

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001357.D
 Acq On : 20 Dec 2019 22:13
 Operator : JU
 Sample : K6312-08 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 21 00:43:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

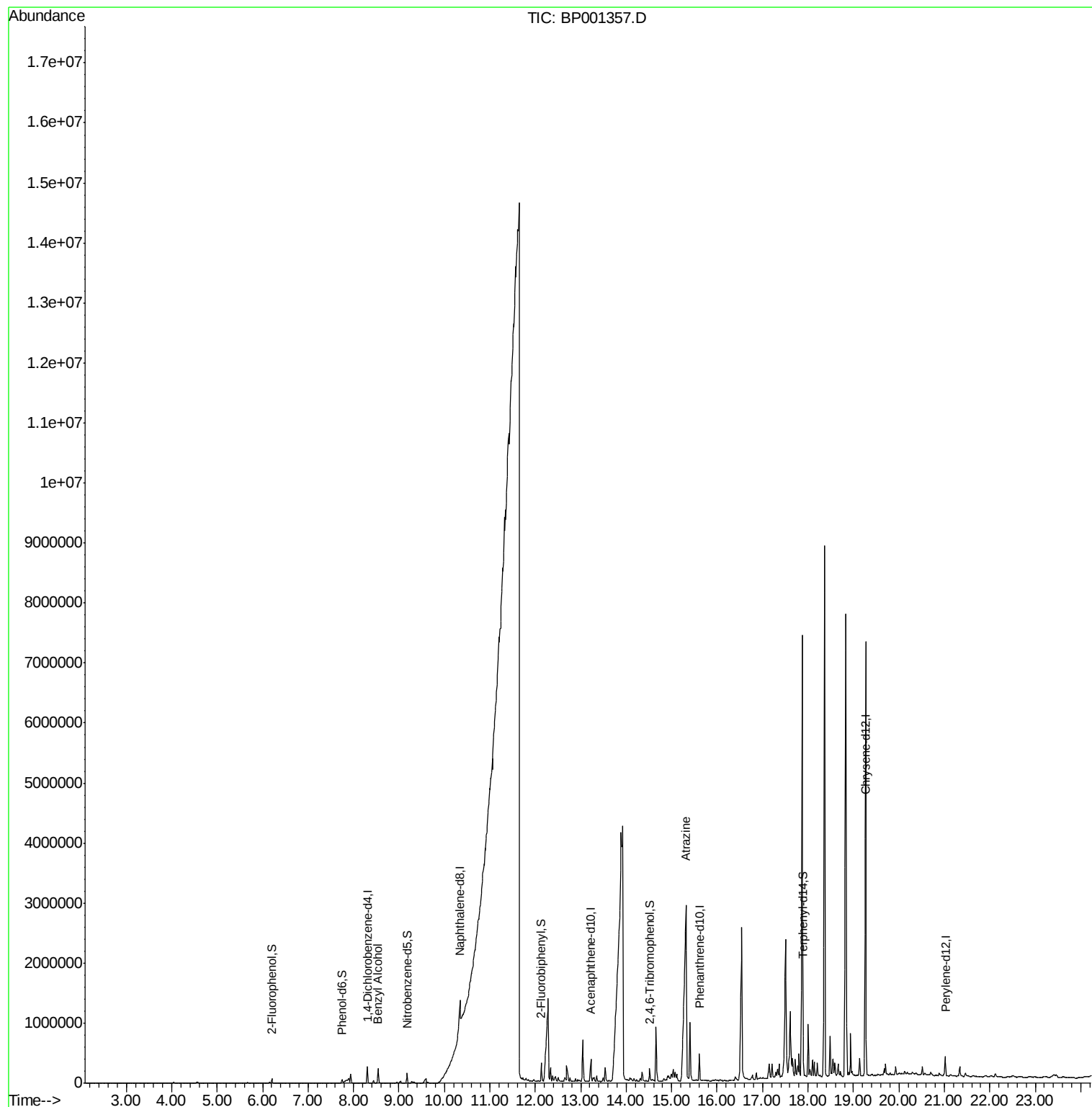
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	44933	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	172114	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	92469	20.00	ng	0.02
64) Phenanthrene-d10	15.61	188	178947	20.00	ng	0.01
76) Chrysene-d12	19.25	240	154826	20.00	ng	0.00
87) Perylene-d12	21.02	264	164762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	19715	7.09	ng	0.00
7) Phenol-d6	7.75	99	17610	4.85	ng	0.00
23) Nitrobenzene-d5	9.18	82	61000	13.61	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	17382	15.04	ng	0.02
45) 2-Fluorobiphenyl	12.13	172	102899	14.07	ng	0.02
79) Terphenyl-d14	17.89	244	128351	14.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	10603	3.115	ng	Qvalue 92
69) Atrazine	15.32	200	7608	3.733	ng	# 51

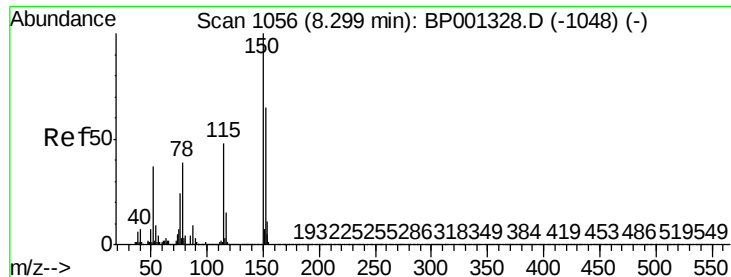
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

Instrument :

BNA_P

ClientSampleId :

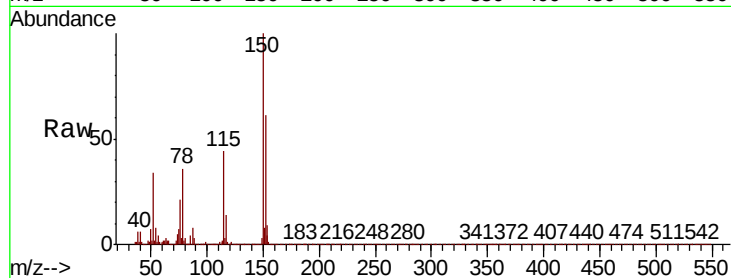
Tot Ion:152 Resp: 44933

Ion Ratio Lower Upper

152 100

150 162.9 124.0 186.0

115 71.8 59.3 88.9

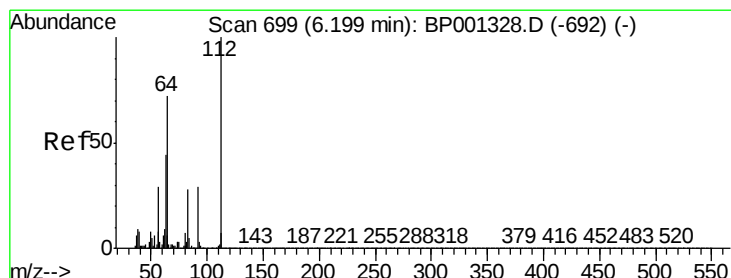
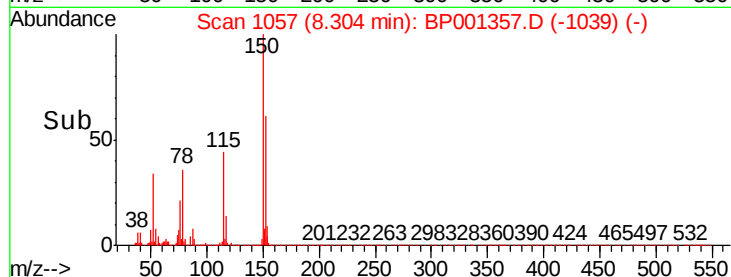
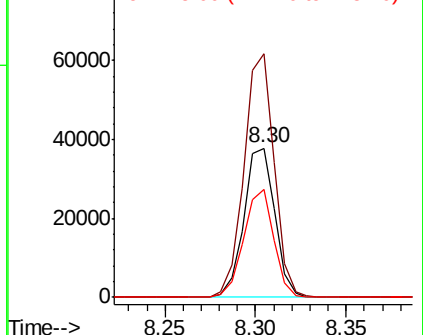


Abundance

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: 7.091 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

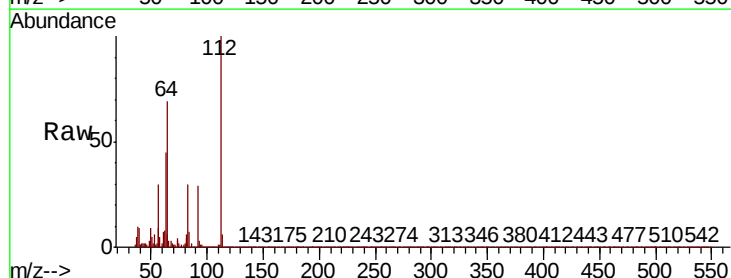
Tgt Ion:112 Resp: 19715

Ion Ratio Lower Upper

112 100

64 68.6 57.6 86.4

63 44.8 35.1 52.7

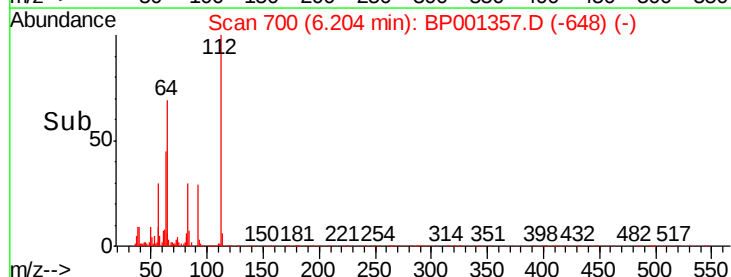
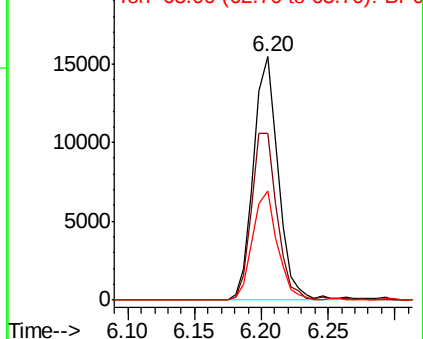


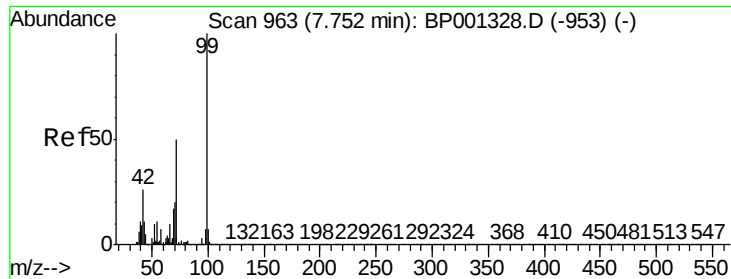
Abundance

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: 4.854 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

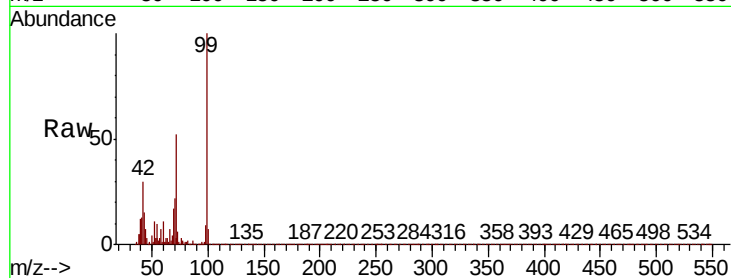
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 17610

Ion	Ratio	Lower	Upper
99	100		
42	29.7	20.9	31.3
71	51.7	40.0	60.0

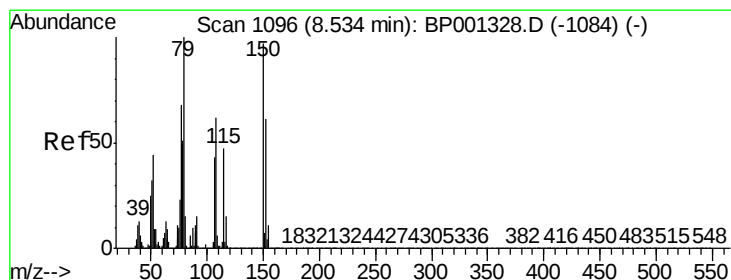
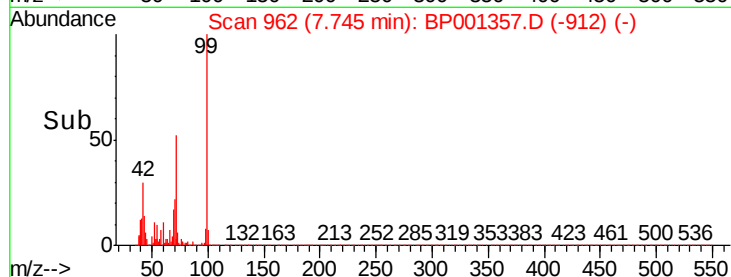
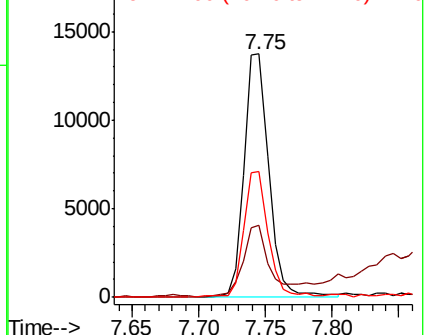


Abundance

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



#15

Benzyl Alcohol

Concen: 3.115 ng

RT: 8.53 min Scan# 1096

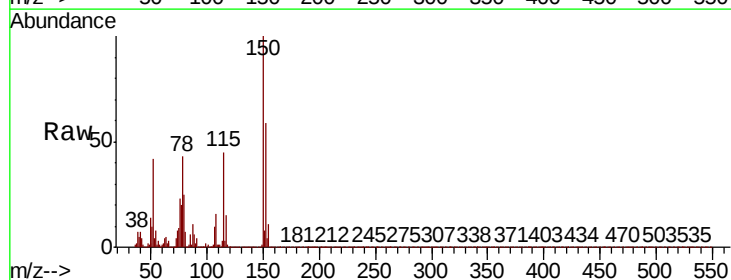
Delta R.T. -0.00 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

Tgt Ion: 79 Resp: 10603

Ion	Ratio	Lower	Upper
79	100		
108	64.6	49.3	73.9
77	77.4	54.4	81.6

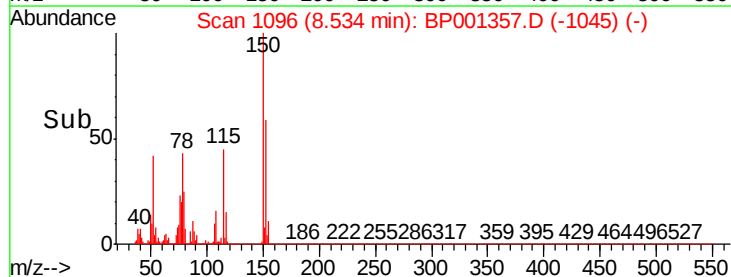
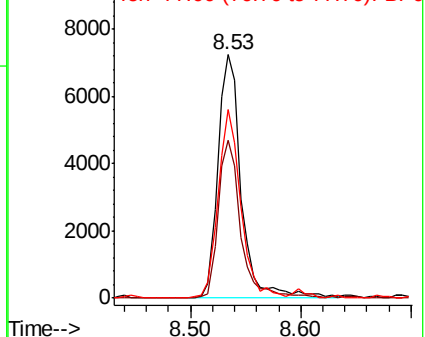


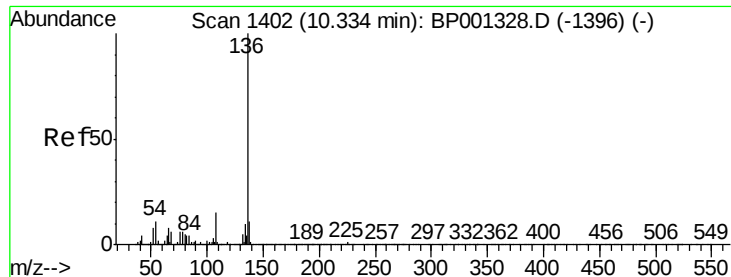
Abundance

Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

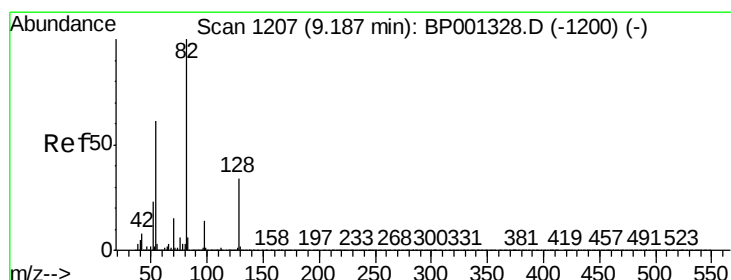
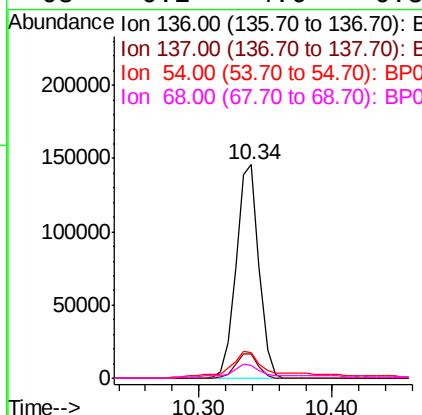
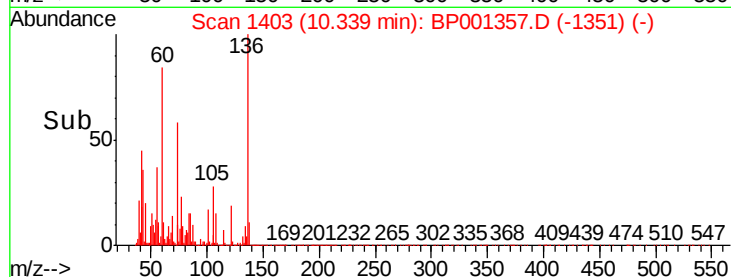
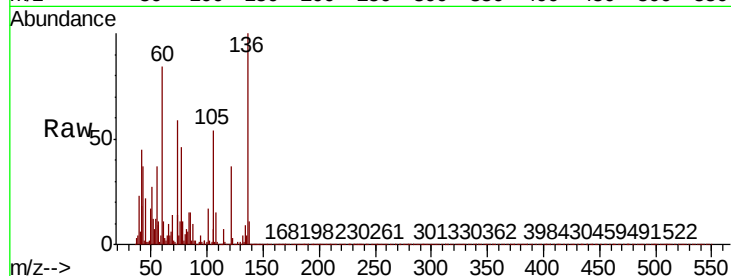




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001357.D
Acq: 20 Dec 2019 22:13

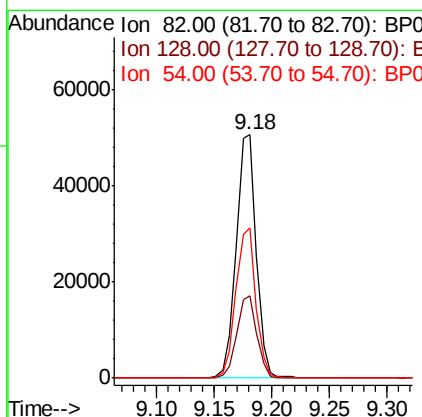
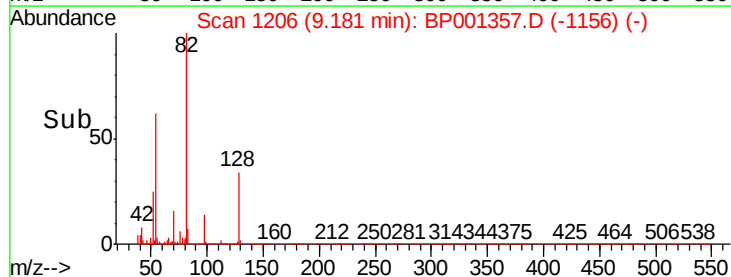
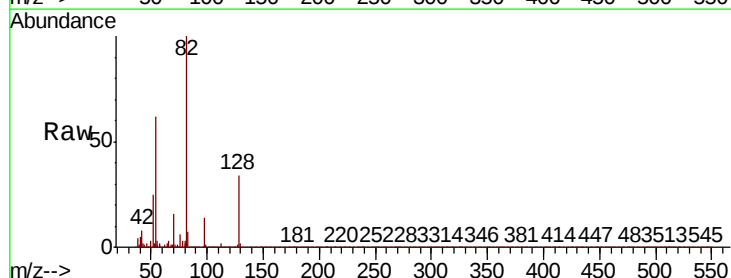
Instrument :
BNA_P
ClientSampleId :

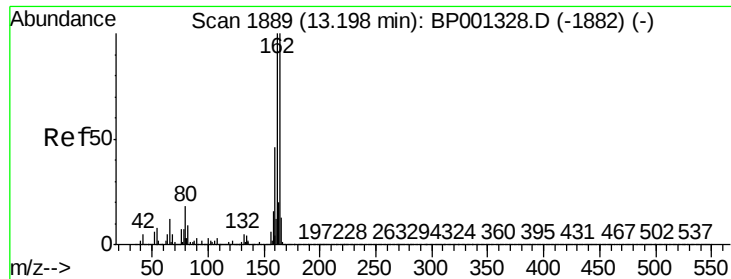
Tot Ion:136	Resp:	172114
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	11.8	8.8 13.2
68	6.2	4.6 6.8



#23
Nitrobenzene-d5
Concen: 13.610 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP001357.D
Acq: 20 Dec 2019 22:13

Tgt Ion: 82	Resp:	61000
Ion	Ratio	Lower Upper
82	100	
128	33.7	27.0 40.4
54	61.8	49.0 73.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1893

Delta R.T. 0.02 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

Instrument :

BNA_P

ClientSampleId :

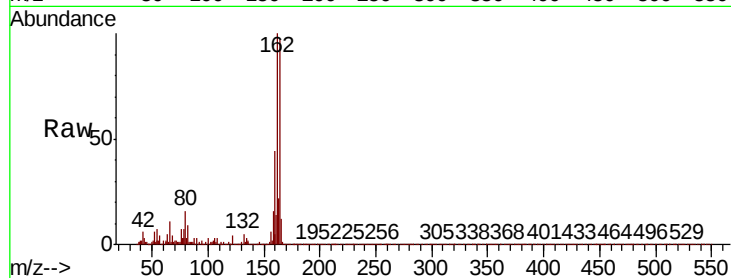
Tot Ion:164 Resp: 92469

Ion Ratio Lower Upper

164 100

162 103.2 80.3 120.5

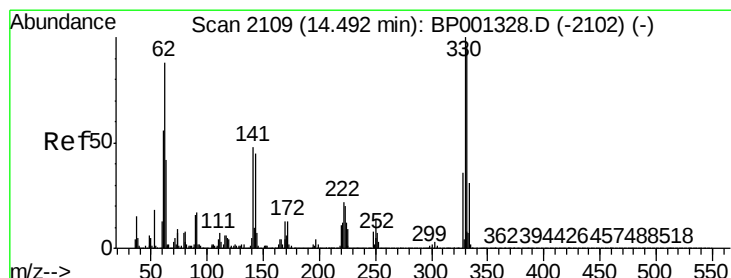
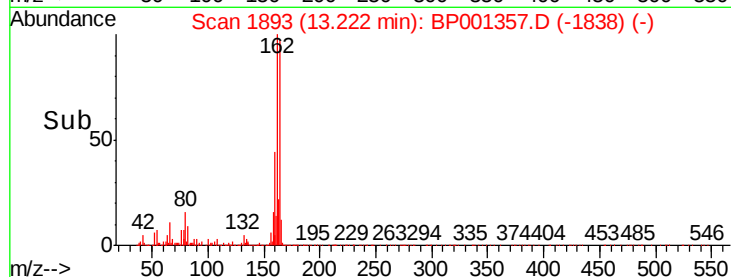
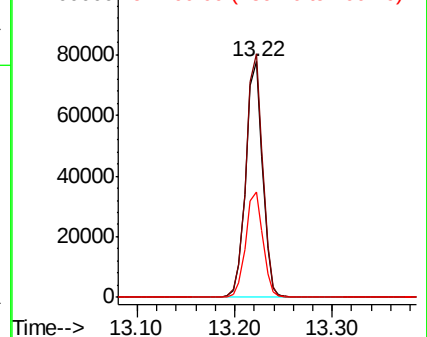
160 44.9 36.6 54.8



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: 15.035 ng

RT: 14.52 min Scan# 2113

Delta R.T. 0.02 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

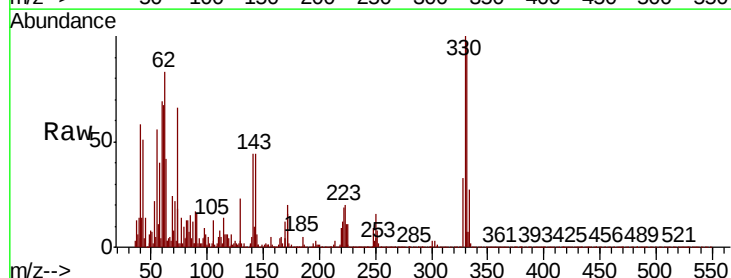
Tgt Ion:330 Resp: 17382

Ion Ratio Lower Upper

330 100

332 97.3 78.7 118.1

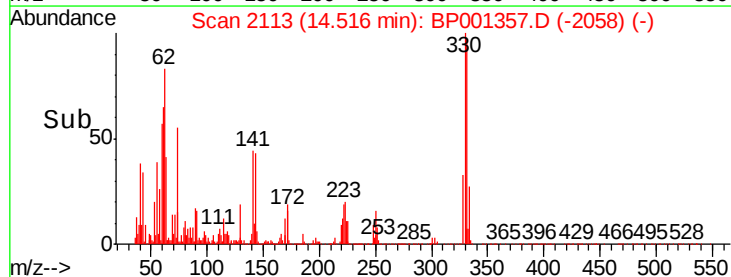
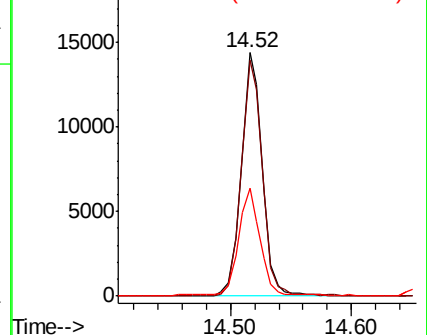
141 45.5 36.2 54.4

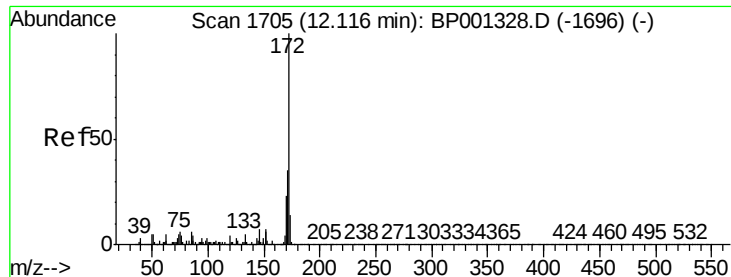


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

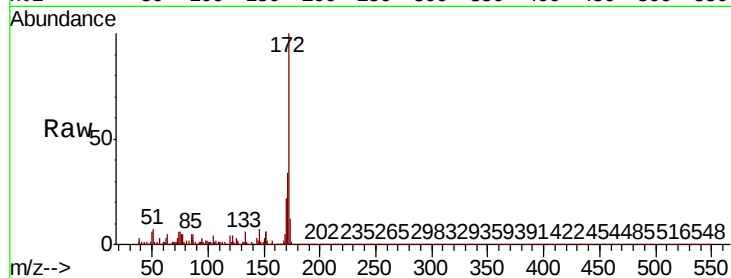




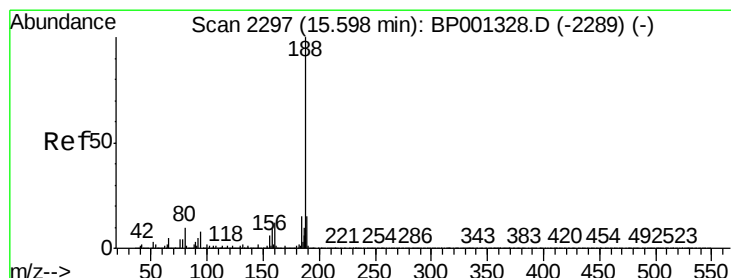
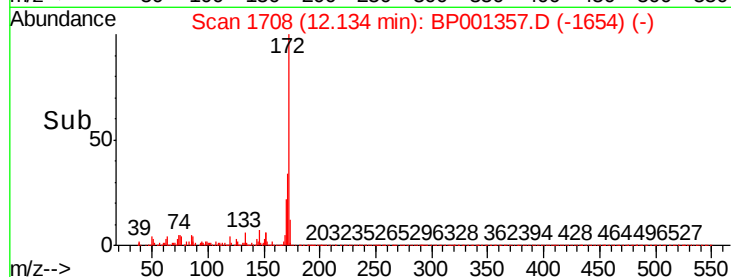
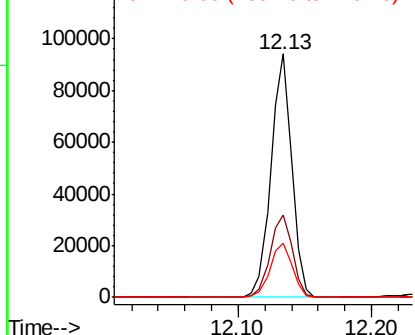
#45
2-Fluorobiphenyl
Concen: 14.071 ng
RT: 12.13 min Scan# 1708
Delta R.T. 0.02 min
Lab File: BP001357.D
Acq: 20 Dec 2019 22:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 102899
Ion Ratio Lower Upper
172 100
171 33.9 27.7 41.5
170 22.4 18.6 28.0

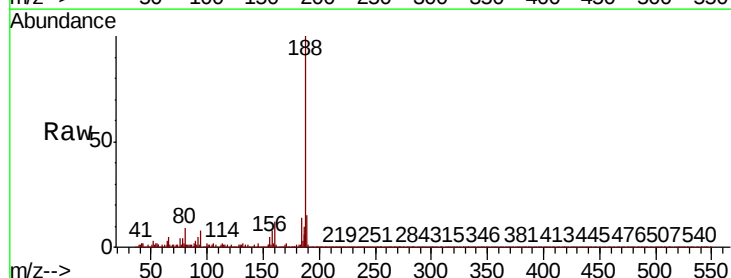


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

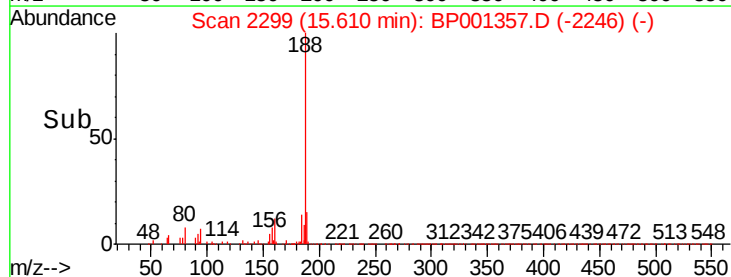
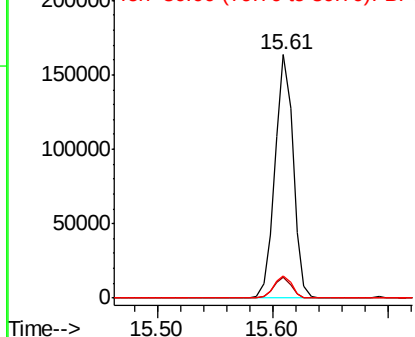


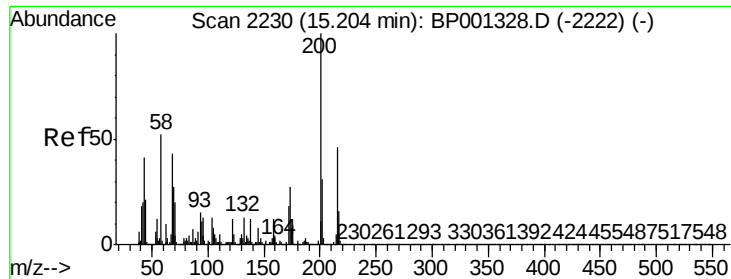
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BP001357.D
Acq: 20 Dec 2019 22:13

Tgt Ion:188 Resp: 178947
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.2 7.8 11.6



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

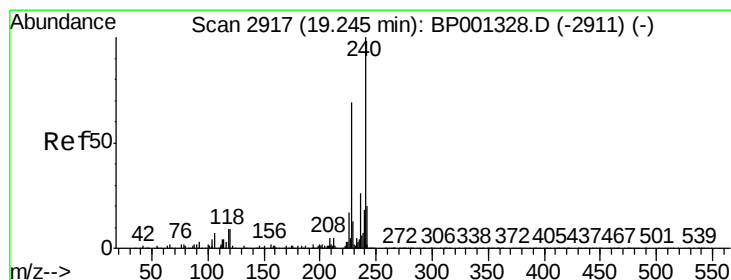
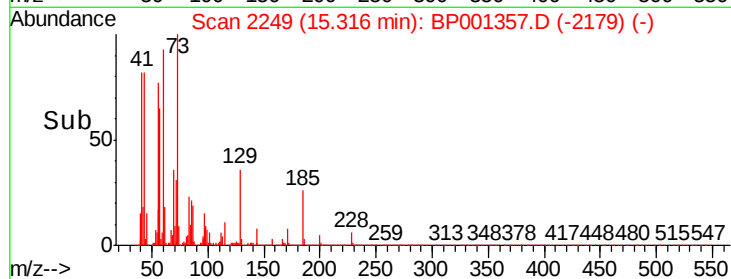
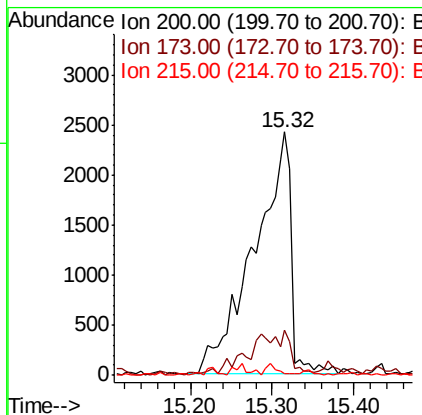
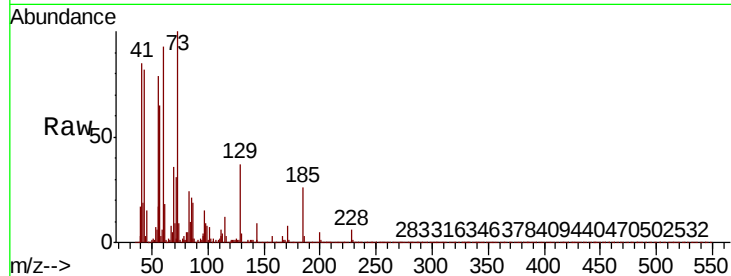




#69
Atrazine
Concen: 3.733 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.11 min
Lab File: BP001357.D
Acq: 20 Dec 2019 22:13

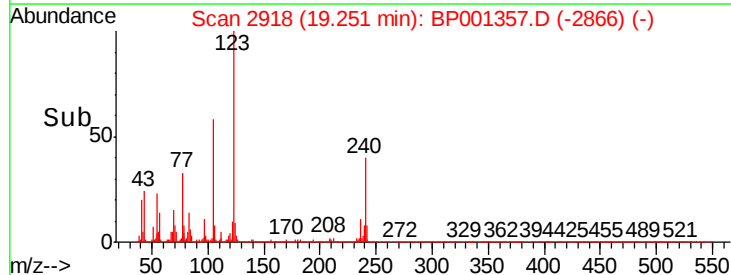
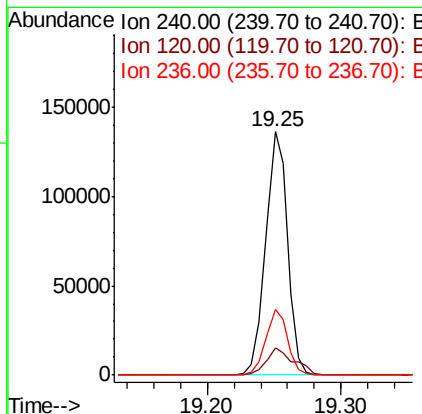
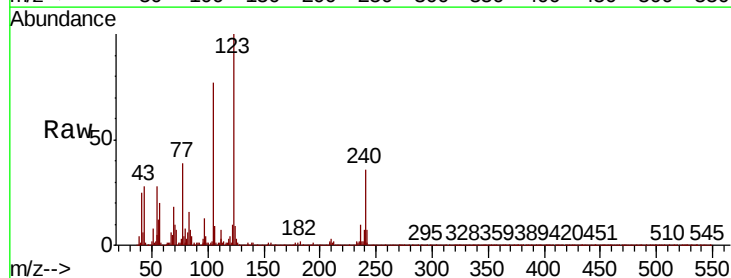
Instrument :
BNA_P
ClientSampleId :

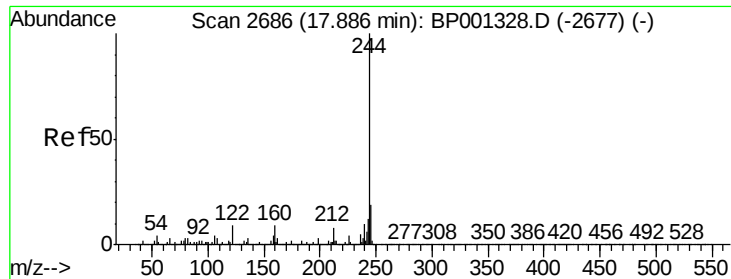
Tot Ion	Ratio	Lower	Upper
200	100		
173	18.3	6.8	46.8
215	1.4	26.1	66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. 0.01 min
Lab File: BP001357.D
Acq: 20 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	7.6	11.4#
236	27.1	21.0	31.4





#79

Terphenyl-d14

Concen: 14.199 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

Instrument :

BNA_P

ClientSampleId :

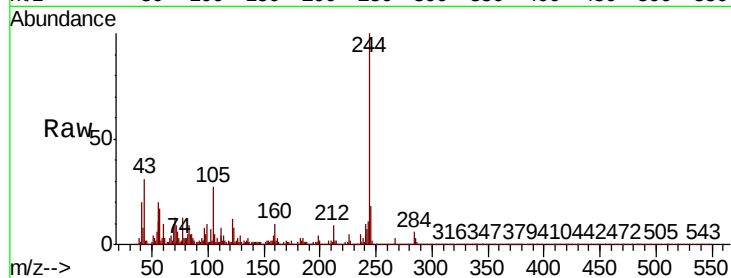
Tot Ion:244 Resp: 128351

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

122 11.8 7.6 11.4#

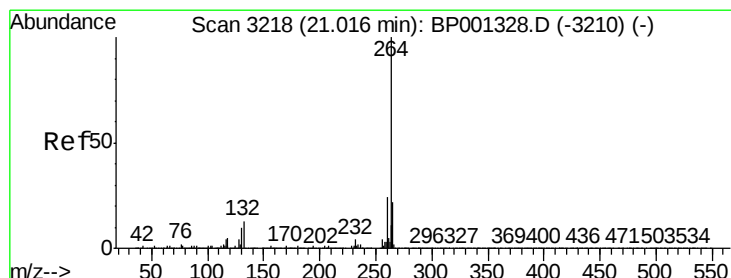
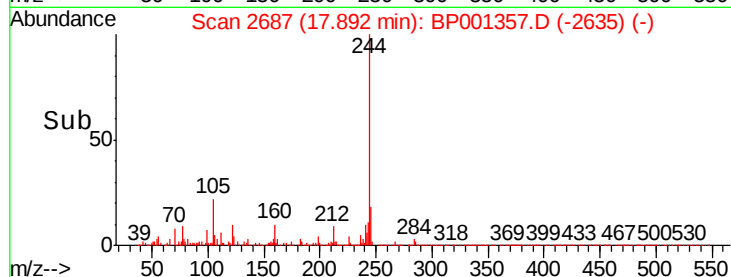
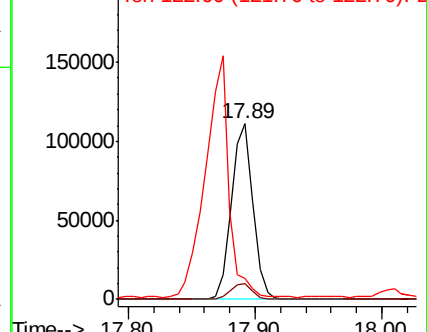


Abundance

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: 21.02 min Scan# 3219

Delta R.T. 0.01 min

Lab File: BP001357.D

Acq: 20 Dec 2019 22:13

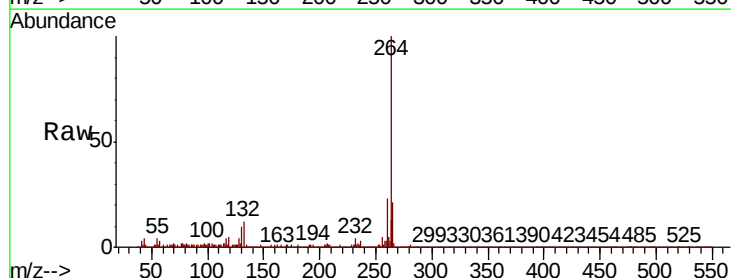
Tgt Ion:264 Resp: 164762

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 17.4 26.2



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

