

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001398.D
 Acq On : 24 Dec 2019 21:04
 Operator : JU
 Sample : K6406-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C-MUCK_12.20.19

Quant Time: Dec 25 05:00:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

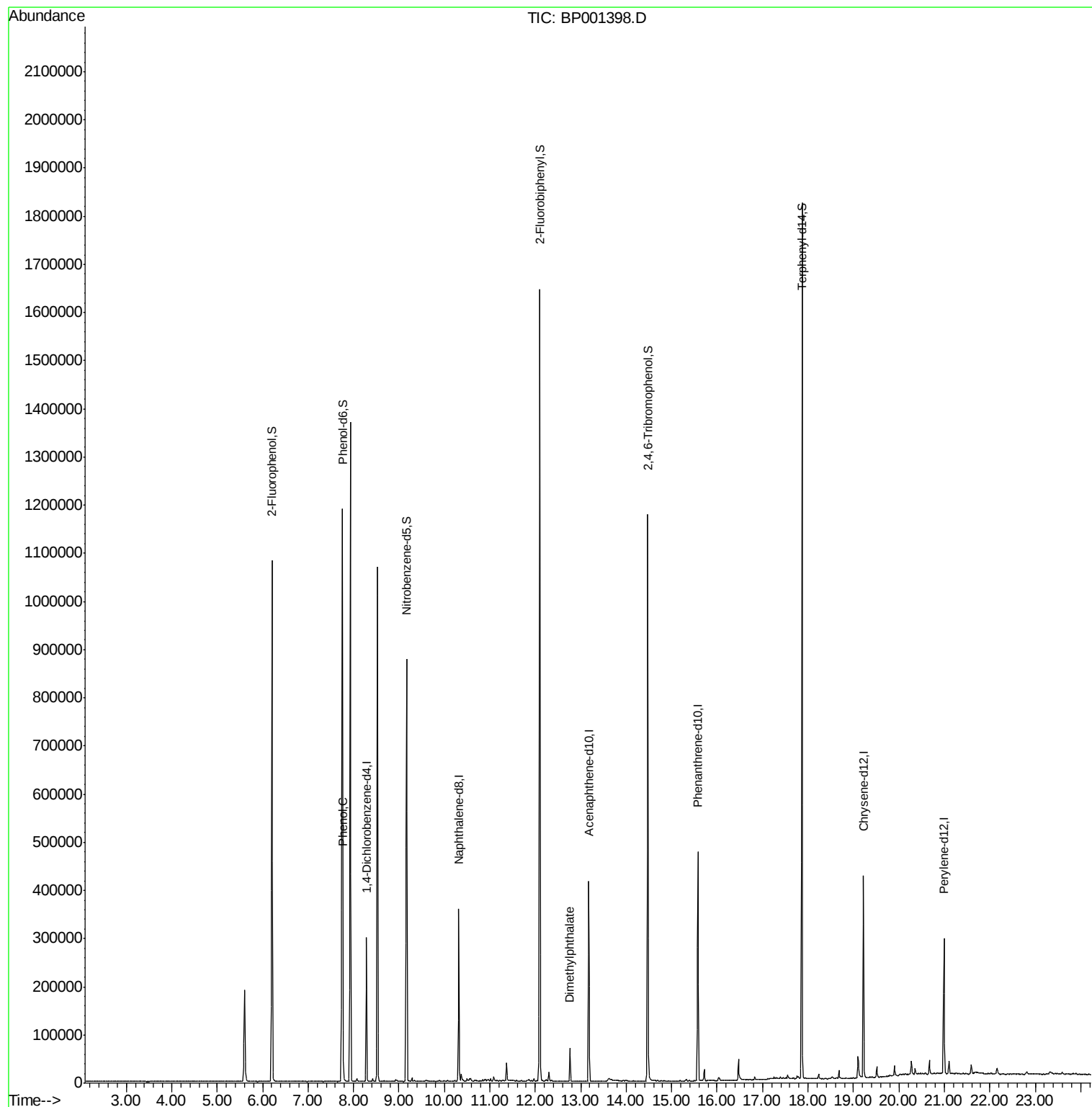
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	47044	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	174382	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	110206	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	215913	20.00	ng	0.00
76) Chrysene-d12	19.22	240	147972	20.00	ng	0.00
87) Perylene-d12	20.99	264	142148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	332872	114.36	ng	0.01
7) Phenol-d6	7.76	99	498058	131.13	ng	0.00
23) Nitrobenzene-d5	9.17	82	351264	77.35	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	156750	113.77	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	617665	70.87	ng	0.00
79) Terphenyl-d14	17.87	244	703084	81.38	ng	0.00
Target Compounds						
10) Phenol	7.77	94	17315	3.990	ng	Qvalue # 80
50) Dimethylphthalate	12.76	163	29252	3.235	ng	96

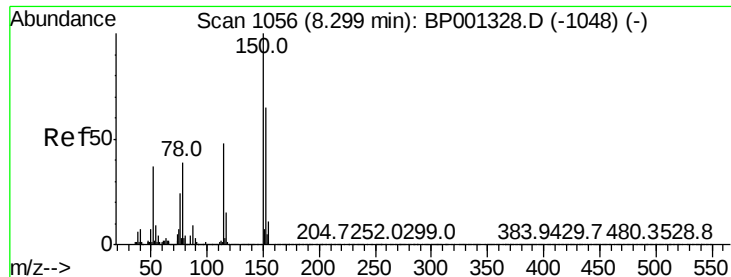
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001398.D

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Instrument :

BNA_P

ClientSampleId :

C-MUCK 12.20.19

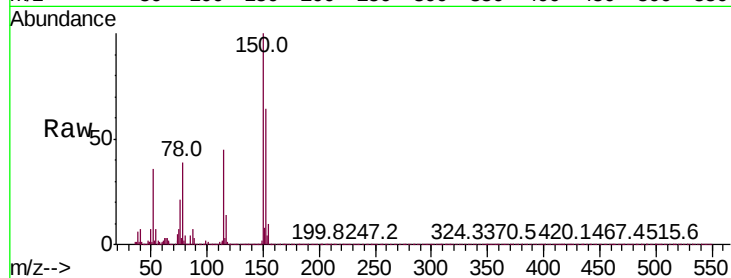
Tot Ion:152 Resp: 47044

Ion Ratio Lower Upper

152 100

150 156.6 127.0 190.6

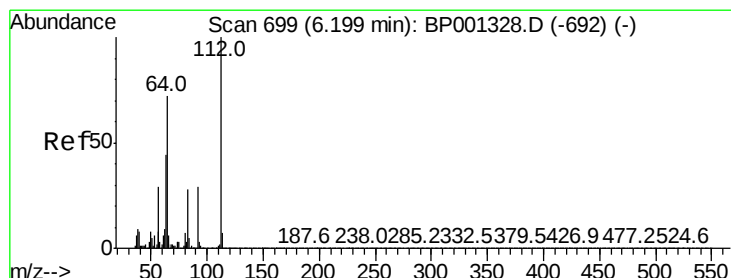
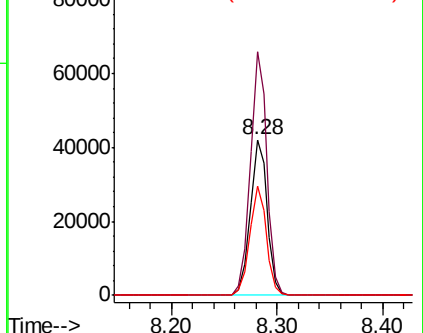
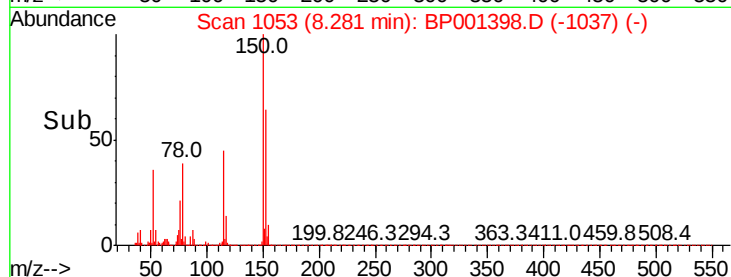
115 70.0 56.1 84.1



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: 114.358 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001398.D

Acq: 24 Dec 2019 21:04

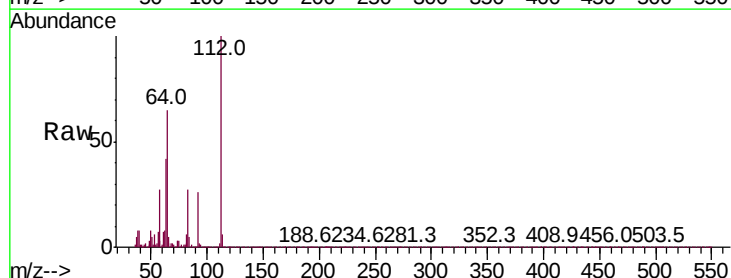
Tgt Ion:112 Resp: 332872

Ion Ratio Lower Upper

112 100

64 64.7 53.9 80.9

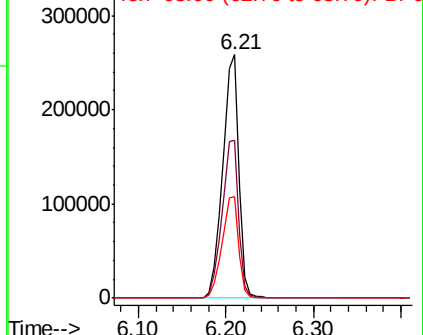
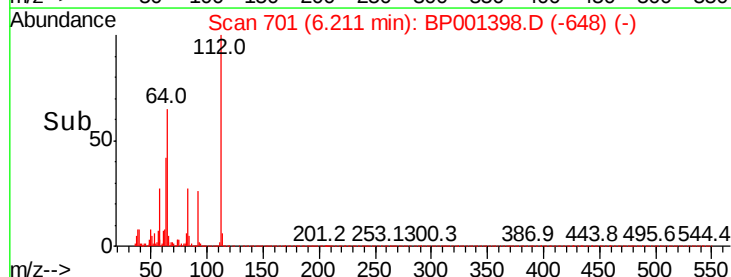
63 42.0 33.4 50.0

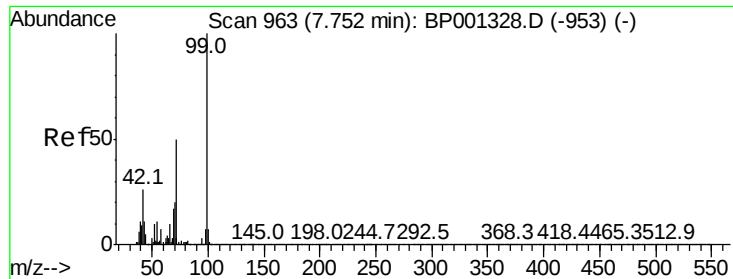


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 131.130 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001398.D

Acq: 24 Dec 2019 21:04

Instrument :

BNA_P

ClientSampleId :

C-MUCK_12.20.19

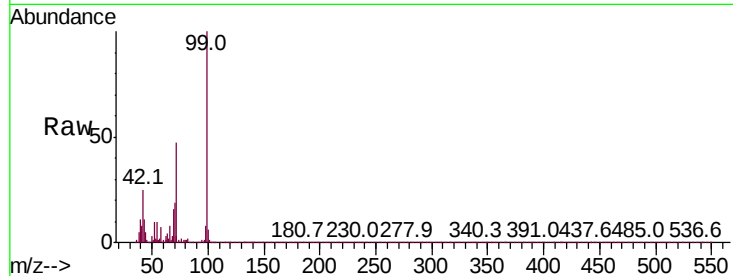
Tot Ion: 99 Resp: 498058

Ion Ratio Lower Upper

99 100

42 25.3 20.8 31.2

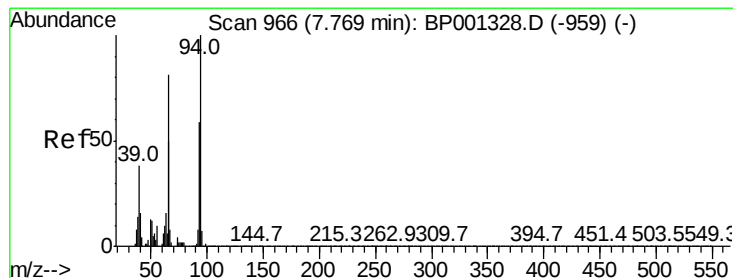
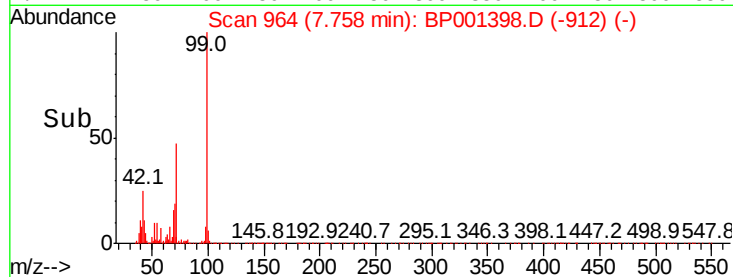
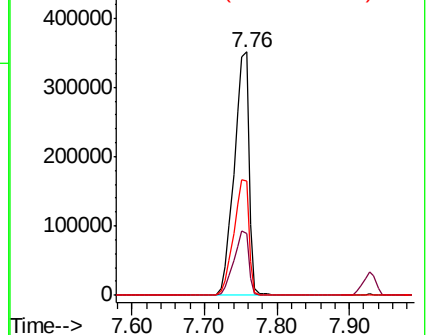
71 47.2 38.2 57.4



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: 3.990 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001398.D

Acq: 24 Dec 2019 21:04

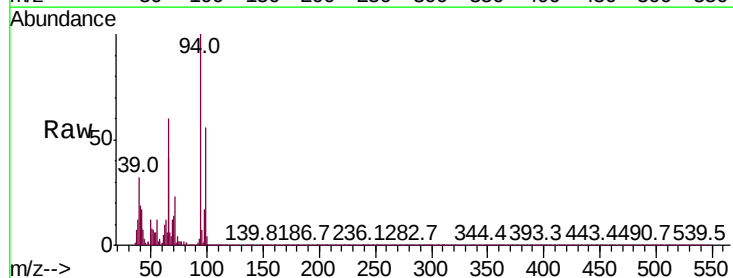
Tgt Ion: 94 Resp: 17315

Ion Ratio Lower Upper

94 100

65 40.9 29.6 69.6

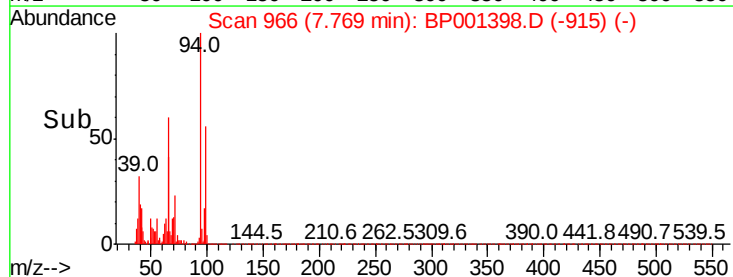
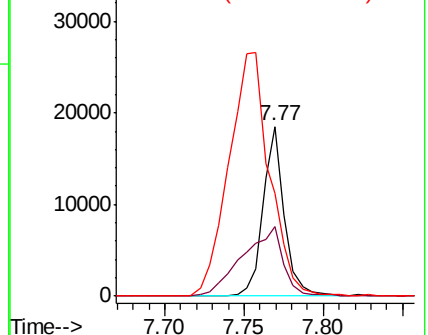
66 60.4 62.3 102.3#

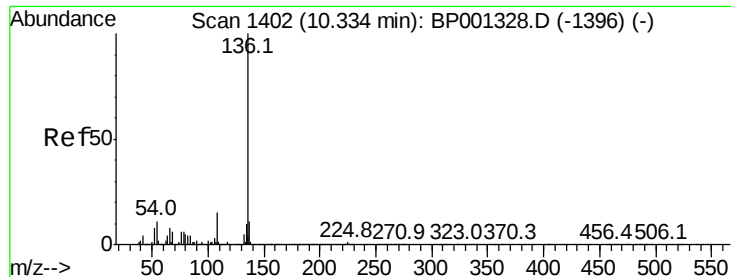


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

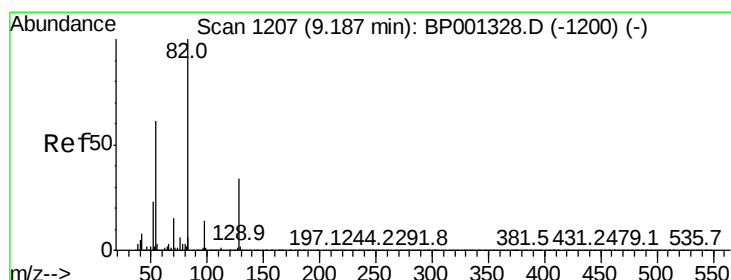
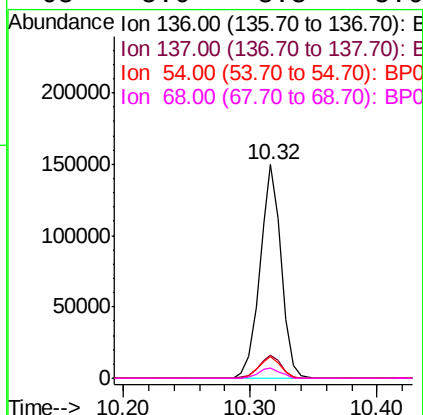
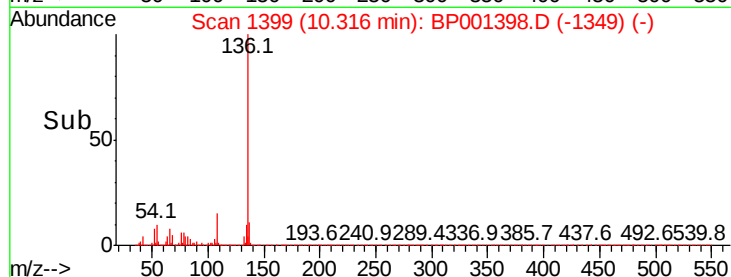
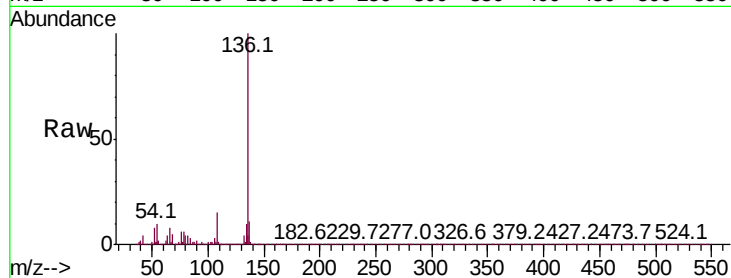




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001398.D
Acq: 24 Dec 2019 21:04

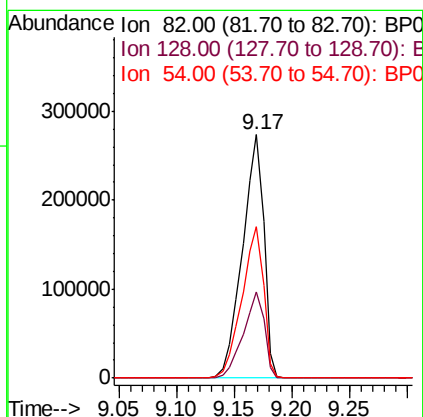
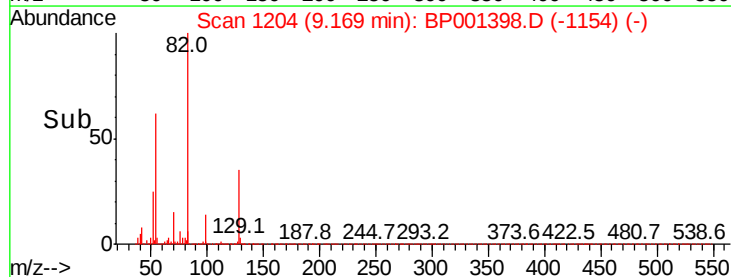
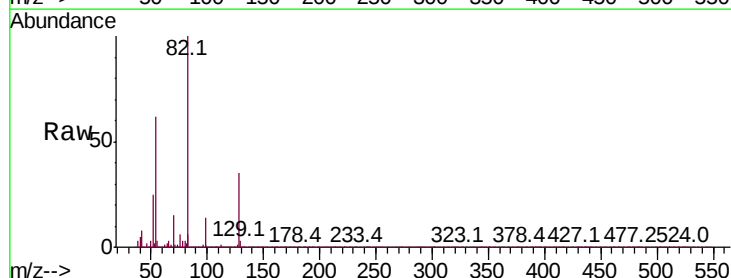
Instrument :
BNA_P
ClientSampleId :
C-MUCK_12.20.19

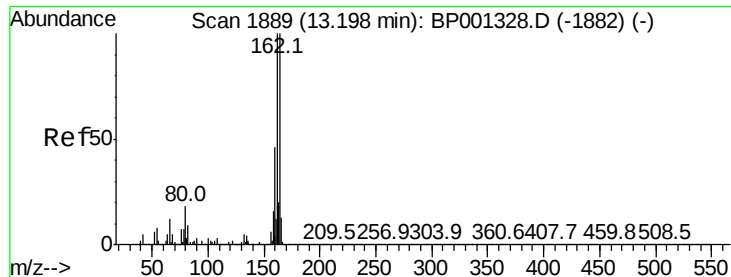
Tot Ion:	136	Resp:	174382
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	9.9	7.3	10.9
68	5.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 77.353 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001398.D
Acq: 24 Dec 2019 21:04

Tgt Ion:	82	Resp:	351264
Ion	Ratio	Lower	Upper
82	100		
128	35.4	27.4	41.0
54	62.4	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001398.D

Acq: 24 Dec 2019 21:04

Instrument :

BNA_P

ClientSampleId :

C-MUCK 12.20.19

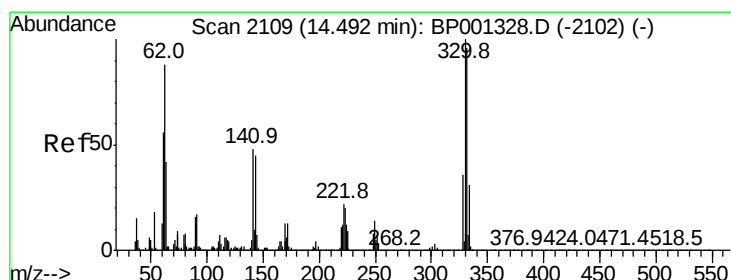
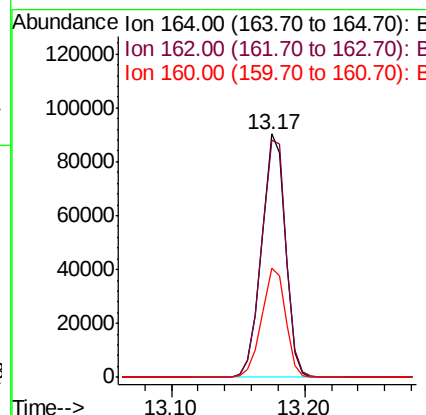
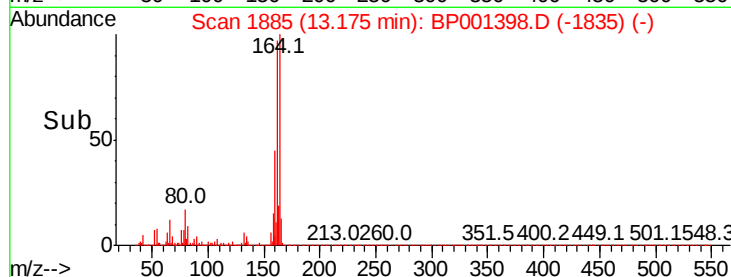
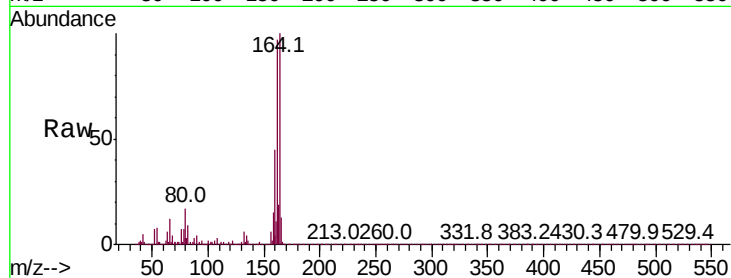
Tot Ion:164 Resp: 110206

Ion Ratio Lower Upper

164 100

162 97.2 78.2 117.4

160 44.7 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 113.766 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001398.D

Acq: 24 Dec 2019 21:04

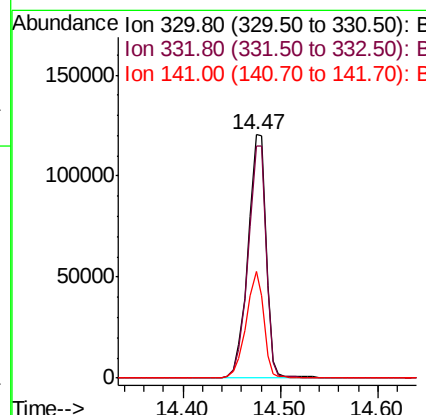
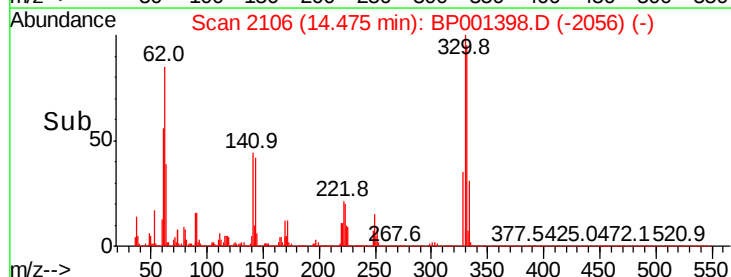
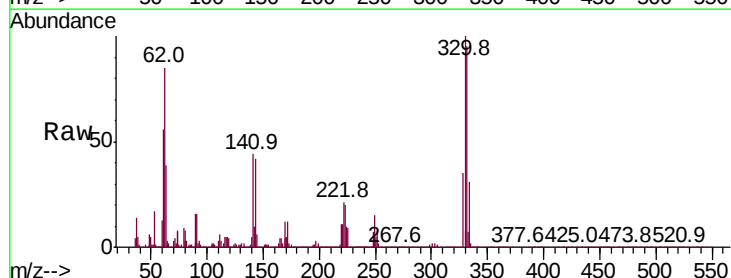
Tgt Ion:330 Resp: 156750

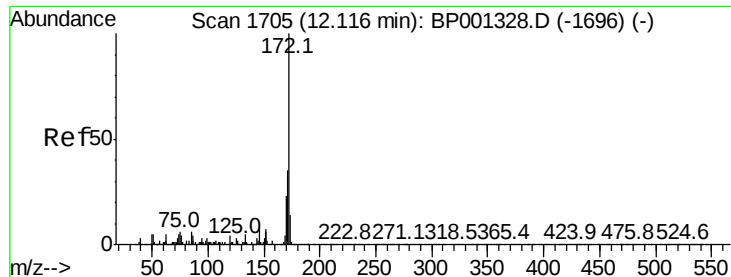
Ion Ratio Lower Upper

330 100

332 95.1 78.3 117.5

141 42.1 26.8 40.2#

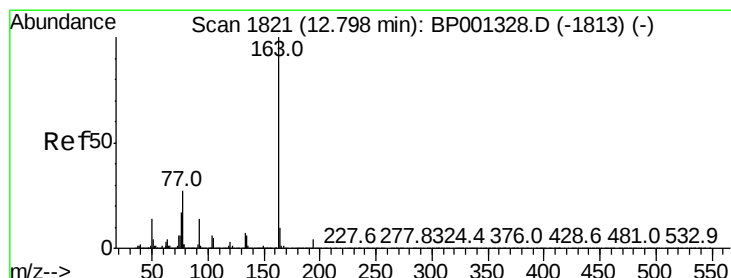
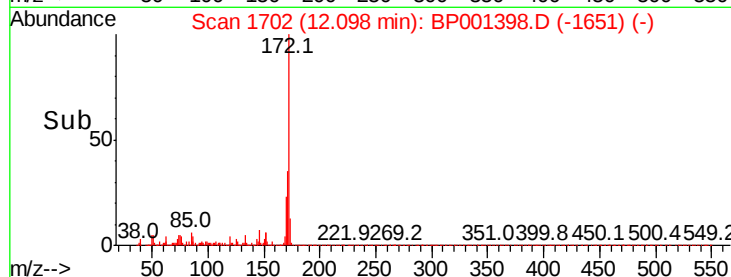
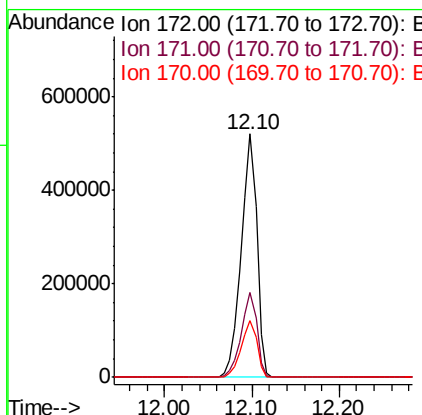
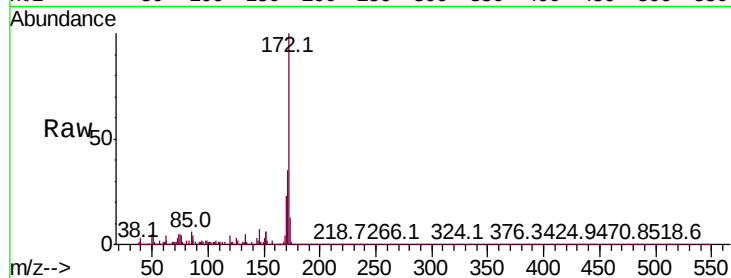




#45
2-Fluorobiphenyl
Concen: 70.870 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001398.D
Acq: 24 Dec 2019 21:04

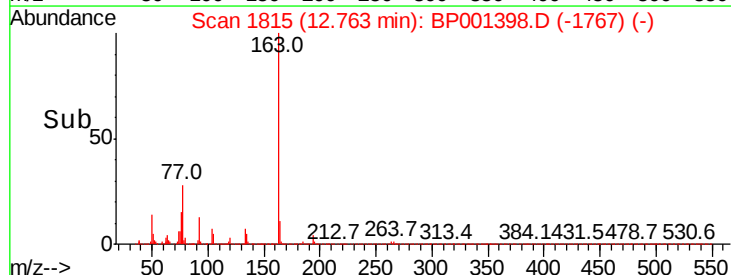
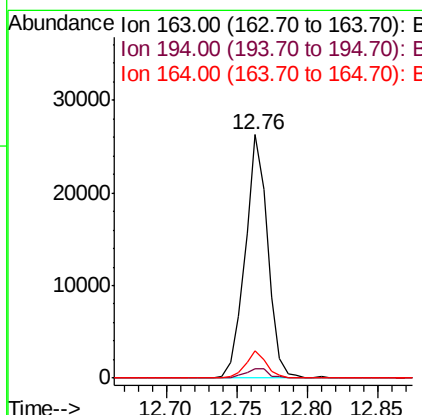
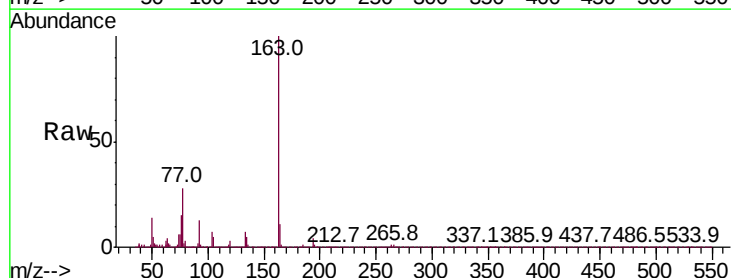
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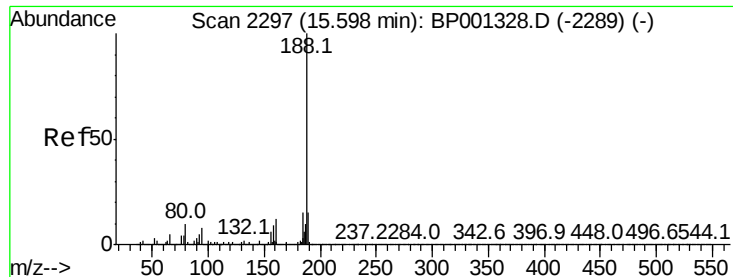
Tot Ion:172 Resp: 617665
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.2 18.2 27.4



#50
Dimethylphthalate
Concen: 3.235 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001398.D
Acq: 24 Dec 2019 21:04

Tgt Ion:163 Resp: 29252
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 11.3 7.7 11.5

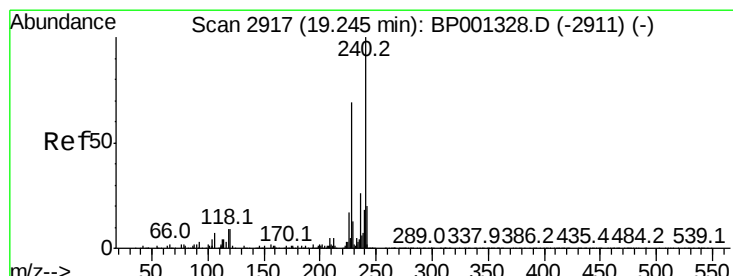
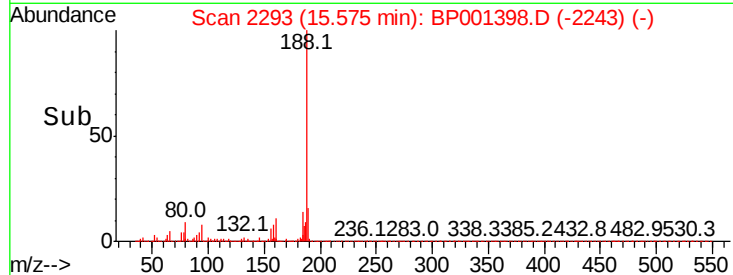
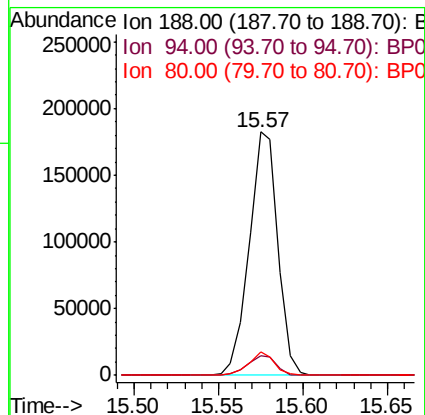
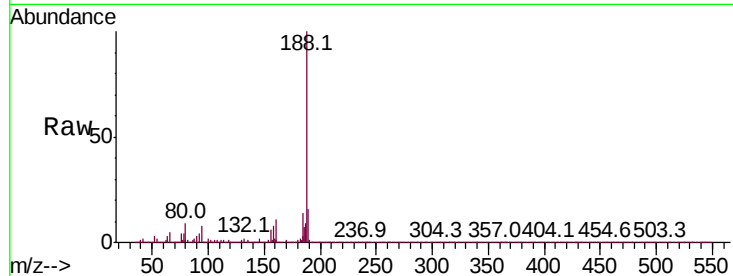




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001398.D
Acq: 24 Dec 2019 21:04

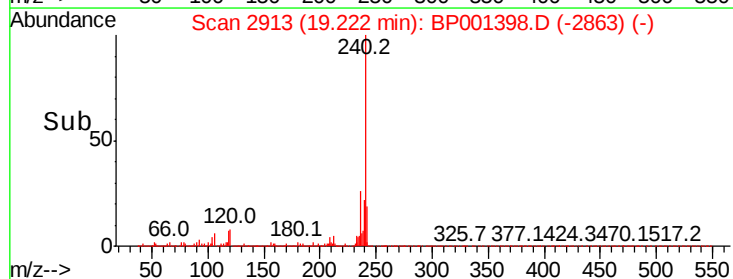
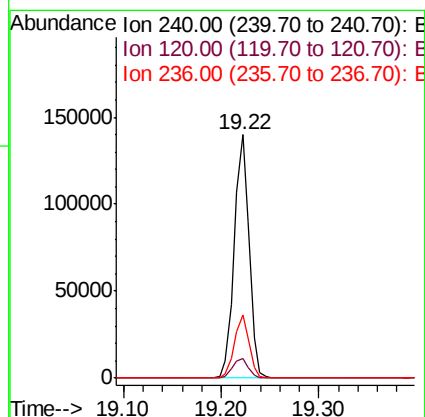
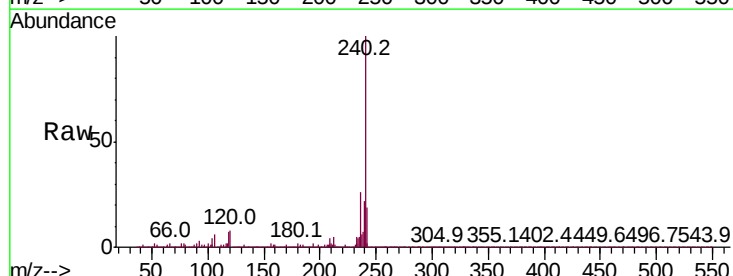
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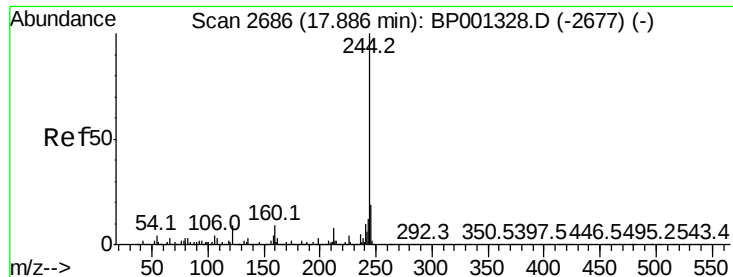
Tot Ion:188 Resp: 215913
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 9.4 5.7 8.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001398.D
Acq: 24 Dec 2019 21:04

Tgt Ion:240 Resp: 147972
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.2
236 26.2 20.2 30.2





#79

Terphenyl-d14

Concen: 81.381 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

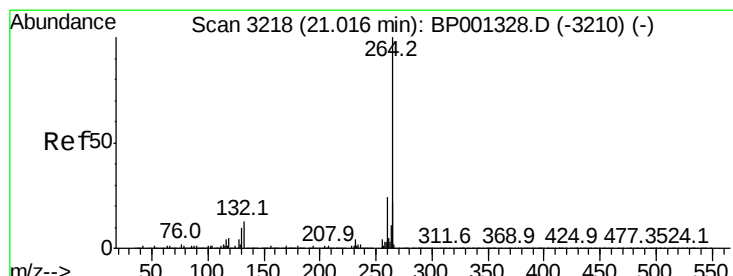
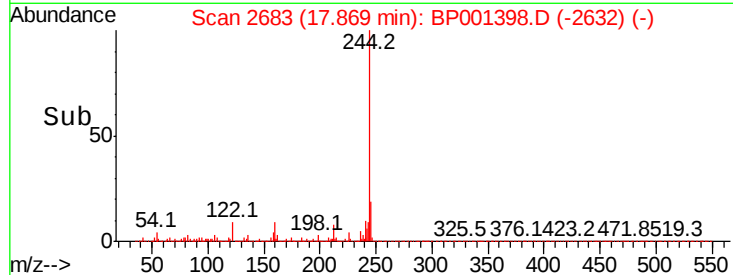
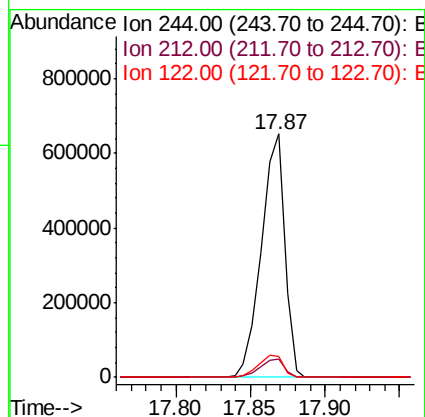
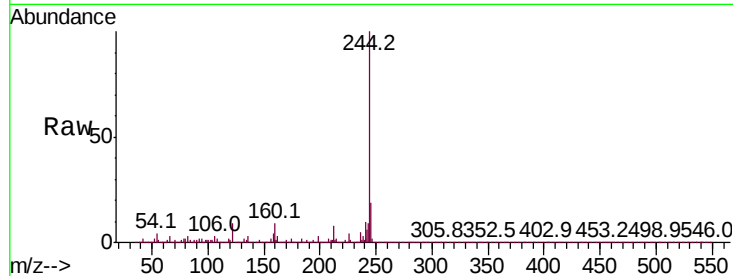
Lab File: BP001398.D

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Tot Ion:244 Resp: 703084

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	8.8	6.4	9.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BP001398.D

Acq: 24 Dec 2019 21:04

Tgt Ion:264 Resp: 142148

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.0	28.4
265	20.7	17.0	25.4

