

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001050.D
 Acq On : 15 Nov 2019 20:26
 Operator : JU
 Sample : K5832-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 9-(6-8)

Quant Time: Nov 16 04:21:32 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

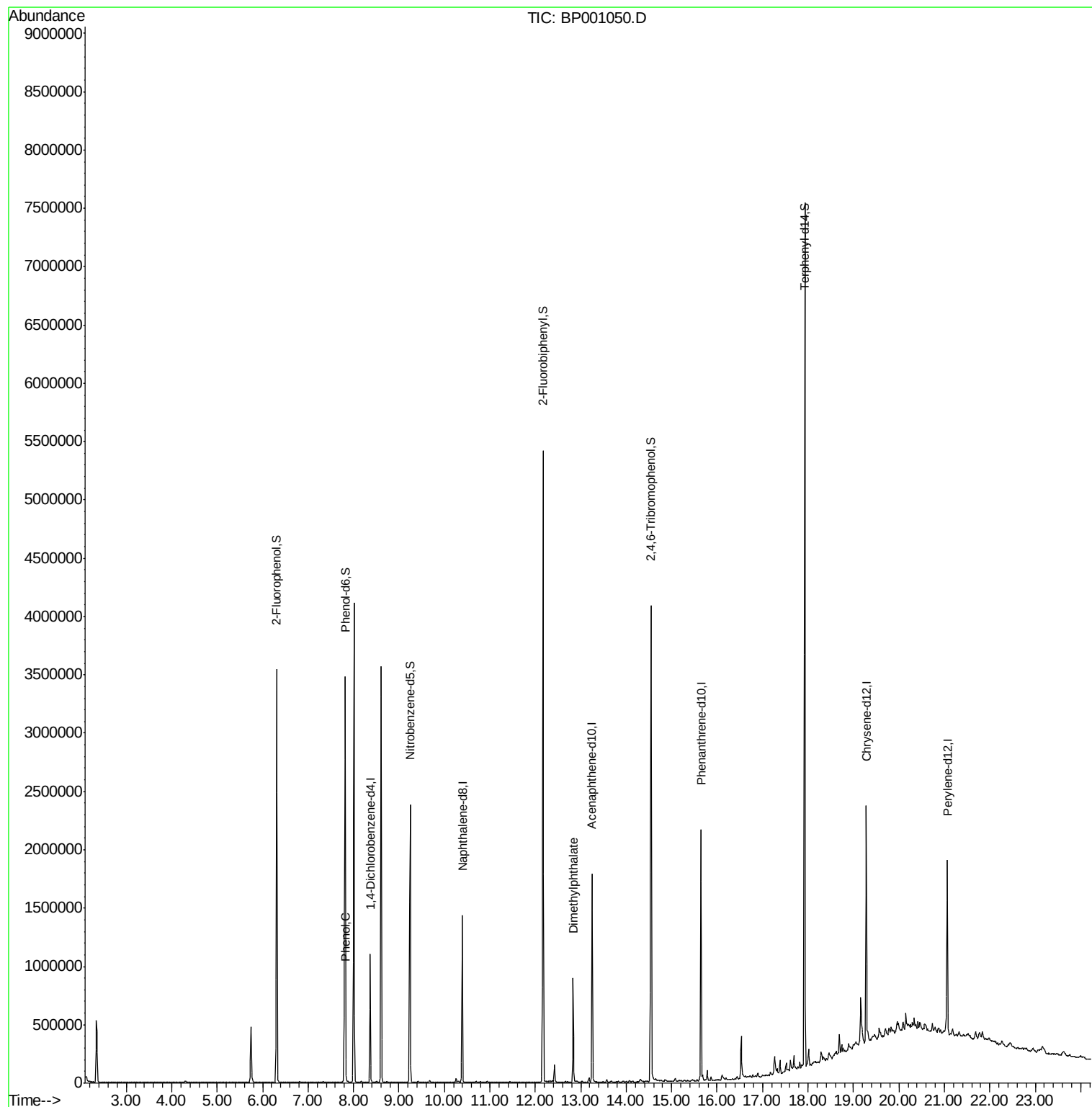
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	218912	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	809060	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	488483	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	1011624	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	777392	20.00	ng	-0.02
87) Perylene-d12	21.06	264	810269	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1301386	108.21	ng	0.01
7) Phenol-d6	7.82	99	1700480	111.81	ng	0.00
23) Nitrobenzene-d5	9.25	82	1077168	73.65	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	757931	129.97	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	2337027	72.06	ng	-0.02
79) Terphenyl-d14	17.93	244	3064828	78.42	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	55849	3.357	ng	94
50) Dimethylphthalate	12.83	163	483066	13.374	ng	99

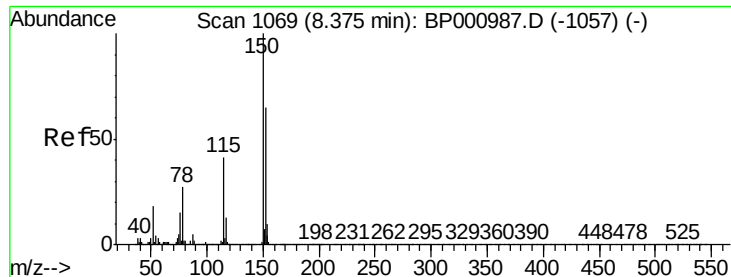
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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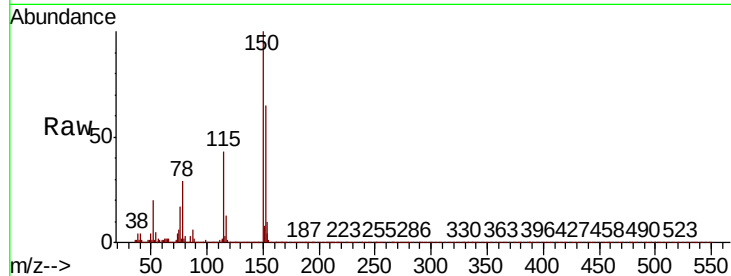




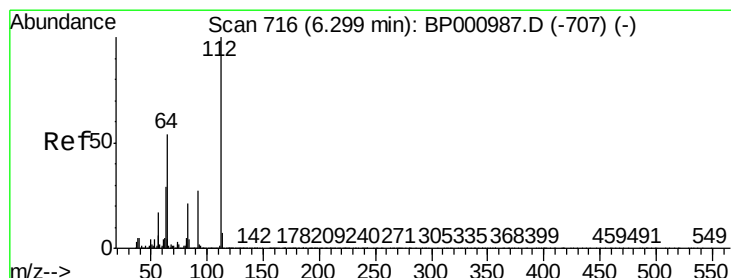
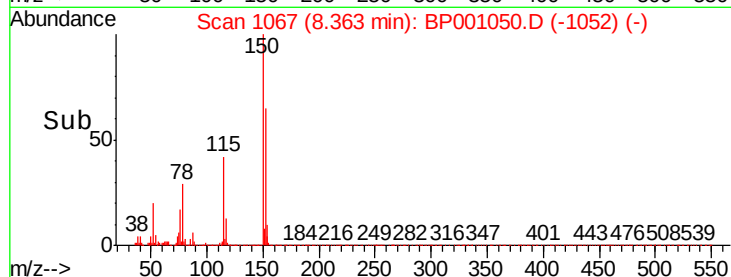
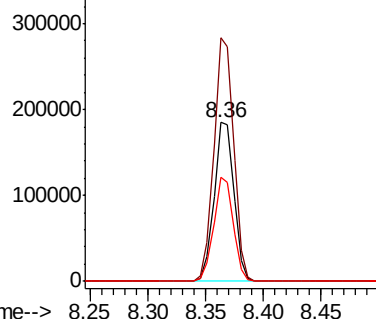
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BP001050.D
 Acq: 15 Nov 2019 20:26

Instrument :
 BNA_P
 ClientSampleId :
 9-(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.6	185.4
115	65.3	50.1	75.1

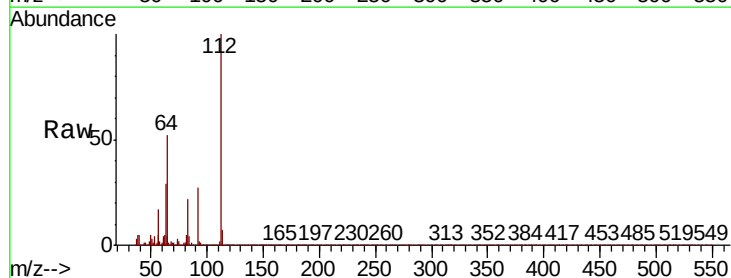


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

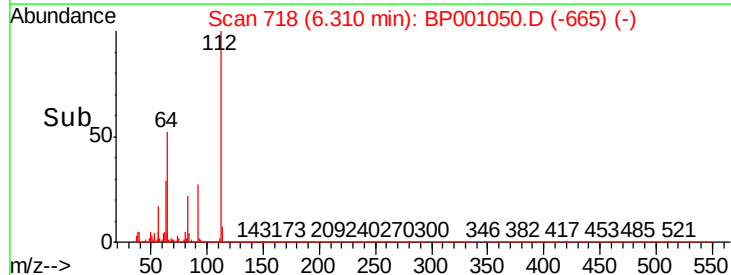
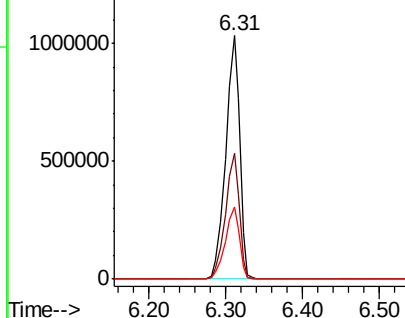


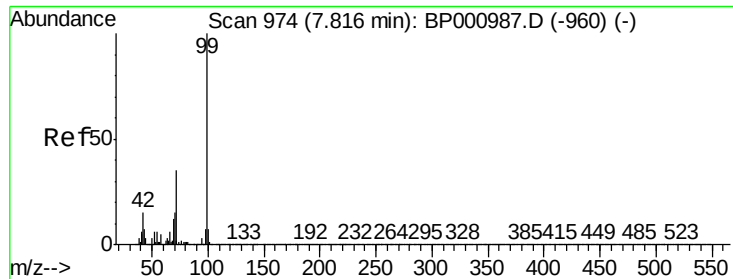
#5
 2-Fluorophenol
 Concen: 108.206 ng
 RT: 6.31 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: BP001050.D
 Acq: 15 Nov 2019 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	43.4	65.0
63	29.4	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: 111.809 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampleId :

9-(6-8)

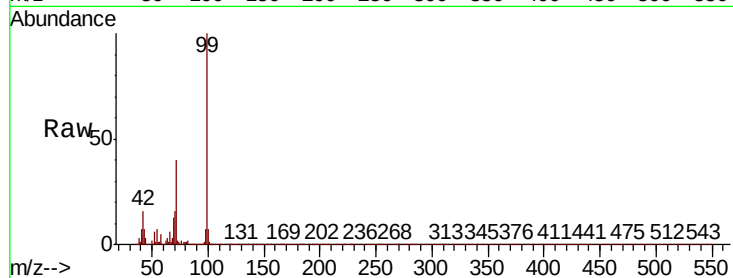
Tot Ion: 99 Resp: 1700480

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.6	17.4
71	40.2	28.0	42.0

99 100

42 15.9 11.6 17.4

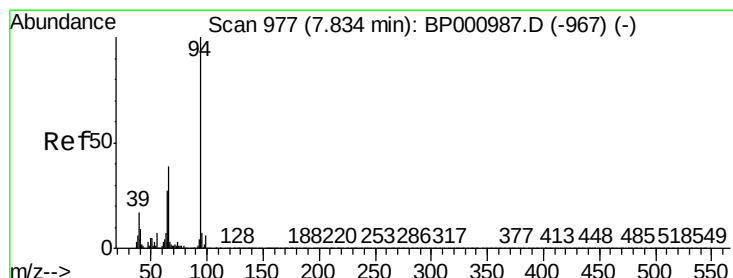
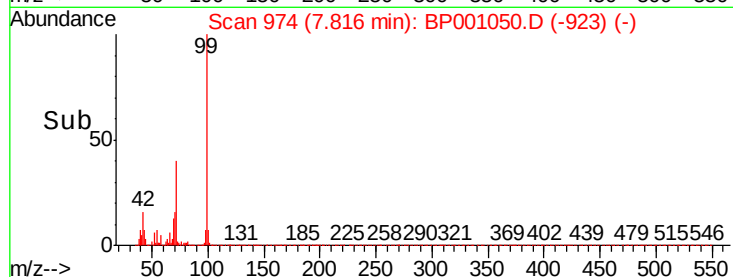
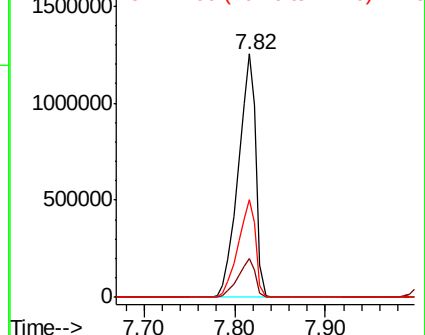
71 40.2 28.0 42.0



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: 3.357 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

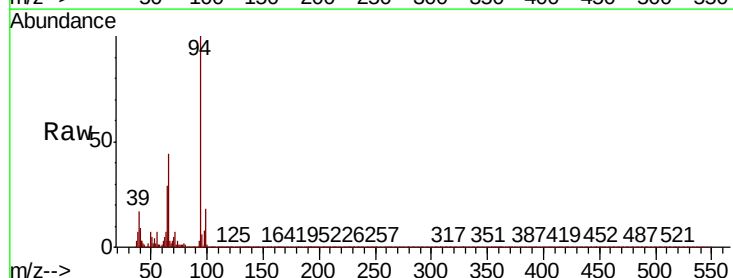
Tgt Ion: 94 Resp: 55849

Ion	Ratio	Lower	Upper
94	100		
65	28.8	6.7	46.7
66	43.5	18.6	58.6

94 100

65 28.8 6.7 46.7

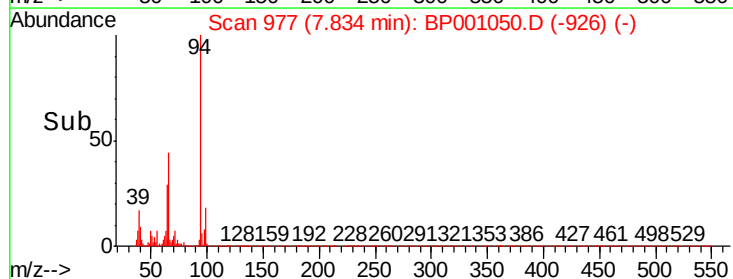
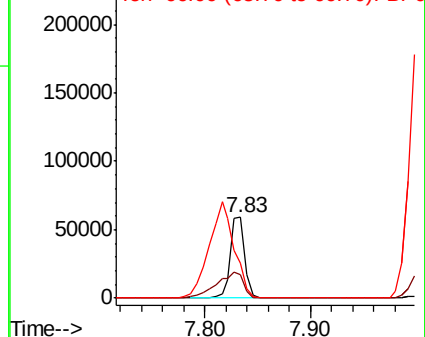
66 43.5 18.6 58.6

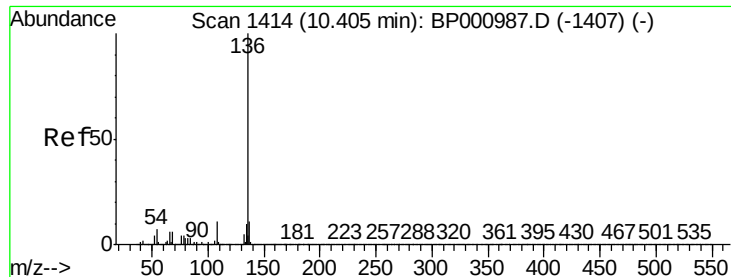


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

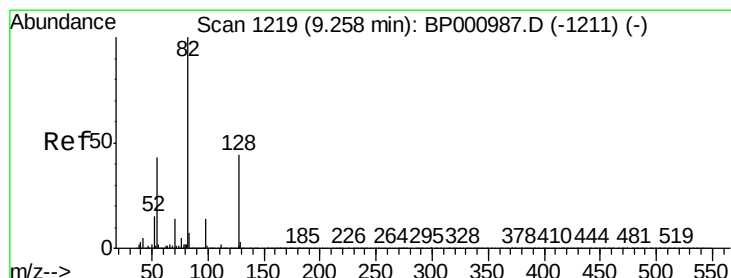
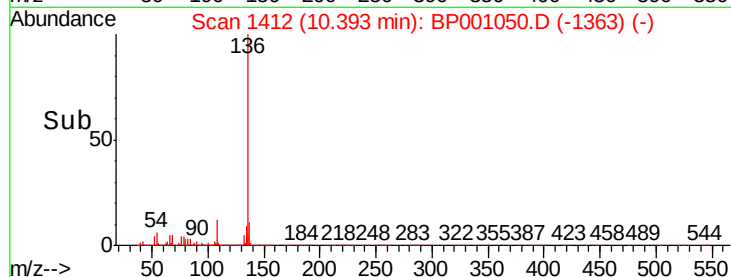
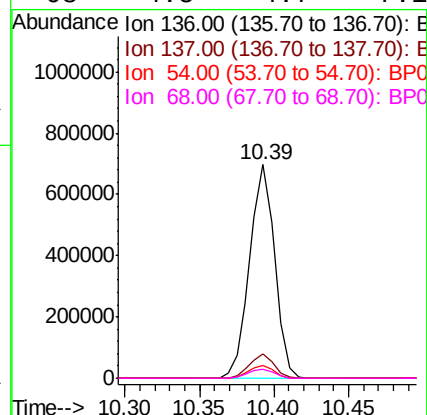
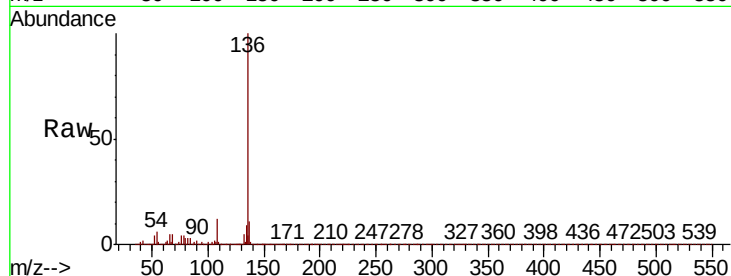




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

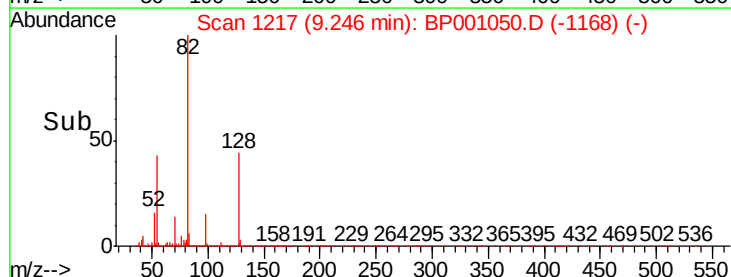
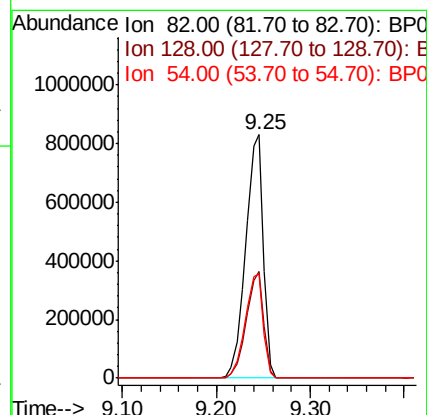
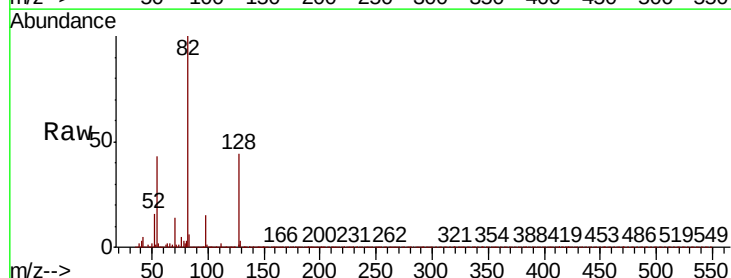
Instrument :
BNA_P
ClientSampleId :
9-(6-8)

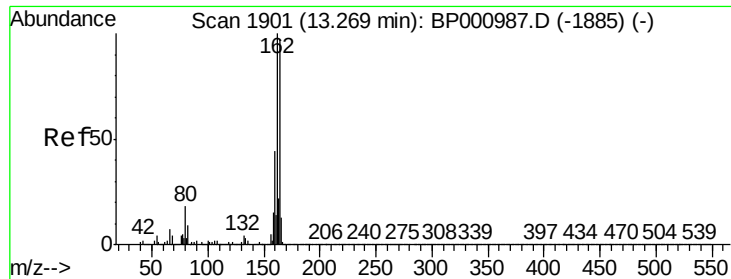
Tot Ion:136	Resp:	809060
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.0	13.6
54 6.1	5.4	8.2
68 4.5	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 73.648 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

Tgt Ion: 82	Resp: 1077168
Ion Ratio	Lower Upper
82 100	
128 44.0	35.3 52.9
54 42.7	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: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampleId :

9-(6-8)

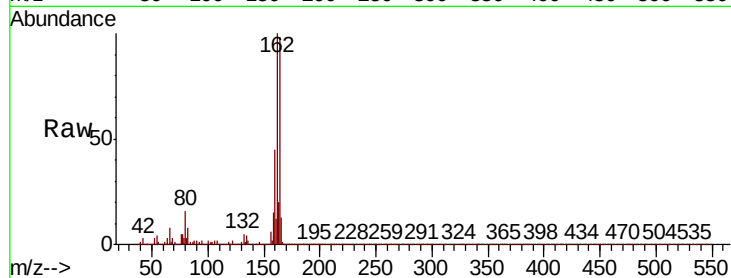
Tot Ion:164 Resp: 488483

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

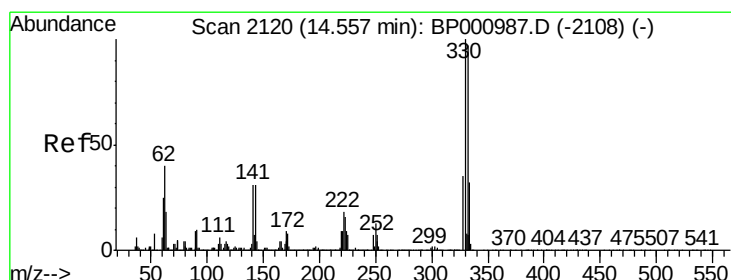
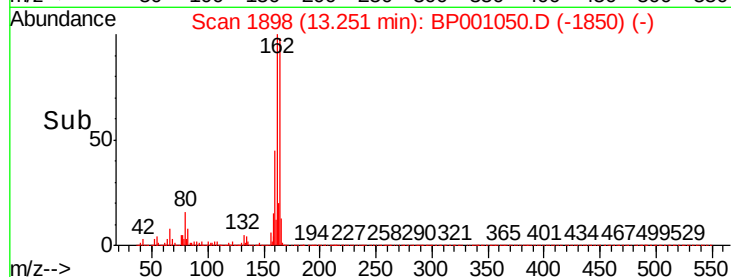
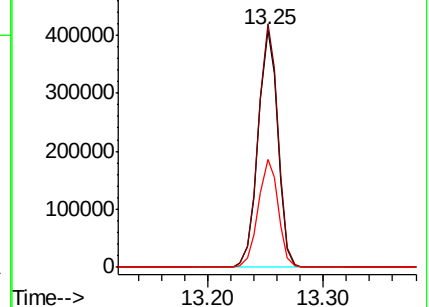
160 45.6 36.5 54.7



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: 129.975 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

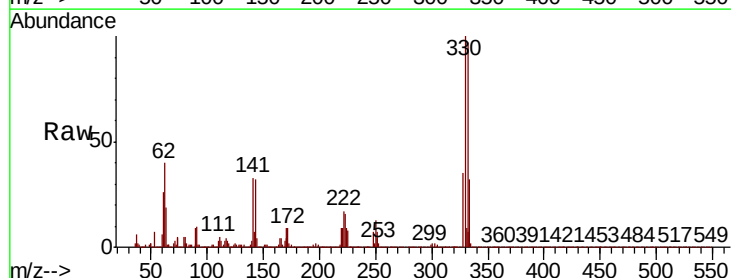
Tgt Ion:330 Resp: 757931

Ion Ratio Lower Upper

330 100

332 98.0 78.3 117.5

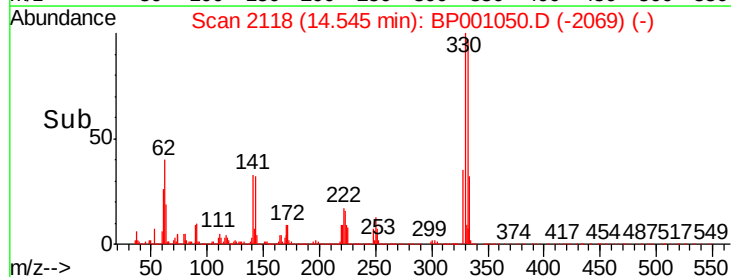
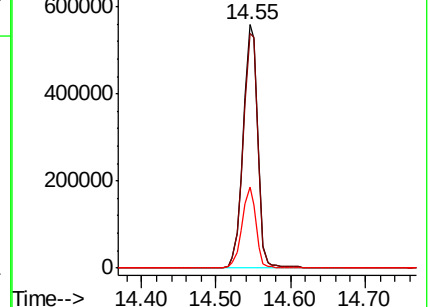
141 32.6 25.0 37.4

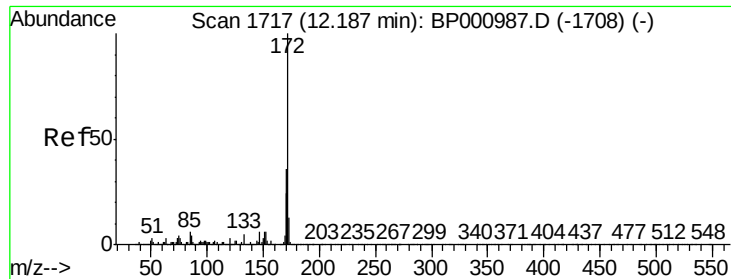


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

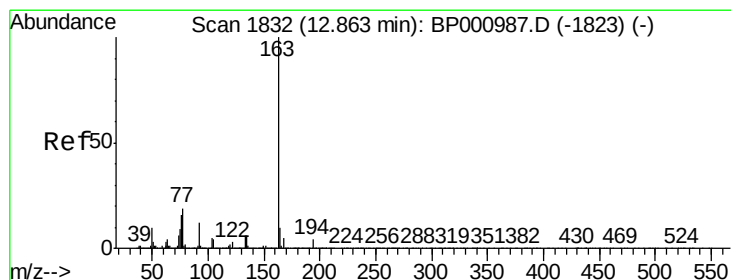
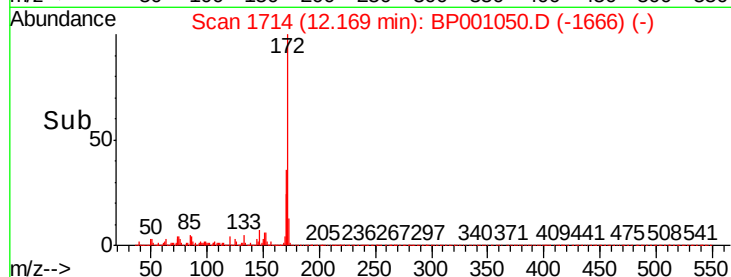
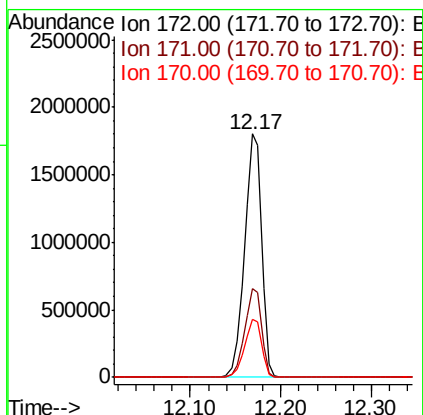
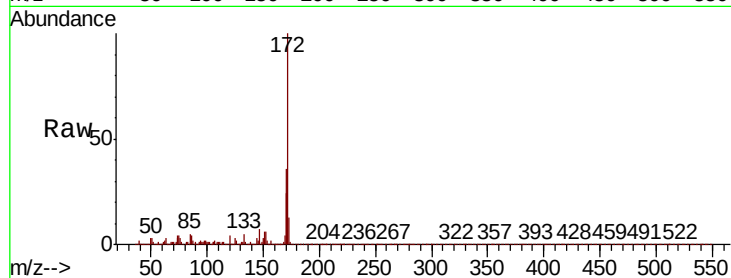




#45
2-Fluorobiphenyl
Concen: 72.055 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

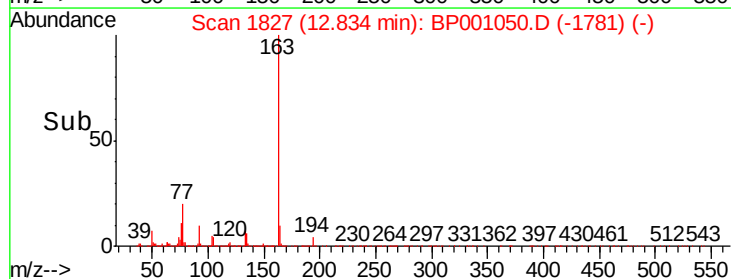
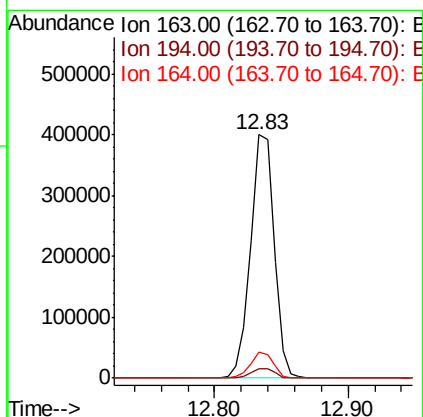
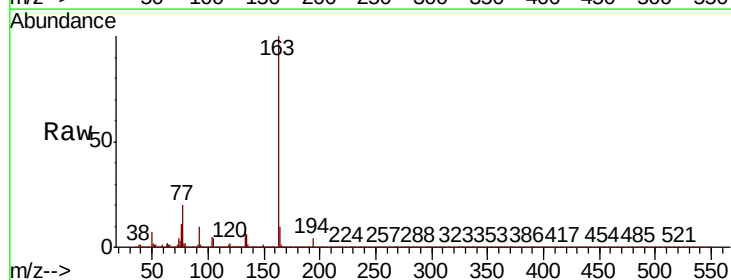
Instrument :
BNA_P
ClientSampleId :
9-(6-8)

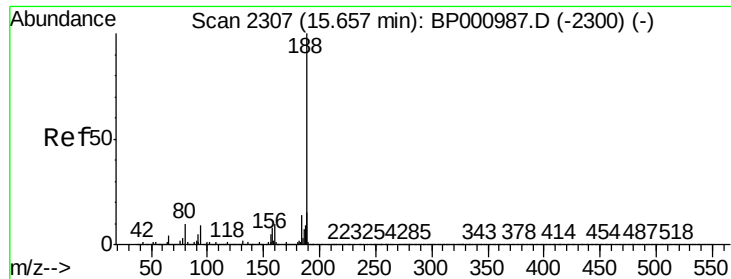
Tot Ion:172 Resp: 2337027
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 13.374 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

Tgt Ion:163 Resp: 483066
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampled :

9-(6-8)

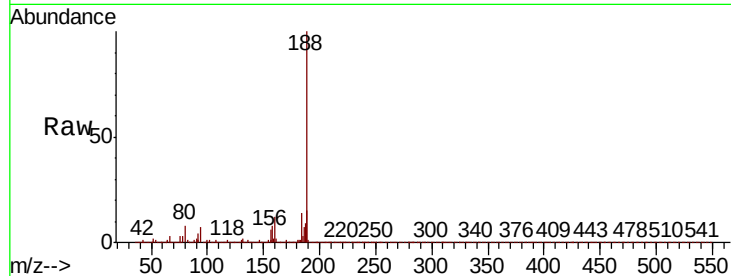
Tot Ion:188 Resp: 1011624

Ion Ratio Lower Upper

188 100

94 7.4 7.4 11.2#

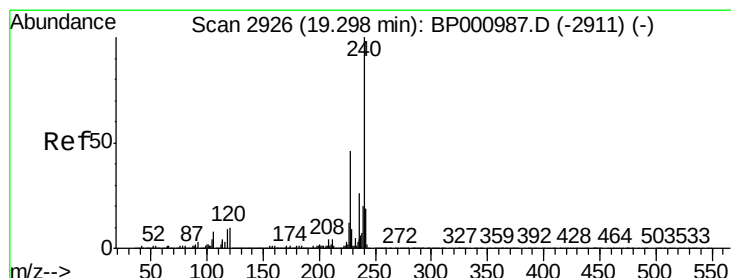
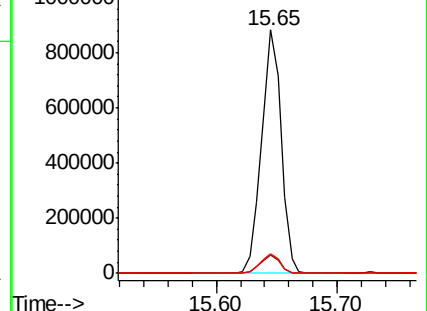
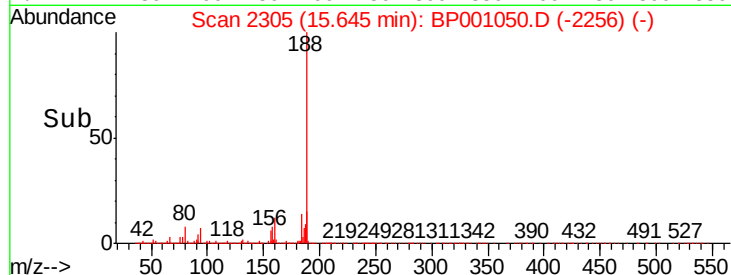
80 8.2 7.9 11.9



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: BP001050.D

Acq: 15 Nov 2019 20:26

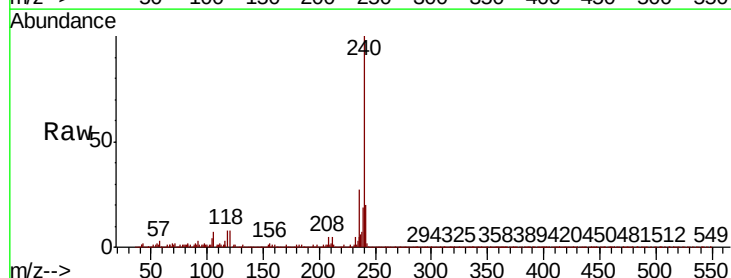
Tgt Ion:240 Resp: 777392

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

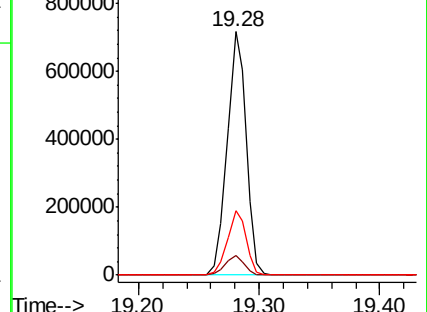
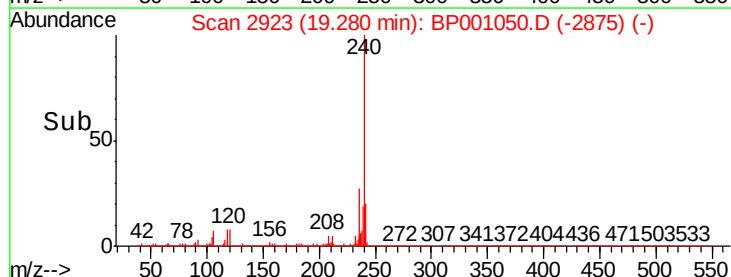
236 26.7 20.5 30.7

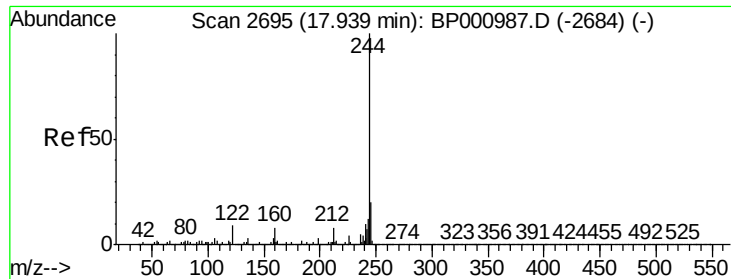


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.421 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampleId :

9-(6-8)

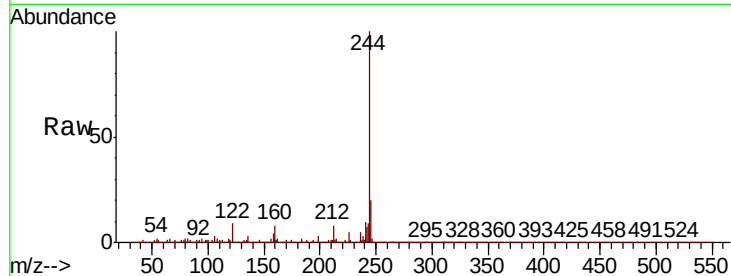
Tot Ion:244 Resp: 3064828

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

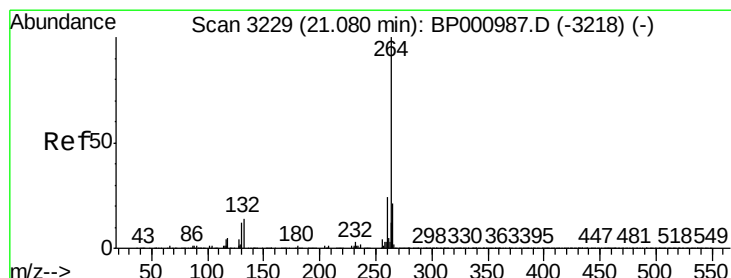
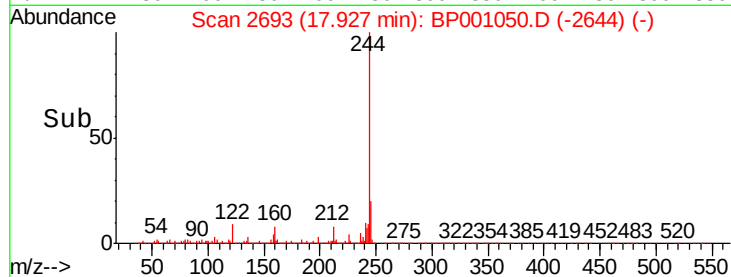
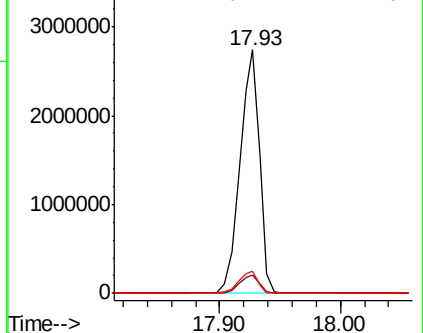
122 8.9 7.4 11.2



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: BP001050.D

Acq: 15 Nov 2019 20:26

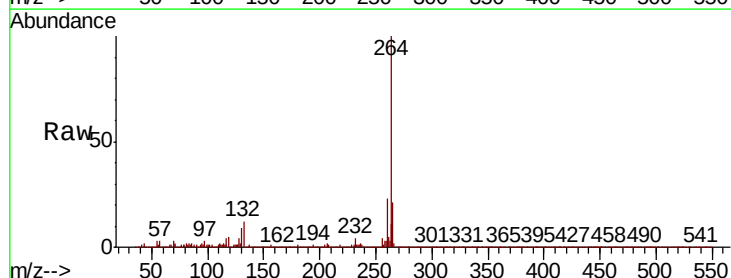
Tgt Ion:264 Resp: 810269

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.9 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

