

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117964.D
 Acq On : 23 Nov 2019 18:42
 Operator : JU
 Sample : K5951-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-8FT

Quant Time: Nov 25 08:37:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

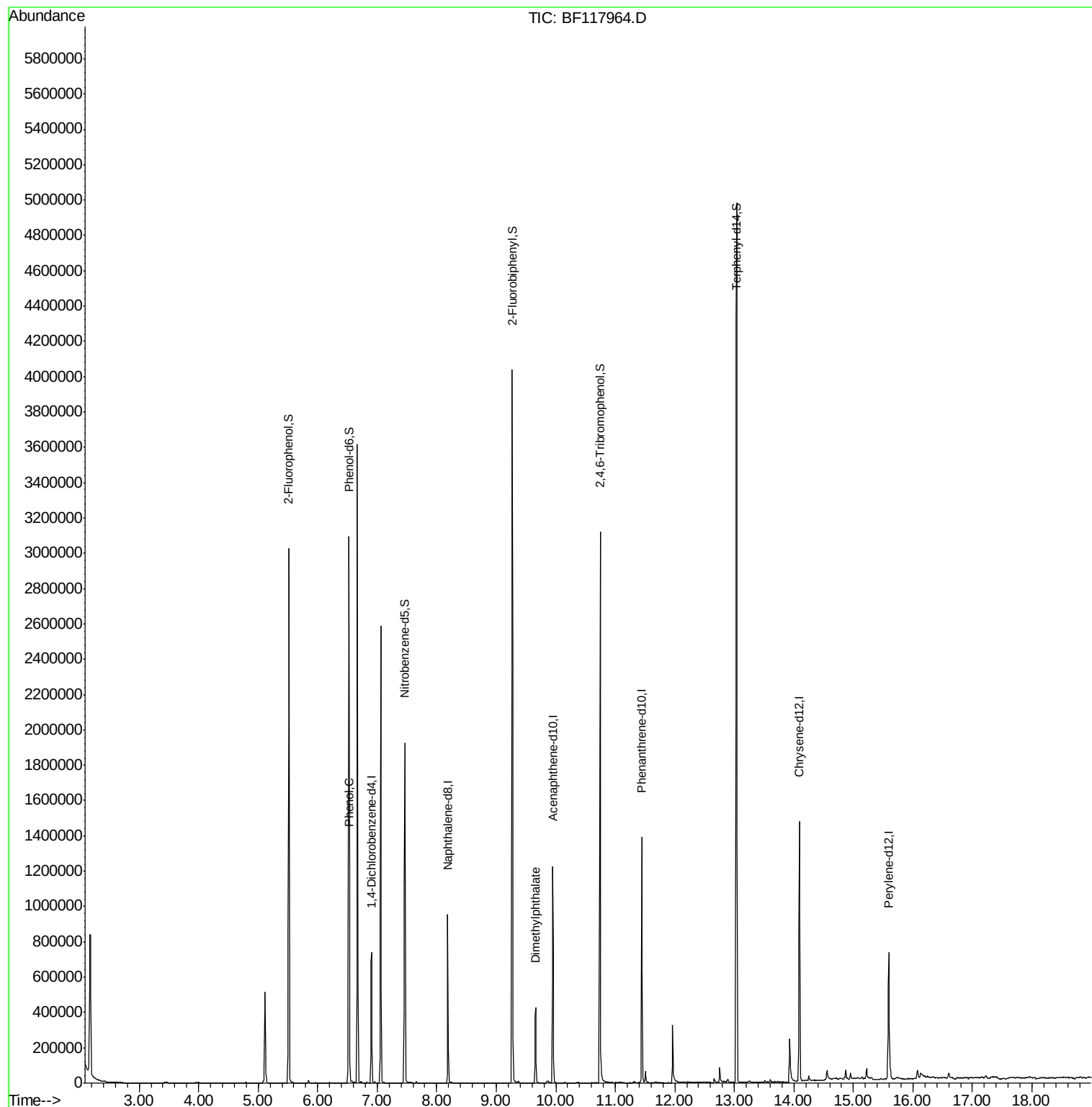
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110966	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	436687	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	235869	20.00	ng	-0.02
64) Phenanthrene-d10	11.44	188	540268	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	452589	20.00	ng	-0.02
87) Perylene-d12	15.59	264	359315	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	921295	146.96	ng	-0.02
7) Phenol-d6	6.53	99	1100292	145.52	ng	-0.02
23) Nitrobenzene-d5	7.46	82	634493	86.37	ng	-0.03
42) 2,4,6-Tribromophenol	10.74	330	424810	170.12	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1229036	93.48	ng	-0.02
79) Terphenyl-d14	13.04	244	1784138	72.05	ng	-0.02
Target Compounds						
10) Phenol	6.54	94	22248	2.832	ng	95
50) Dimethylphthalate	9.66	163	183067	11.068	ng	98

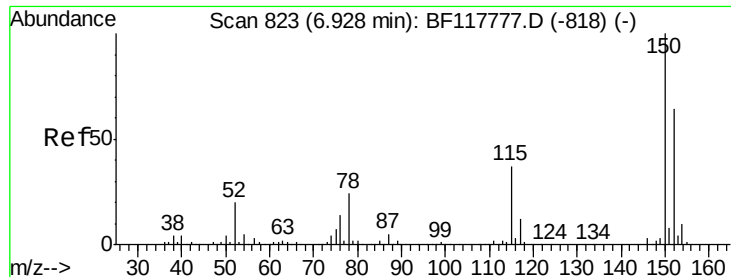
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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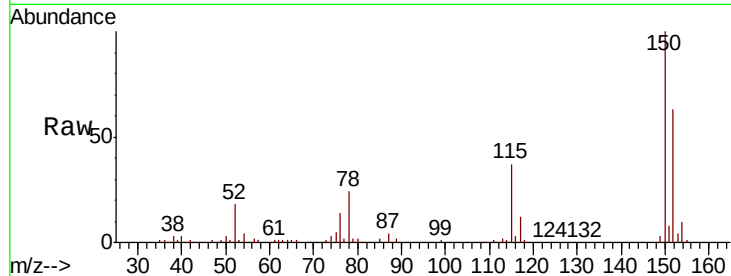


#1

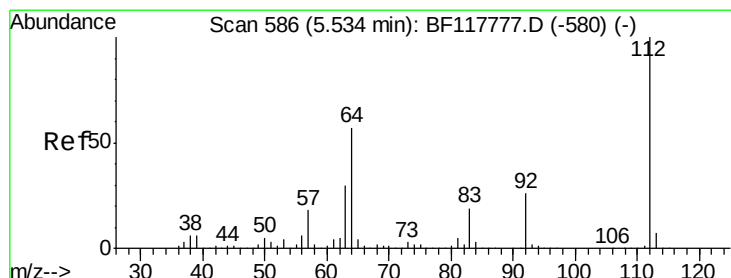
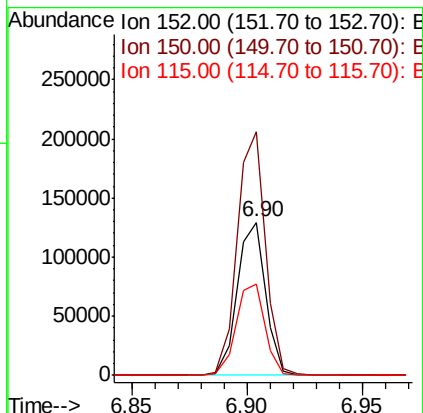
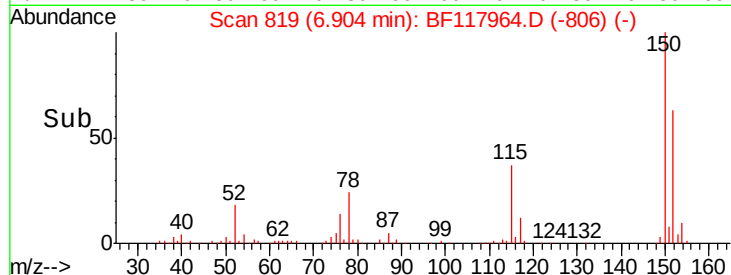
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117964.D
 Acq: 23 Nov 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-8FT

Tot Ion:152 Resp: 110966
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.3 187.9
 115 59.4 47.0 70.4



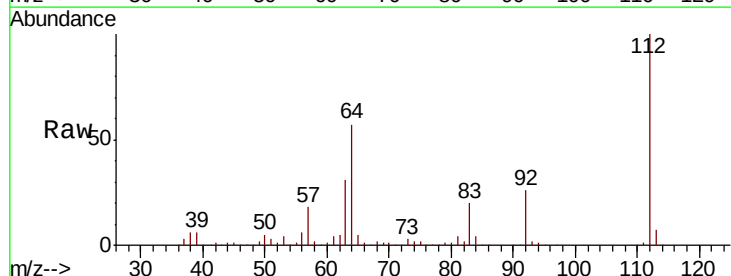
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



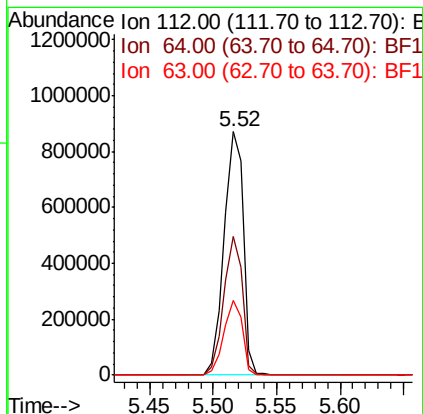
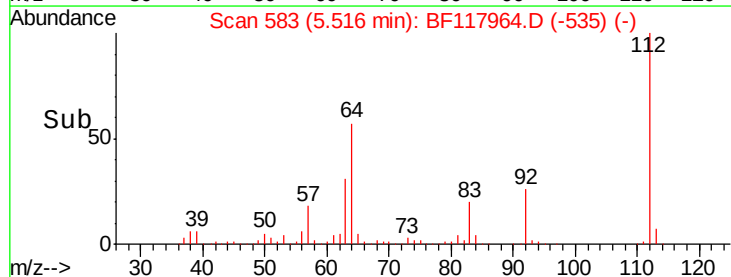
#5

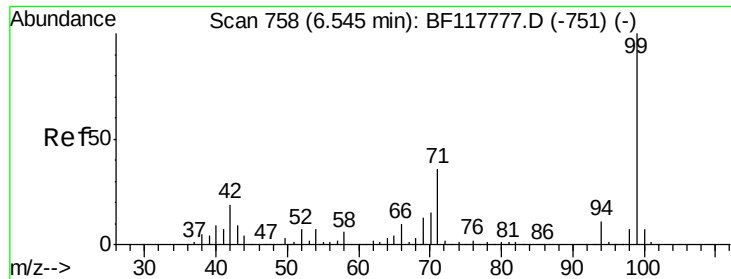
2-Fluorophenol
 Concen: 146.963 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF117964.D
 Acq: 23 Nov 2019 18:42

Tgt Ion:112 Resp: 921295
 Ion Ratio Lower Upper
 112 100
 64 56.9 45.6 68.4
 63 30.8 24.1 36.1



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: 145.516 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-8FT

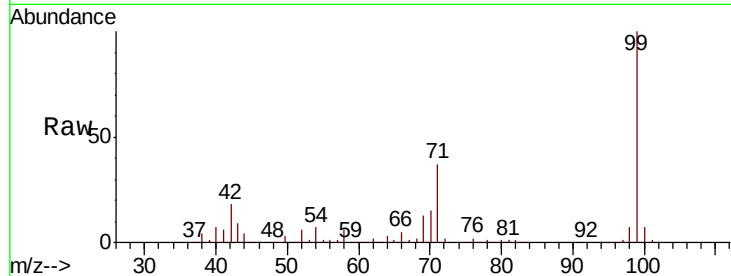
Tot Ion: 99 Resp: 1100292

Ion Ratio Lower Upper

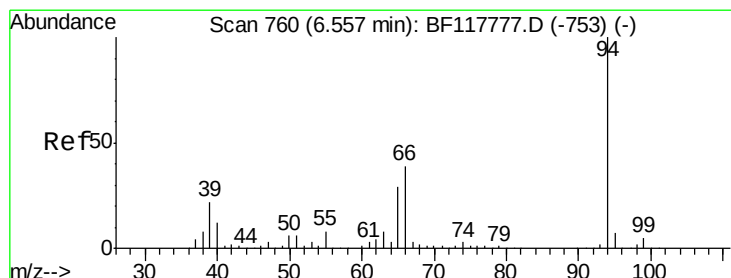
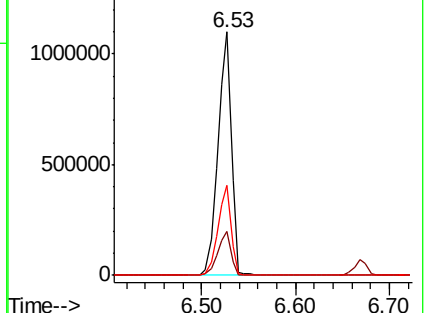
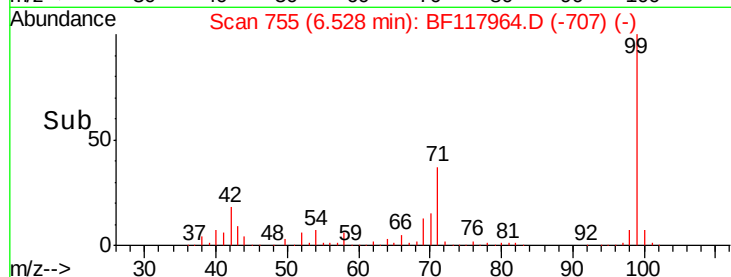
99 100

42 18.2 14.9 22.3

71 37.2 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.832 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

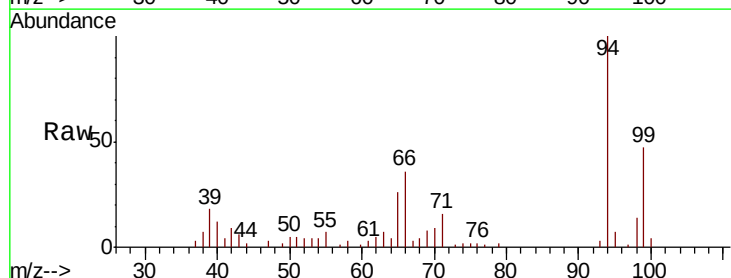
Tgt Ion: 94 Resp: 22248

Ion Ratio Lower Upper

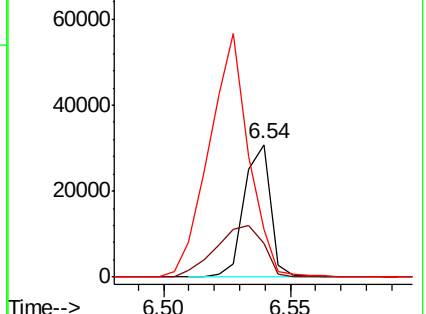
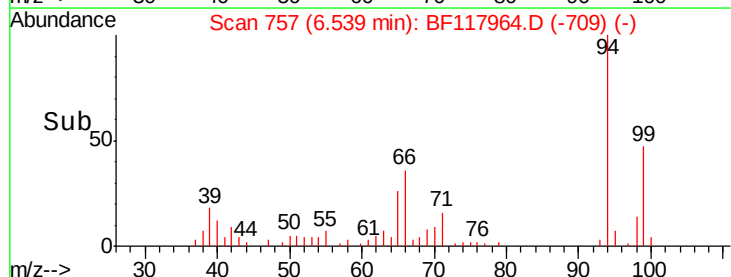
94 100

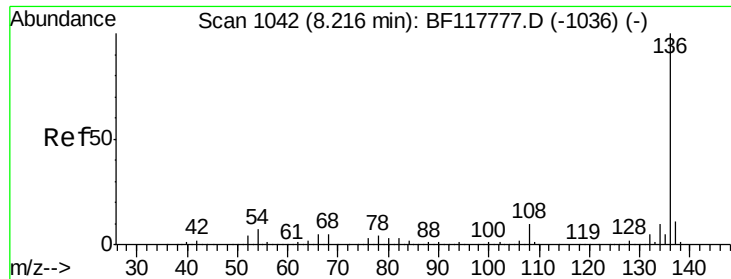
65 25.8 8.9 48.9

66 36.0 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
60000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

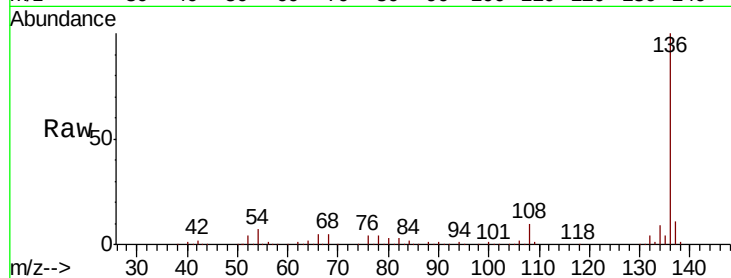




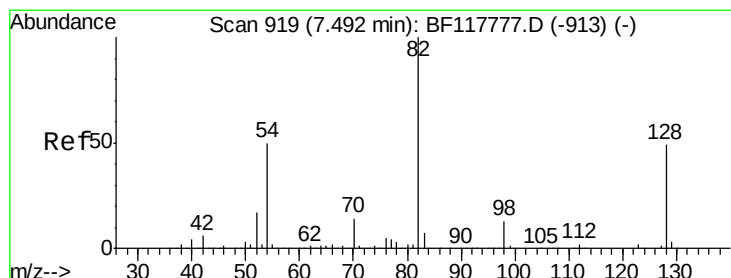
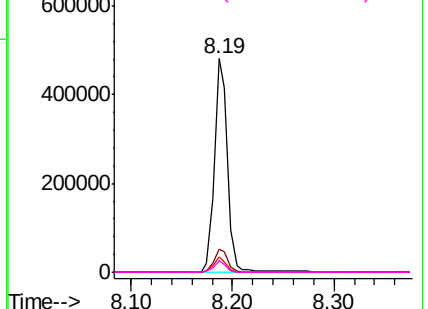
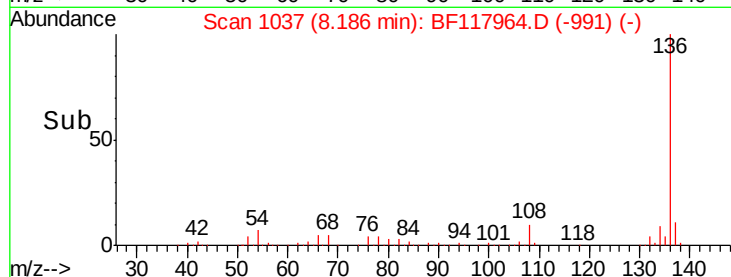
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tot Ion:136	Resp:	436687
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	7.1	5.4 8.2
68	5.4	4.3 6.5

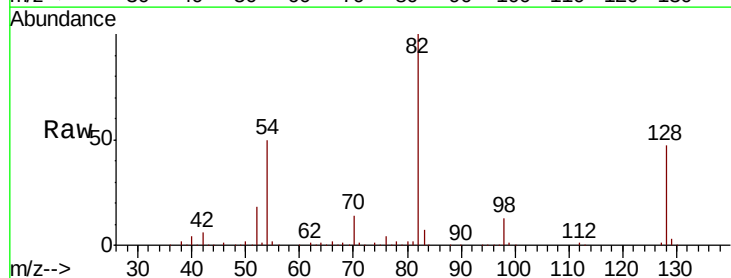


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

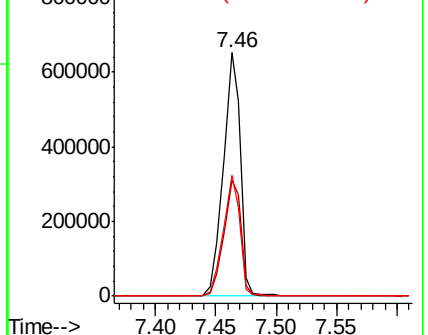
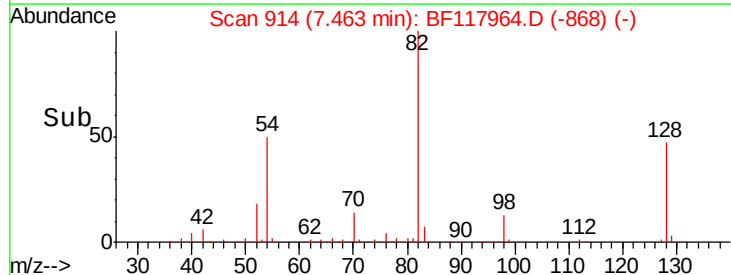


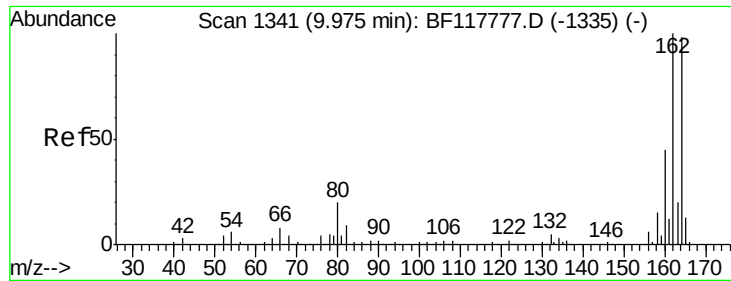
#23
Nitrobenzene-d5
Concen: 86.373 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion: 82	Resp:	634493
Ion	Ratio	Lower Upper
82	100	
128	47.3	38.9 58.3
54	49.9	39.8 59.6



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

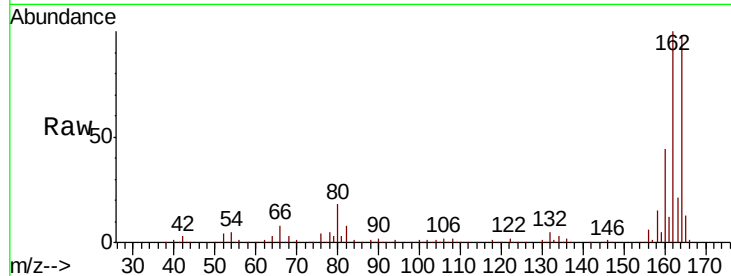




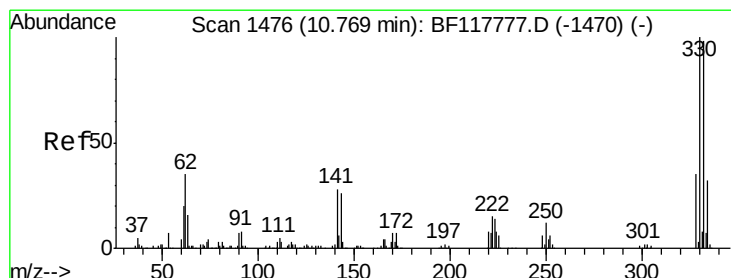
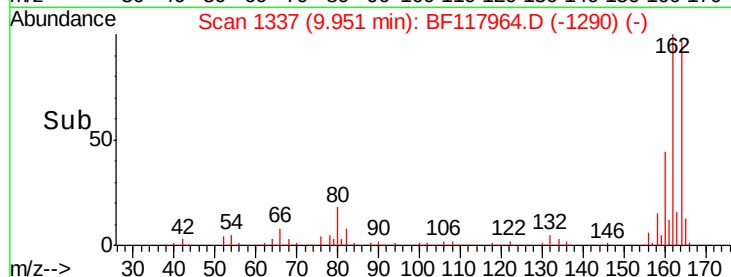
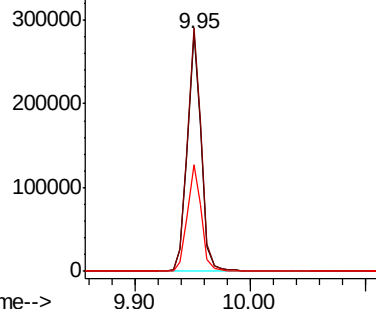
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	44.8	36.6	55.0

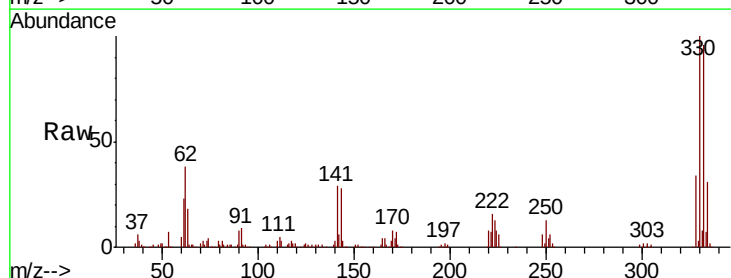


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

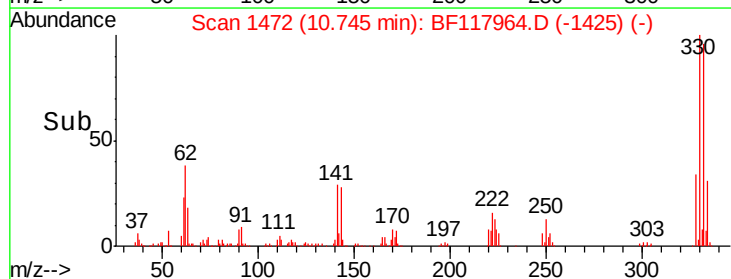
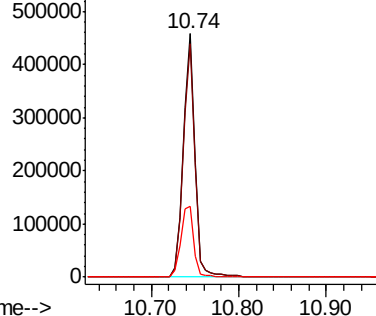


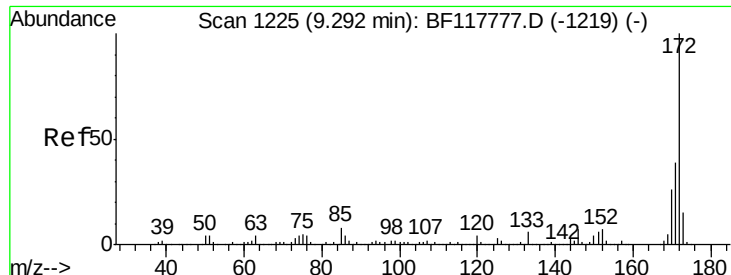
#42
2,4,6-Tribromophenol
Concen: 170.120 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	32.6	27.7	41.5



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

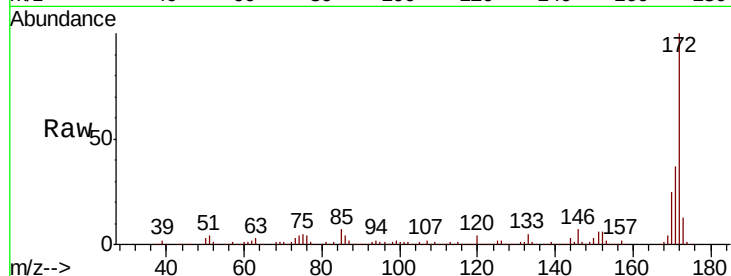




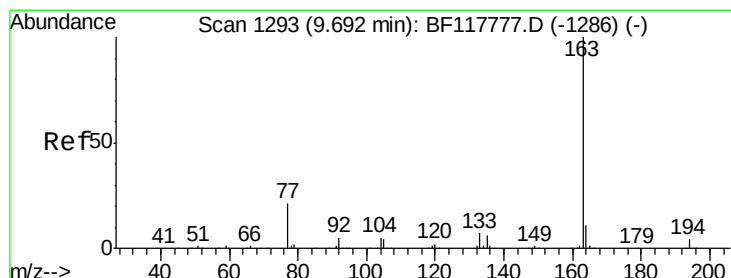
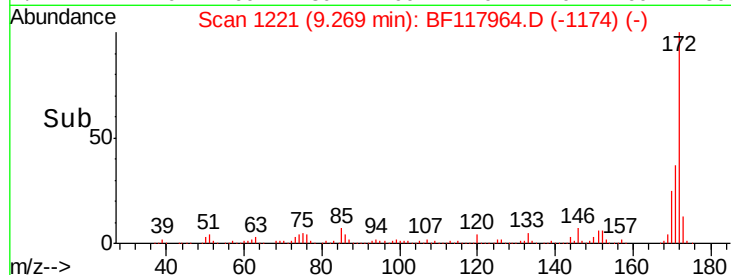
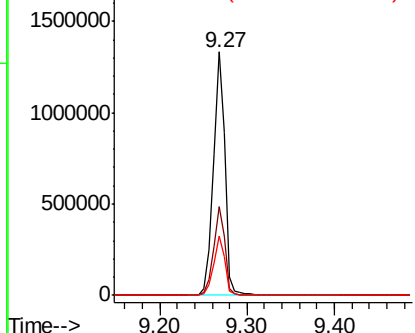
#45
2-Fluorobiphenyl
Concen: 93.481 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tot Ion:172 Resp: 1229036
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.6 21.0 31.4

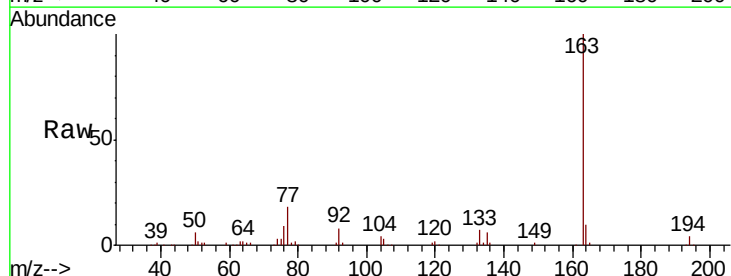


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

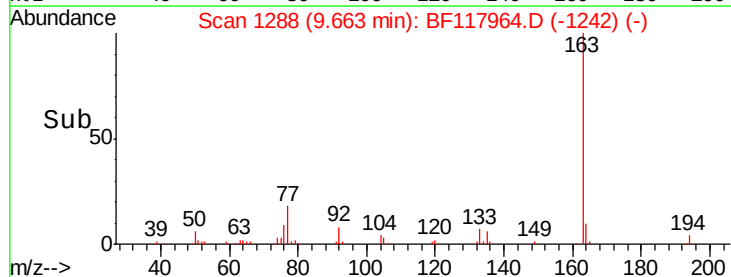
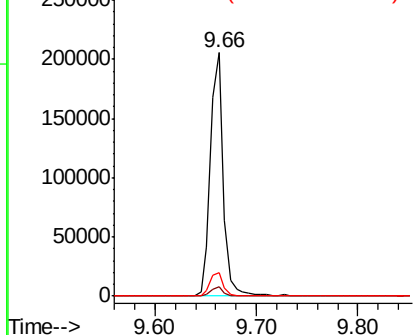


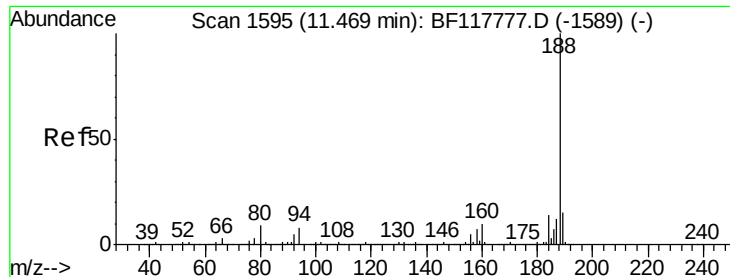
#50
Dimethylphthalate
Concen: 11.068 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:163 Resp: 183067
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.7 13.1



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

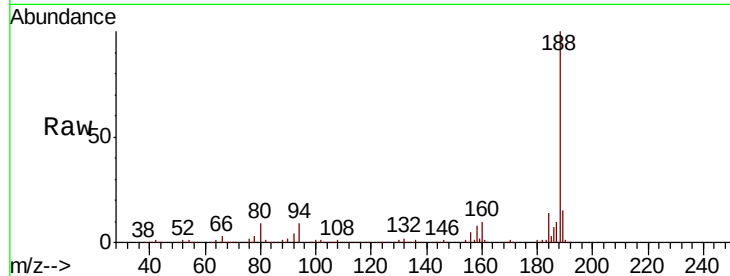




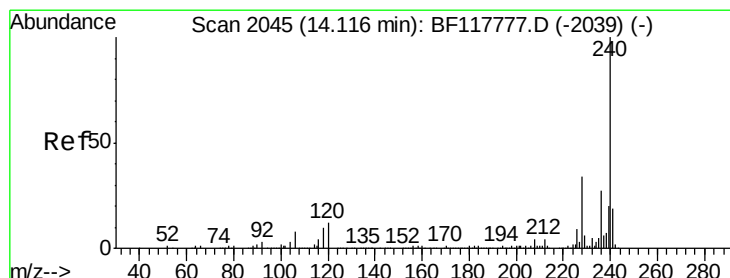
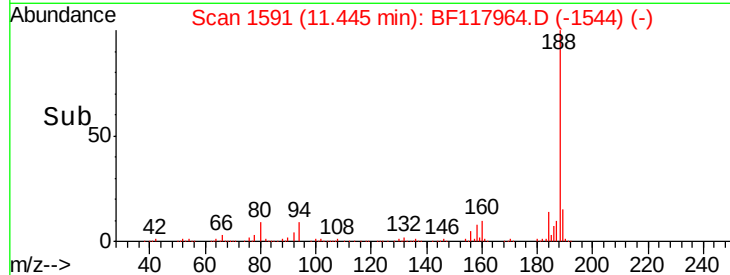
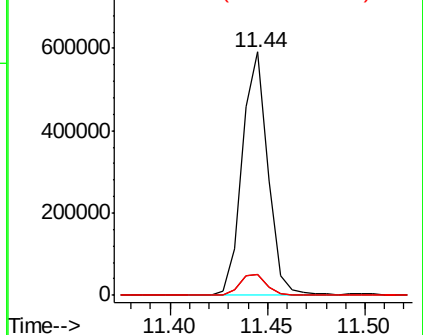
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tot Ion:188 Resp: 540268
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 8.7 7.2 10.8

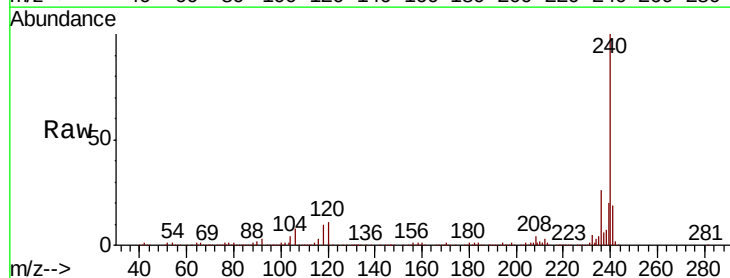


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

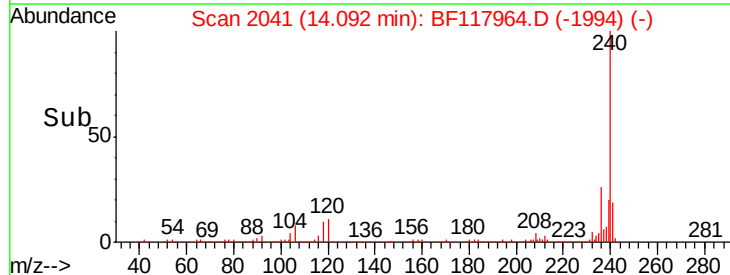
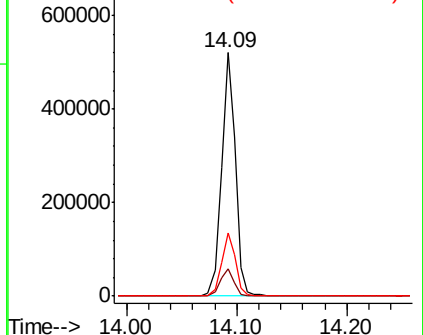


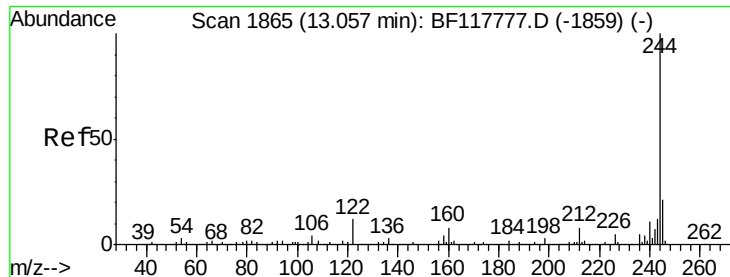
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:240 Resp: 452589
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.9 21.3 31.9



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

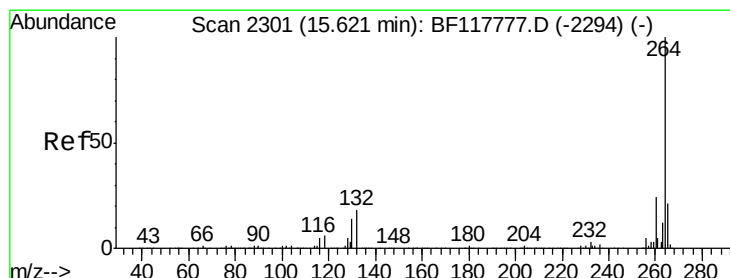
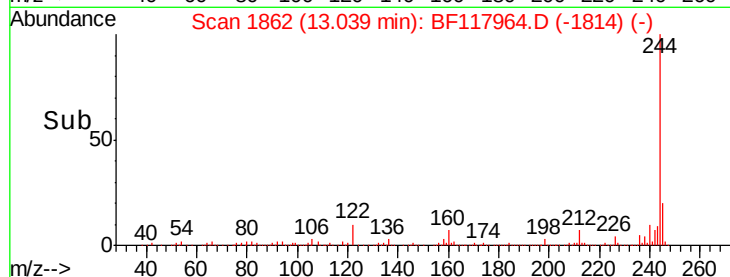
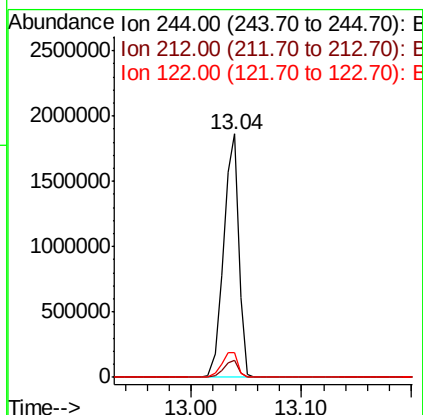
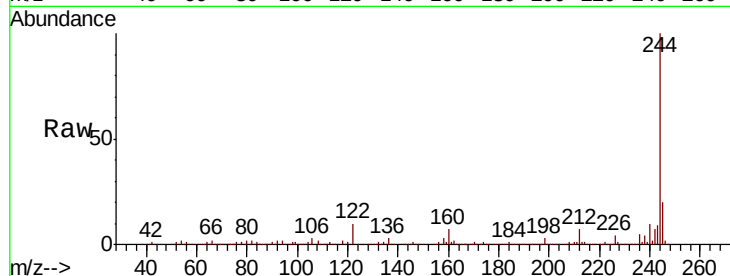




#79
 Terphenyl-d14
 Concen: 72.046 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117964.D
 Acq: 23 Nov 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-8FT

Tot Ion:244 Resp: 1784138
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 10.2 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. -0.03 min
 Lab File: BF117964.D
 Acq: 23 Nov 2019 18:42

Tgt Ion:264 Resp: 359315
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.8 17.1 25.7

