

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112724.D
 Acq On : 27 Feb 2019 17:34
 Operator : JU/SJ
 Sample : K1627-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(2-5)

Quant Time: Feb 28 02:58:48 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

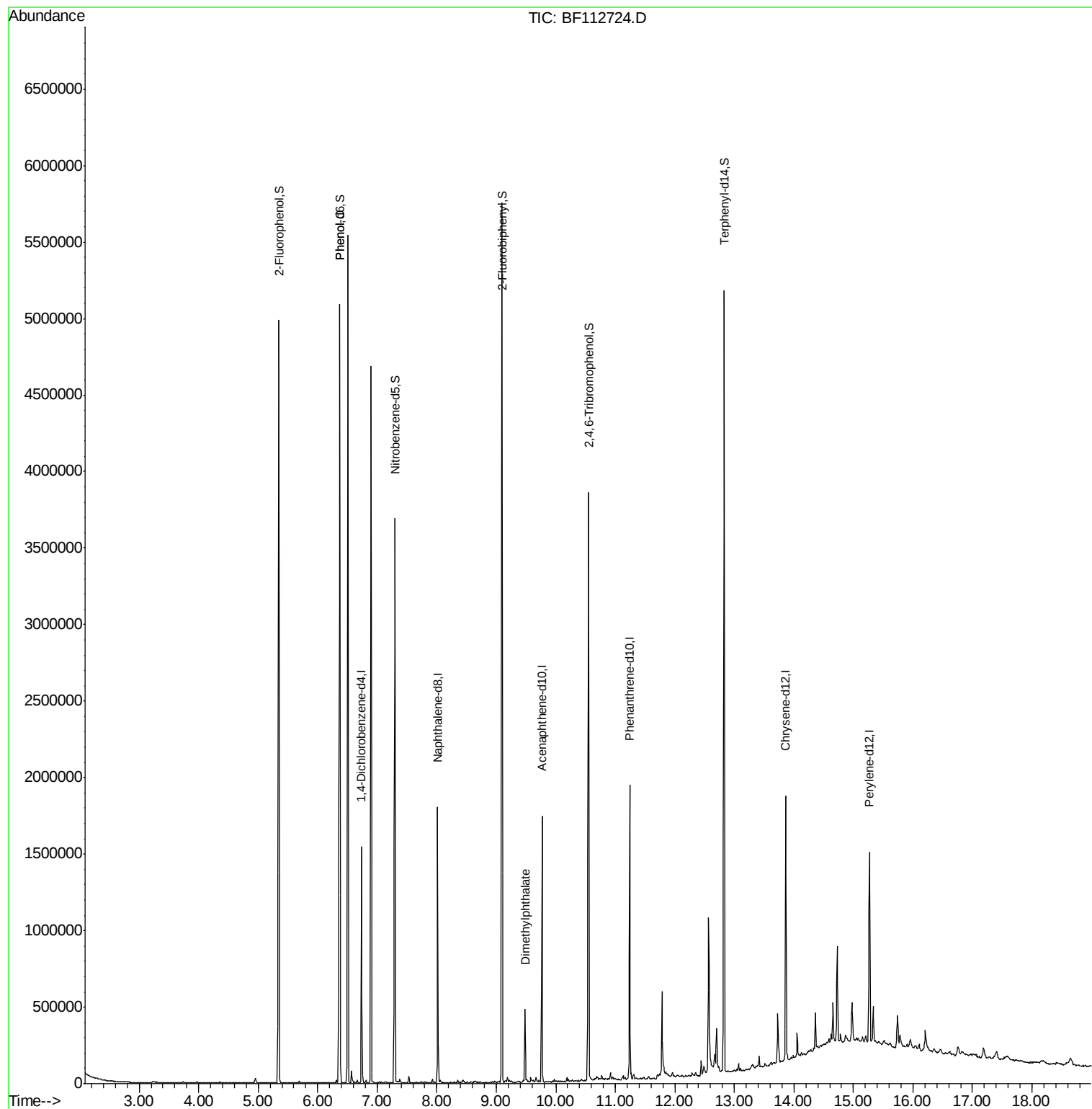
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	204688	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	769245	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	351756	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	665676	20.00	ng	0.00
76) Chrysene-d12	13.86	240	529323	20.00	ng	-0.01
87) Perylene-d12	15.27	264	527353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1534764	116.64	ng	0.00
7) Phenol-d6	6.37	99	1959882	118.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	1191288	92.67	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	482330	129.16	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1884628	93.22	ng	0.00
79) Terphenyl-d14	12.83	244	1774721	64.99	ng	0.00
Target Compounds						
10) Phenol	6.38	94	44954	2.331	ng	85
50) Dimethylphthalate	9.49	163	179974	6.939	ng	98

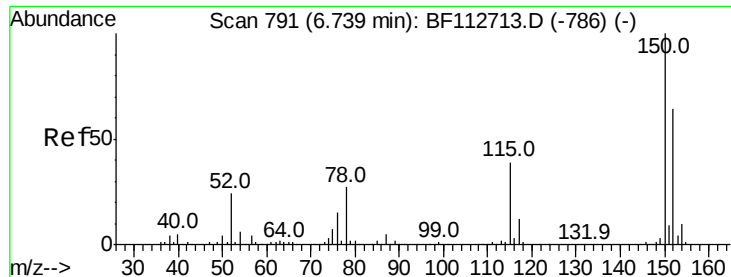
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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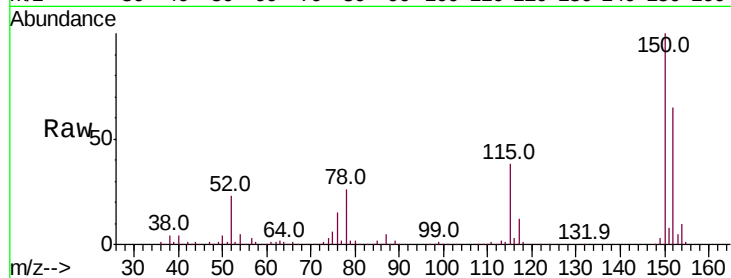


#1

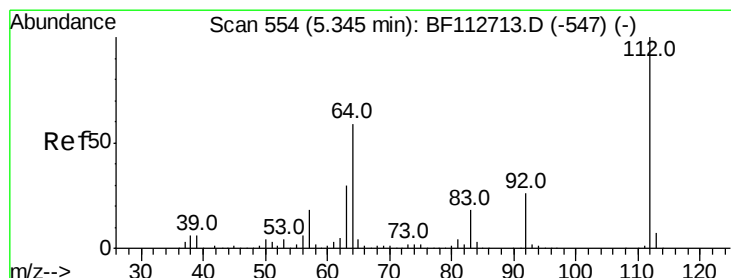
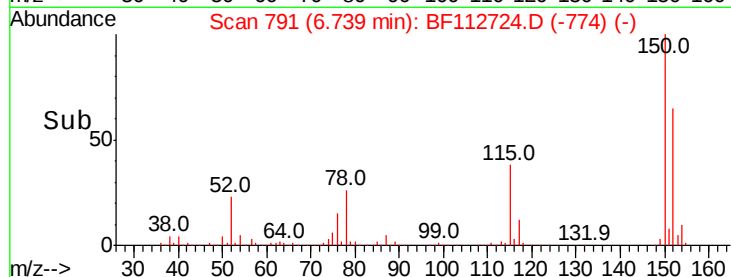
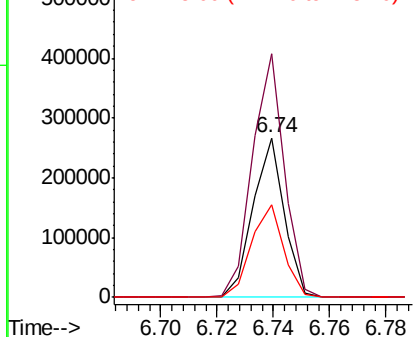
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112724.D
Acq: 27 Feb 2019 17:34

Instrument :
BNA_F
ClientSampled :
SB-04-(2-5)

Tot Ion:152 Resp: 204688
Ion Ratio Lower Upper
152 100
150 152.8 124.2 186.2
115 58.2 48.2 72.4



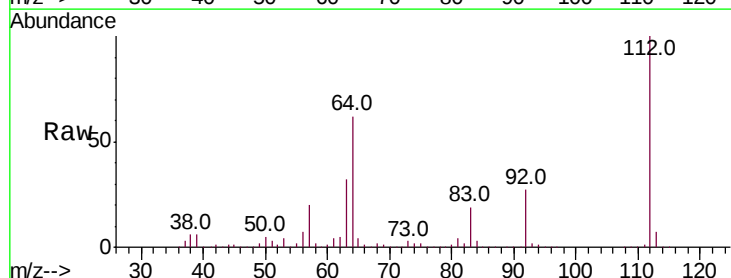
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



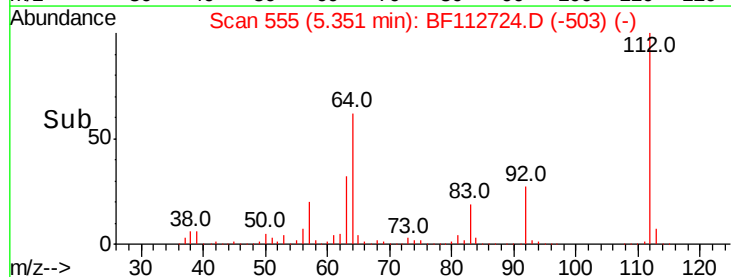
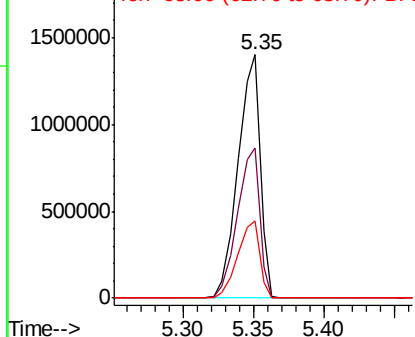
#5

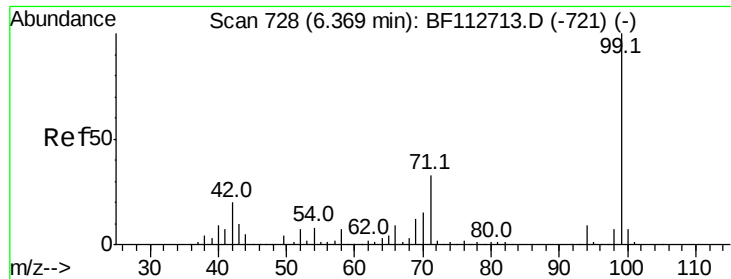
2-Fluorophenol
Concen: 116.636 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112724.D
Acq: 27 Feb 2019 17:34

Tgt Ion:112 Resp: 1534764
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 31.8 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: 118.570 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112724.D

Acq: 27 Feb 2019 17:34

Instrument :

BNA_F

ClientSampleId :

SB-04-(2-5)

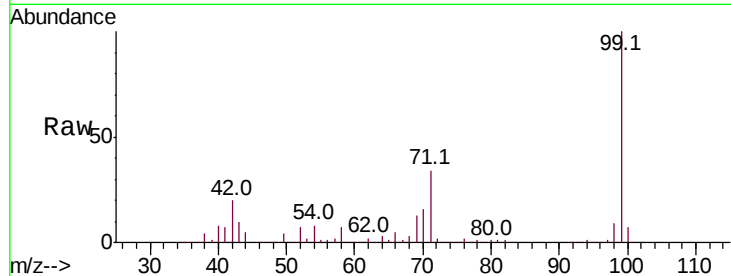
Tot Ion: 99 Resp: 1959882

Ion Ratio Lower Upper

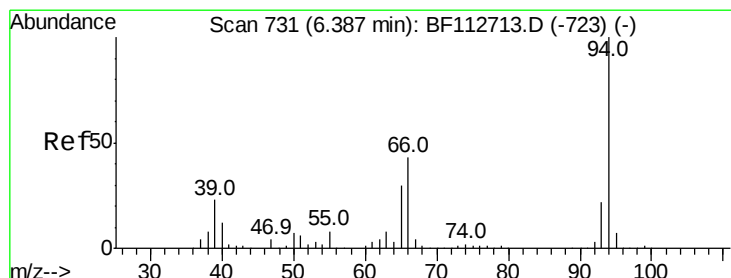
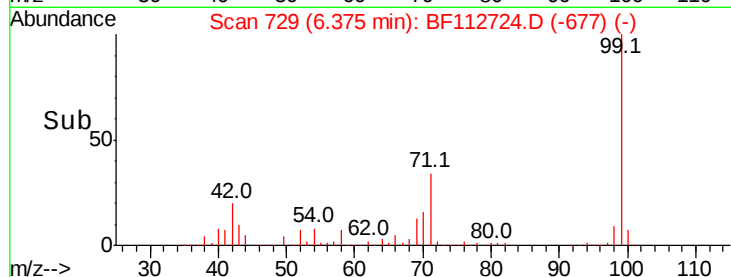
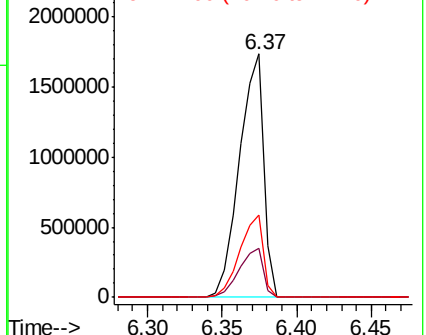
99 100

42 20.3 16.3 24.5

71 33.9 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



#10

Phenol

Concen: 2.331 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112724.D

Acq: 27 Feb 2019 17:34

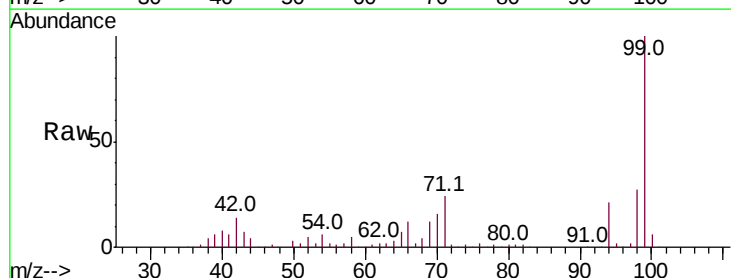
Tgt Ion: 94 Resp: 44954

Ion Ratio Lower Upper

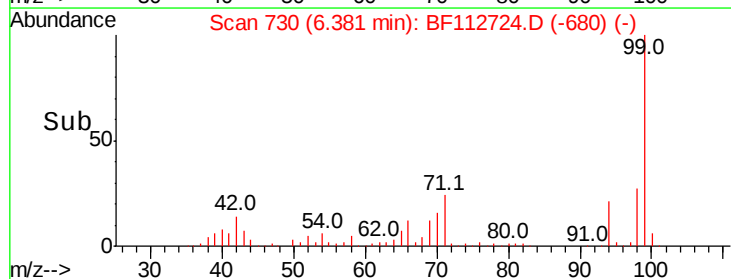
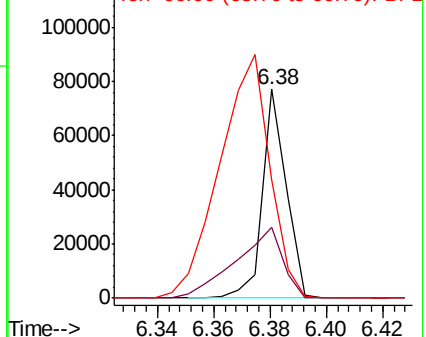
94 100

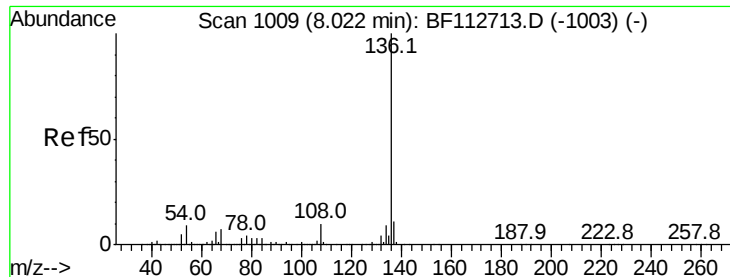
65 33.9 10.5 50.5

66 56.6 22.6 62.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112724.D

Acq: 27 Feb 2019 17:34

Instrument :

BNA_F

ClientSampleId :

SB-04-(2-5)

Tot Ion:136 Resp: 769245

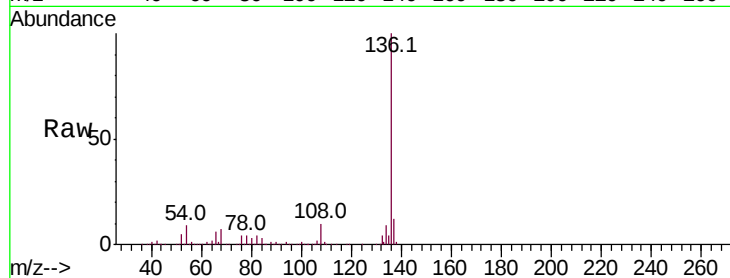
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.1 7.3 10.9

68 6.9 5.4 8.2

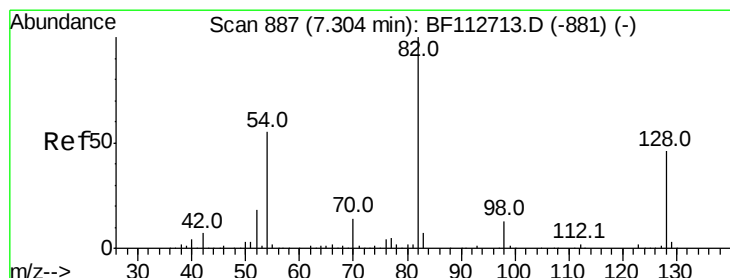
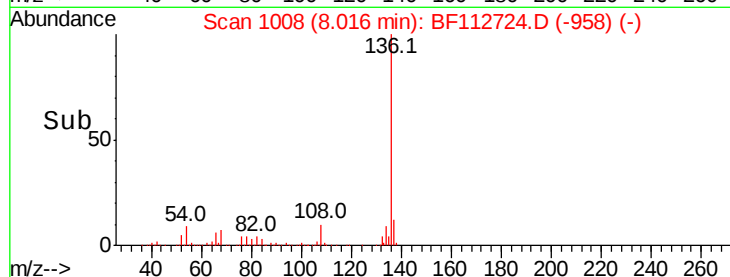
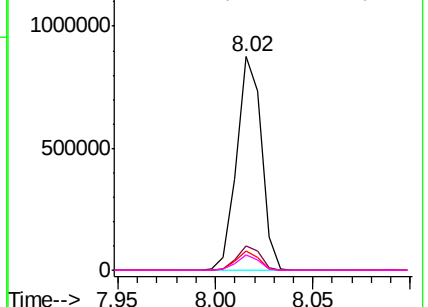


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.668 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112724.D

Acq: 27 Feb 2019 17:34

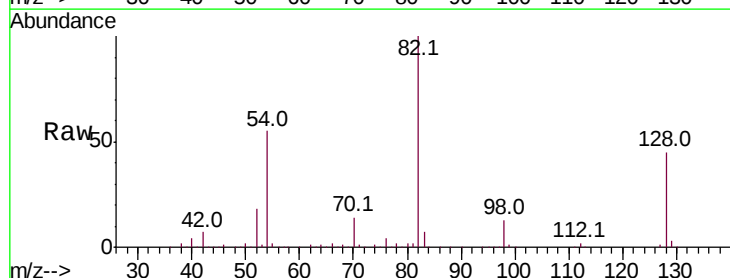
Tgt Ion: 82 Resp: 1191288

Ion Ratio Lower Upper

82 100

128 45.4 36.3 54.5

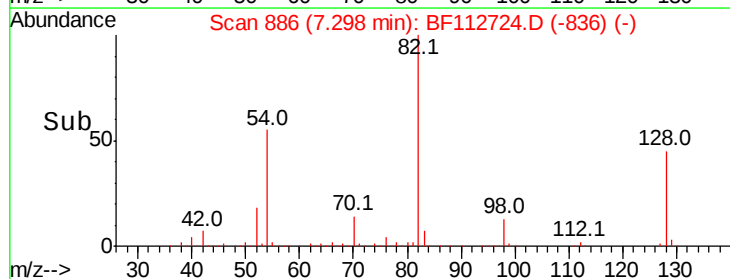
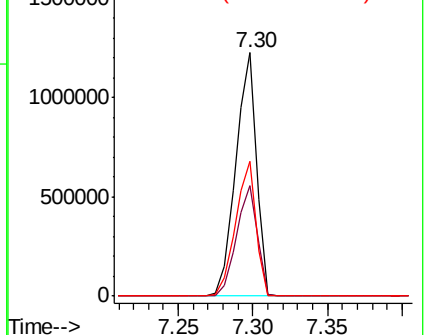
54 55.5 43.7 65.5

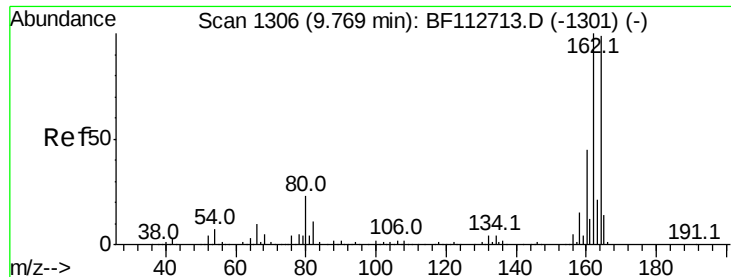


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

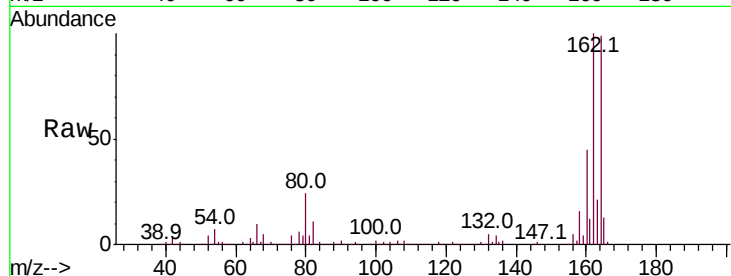




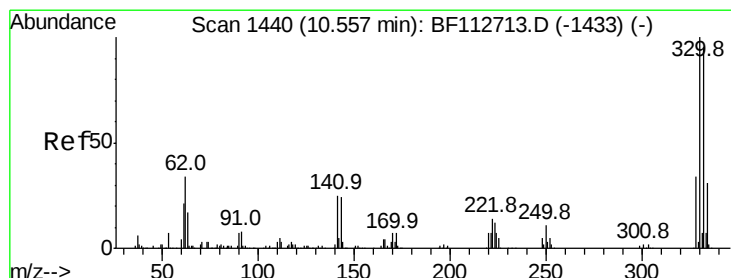
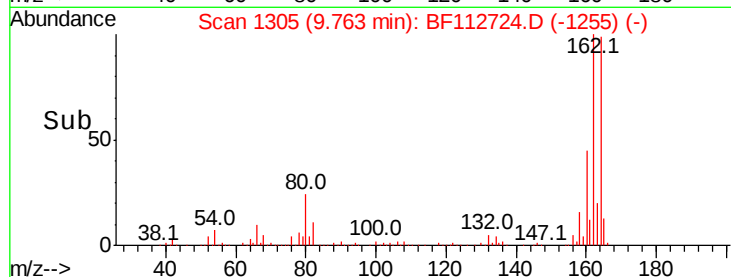
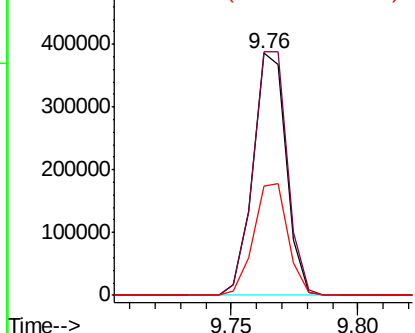
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112724.D
Acq: 27 Feb 2019 17:34

Instrument :
BNA_F
ClientSampleId :
SB-04-(2-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	45.1	36.0	54.0

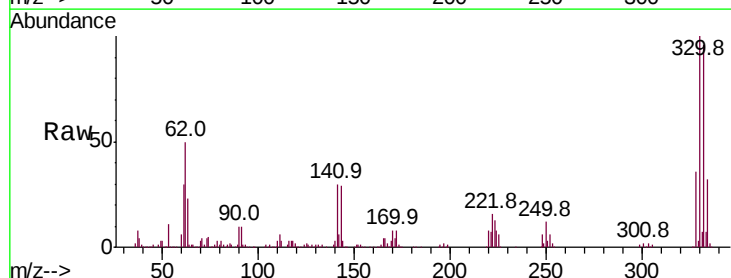


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

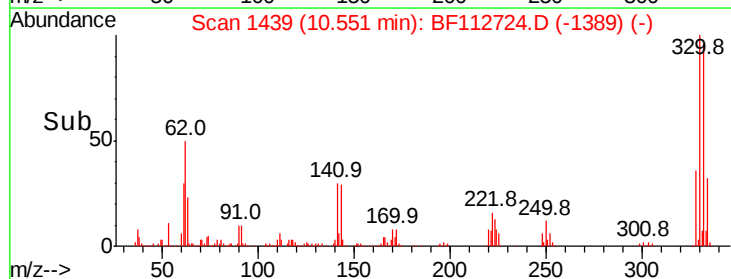
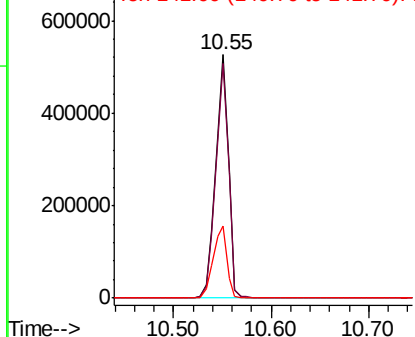


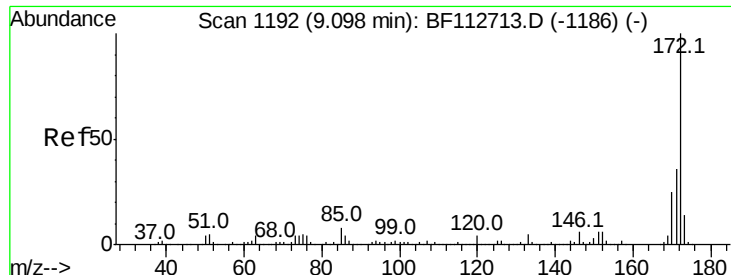
#42
2,4,6-Tribromophenol
Concen: 129.161 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112724.D
Acq: 27 Feb 2019 17:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	31.6	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



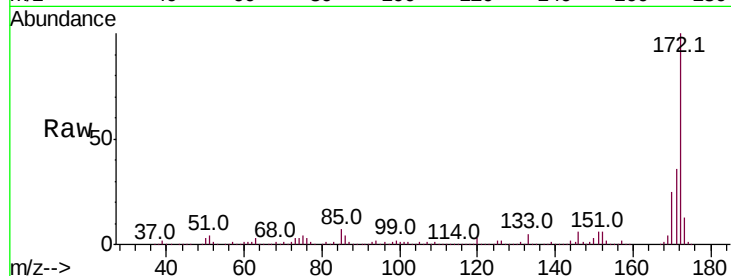


#45
 2-Fluorobiphenyl
 Concen: 93.222 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112724.D
 Acq: 27 Feb 2019 17:34

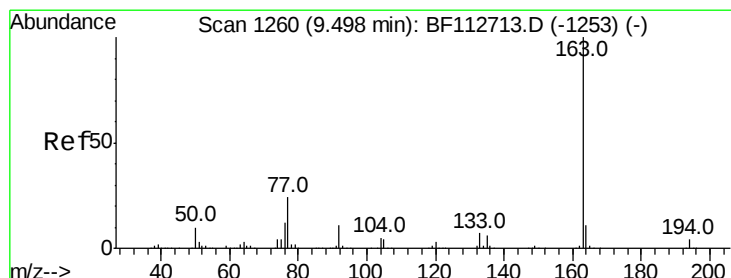
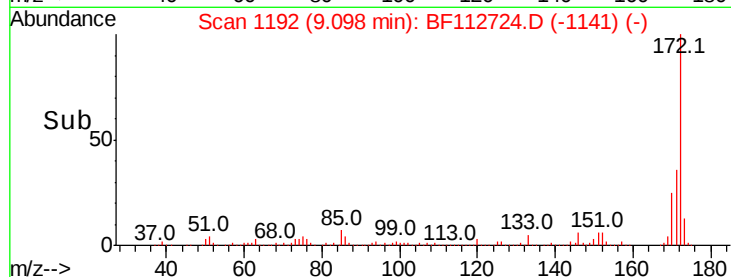
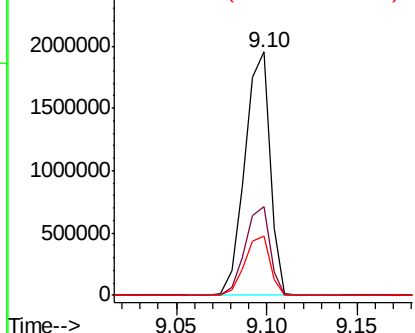
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(2-5)

Tot Ion:172 Resp: 1884628

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.6	20.0	30.0



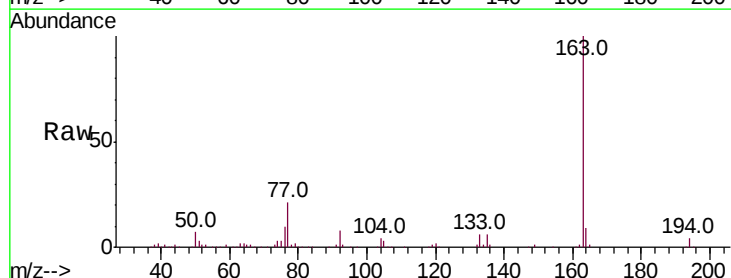
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



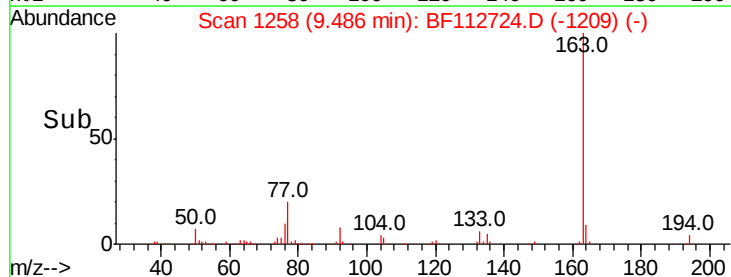
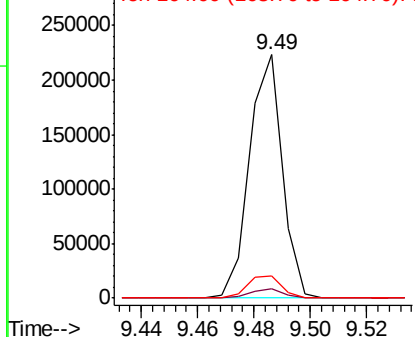
#50
 Dimethylphthalate
 Concen: 6.939 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF112724.D
 Acq: 27 Feb 2019 17:34

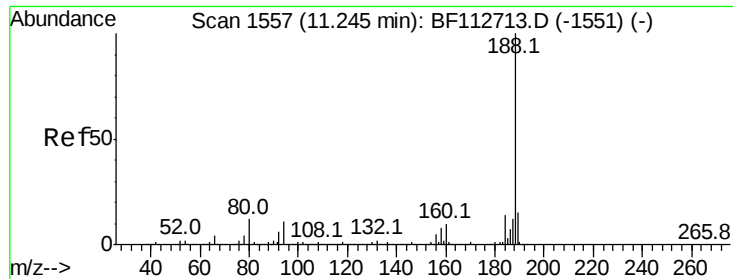
Tgt Ion:163 Resp: 179974

Ion	Ratio	Lower	Upper
163	100		
194	3.7	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: BF112724.D

Acq: 27 Feb 2019 17:34

Instrument :

BNA_F

ClientSampleId :

SB-04-(2-5)

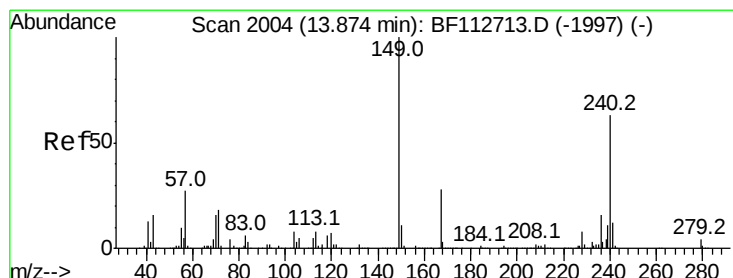
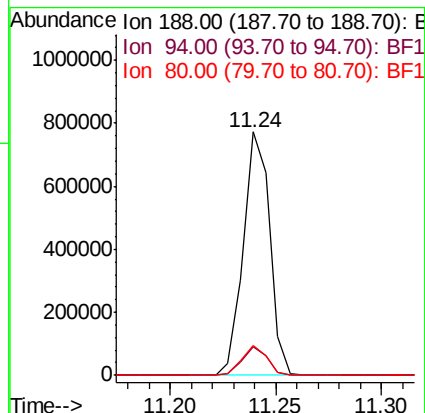
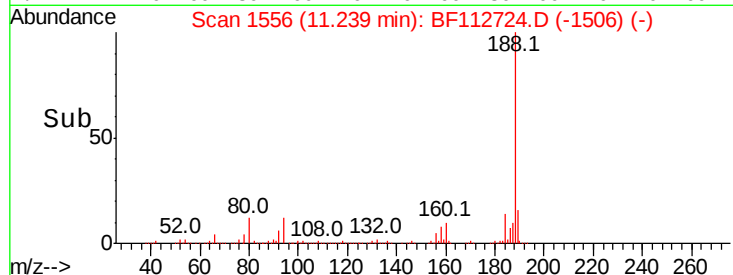
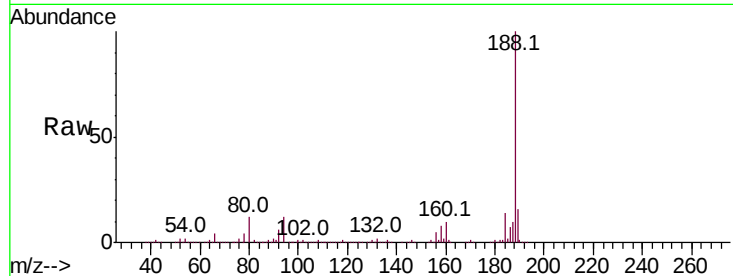
Tot Ion:188 Resp: 665676

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

80 12.1 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112724.D

Acq: 27 Feb 2019 17:34

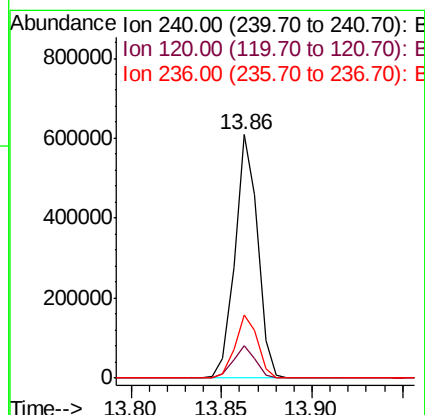
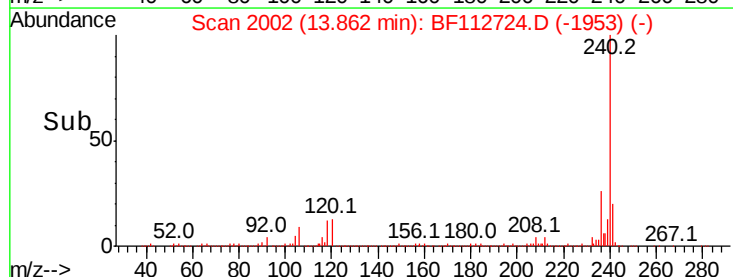
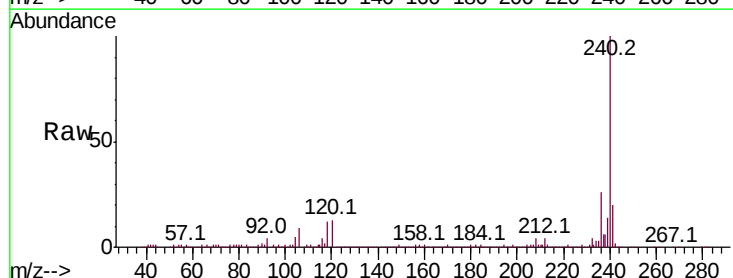
Tgt Ion:240 Resp: 529323

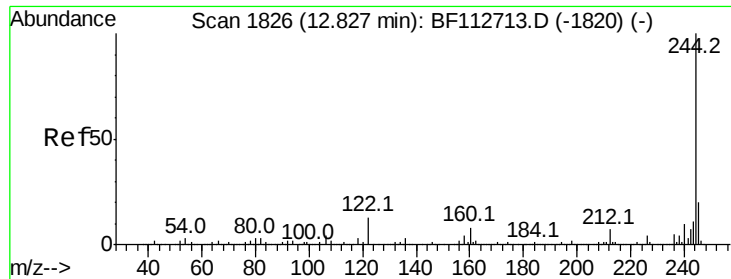
Ion Ratio Lower Upper

240 100

120 13.5 8.9 13.3#

236 25.9 20.7 31.1

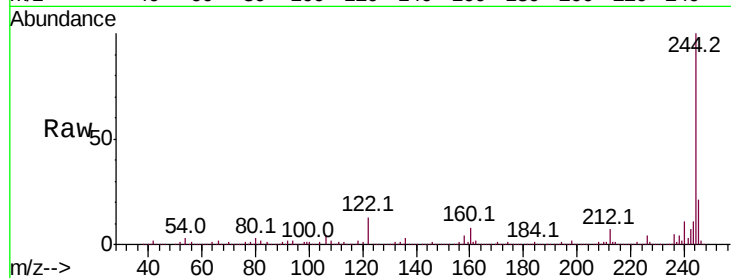




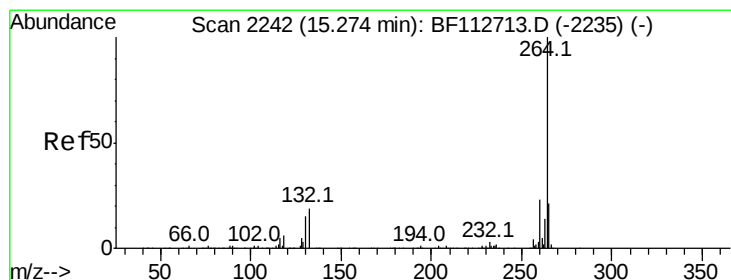
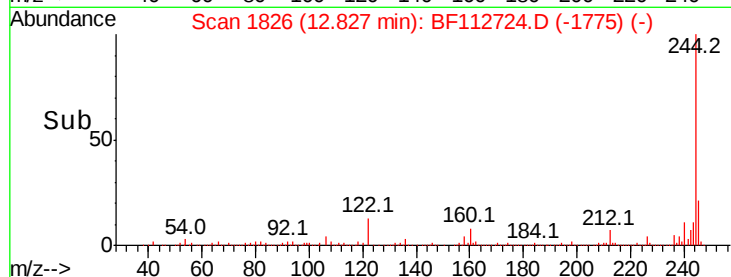
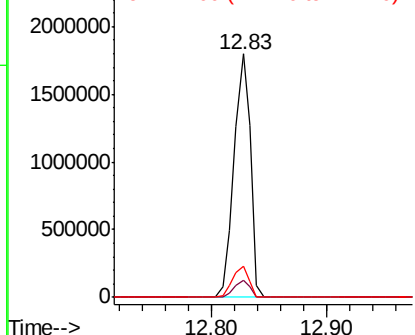
#79
 Terphenyl-d14
 Concen: 64.994 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112724.D
 Acq: 27 Feb 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(2-5)

Tot Ion:244 Resp: 1774721
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.9 10.5 15.7

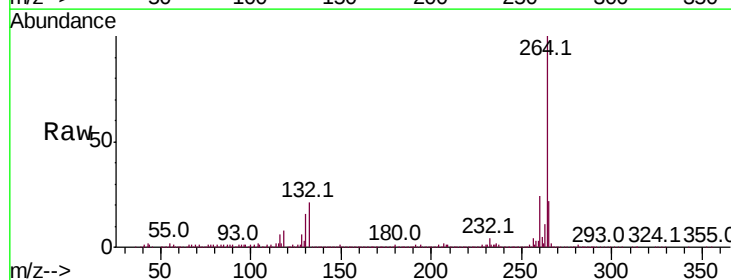


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112724.D
 Acq: 27 Feb 2019 17:34

Tgt Ion:264 Resp: 527353
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.5 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

