

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112725.D
 Acq On : 27 Feb 2019 18:03
 Operator : JU/SJ
 Sample : K1627-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

Quant Time: Feb 28 03:00:43 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

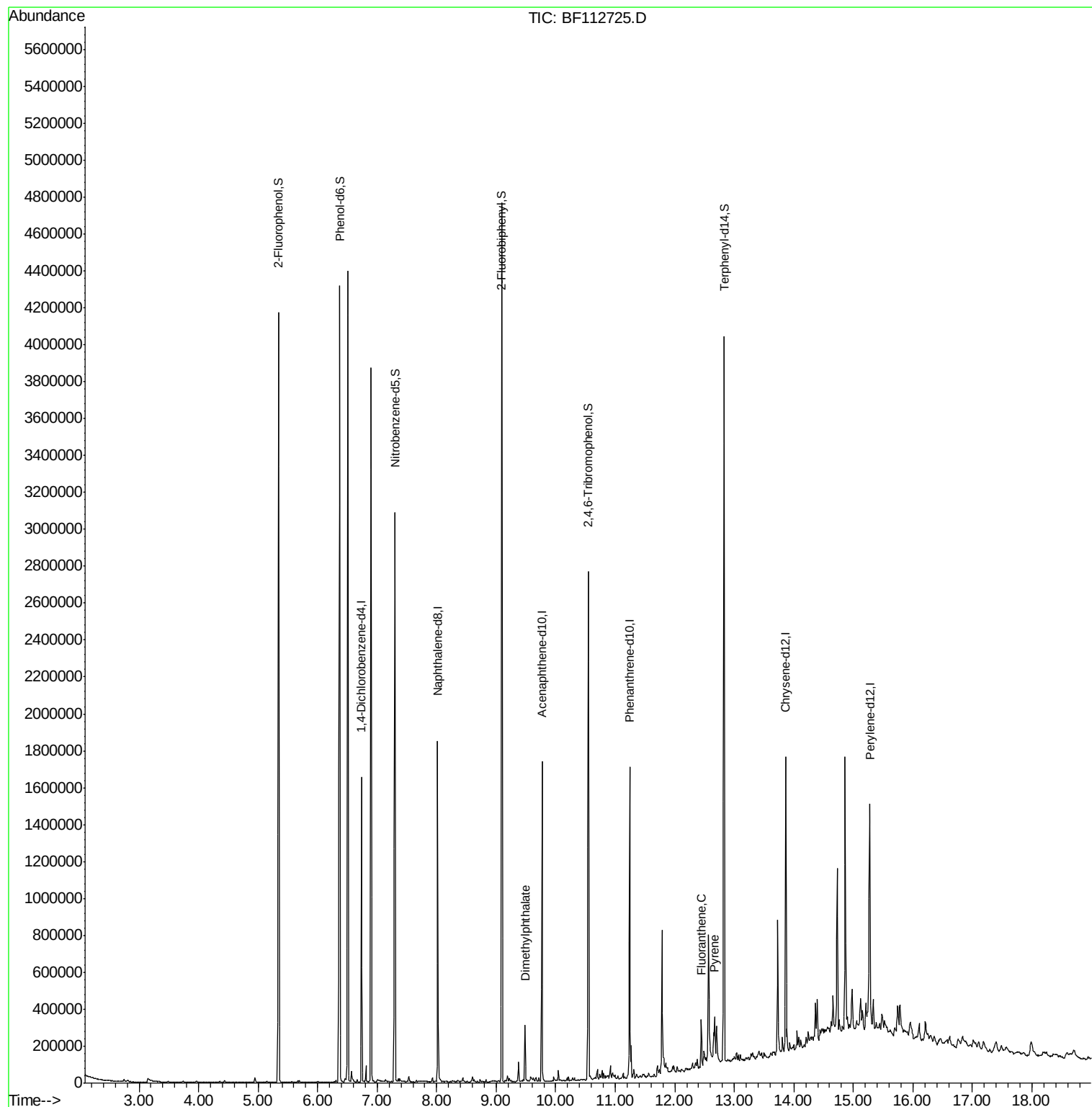
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	211767	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	786226	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	339691	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	579158	20.00	ng	0.00
76) Chrysene-d12	13.86	240	519419	20.00	ng	-0.01
87) Perylene-d12	15.27	264	545242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1248979	91.74	ng	0.00
7) Phenol-d6	6.37	99	1580561	92.42	ng	0.00
23) Nitrobenzene-d5	7.30	82	921907	70.16	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	322643	89.47	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1518451	75.19	ng	0.00
79) Terphenyl-d14	12.83	244	1307765	48.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	117156	4.677	ng	98
75) Fluoranthene	12.45	202	91984	2.979	ng	98
78) Pyrene	12.67	202	90241	2.061	ng	97

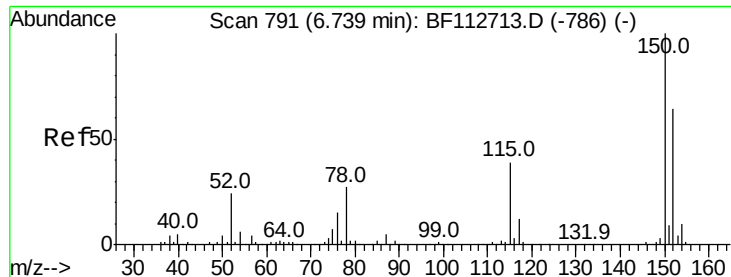
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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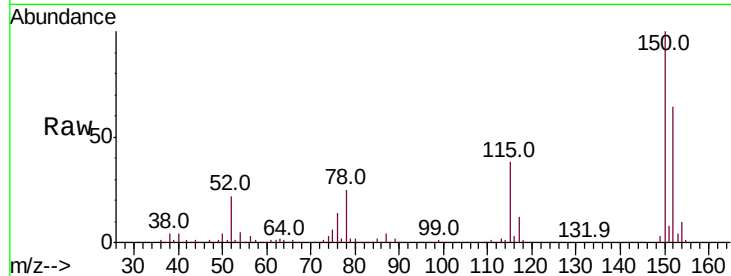


#1

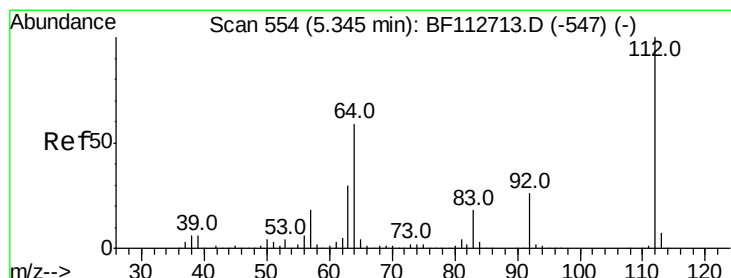
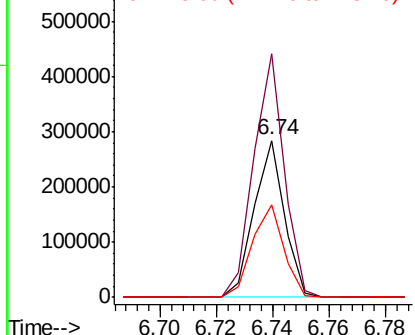
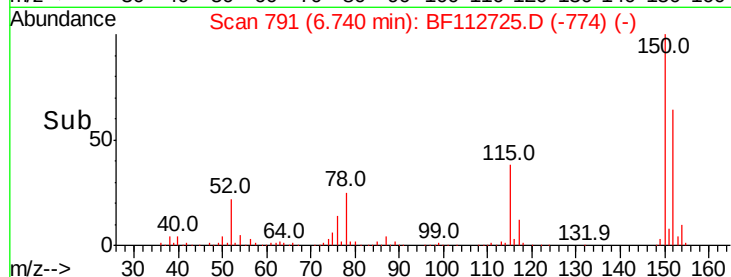
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion:152 Resp: 211767
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 59.3 48.2 72.4



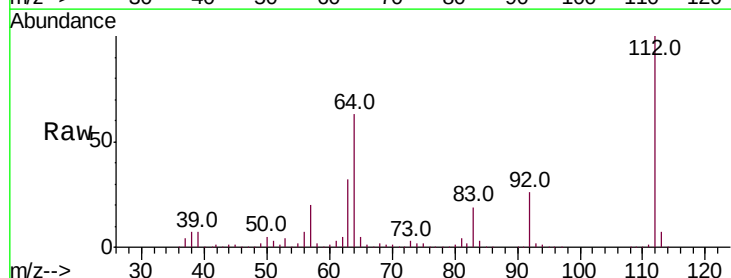
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



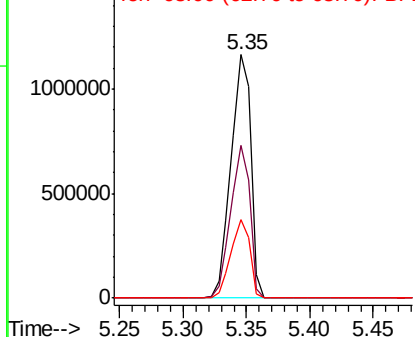
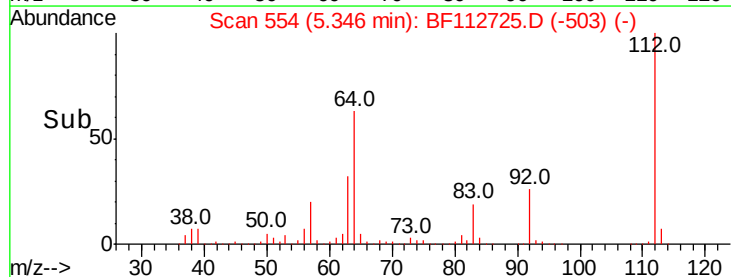
#5

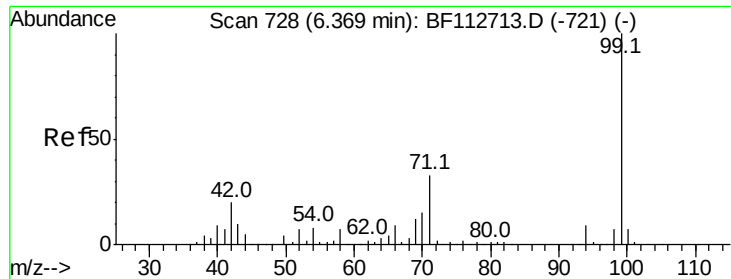
2-Fluorophenol
Concen: 91.744 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:112 Resp: 1248979
Ion Ratio Lower Upper
112 100
64 62.7 47.6 71.4
63 32.4 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: 92.425 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

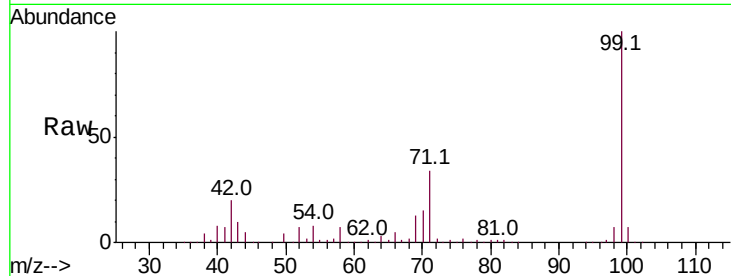
Tot Ion: 99 Resp: 1580561

Ion Ratio Lower Upper

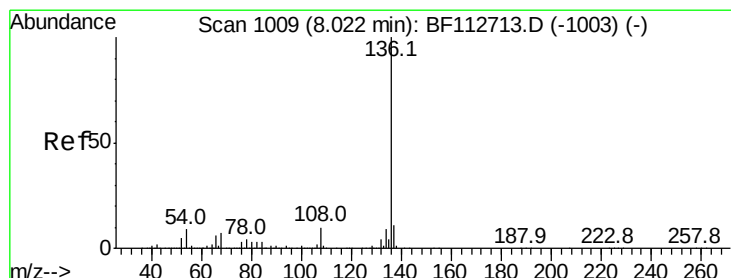
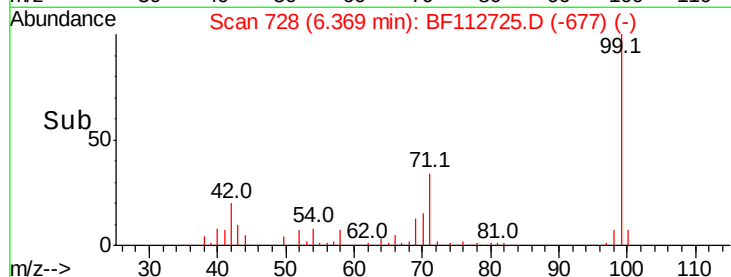
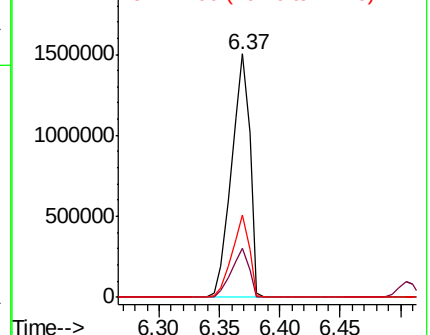
99 100

42 20.4 16.3 24.5

71 33.6 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: BF112725.D

Acq: 27 Feb 2019 18:03

Tgt Ion: 136 Resp: 786226

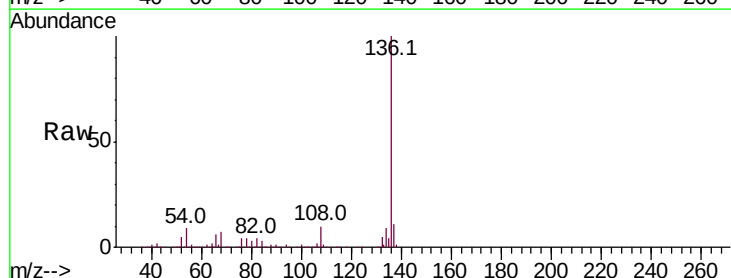
Ion Ratio Lower Upper

136 100

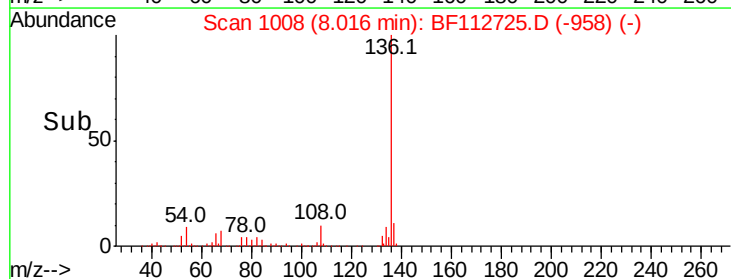
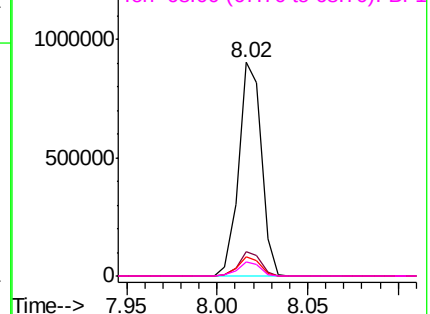
137 11.2 8.9 13.3

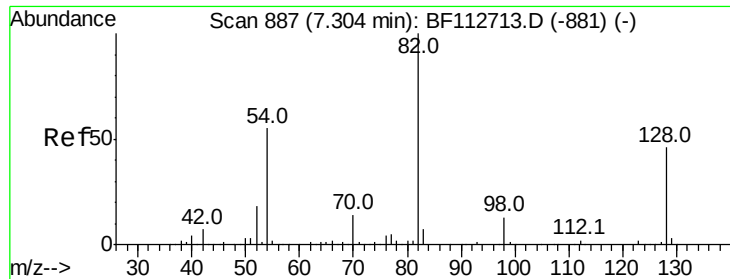
54 9.2 7.3 10.9

68 6.8 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

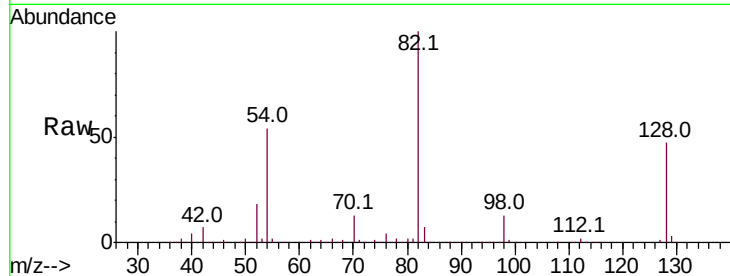




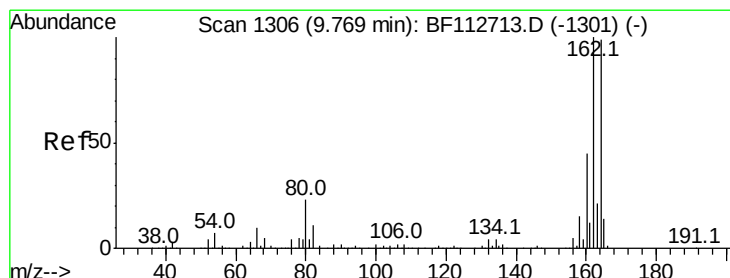
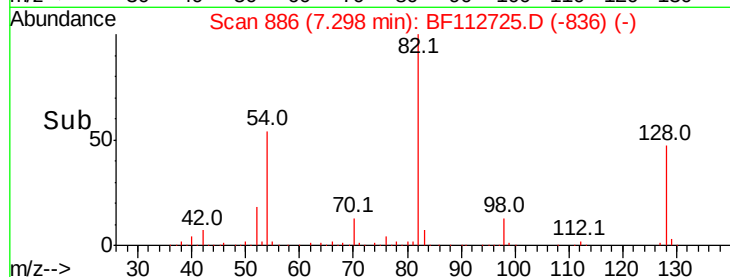
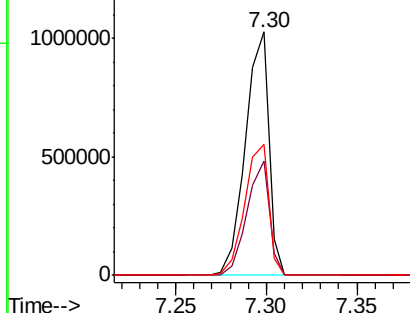
#23
 Nitrobenzene-d5
 Concen: 70.164 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	53.9	43.7	65.5

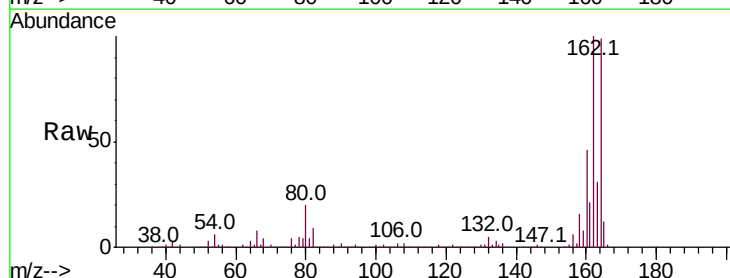


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

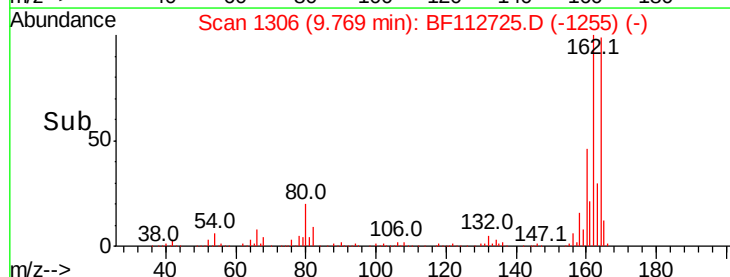
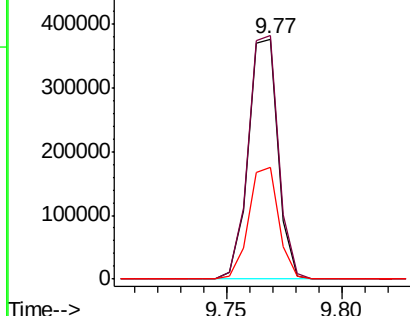


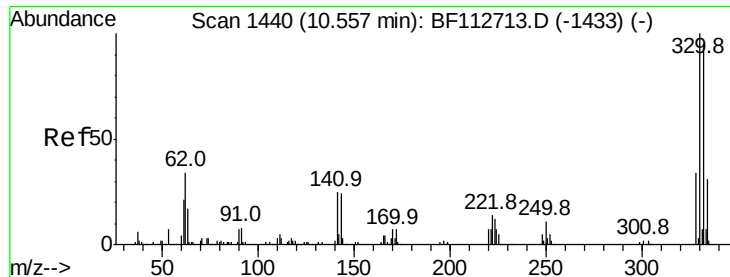
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.8	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

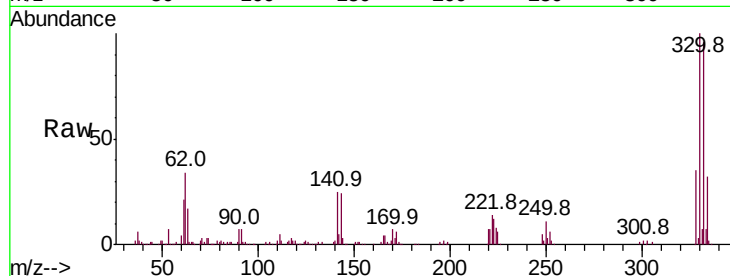




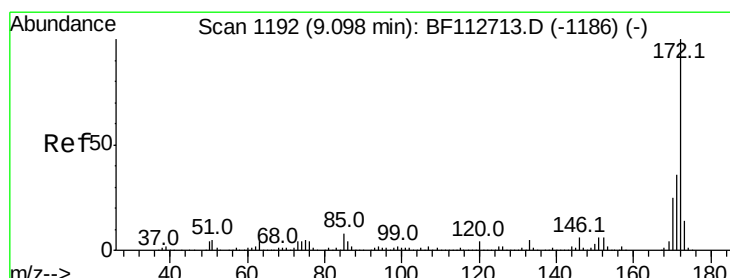
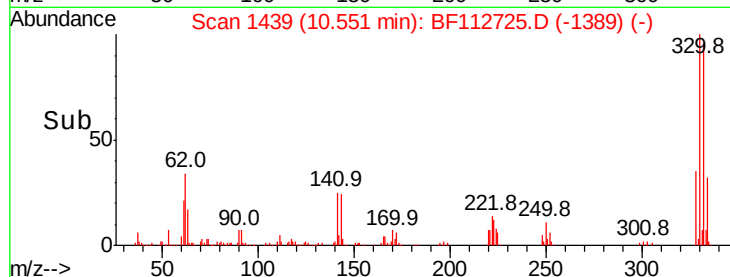
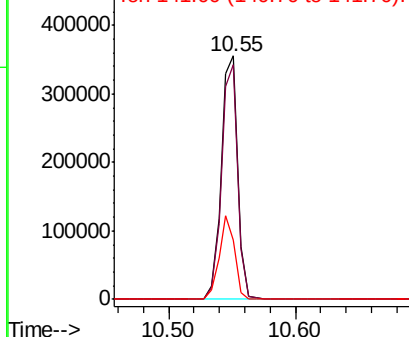
#42
 2,4,6-Tribromophenol
 Concen: 89.468 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	32.7	27.0	40.6

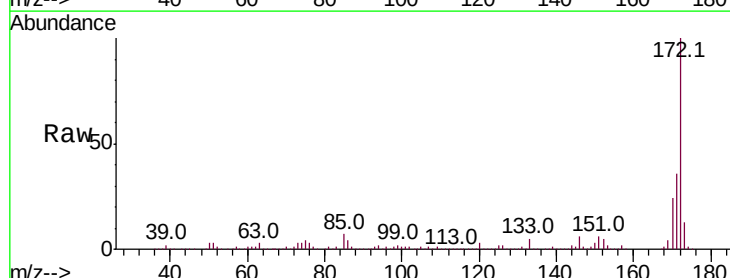


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

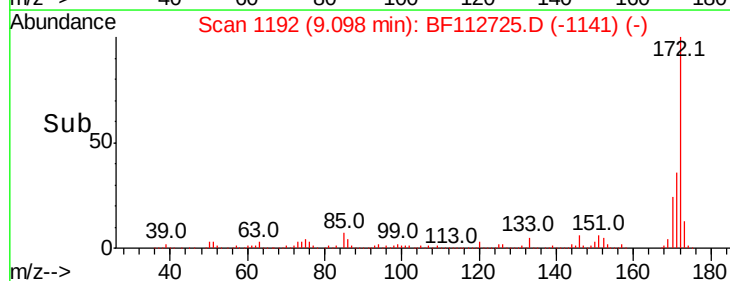
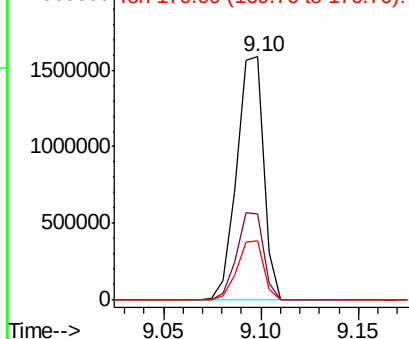


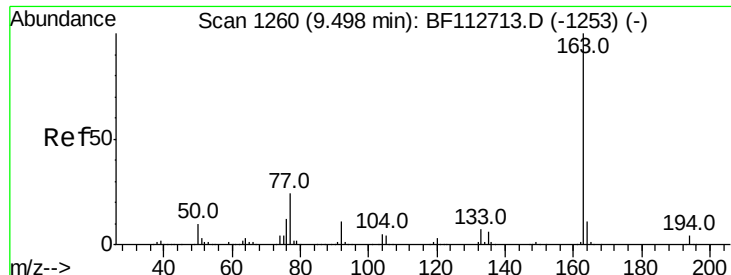
#45
 2-Fluorobiphenyl
 Concen: 75.191 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112725.D
 Acq: 27 Feb 2019 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.3	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

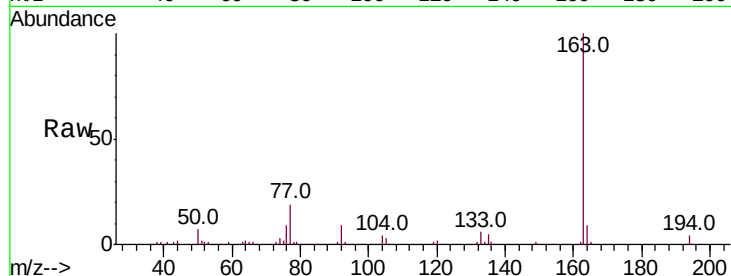




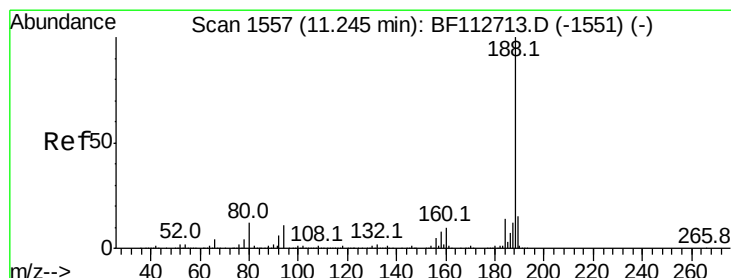
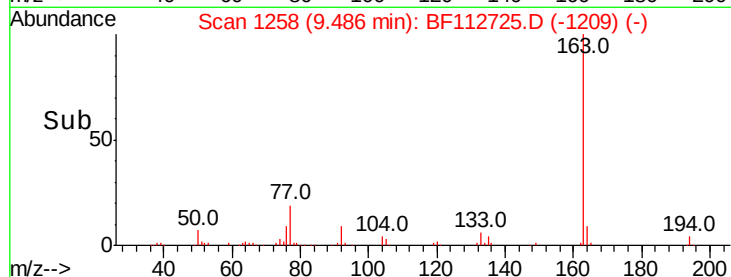
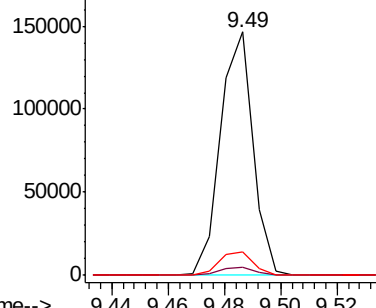
#50
Dimethylphthalate
Concen: 4.677 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.5	8.4	12.6

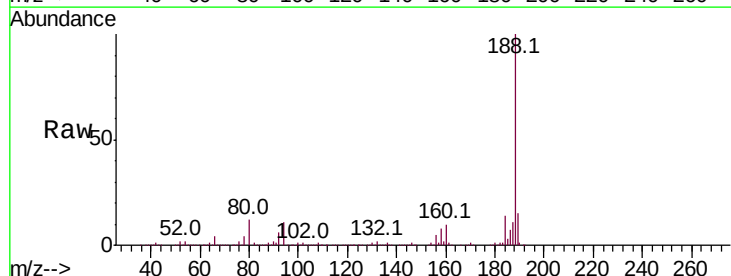


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

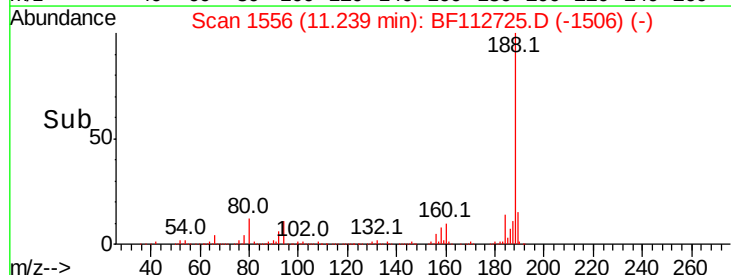
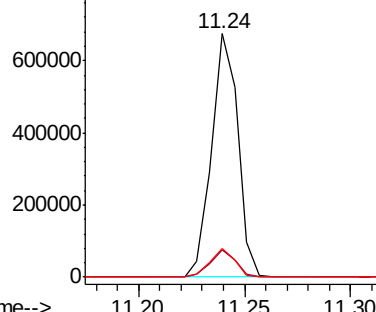


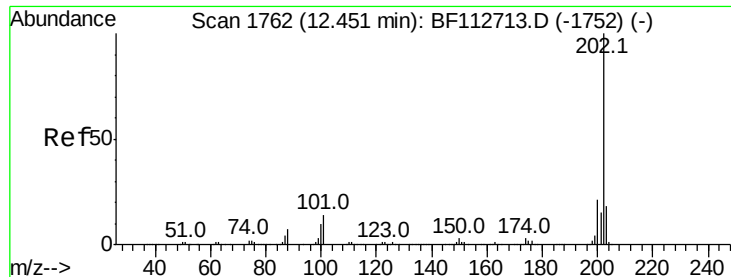
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	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





#75

Fluoranthene

Concen: 2.979 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-02-(2-5)

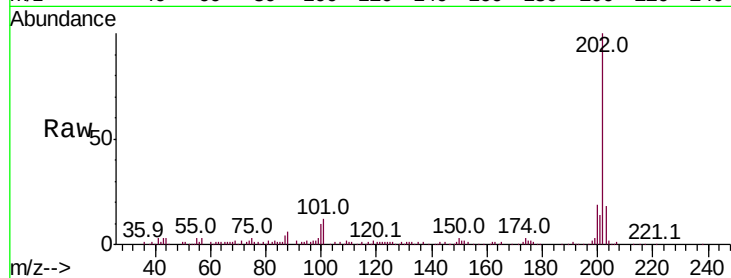
Tot Ion:202 Resp: 91984

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.8

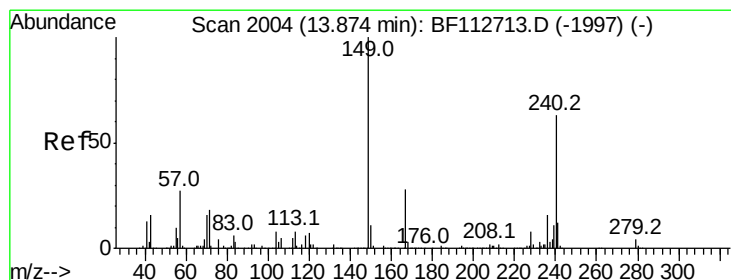
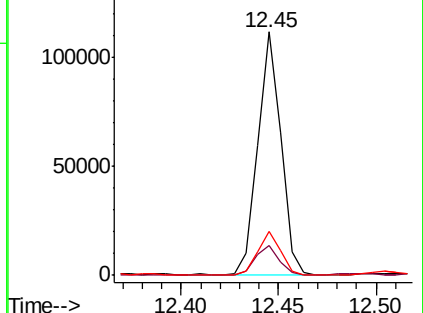
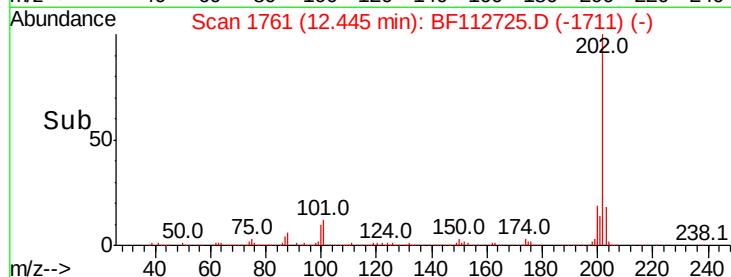
203 18.0 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

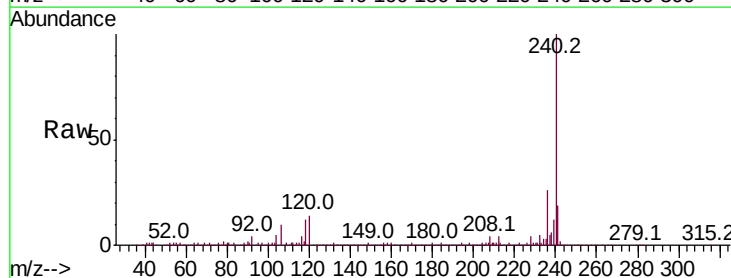
Tgt Ion:240 Resp: 519419

Ion Ratio Lower Upper

240 100

120 13.9 8.9 13.3#

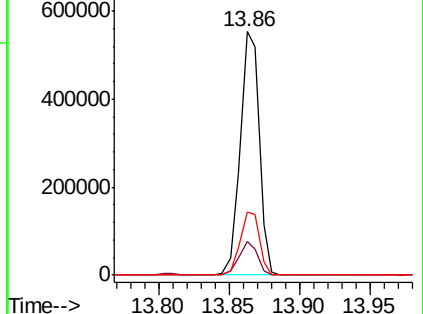
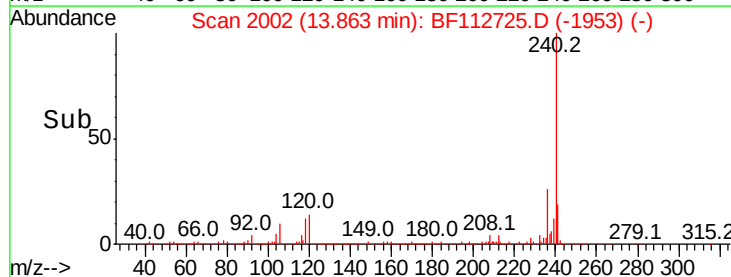
236 25.8 20.7 31.1

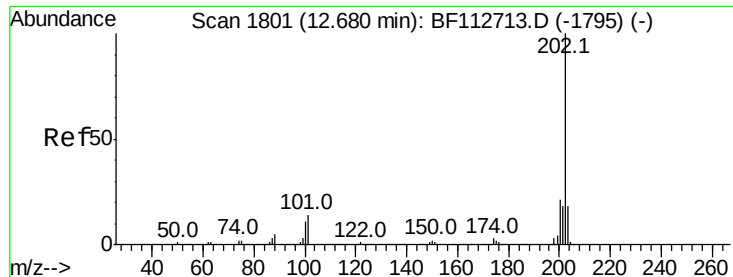


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.061 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

Instrument :

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SB-02-(2-5)

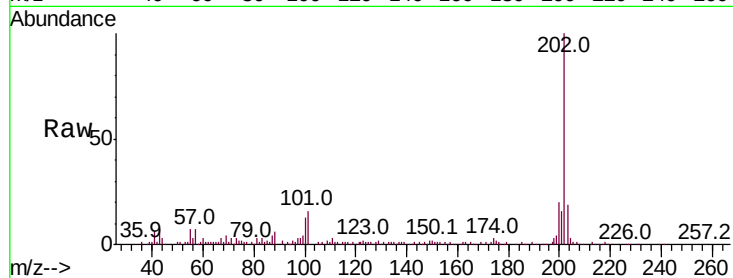
Tot Ion:202 Resp: 90241

Ion Ratio Lower Upper

202 100

200 19.7 17.0 25.4

203 19.4 14.4 21.6

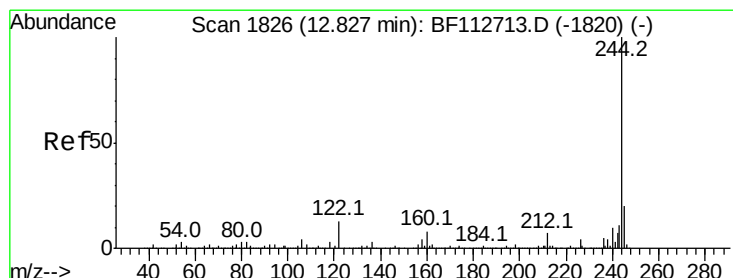
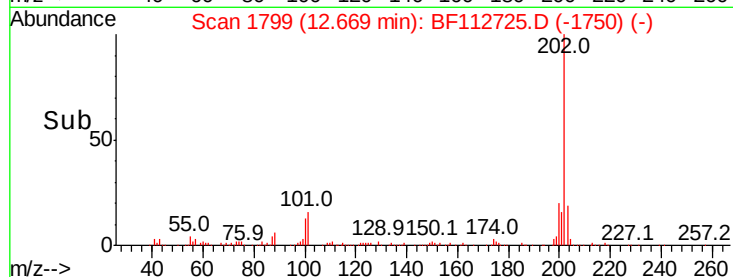
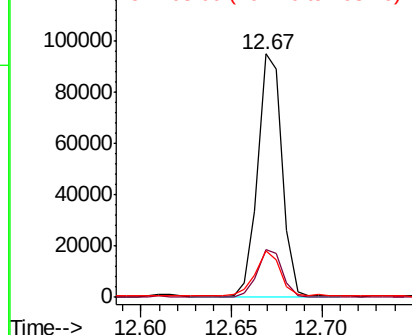


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 48.806 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112725.D

Acq: 27 Feb 2019 18:03

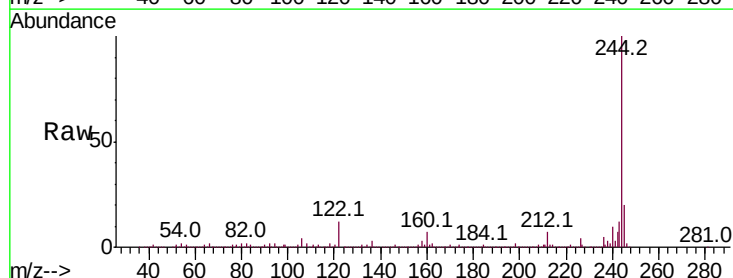
Tgt Ion:244 Resp: 1307765

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.8 10.5 15.7

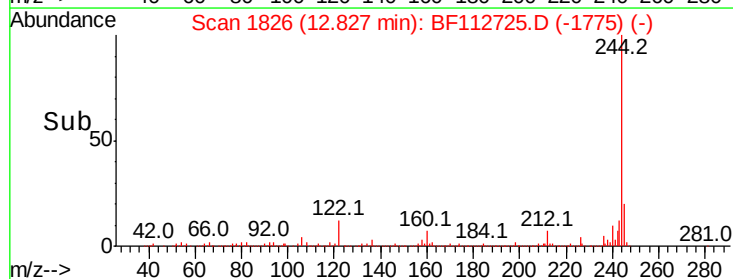
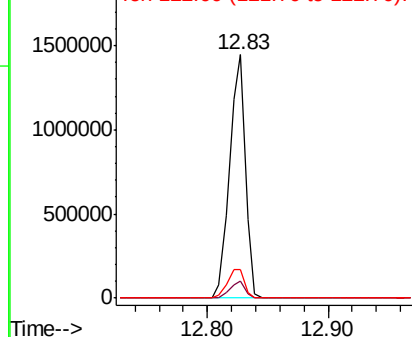


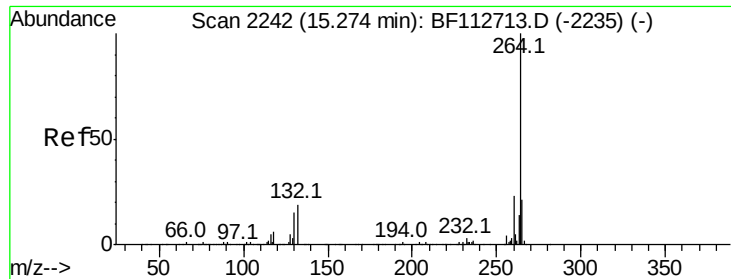
Abundance

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

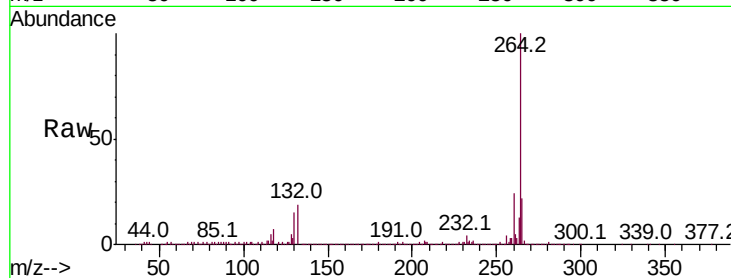




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	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

