

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112723.D
 Acq On : 27 Feb 2019 17:07
 Operator : JU/SJ
 Sample : K1594-29
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4(4-5)

Quant Time: Feb 28 02:56:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

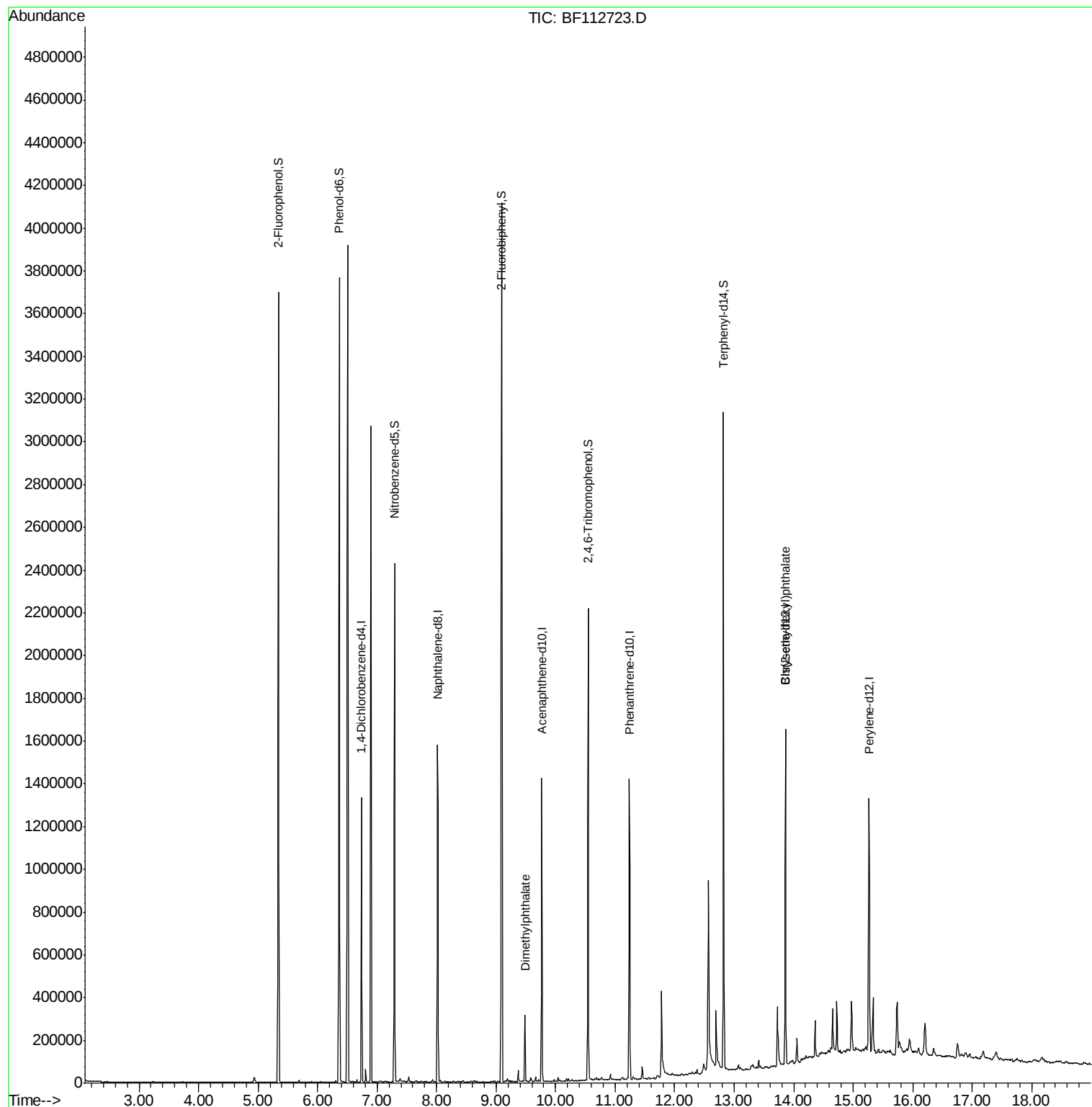
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	179789	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	661131	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	279837	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	467618	20.00	ng	0.00
76) Chrysene-d12	13.86	240	435235	20.00	ng	-0.01
87) Perylene-d12	15.27	264	493715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1020685	88.31	ng	0.00
7) Phenol-d6	6.37	99	1285066	88.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	754875	68.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	248896	83.78	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1233287	73.91	ng	0.00
79) Terphenyl-d14	12.82	244	1012153	45.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	121247	5.876	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	44876	2.362	ng	98

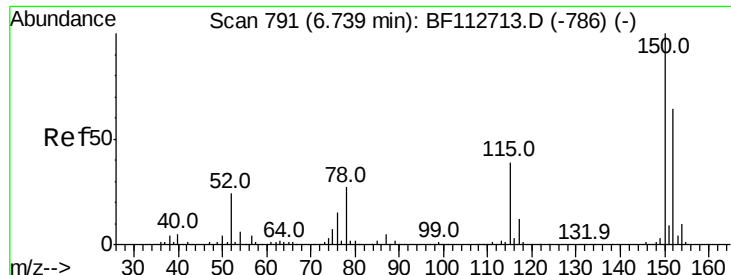
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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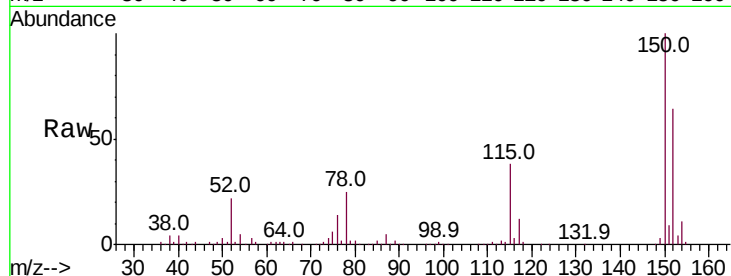


#1

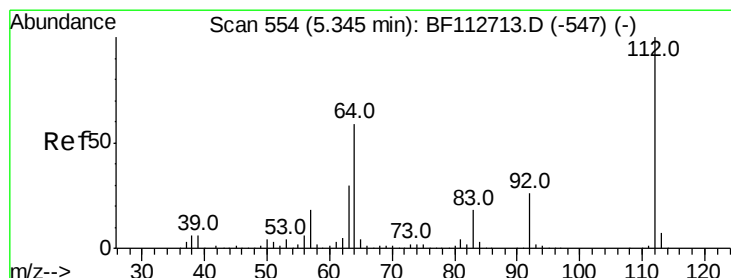
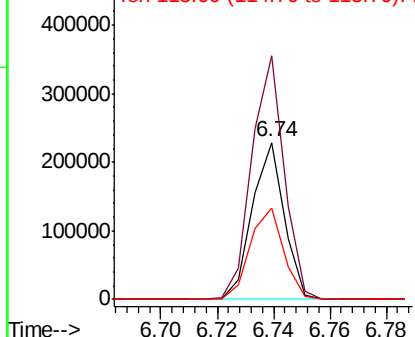
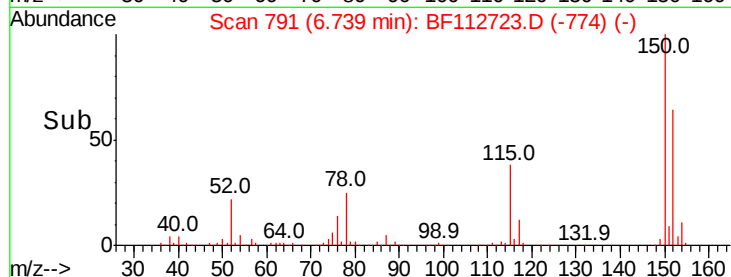
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF112723.D
 Acq: 27 Feb 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 B-4(4-5)

Tot Ion:152 Resp: 179789
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.2
 115 58.3 48.2 72.4



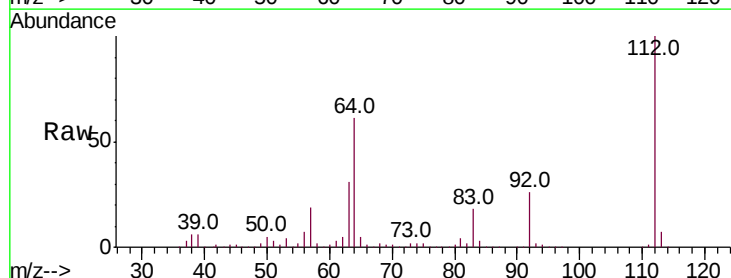
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



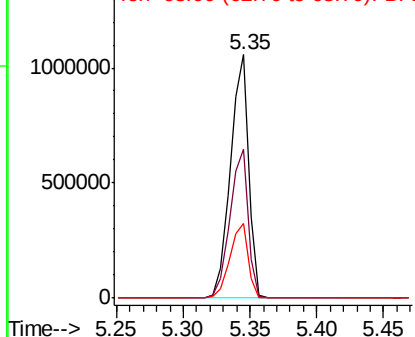
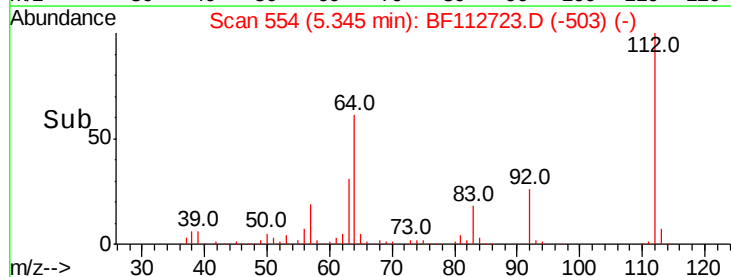
#5

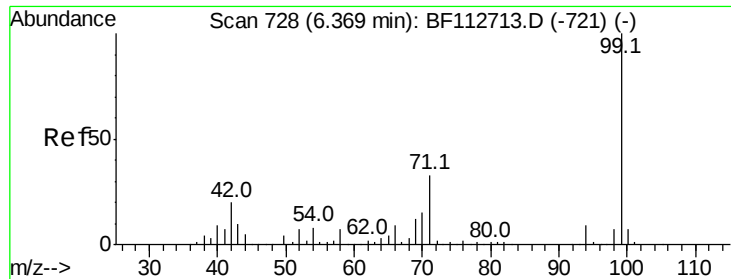
2-Fluorophenol
 Concen: 88.310 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF112723.D
 Acq: 27 Feb 2019 17:07

Tgt Ion:112 Resp: 1020685
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.6 71.4
 63 30.8 24.4 36.6



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: 88.511 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112723.D

Acq: 27 Feb 2019 17:07

Instrument :

BNA_F

ClientSampleId :

B-4(4-5)

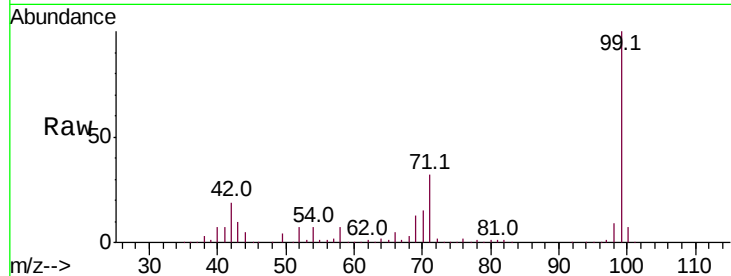
Tot Ion: 99 Resp: 1285066

Ion Ratio Lower Upper

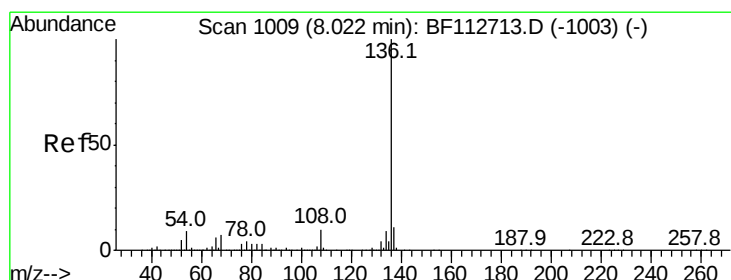
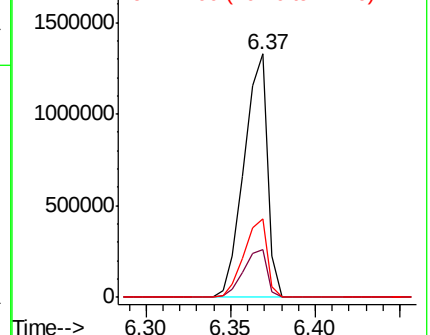
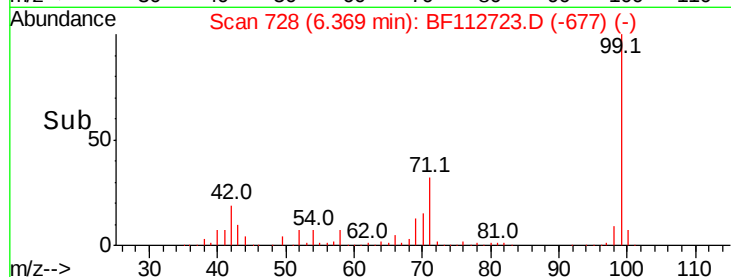
99 100

42 19.4 16.3 24.5

71 32.1 26.2 39.4



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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112723.D

Acq: 27 Feb 2019 17:07

Tgt Ion: 136 Resp: 661131

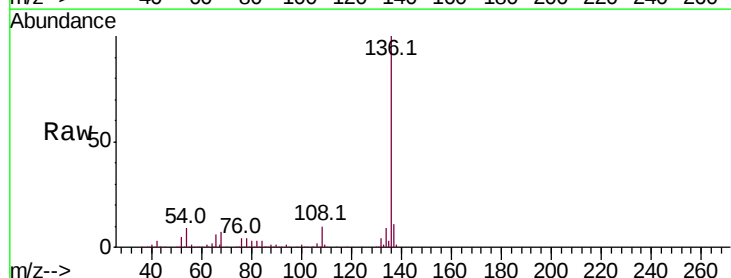
Ion Ratio Lower Upper

136 100

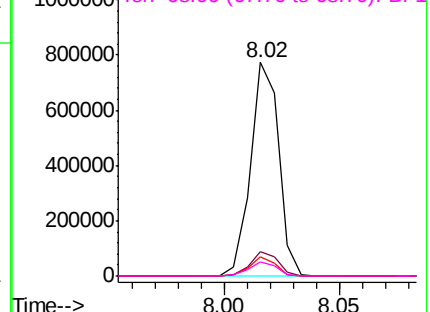
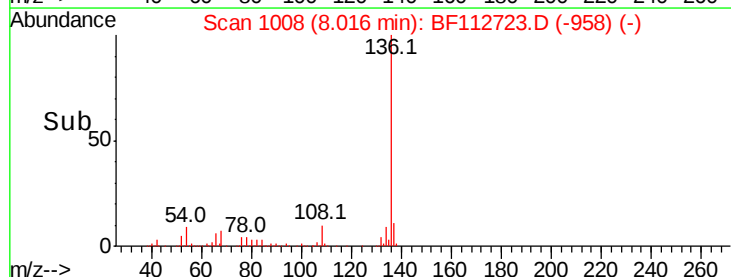
137 11.4 8.9 13.3

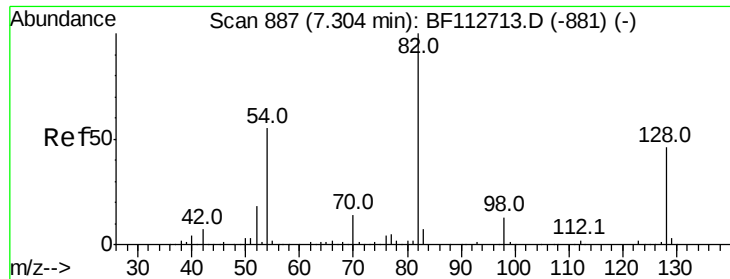
54 9.1 7.3 10.9

68 6.7 5.4 8.2



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

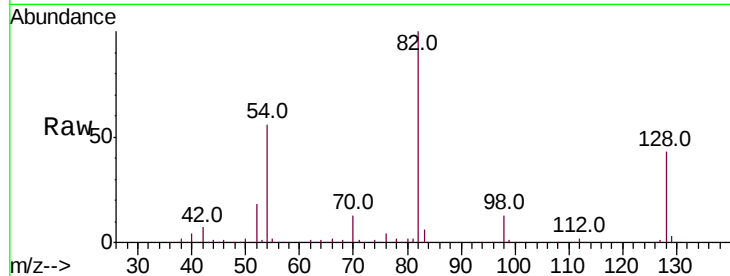




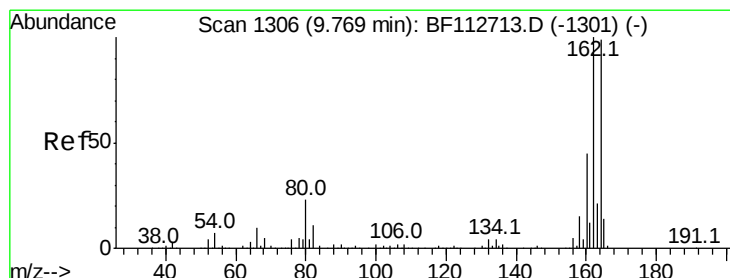
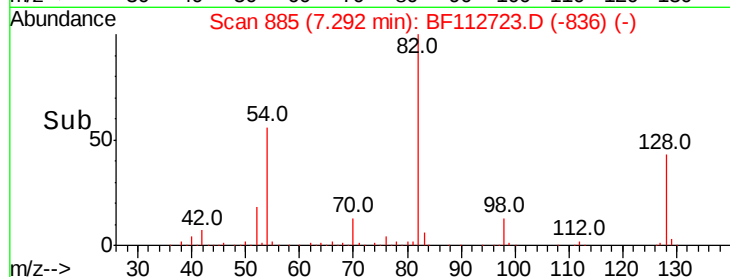
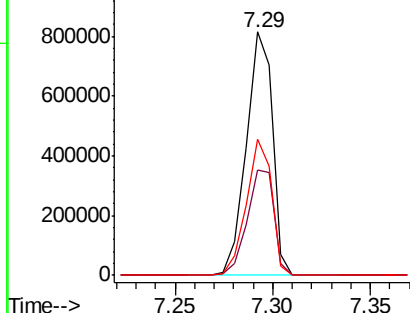
#23
Nitrobenzene-d5
Concen: 68.323 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tot Ion	82	Resp	754875
Ion Ratio	100	Lower	Upper
128	43.2	36.3	54.5
54	56.1	43.7	65.5

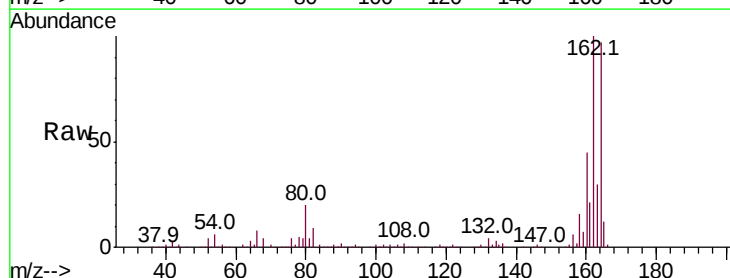


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

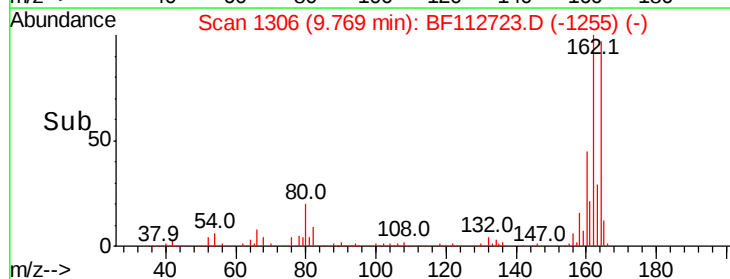
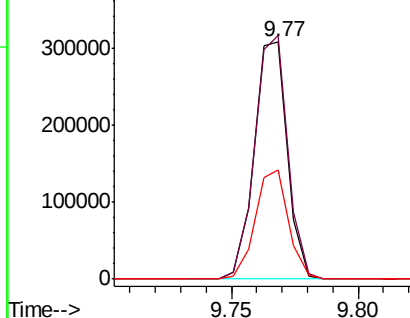


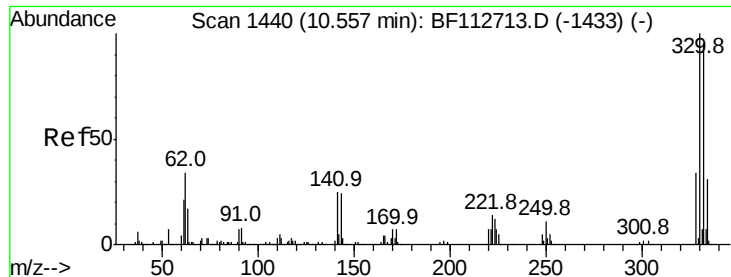
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion	164	Resp	279837
Ion Ratio	100	Lower	Upper
162	102.6	80.6	120.8
160	46.2	36.0	54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

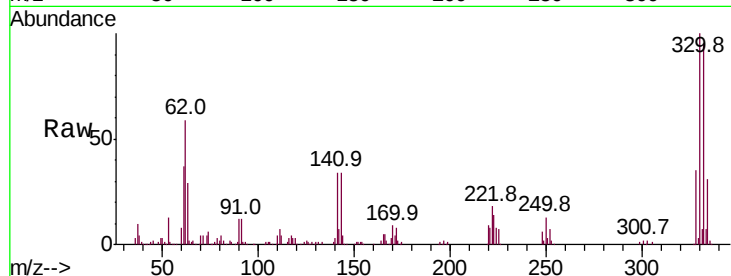




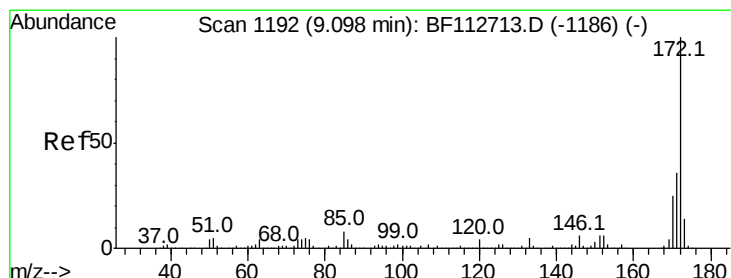
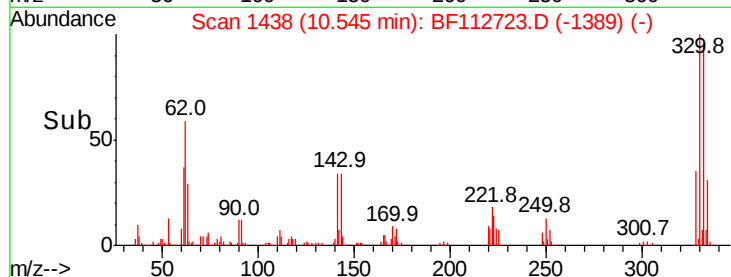
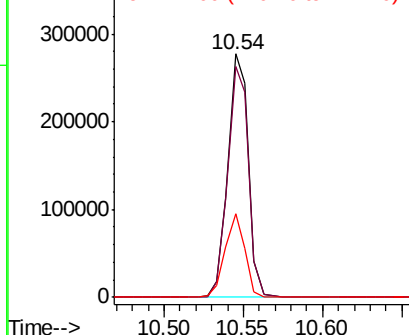
#42
 2,4,6-Tribromophenol
 Concen: 83.780 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112723.D
 Acq: 27 Feb 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 B-4(4-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	32.7	27.0	40.6

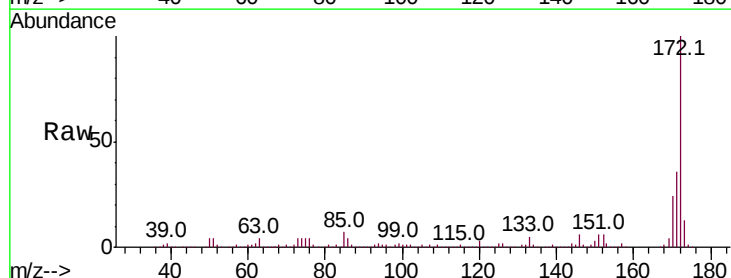


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

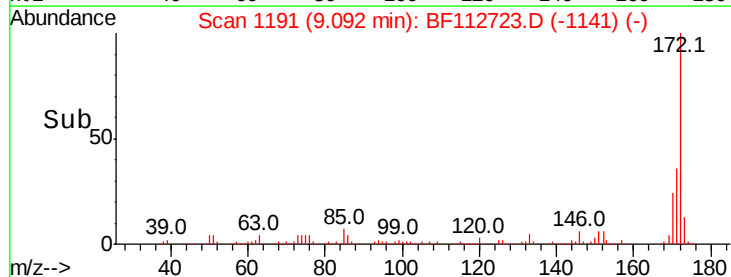
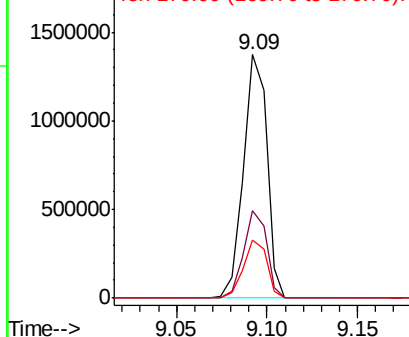


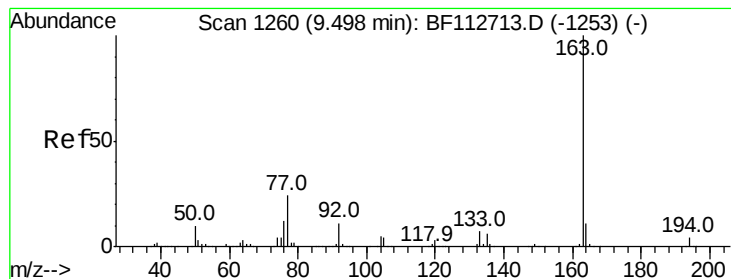
#45
 2-Fluorobiphenyl
 Concen: 73.913 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112723.D
 Acq: 27 Feb 2019 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.1	20.0	30.0



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: 5.876 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112723.D

Acq: 27 Feb 2019 17:07

Instrument :

BNA_F

ClientSampleId :

B-4(4-5)

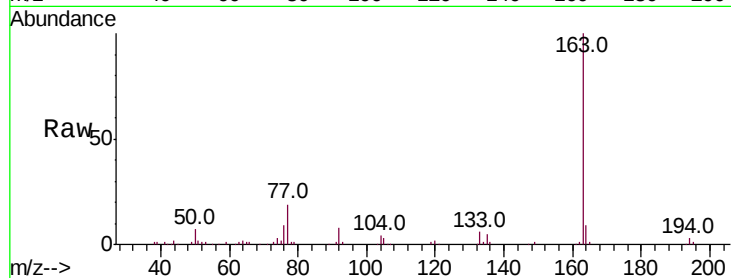
Tot Ion:163 Resp: 121247

Ion Ratio Lower Upper

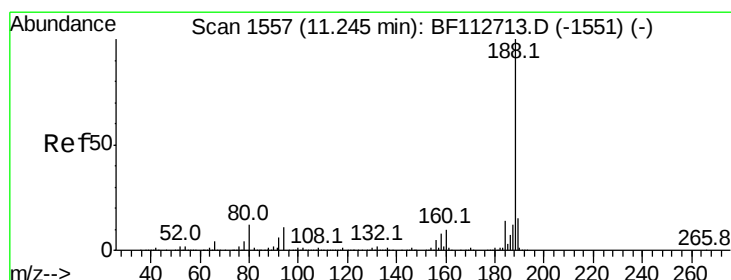
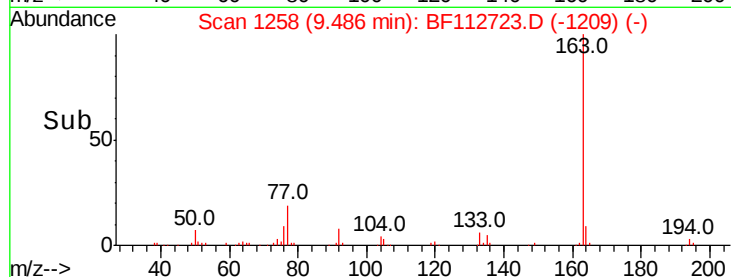
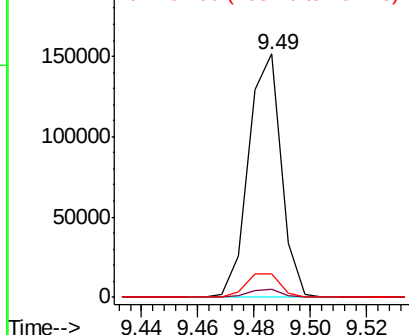
163 100

194 3.3 3.0 4.4

164 9.4 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112723.D

Acq: 27 Feb 2019 17:07

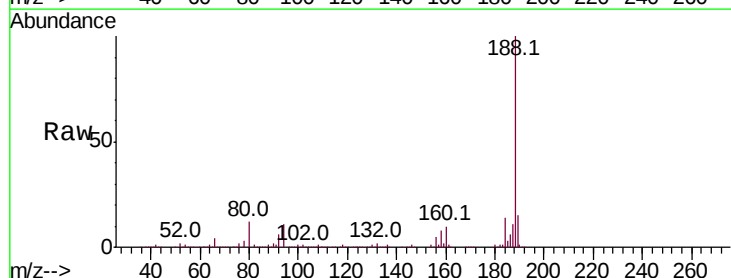
Tgt Ion:188 Resp: 467618

Ion Ratio Lower Upper

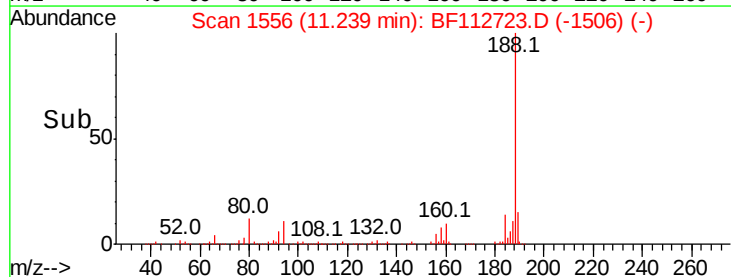
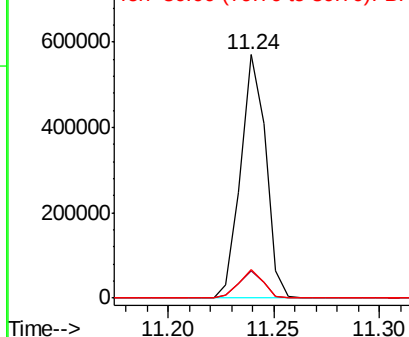
188 100

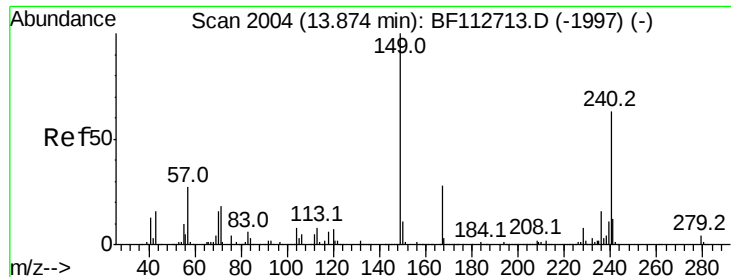
94 11.2 9.0 13.4

80 12.0 9.2 13.8



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

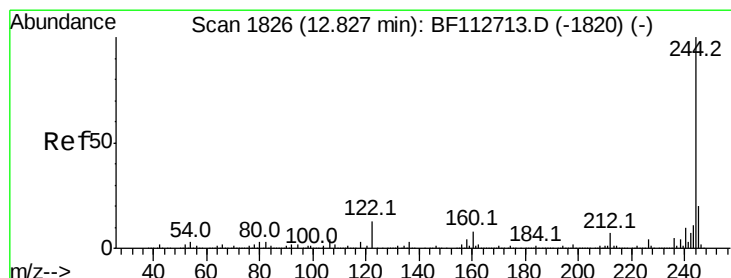
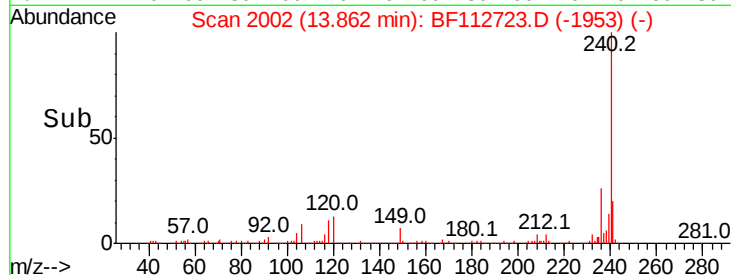
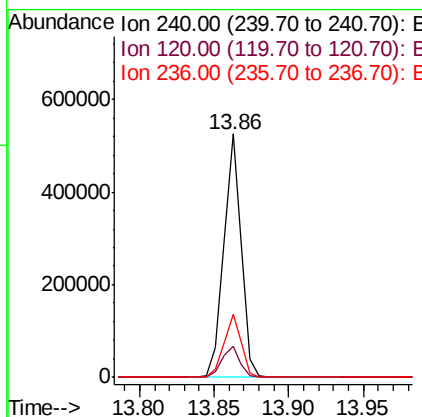
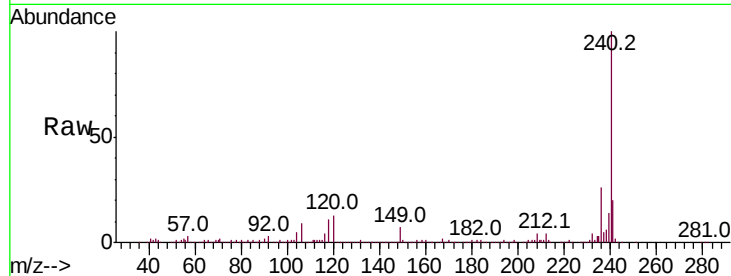




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112723.D
 Acq: 27 Feb 2019 17:07

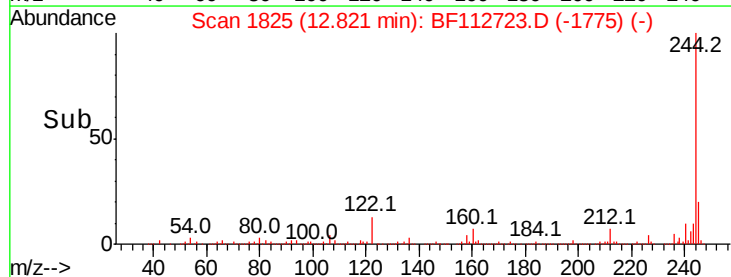
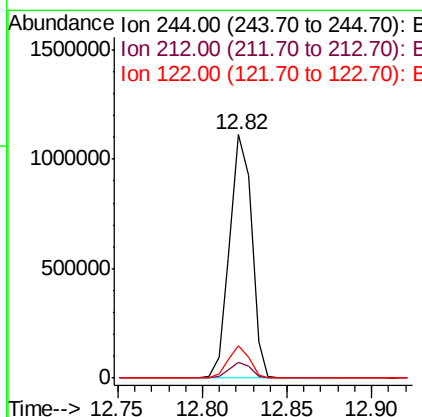
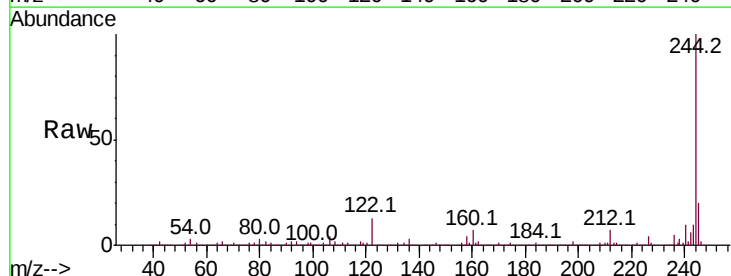
Instrument :
 BNA_F
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 B-4(4-5)

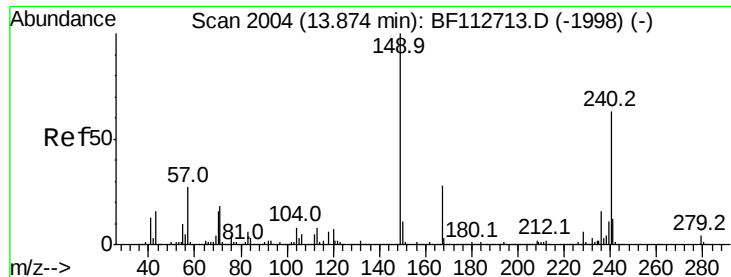
Tot Ion:240 Resp: 435235
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.9 13.3
 236 26.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 45.080 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112723.D
 Acq: 27 Feb 2019 17:07

Tgt Ion:244 Resp: 1012153
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 13.4 10.5 15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.362 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112723.D

Acq: 27 Feb 2019 17:07

Instrument :

BNA_F

ClientSampleId :

B-4(4-5)

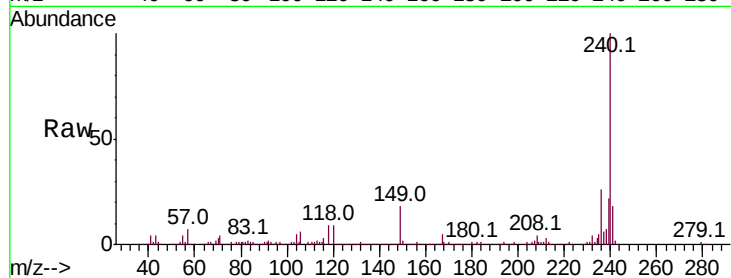
Tot Ion:149 Resp: 44876

Ion Ratio Lower Upper

149 100

167 26.8 22.4 33.6

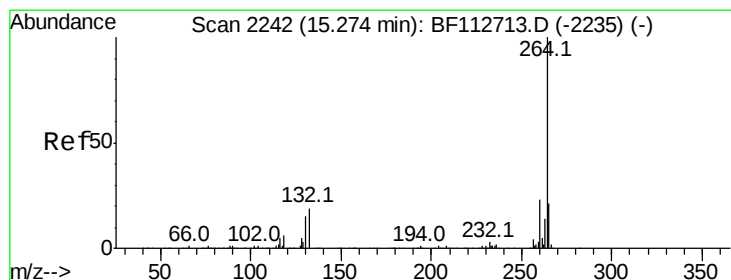
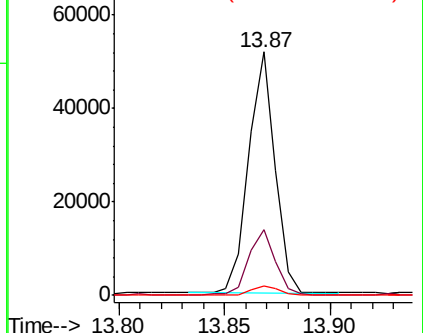
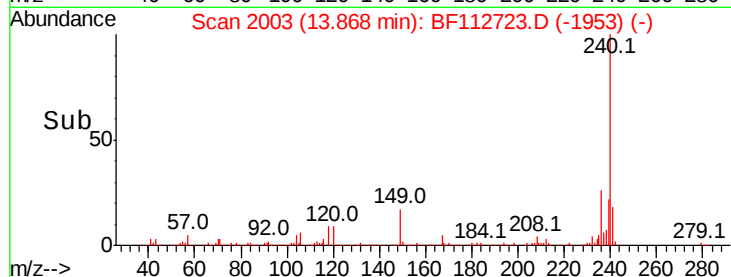
279 3.7 3.3 4.9



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112723.D

Acq: 27 Feb 2019 17:07

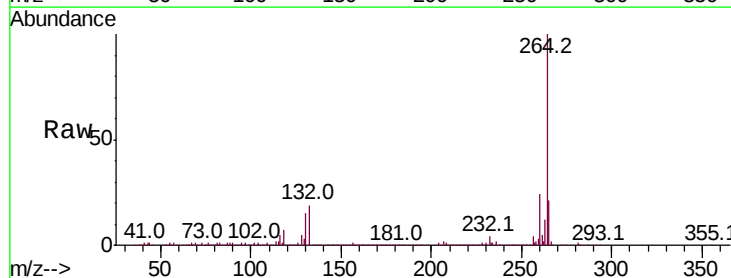
Tgt Ion:264 Resp: 493715

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.4 17.2 25.8



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

