

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001048.D
 Acq On : 15 Nov 2019 19:25
 Operator : JU
 Sample : K5832-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 9-(2-4)

Quant Time: Nov 16 04:11:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

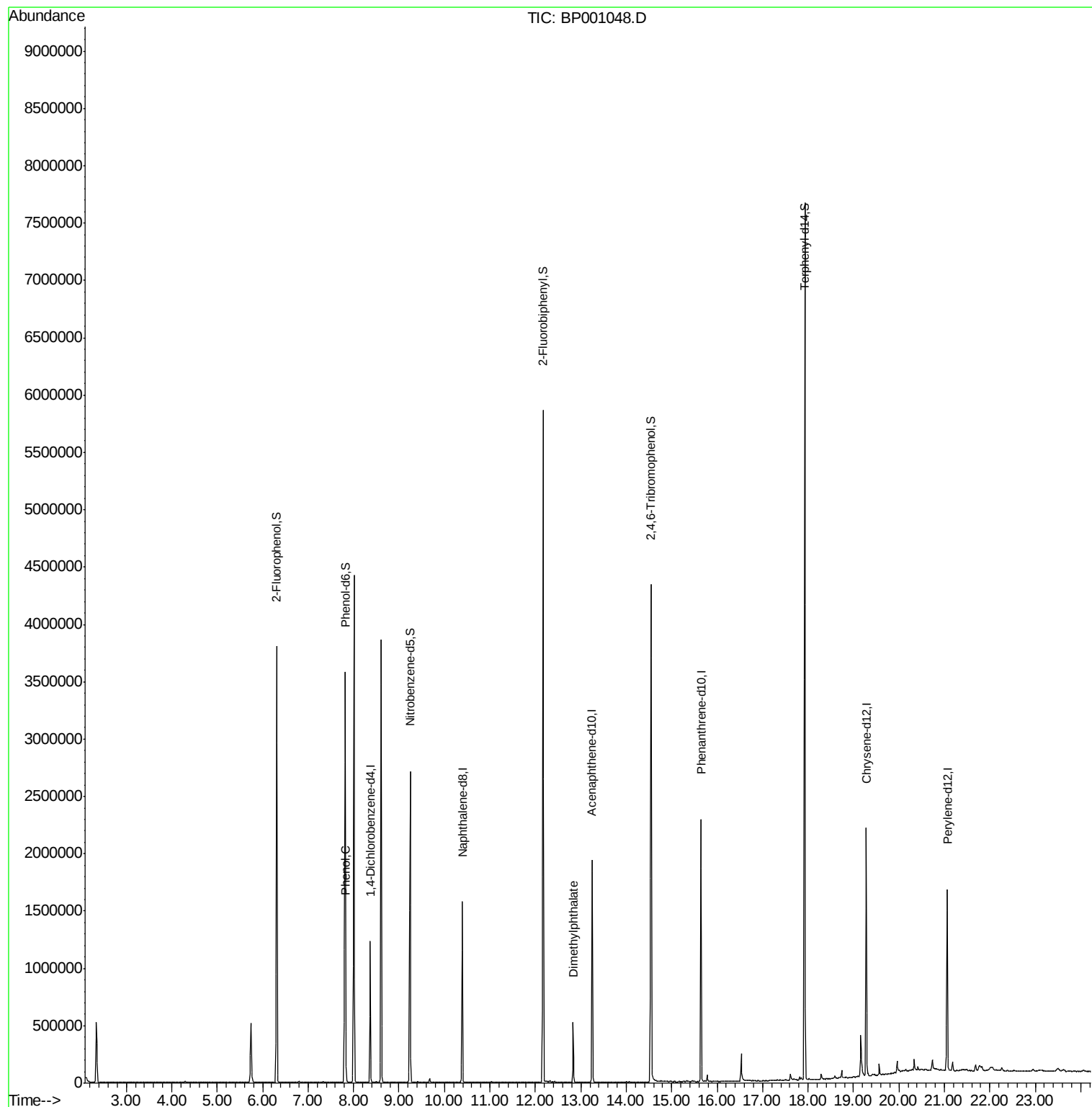
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	240456	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	898728	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	543725	20.00	ng	-0.02
64) Phenanthrene-d10	15.64	188	1067343	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	818498	20.00	ng	-0.02
87) Perylene-d12	21.06	264	846836	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1416075	107.19	ng	0.01
7) Phenol-d6	7.82	99	1859901	111.33	ng	0.00
23) Nitrobenzene-d5	9.25	82	1168544	71.92	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	784229	120.82	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	2493045	69.06	ng	-0.01
79) Terphenyl-d14	17.93	244	3145242	76.44	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	108590	5.943	ng	95
50) Dimethylphthalate	12.83	163	277258	6.896	ng	99

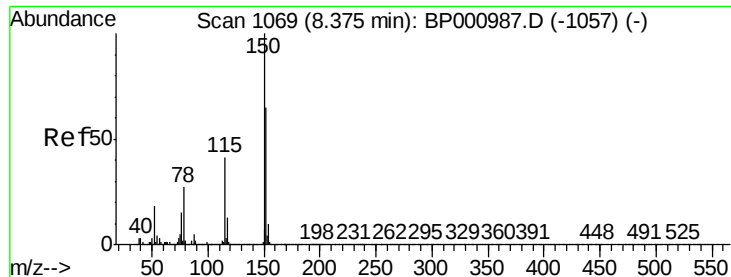
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

9-(2-4)

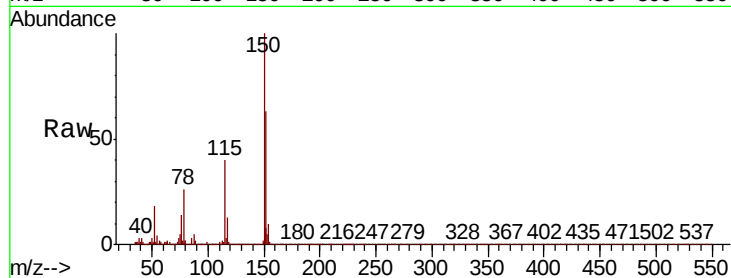
Tot Ion:152 Resp: 240456

Ion Ratio Lower Upper

152 100

150 157.9 123.6 185.4

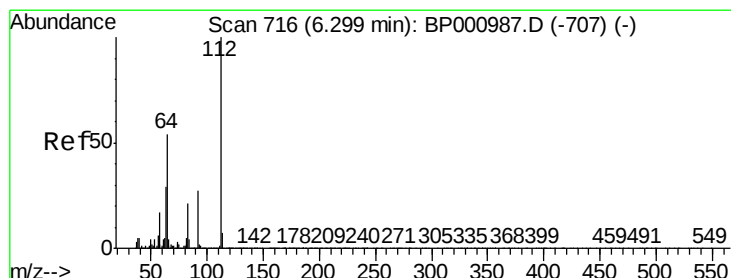
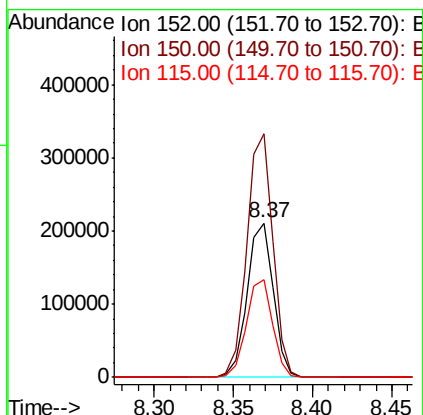
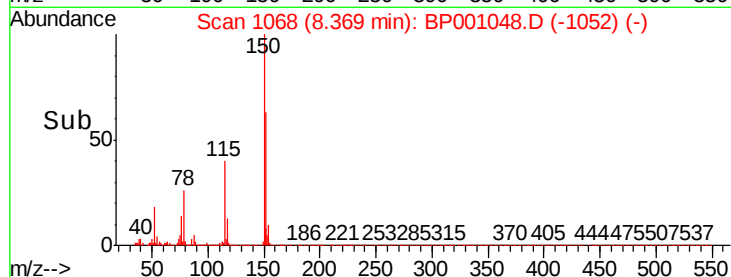
115 63.3 50.1 75.1



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: 107.192 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

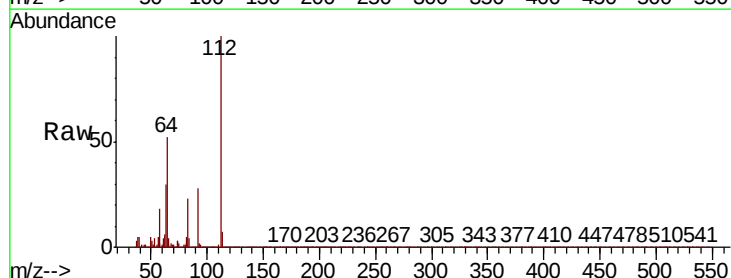
Tgt Ion:112 Resp: 1416075

Ion Ratio Lower Upper

112 100

64 52.2 43.4 65.0

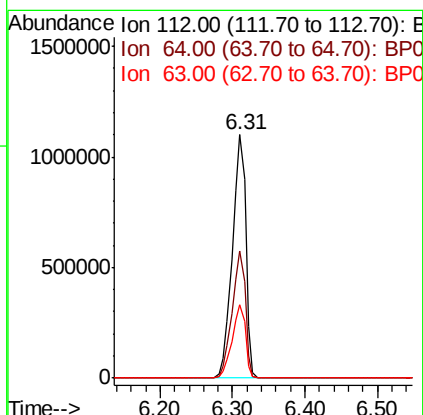
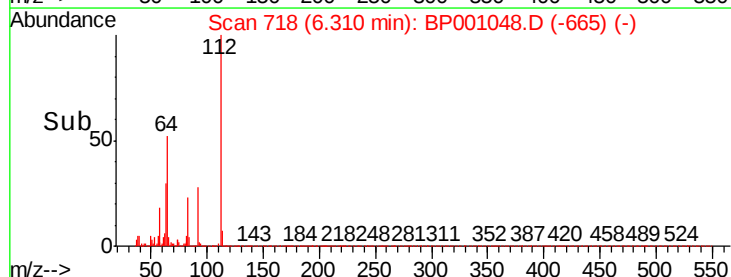
63 30.4 23.4 35.0

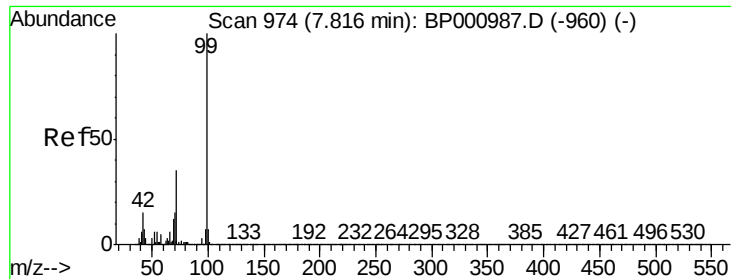


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.334 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

9-(2-4)

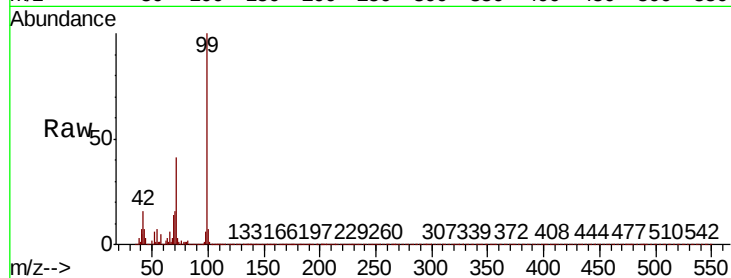
Tot Ion: 99 Resp: 1859901

Ion Ratio Lower Upper

99 100

42 15.9 11.6 17.4

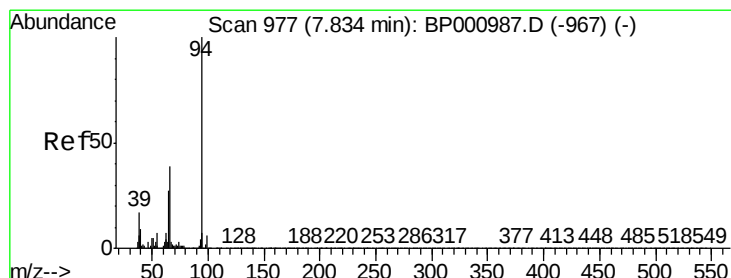
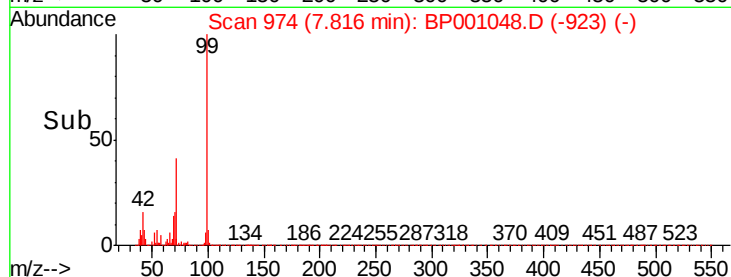
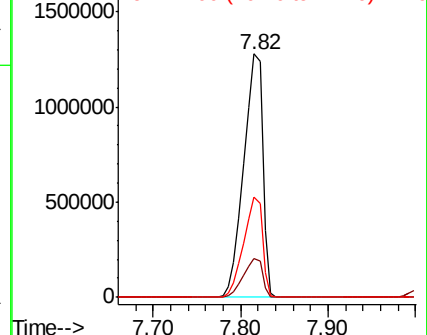
71 41.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 5.943 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

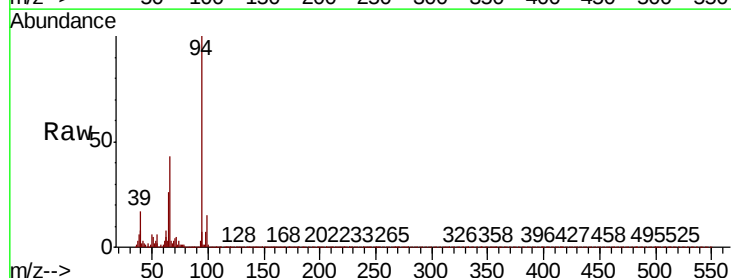
Tgt Ion: 94 Resp: 108590

Ion Ratio Lower Upper

94 100

65 26.5 6.7 46.7

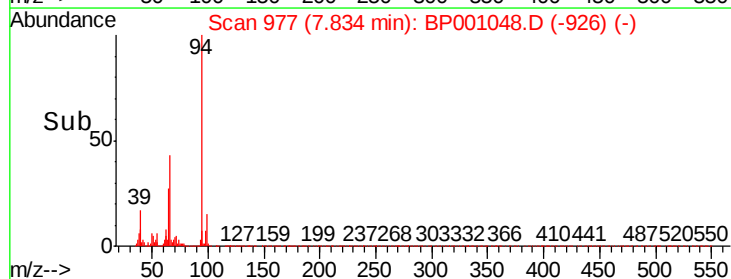
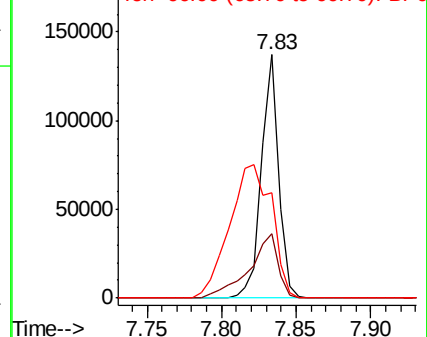
66 43.4 18.6 58.6

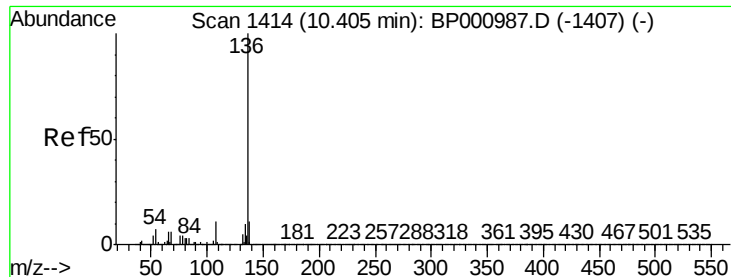


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

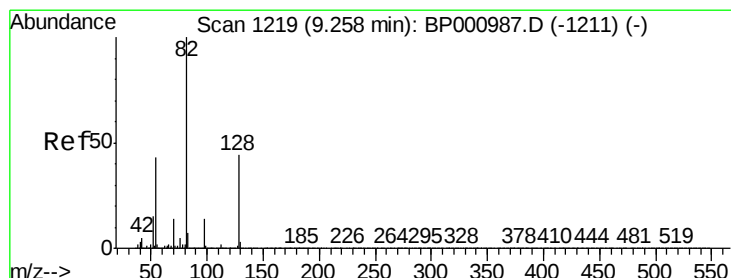
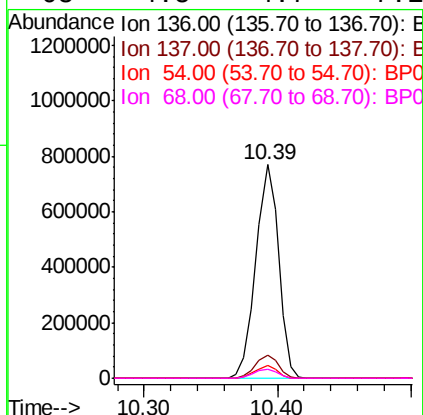
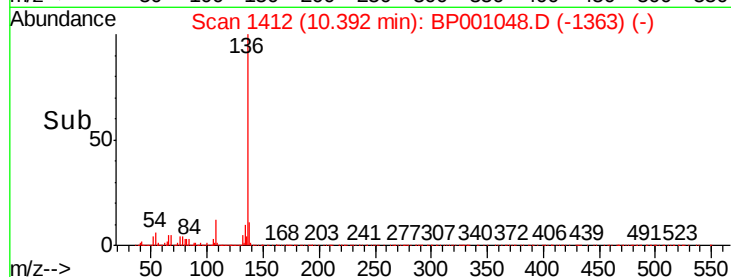
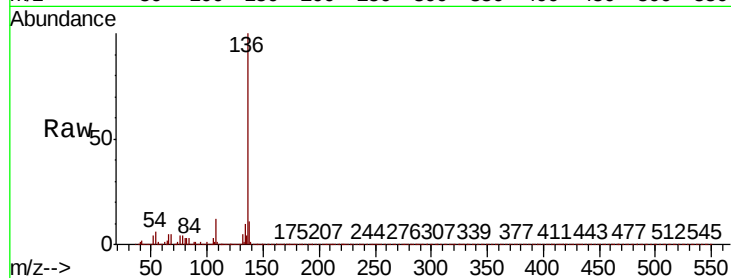




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

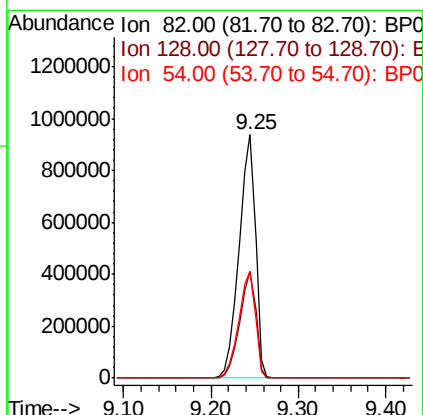
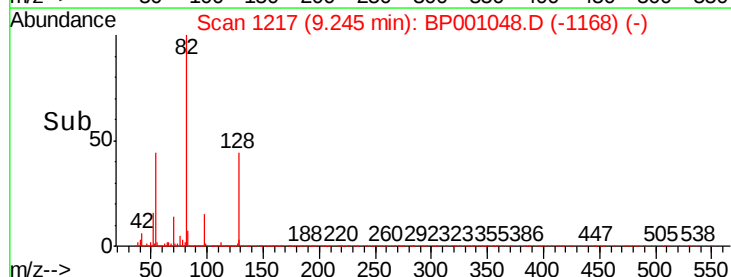
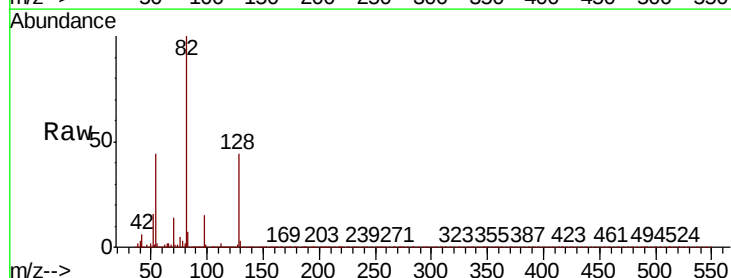
Instrument :
BNA_P
ClientSampleId :
9-(2-4)

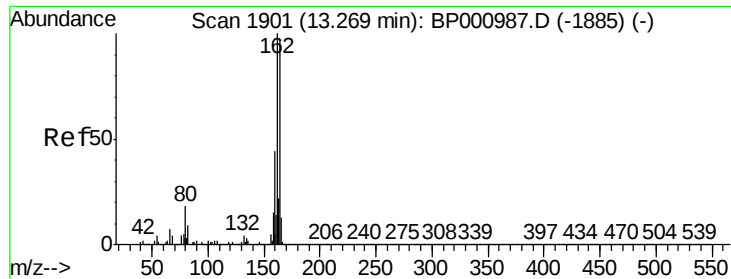
Tot Ion:136	Resp:	898728
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	6.1	5.4 8.2
68	4.5	4.7 7.1#



#23
Nitrobenzene-d5
Concen: 71.924 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

Tgt Ion: 82	Resp:	1168544
Ion Ratio	Lower	Upper
82	100	
128	43.7	35.3 52.9
54	43.8	34.3 51.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

9-(2-4)

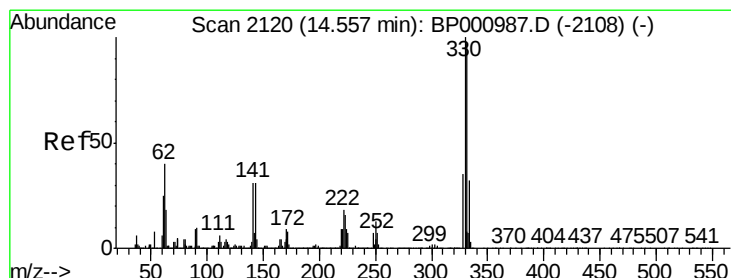
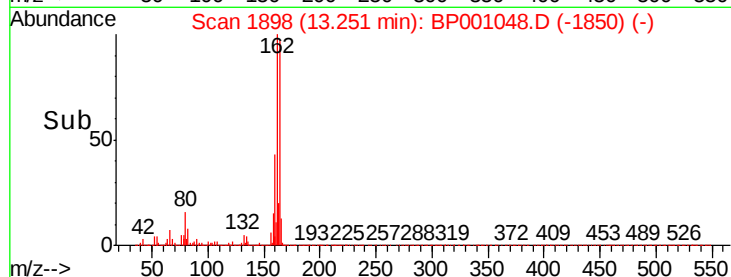
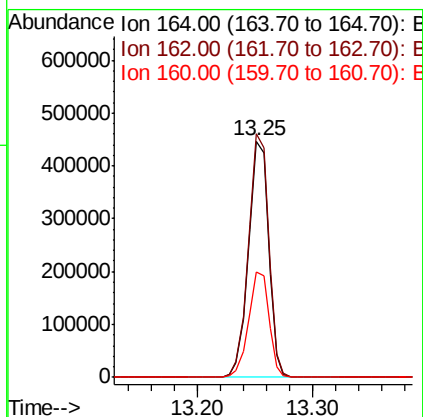
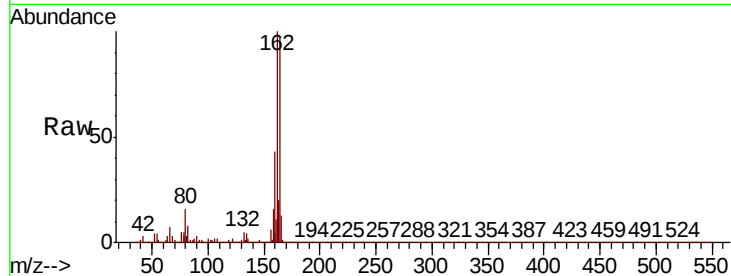
Tot Ion:164 Resp: 543725

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

160 44.6 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 120.821 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

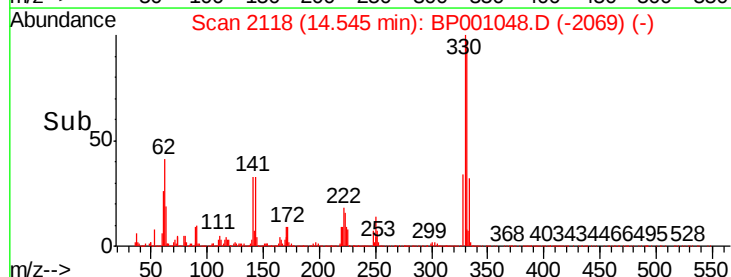
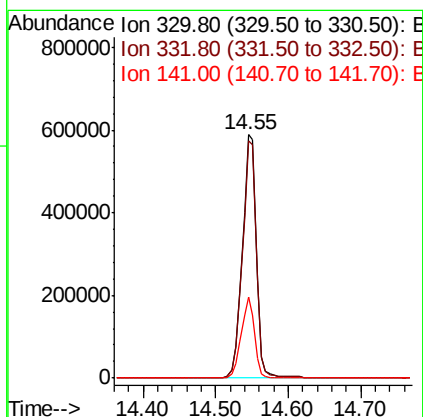
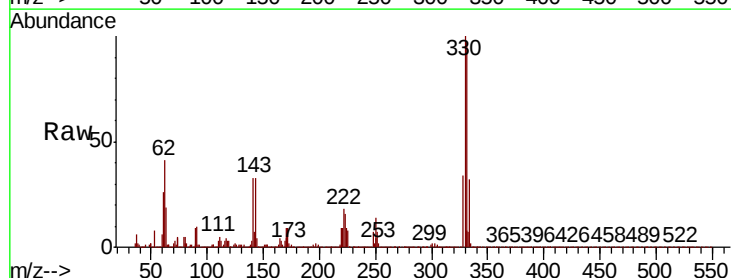
Tgt Ion:330 Resp: 784229

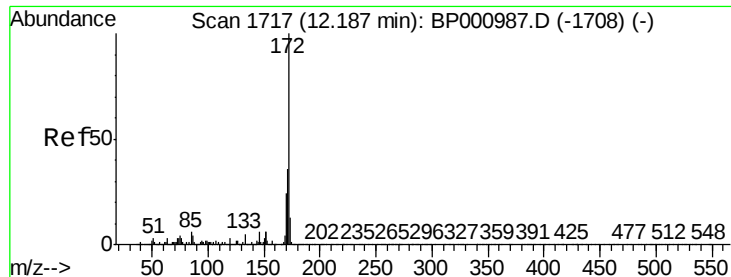
Ion Ratio Lower Upper

330 100

332 98.1 78.3 117.5

141 32.3 25.0 37.4

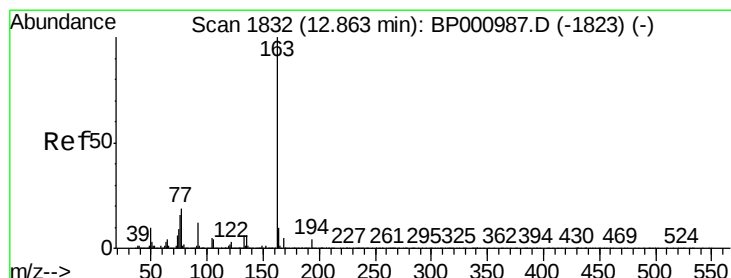
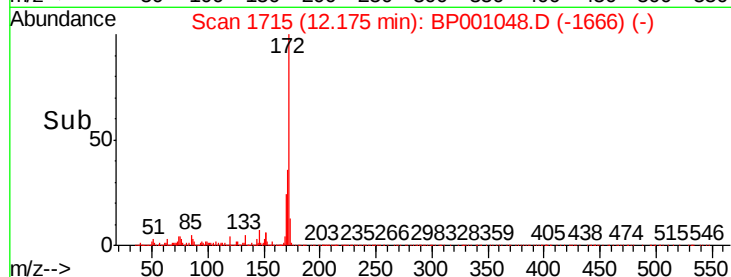
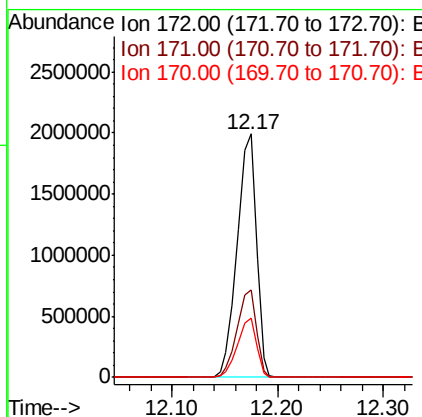
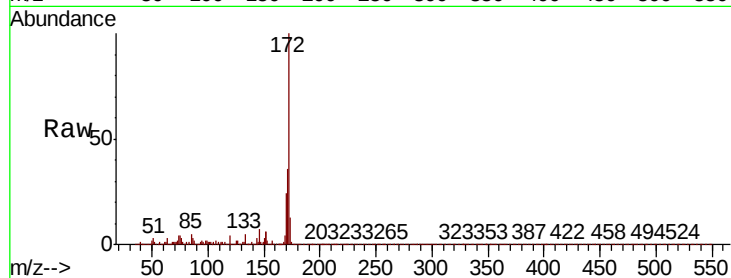




#45
2-Fluorobiphenyl
Concen: 69.056 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

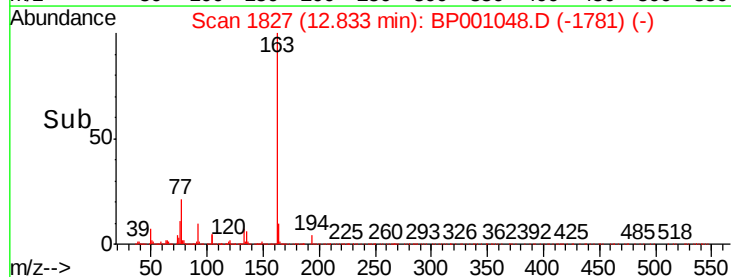
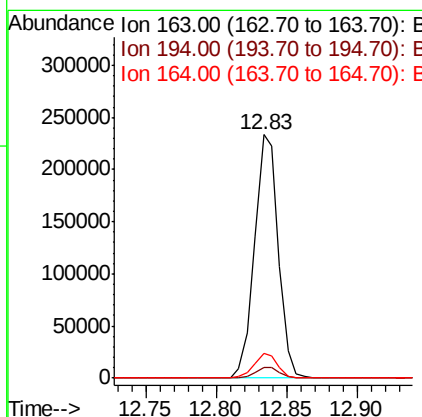
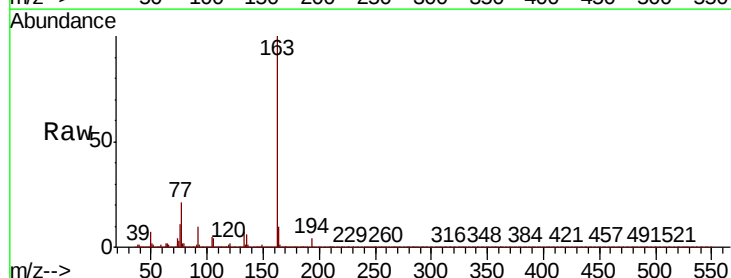
Instrument :
BNA_P
ClientSampleId :
9-(2-4)

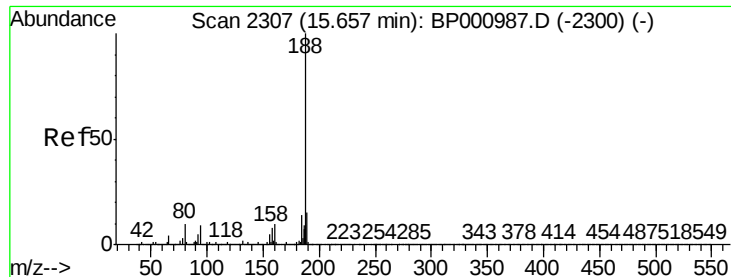
Tot Ion:172 Resp: 2493045
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.5 18.9 28.3



#50
Dimethylphthalate
Concen: 6.896 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

Tgt Ion:163 Resp: 277258
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.4 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.64 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

9-(2-4)

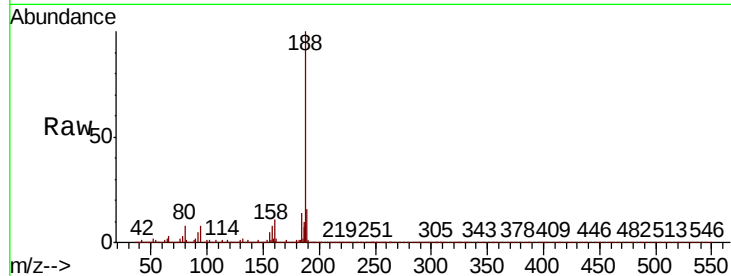
Tot Ion:188 Resp: 1067343

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.2

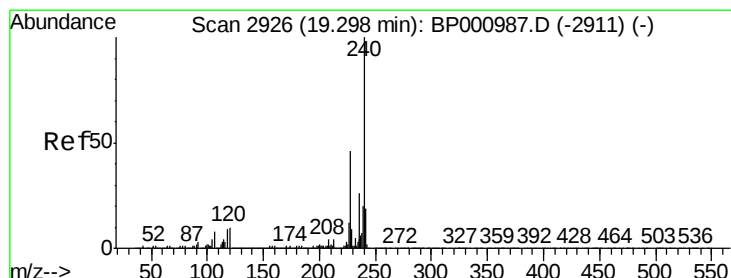
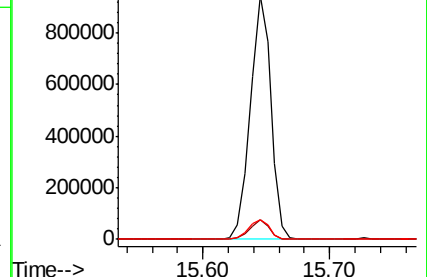
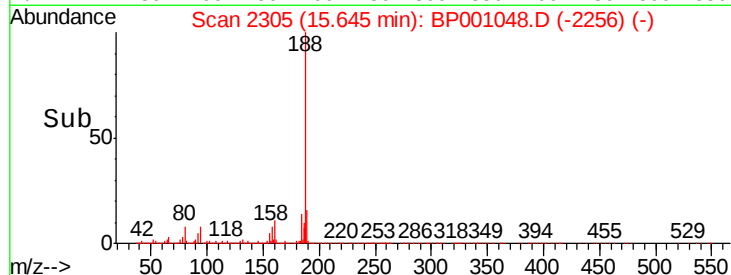
80 8.3 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.02 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

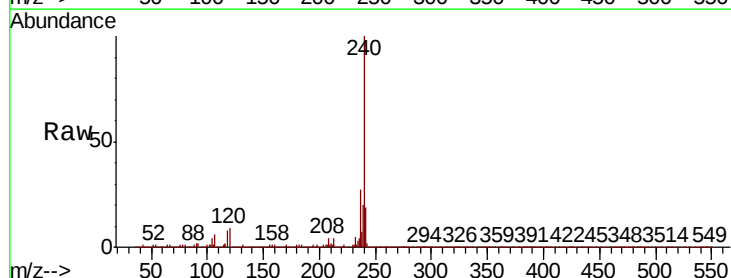
Tgt Ion:240 Resp: 818498

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

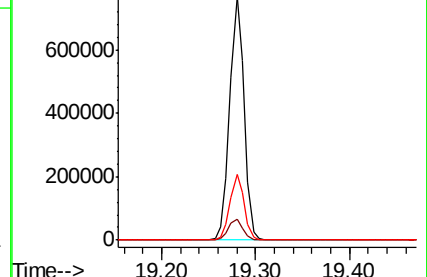
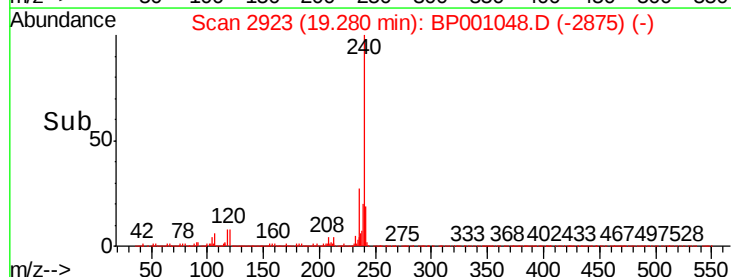
236 26.9 20.5 30.7

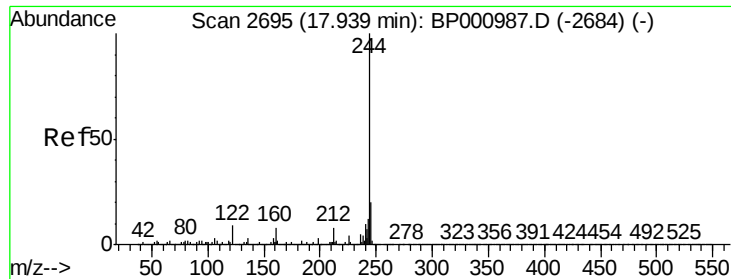


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.437 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

9-(2-4)

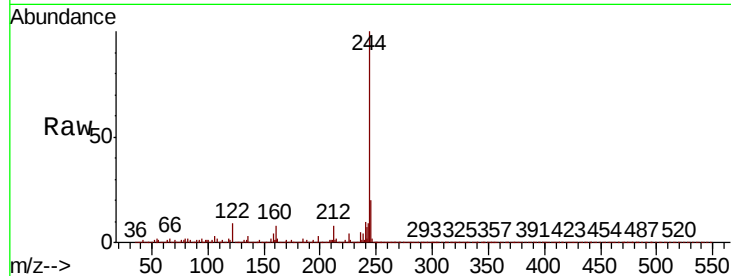
Tot Ion:244 Resp: 3145242

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

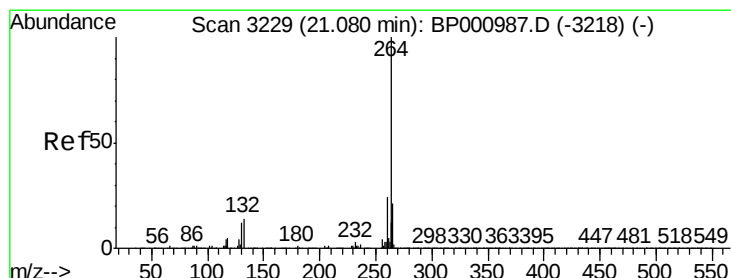
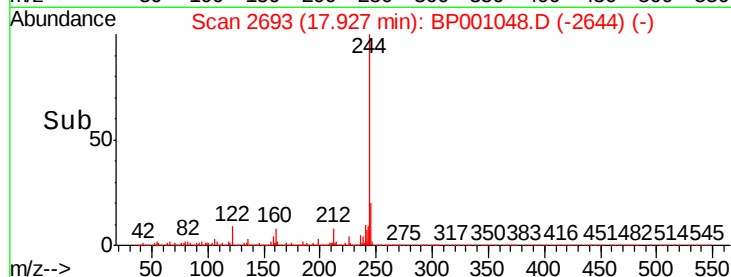
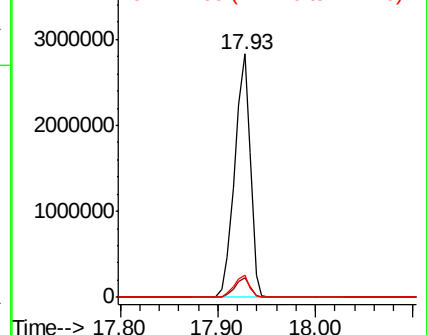
122 8.9 7.4 11.2



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: 21.06 min Scan# 3226

Delta R.T. -0.02 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

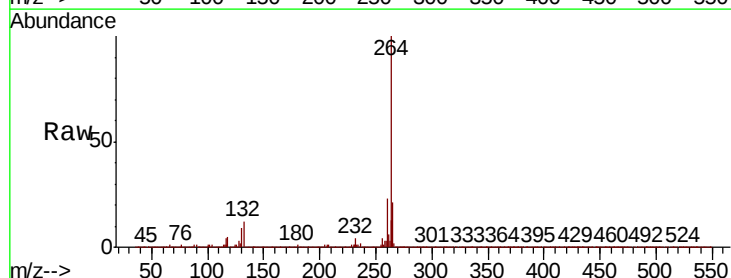
Tgt Ion:264 Resp: 846836

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.0 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

