

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000529.D
 Acq On : 05 Oct 2019 00:01
 Operator : JU
 Sample : K5143-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-100219

Quant Time: Oct 05 01:14:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

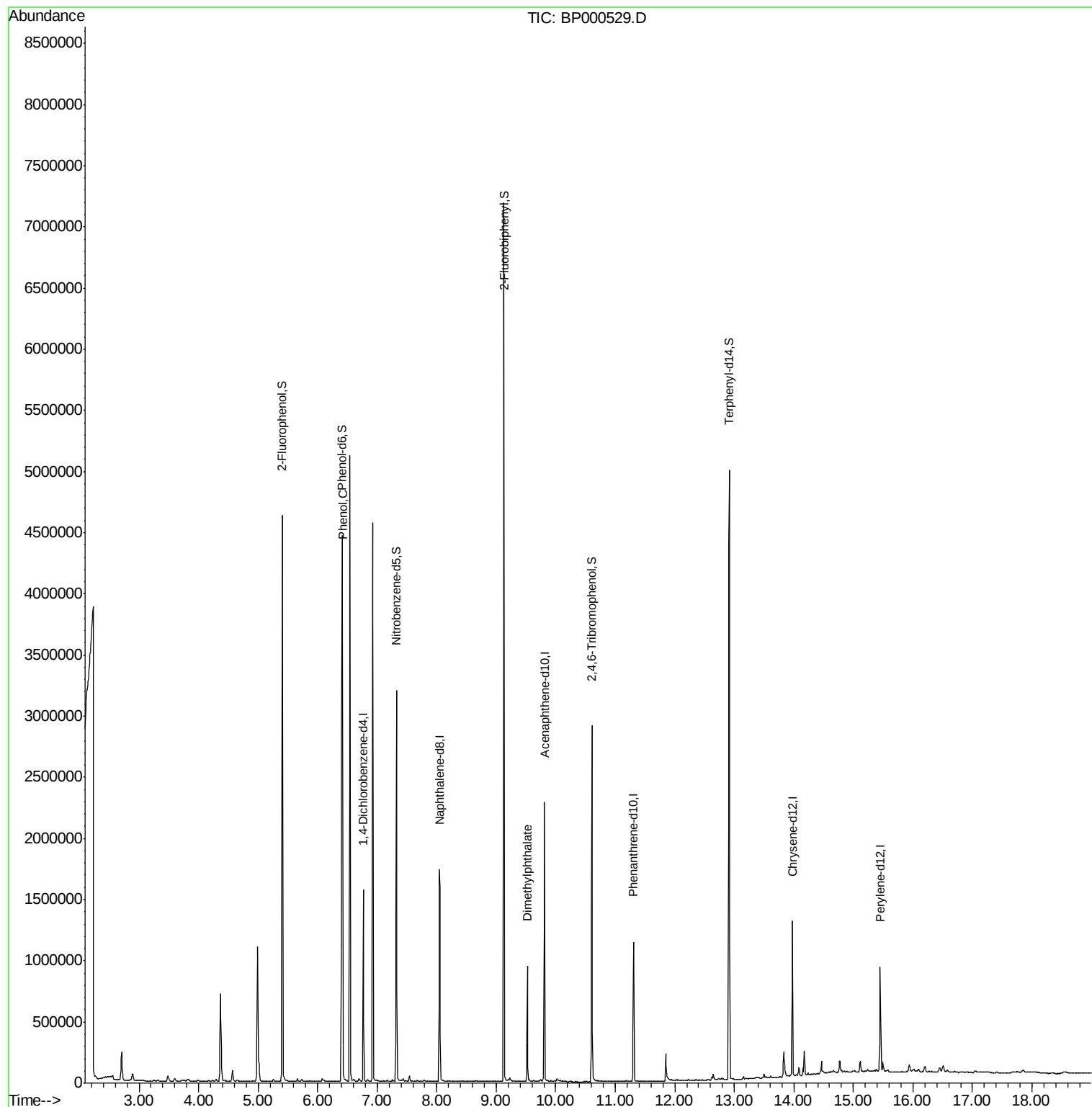
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	240254	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	827946	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	432574	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	421064	20.00	ng	0.00
76) Chrysene-d12	13.97	240	389650	20.00	ng	0.00
87) Perylene-d12	15.45	264	421760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1592831	106.57	ng	0.01
7) Phenol-d6	6.41	99	1952543	108.41	ng	0.00
23) Nitrobenzene-d5	7.33	82	1085245	80.06	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	405558	87.98	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2244355	83.95	ng	0.00
79) Terphenyl-d14	12.92	244	1782069	92.60	ng	0.00
Target Compounds						
10) Phenol	6.42	94	149902	8.129	ng	94
50) Dimethylphthalate	9.52	163	371556	12.362	ng	99

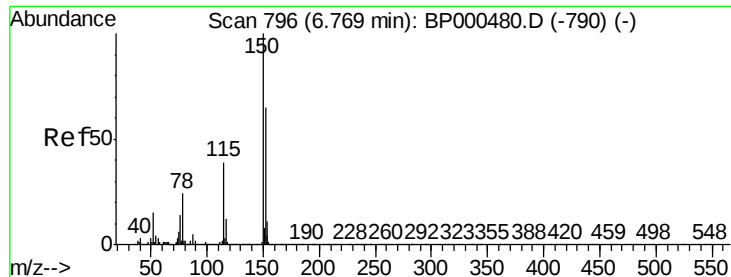
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

Instrument :

BNA_P

ClientSampleId :

NB-08-100219

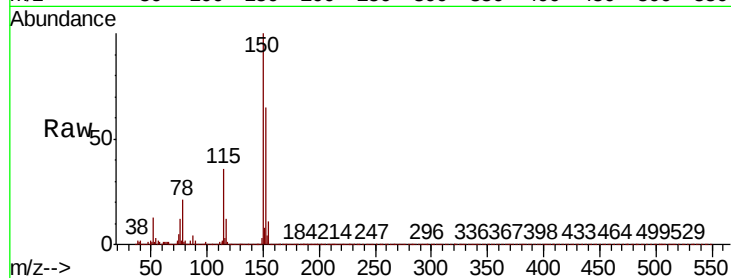
Tot Ion:152 Resp: 240254

Ion Ratio Lower Upper

152 100

150 154.4 124.1 186.1

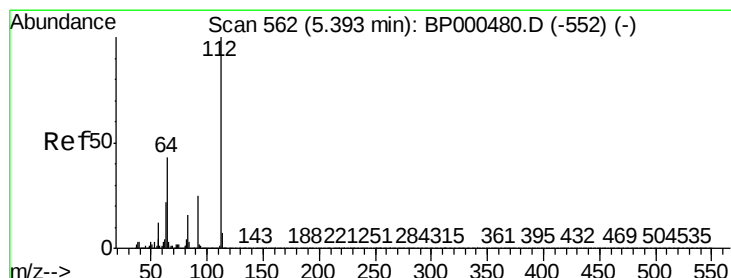
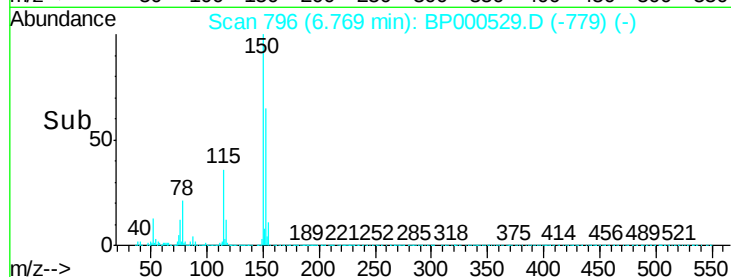
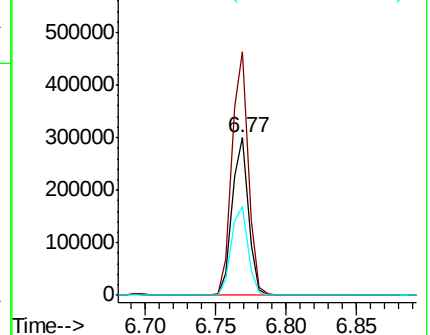
115 56.2 48.7 73.1



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: 106.570 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

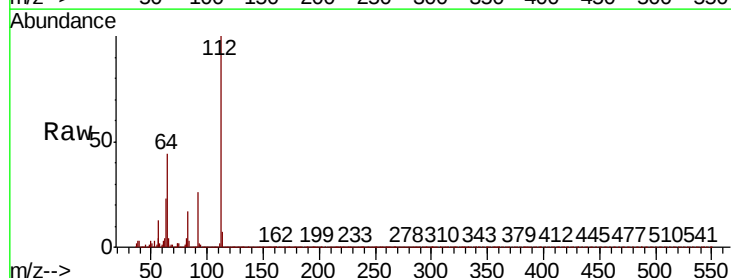
Tgt Ion:112 Resp: 1592831

Ion Ratio Lower Upper

112 100

64 44.5 34.2 51.4

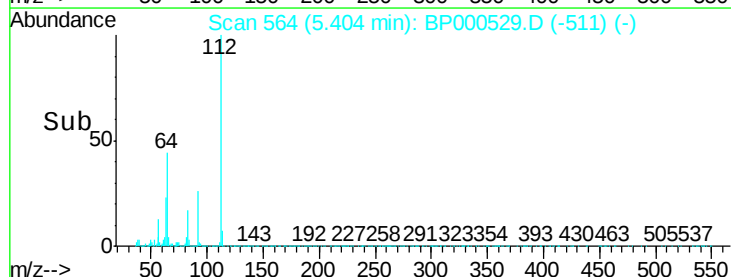
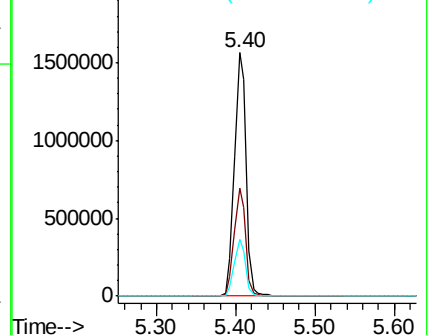
63 23.1 17.9 26.9

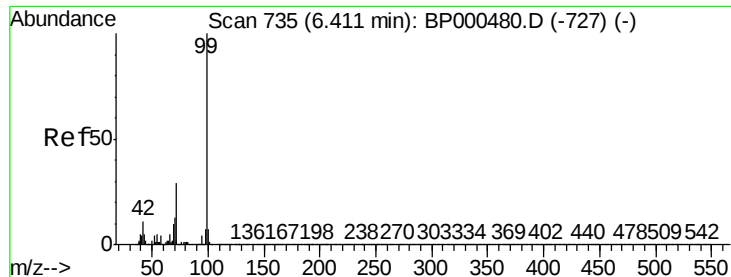


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 108.408 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

Instrument :

BNA_P

ClientSampleId :

NB-08-100219

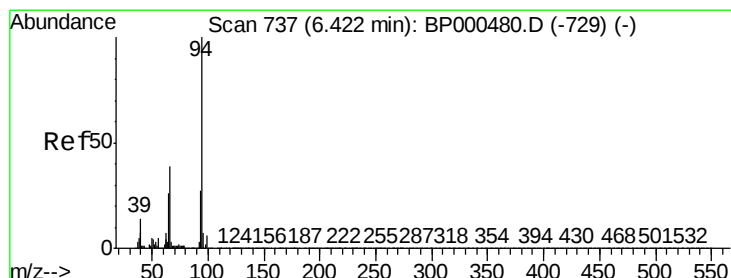
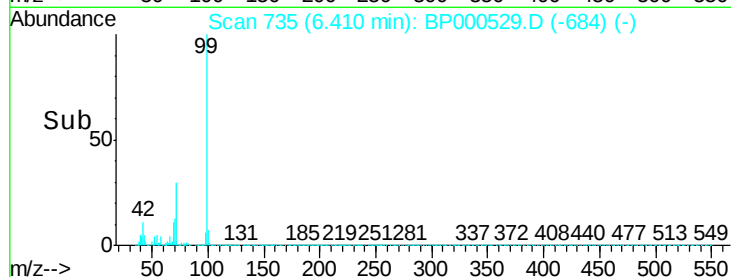
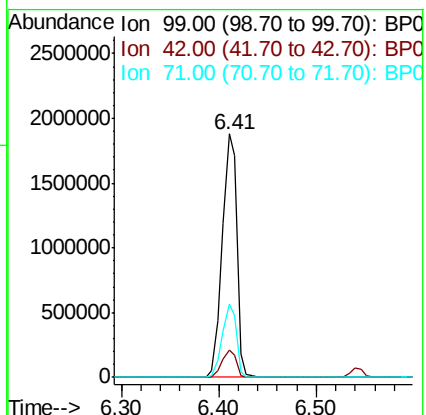
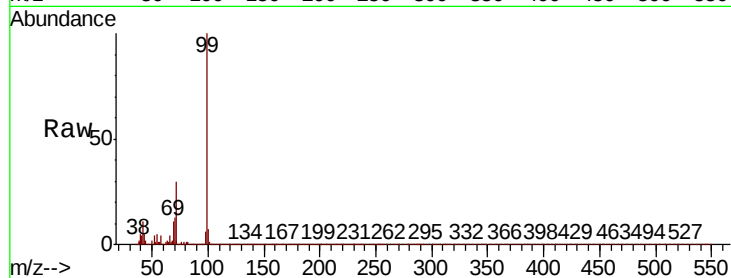
Tot Ion: 99 Resp: 1952543

Ion Ratio Lower Upper

99 100

42 11.1 8.6 12.8

71 30.3 23.0 34.4



#10

Phenol

Concen: 8.129 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

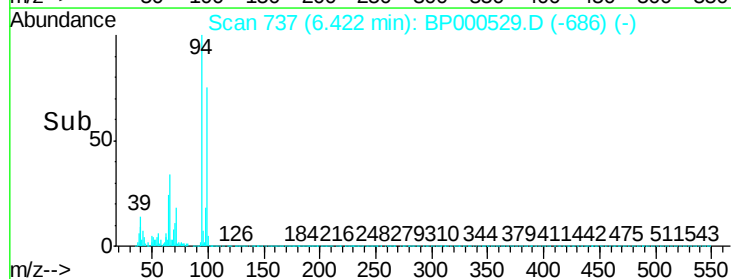
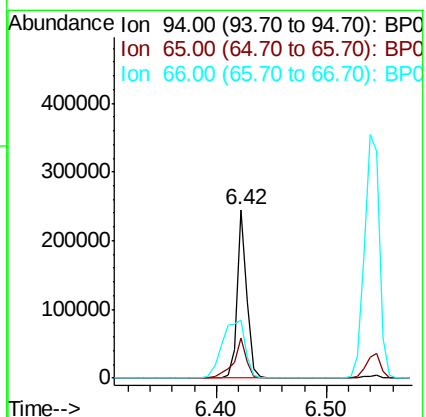
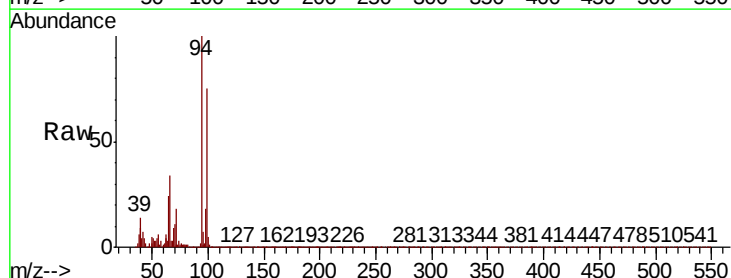
Tgt Ion: 94 Resp: 149902

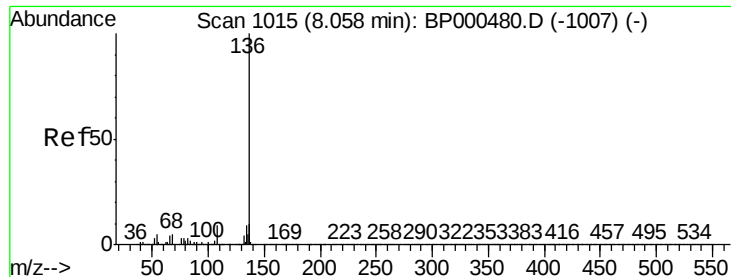
Ion Ratio Lower Upper

94 100

65 23.6 5.9 45.9

66 34.5 18.8 58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

Instrument :

BNA_P

ClientSampleId :

NB-08-100219

Tot Ion:136 Resp: 827946

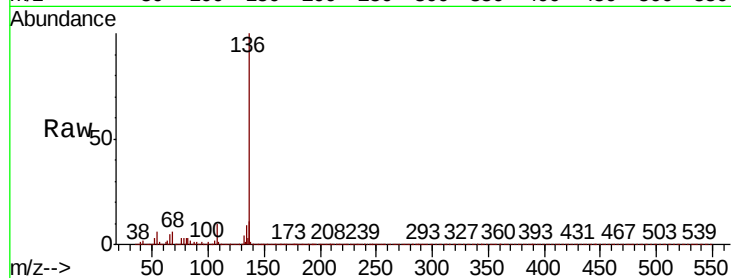
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.0 4.1 6.1

68 6.0 4.1 6.1

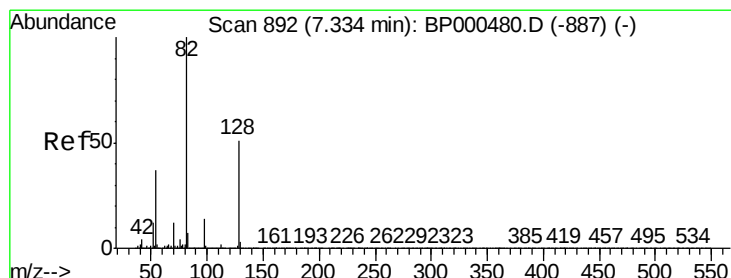
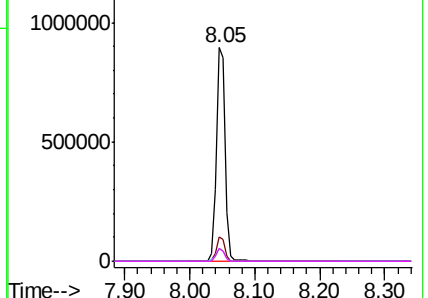
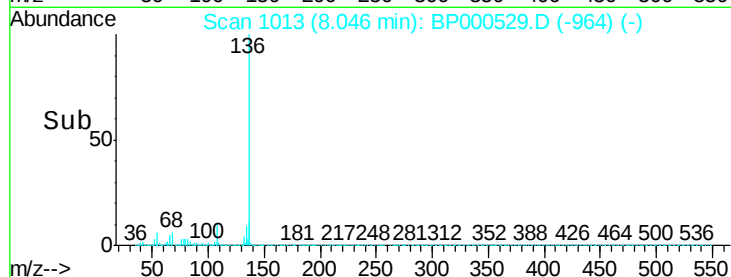


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.056 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

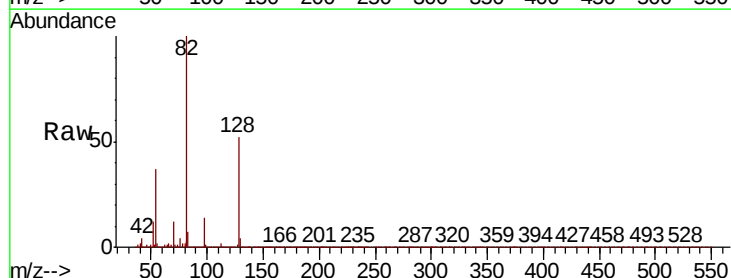
Tgt Ion: 82 Resp: 1085245

Ion Ratio Lower Upper

82 100

128 52.5 40.9 61.3

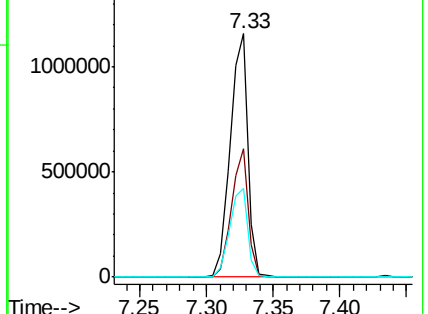
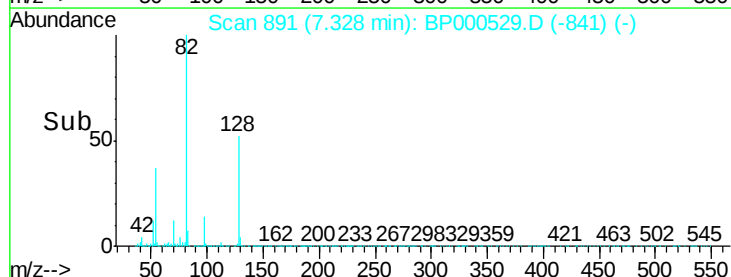
54 36.7 29.4 44.2

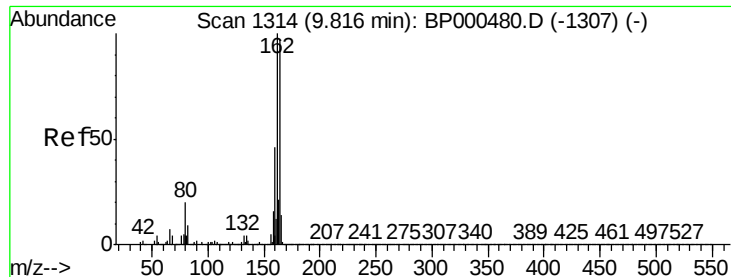


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

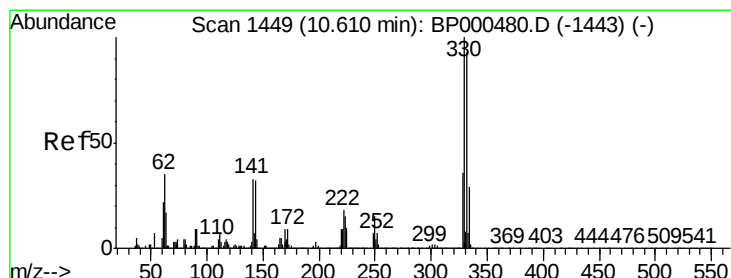
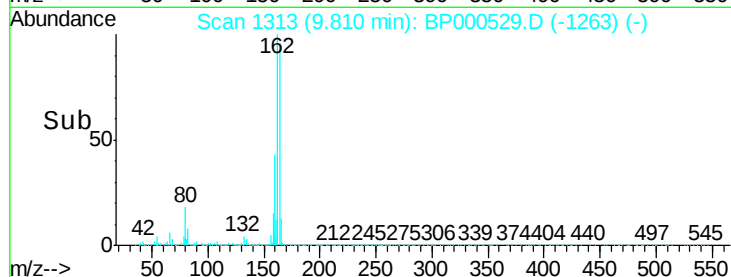
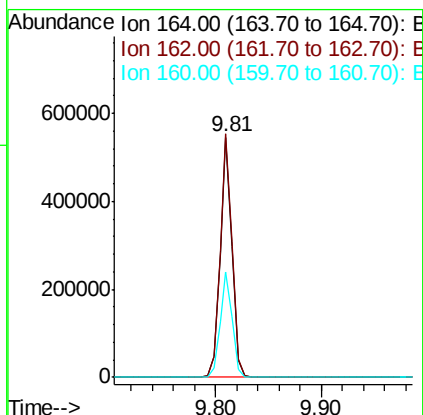
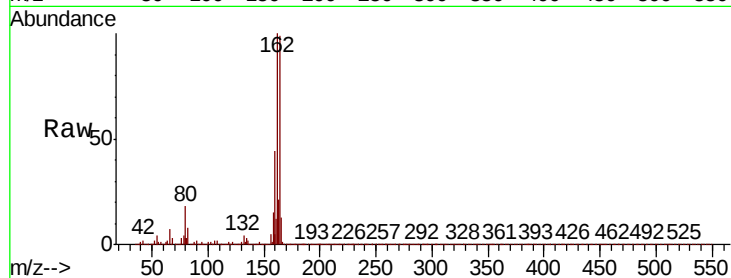




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000529.D
Acq: 05 Oct 2019 00:01

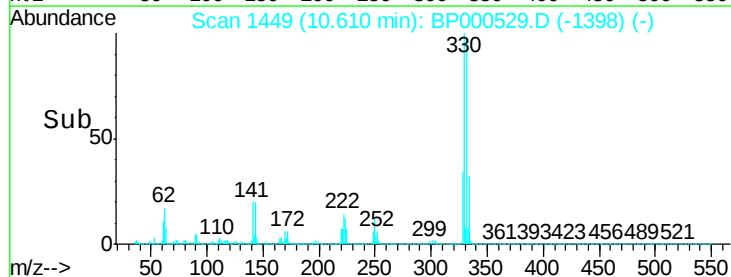
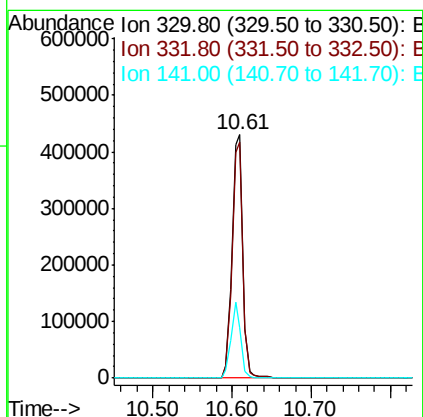
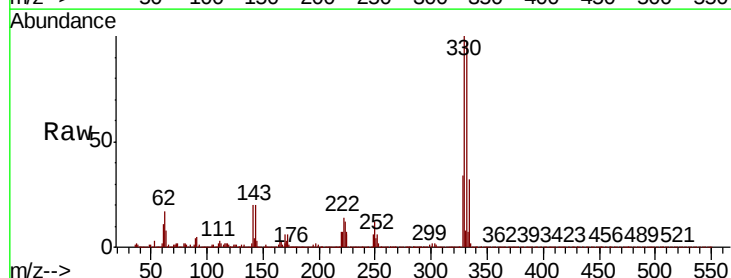
Instrument :
BNA_P
ClientSampleId :
NB-08-100219

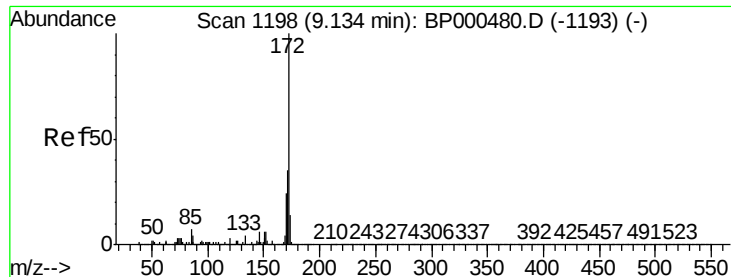
Tot Ion:164 Resp: 432574
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 44.1 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 87.981 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000529.D
Acq: 05 Oct 2019 00:01

Tgt Ion:330 Resp: 405558
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 28.3 26.0 39.0

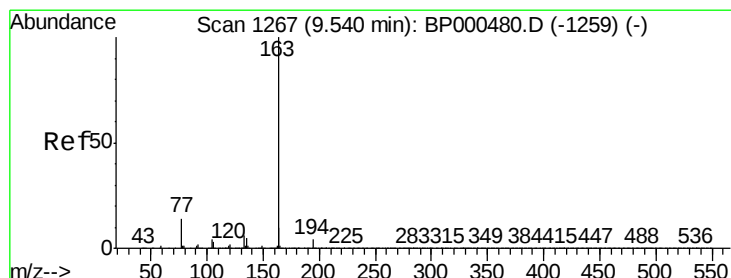
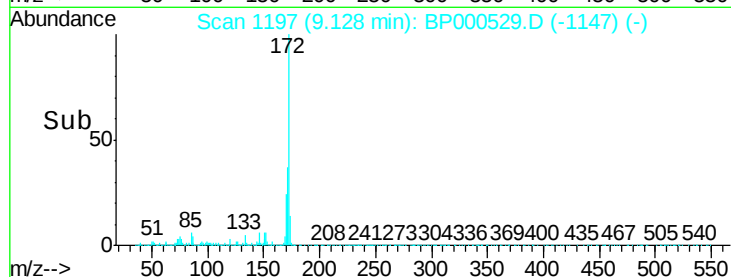
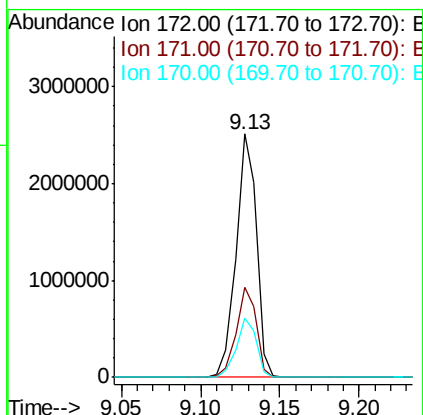
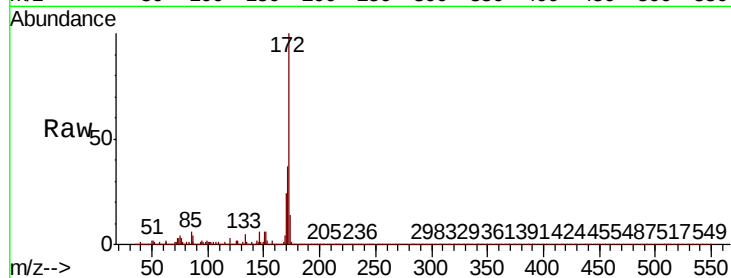




#45
2-Fluorobiphenyl
Concen: 83.948 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000529.D
Acq: 05 Oct 2019 00:01

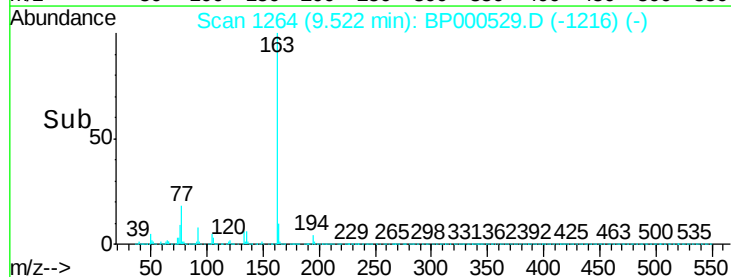
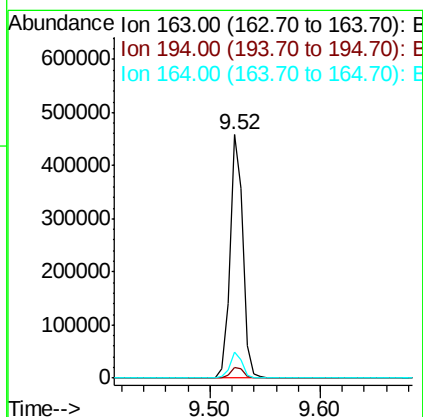
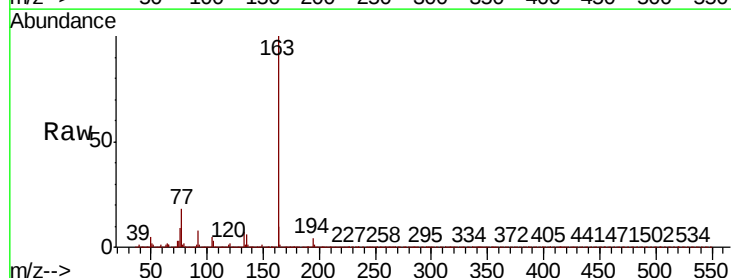
Instrument :
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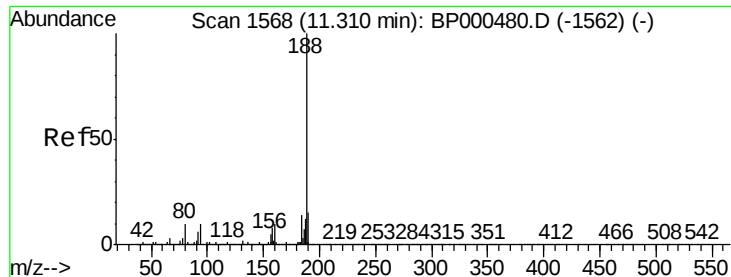
Tot Ion:172 Resp: 2244355
Ion Ratio Lower Upper
172 100
171 36.8 28.4 42.6
170 24.2 19.1 28.7



#50
Dimethylphthalate
Concen: 12.362 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000529.D
Acq: 05 Oct 2019 00:01

Tgt Ion:163 Resp: 371556
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.5 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

Instrument :

BNA_P

ClientSampleId :

NB-08-100219

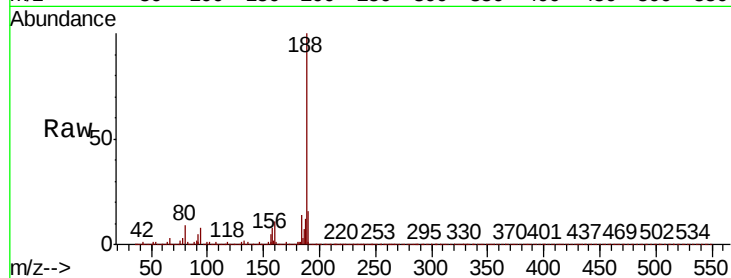
Tot Ion:188 Resp: 421064

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

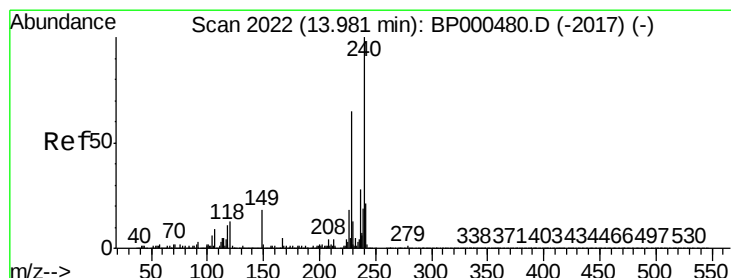
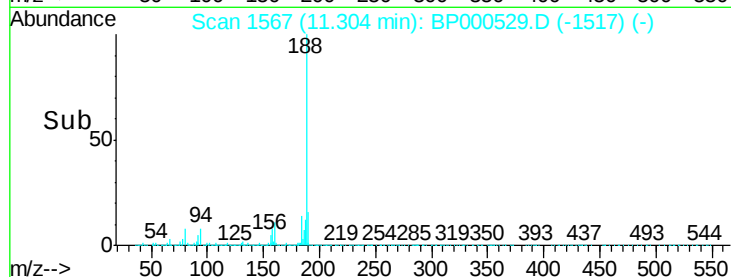
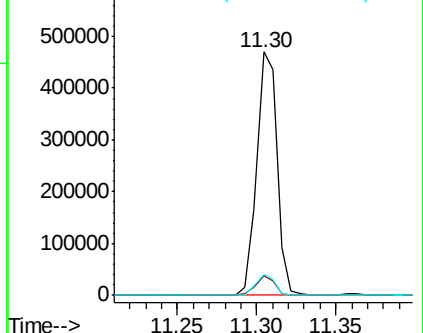
80 8.5 8.3 12.5



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BP000529.D

Acq: 05 Oct 2019 00:01

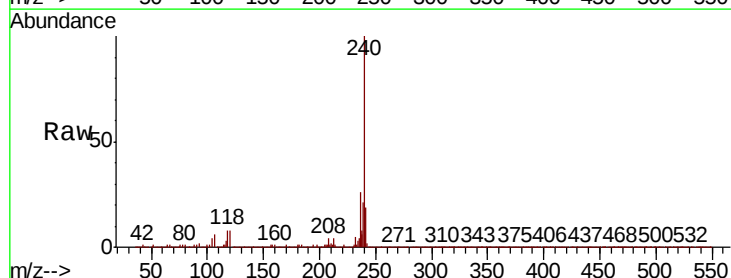
Tgt Ion:240 Resp: 389650

Ion Ratio Lower Upper

240 100

120 8.3 10.1 15.1#

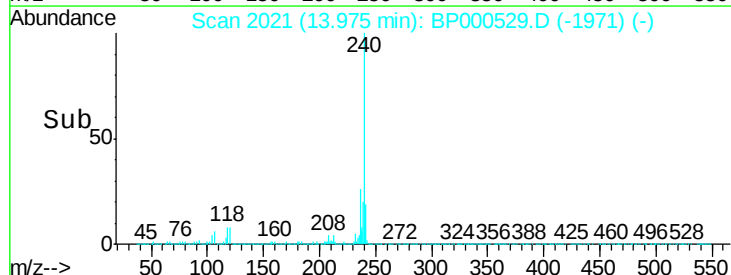
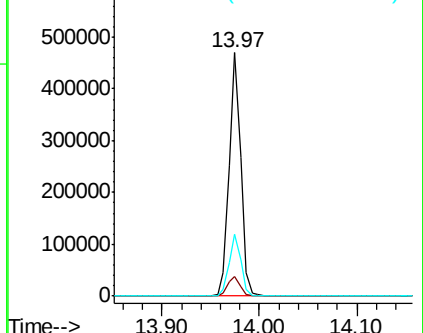
236 25.6 22.7 34.1

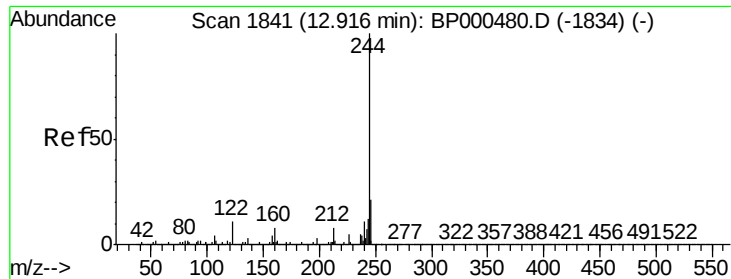


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

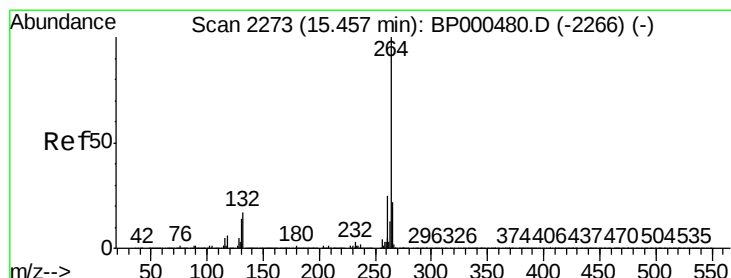
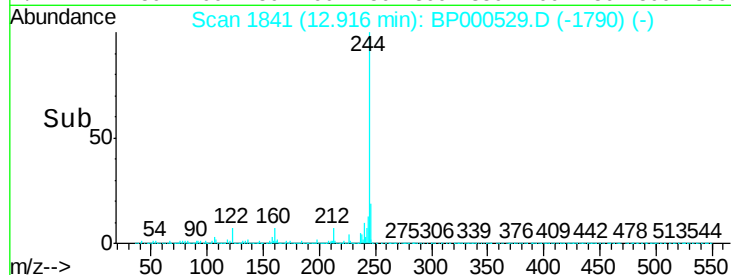
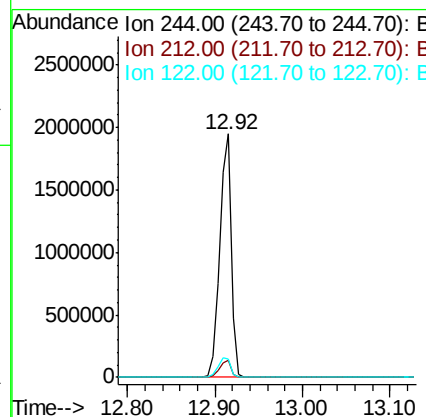
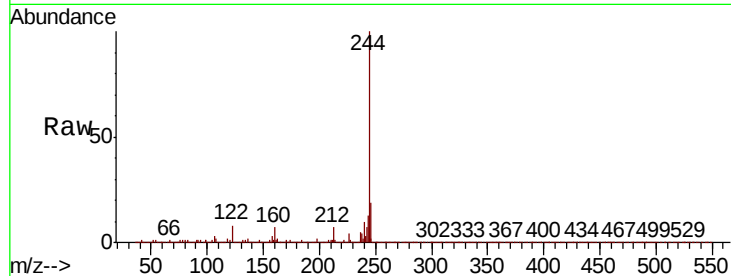




#79
 Terphenyl-d14
 Concen: 92.601 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BP000529.D
 Acq: 05 Oct 2019 00:01

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-100219

Tot Ion:244 Resp: 1782069
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.5 8.9 13.3#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BP000529.D
 Acq: 05 Oct 2019 00:01

Tgt Ion:264 Resp: 421760
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.3 30.5
 265 22.1 18.0 27.0

