

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117811.D
 Acq On : 15 Nov 2019 19:03
 Operator : JU
 Sample : K5861-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-10

Quant Time: Nov 18 03:07:57 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

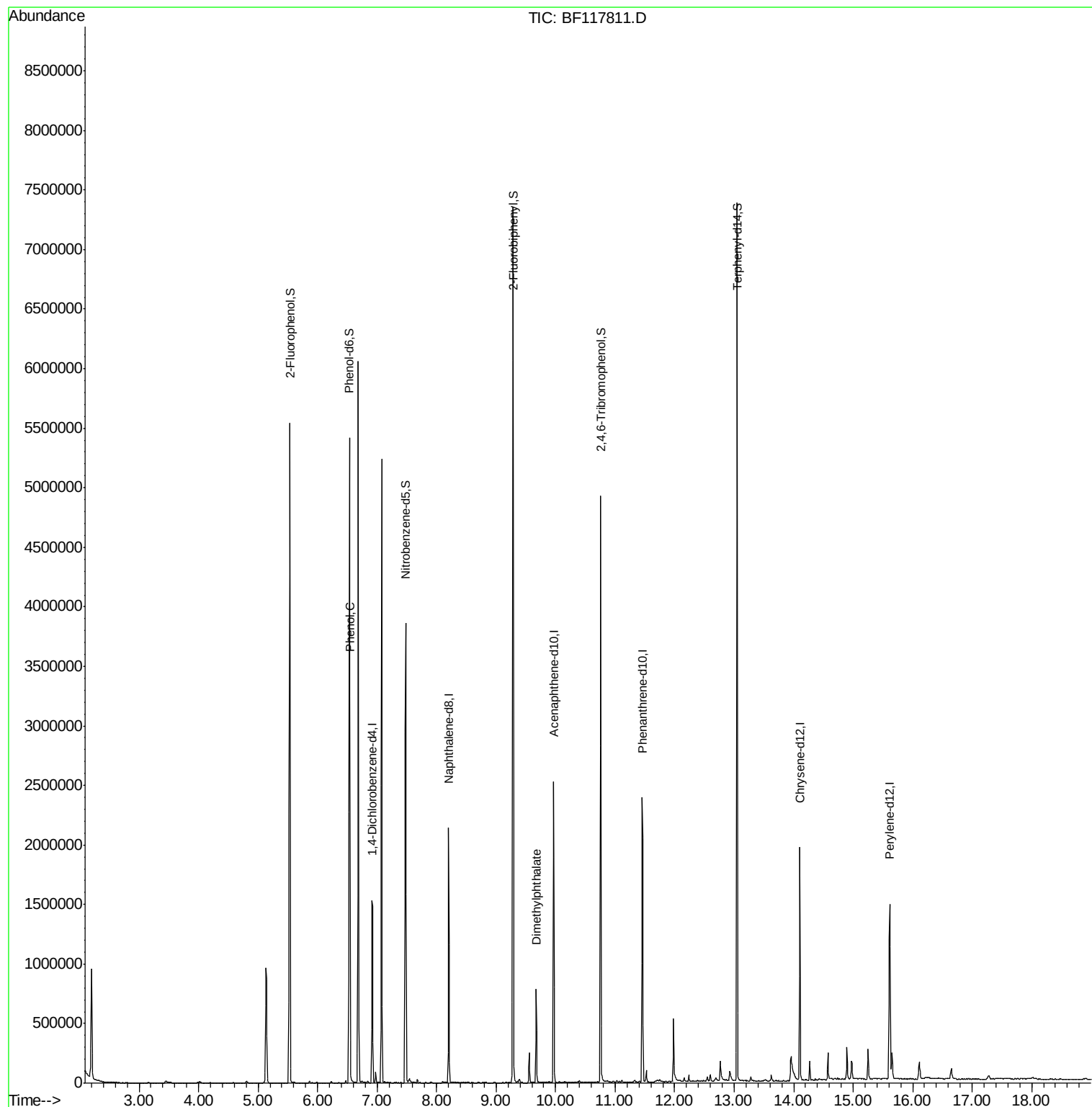
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	233730	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	895612	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	478715	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	899115	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	640046	20.00	ng	-0.01
87) Perylene-d12	15.62	264	703634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1597210	120.96	ng	0.00
7) Phenol-d6	6.54	99	1992837	125.13	ng	0.00
23) Nitrobenzene-d5	7.48	82	1236621	82.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	608525	120.07	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2282741	85.55	ng	0.00
79) Terphenyl-d14	13.05	244	2645660	75.55	ng	0.00
Target Compounds						
10) Phenol	6.55	94	51118	3.089	ng	96
50) Dimethylphthalate	9.67	163	284676	8.480	ng	98

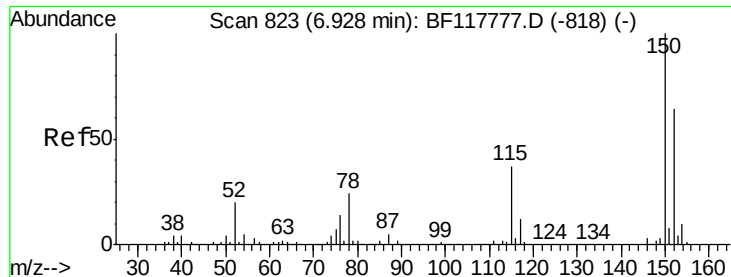
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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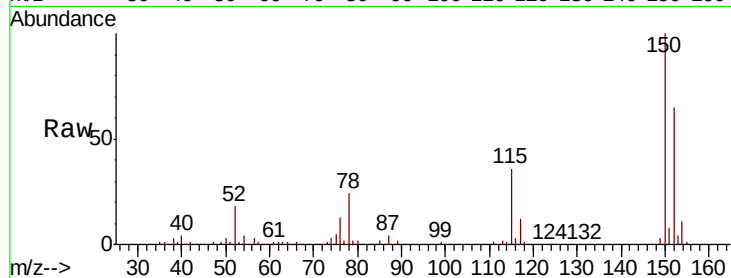


#1

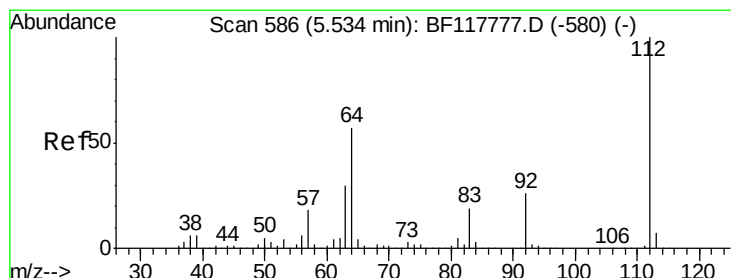
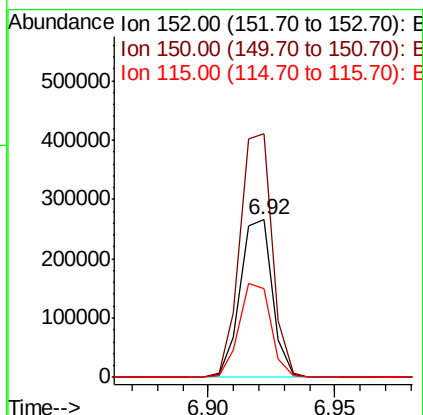
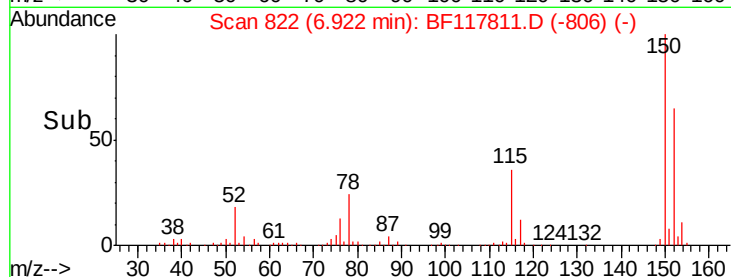
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
EP-10

Tot Ion:152 Resp: 233730
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 56.2 47.0 70.4



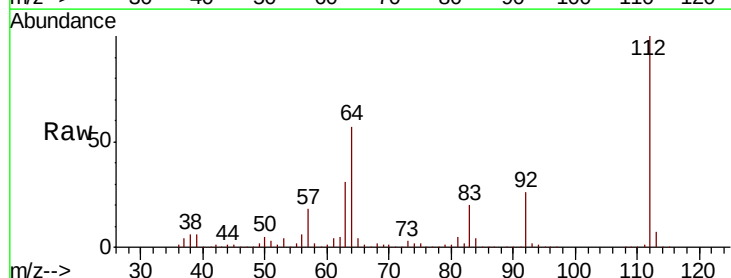
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



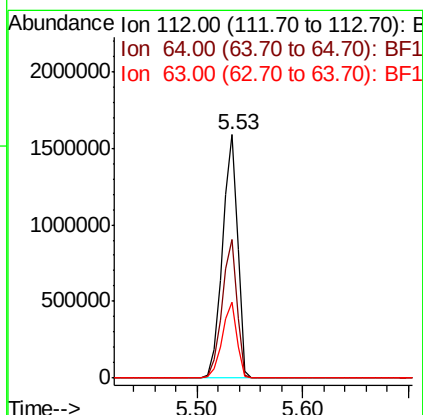
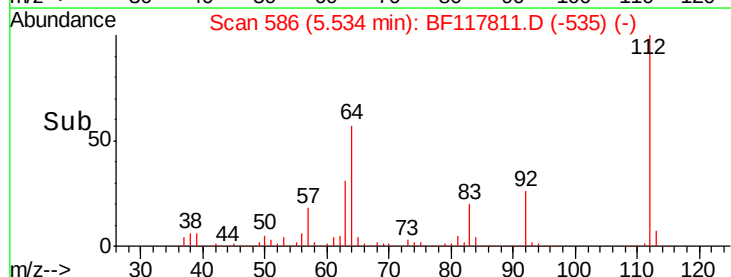
#5

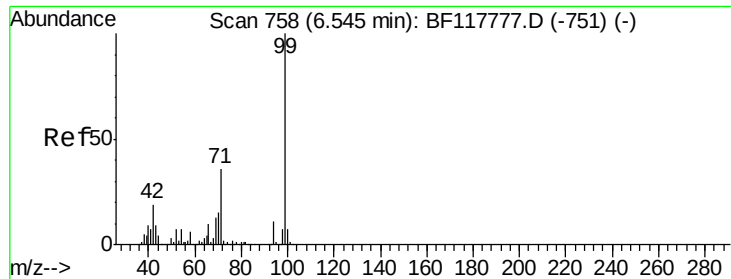
2-Fluorophenol
Concen: 120.961 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Tgt Ion:112 Resp: 1597210
Ion Ratio Lower Upper
112 100
64 57.1 45.6 68.4
63 31.1 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: 125.127 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117811.D

Acq: 15 Nov 2019 19:03

Instrument :

BNA_F

ClientSampled :

EP-10

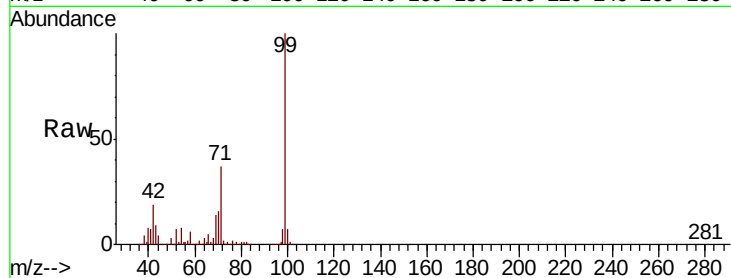
Tot Ion: 99 Resp: 1992837

Ion Ratio Lower Upper

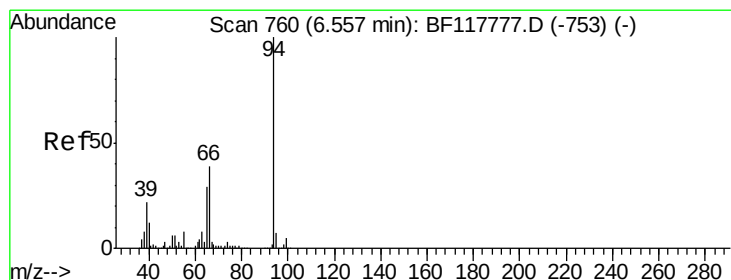
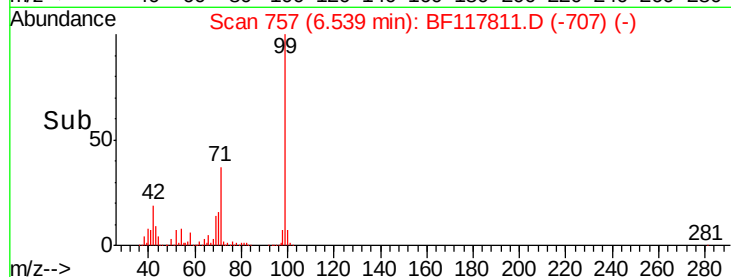
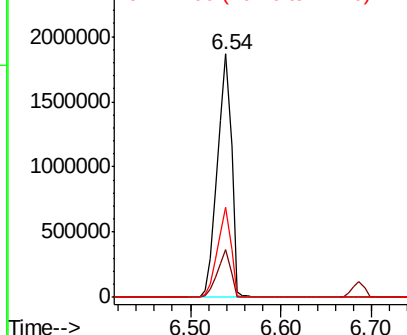
99 100

42 19.4 14.9 22.3

71 37.2 28.6 43.0



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: 3.089 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117811.D

Acq: 15 Nov 2019 19:03

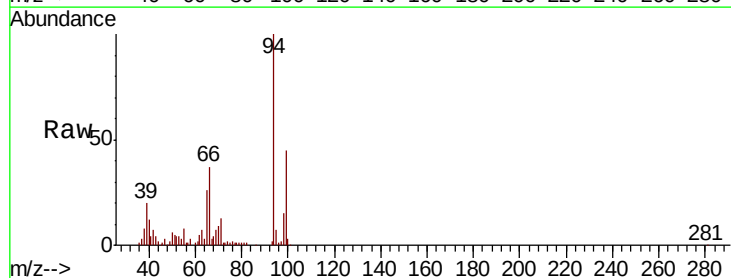
Tgt Ion: 94 Resp: 51118

Ion Ratio Lower Upper

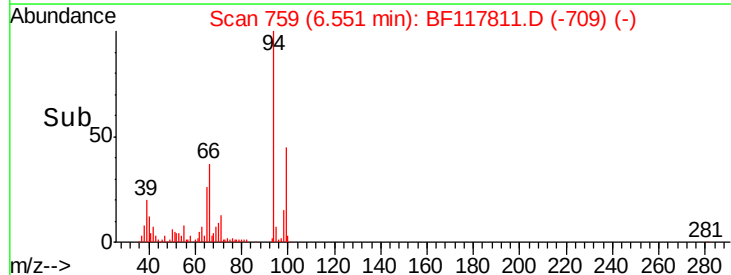
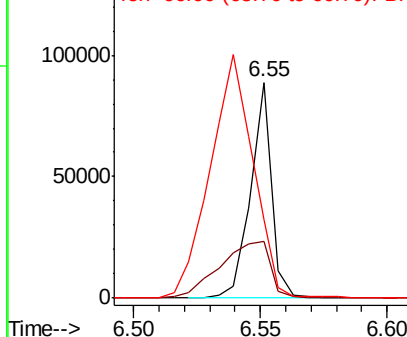
94 100

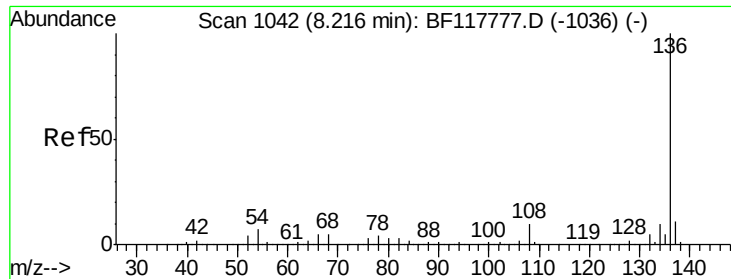
65 26.1 8.9 48.9

66 36.6 18.7 58.7



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

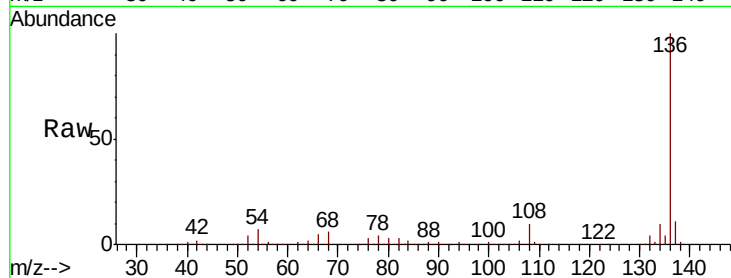




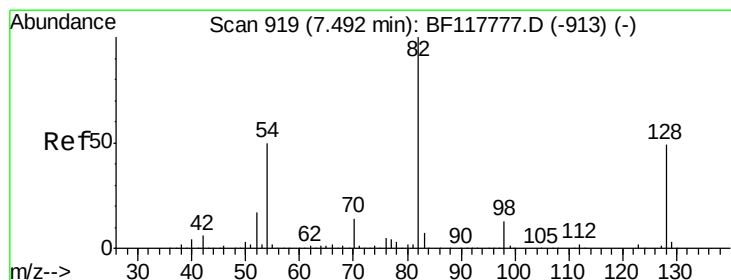
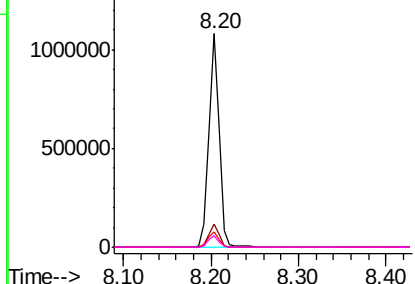
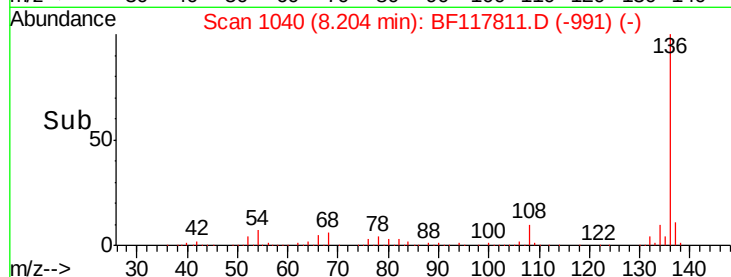
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
EP-10

Tot Ion:136	Resp:	895612
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	7.3	5.4 8.2
68	5.5	4.3 6.5

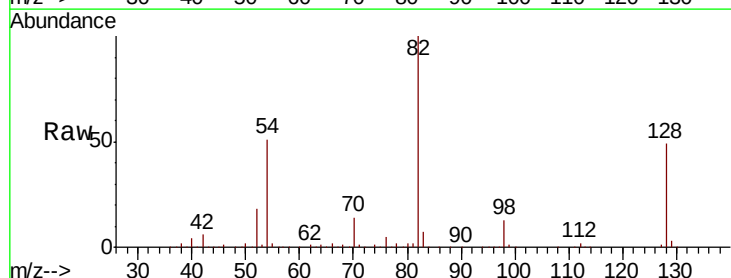


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

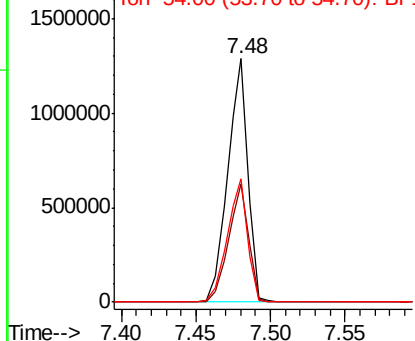
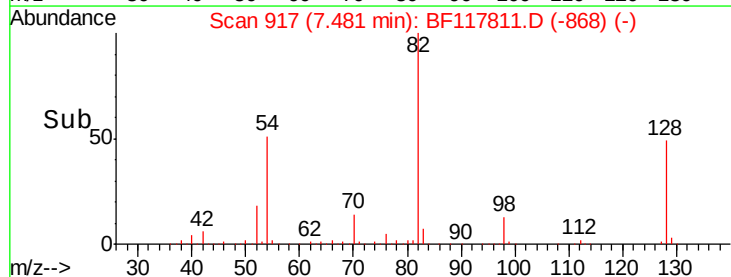


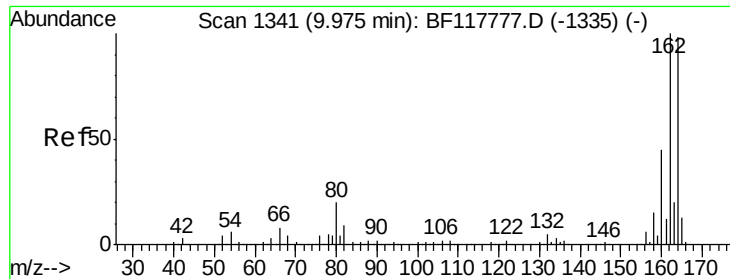
#23
Nitrobenzene-d5
Concen: 82.080 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Tgt Ion: 82	Resp:	1236621
Ion	Ratio	Lower Upper
82	100	
128	48.5	38.9 58.3
54	50.7	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

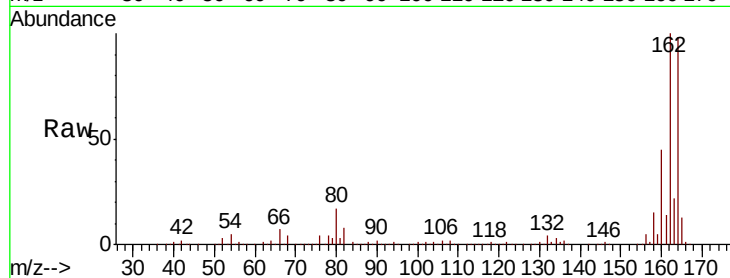




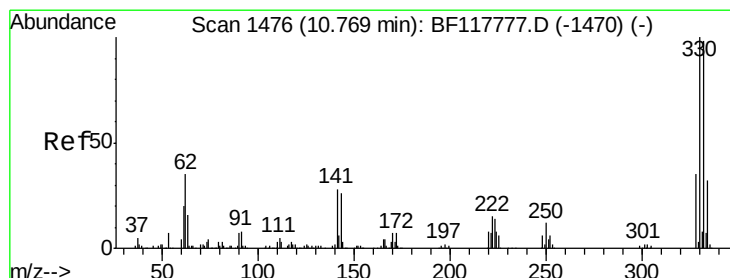
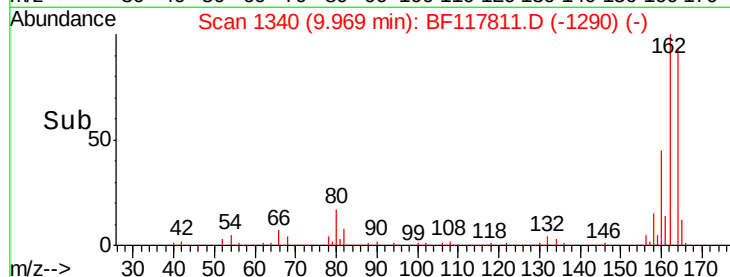
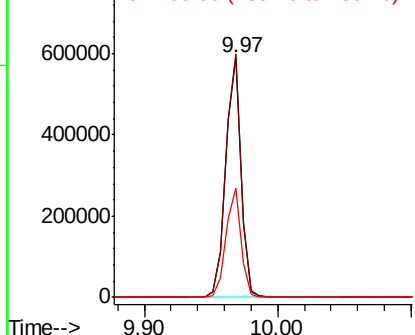
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
EP-10

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	45.7	36.6	55.0

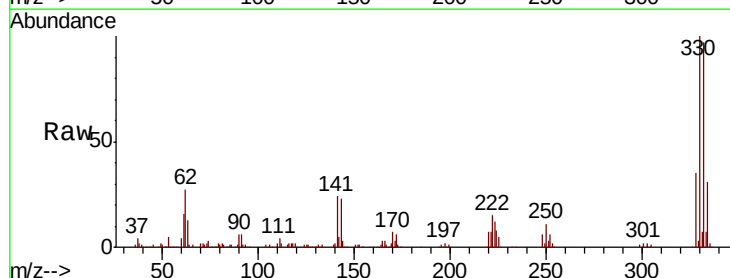


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

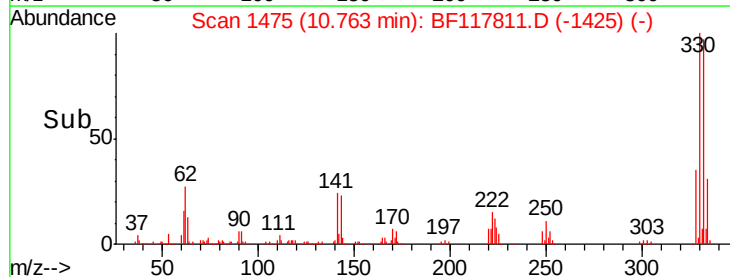
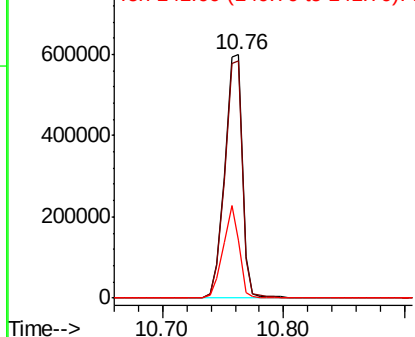


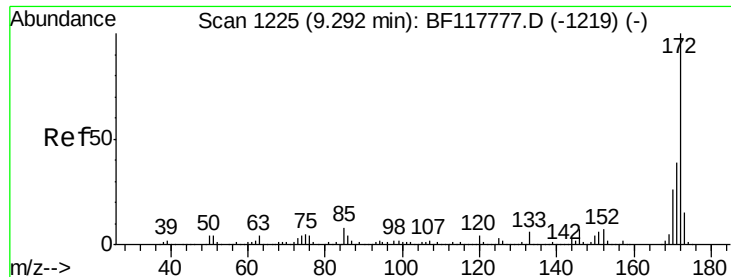
#42
2,4,6-Tribromophenol
Concen: 120.070 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	34.1	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

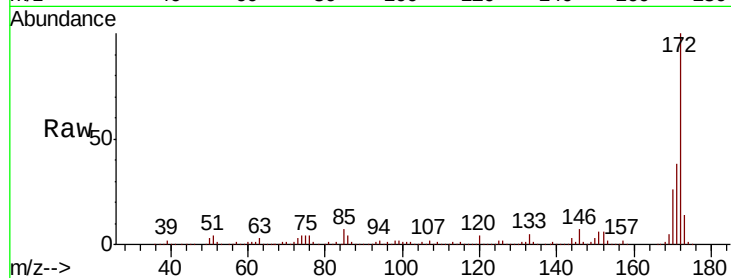




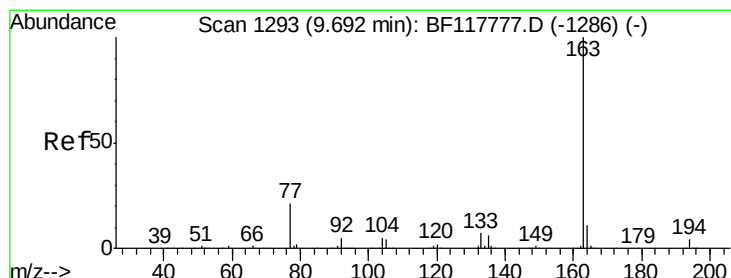
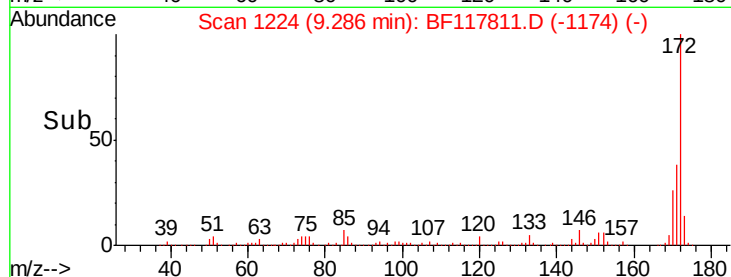
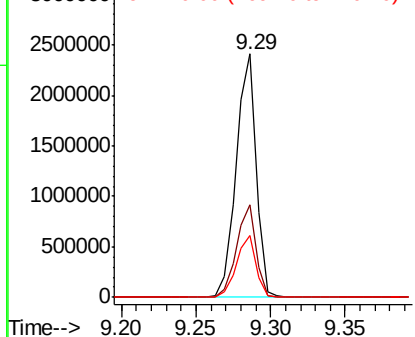
#45
2-Fluorobiphenyl
Concen: 85.548 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
EP-10

Tot Ion:172 Resp: 2282741
Ion Ratio Lower Upper
172 100
171 37.9 30.9 46.3
170 25.6 21.0 31.4

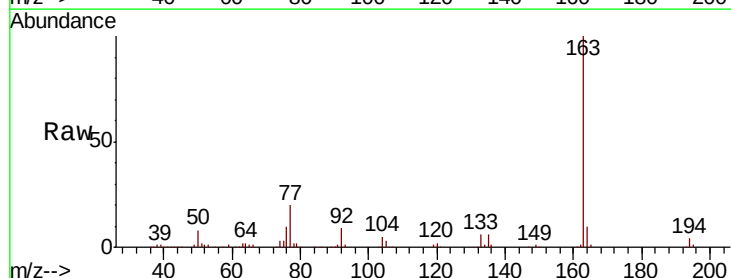


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

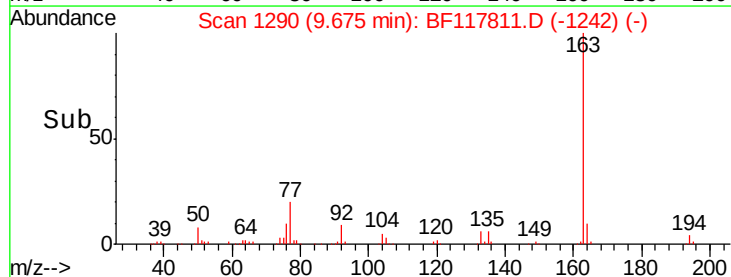
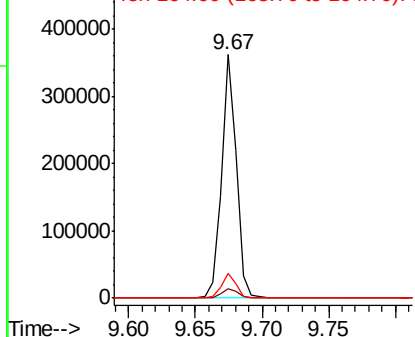


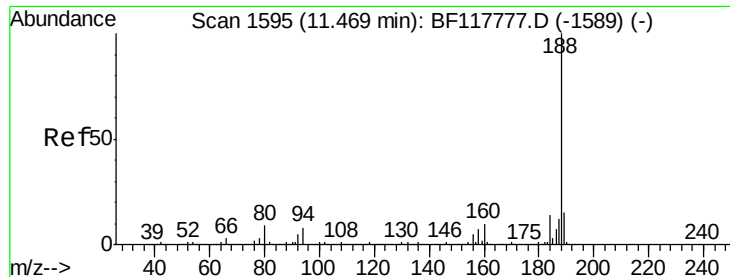
#50
Dimethylphthalate
Concen: 8.480 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117811.D
Acq: 15 Nov 2019 19:03

Tgt Ion:163 Resp: 284676
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117811.D

Acq: 15 Nov 2019 19:03

Instrument :

BNA_F

ClientSampled :

EP-10

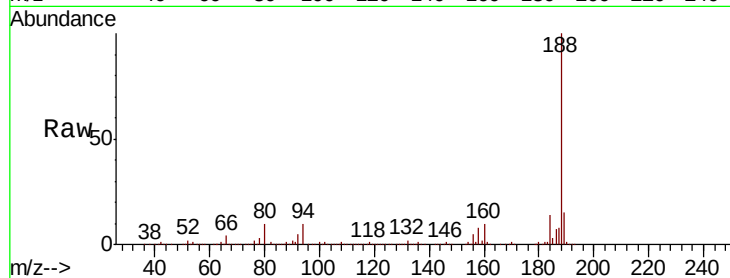
Tot Ion:188 Resp: 899115

Ion Ratio Lower Upper

188 100

94 9.7 6.6 10.0

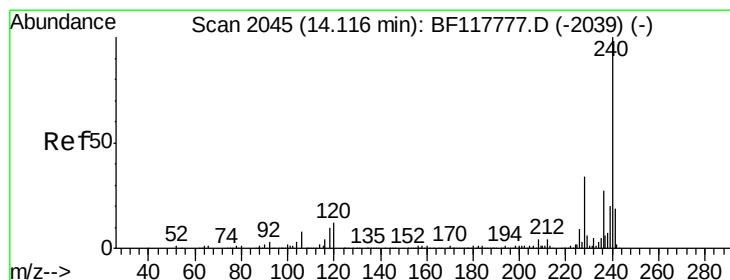
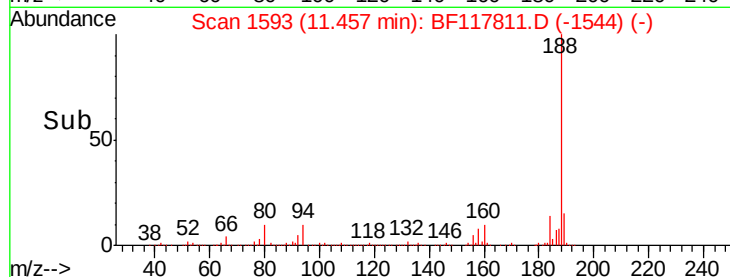
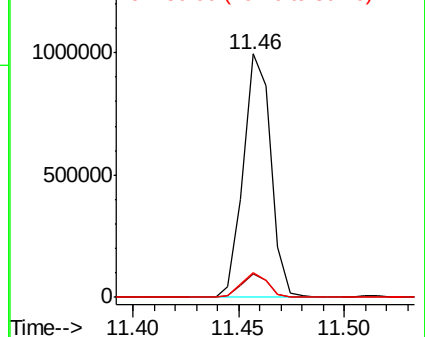
80 10.1 7.2 10.8



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117811.D

Acq: 15 Nov 2019 19:03

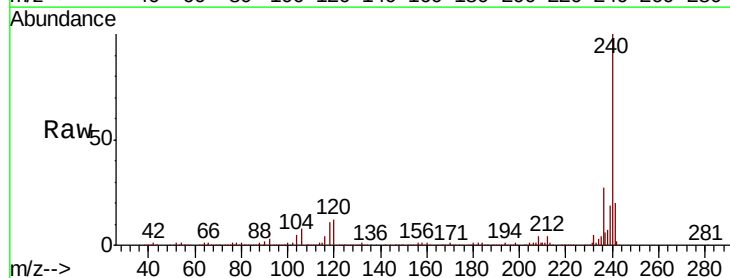
Tgt Ion:240 Resp: 640046

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

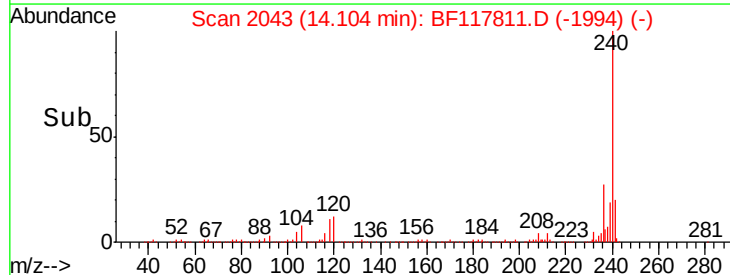
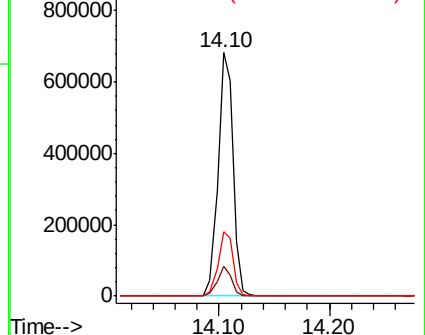
236 26.6 21.3 31.9

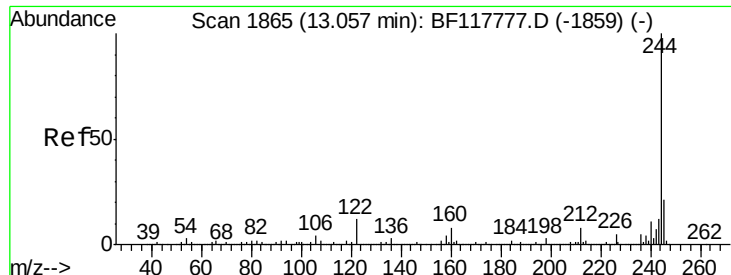


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.545 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117811.D

Acq: 15 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

EP-10

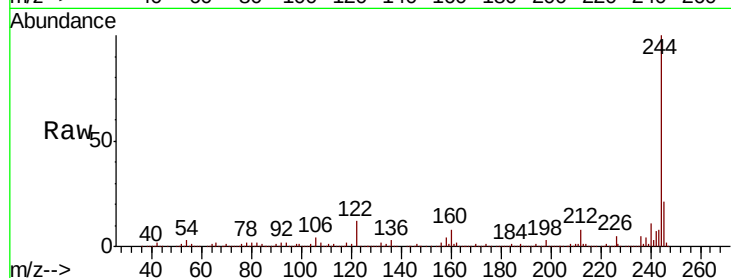
Tot Ion:244 Resp: 2645660

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

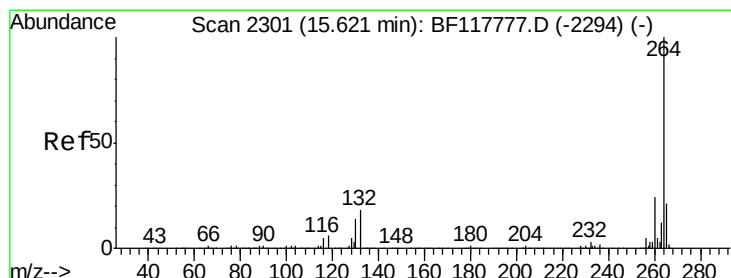
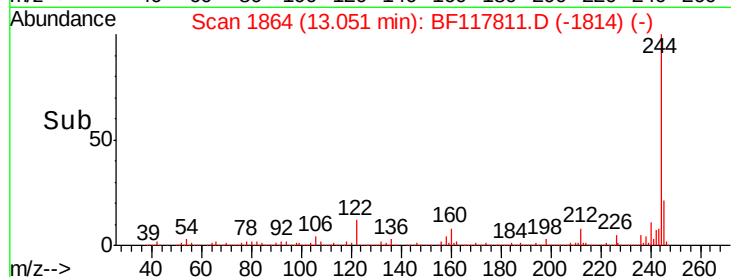
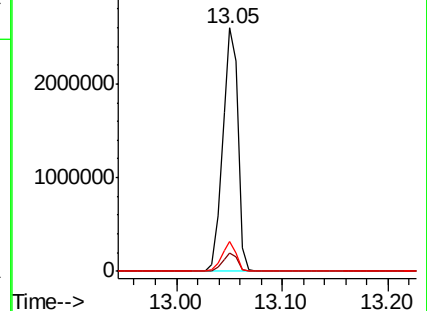
122 12.3 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117811.D

Acq: 15 Nov 2019 19:03

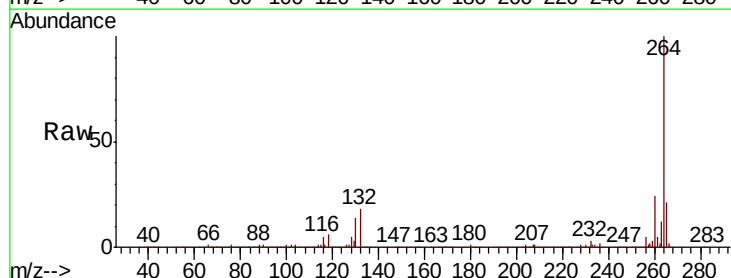
Tgt Ion:264 Resp: 703634

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 21.5 17.1 25.7



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

