

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114825.D
 Acq On : 5 Jun 2019 18:35
 Operator : HP/JU
 Sample : K3186-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCD

Quant Time: Jun 14 17:42:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

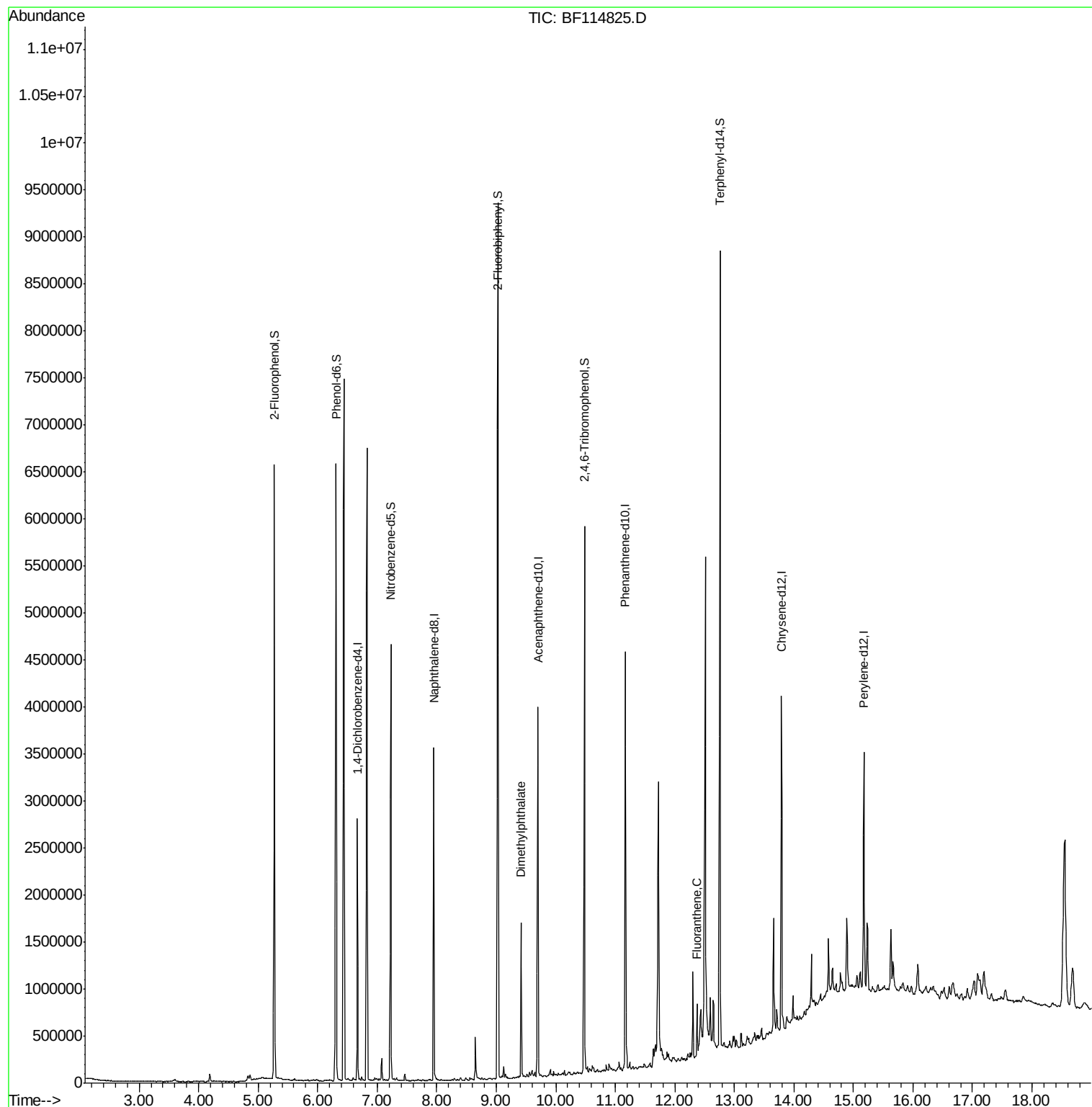
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	387151	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1517113	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	804847	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1558158	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1093499	20.00	ng	0.00
87) Perylene-d12	15.17	264	1146667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2133877	96.31	ng	0.01
7) Phenol-d6	6.31	99	2548839	94.54	ng	0.00
23) Nitrobenzene-d5	7.23	82	1615971	65.57	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	796485	91.83	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2933225	68.27	ng	0.00
79) Terphenyl-d14	12.76	244	3378854	60.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	647535	11.016	ng	99
75) Fluoranthene	12.37	202	182859	2.362	ng	95

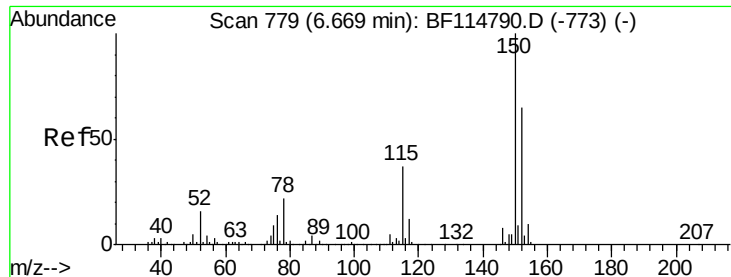
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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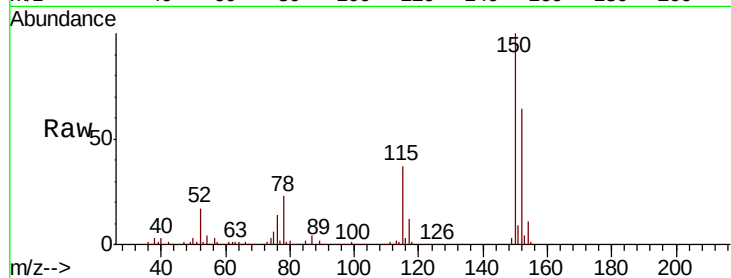


#1

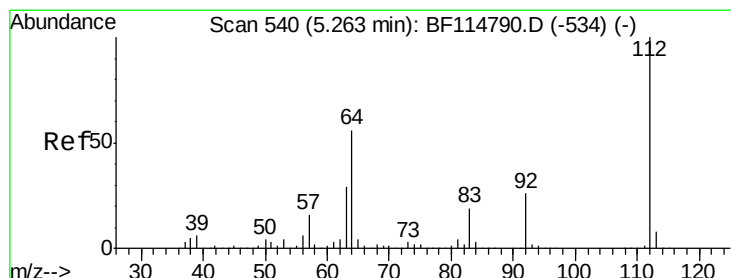
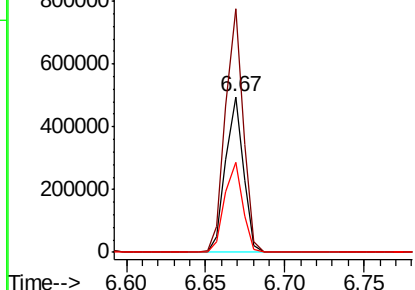
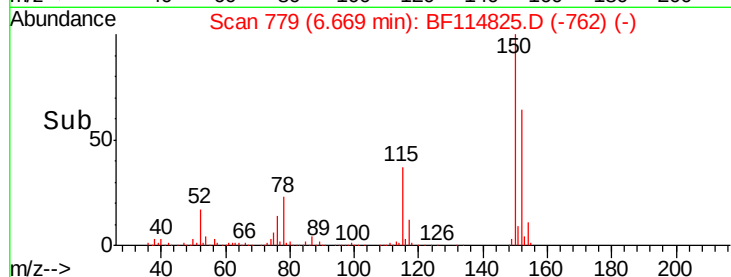
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114825.D
Acq: 5 Jun 2019 18:35

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCD

Tot Ion:152 Resp: 387151
Ion Ratio Lower Upper
152 100
150 156.4 124.0 186.0
115 58.1 46.3 69.5



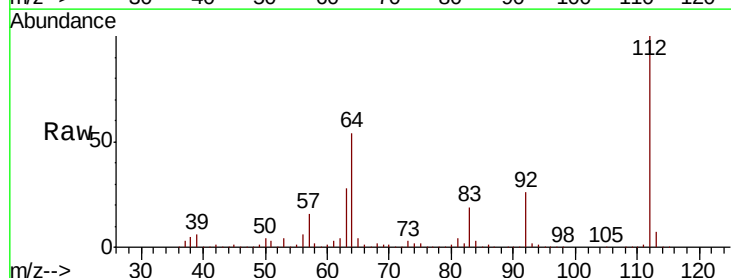
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



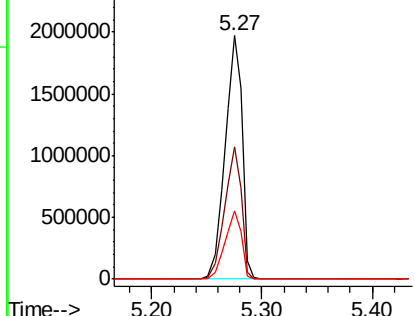
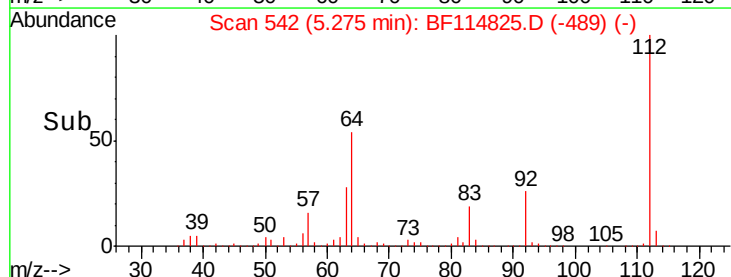
#5

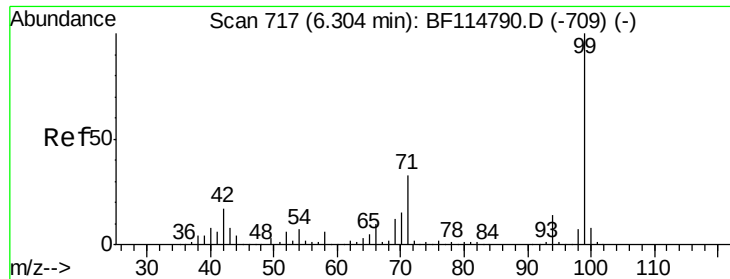
2-Fluorophenol
Concen: 96.310 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114825.D
Acq: 5 Jun 2019 18:35

Tgt Ion:112 Resp: 2133877
Ion Ratio Lower Upper
112 100
64 54.3 44.6 66.8
63 28.1 23.0 34.4



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: 94.542 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114825.D

Acq: 5 Jun 2019 18:35

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCD

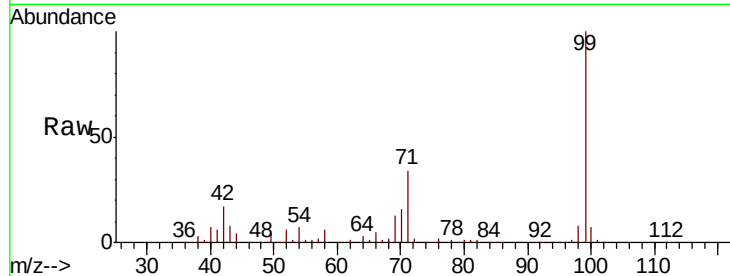
Tot Ion: 99 Resp: 2548839

Ion Ratio Lower Upper

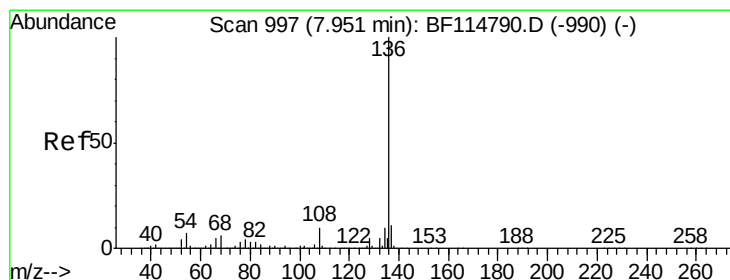
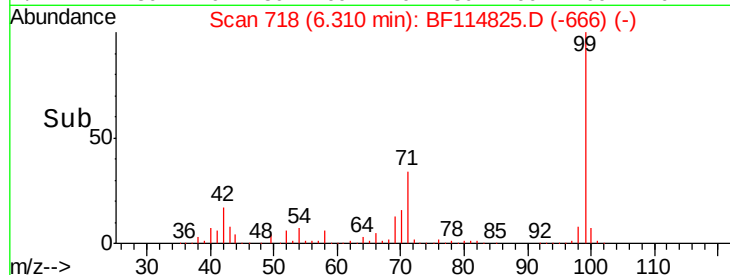
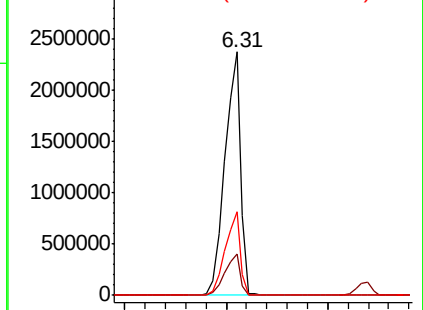
99 100

42 17.2 13.3 19.9

71 34.3 26.3 39.5



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: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF114825.D

Acq: 5 Jun 2019 18:35

Tgt Ion: 136 Resp: 1517113

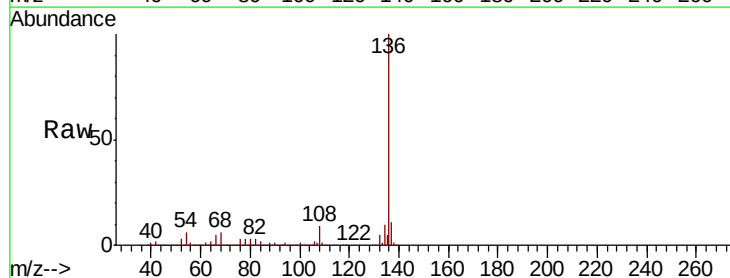
Ion Ratio Lower Upper

136 100

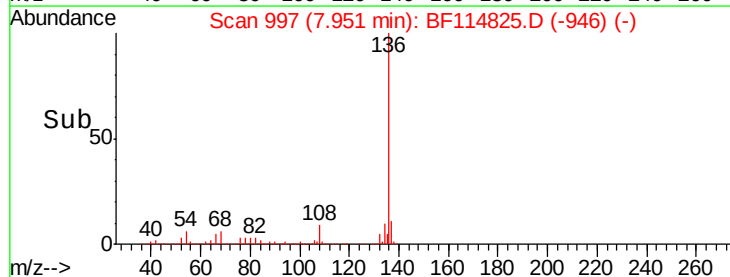
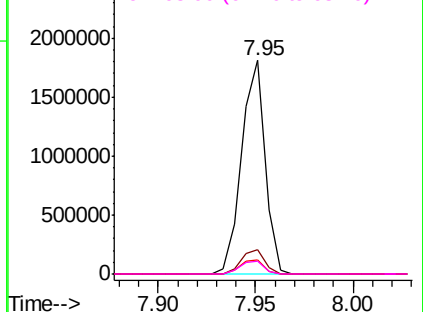
137 11.5 9.1 13.7

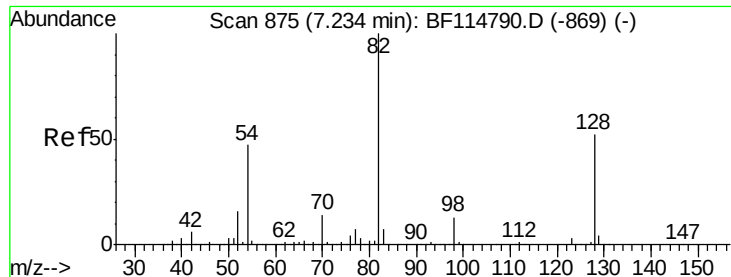
54 6.4 5.4 8.0

68 5.9 4.6 6.8



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

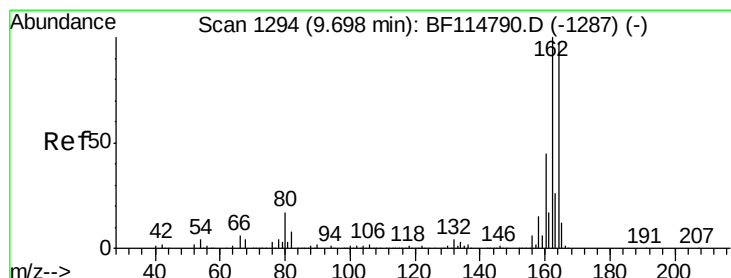
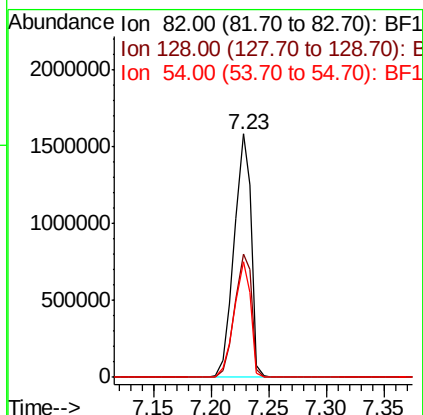
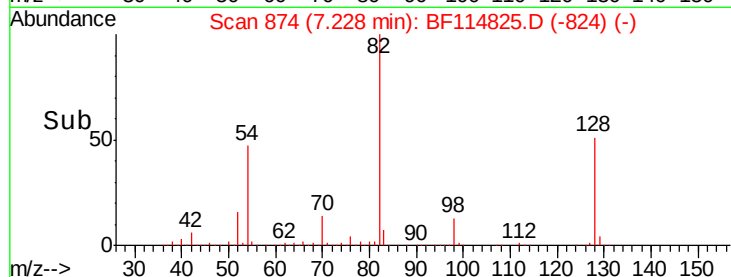
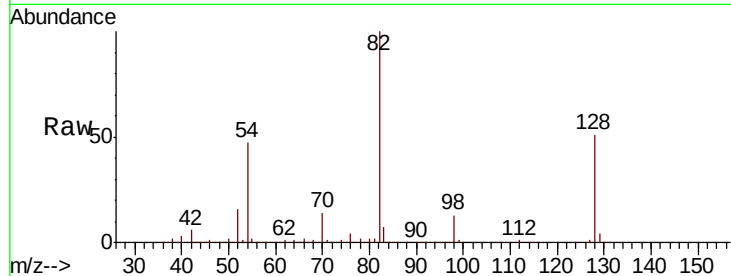




#23
Nitrobenzene-d5
Concen: 65.570 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114825.D
Acq: 5 Jun 2019 18:35

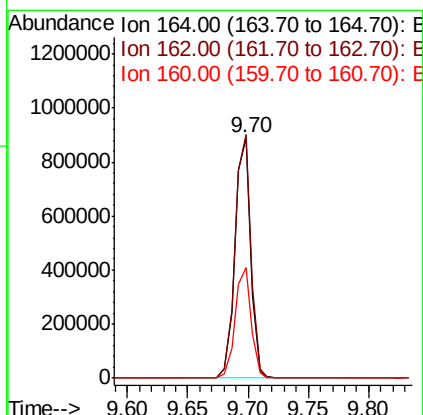
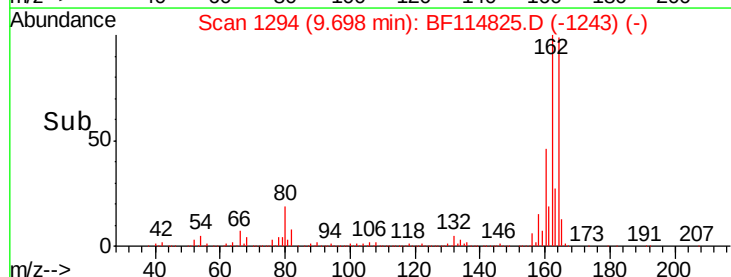
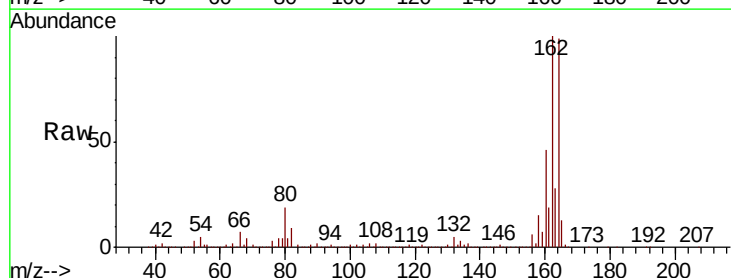
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCD

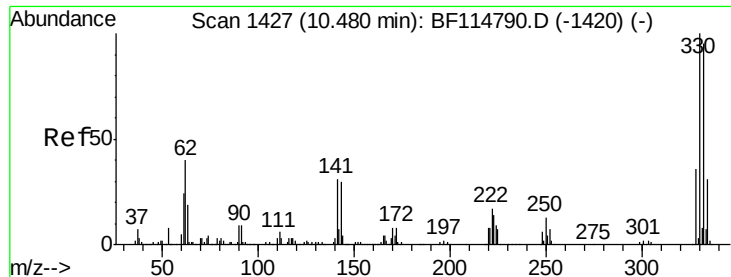
Tot Ion: 82 Resp: 1615971
Ion Ratio Lower Upper
82 100
128 50.7 41.8 62.6
54 47.4 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114825.D
Acq: 5 Jun 2019 18:35

Tgt Ion:164 Resp: 804847
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 46.2 36.7 55.1

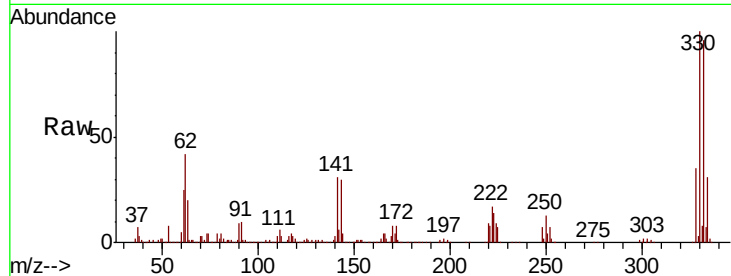




#42
 2,4,6-Tribromophenol
 Concen: 91.830 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF114825.D
 Acq: 5 Jun 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	31.7	26.2	39.4

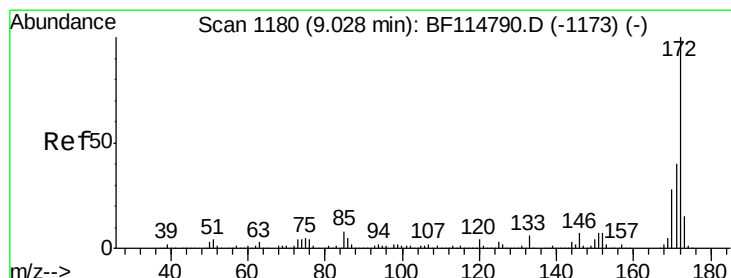
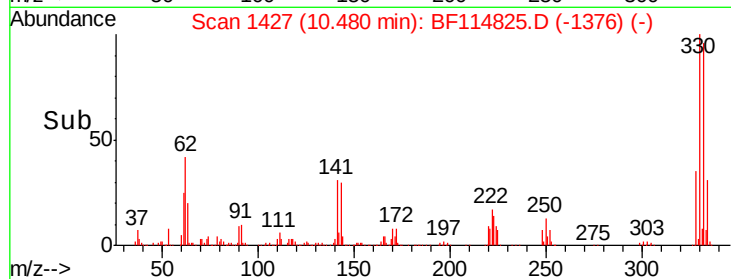
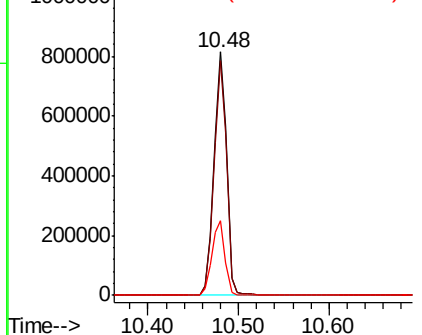


Abundance

Ion 329.80 (329.50 to 330.50): E

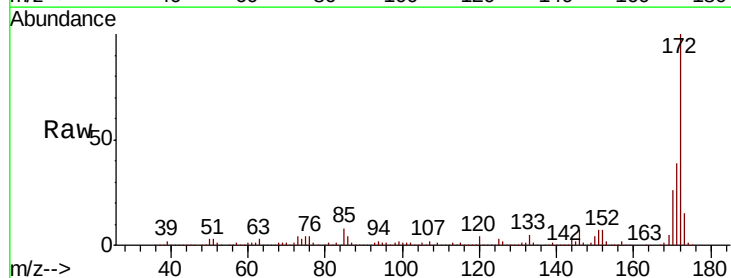
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.271 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114825.D
 Acq: 5 Jun 2019 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.3	48.5
170	26.4	22.4	33.6

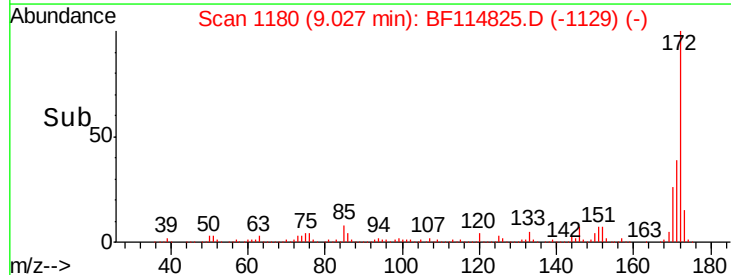
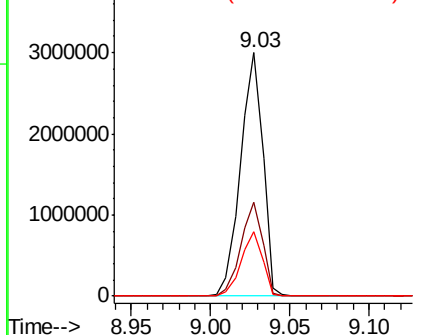


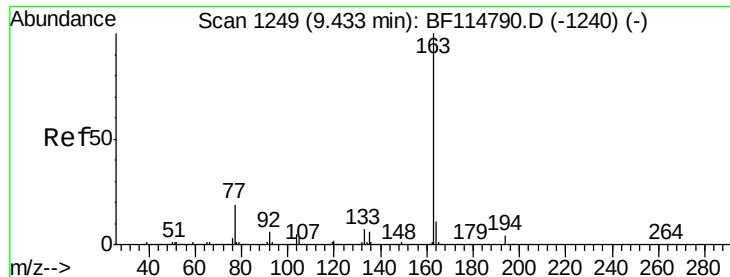
Abundance

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: 11.016 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114825.D

Acq: 5 Jun 2019 18:35

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCD

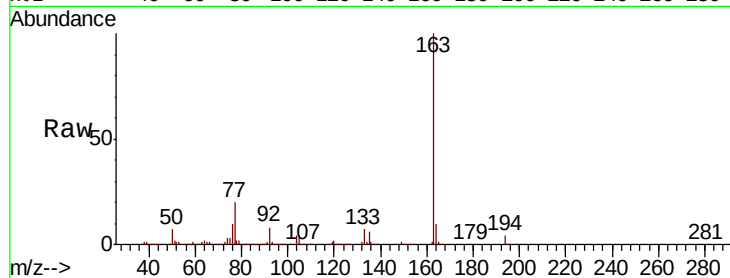
Tot Ion:163 Resp: 647535

Ion Ratio Lower Upper

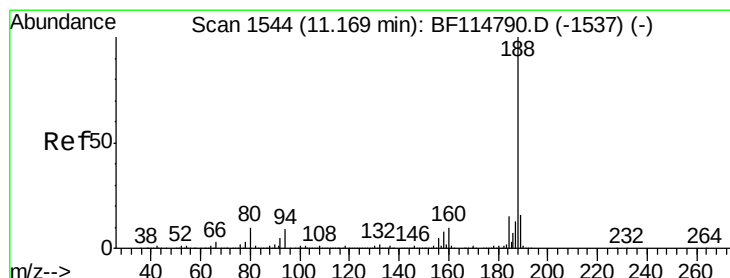
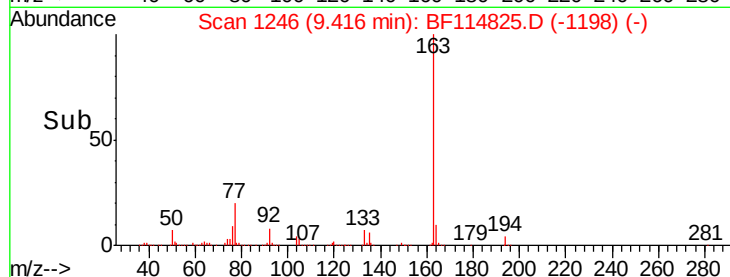
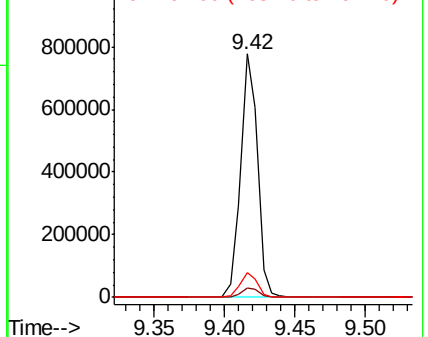
163 100

194 4.0 3.4 5.2

164 10.2 8.6 13.0



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: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF114825.D

Acq: 5 Jun 2019 18:35

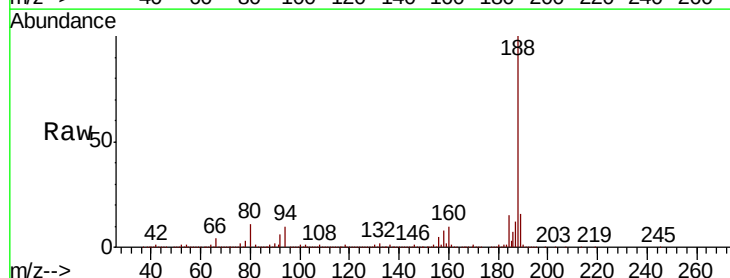
Tgt Ion:188 Resp: 1558158

Ion Ratio Lower Upper

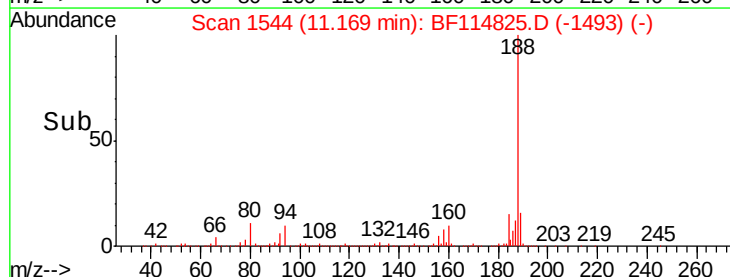
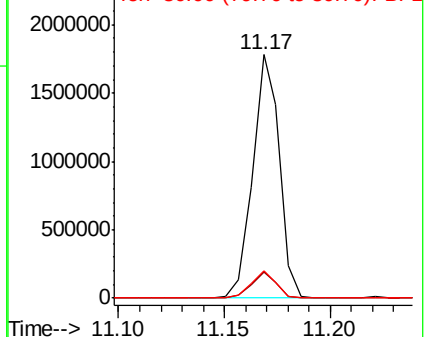
188 100

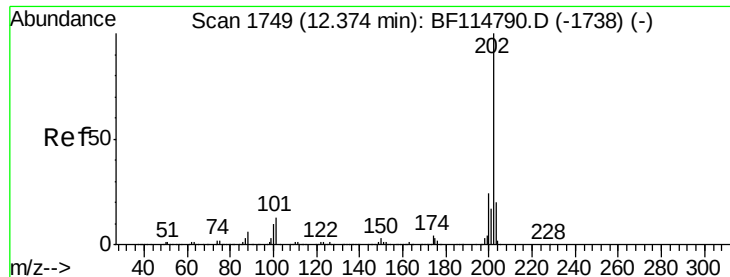
94 10.5 7.6 11.4

80 11.1 8.3 12.5



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





#75

Fluoranthene

Concen: 2.362 ng

RT: 12.37 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BF114825.D

Acq: 5 Jun 2019 18:35

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCD

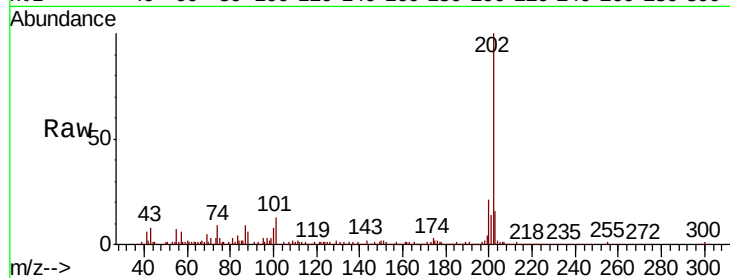
Tot Ion:202 Resp: 182859

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

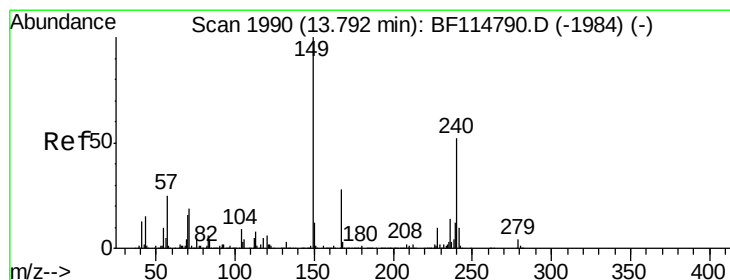
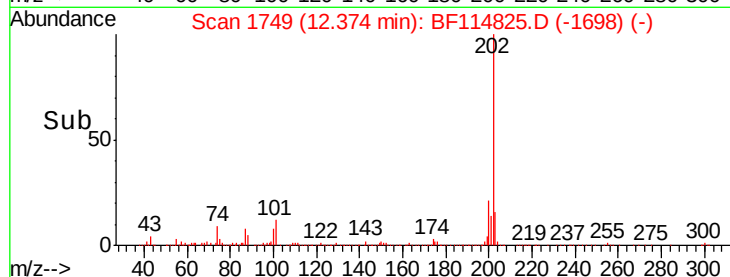
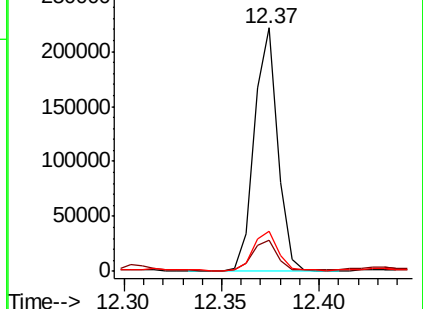
203 16.4 0.2 40.2



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: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114825.D

Acq: 5 Jun 2019 18:35

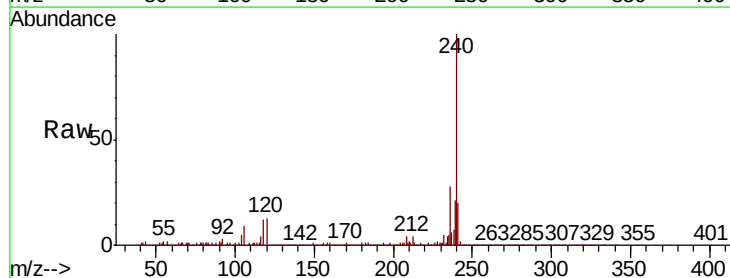
Tgt Ion:240 Resp: 1093499

Ion Ratio Lower Upper

240 100

120 12.8 9.0 13.4

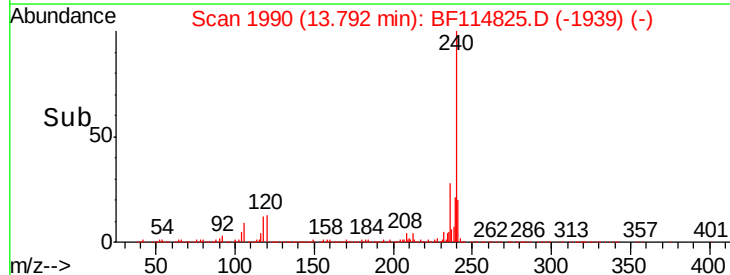
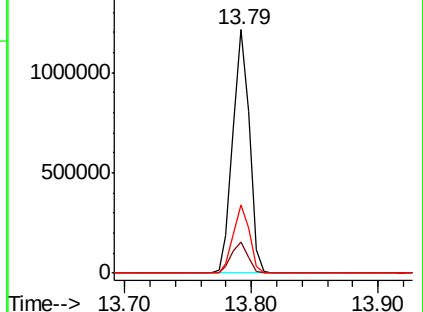
236 28.0 21.4 32.0

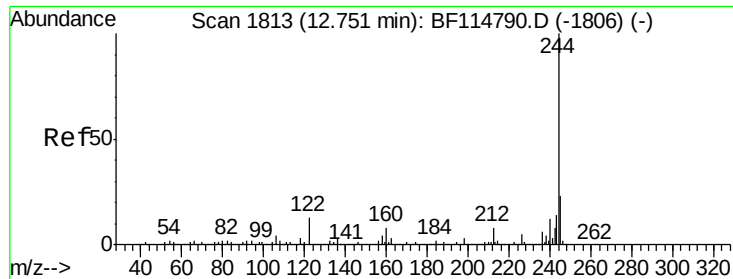


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

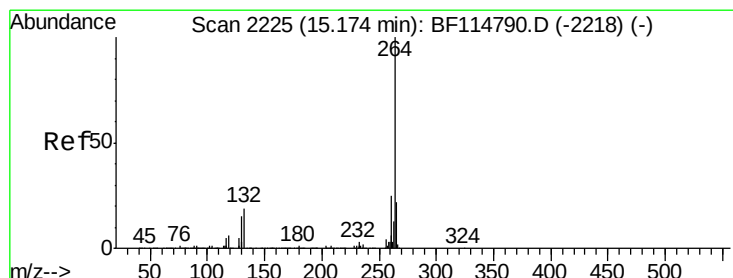
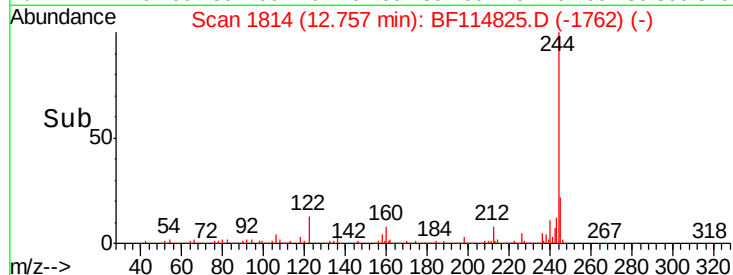
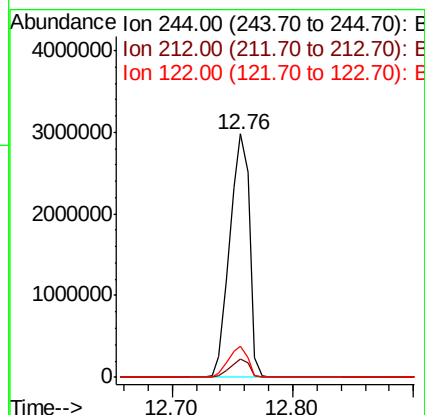
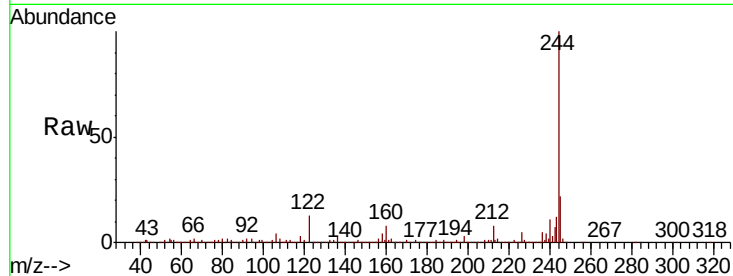




#79
 Terphenyl-d14
 Concen: 60.092 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114825.D
 Acq: 5 Jun 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCD

Tot Ion:244 Resp: 3378854
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 13.0 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF114825.D
 Acq: 5 Jun 2019 18:35

Tgt Ion:264 Resp: 1146667
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 22.2 17.7 26.5

