

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001049.D
 Acq On : 15 Nov 2019 19:56
 Operator : JU
 Sample : K5832-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 9-(4-6)

Quant Time: Nov 16 04:19:07 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

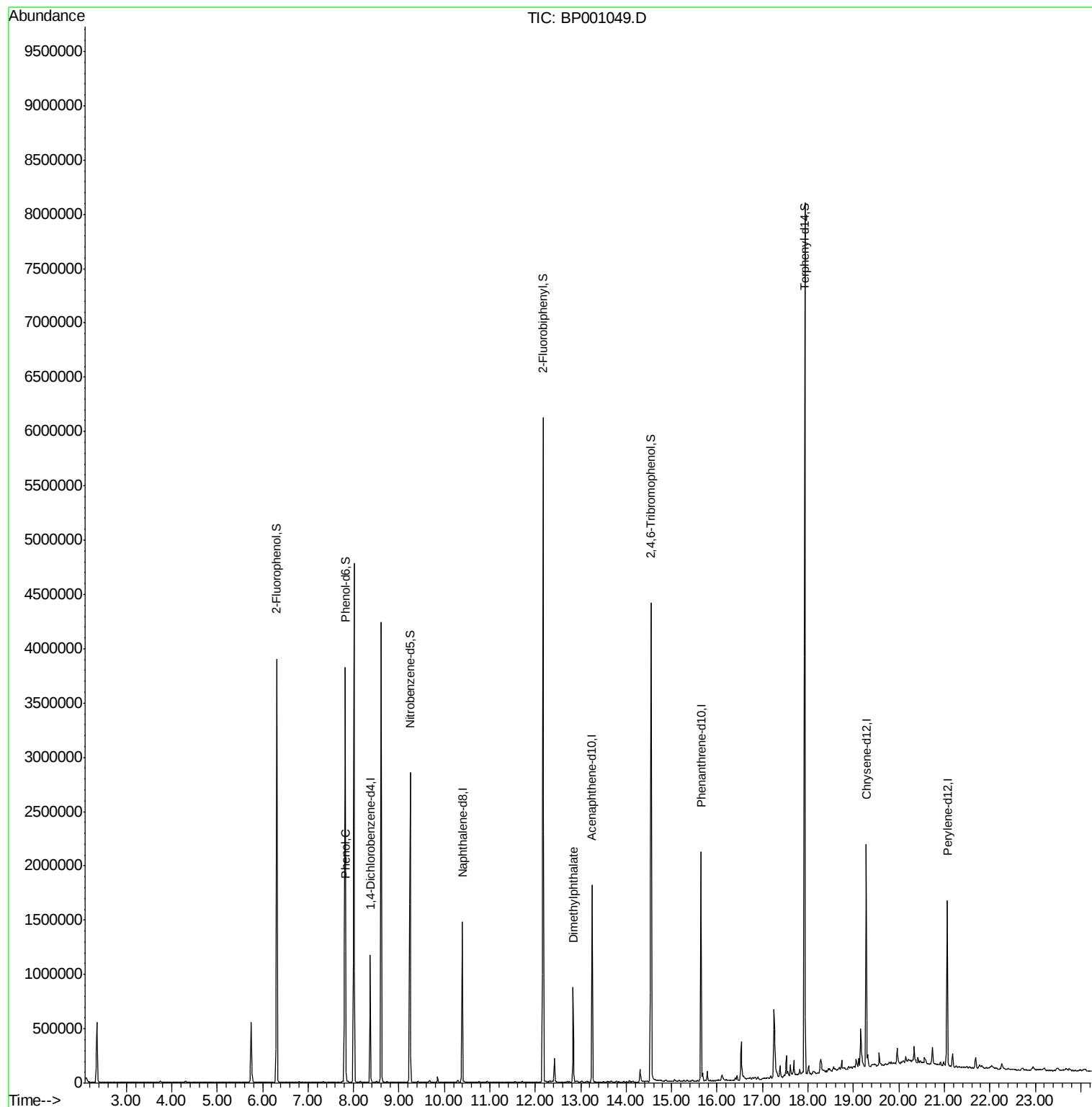
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	234352	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	863735	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	502633	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	1008694	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	754954	20.00	ng	-0.02
87) Perylene-d12	21.06	264	822765	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	1556509	120.89	ng	0.02
7) Phenol-d6	7.82	99	2008757	123.38	ng	0.00
23) Nitrobenzene-d5	9.25	82	1277396	81.81	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	833320	138.88	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2737212	82.02	ng	-0.01
79) Terphenyl-d14	17.93	244	3313384	87.30	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	64475	3.620	ng	96
50) Dimethylphthalate	12.84	163	462330	12.439	ng	99

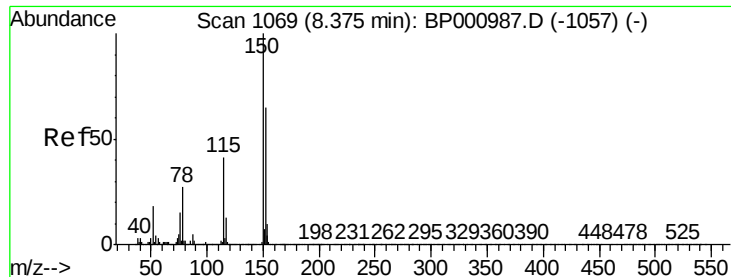
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001049.D

Acq: 15 Nov 2019 19:56

Instrument :

BNA_P

ClientSampleId :

9-(4-6)

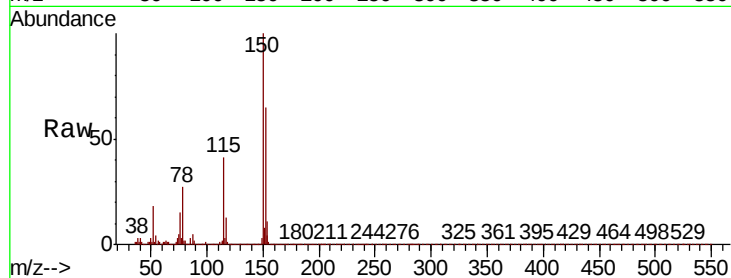
Tot Ion:152 Resp: 234352

Ion Ratio Lower Upper

152 100

150 154.3 123.6 185.4

115 63.2 50.1 75.1

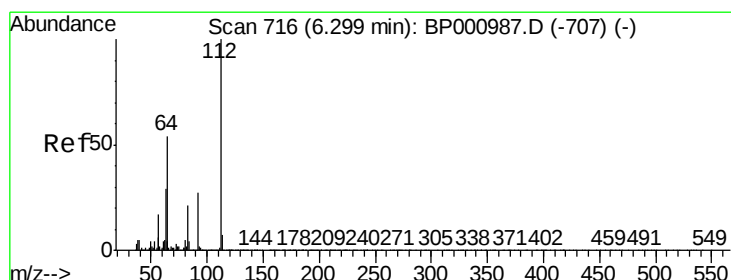
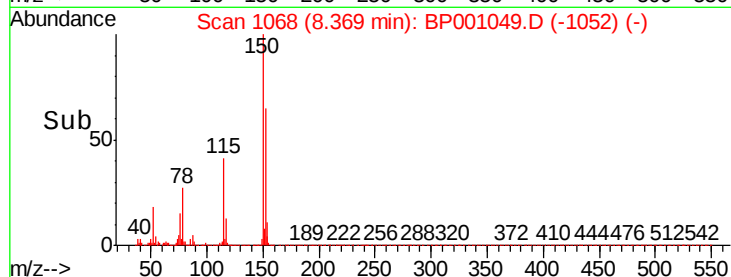
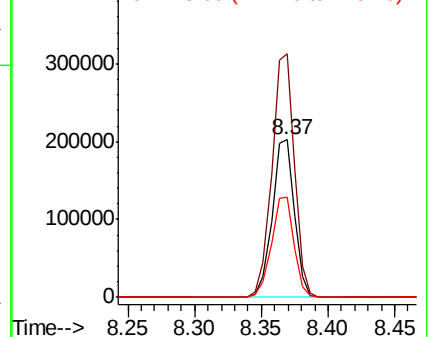


Abundance

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: 120.892 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.02 min

Lab File: BP001049.D

Acq: 15 Nov 2019 19:56

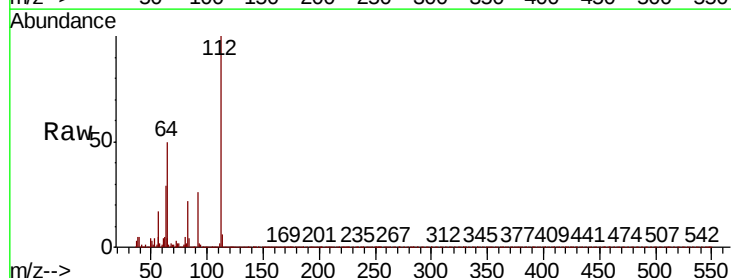
Tgt Ion:112 Resp: 1556509

Ion Ratio Lower Upper

112 100

64 49.6 43.4 65.0

63 28.7 23.4 35.0

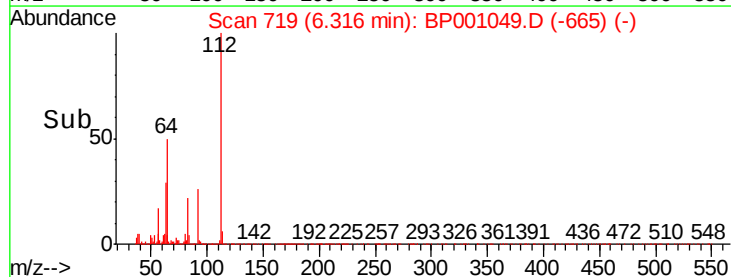
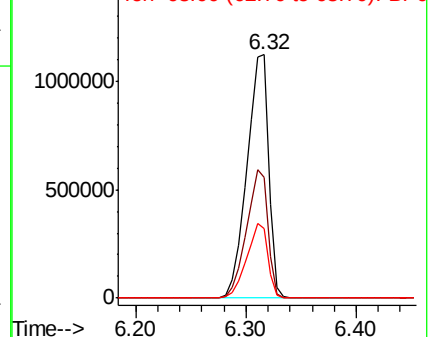


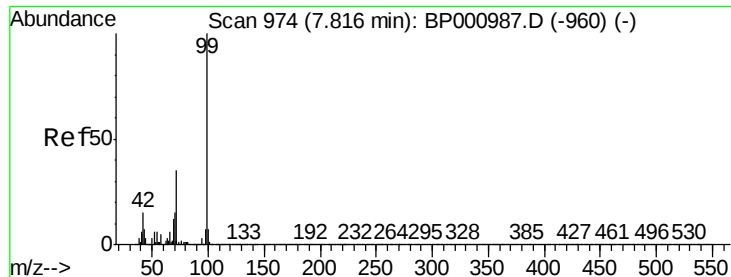
Abundance

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: 123.377 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001049.D

Acq: 15 Nov 2019 19:56

Instrument :

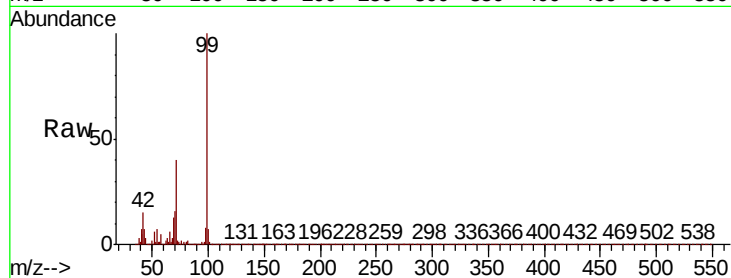
BNA_P

ClientSampleId :

9-(4-6)

Tot Ion: 99 Resp: 2008757

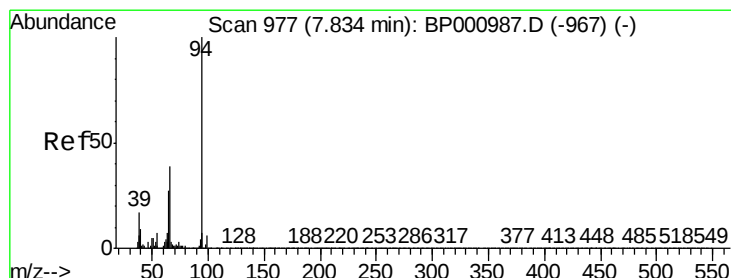
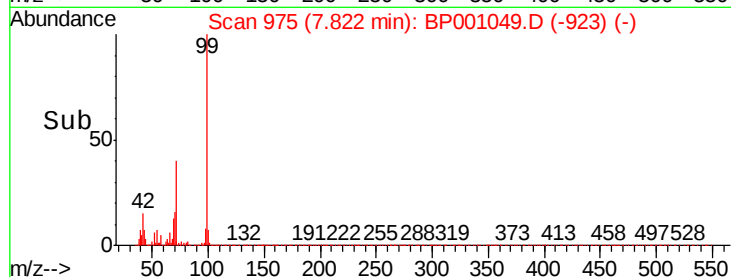
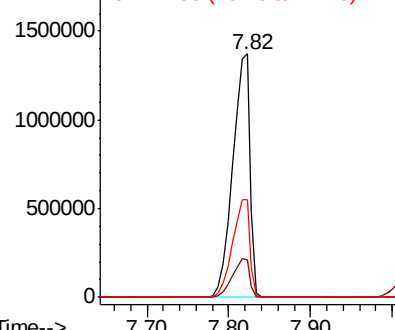
Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.6	17.4
71	40.0	28.0	42.0



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: 3.620 ng

RT: 7.83 min Scan# 977

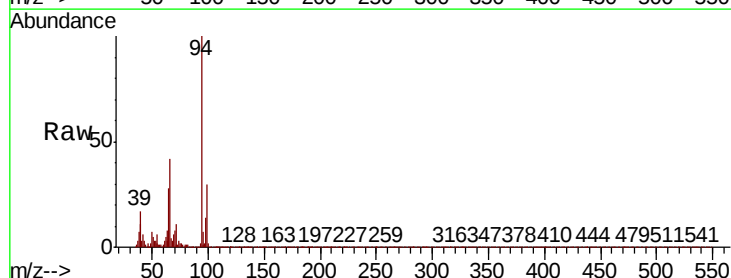
Delta R.T. -0.00 min

Lab File: BP001049.D

Acq: 15 Nov 2019 19:56

Tgt Ion: 94 Resp: 64475

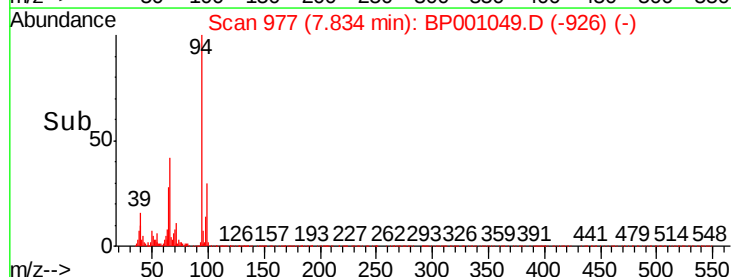
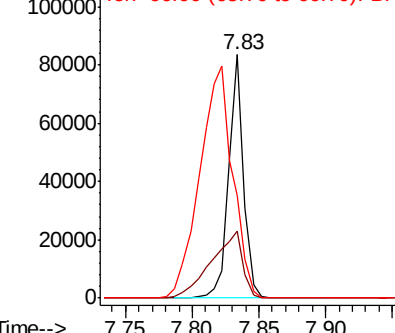
Ion	Ratio	Lower	Upper
94	100		
65	27.6	6.7	46.7
66	42.0	18.6	58.6

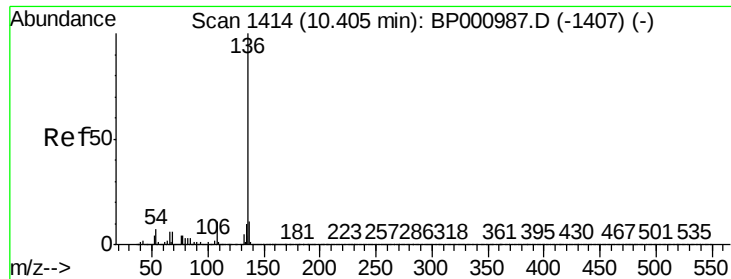


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

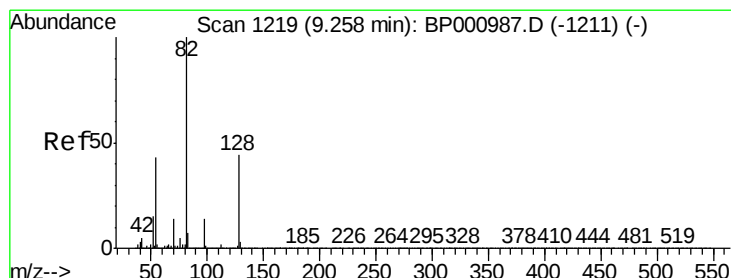
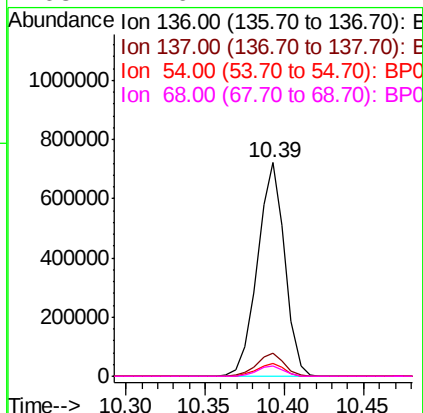
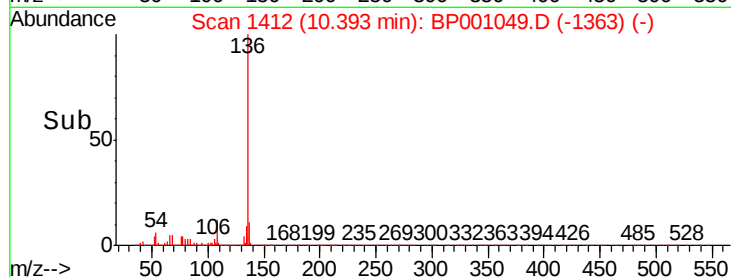
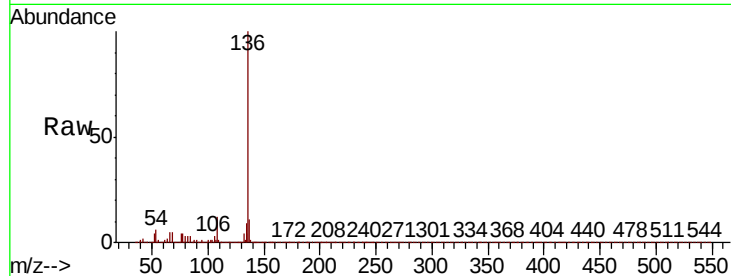




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001049.D
Acq: 15 Nov 2019 19:56

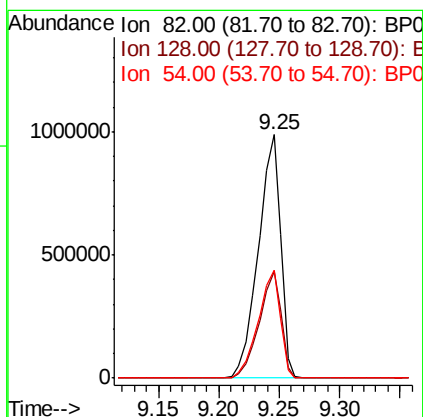
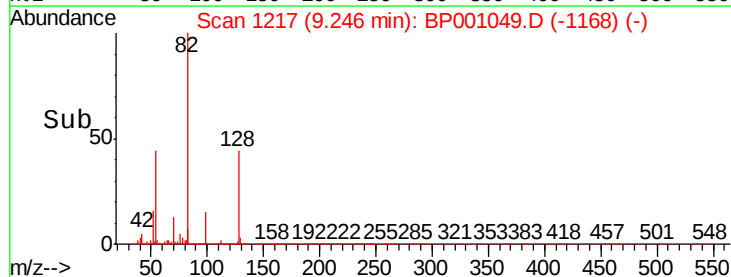
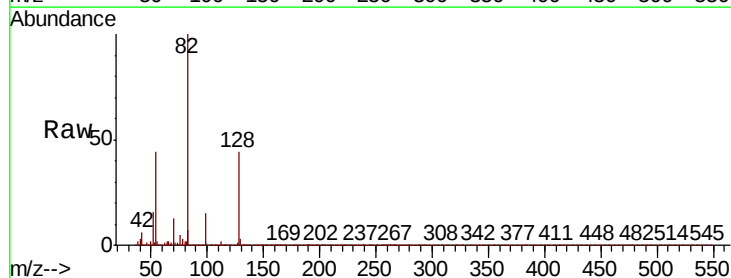
Instrument :
BNA_P
ClientSampleId :
9-(4-6)

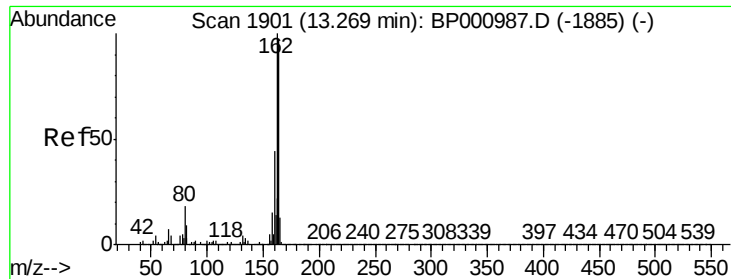
Tot Ion:136	Resp:	863735
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.0	13.6
54 5.9	5.4	8.2
68 4.6	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 81.809 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001049.D
Acq: 15 Nov 2019 19:56

Tgt Ion: 82	Resp: 1277396
Ion Ratio	Lower Upper
82 100	
128 43.7	35.3 52.9
54 44.5	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: BP001049.D

Acq: 15 Nov 2019 19:56

Instrument :

BNA_P

ClientSampled :

9-(4-6)

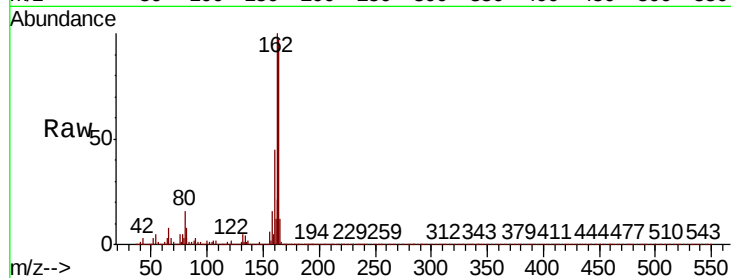
Tot Ion:164 Resp: 502633

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

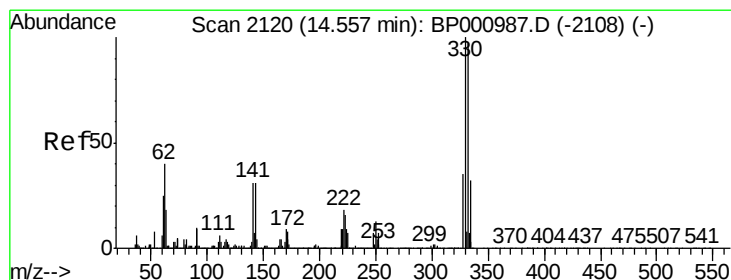
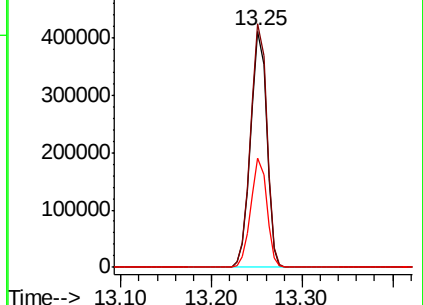
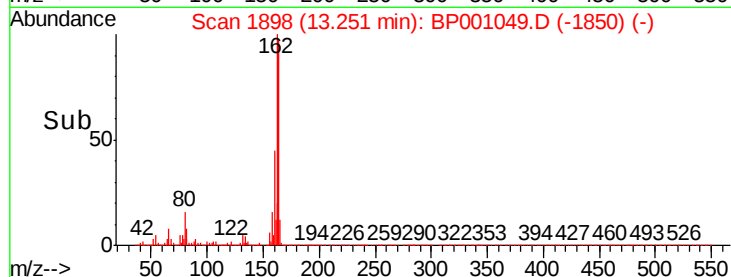
160 46.5 36.5 54.7



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: 138.880 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP001049.D

Acq: 15 Nov 2019 19:56

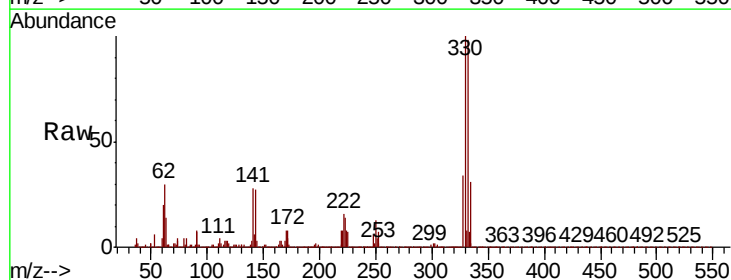
Tgt Ion:330 Resp: 833320

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

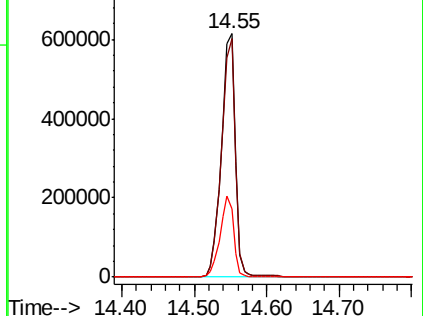
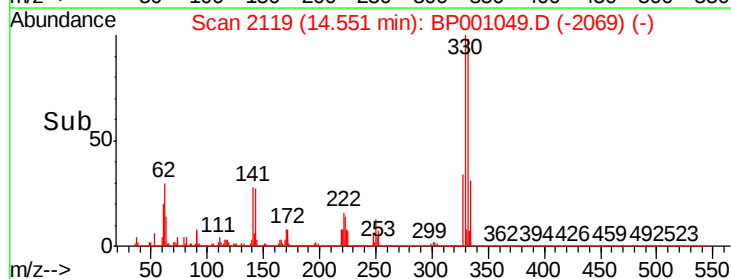
141 32.4 25.0 37.4

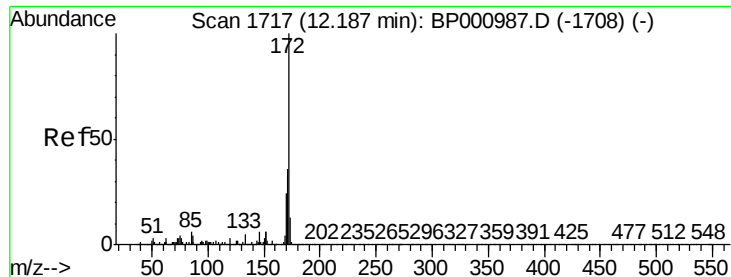


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

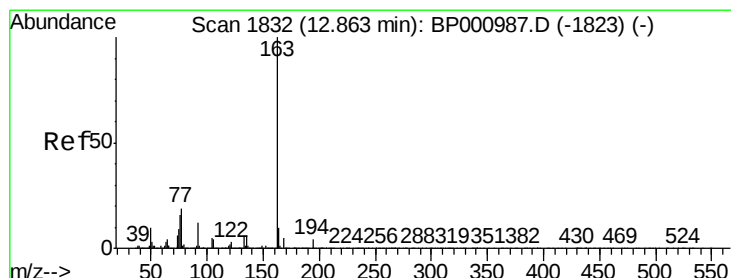
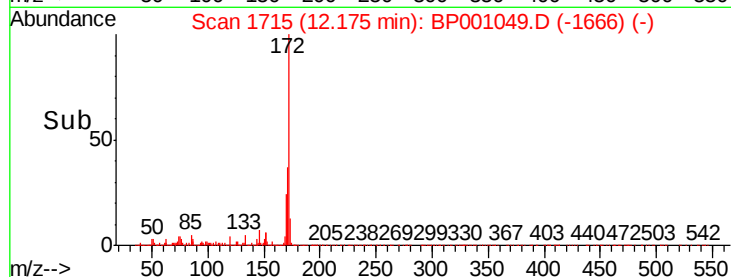
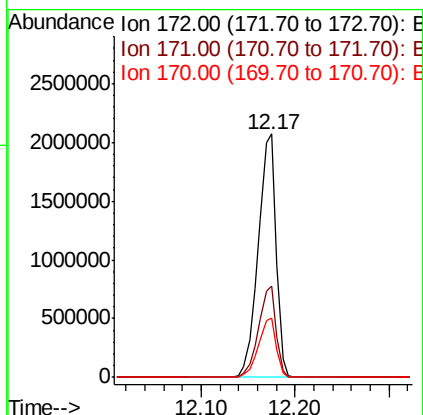
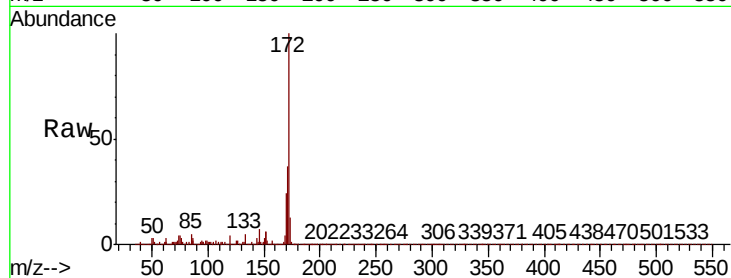




#45
2-Fluorobiphenyl
Concen: 82.018 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001049.D
Acq: 15 Nov 2019 19:56

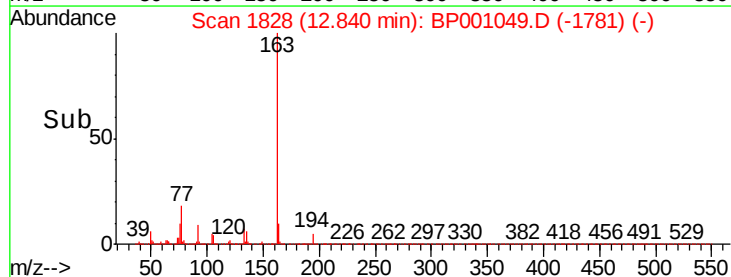
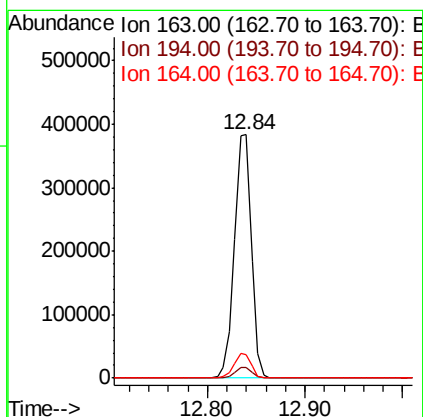
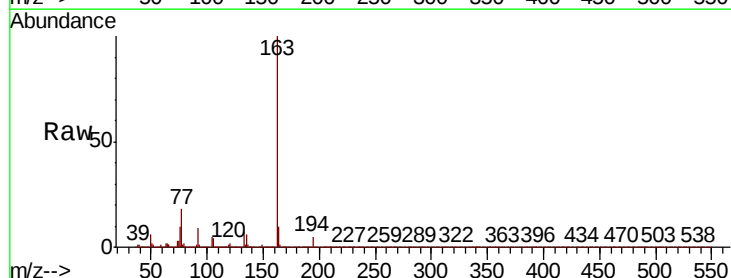
Instrument :
BNA_P
ClientSampleId :
9-(4-6)

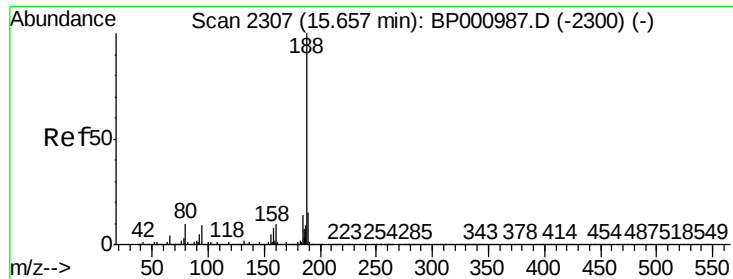
Tot Ion:172 Resp: 2737212
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 24.3 18.9 28.3



#50
Dimethylphthalate
Concen: 12.439 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001049.D
Acq: 15 Nov 2019 19:56

Tgt Ion:163 Resp: 462330
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.6 7.9 11.9

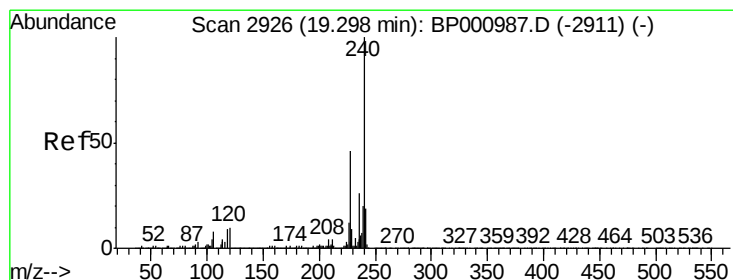
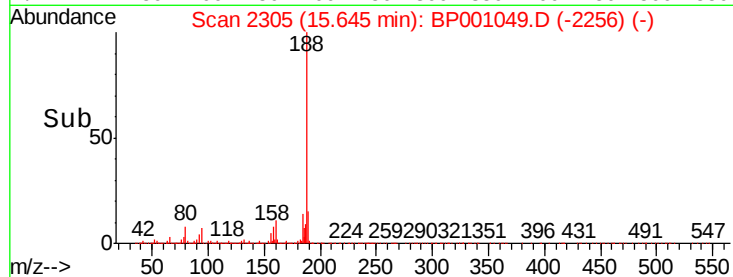
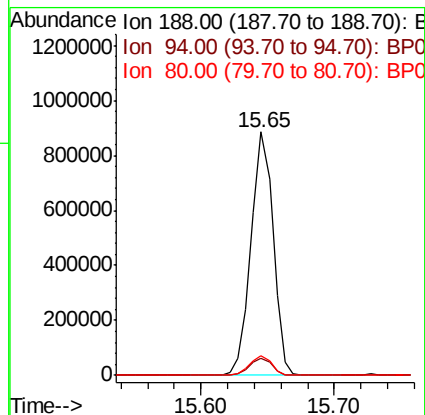
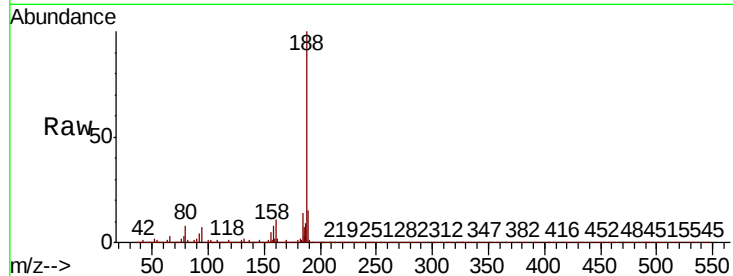




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001049.D
Acq: 15 Nov 2019 19:56

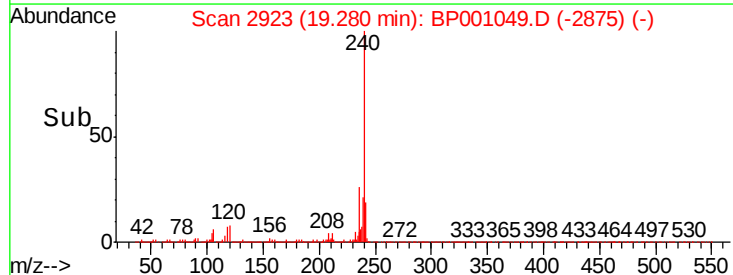
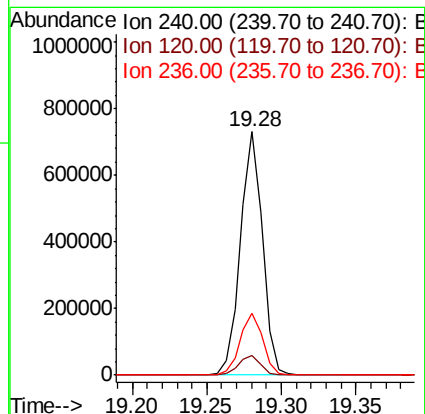
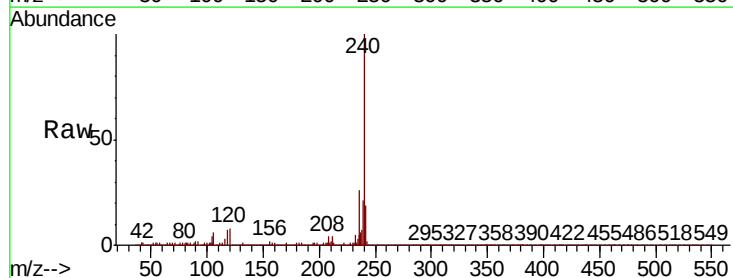
Instrument :
BNA_P
ClientSampleId :
9-(4-6)

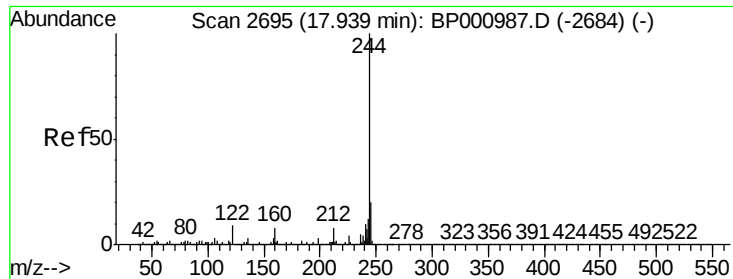
Tot Ion:188 Resp: 1008694
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 7.9 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.02 min
Lab File: BP001049.D
Acq: 15 Nov 2019 19:56

Tgt Ion:240 Resp: 754954
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 87.301 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001049.D

Acq: 15 Nov 2019 19:56

Instrument :

BNA_P

ClientSampleId :

9-(4-6)

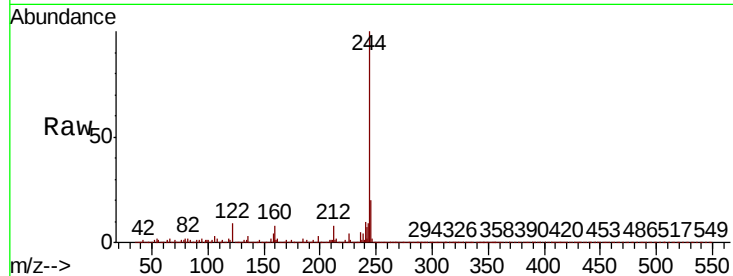
Tot Ion:244 Resp: 3313384

Ion Ratio Lower Upper

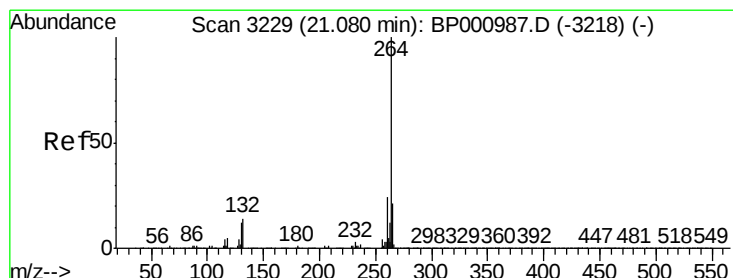
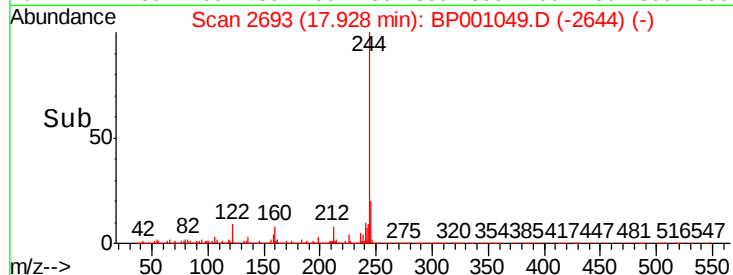
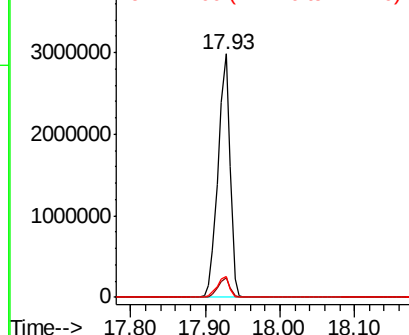
244 100

212 7.9 6.0 9.0

122 8.7 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: BP001049.D

Acq: 15 Nov 2019 19:56

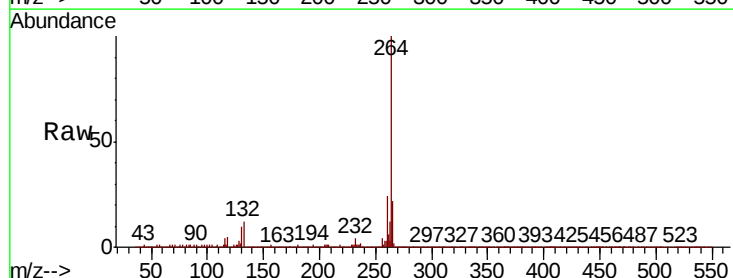
Tgt Ion:264 Resp: 822765

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.9 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

