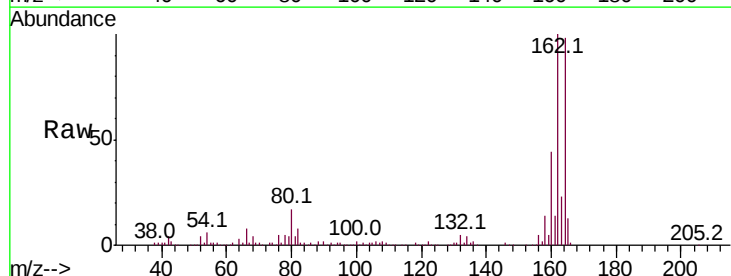


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

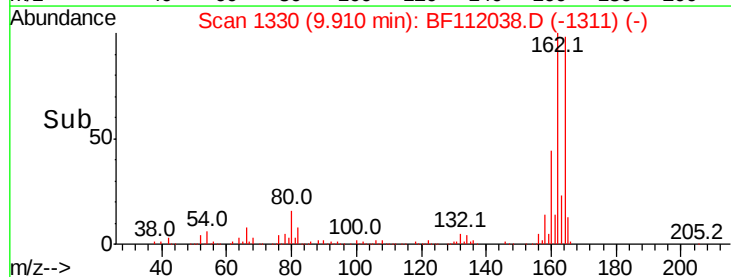
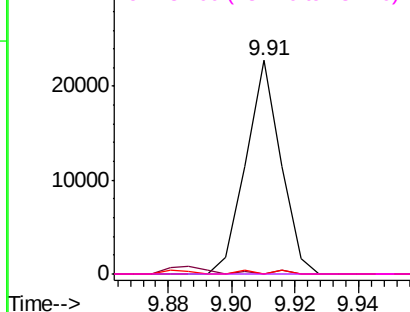


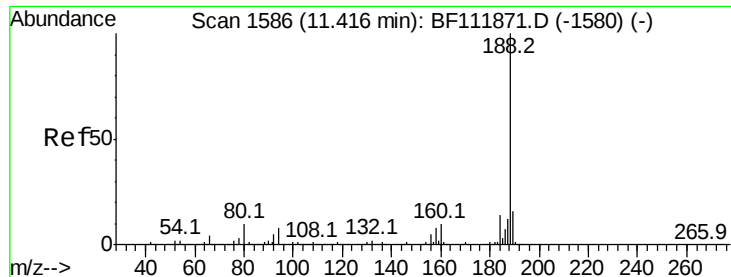
#57
2,4-Dinitrotoluene
Concen: 5.935 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.1	51.1#
89	0.0	53.5	80.3#
182	0.0	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

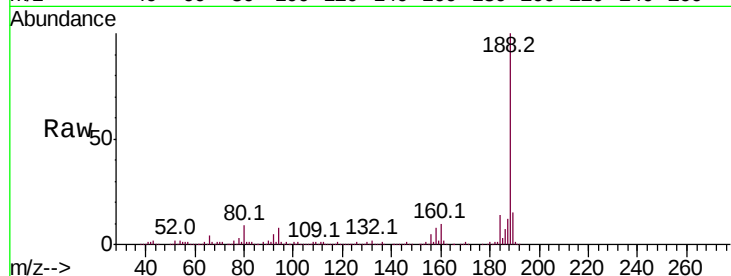




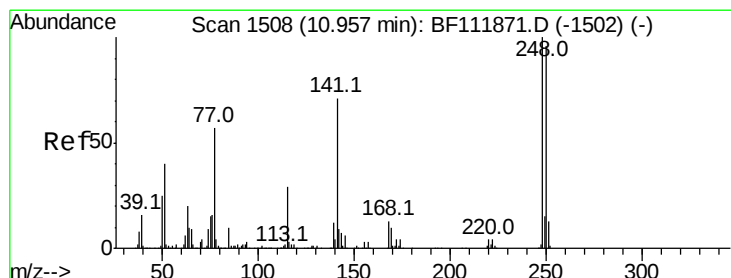
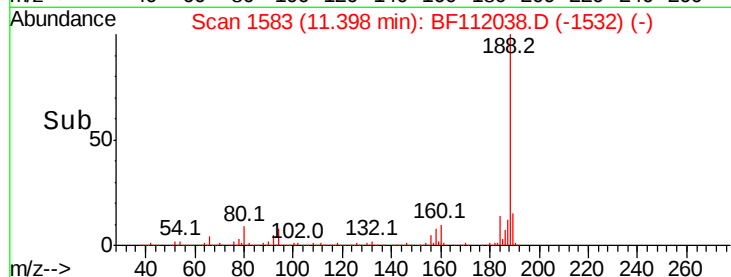
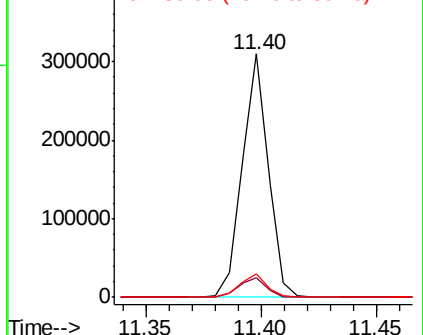
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 244315
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.4 7.7 11.5

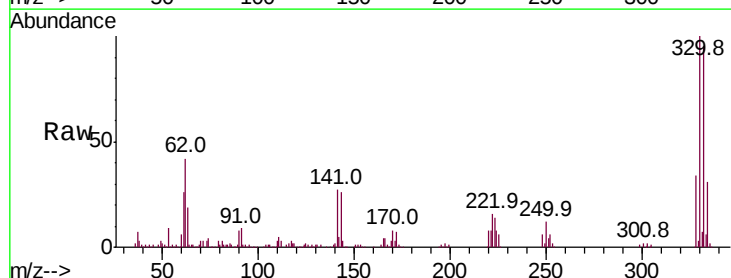


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

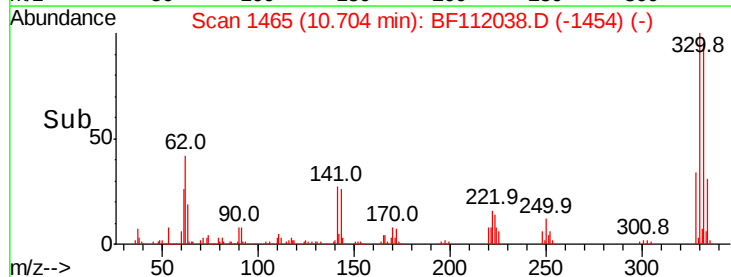
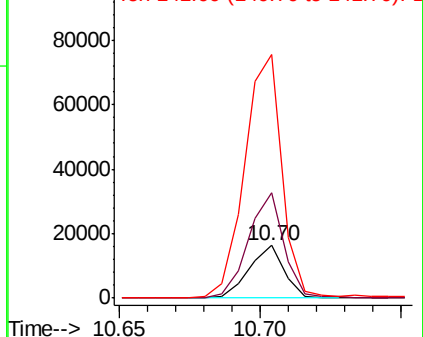


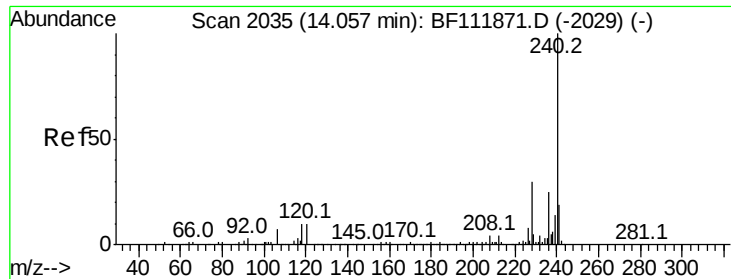
#67
4-Bromophenyl-phenylether
Concen: 4.432 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF112038.D
Acq: 12 Jan 2019 2:08

Tgt Ion:248 Resp: 14026
Ion Ratio Lower Upper
248 100
250 201.7 76.8 115.2#
141 464.6 57.0 85.6#



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

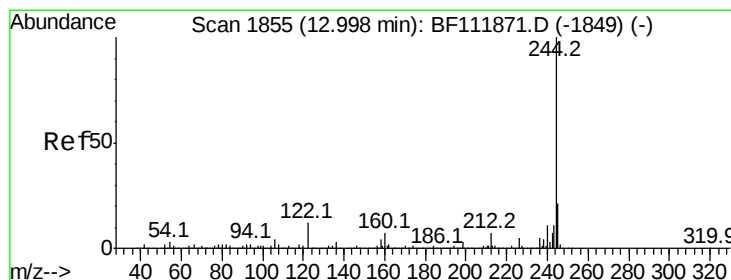
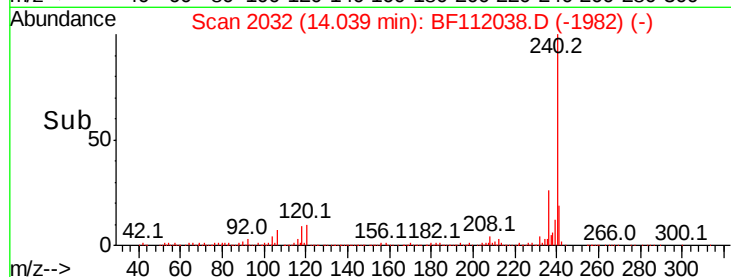
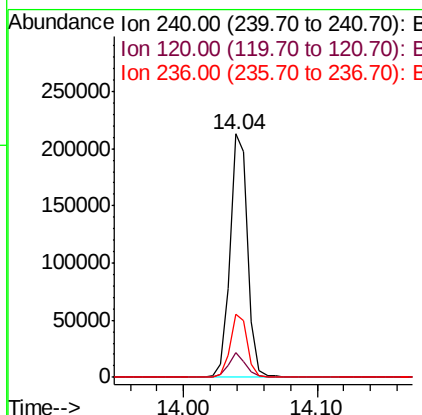
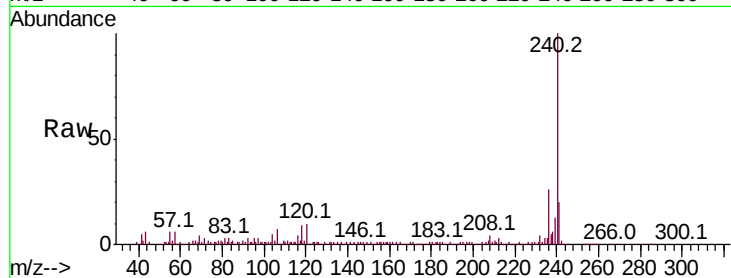




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

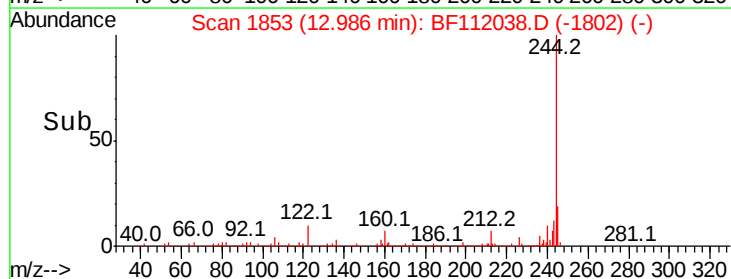
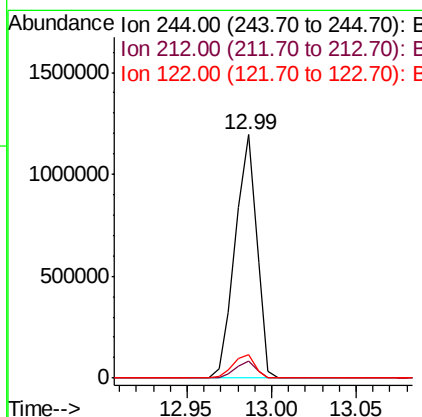
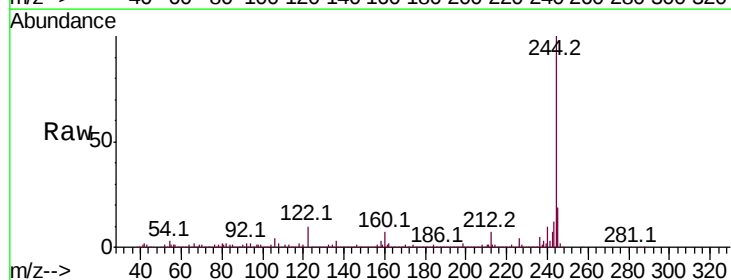
Instrument :
 BNA_F
 ClientSampled :

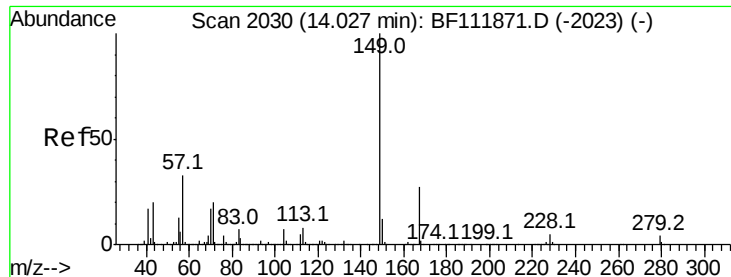
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	26.1	20.2	30.4



#79
 Terphenyl-d14
 Concen: 101.891 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF112038.D
 Acq: 12 Jan 2019 2:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.9	9.5	14.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.143 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

Instrument :

BNA_F

ClientSampleId :

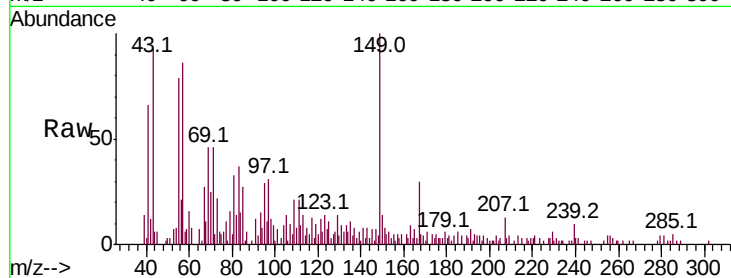
Tot Ion:149 Resp: 16228

Ion Ratio Lower Upper

149 100

167 29.5 21.5 32.3

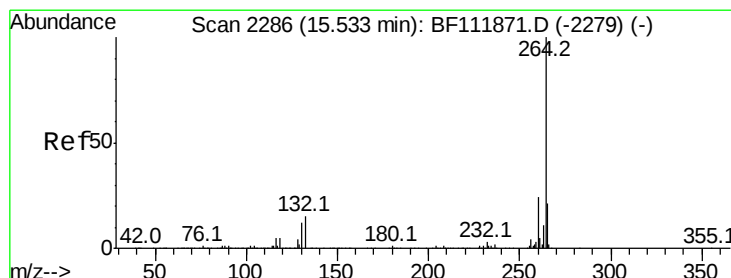
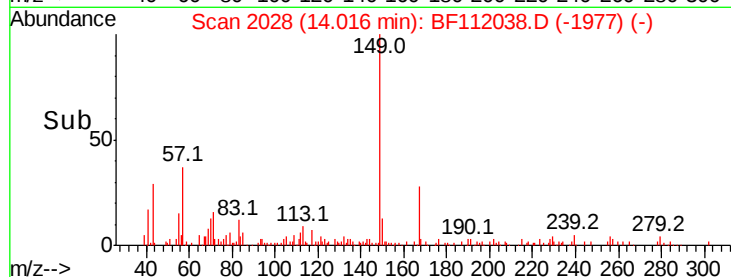
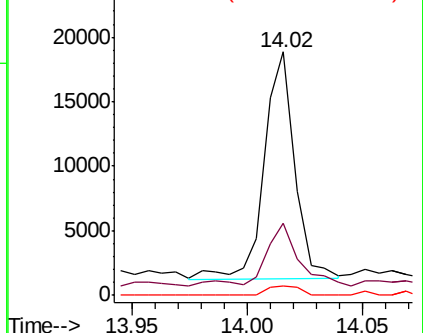
279 3.8 3.0 4.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112038.D

Acq: 12 Jan 2019 2:08

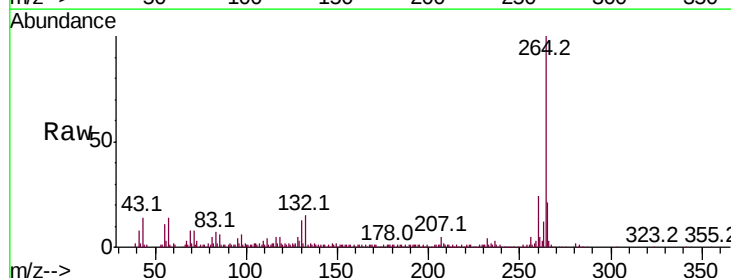
Tgt Ion:264 Resp: 137623

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 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

