

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001045.D
 Acq On : 15 Nov 2019 17:55
 Operator : JU
 Sample : K5832-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 10-(2-4)

Quant Time: Nov 16 03:57:41 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

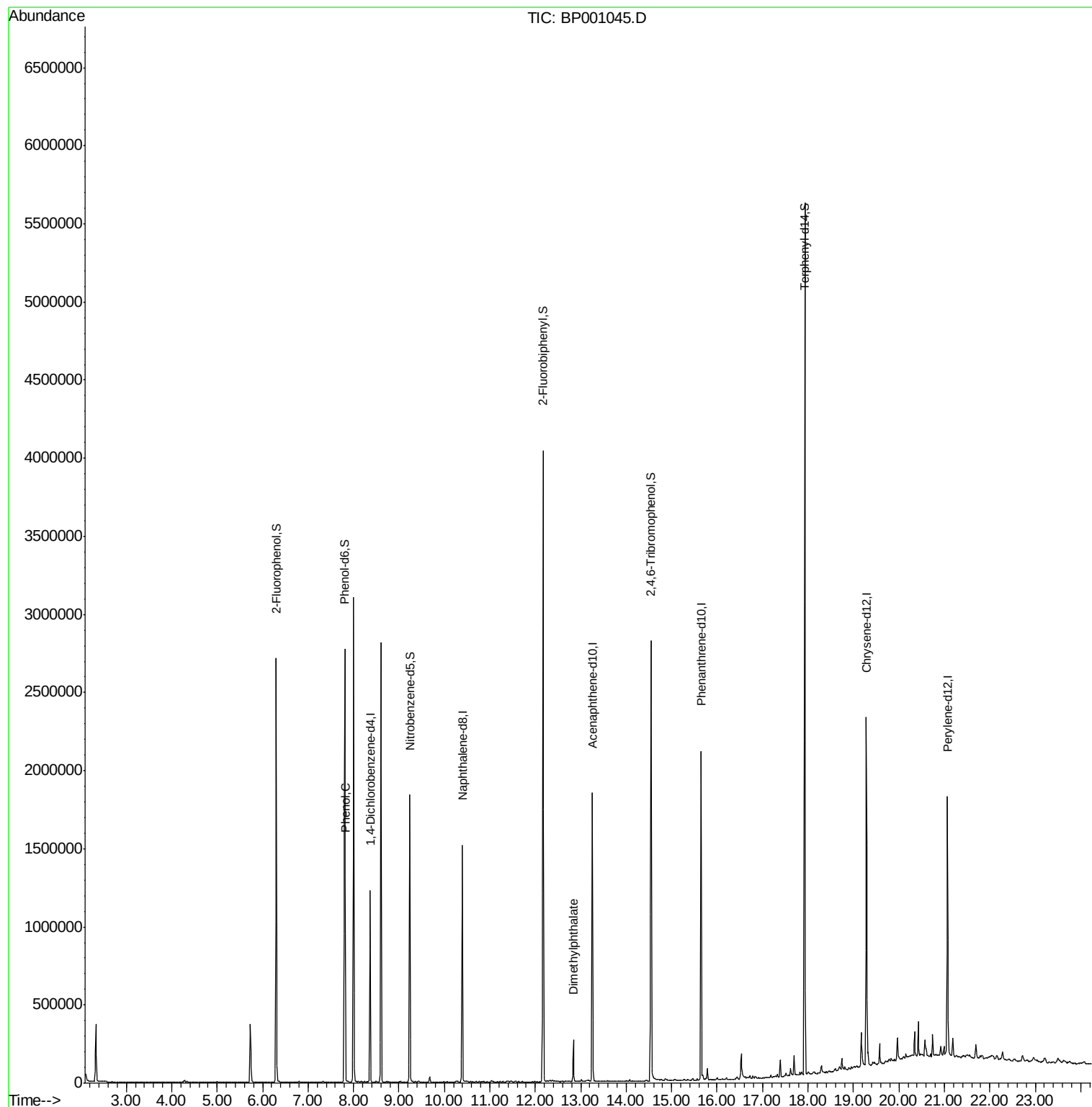
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	237372	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	870387	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	517223	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1017822	20.00	ng	0.00
76) Chrysene-d12	19.29	240	822806	20.00	ng	-0.01
87) Perylene-d12	21.07	264	868924	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	959699	73.59	ng	0.00
7) Phenol-d6	7.81	99	1253212	75.99	ng	0.00
23) Nitrobenzene-d5	9.24	82	779005	49.51	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	503243	81.50	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1725500	50.24	ng	-0.02
79) Terphenyl-d14	17.93	244	2192113	52.99	ng	-0.01
Target Compounds						
10) Phenol	7.82	94	78151	4.333	ng	90
50) Dimethylphthalate	12.84	163	139367	3.644	ng	100

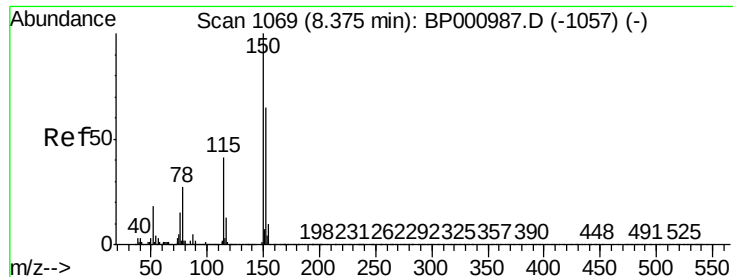
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampleId :

10-(2-4)

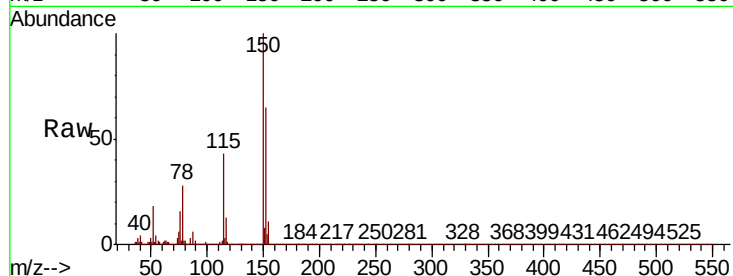
Tot Ion:152 Resp: 237372

Ion Ratio Lower Upper

152 100

150 154.6 123.6 185.4

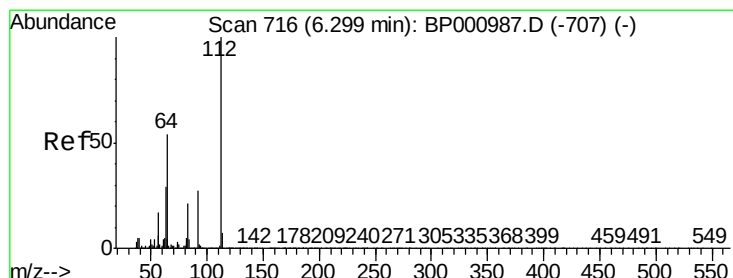
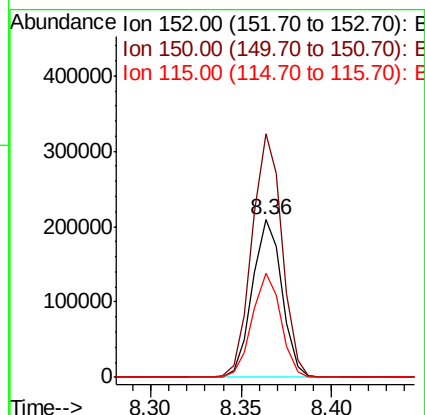
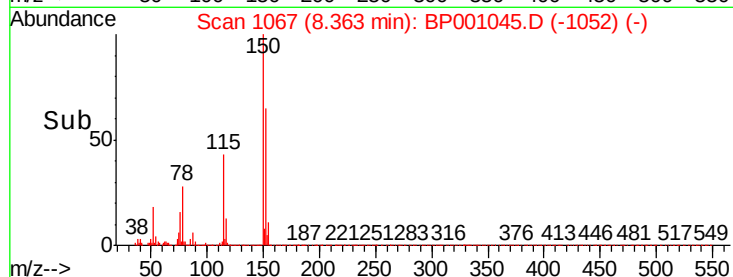
115 66.1 50.1 75.1



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: 73.590 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

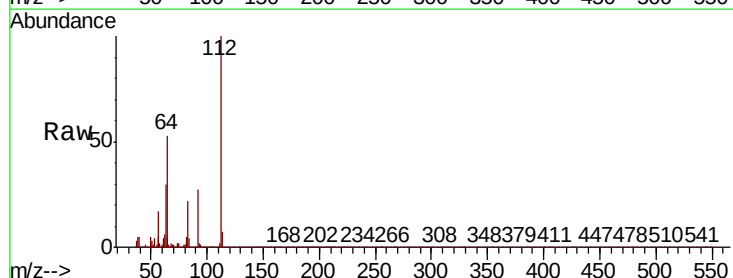
Tgt Ion:112 Resp: 959699

Ion Ratio Lower Upper

112 100

64 53.2 43.4 65.0

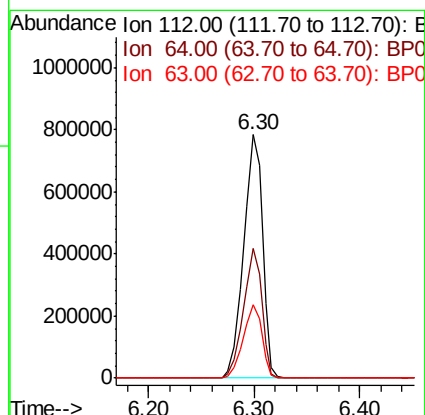
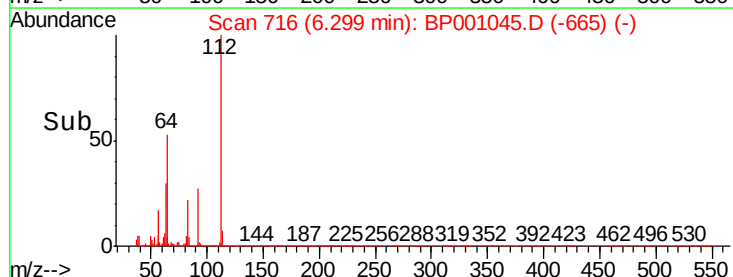
63 30.2 23.4 35.0

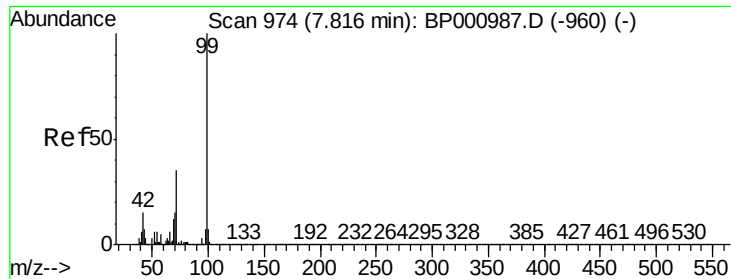


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 75.992 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampleId :

10-(2-4)

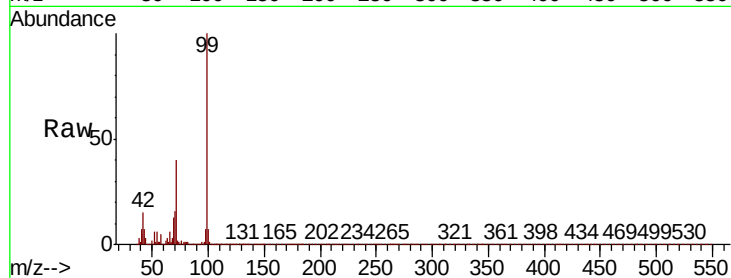
Tot Ion: 99 Resp: 1253212

Ion Ratio Lower Upper

99 100

42 15.4 11.6 17.4

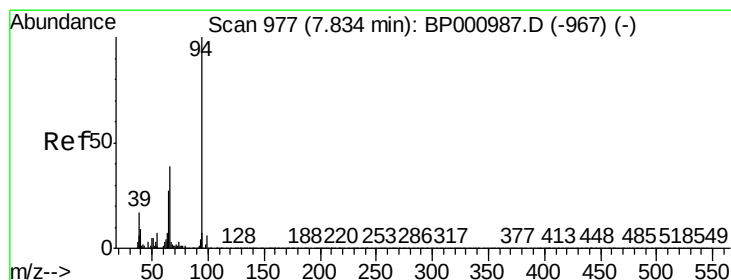
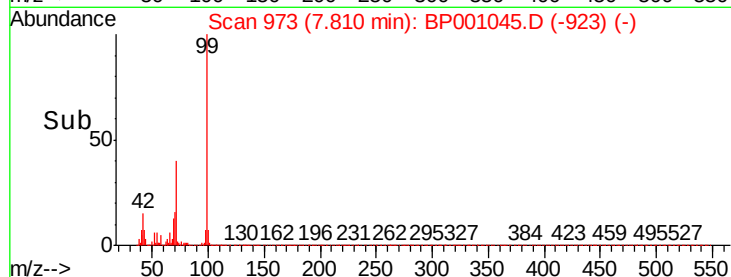
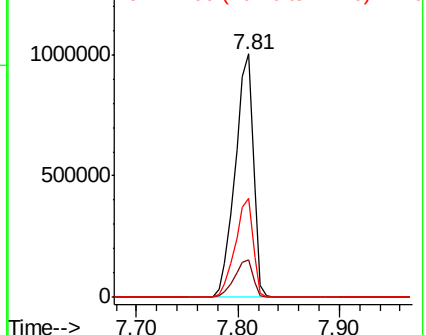
71 40.4 28.0 42.0



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: 4.333 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

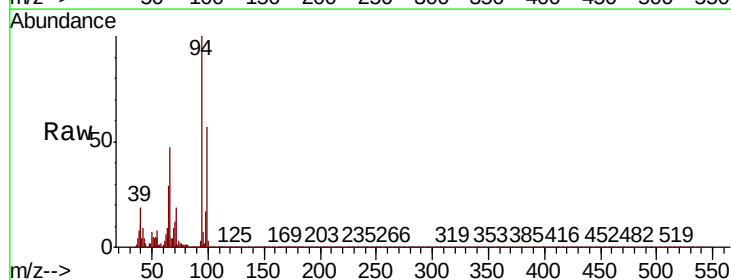
Tgt Ion: 94 Resp: 78151

Ion Ratio Lower Upper

94 100

65 29.0 6.7 46.7

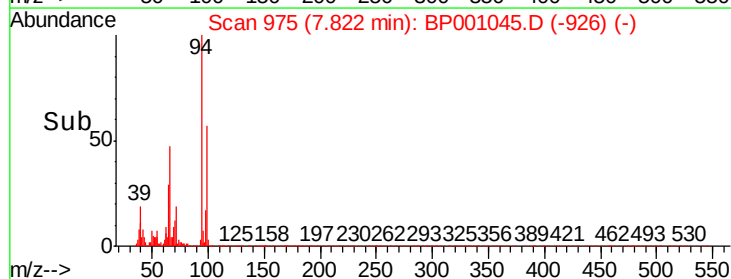
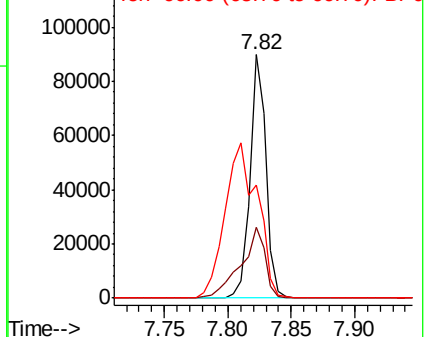
66 46.6 18.6 58.6

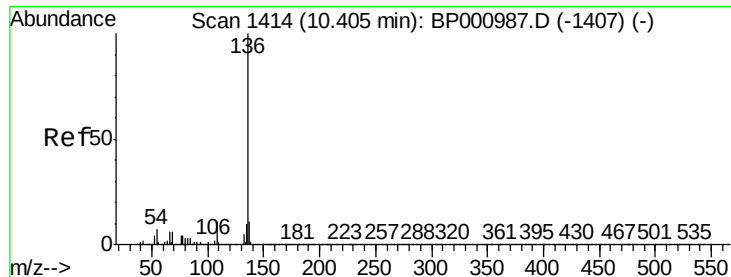


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

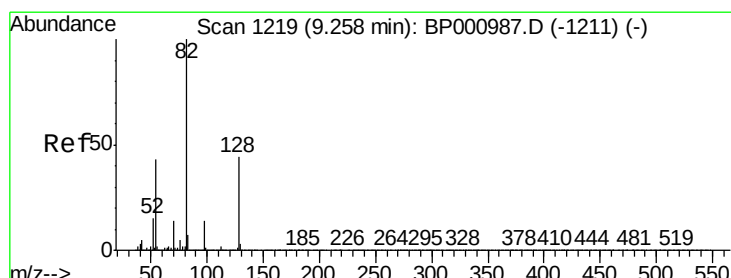
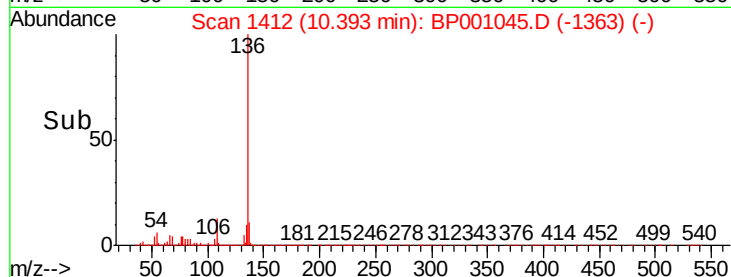
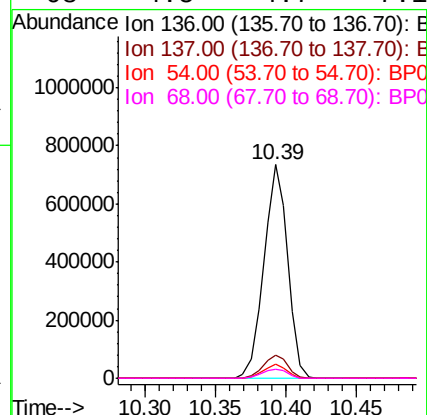
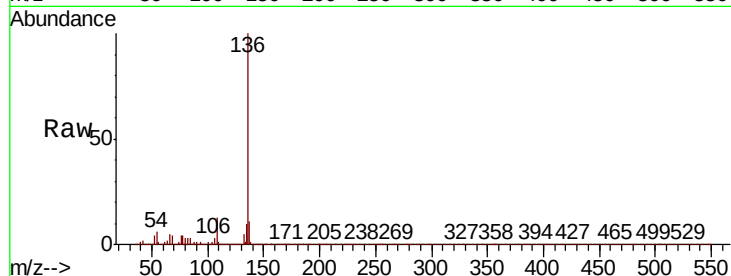




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

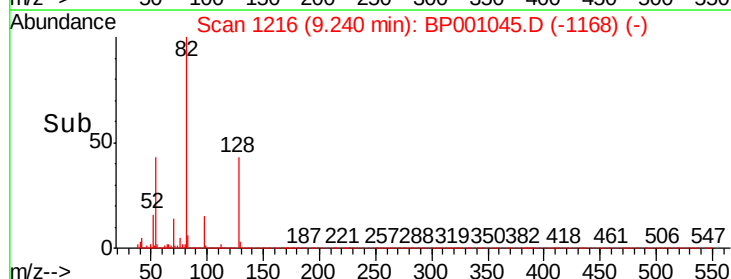
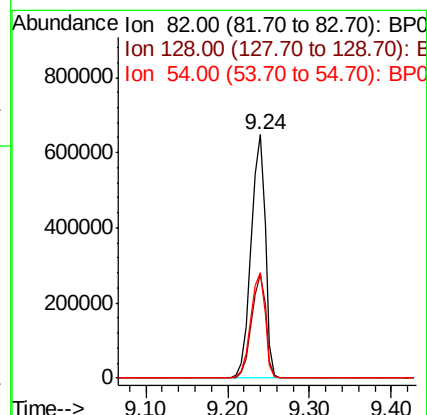
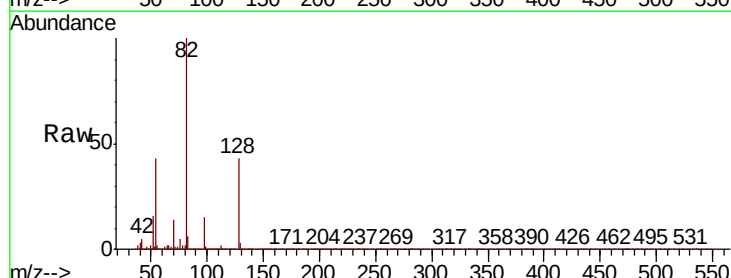
Instrument :
BNA_P
ClientSampleId :
10-(2-4)

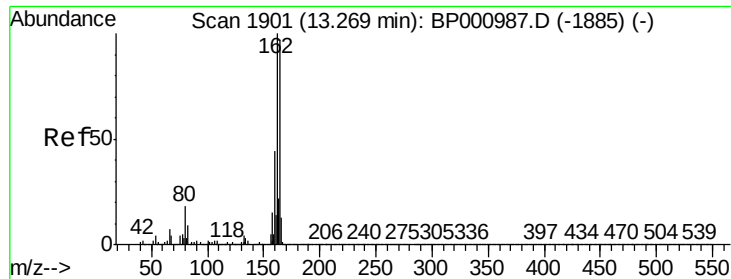
Tot Ion:136	Resp:	870387
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.6
54	6.4	5.4 8.2
68	4.5	4.7 7.1#



#23
Nitrobenzene-d5
Concen: 49.509 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

Tgt Ion: 82	Resp:	779005
Ion	Ratio	Lower Upper
82	100	
128	42.6	35.3 52.9
54	43.2	34.3 51.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

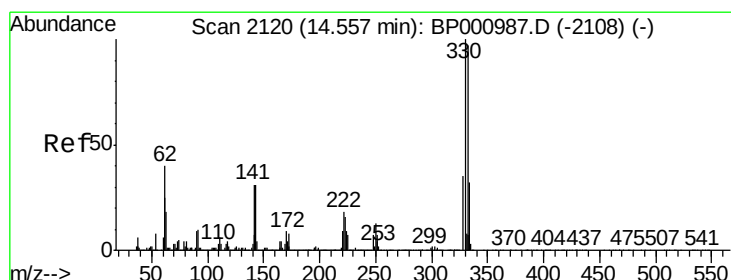
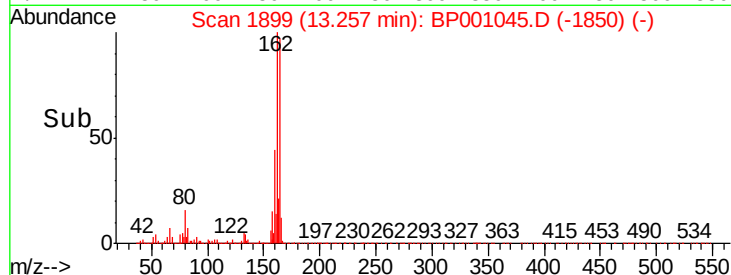
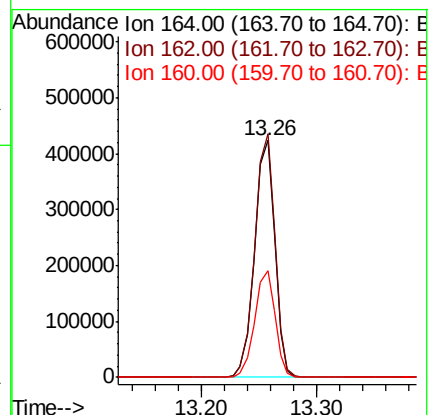
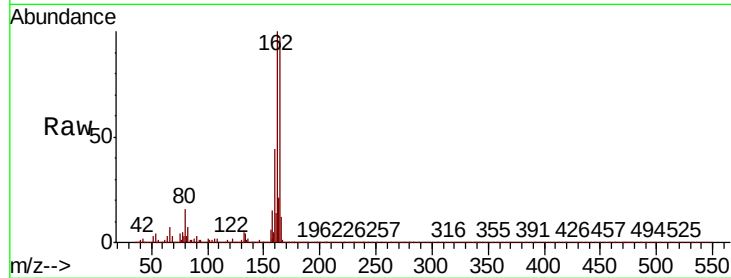
BNA_P

ClientSampleID :

10-(2-4)

Tot Ion:164 Resp: 517223

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.2	36.5	54.7



#42

2,4,6-Tribromophenol

Concen: 81.504 ng

RT: 14.55 min Scan# 2118

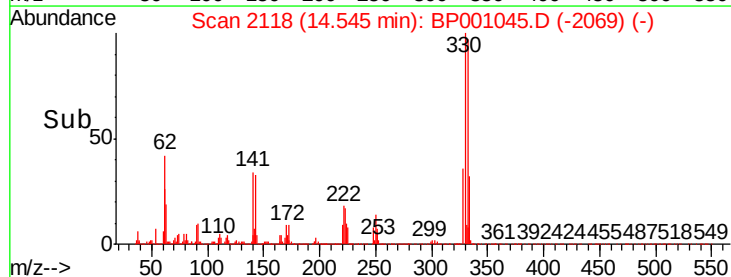
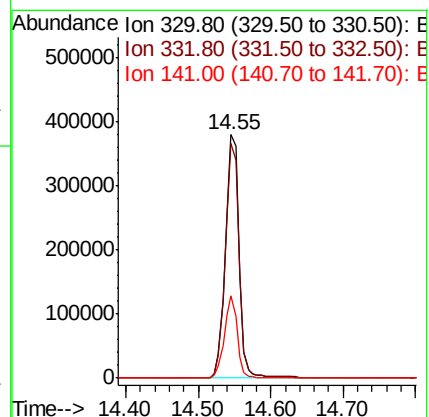
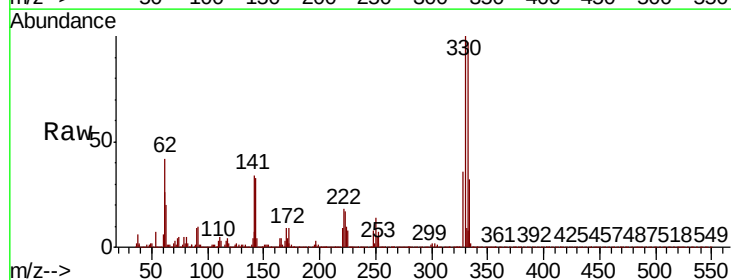
Delta R.T. -0.01 min

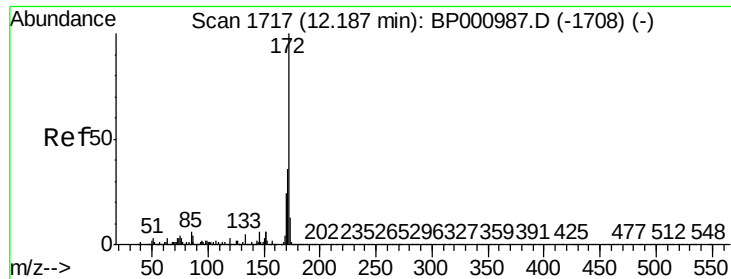
Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Tgt Ion:330 Resp: 503243

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.3	117.5
141	31.9	25.0	37.4

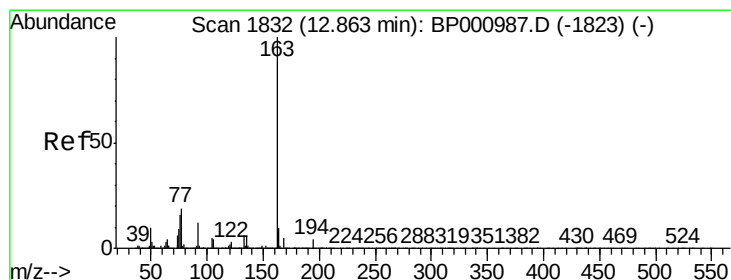
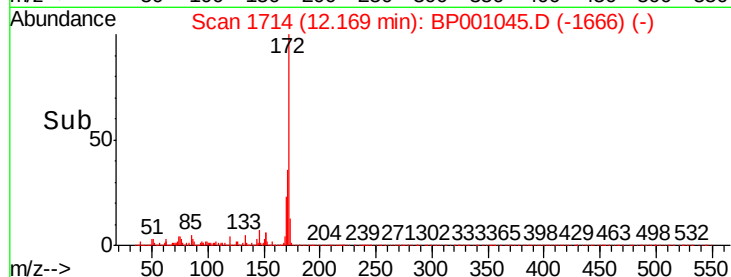
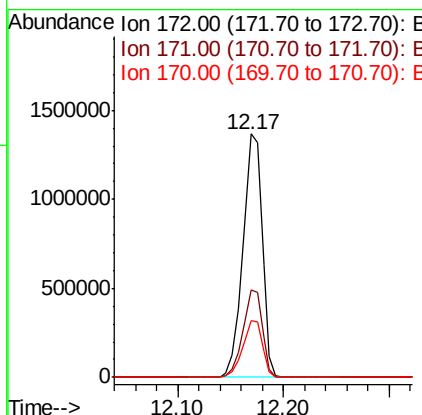
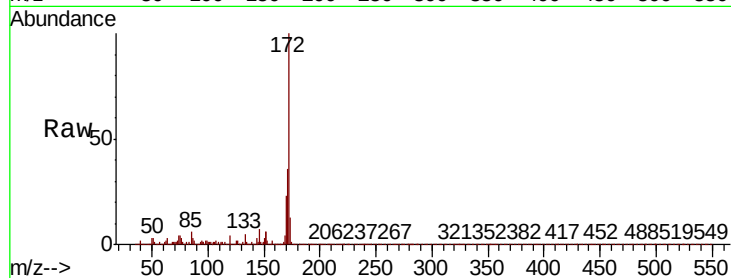




#45
2-Fluorobiphenyl
Concen: 50.245 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

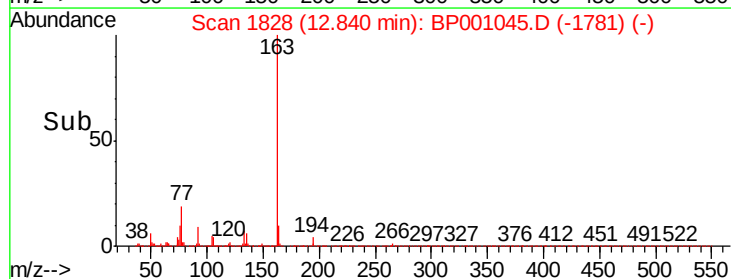
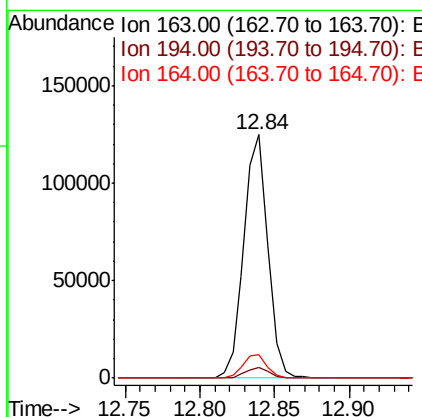
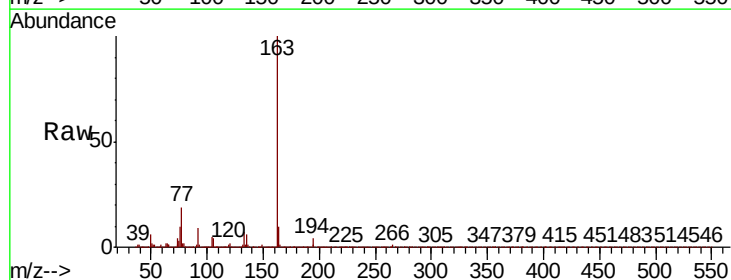
Instrument :
BNA_P
ClientSampleId :
10-(2-4)

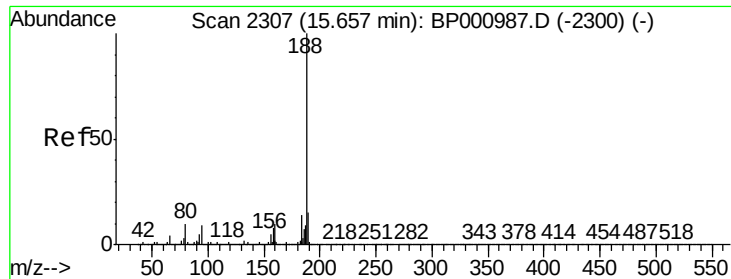
Tot Ion:172 Resp: 1725500
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 3.644 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

Tgt Ion:163 Resp: 139367
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampleId :

10-(2-4)

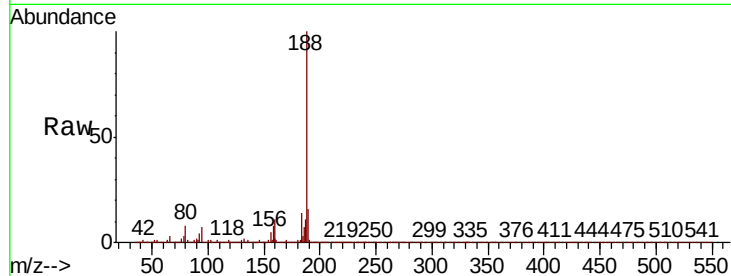
Tot Ion:188 Resp: 1017822

Ion Ratio Lower Upper

188 100

94 7.2 7.4 11.2#

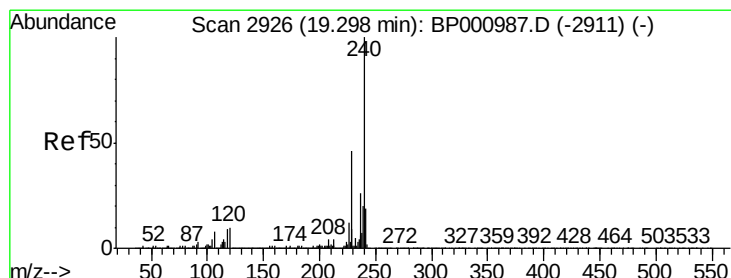
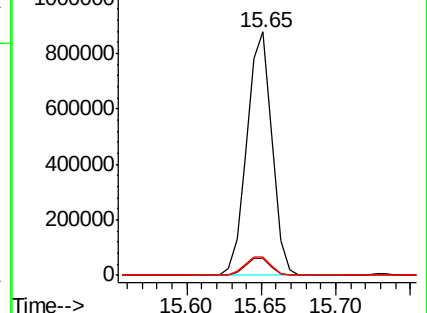
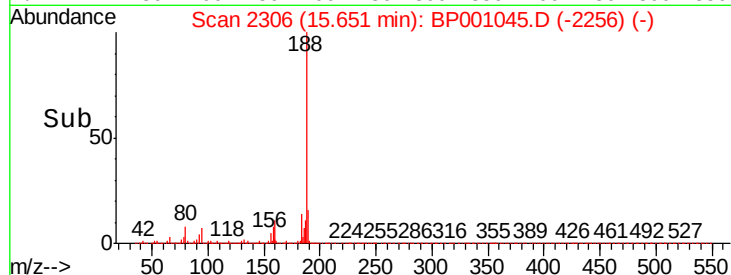
80 7.7 7.9 11.9#



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: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

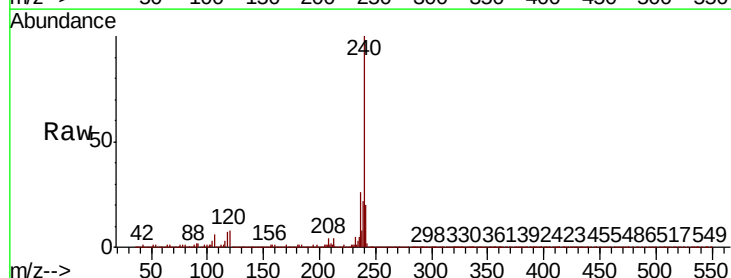
Tgt Ion:240 Resp: 822806

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2#

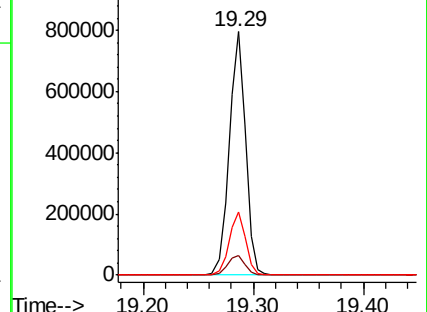
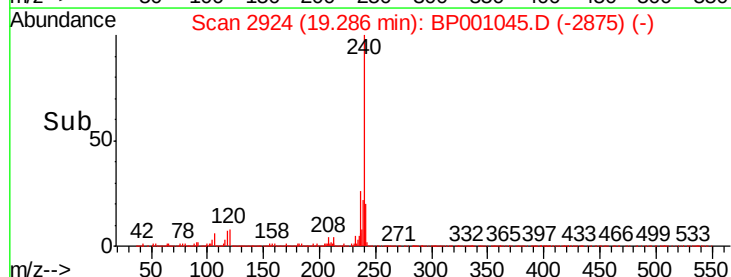
236 26.0 20.5 30.7

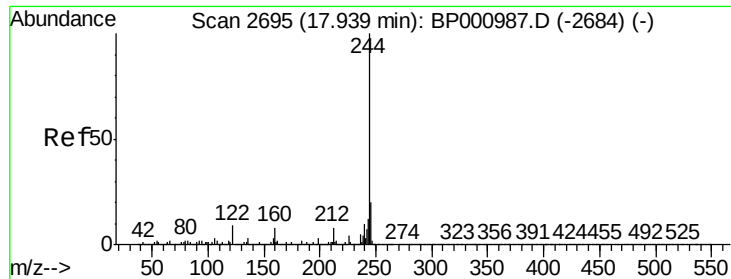


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.995 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampleId :

10-(2-4)

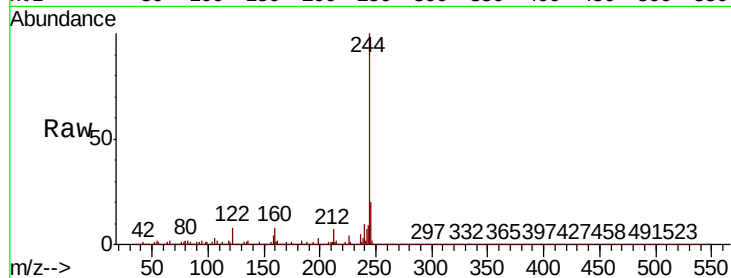
Tot Ion:244 Resp: 2192113

Ion Ratio Lower Upper

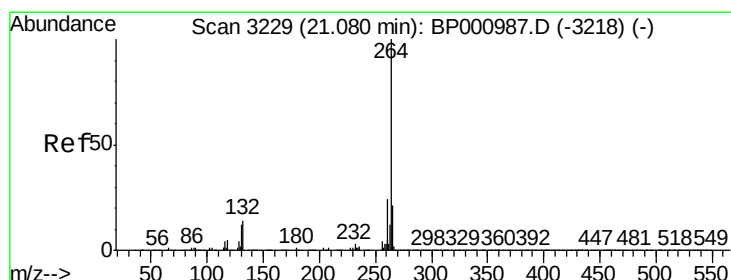
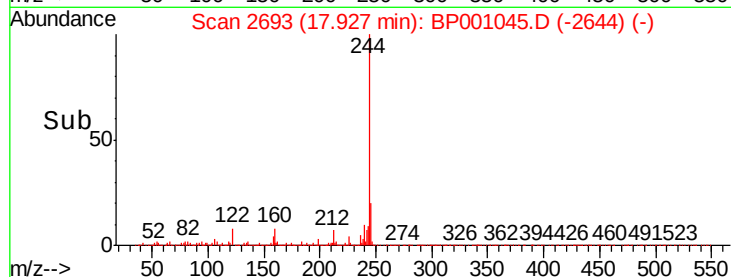
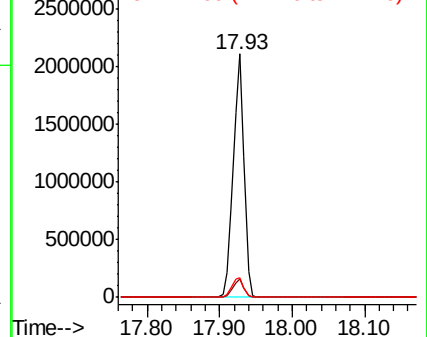
244 100

212 7.5 6.0 9.0

122 8.2 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: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

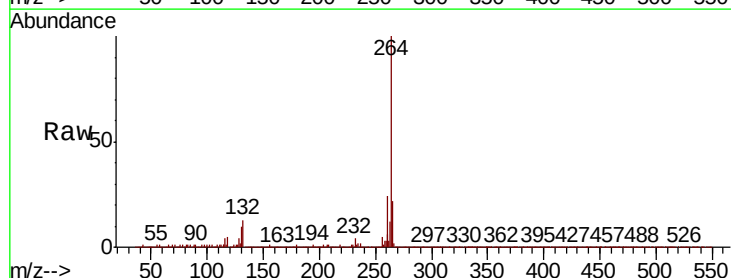
Tgt Ion:264 Resp: 868924

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.2 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

