

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117375.D
 Acq On : 12 Oct 2019 18:22
 Operator : JU
 Sample : K5325-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10-10-I

Quant Time: Oct 14 02:29:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

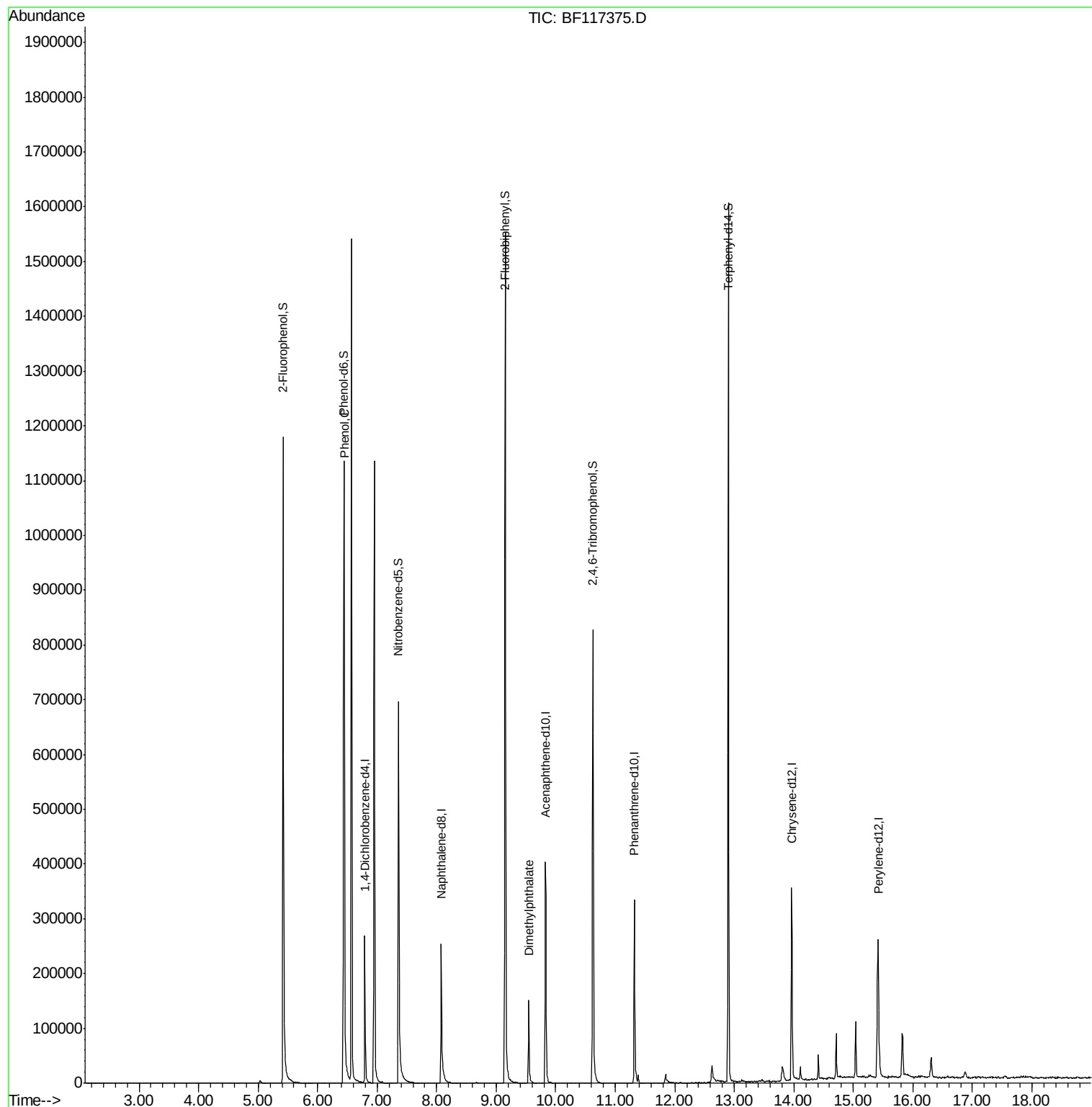
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	45617	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	184801	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	98223	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	167275	20.00	ng	0.00
76) Chrysene-d12	13.96	240	131443	20.00	ng	-0.01
87) Perylene-d12	15.42	264	123923	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	371868	127.27	ng	0.00
7) Phenol-d6	6.44	99	512855	135.82	ng	-0.01
23) Nitrobenzene-d5	7.36	82	313845	89.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	104165	126.89	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	506115	80.57	ng	-0.01
79) Terphenyl-d14	12.90	244	528057	75.09	ng	0.00
Target Compounds						
10) Phenol	6.45	94	12483	2.999	ng	84
50) Dimethylphthalate	9.55	163	72296	10.395	ng	99

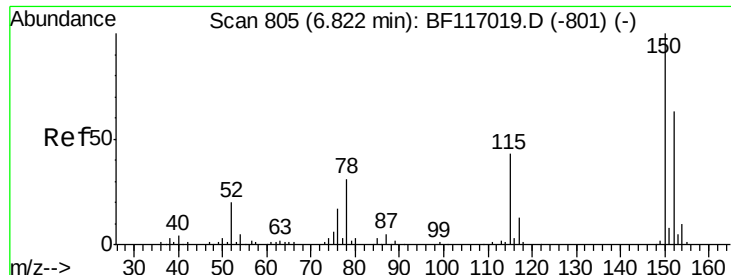
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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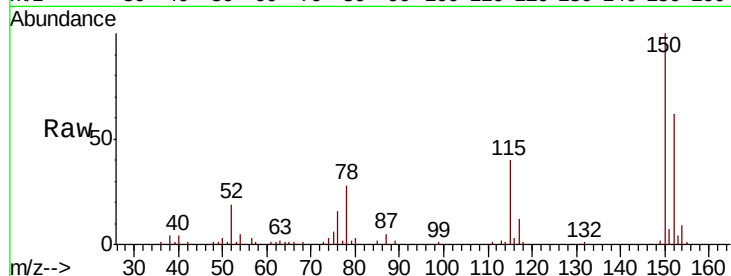


#1

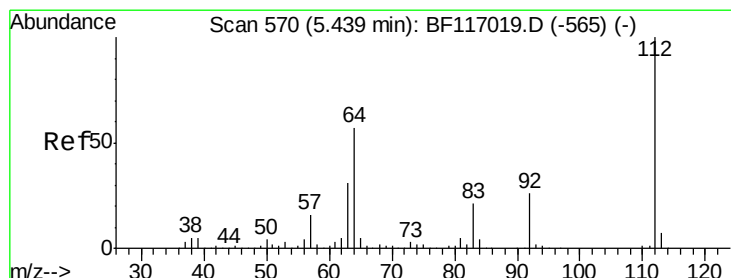
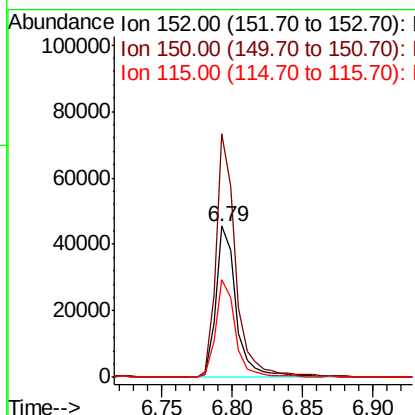
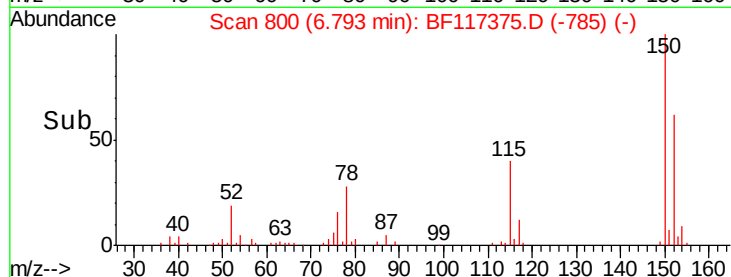
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117375.D
Acq: 12 Oct 2019 18:22

Instrument :
BNA_F
ClientSampleId :
10-10-I

Tot Ion:152 Resp: 45617
Ion Ratio Lower Upper
152 100
150 160.9 127.5 191.3
115 64.2 55.0 82.4



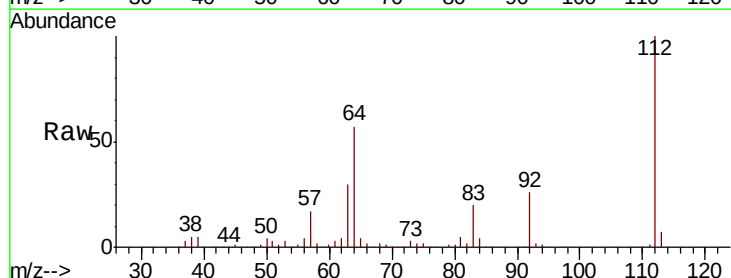
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



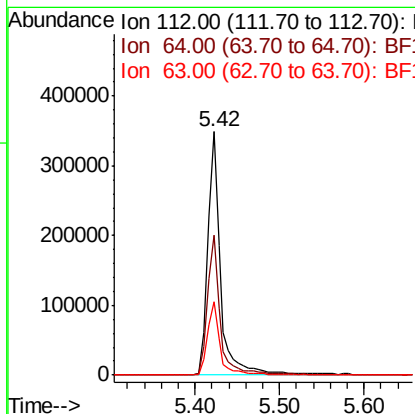
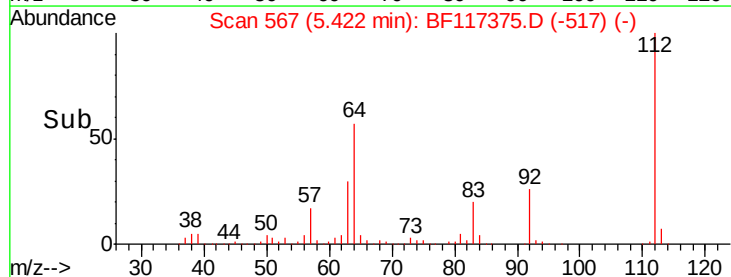
#5

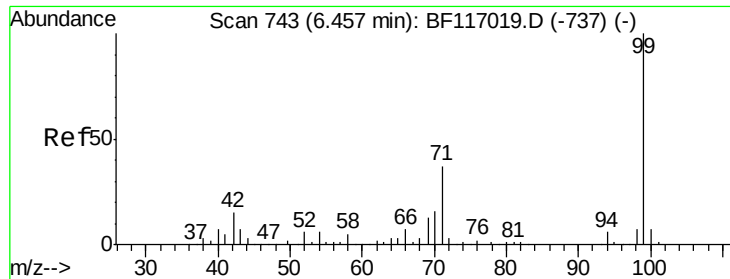
2-Fluorophenol
Concen: 127.272 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117375.D
Acq: 12 Oct 2019 18:22

Tgt Ion:112 Resp: 371868
Ion Ratio Lower Upper
112 100
64 57.4 45.7 68.5
63 30.0 24.9 37.3



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: 135.818 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

Instrument :

BNA_F

ClientSampleId :

10-10-I

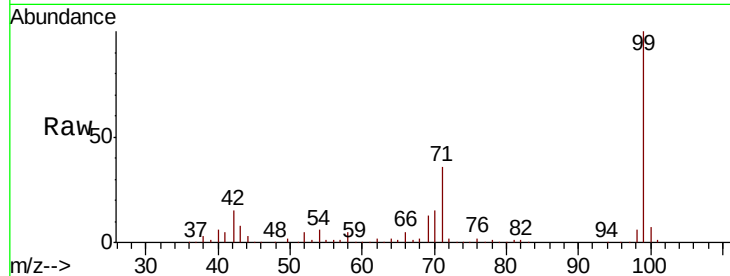
Tot Ion: 99 Resp: 512855

Ion Ratio Lower Upper

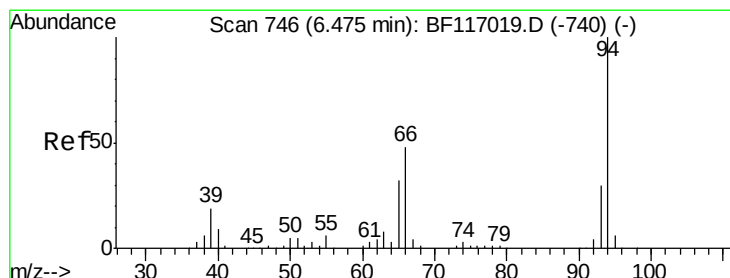
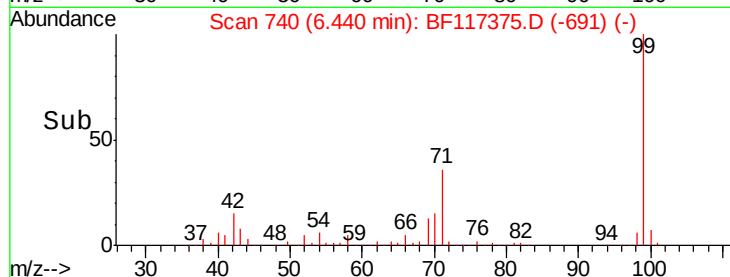
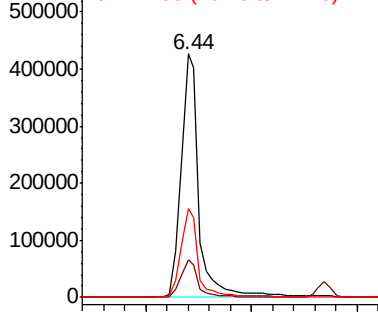
99 100

42 15.4 12.2 18.2

71 36.5 29.8 44.8



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: 2.999 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

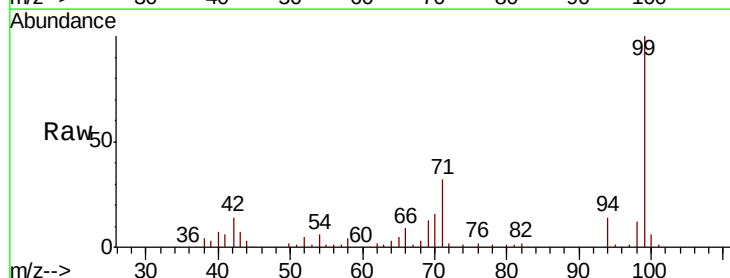
Tgt Ion: 94 Resp: 12483

Ion Ratio Lower Upper

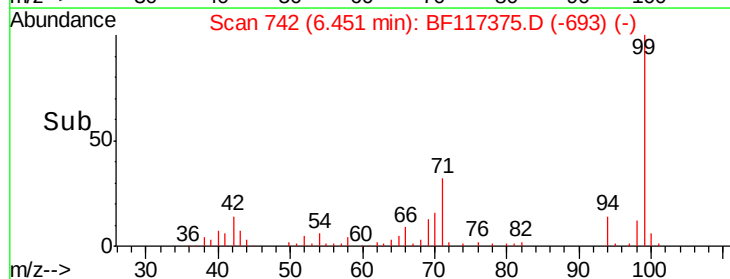
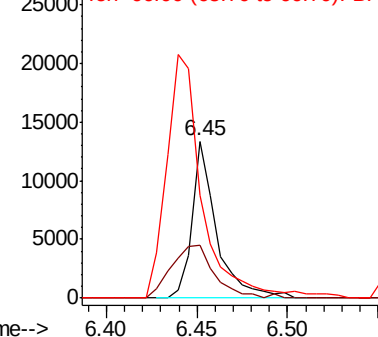
94 100

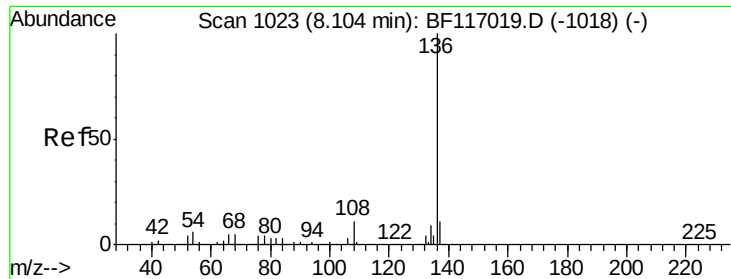
65 34.1 12.5 52.5

66 65.6 28.9 68.9



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

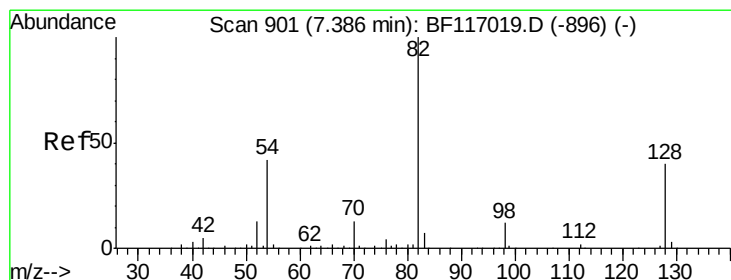
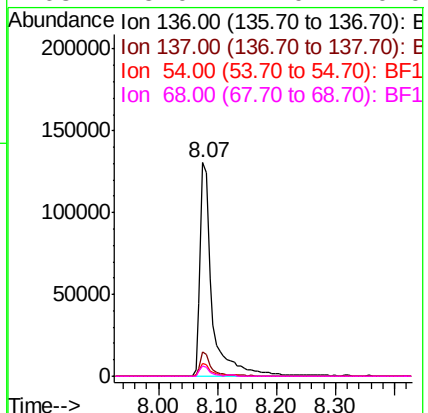
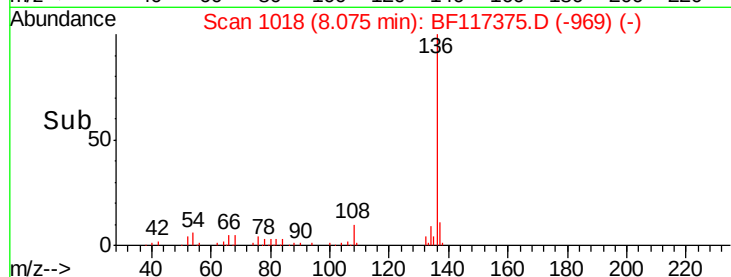
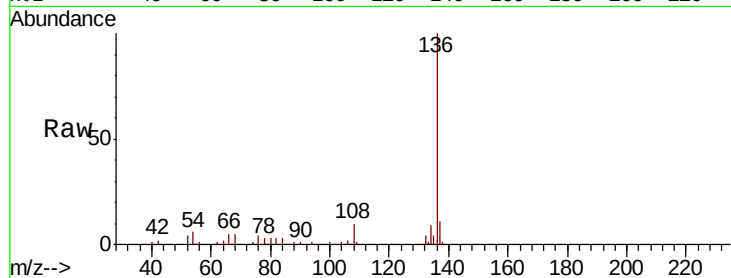




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117375.D
Acq: 12 Oct 2019 18:22

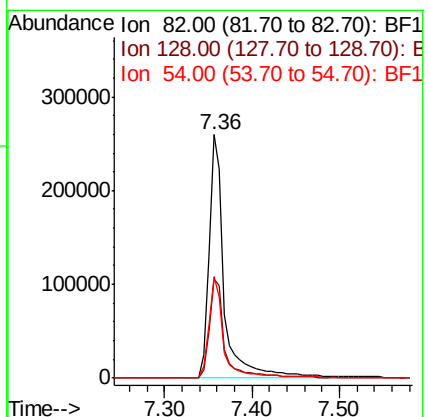
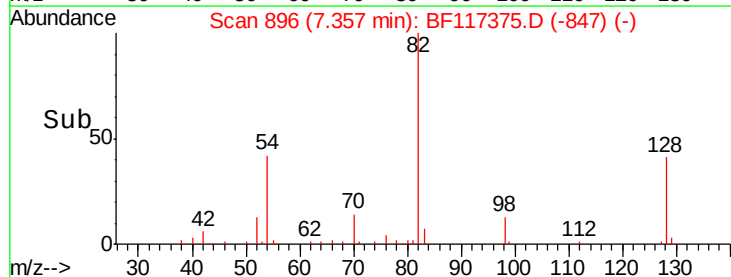
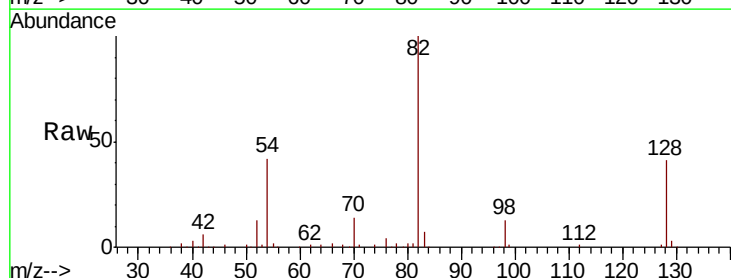
Instrument :
BNA_F
ClientSampleId :
10-10-I

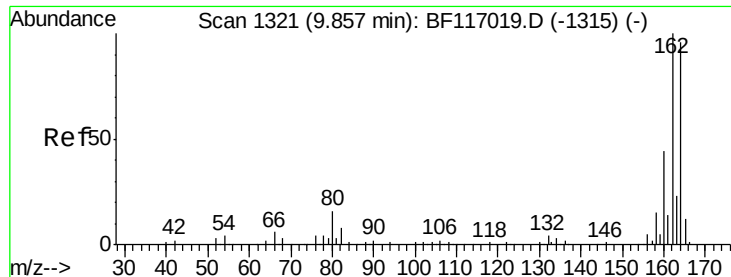
Tot Ion:136	Resp:	184801
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	6.3	4.5 6.7
68	5.0	4.0 6.0



#23
Nitrobenzene-d5
Concen: 89.232 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117375.D
Acq: 12 Oct 2019 18:22

Tgt Ion: 82	Resp:	313845
Ion Ratio	Lower	Upper
82	100	
128	40.6	32.3 48.5
54	41.7	33.3 49.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

Instrument :

BNA_F

ClientSampleId :

10-10-I

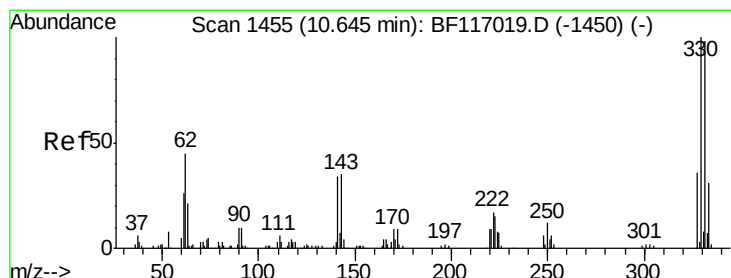
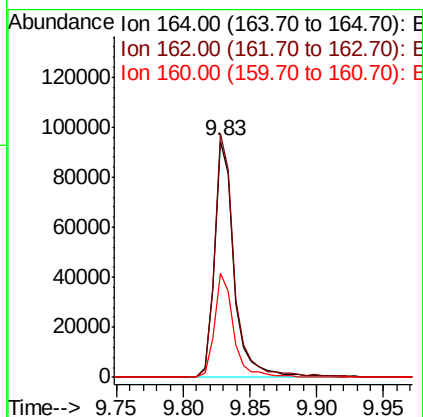
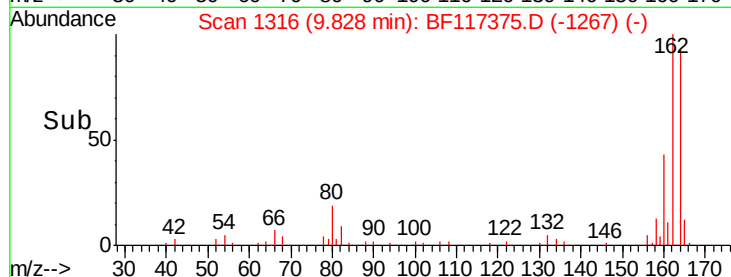
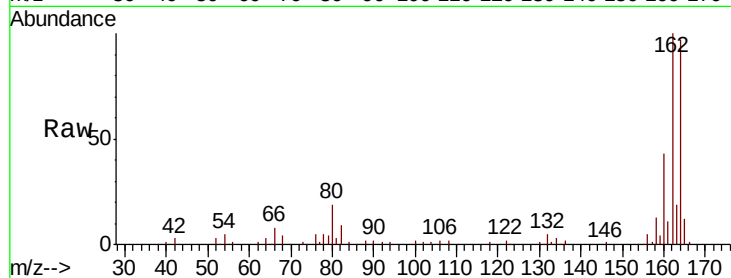
Tot Ion:164 Resp: 98223

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.2

160 43.9 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 126.888 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

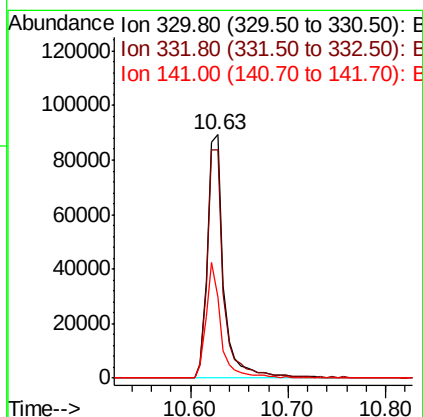
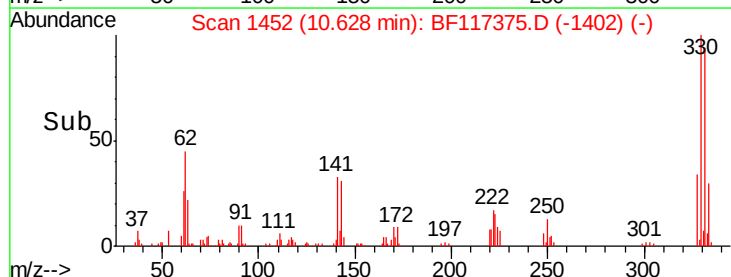
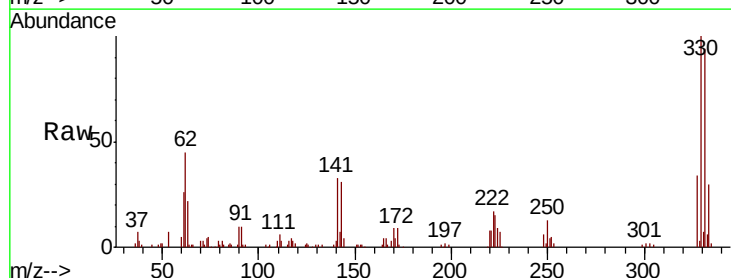
Tgt Ion:330 Resp: 104165

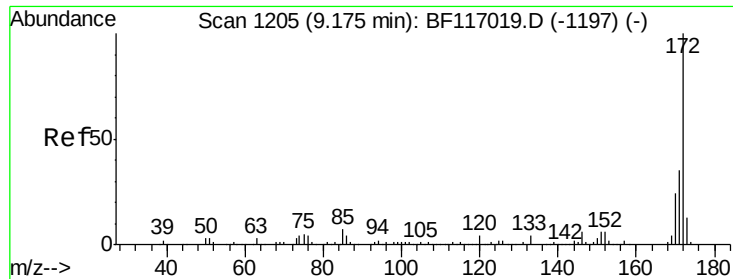
Ion Ratio Lower Upper

330 100

332 94.4 78.0 117.0

141 42.6 35.8 53.6

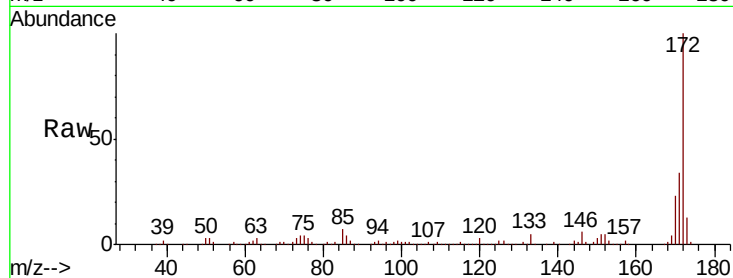




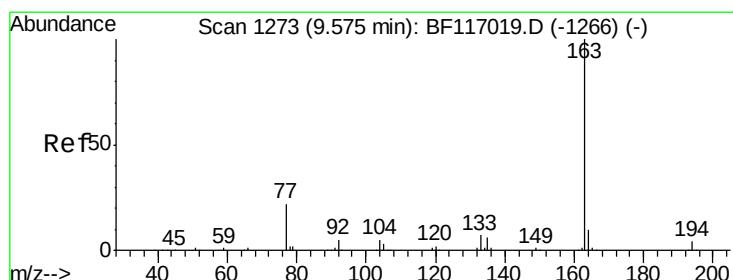
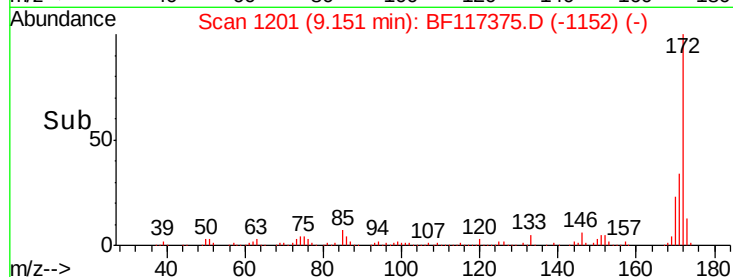
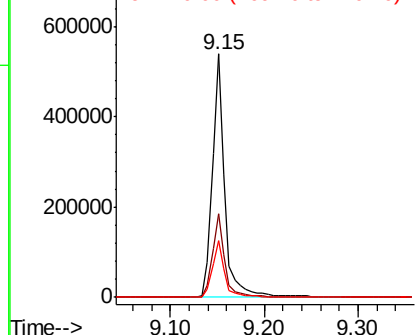
#45
2-Fluorobiphenyl
Concen: 80.567 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117375.D
Acq: 12 Oct 2019 18:22

Instrument :
BNA_F
ClientSampleId :
10-10-I

Tot Ion:172 Resp: 506115
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.3 18.9 28.3

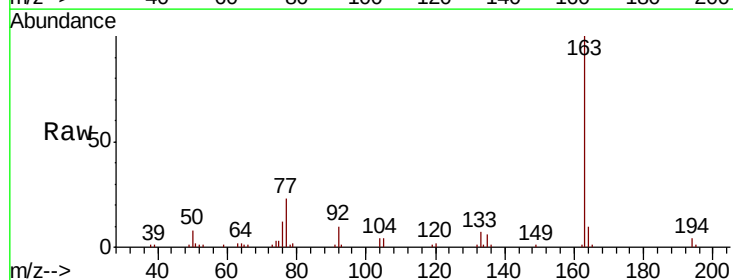


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

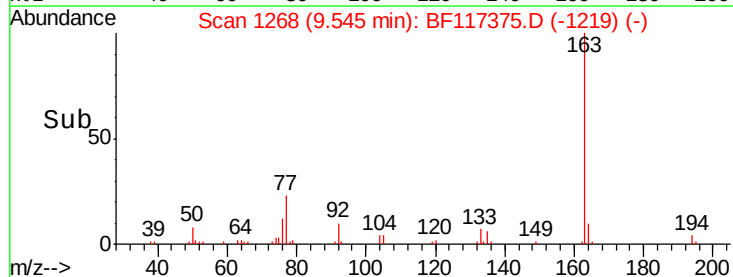
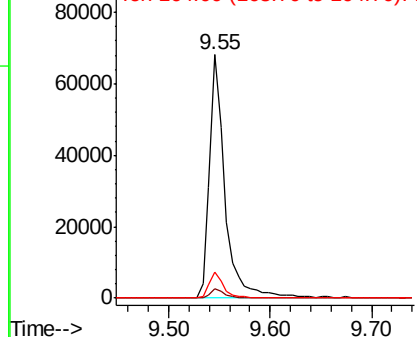


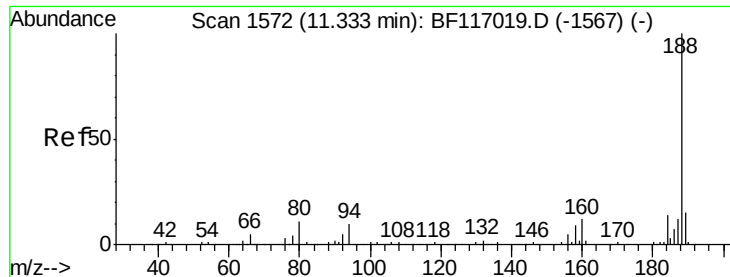
#50
Dimethylphthalate
Concen: 10.395 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117375.D
Acq: 12 Oct 2019 18:22

Tgt Ion:163 Resp: 72296
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.5 8.2 12.4



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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

Instrument :

BNA_F

ClientSampleId :

10-10-I

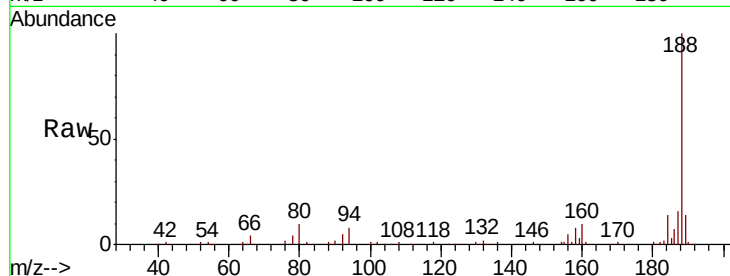
Tot Ion:188 Resp: 167275

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

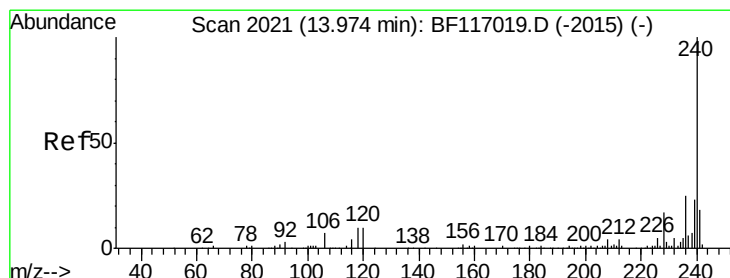
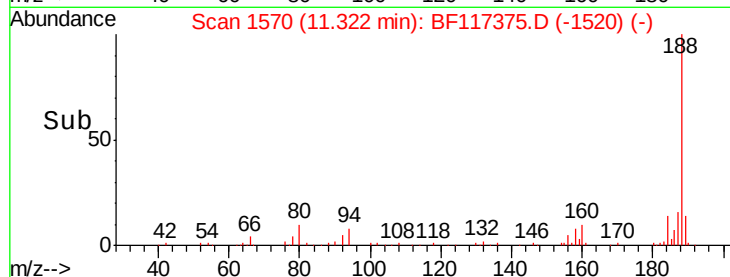
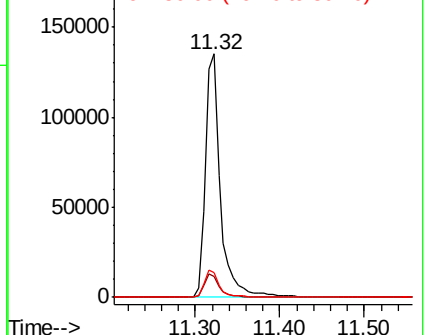
80 9.9 9.0 13.6



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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

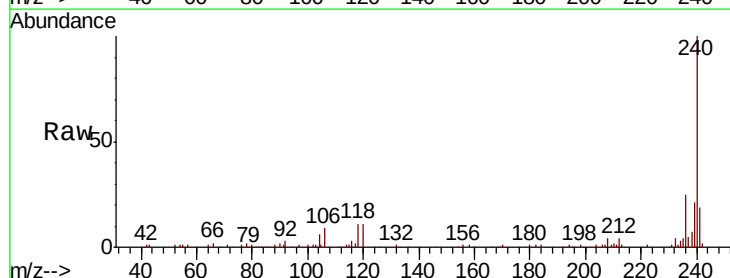
Tgt Ion:240 Resp: 131443

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

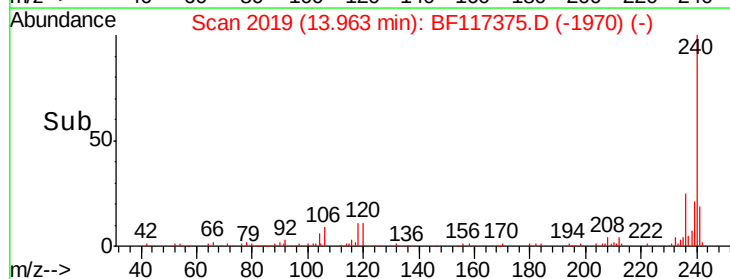
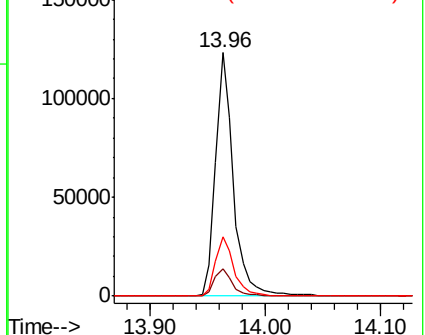
236 24.5 20.3 30.5

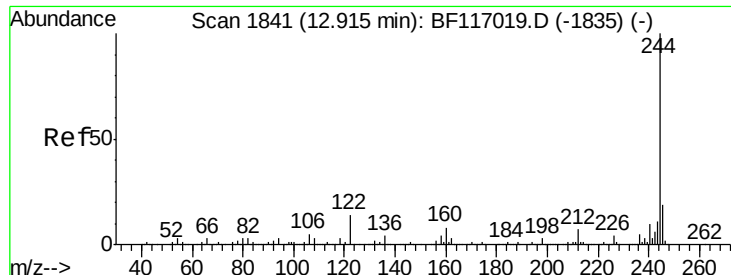


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.094 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

Instrument :

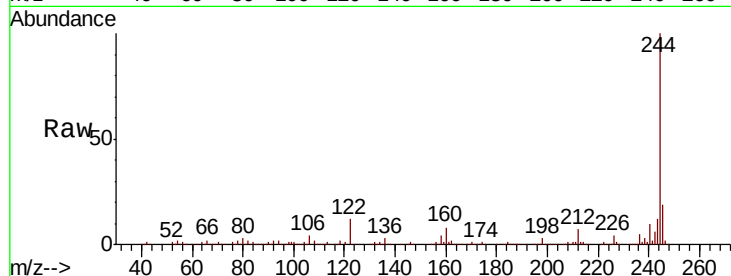
BNA_F

ClientSampleId :

10-10-I

Tot Ion:244 Resp: 528057

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.0	11.3	16.9

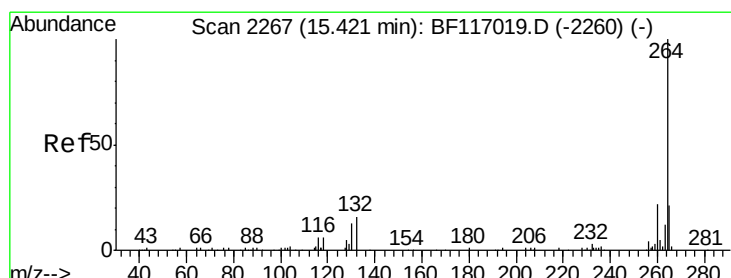
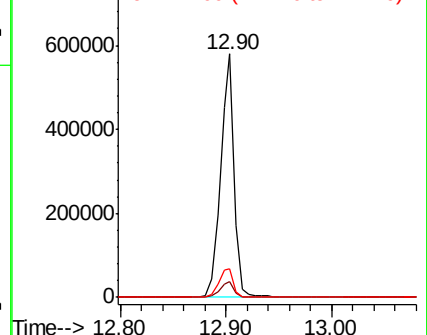
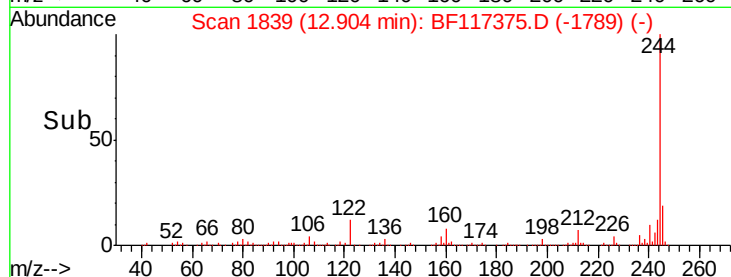


Abundance

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: 15.42 min Scan# 2266

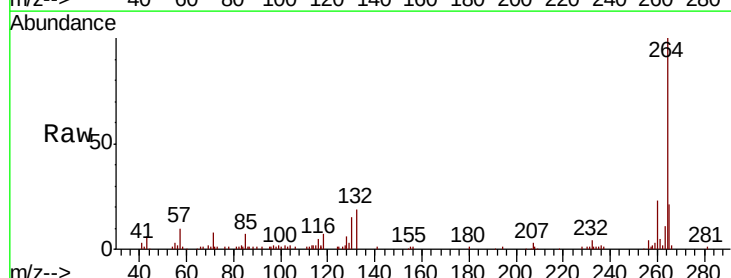
Delta R.T. -0.01 min

Lab File: BF117375.D

Acq: 12 Oct 2019 18:22

Tgt Ion:264 Resp: 123923

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	21.4	16.6	24.8



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

