

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117824.D
 Acq On : 16 Nov 2019 00:57
 Operator : JU
 Sample : K5861-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Quant Time: Nov 18 03:39:39 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

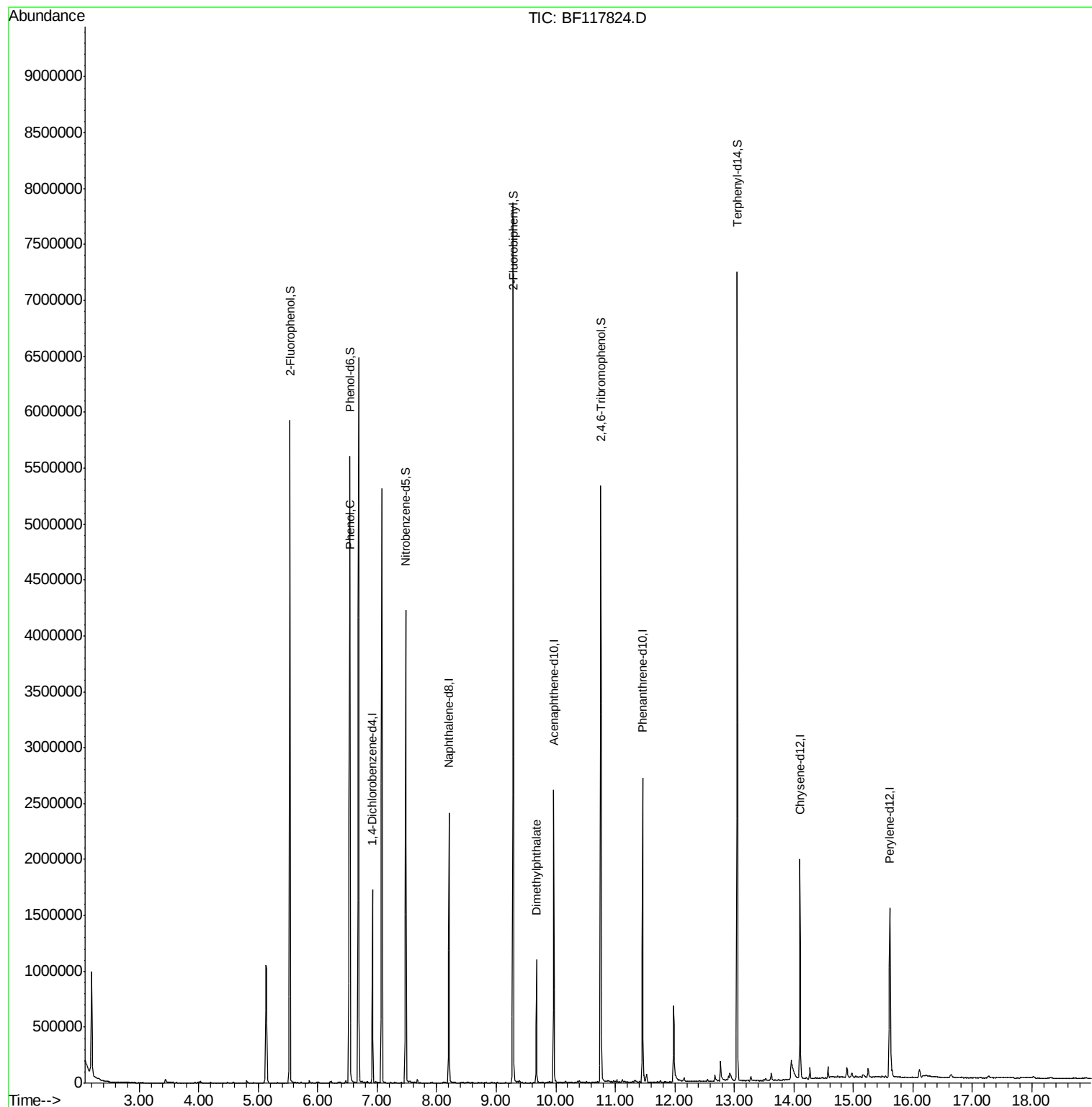
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	263163	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1015233	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	526293	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	965780	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	597133	20.00	ng	-0.01
87) Perylene-d12	15.61	264	713930	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1798013	120.94	ng	0.00
7) Phenol-d6	6.54	99	2213315	123.43	ng	0.00
23) Nitrobenzene-d5	7.48	82	1354819	79.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	653455	117.28	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2372380	80.87	ng	0.00
79) Terphenyl-d14	13.05	244	2479425	75.89	ng	0.00
Target Compounds						
10) Phenol	6.55	94	66932	3.592	ng	95
50) Dimethylphthalate	9.67	163	385246	10.439	ng	99

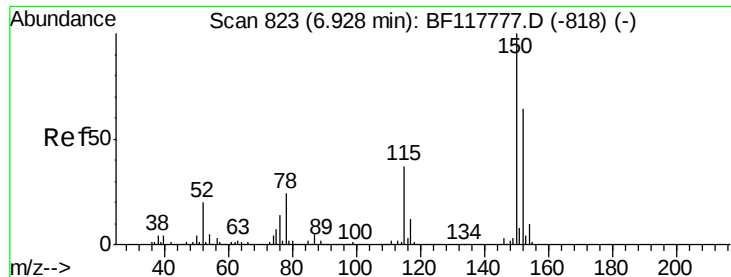
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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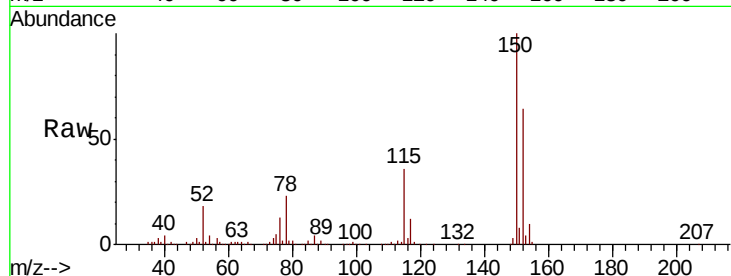


#1

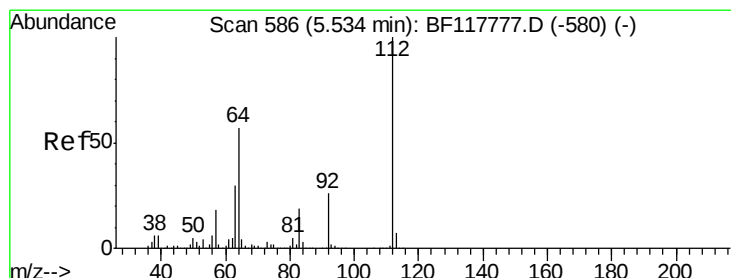
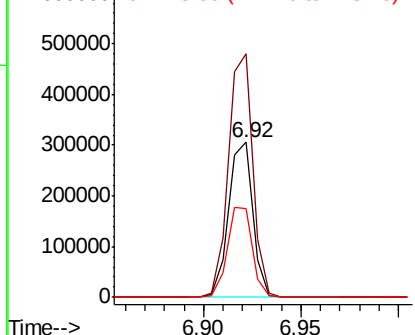
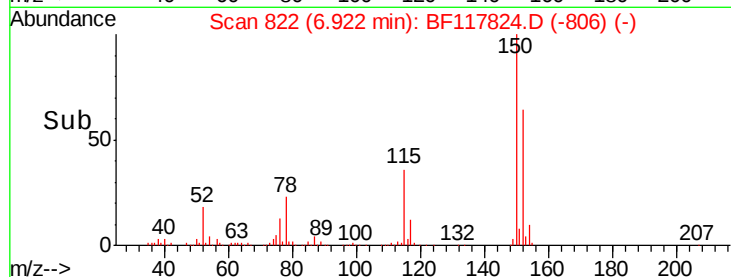
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :
EP-1

Tot Ion:152 Resp: 263163
Ion Ratio Lower Upper
152 100
150 157.2 125.3 187.9
115 57.1 47.0 70.4



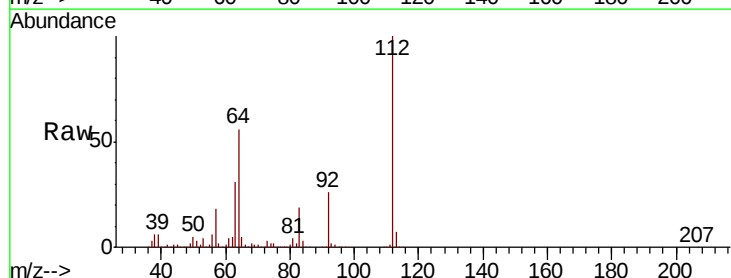
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



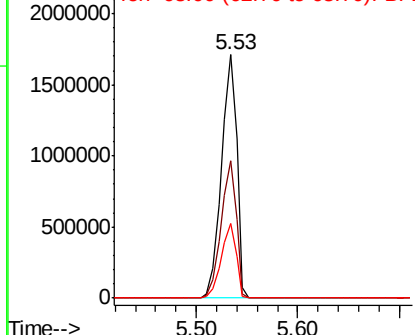
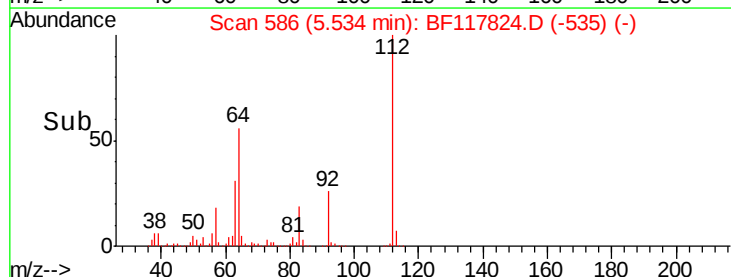
#5

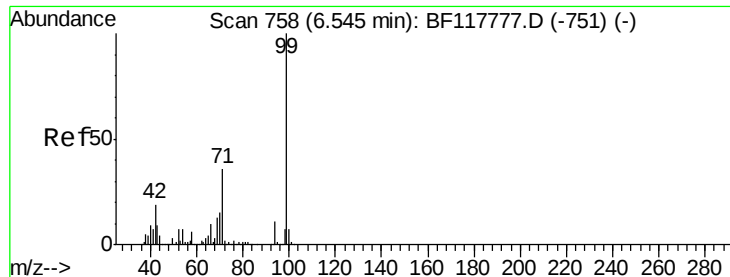
2-Fluorophenol
Concen: 120.939 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:112 Resp: 1798013
Ion Ratio Lower Upper
112 100
64 56.2 45.6 68.4
63 30.7 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: 123.428 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117824.D

Acq: 16 Nov 2019 00:57

Instrument :

BNA_F

ClientSampleId :

EP-1

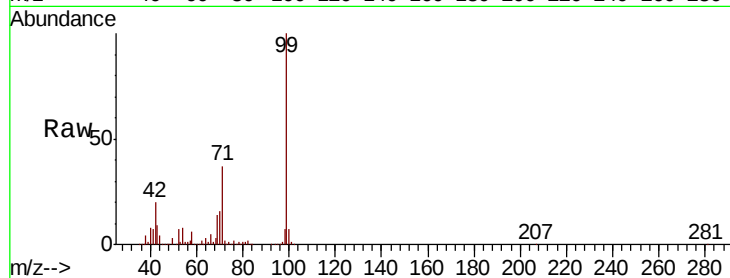
Tot Ion: 99 Resp: 2213315

Ion Ratio Lower Upper

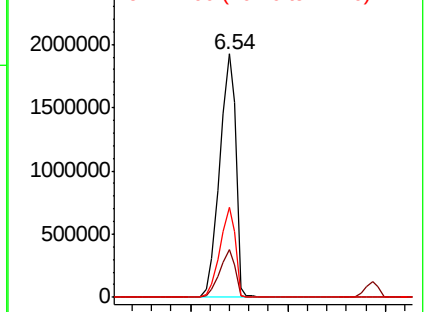
99 100

42 19.5 14.9 22.3

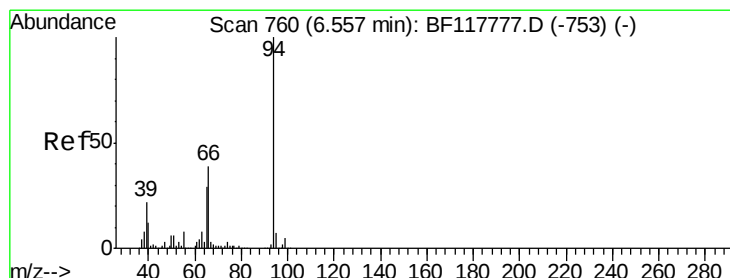
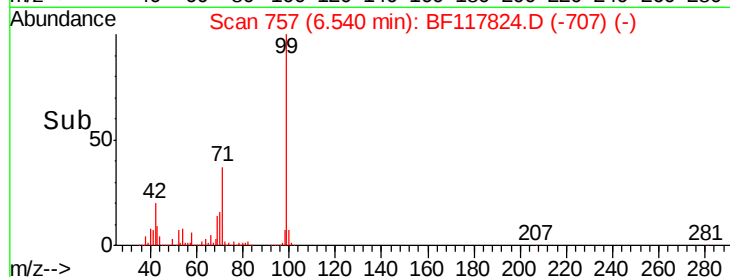
71 37.0 28.6 43.0



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



Time-->



#10

Phenol

Concen: 3.592 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117824.D

Acq: 16 Nov 2019 00:57

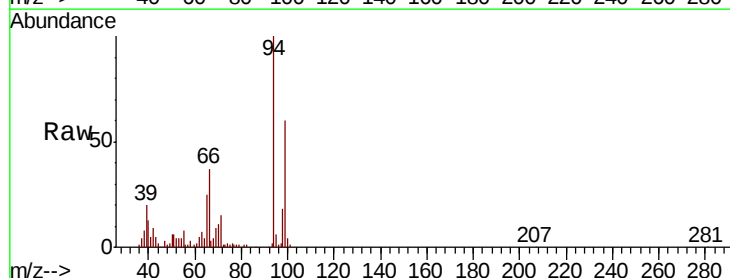
Tgt Ion: 94 Resp: 66932

Ion Ratio Lower Upper

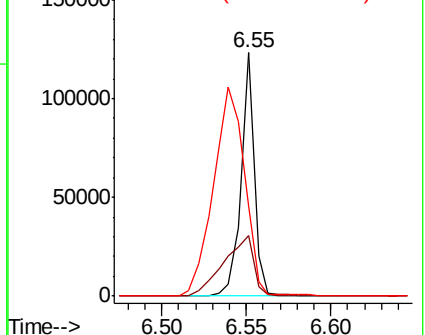
94 100

65 24.7 8.9 48.9

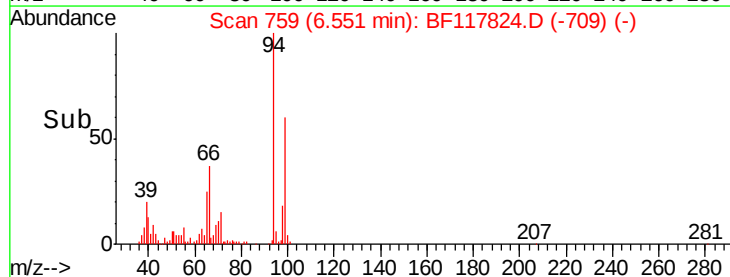
66 36.8 18.7 58.7

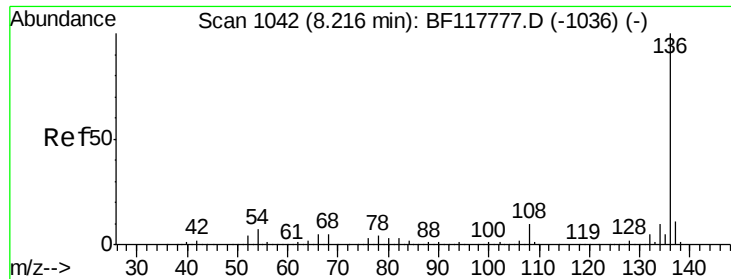


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

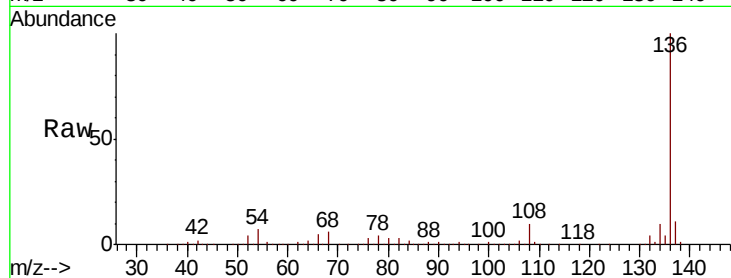




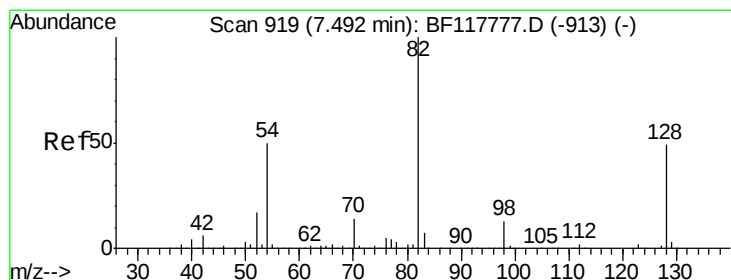
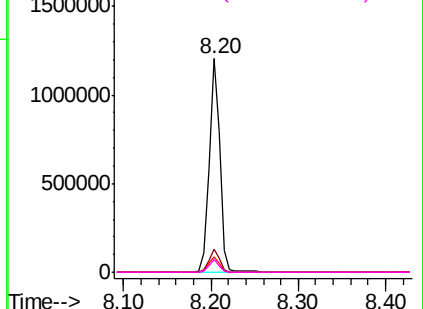
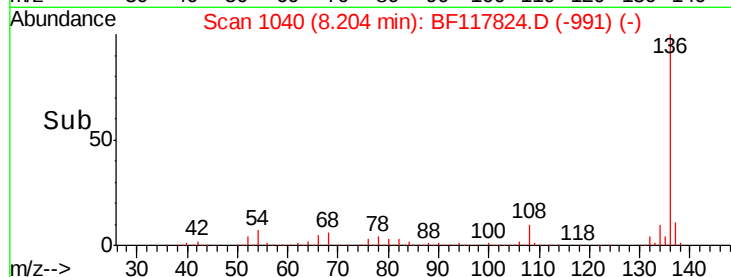
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :
EP-1

Tot Ion:136 Resp: 1015233
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.4 5.4 8.2
68 5.9 4.3 6.5

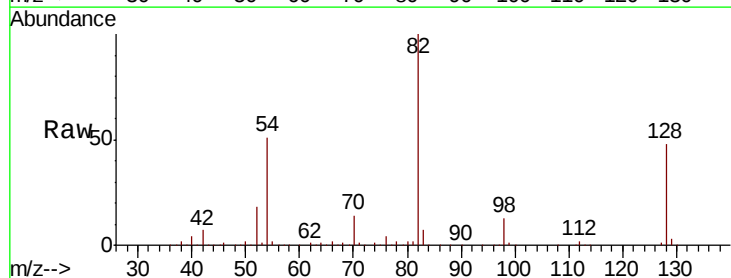


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

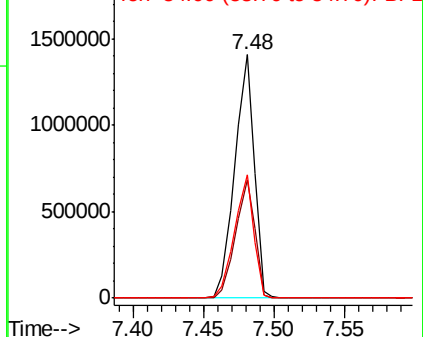
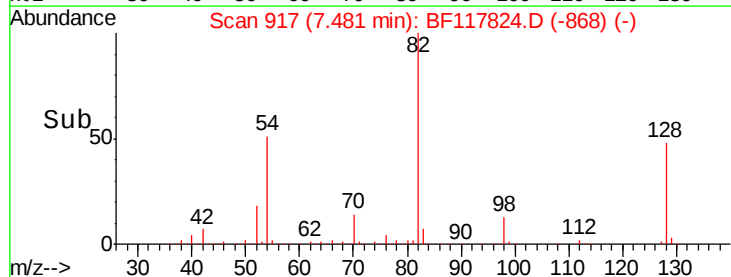


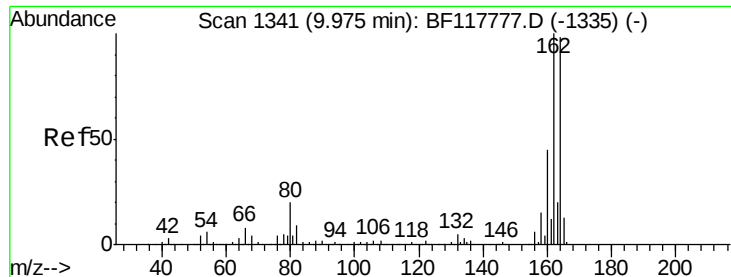
#23
Nitrobenzene-d5
Concen: 79.330 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion: 82 Resp: 1354819
Ion Ratio Lower Upper
82 100
128 48.4 38.9 58.3
54 50.6 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

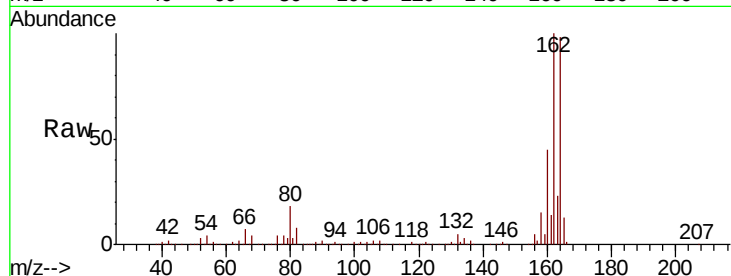




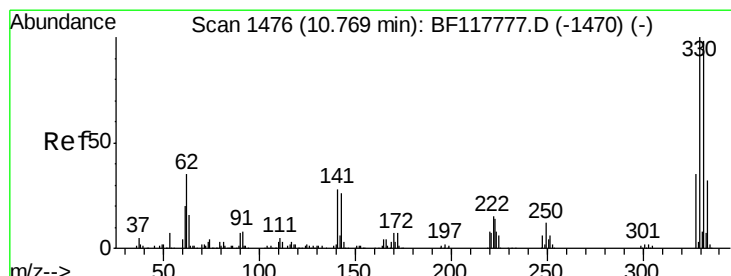
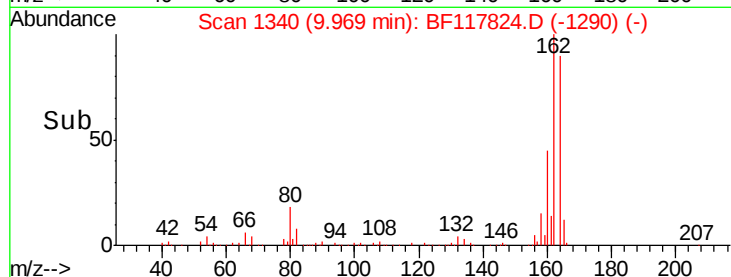
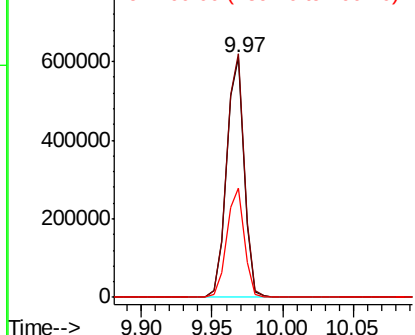
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampled :
EP-1

Tot Ion:164 Resp: 526293
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.5 36.6 55.0

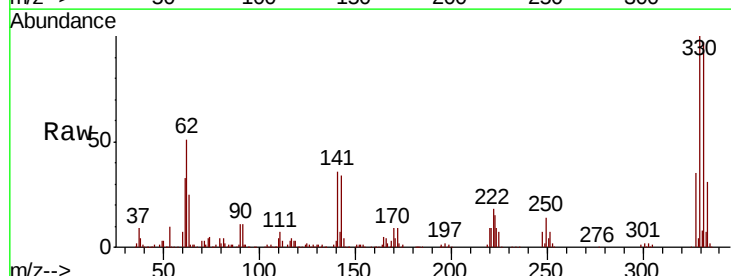


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

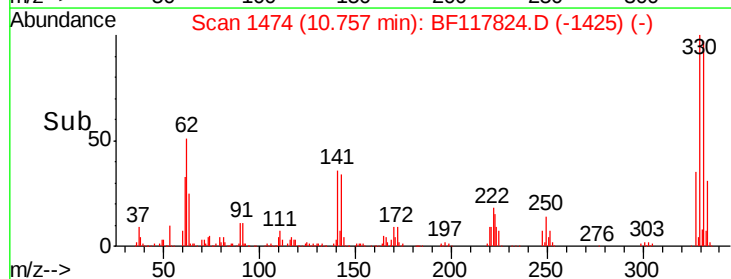
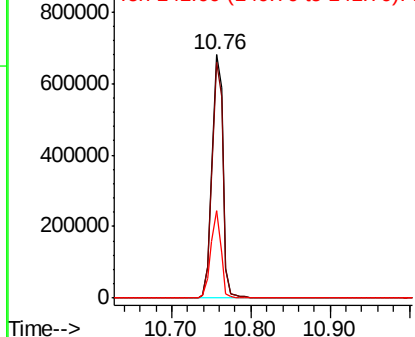


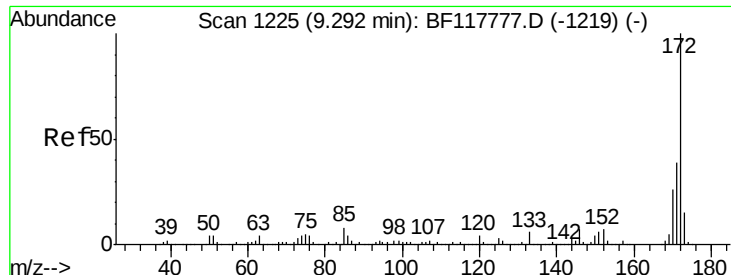
#42
2,4,6-Tribromophenol
Concen: 117.279 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:330 Resp: 653455
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 33.5 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

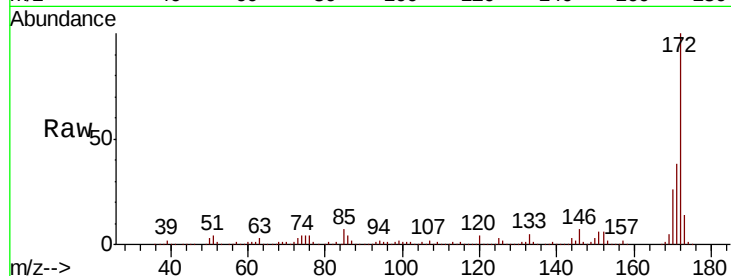




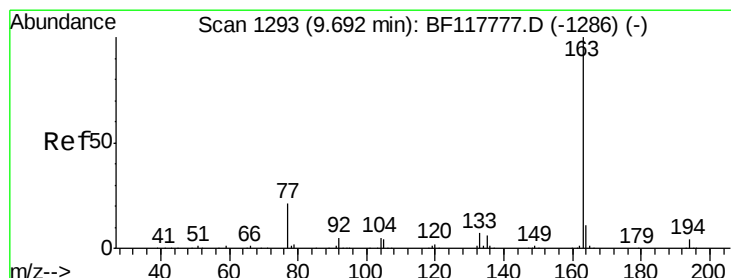
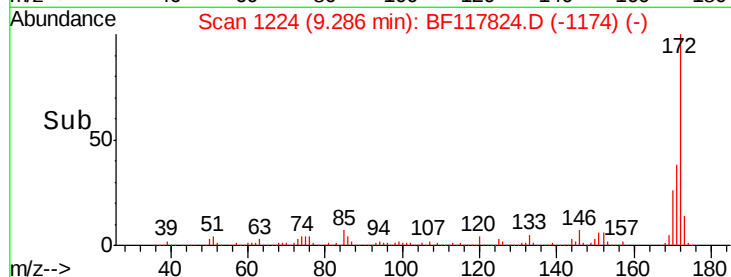
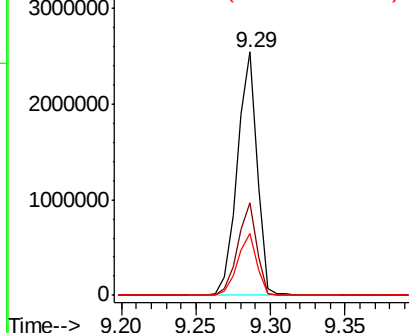
#45
2-Fluorobiphenyl
Concen: 80.870 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :
EP-1

Tot Ion:172 Resp: 2372380
Ion Ratio Lower Upper
172 100
171 38.2 30.9 46.3
170 25.5 21.0 31.4

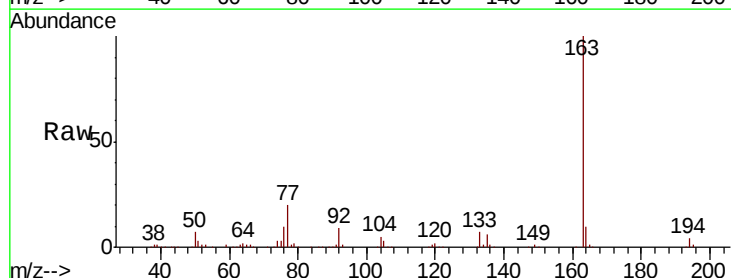


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

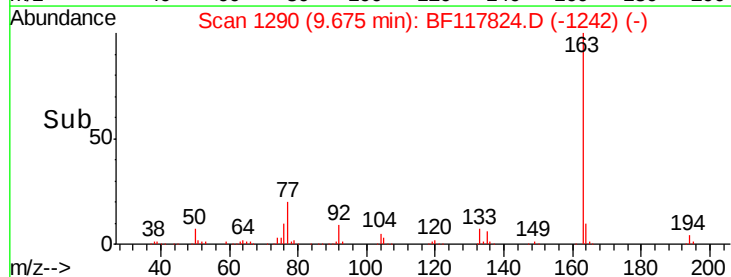
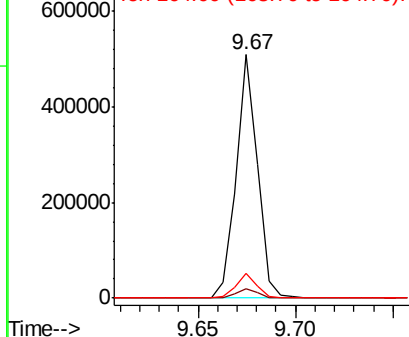


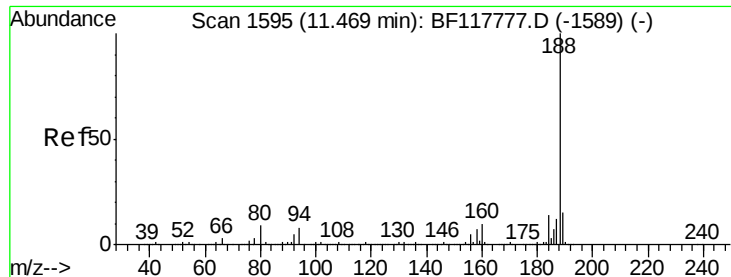
#50
Dimethylphthalate
Concen: 10.439 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:163 Resp: 385246
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 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: BF117824.D

Acq: 16 Nov 2019 00:57

Instrument :

BNA_F

ClientSampled :

EP-1

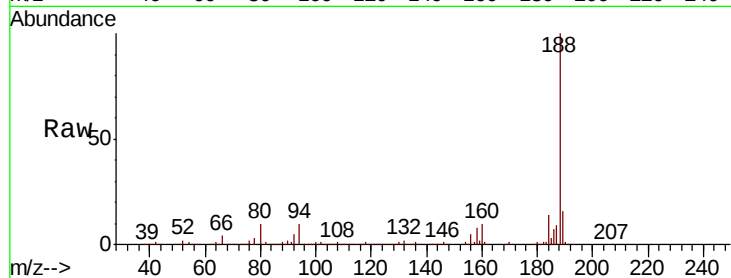
Tot Ion:188 Resp: 965780

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

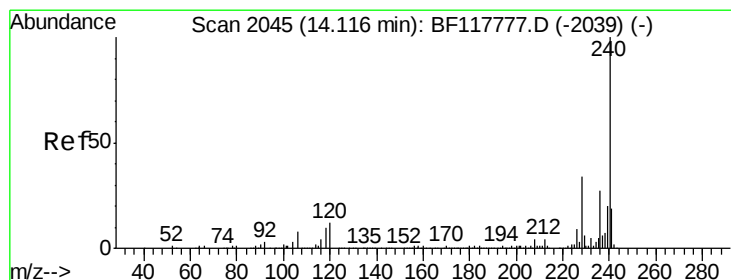
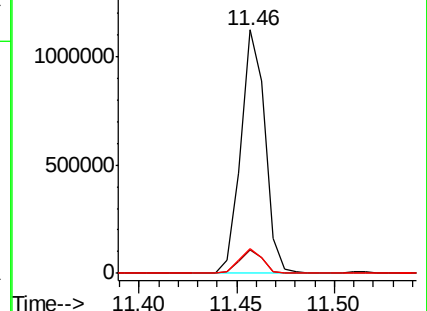
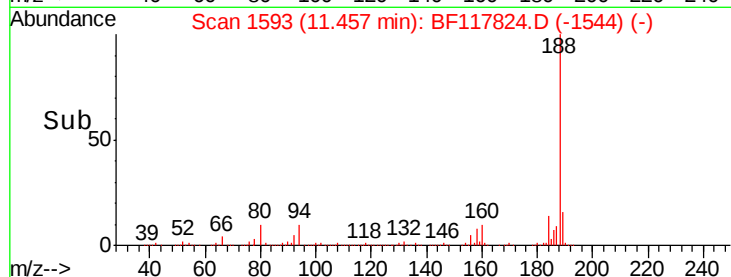
80 10.3 7.2 10.8



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: BF117824.D

Acq: 16 Nov 2019 00:57

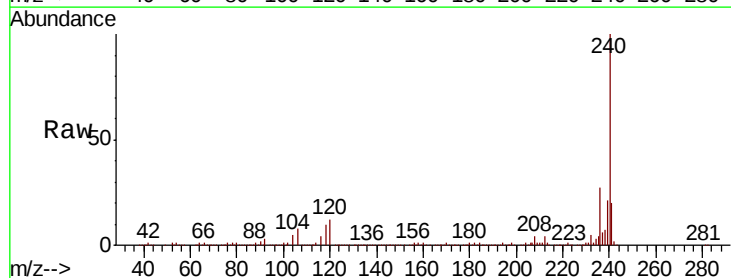
Tgt Ion:240 Resp: 597133

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

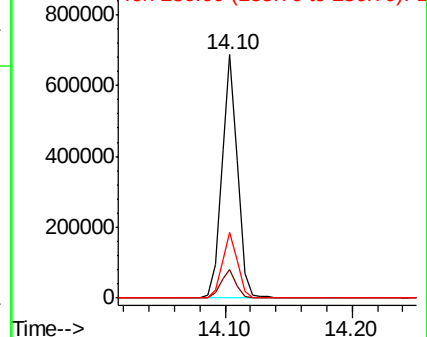
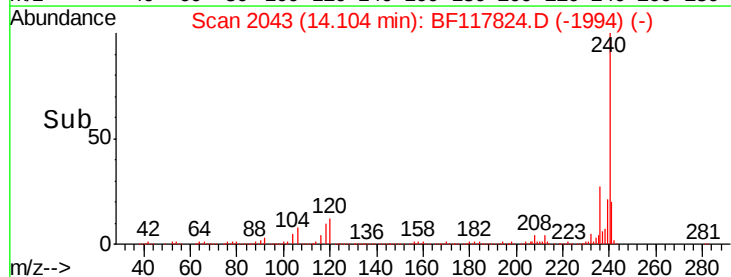
236 27.0 21.3 31.9

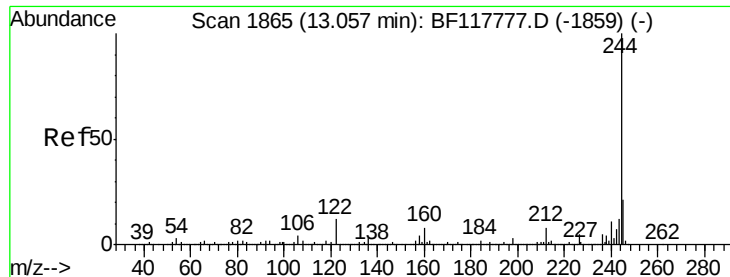


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.886 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117824.D

Acq: 16 Nov 2019 00:57

Instrument :

BNA_F

ClientSampleId :

EP-1

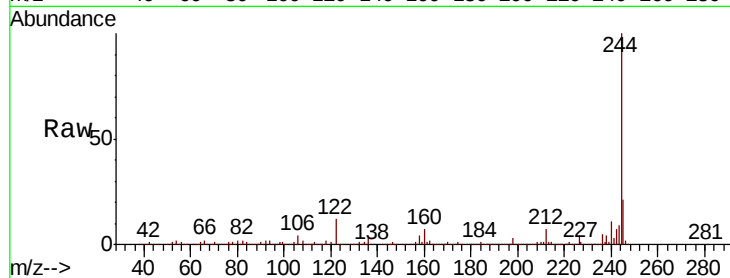
Tot Ion:244 Resp: 2479425

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

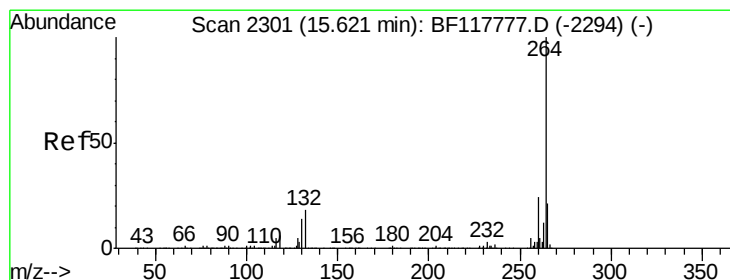
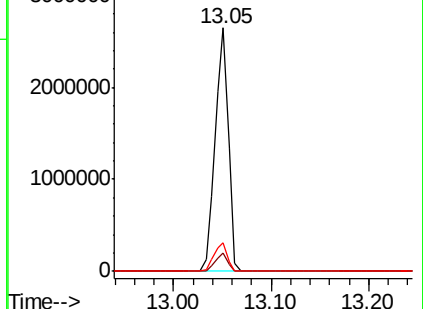
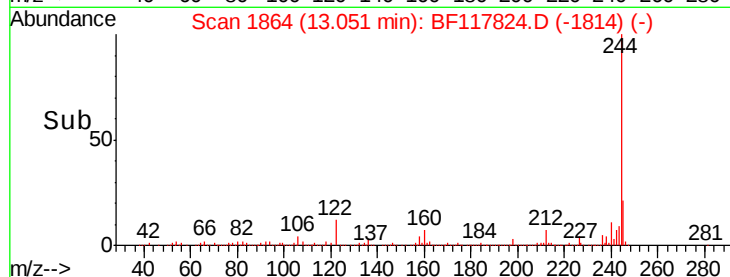
122 11.5 9.4 14.2



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: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117824.D

Acq: 16 Nov 2019 00:57

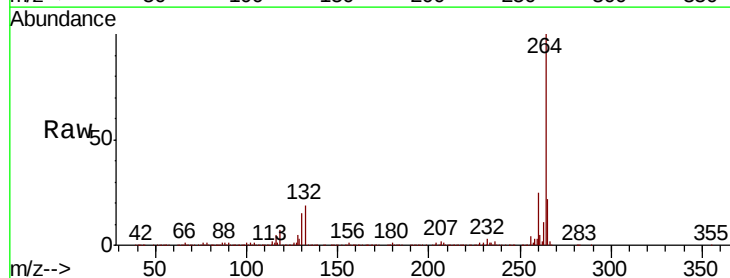
Tgt Ion:264 Resp: 713930

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 21.8 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

