

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001430.D
 Acq On : 26 Dec 2019 19:25
 Operator : JU
 Sample : K6406-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C-WATER_12.20.19

Quant Time: Dec 27 08:52:00 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

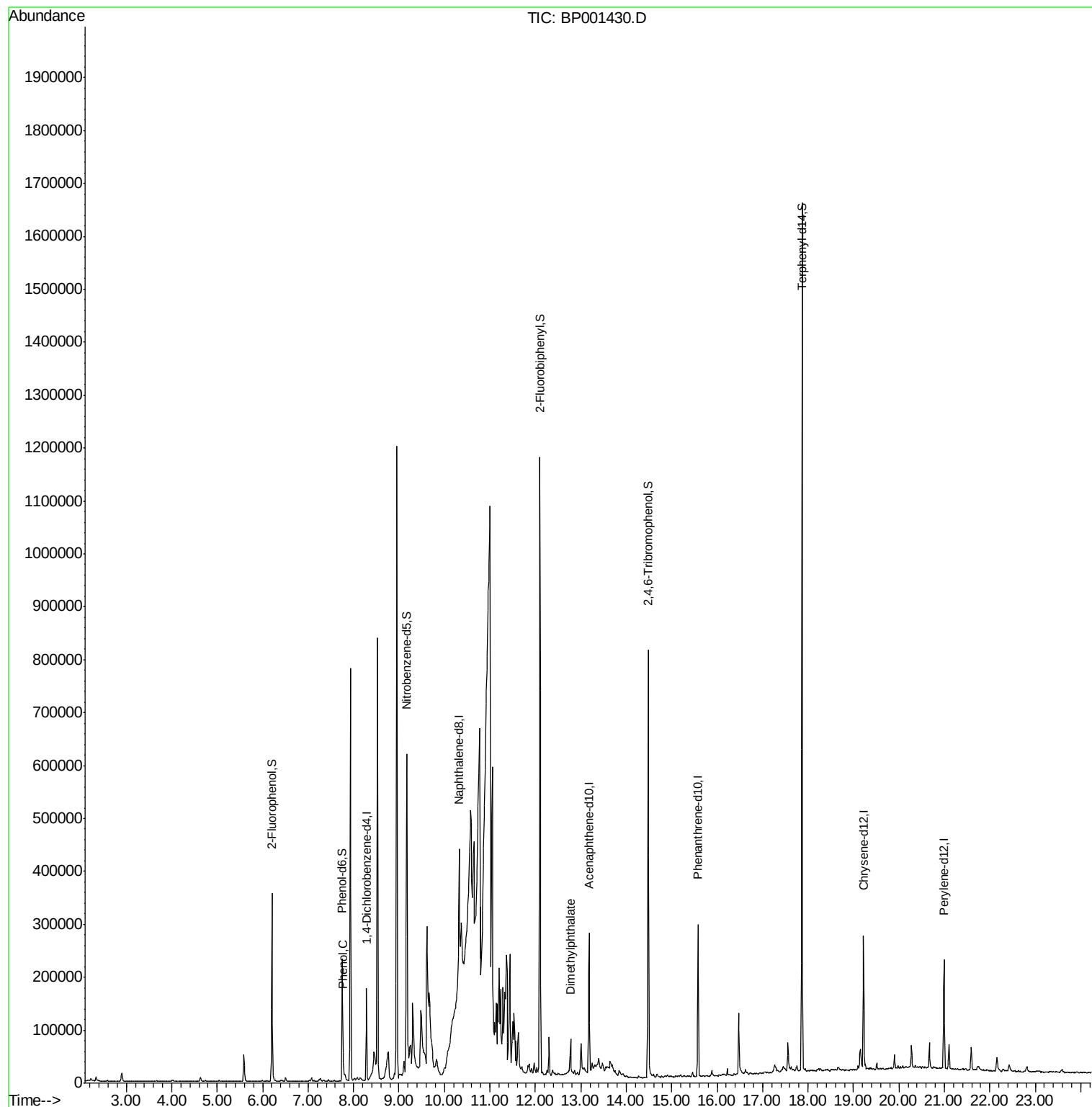
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30305	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	106362	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	62845	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	127182	20.00	ng	0.00
76) Chrysene-d12	19.22	240	97449	20.00	ng	0.00
87) Perylene-d12	20.99	264	104851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	103524	55.21	ng	0.00
7) Phenol-d6	7.75	99	83600	34.17	ng	0.00
23) Nitrobenzene-d5	9.17	82	237730	85.83	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	120590	153.48	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	439779	88.49	ng	0.00
79) Terphenyl-d14	17.87	244	607245	106.73	ng	0.00
Target Compounds						
10) Phenol	7.77	94	6754	2.416	ng	82
50) Dimethylphthalate	12.77	163	29857	5.791	ng	99

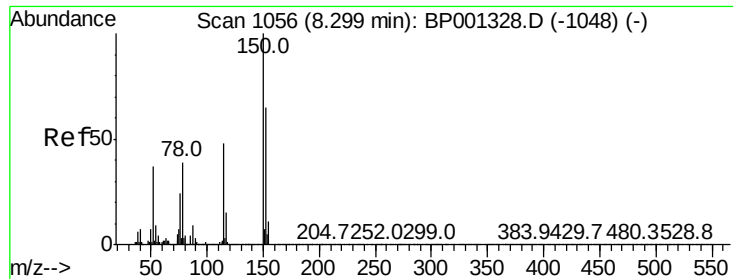
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

Instrument :

BNA_P

ClientSampleId :

C-WATER_12.20.19

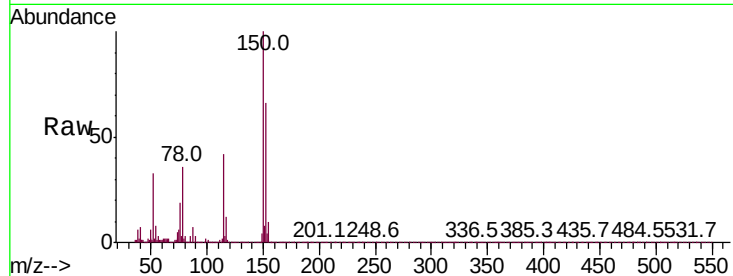
Tot Ion:152 Resp: 30305

Ion Ratio Lower Upper

152 100

150 150.5 127.0 190.6

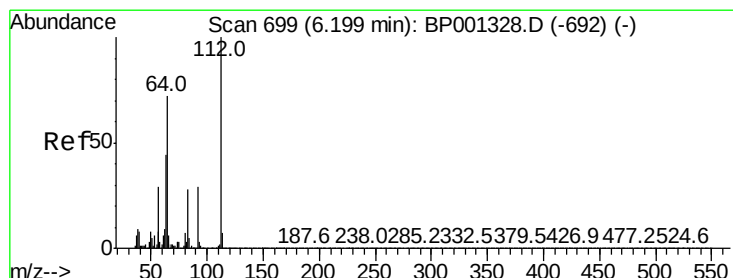
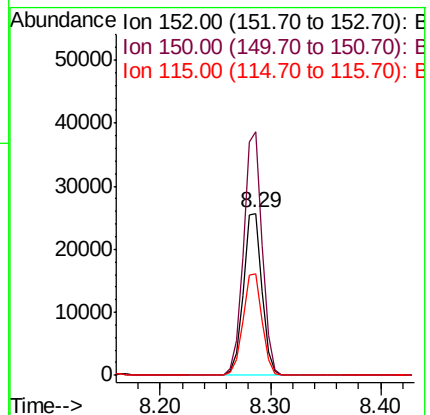
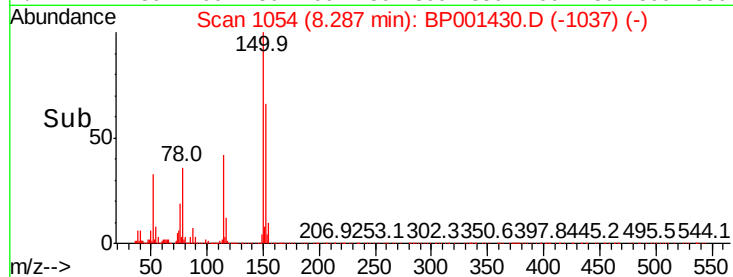
115 63.0 56.1 84.1



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: 55.210 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

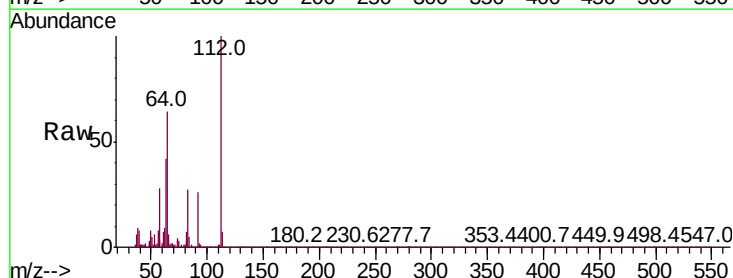
Tgt Ion:112 Resp: 103524

Ion Ratio Lower Upper

112 100

64 64.1 53.9 80.9

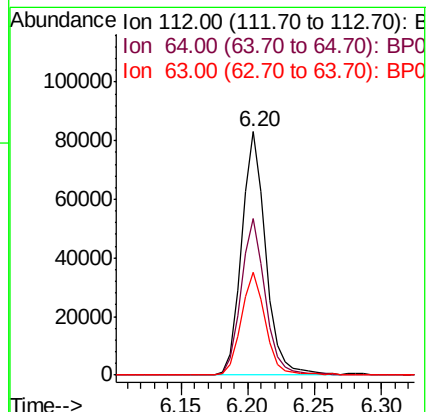
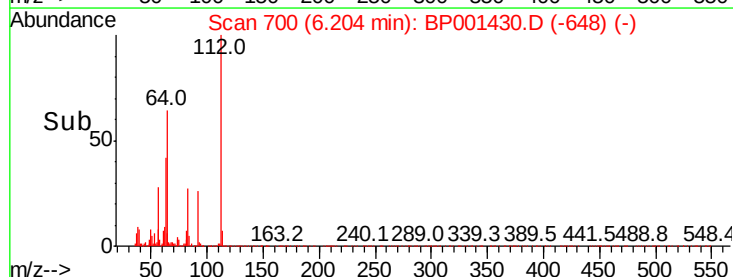
63 42.1 33.4 50.0

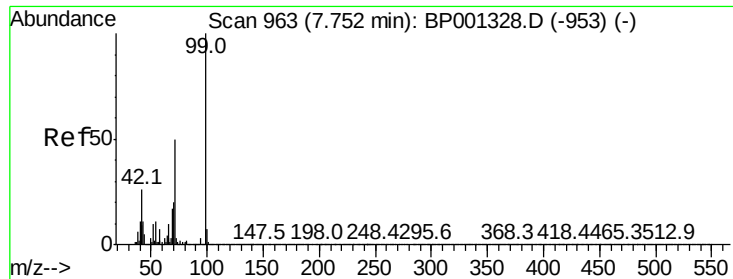


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 34.168 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

Instrument :

BNA_P

ClientSampleId :

C-WATER_12.20.19

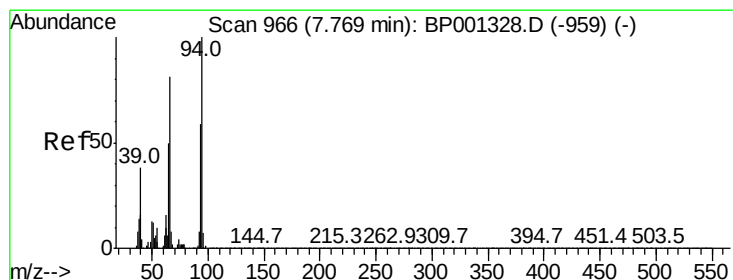
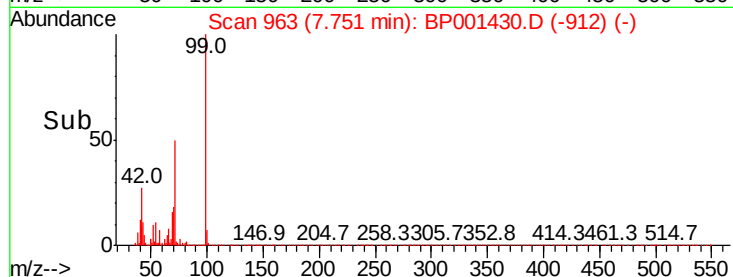
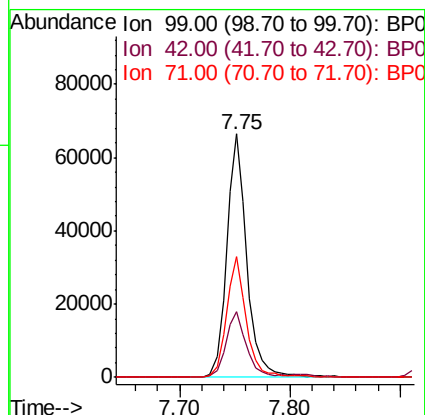
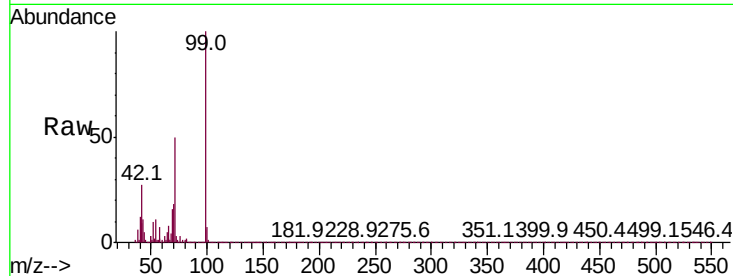
Tot Ion: 99 Resp: 83600

Ion Ratio Lower Upper

99 100

42 27.1 20.8 31.2

71 49.8 38.2 57.4



#10

Phenol

Concen: 2.416 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

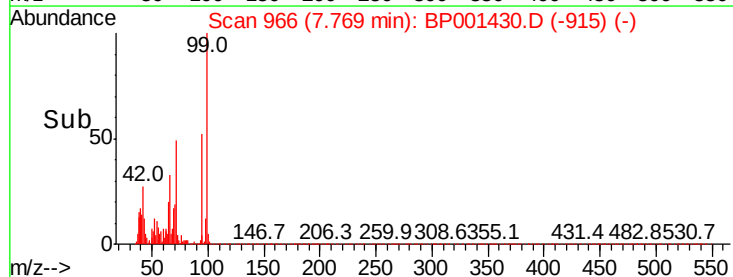
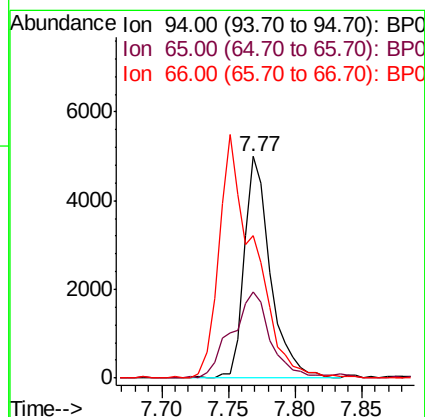
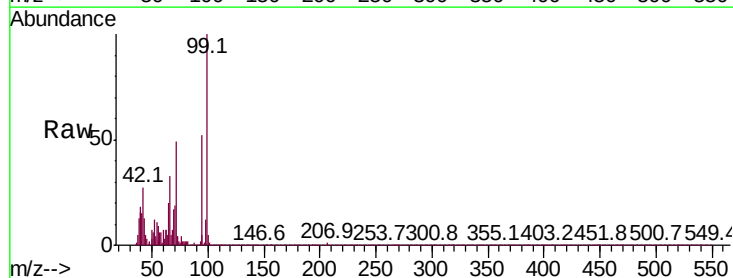
Tgt Ion: 94 Resp: 6754

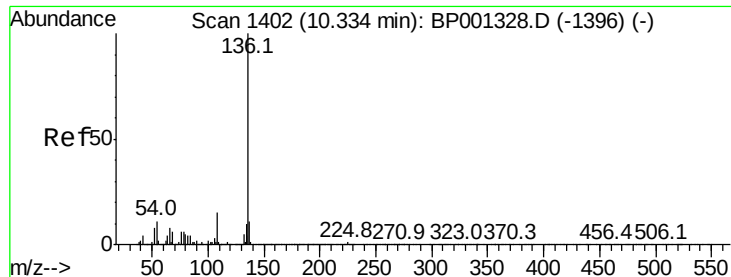
Ion Ratio Lower Upper

94 100

65 38.8 29.6 69.6

66 64.2 62.3 102.3

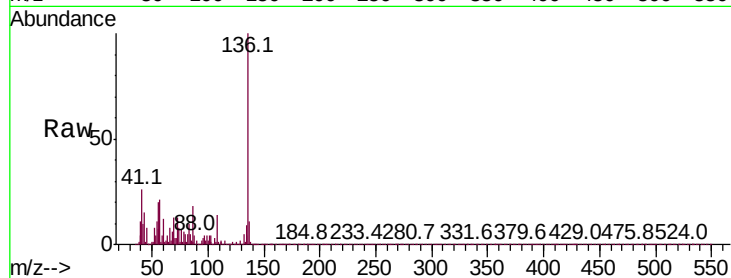




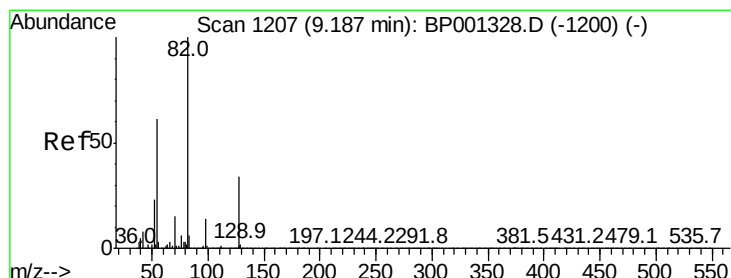
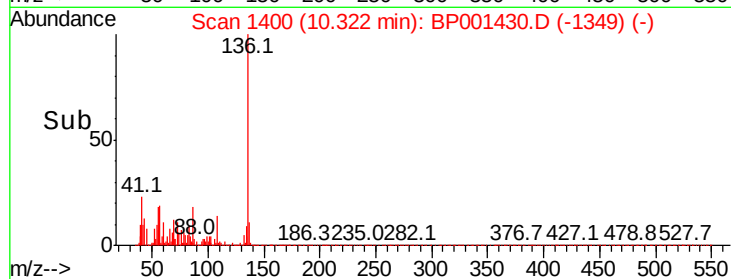
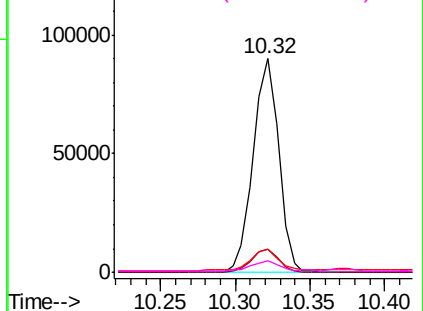
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001430.D
Acq: 26 Dec 2019 19:25

Instrument :
BNA_P
ClientSampleId :
C-WATER_12.20.19

Tot Ion:	136	Resp:	106362
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	10.6	7.3	10.9
68	5.7	3.8	5.6#

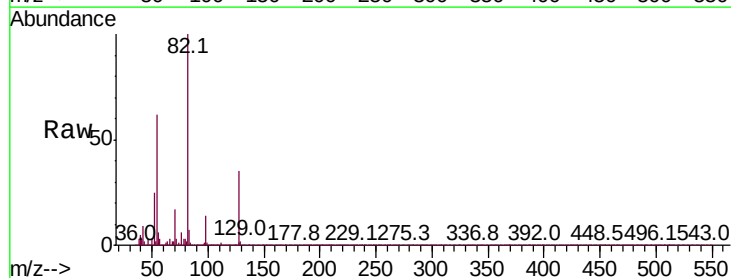


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

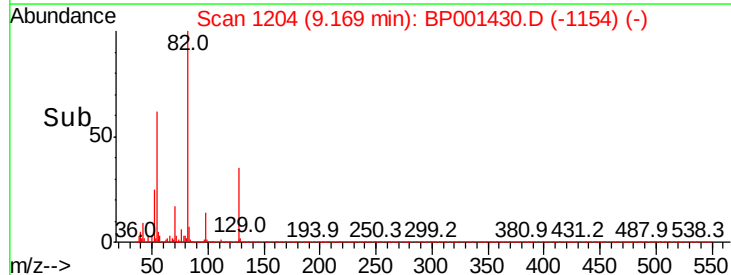
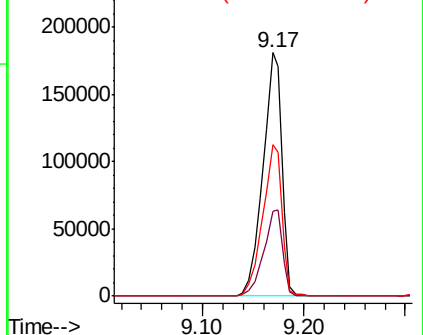


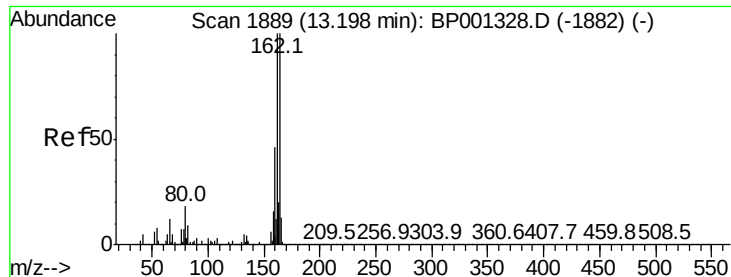
#23
Nitrobenzene-d5
Concen: 85.831 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001430.D
Acq: 26 Dec 2019 19:25

Tgt Ion:	82	Resp:	237730
Ion	Ratio	Lower	Upper
82	100		
128	34.8	27.4	41.0
54	62.1	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

Instrument :

BNA_P

ClientSampleId :

C-WATER_12.20.19

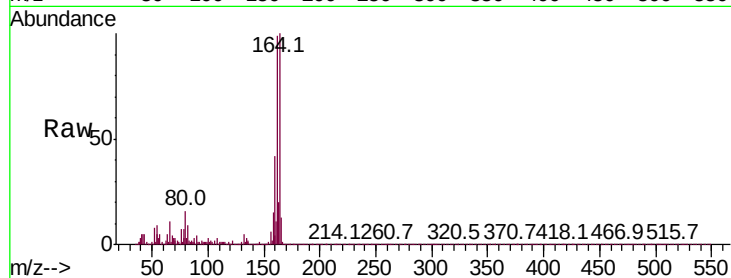
Tot Ion:164 Resp: 62845

Ion Ratio Lower Upper

164 100

162 99.1 78.2 117.4

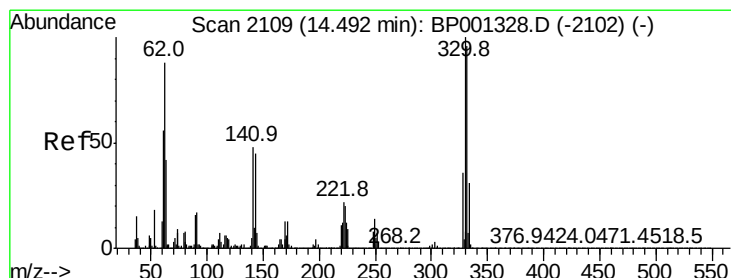
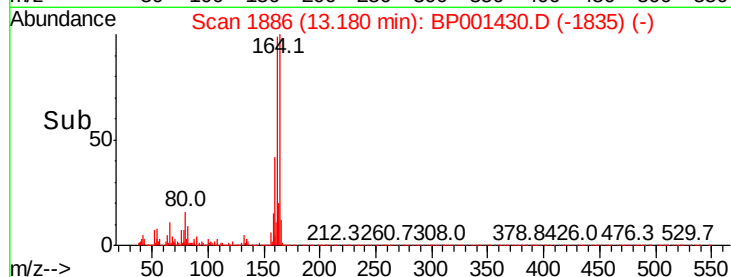
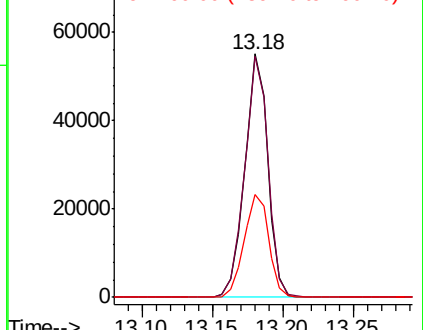
160 42.3 35.1 52.7



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: 153.480 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

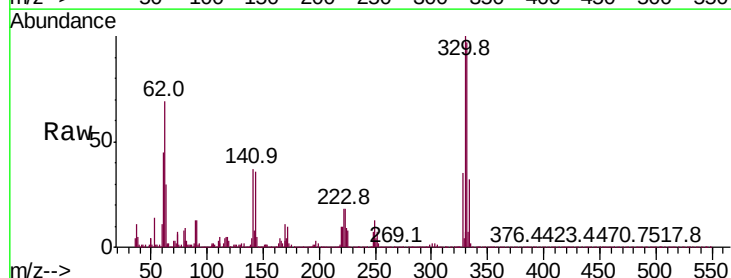
Tgt Ion:330 Resp: 120590

Ion Ratio Lower Upper

330 100

332 95.7 78.3 117.5

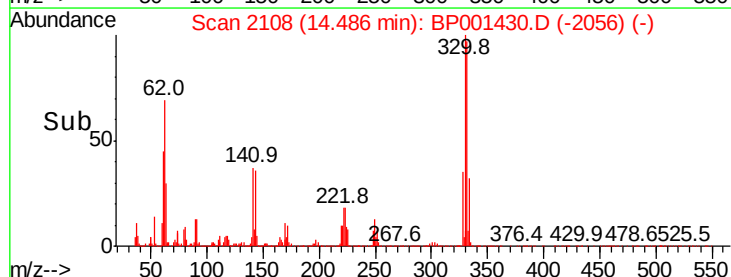
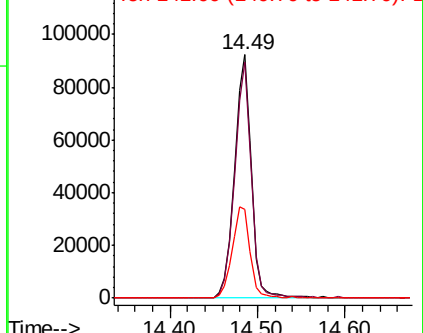
141 40.0 26.8 40.2

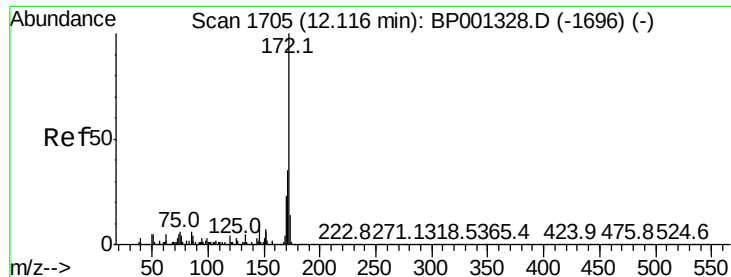


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 88.487 ng

RT: 12.10 min Scan# 1703

Delta R.T. 0.01 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

Instrument :

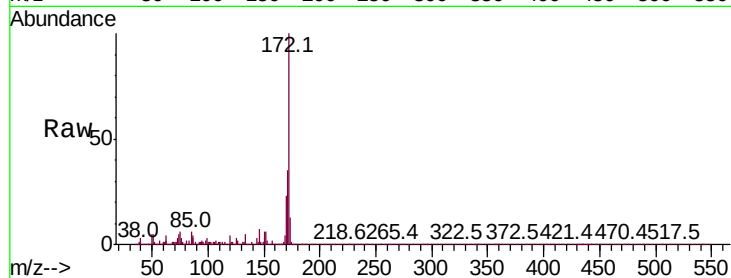
BNA_P

ClientSampleId :

C-WATER_12.20.19

Tot Ion:172 Resp: 439779

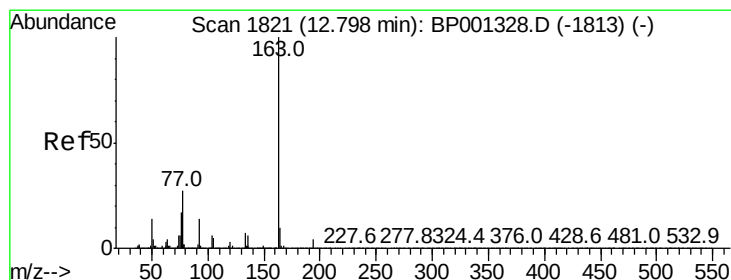
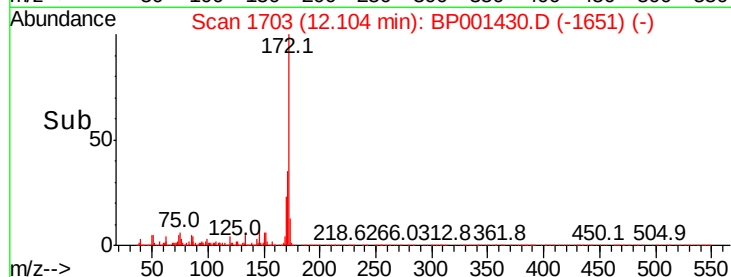
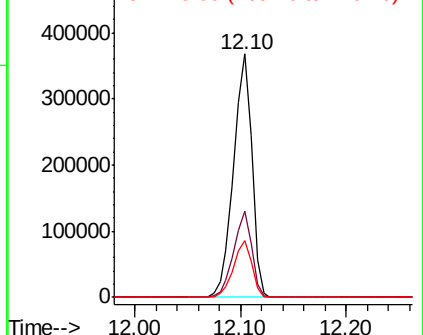
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	23.1	18.2	27.4



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



#50

Dimethylphthalate

Concen: 5.791 ng

RT: 12.77 min Scan# 1817

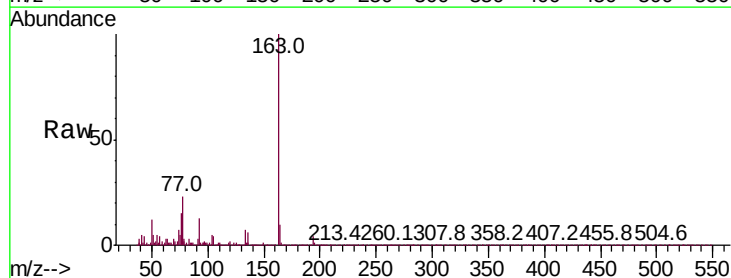
Delta R.T. -0.01 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

Tgt Ion:163 Resp: 29857

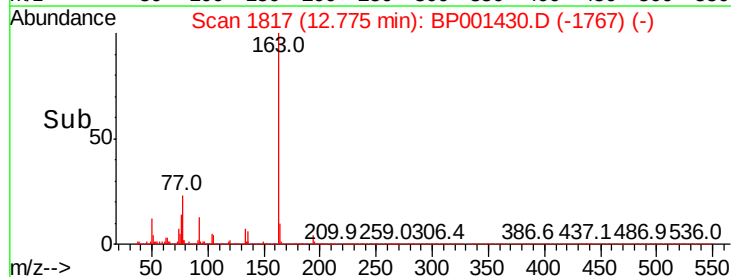
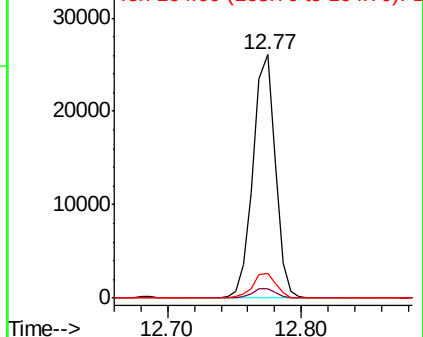
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	7.7	11.5

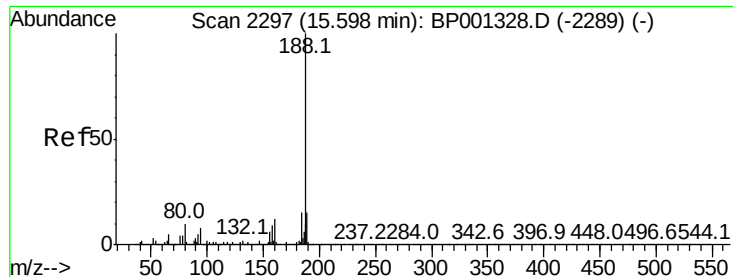


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

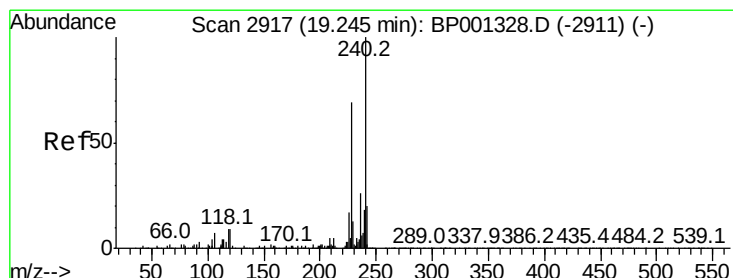
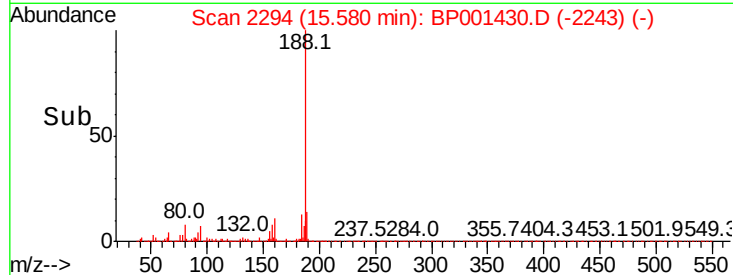
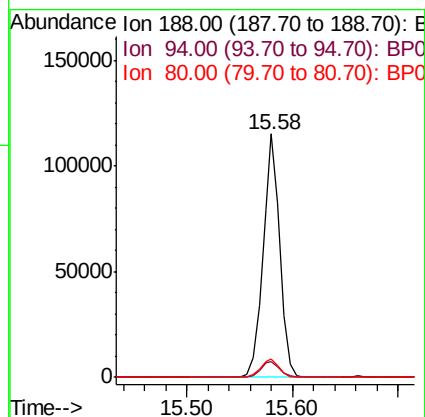
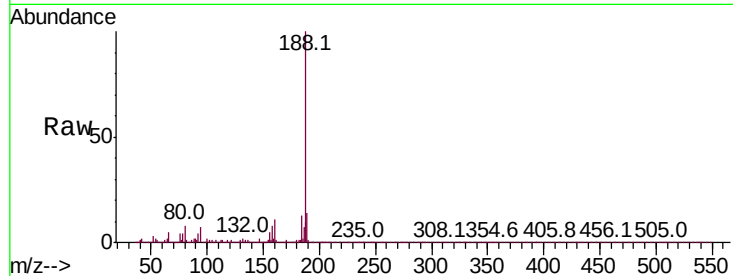




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001430.D
Acq: 26 Dec 2019 19:25

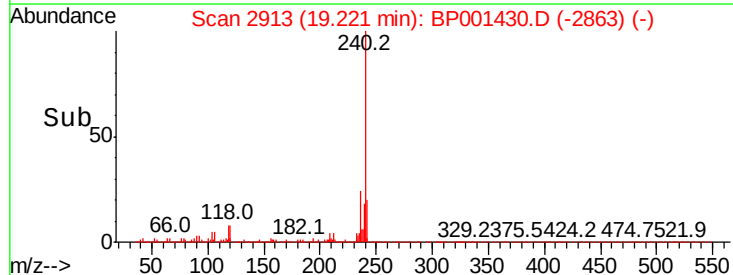
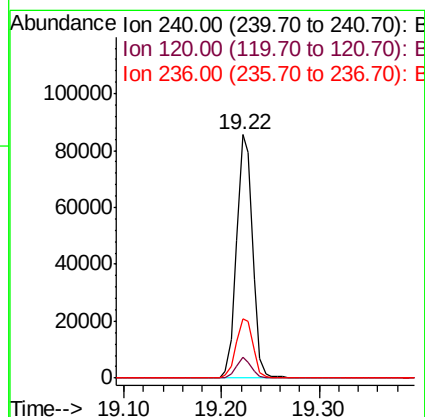
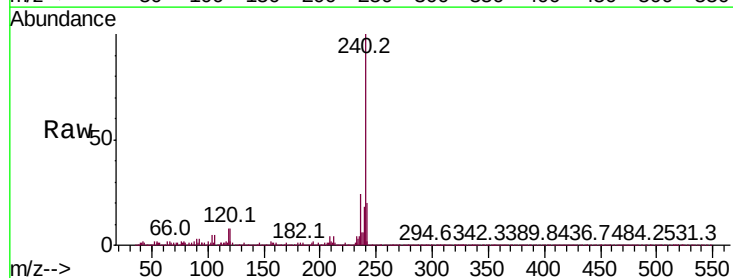
Instrument :
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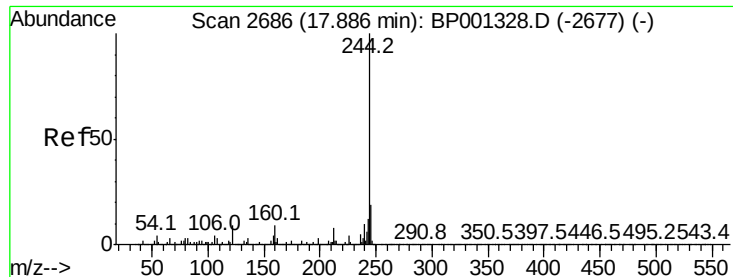
Tot Ion:188 Resp: 127182
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 7.5 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001430.D
Acq: 26 Dec 2019 19:25

Tgt Ion:240 Resp: 97449
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 24.3 20.2 30.2





#79

Terphenyl-d14

Concen: 106.729 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

Instrument :

BNA_P

ClientSampleId :

C-WATER_12.20.19

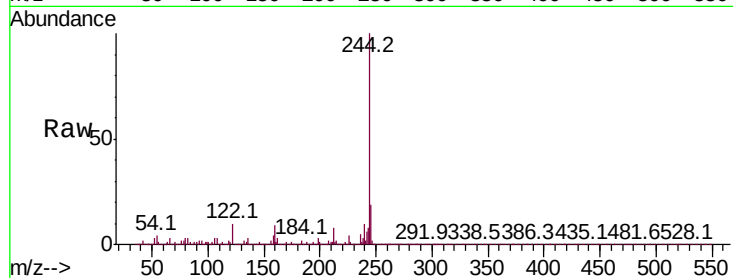
Tot Ion:244 Resp: 607245

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

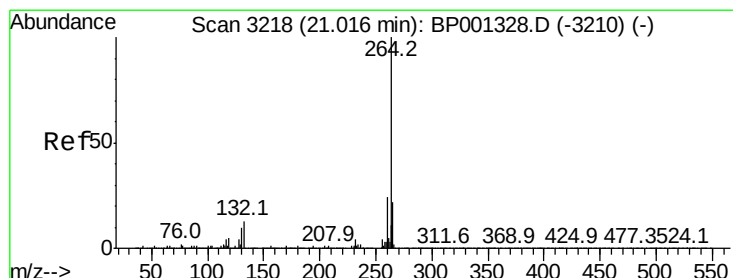
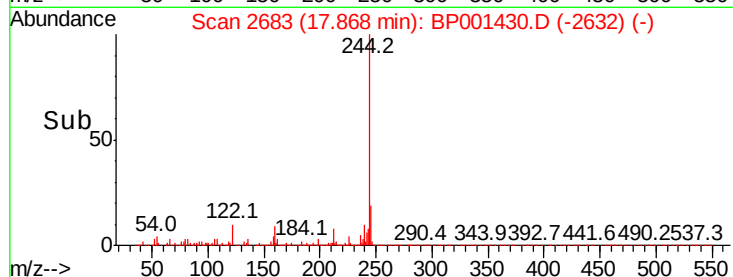
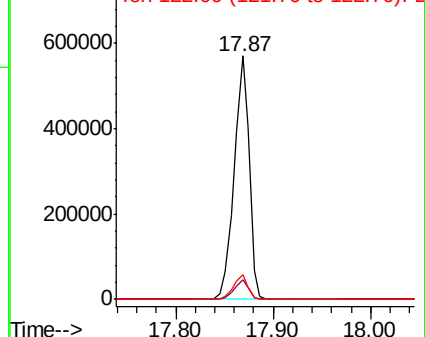
122 10.0 6.4 9.6#



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: 20.99 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BP001430.D

Acq: 26 Dec 2019 19:25

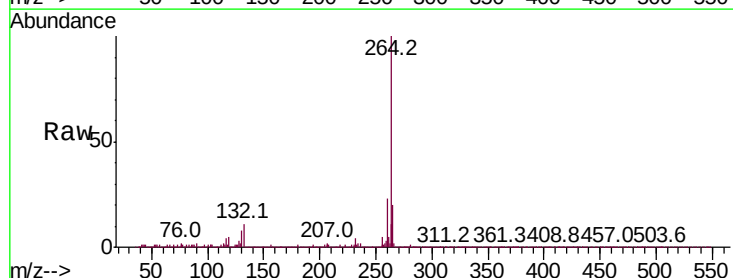
Tgt Ion:264 Resp: 104851

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 20.5 17.0 25.4



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

