

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112044.D
 Acq On : 12 Jan 2019 4:52
 Operator : JU/SJ
 Sample : K1118-09 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 05:32:09 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

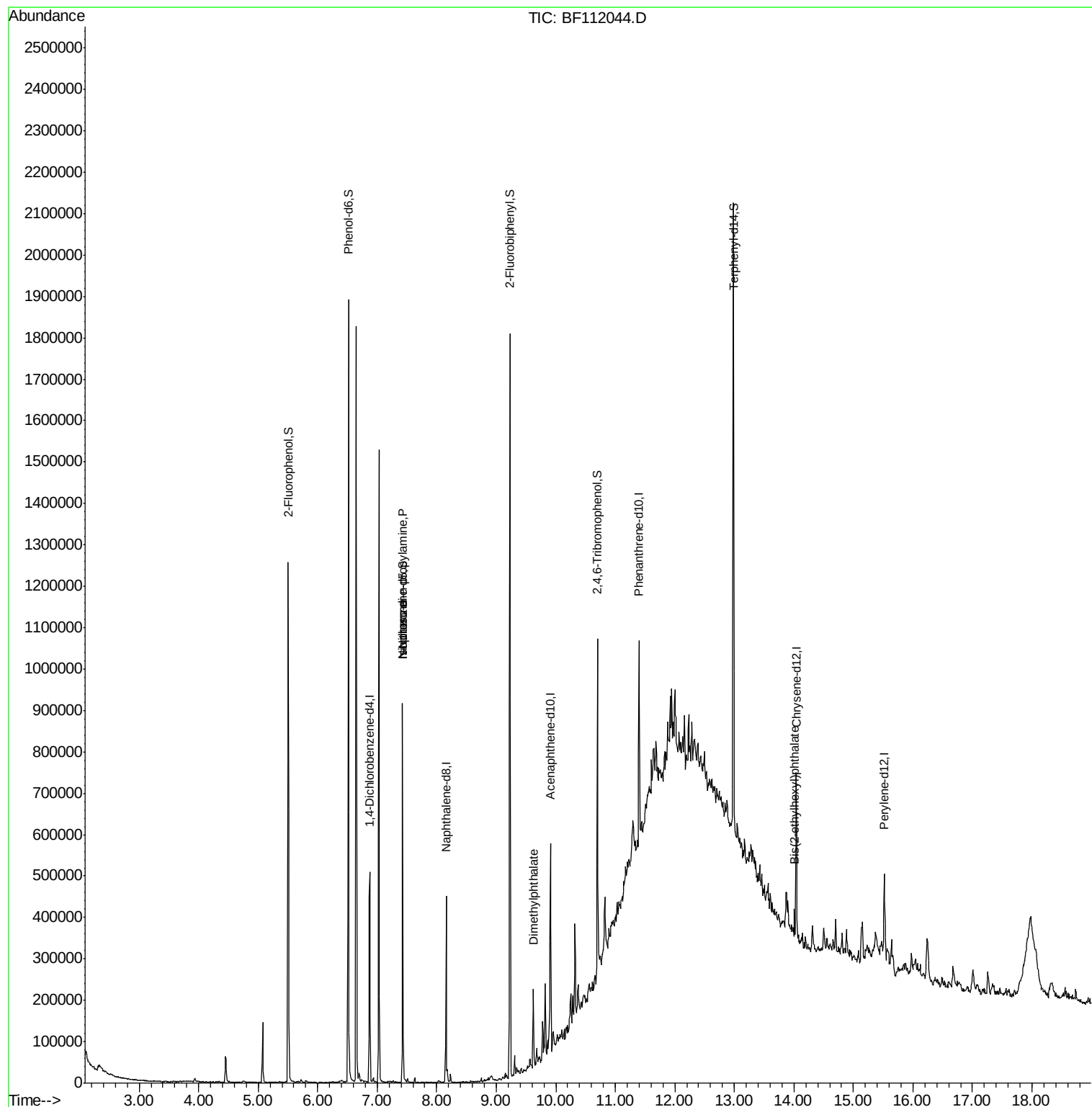
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	76488	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	191041	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	87448	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	164012	20.00	ng	0.00
76) Chrysene-d12	14.04	240	133819	20.00	ng	0.00
87) Perylene-d12	15.52	264	97822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	306176	68.48	ng	0.00
7) Phenol-d6	6.52	99	550766	95.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	258384	72.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	105441	92.70	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	477211	79.58	ng	0.00
79) Terphenyl-d14	12.99	244	558733	79.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	866	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	34330	9.169 ng	#	78
25) Isophorone	7.43	82	258378	44.638 ng	#	65
50) Dimethylphthalate	9.62	163	22839	3.477 ng	#	92
84) Bis(2-ethylhexyl)phthalate	14.01	149	19181	3.752 ng		94

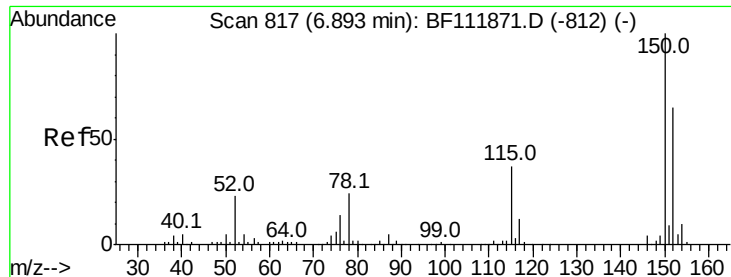
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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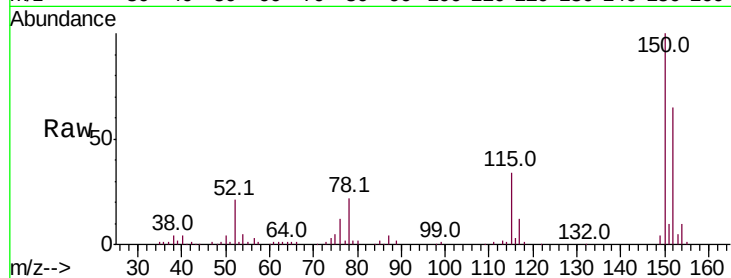


#1

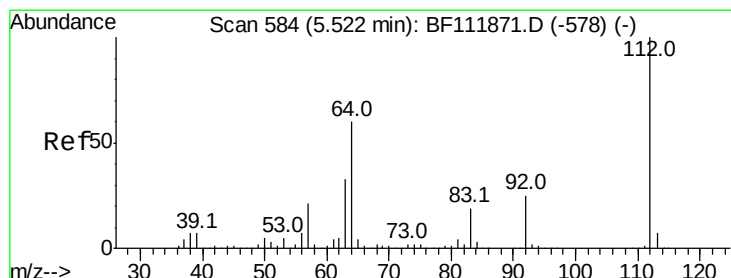
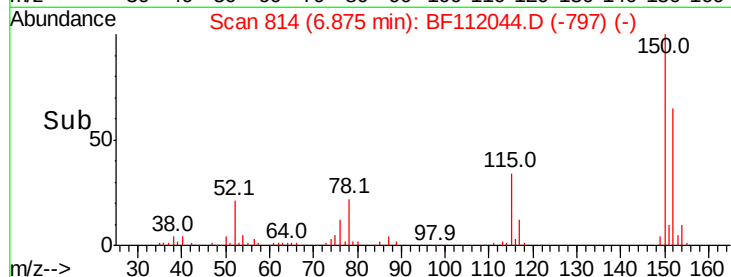
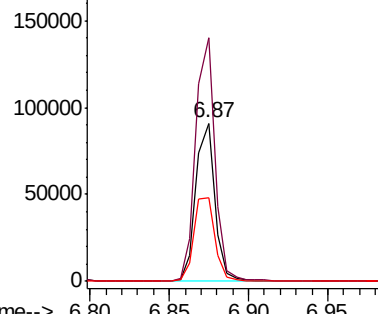
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76488
Ion Ratio Lower Upper
152 100
150 154.1 122.7 184.1
115 52.6 45.2 67.8



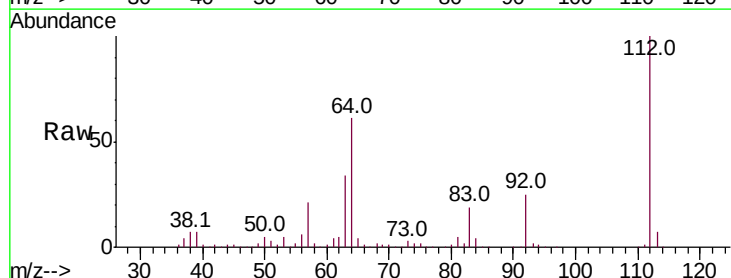
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



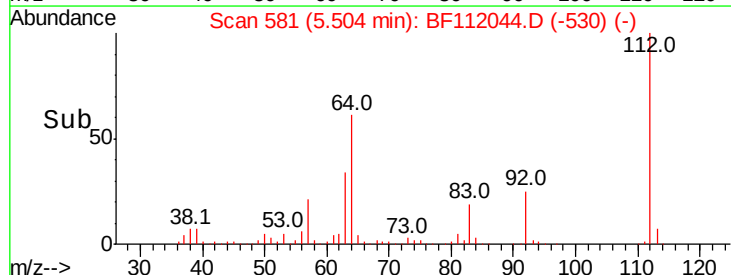
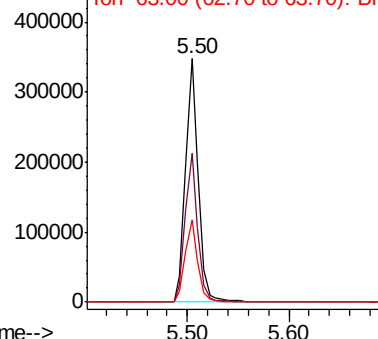
#5

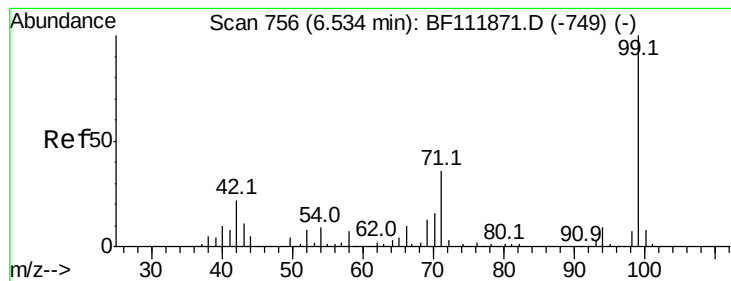
2-Fluorophenol
Concen: 68.483 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

Tgt Ion:112 Resp: 306176
Ion Ratio Lower Upper
112 100
64 61.2 48.3 72.5
63 33.6 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: 95.579 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Instrument :

BNA_F

ClientSampled :

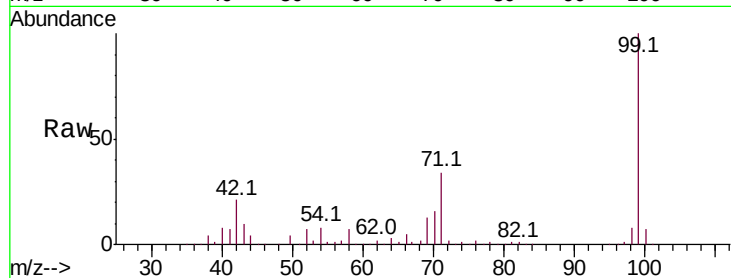
Tot Ion: 99 Resp: 550766

Ion Ratio Lower Upper

99 100

42 20.6 17.9 26.9

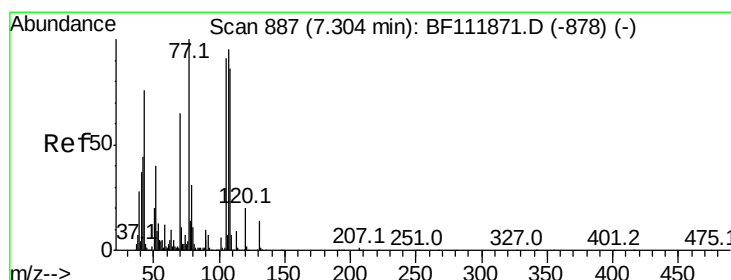
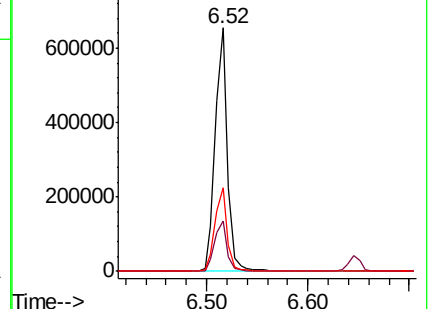
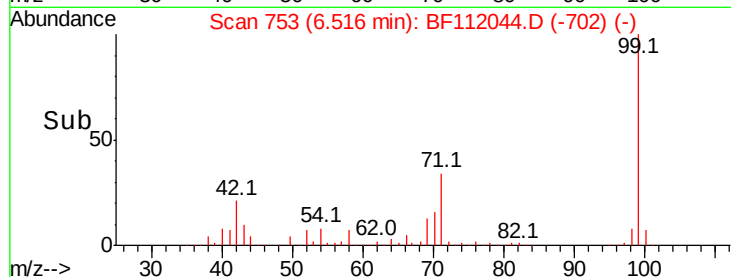
71 34.4 28.7 43.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.169 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Tgt Ion: 70 Resp: 34330

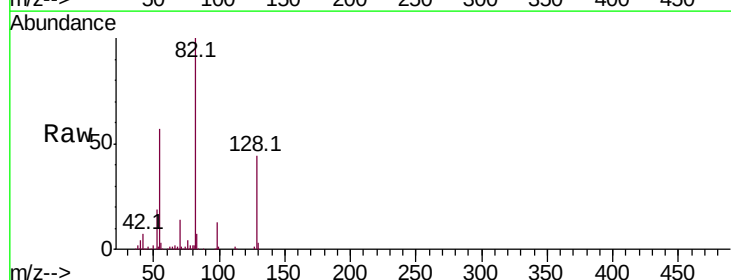
Ion Ratio Lower Upper

70 100

42 53.8 53.6 80.4

101 0.0 7.3 10.9#

130 2.6 16.8 25.2#

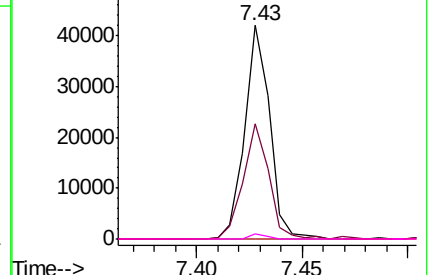
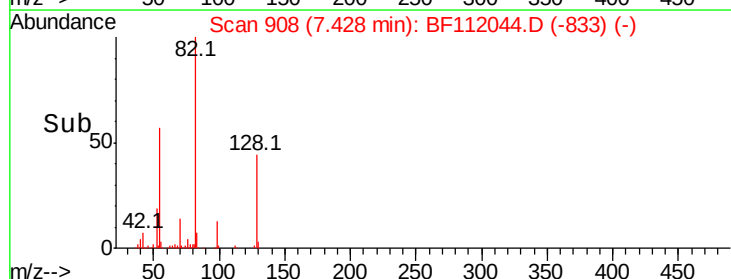


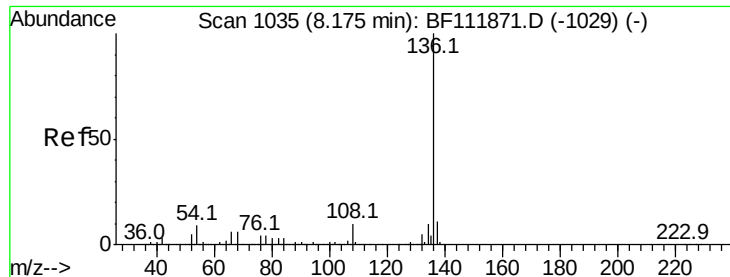
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

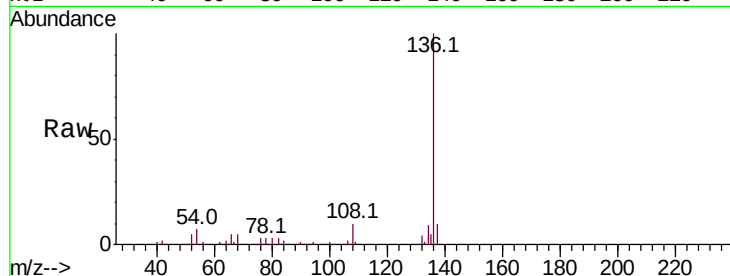




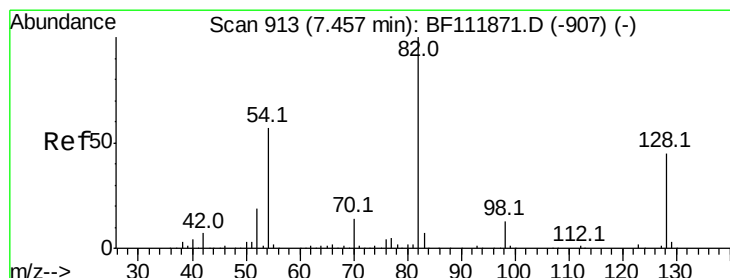
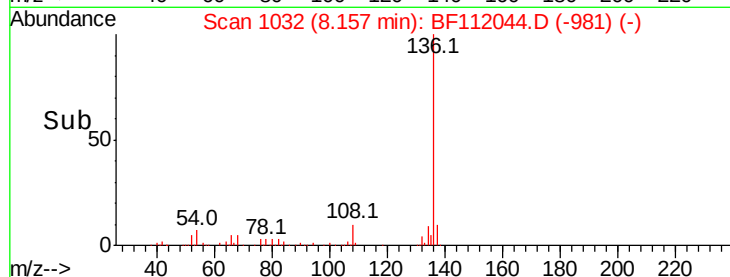
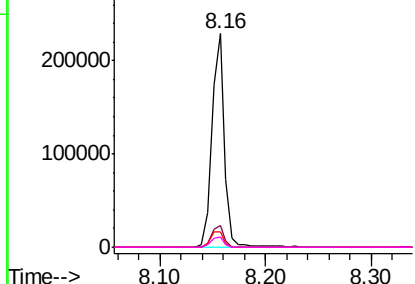
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	191041
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	7.4	7.2 10.8
68	4.7	4.4 6.6

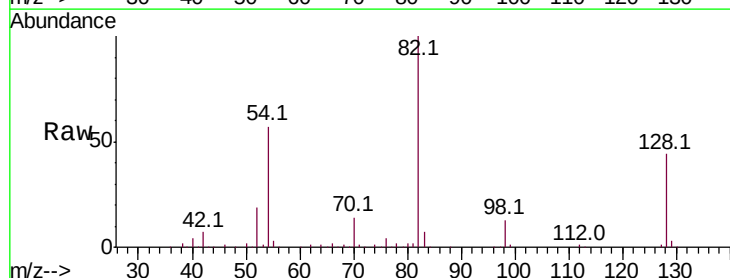


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

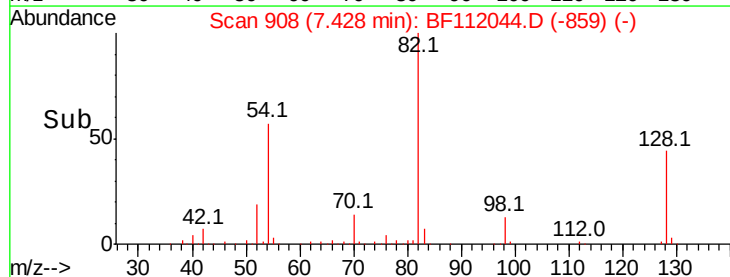
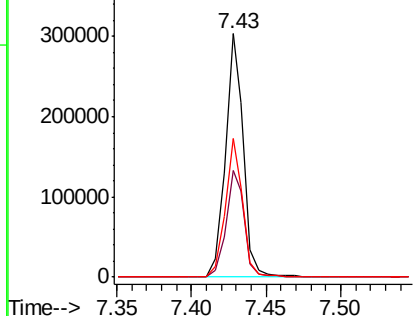


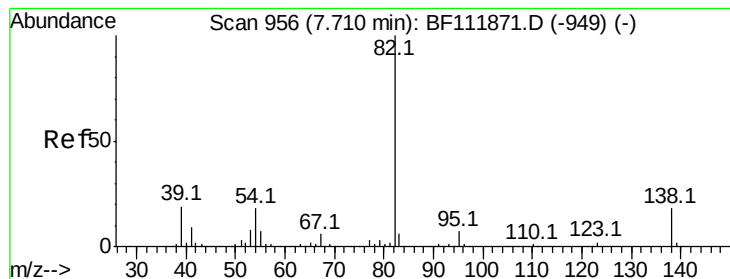
#23
Nitrobenzene-d5
Concen: 72.285 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

Tgt Ion: 82	Resp:	258384
Ion Ratio	Lower	Upper
82	100	
128	43.8	35.7 53.5
54	56.8	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





#25

Isophorone

Concen: 44.638 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Instrument :

BNA_F

ClientSampleId :

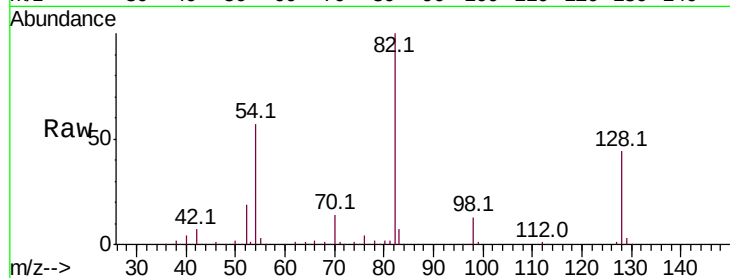
Tot Ion: 82 Resp: 258378

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

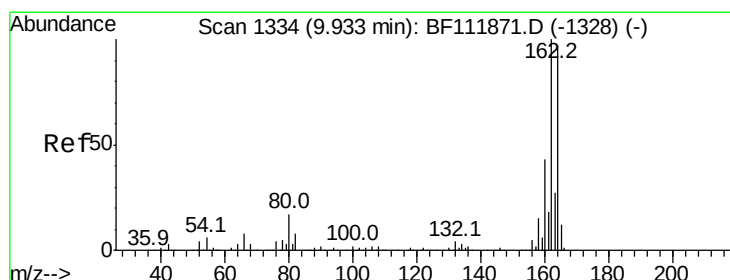
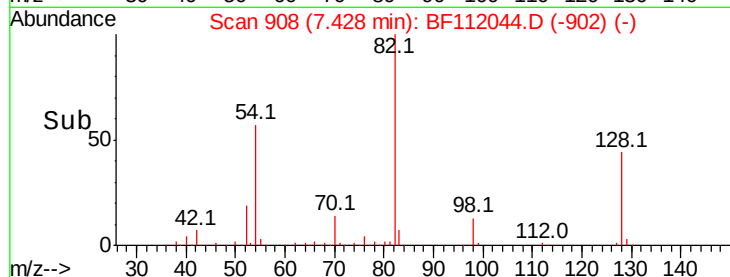
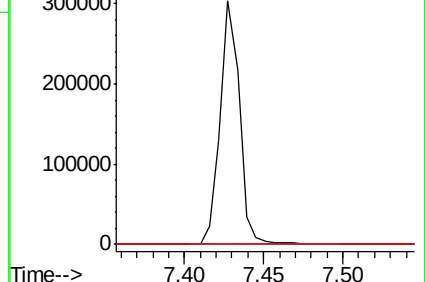
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

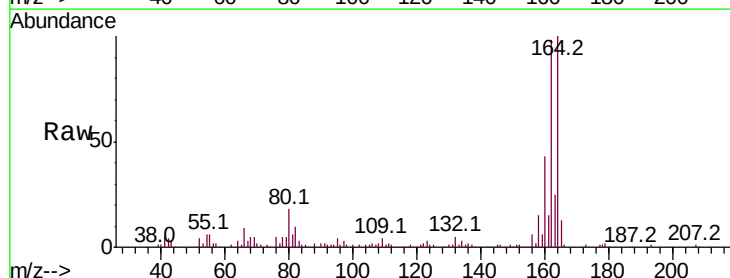
Tgt Ion:164 Resp: 87448

Ion Ratio Lower Upper

164 100

162 97.7 82.2 123.2

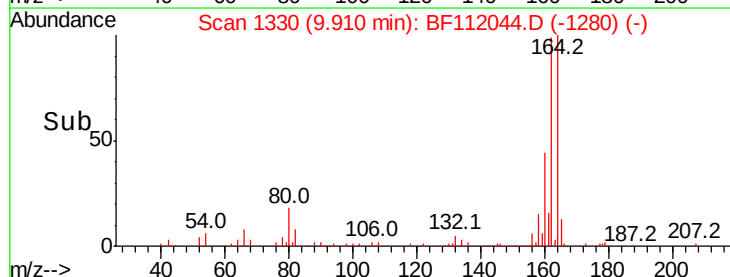
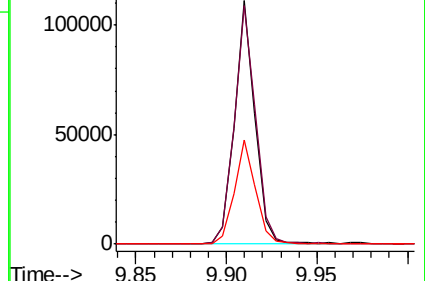
160 43.0 35.5 53.3

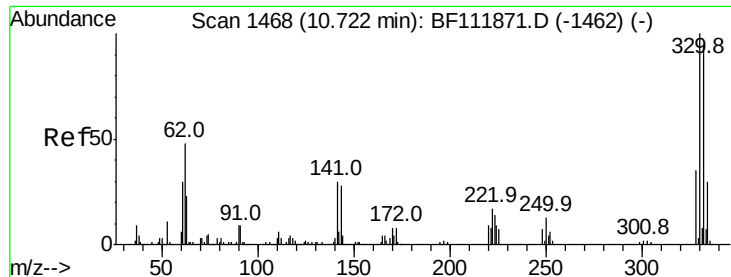


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

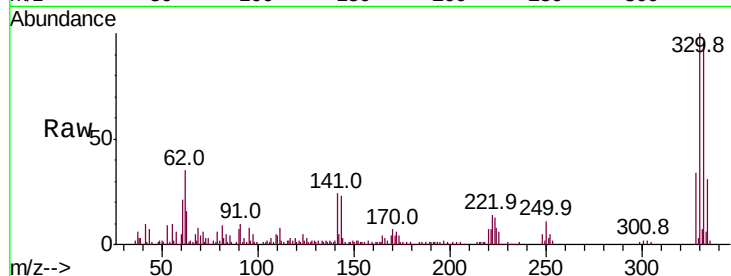




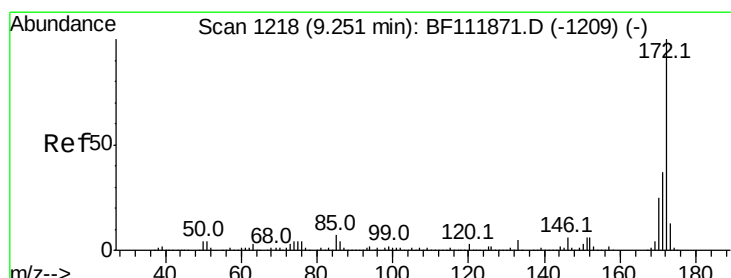
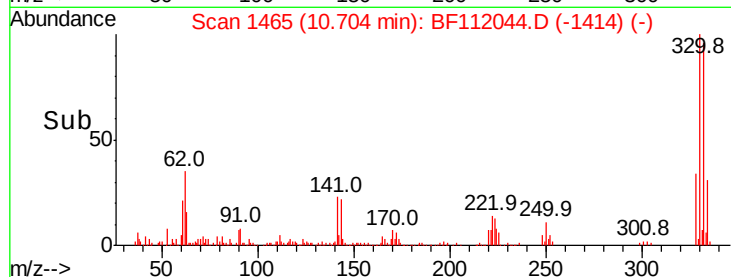
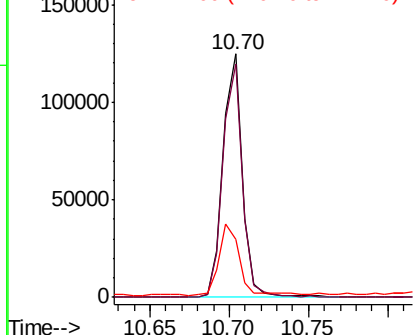
#42
 2,4,6-Tribromophenol
 Concen: 92.701 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	31.4	23.7	35.5

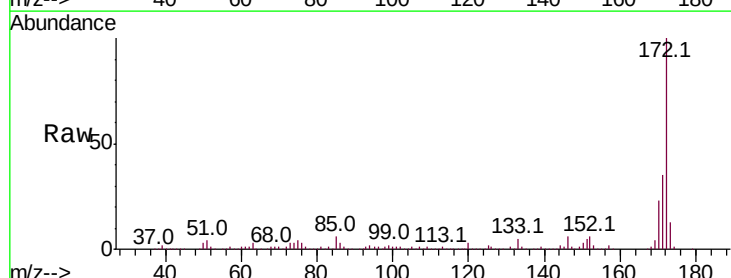


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

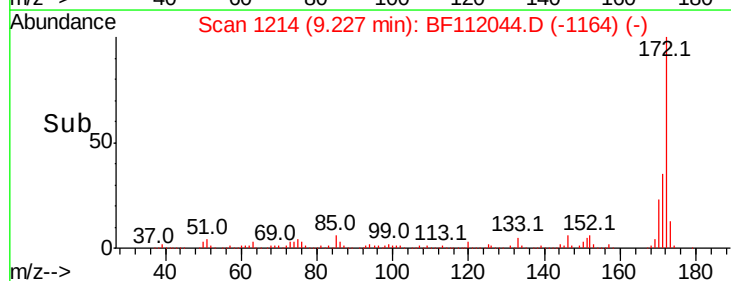
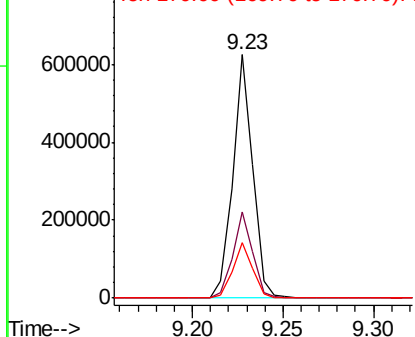


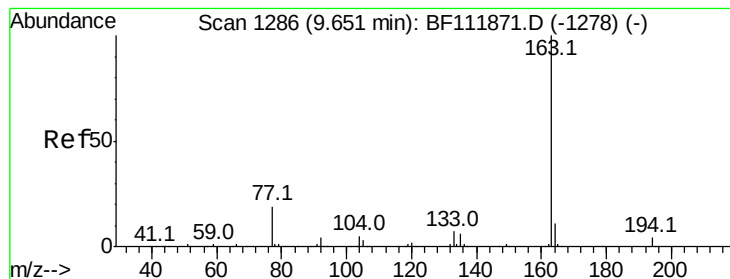
#45
 2-Fluorobiphenyl
 Concen: 79.575 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.0	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





#50

Dimethylphthalate

Concen: 3.477 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Instrument :

BNA_F

ClientSampleId :

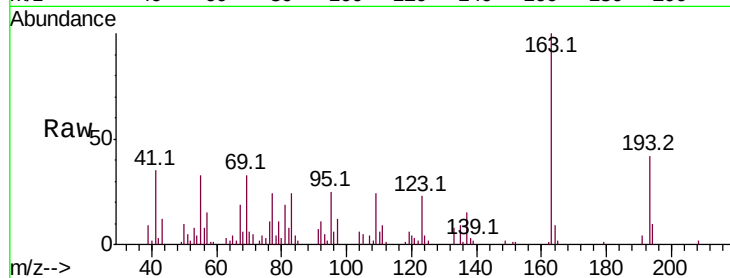
Tot Ion:163 Resp: 22839

Ion Ratio Lower Upper

163 100

194 10.2 3.4 5.2#

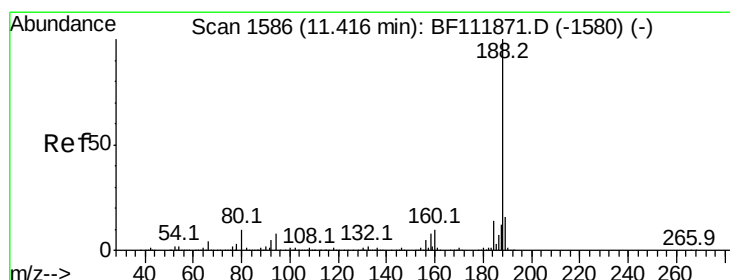
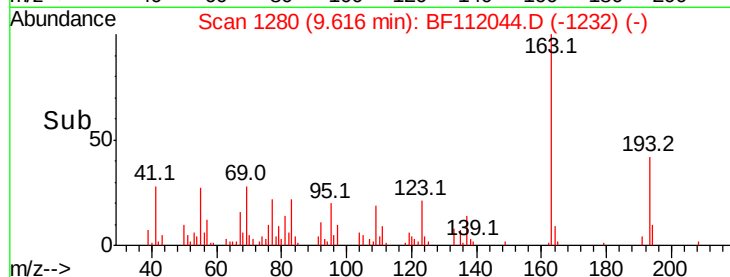
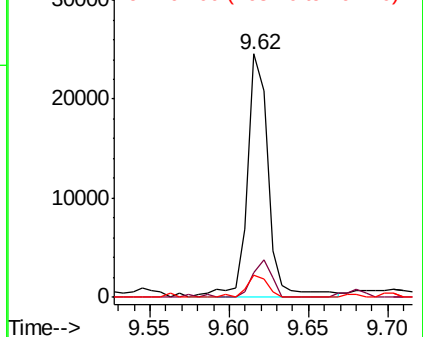
164 9.1 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

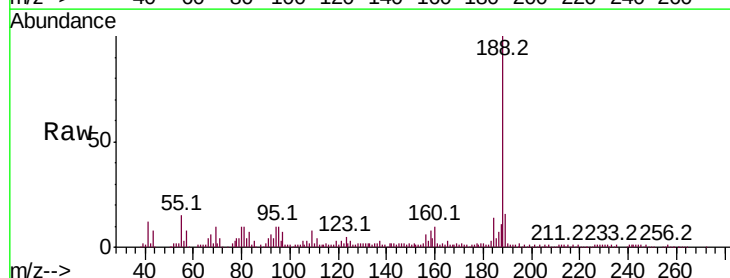
Tgt Ion:188 Resp: 164012

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

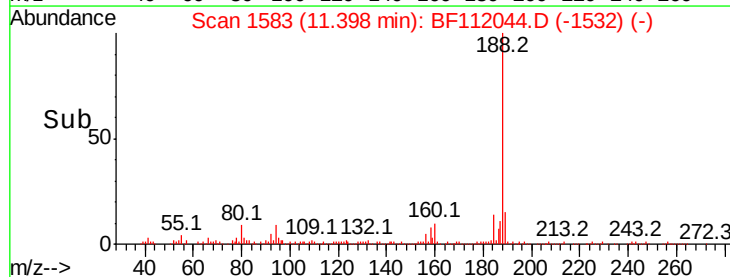
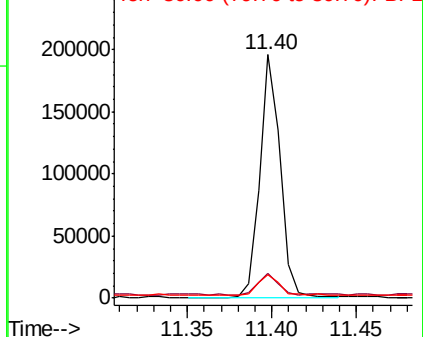
80 9.6 7.7 11.5

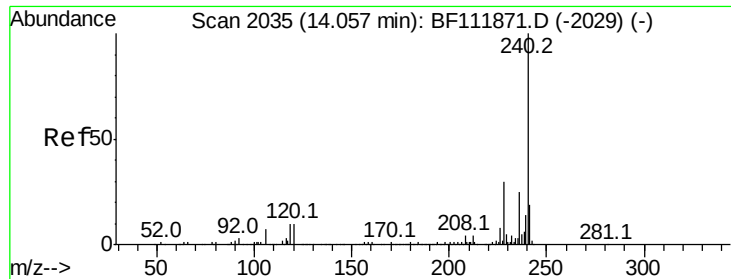


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

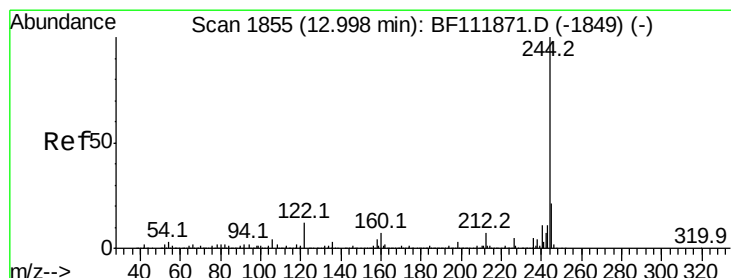
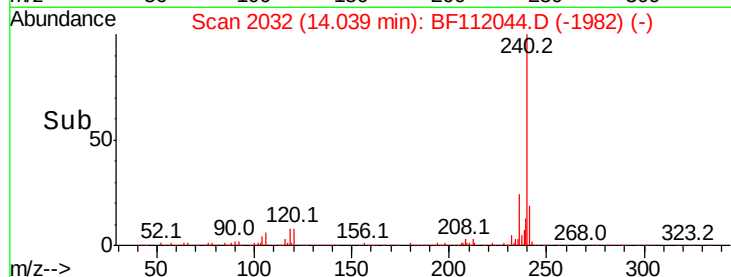
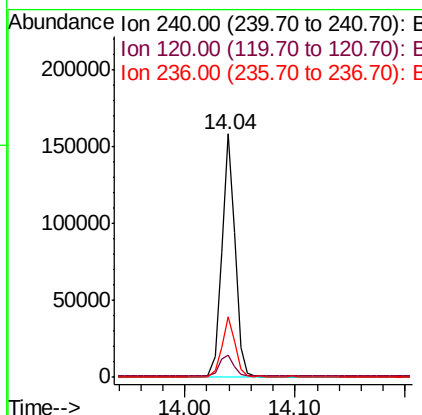
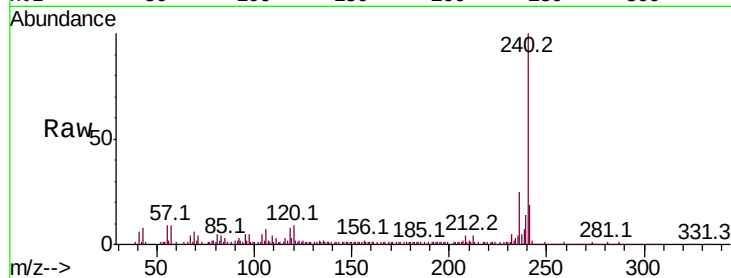




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

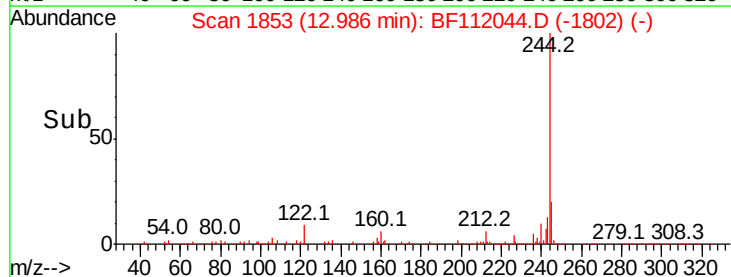
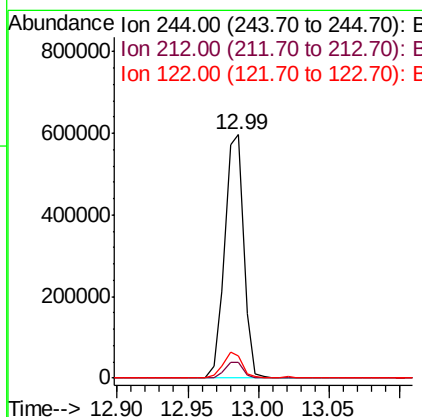
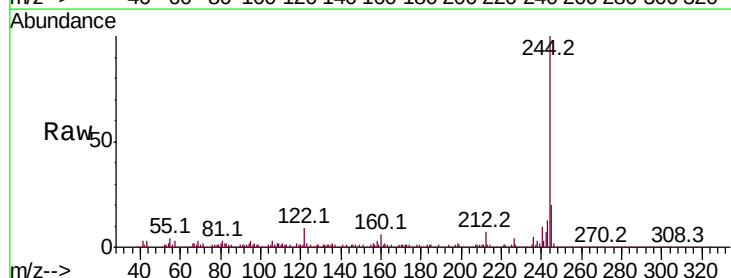
Instrument :
 BNA_F
 ClientSampleId :

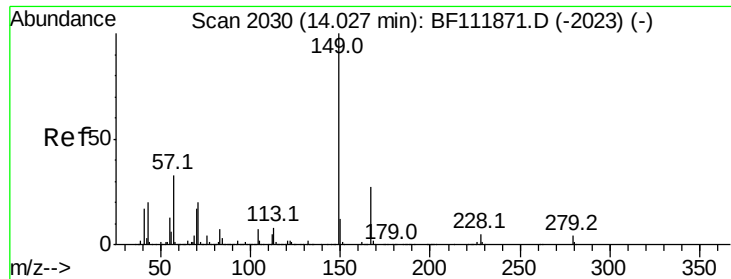
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	24.7	20.2	30.4



#79
 Terphenyl-d14
 Concen: 79.256 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.0	9.5	14.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.752 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Instrument :

BNA_F

ClientSampleId :

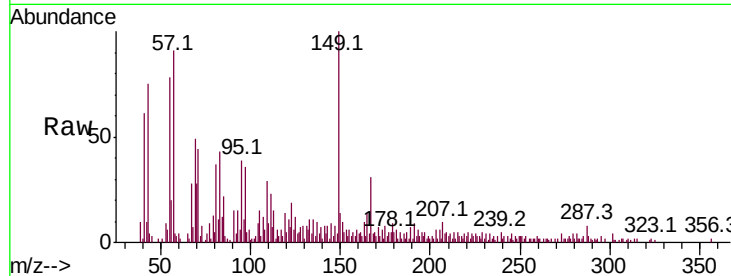
Tot Ion:149 Resp: 19181

Ion Ratio Lower Upper

149 100

167 30.6 21.5 32.3

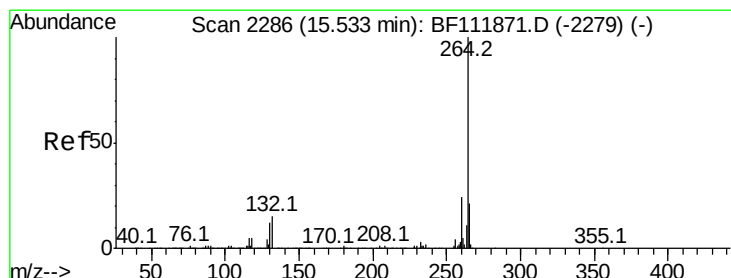
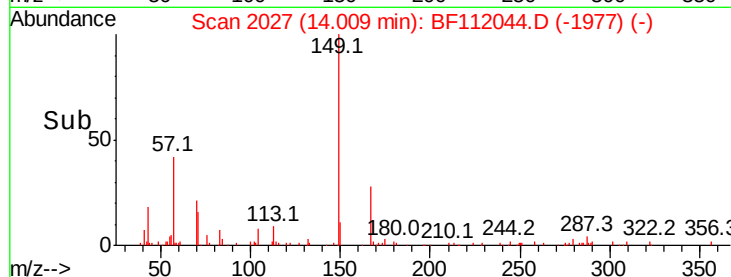
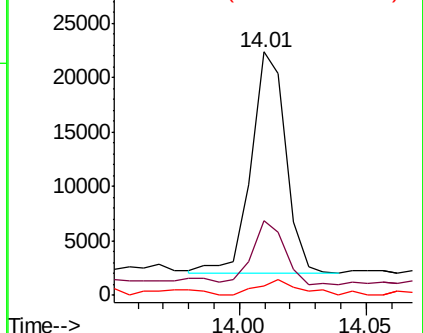
279 3.9 3.0 4.6



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: BF112044.D

Acq: 12 Jan 2019 4:52

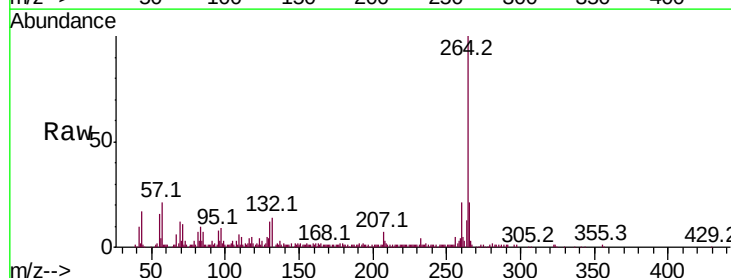
Tgt Ion:264 Resp: 97822

Ion Ratio Lower Upper

264 100

260 21.1 19.2 28.8

265 21.4 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

