

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112043.D
 Acq On : 12 Jan 2019 4:25
 Operator : JU/SJ
 Sample : K1114-06 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 05:31:59 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

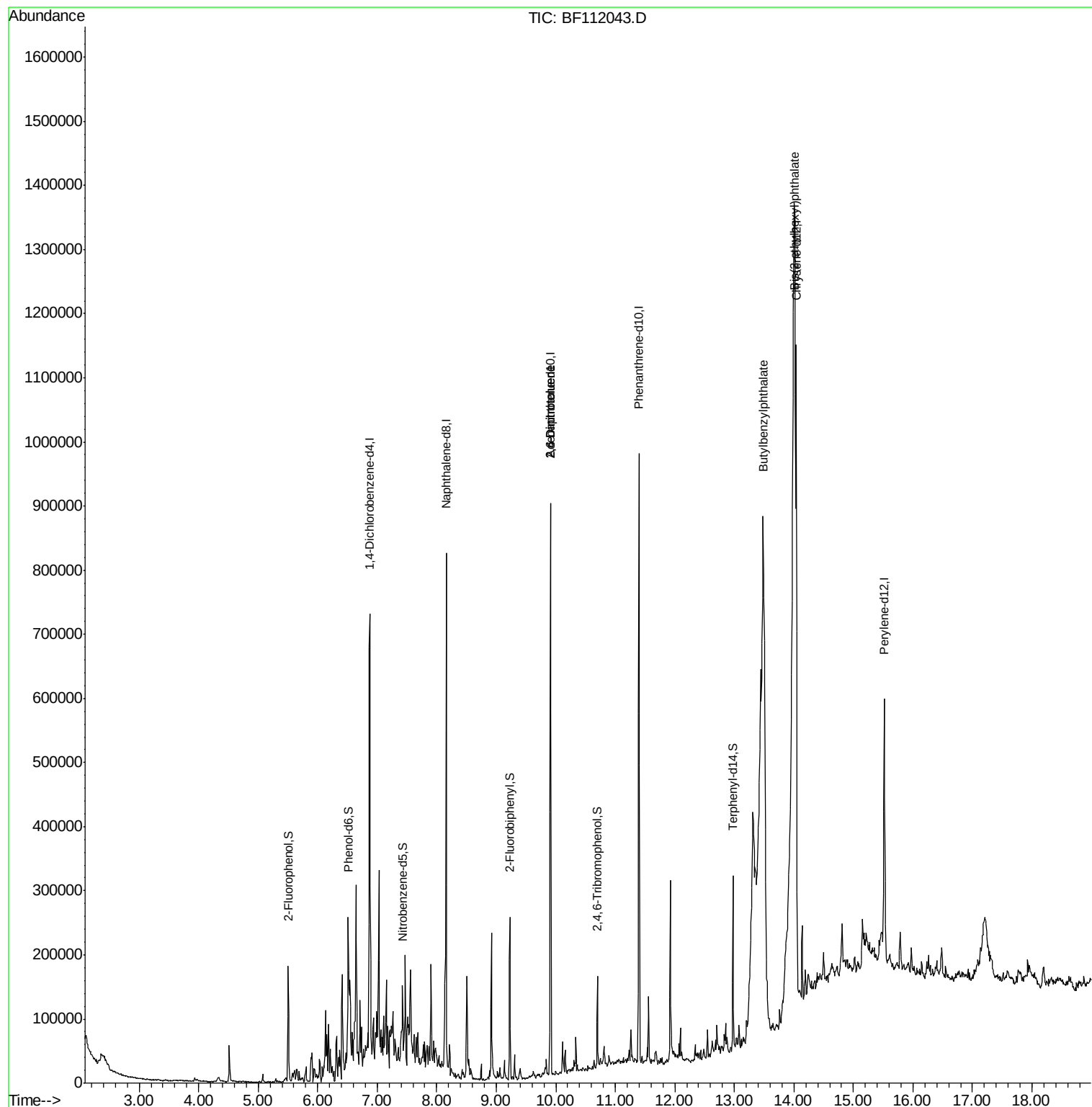
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	102702	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	333063	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	158405	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	311735	20.00	ng	0.00
76) Chrysene-d12	14.04	240	243046	20.00	ng	0.00
87) Perylene-d12	15.52	264	183154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	46302	7.71	ng	0.00
7) Phenol-d6	6.52	99	60827	7.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	32187	5.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	15453	7.50	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	71440	6.58	ng	0.00
79) Terphenyl-d14	12.97	244	90625	7.08	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	1278	Below Cal	Qvalue	# 1
51) 2,6-Dinitrotoluene	9.91	165	19224	7.224	ng	# 25
57) 2,4-Dinitrotoluene	9.91	165	19224	5.591	ng	# 26
80) Butylbenzylphthalate	13.48	149	23093	3.266	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.01	149	75402	8.121	ng	# 76

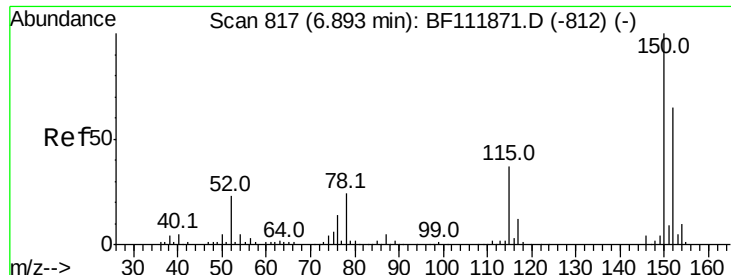
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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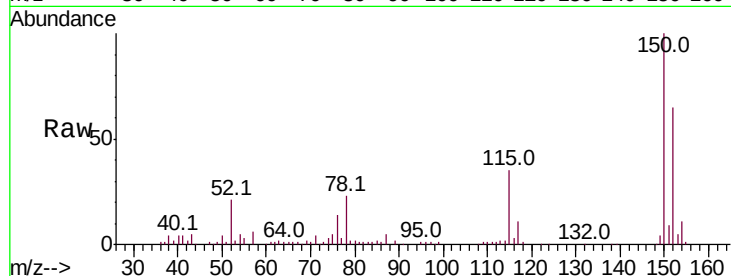


#1

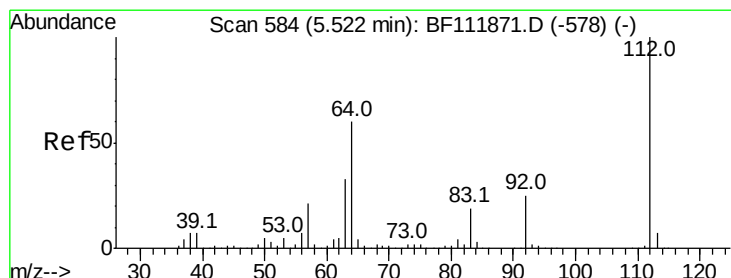
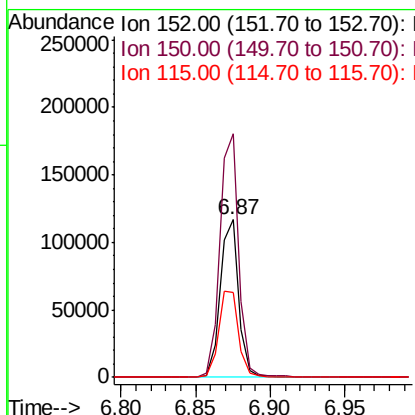
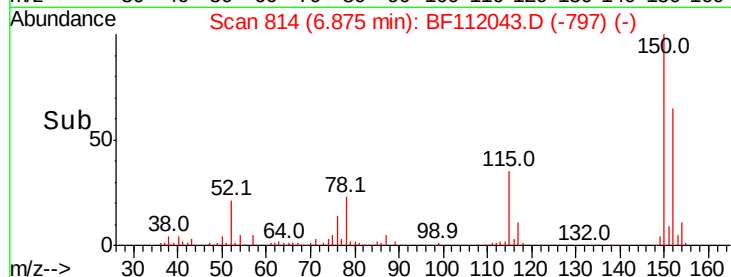
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102702
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 54.3 45.2 67.8



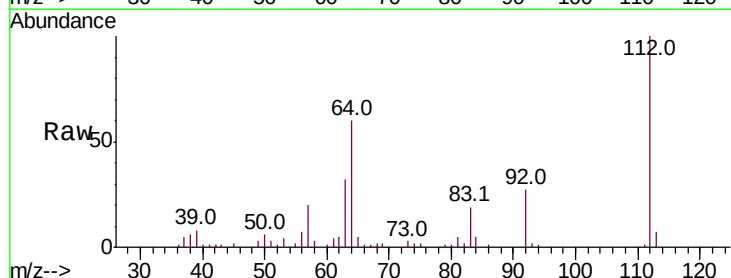
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



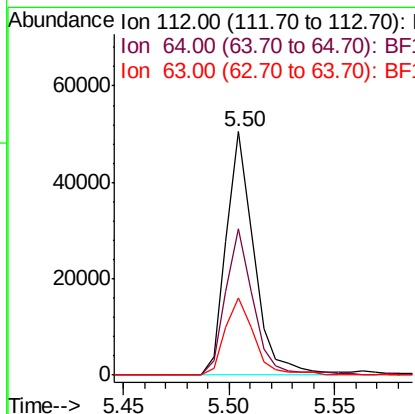
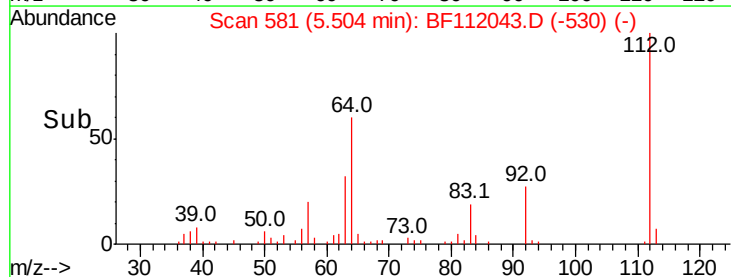
#5

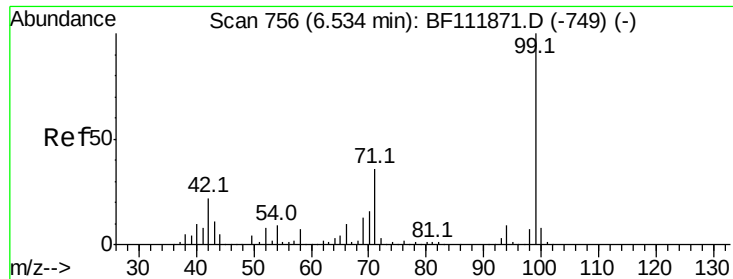
2-Fluorophenol
Concen: 7.713 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Tgt Ion:112 Resp: 46302
Ion Ratio Lower Upper
112 100
64 60.2 48.3 72.5
63 31.6 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: 7.862 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Instrument :

BNA_F

ClientSampleId :

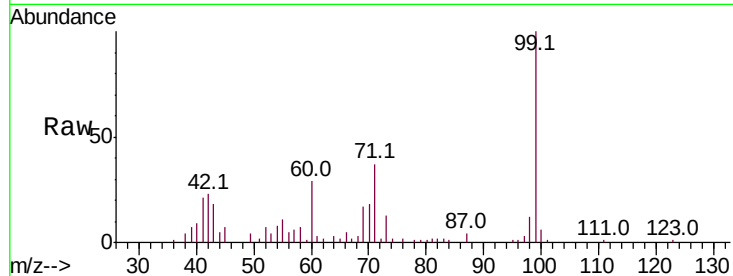
Tot Ion: 99 Resp: 60827

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

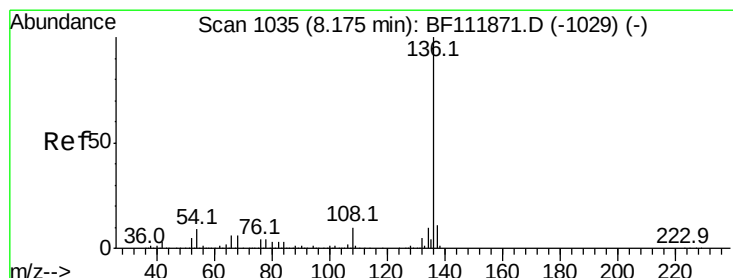
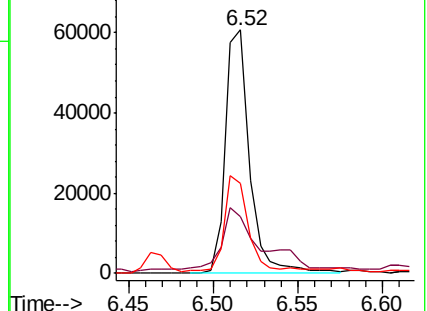
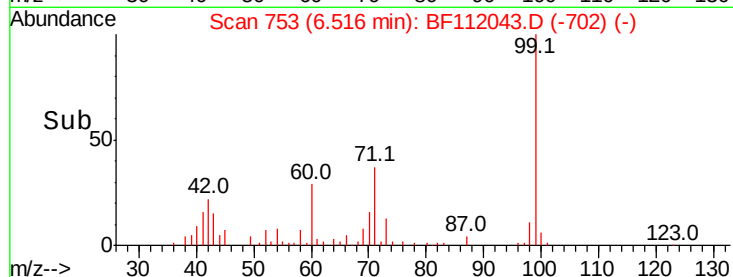
71 36.9 28.7 43.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Tgt Ion: 136 Resp: 333063

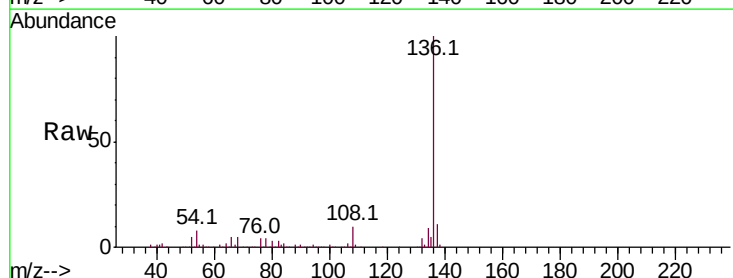
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.2 7.2 10.8

68 5.0 4.4 6.6

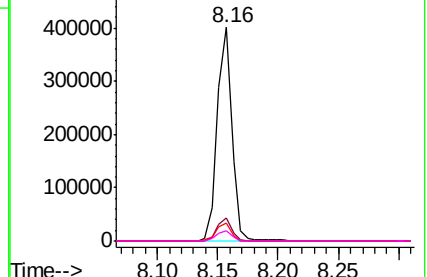
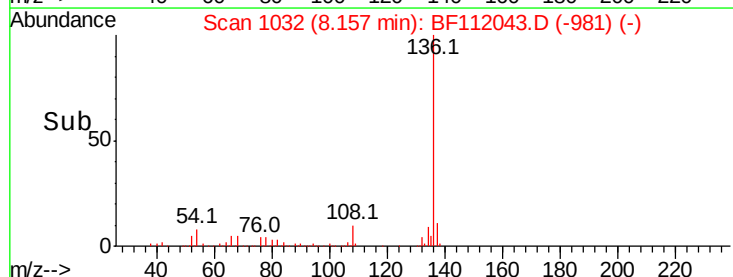


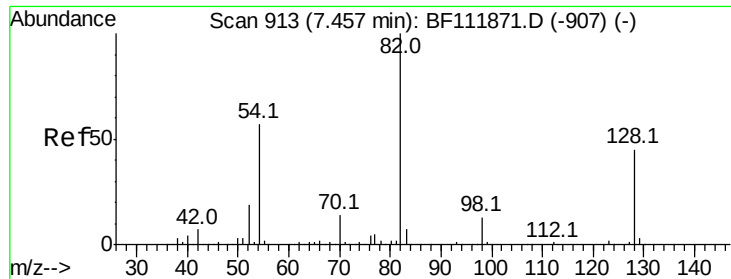
Abundance Ion 136.00 (135.70 to 136.70): E

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

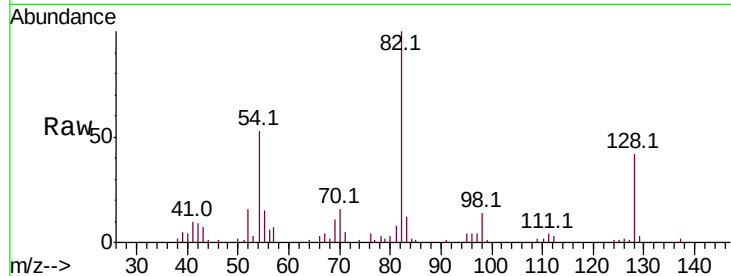




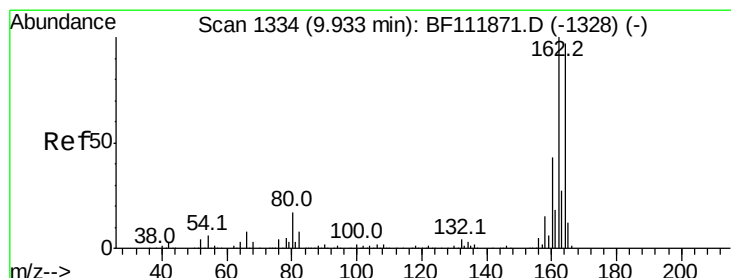
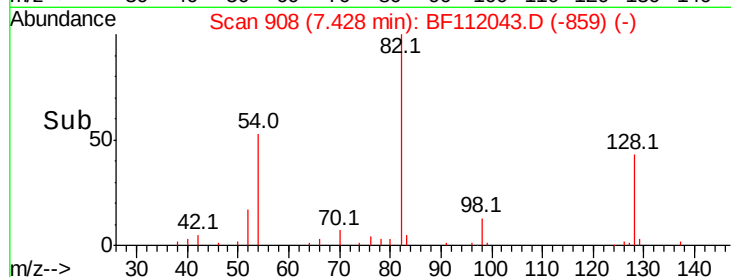
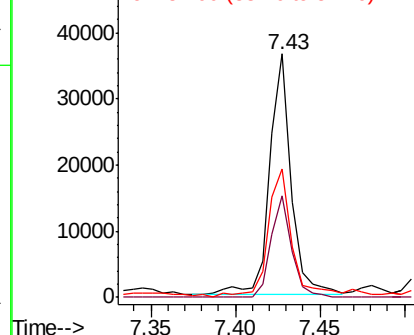
#23
Nitrobenzene-d5
Concen: 5.165 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	32187
Ion Ratio	100	Lower	Upper
128	41.7	35.7	53.5
54	52.8	45.8	68.8

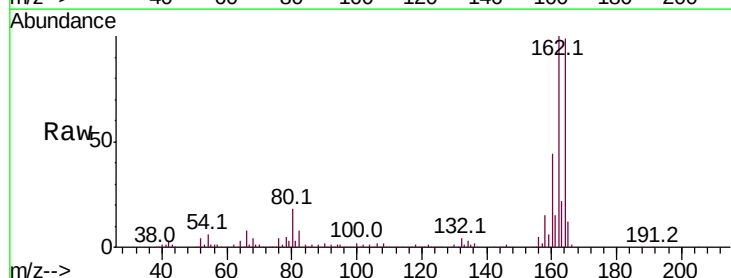


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

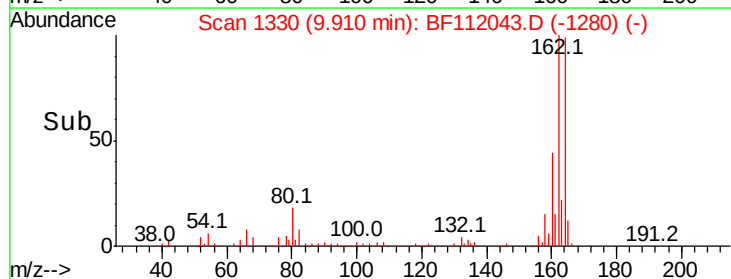
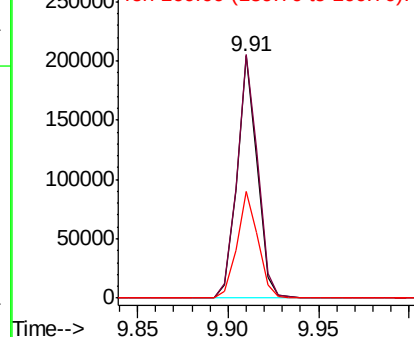


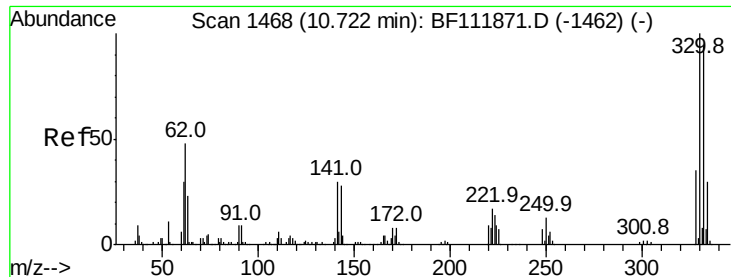
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Tgt Ion	164	Resp	158405
Ion Ratio	100	Lower	Upper
162	100.6	82.2	123.2
160	44.3	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

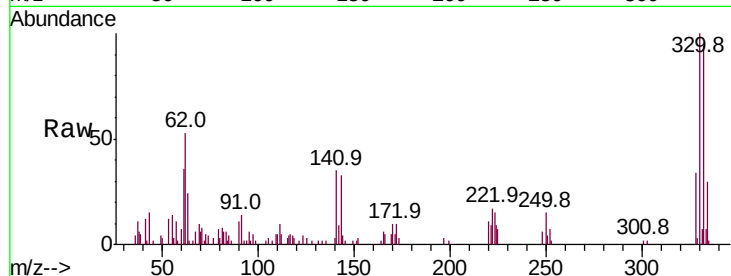




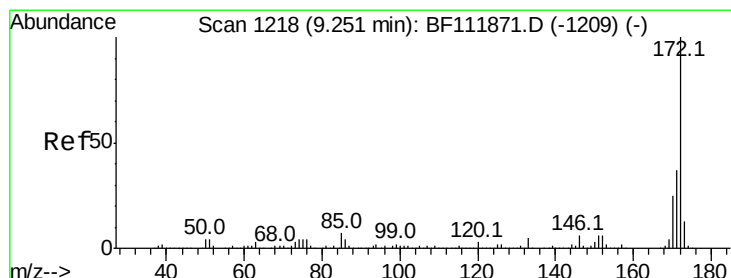
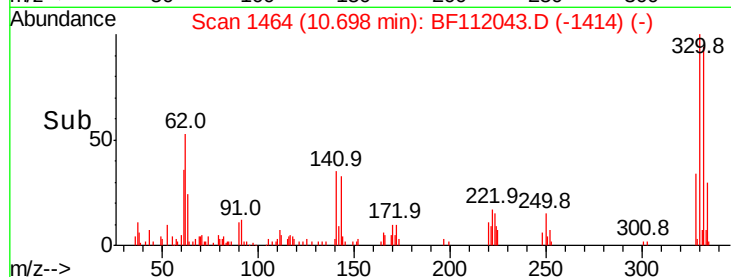
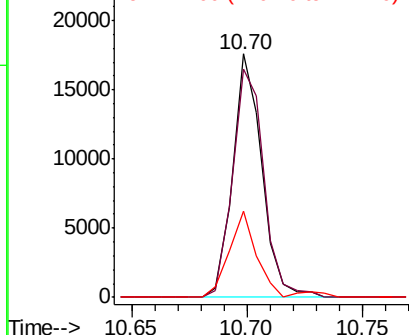
#42
 2,4,6-Tribromophenol
 Concen: 7.500 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112043.D
 Acq: 12 Jan 2019 4:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.9	76.9	115.3
141	33.7	23.7	35.5

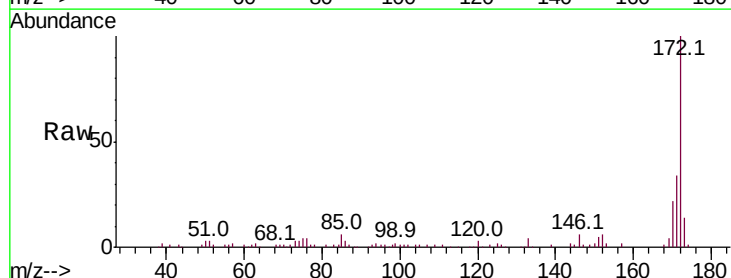


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

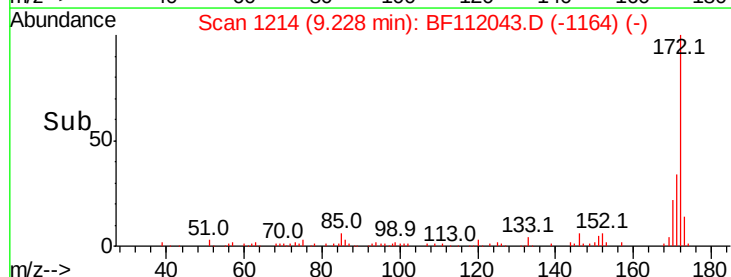
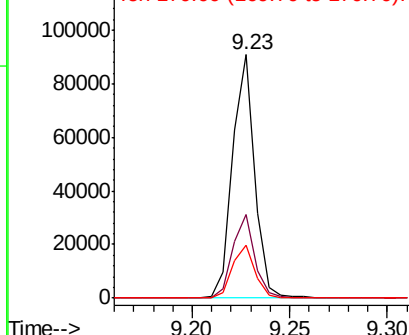


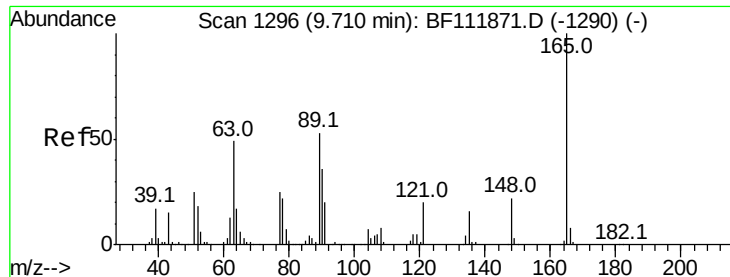
#45
 2-Fluorobiphenyl
 Concen: 6.576 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112043.D
 Acq: 12 Jan 2019 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.6	44.4
170	21.9	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





#51

2,6-Dinitrotoluene

Concen: 7.224 ng

RT: 9.91 min Scan# 1330

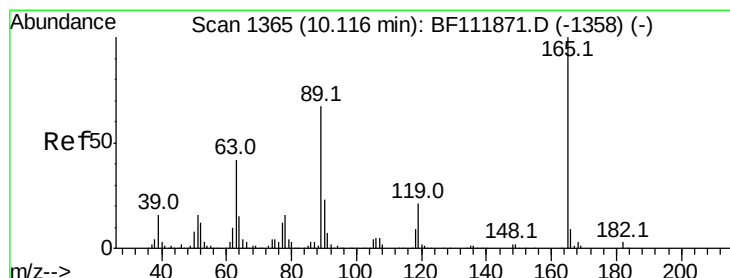
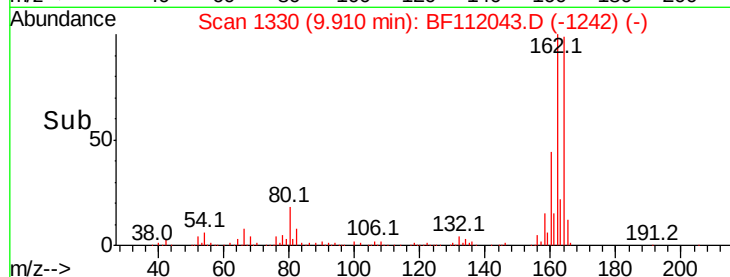
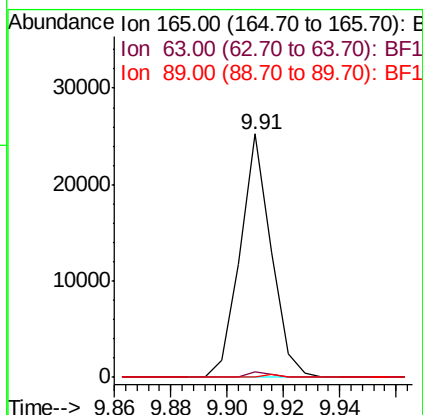
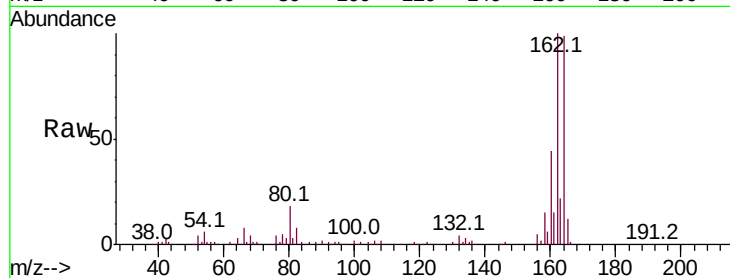
Delta R.T. 0.22 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	19224
Ion Ratio	Lower	Upper
165 100		
63 2.1	46.2	69.2#
89 0.0	42.2	63.2#



#57

2,4-Dinitrotoluene

Concen: 5.591 ng

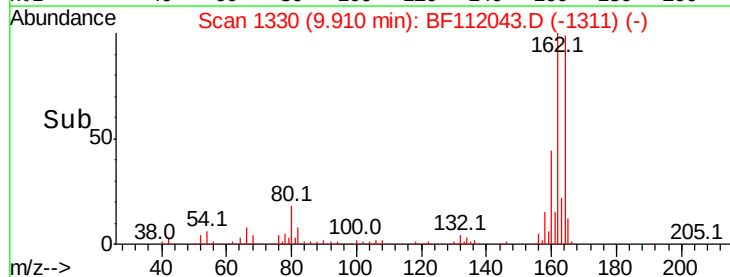
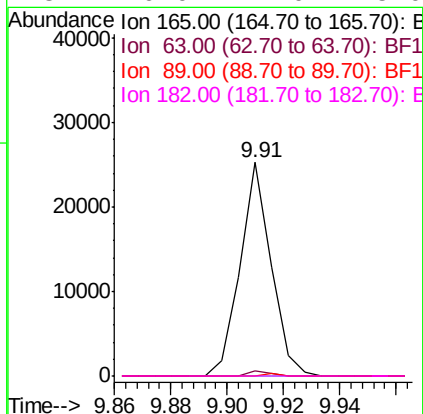
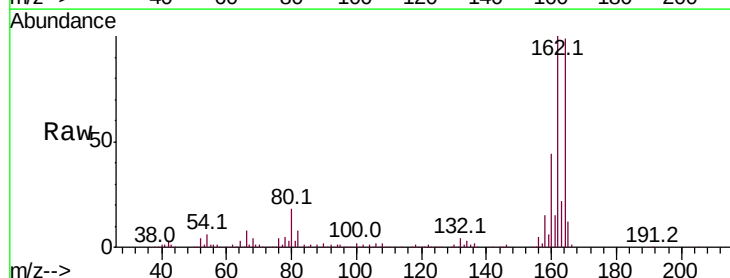
RT: 9.91 min Scan# 1330

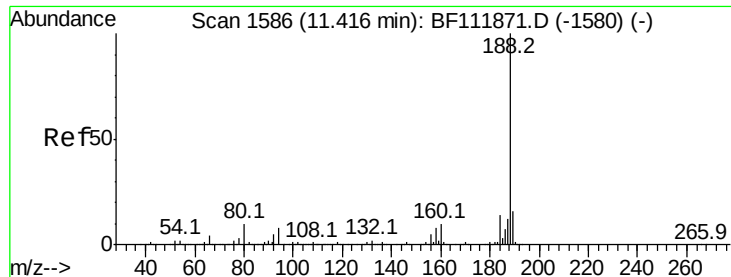
Delta R.T. -0.19 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Tgt Ion:165	Resp:	19224
Ion Ratio	Lower	Upper
165 100		
63 2.1	34.1	51.1#
89 0.0	53.5	80.3#
182 0.0	2.0	3.0#

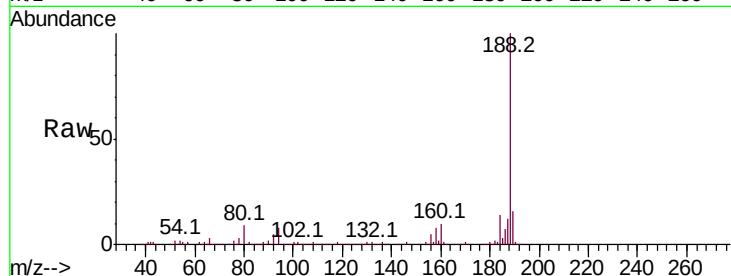




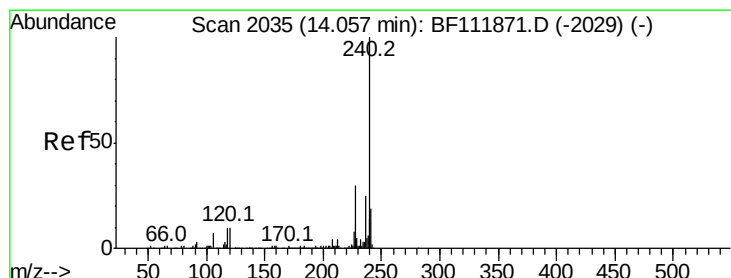
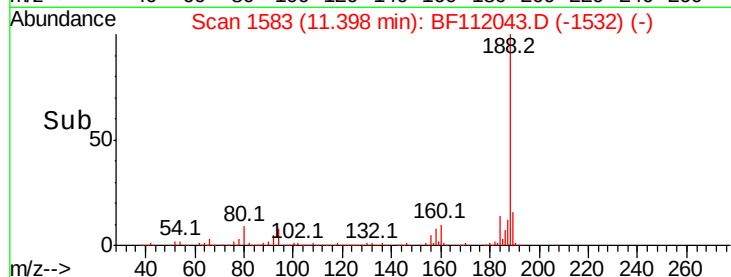
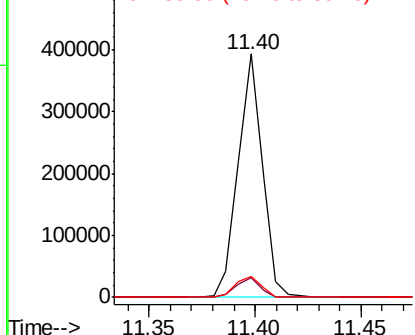
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 311735
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.6 7.7 11.5

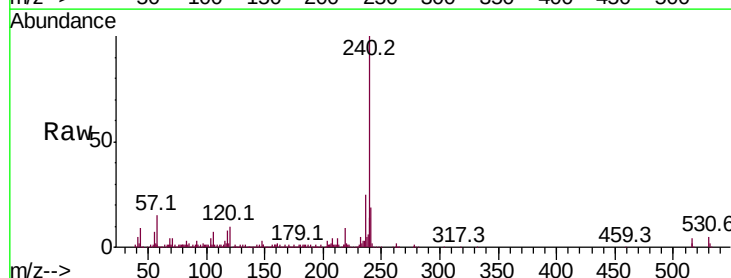


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

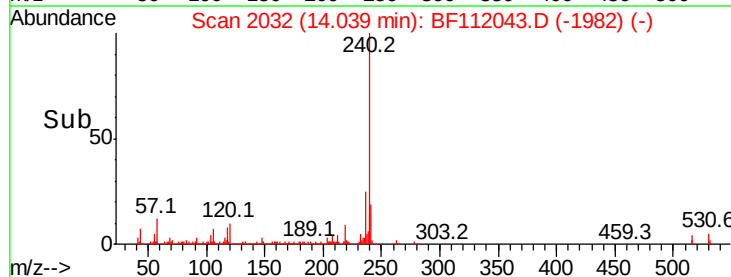
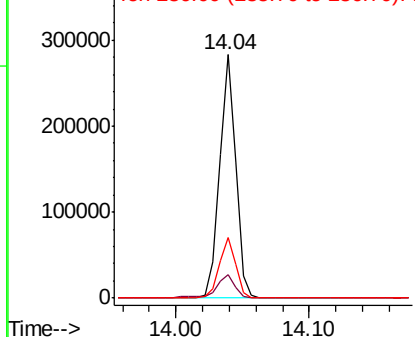


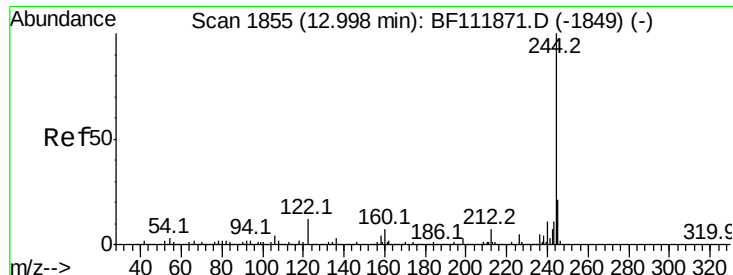
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Tgt Ion:240 Resp: 243046
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 7.078 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Instrument :

BNA_F

ClientSampleId :

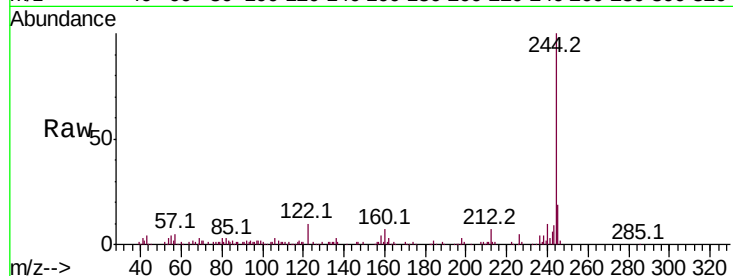
Tot Ion:244 Resp: 90625

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

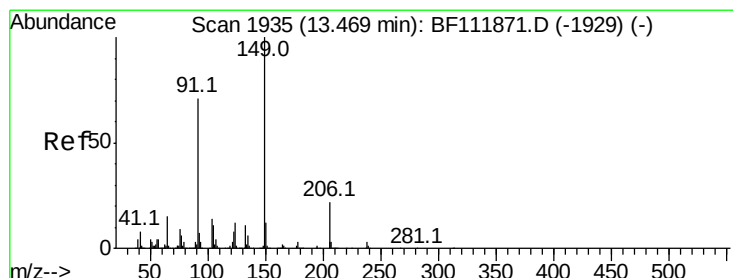
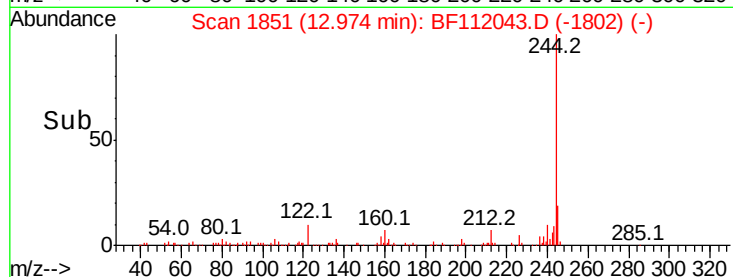
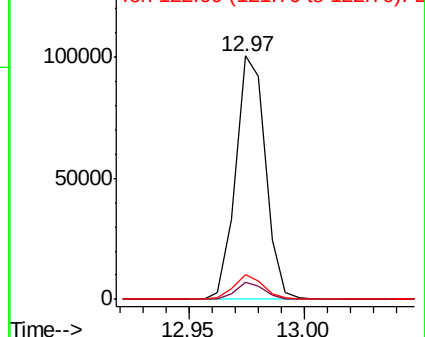
122 10.2 9.5 14.3



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: 3.266 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.03 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

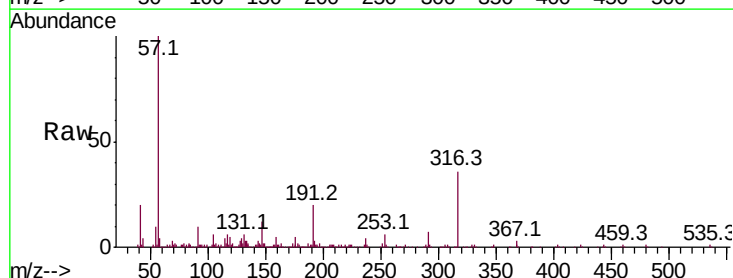
Tgt Ion:149 Resp: 23093

Ion Ratio Lower Upper

149 100

91 402.7 57.2 85.8#

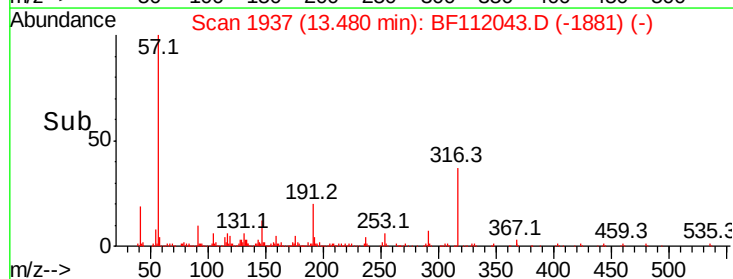
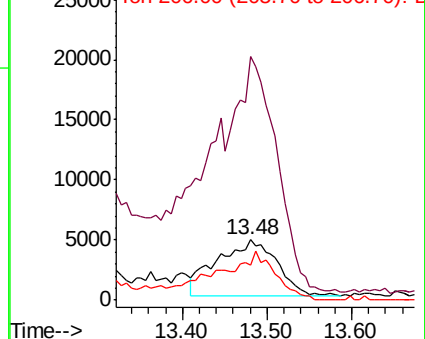
206 57.7 17.3 25.9#

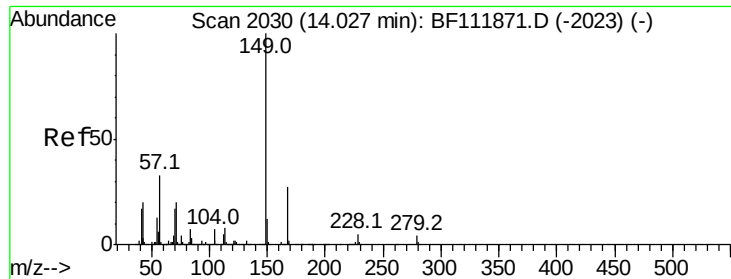


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.121 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Instrument :

BNA_F

ClientSampleId :

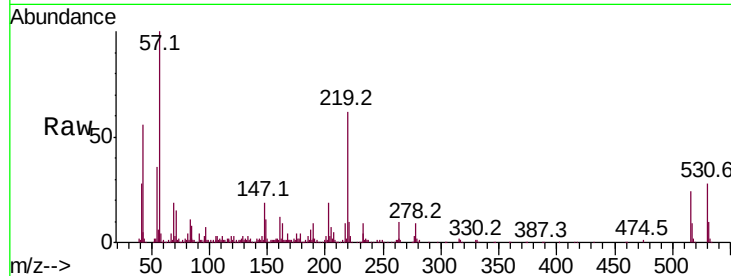
Tot Ion:149 Resp: 75402

Ion Ratio Lower Upper

149 100

167 38.5 21.5 32.3#

279 14.6 3.0 4.6#

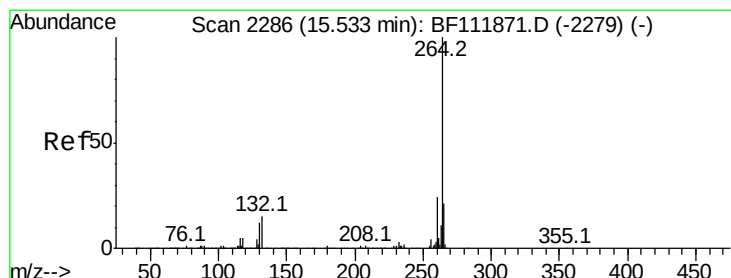
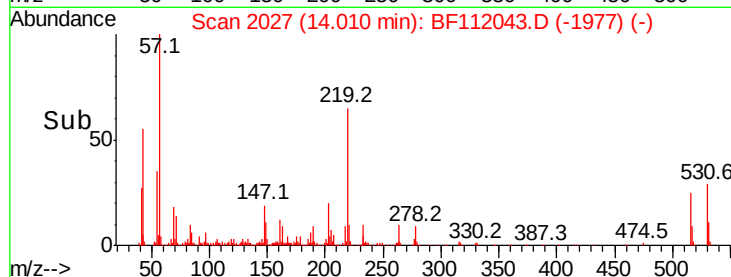
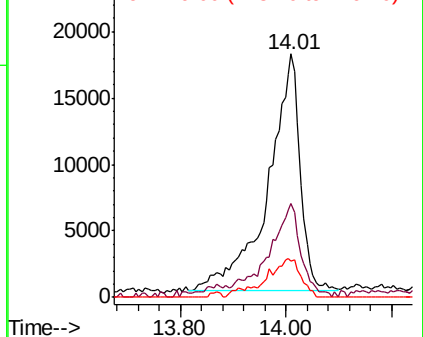


Abundance

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: BF112043.D

Acq: 12 Jan 2019 4:25

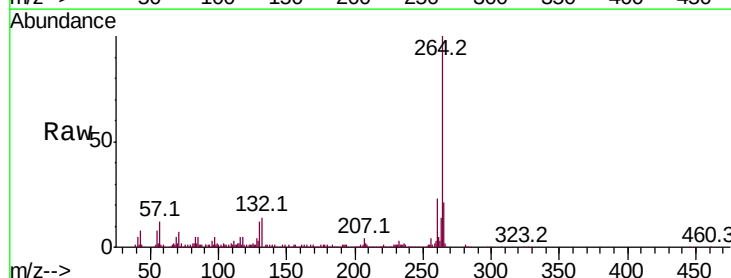
Tgt Ion:264 Resp: 183154

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 17.1 25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

