

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100319\
 Data File : BP000500.D
 Acq On : 03 Oct 2019 17:09
 Operator : JU
 Sample : K5131-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190825-COMPOSITE-A

Quant Time: Oct 04 02:00:16 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

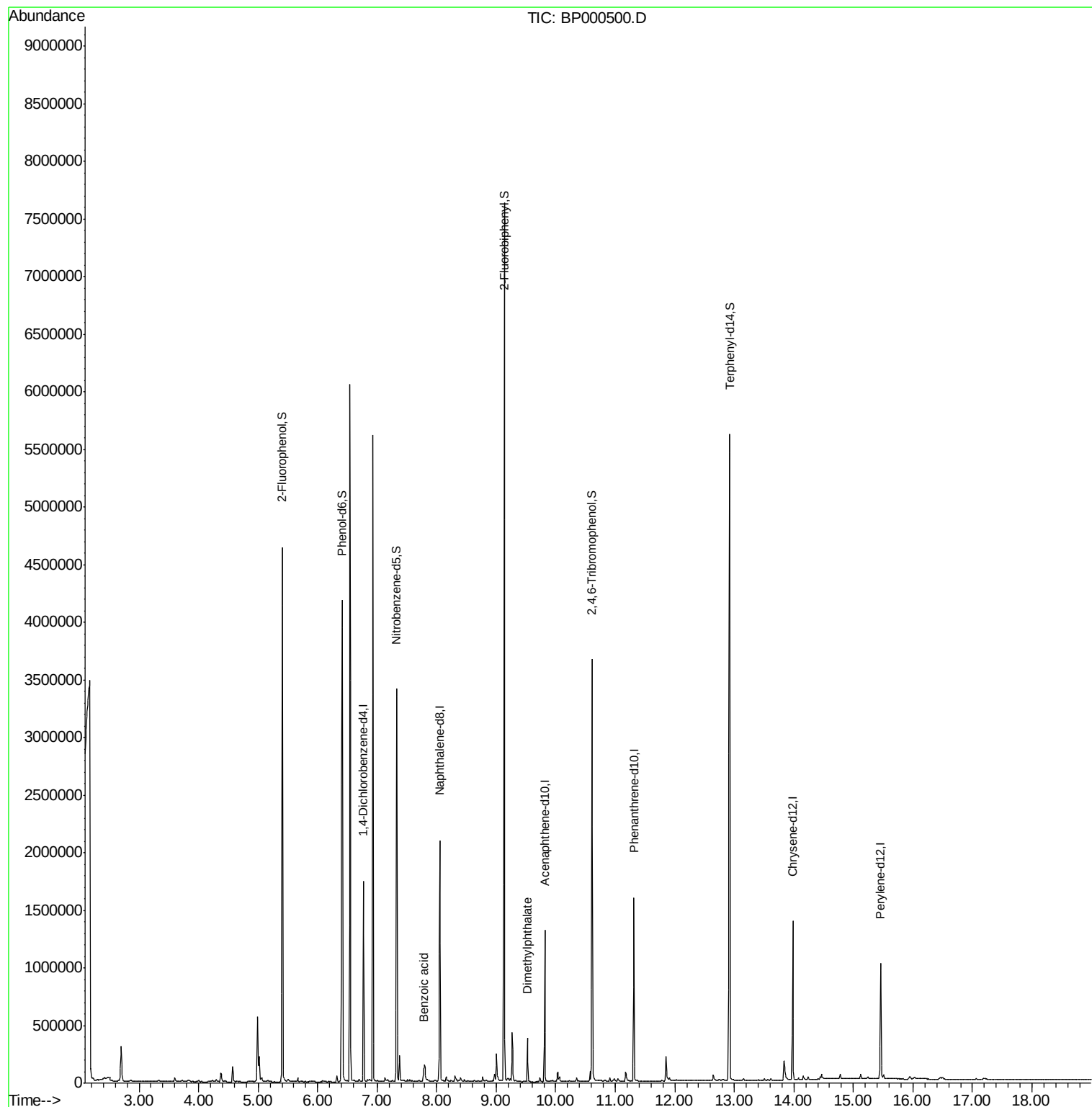
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	257510	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	881097	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	268820	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	520956	20.00	ng	0.00
76) Chrysene-d12	13.98	240	463827	20.00	ng	0.00
87) Perylene-d12	15.46	264	503256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1601378	99.96	ng	0.01
7) Phenol-d6	6.41	99	1810762	93.80	ng	0.00
23) Nitrobenzene-d5	7.33	82	1256381	87.09	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	519274	181.27	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2520252	151.69	ng	0.00
79) Terphenyl-d14	12.92	244	2135484	93.22	ng	0.00
Target Compounds						
32) Benzoic acid	7.79	122	31223	4.409	ng	100
50) Dimethylphthalate	9.53	163	139389	7.462	ng	99

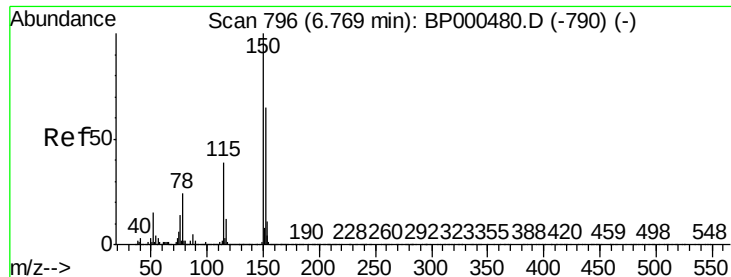
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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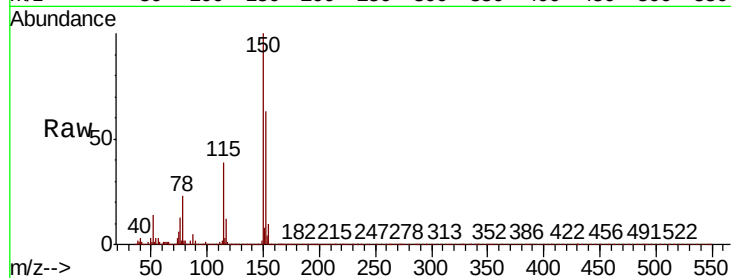


#1

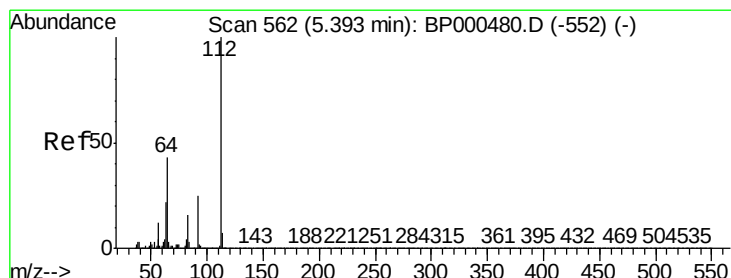
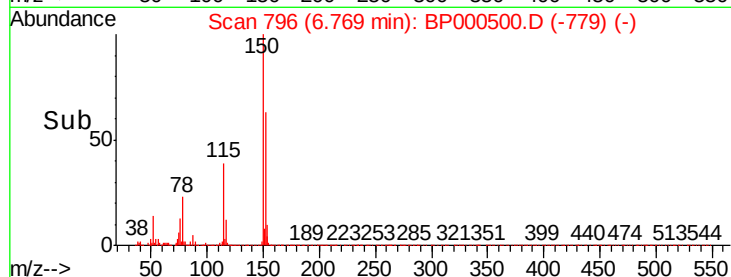
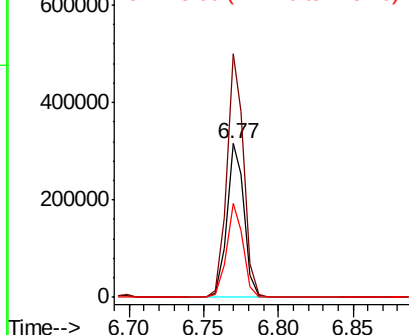
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.1	186.1
115	60.9	48.7	73.1



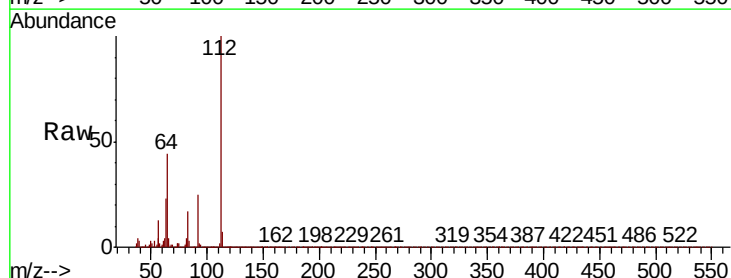
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



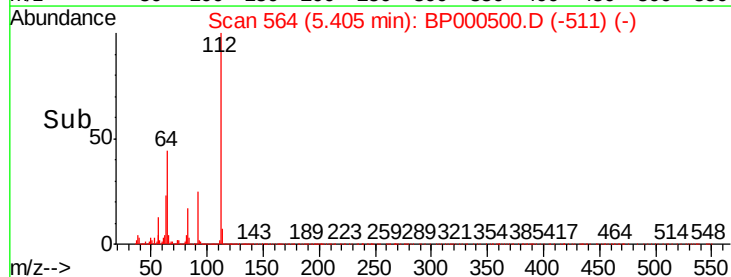
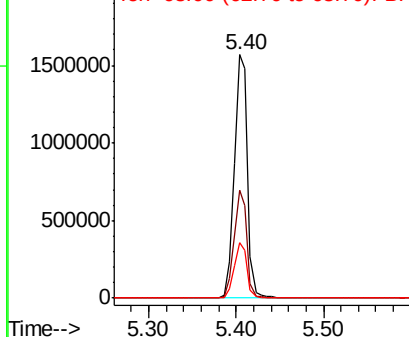
#5

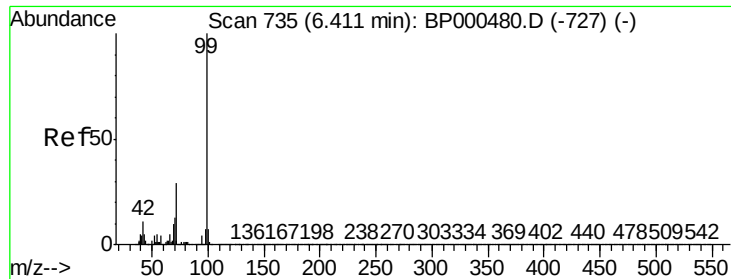
2-Fluorophenol
Concen: 99.962 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	34.2	51.4
63	22.9	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: 93.799 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BP000500.D

Acq: 03 Oct 2019 17:09

Instrument :

BNA_P

ClientSampleId :

20190825-COMPOSITE-A

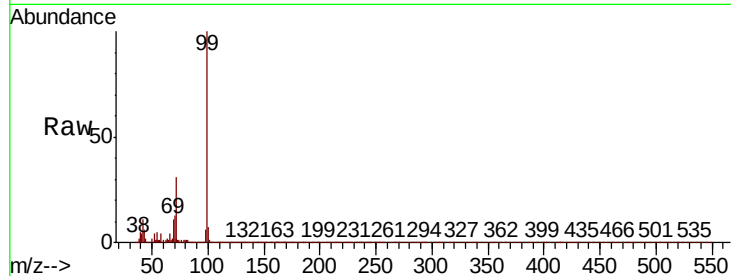
Tot Ion: 99 Resp: 1810762

Ion Ratio Lower Upper

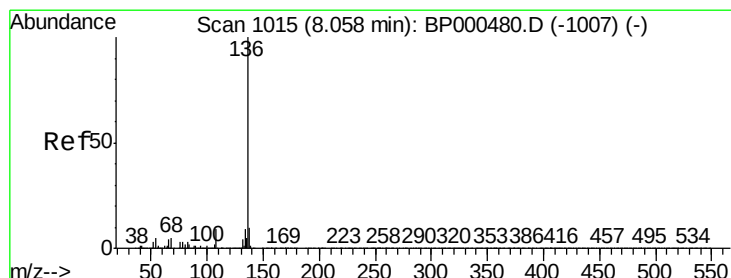
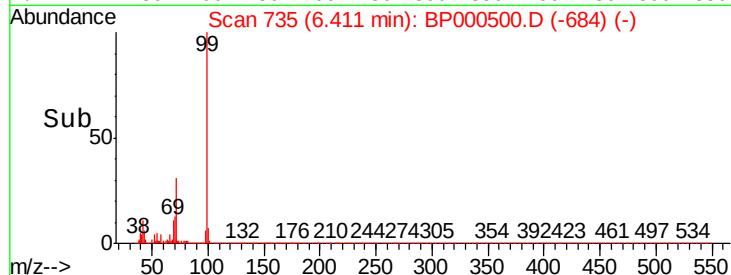
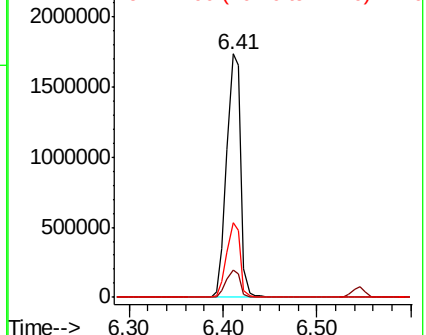
99 100

42 11.4 8.6 12.8

71 30.6 23.0 34.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BP000500.D

Acq: 03 Oct 2019 17:09

Tgt Ion: 136 Resp: 881097

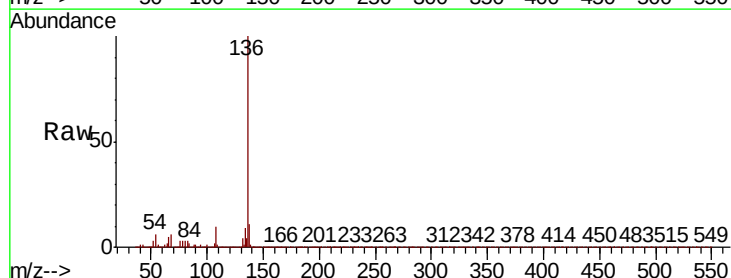
Ion Ratio Lower Upper

136 100

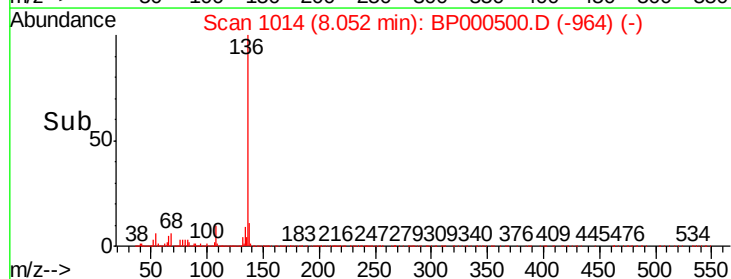
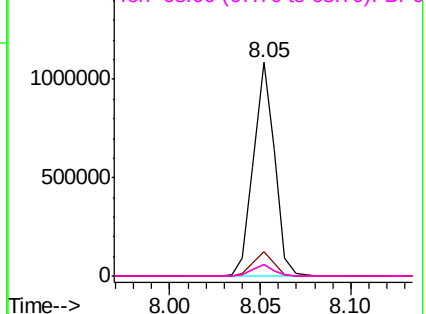
137 11.2 8.2 12.4

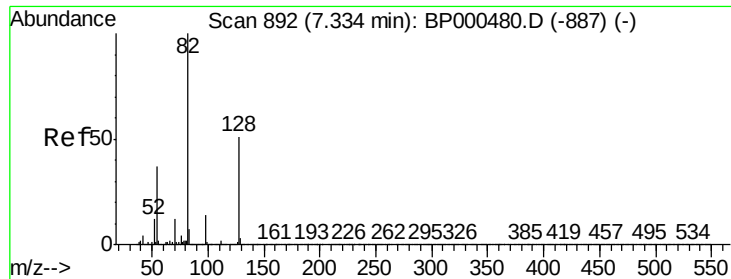
54 5.6 4.1 6.1

68 5.5 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

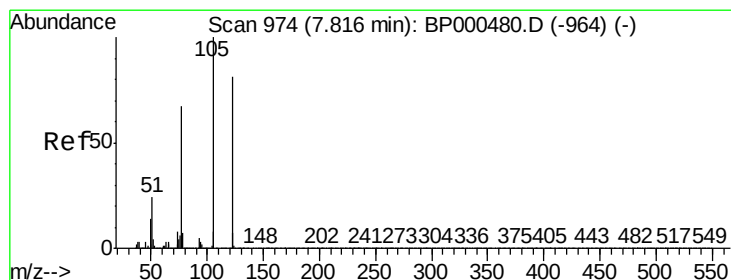
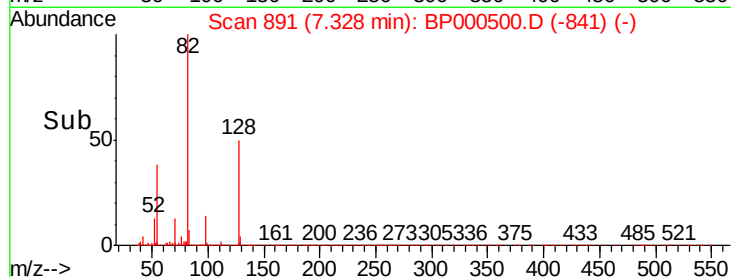
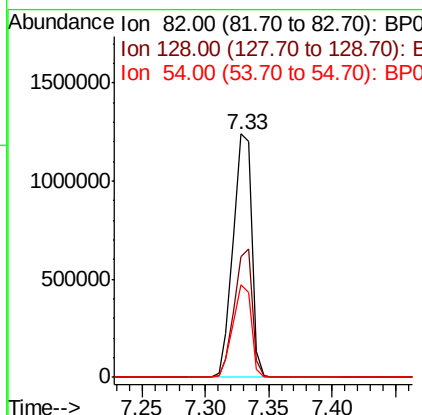
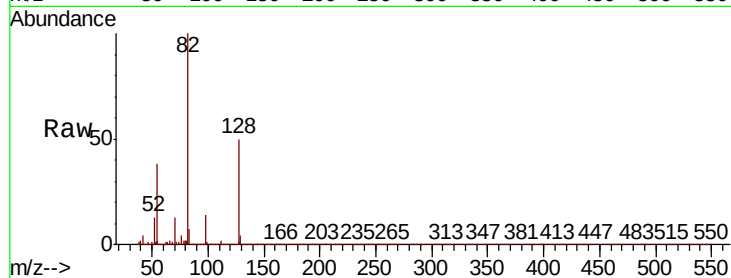




#23
Nitrobenzene-d5
Concen: 87.089 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

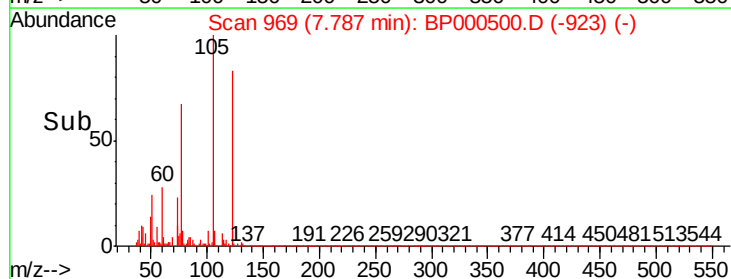
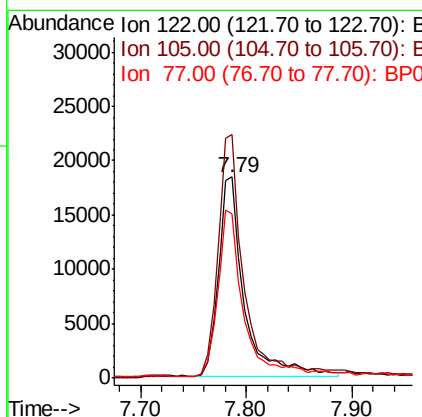
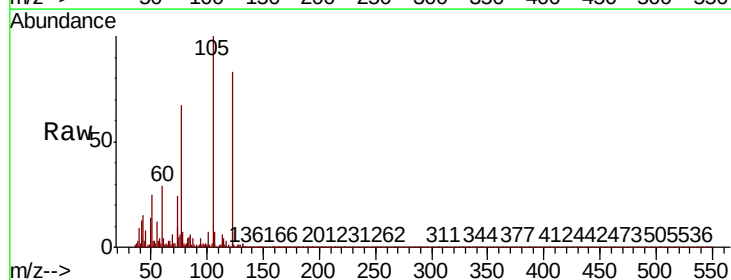
Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

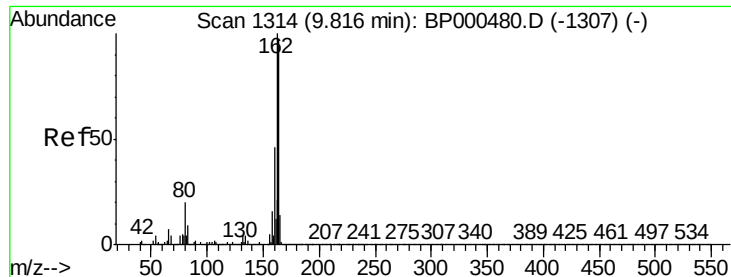
Tot Ion: 82 Resp: 1256381
Ion Ratio Lower Upper
82 100
128 49.6 40.9 61.3
54 37.9 29.4 44.2



#32
Benzoic acid
Concen: 4.409 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:122 Resp: 31223
Ion Ratio Lower Upper
122 100
105 121.2 101.4 141.4
77 81.7 62.1 102.1

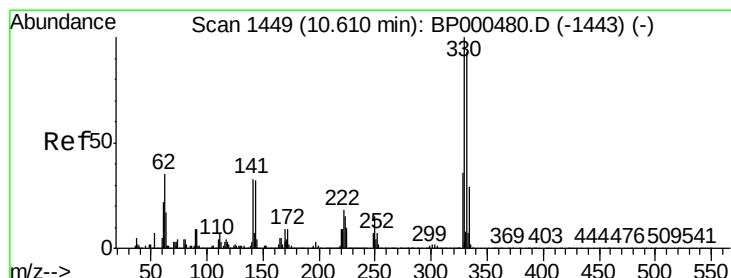
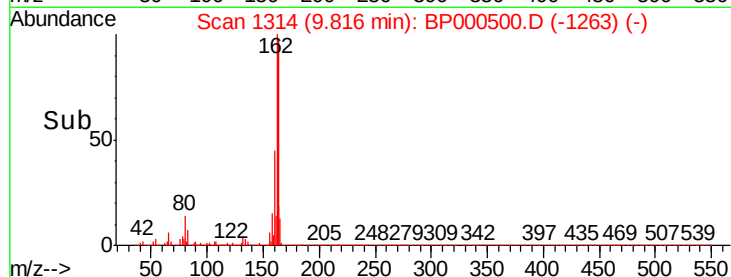
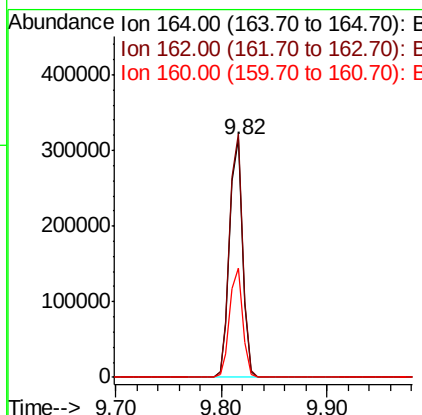
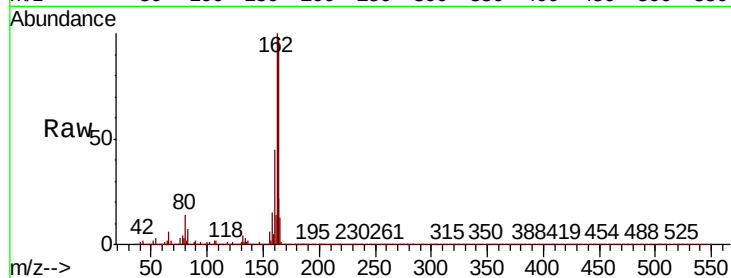




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

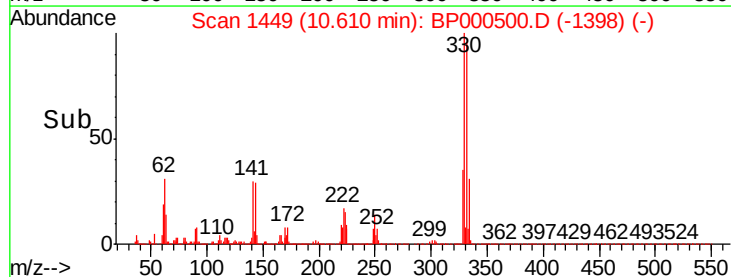
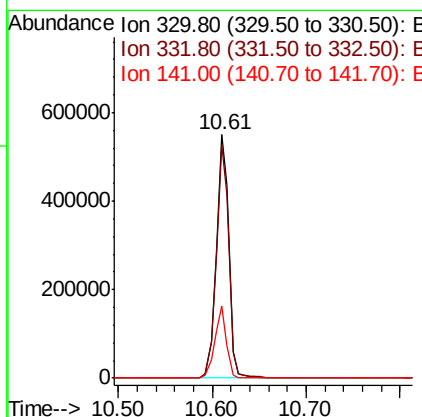
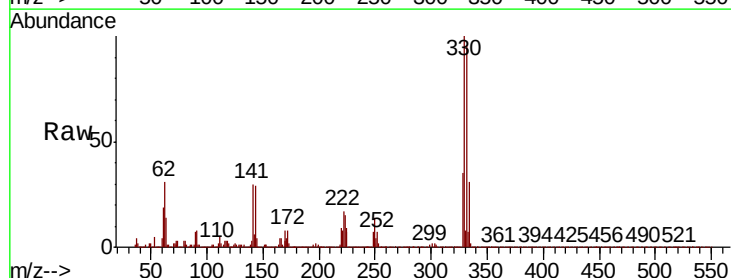
Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

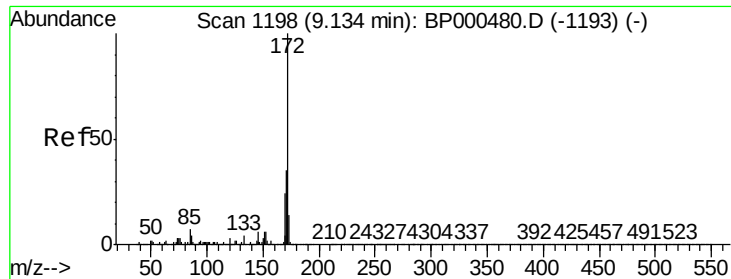
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	45.8	37.6	56.4



#42
2,4,6-Tribromophenol
Concen: 181.273 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	28.0	26.0	39.0

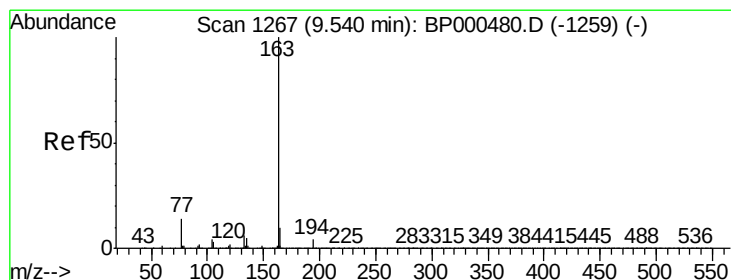
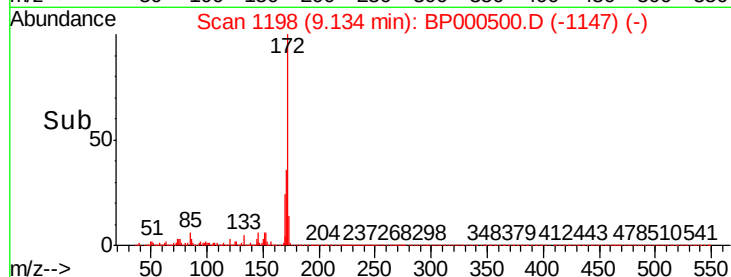
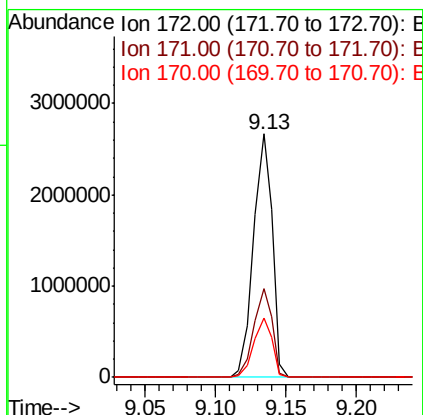
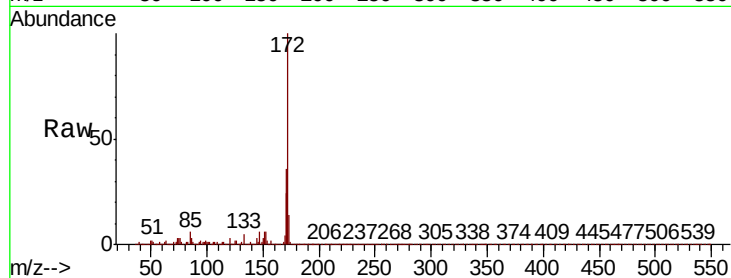




#45
2-Fluorobiphenyl
Concen: 151.691 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

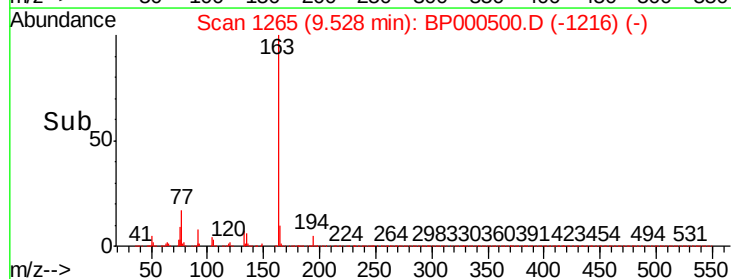
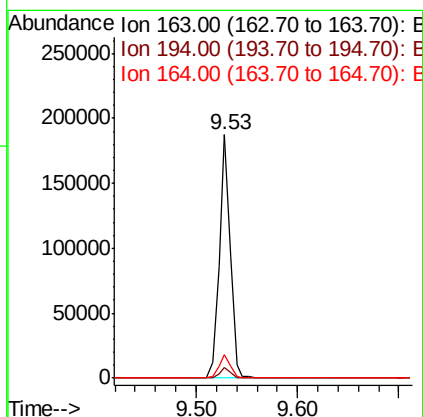
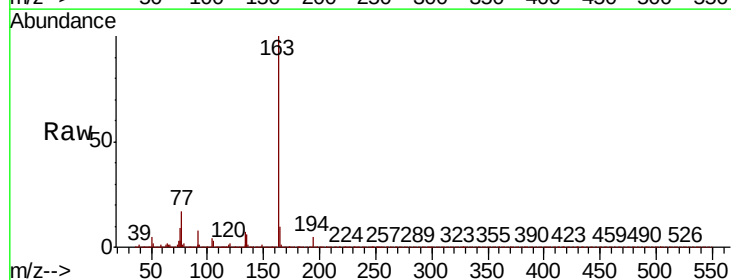
Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

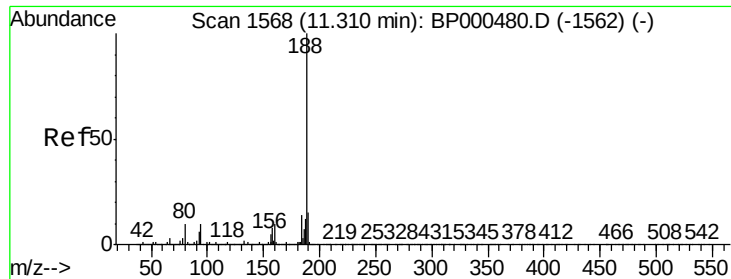
Tot Ion:172 Resp: 2520252
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.4 19.1 28.7



#50
Dimethylphthalate
Concen: 7.462 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:163 Resp: 139389
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.6 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BP000500.D

Acq: 03 Oct 2019 17:09

Instrument :

BNA_P

ClientSampleId :

20190825-COMPOSITE-A

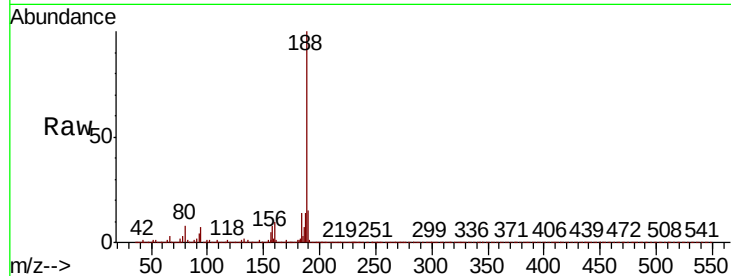
Tot Ion:188 Resp: 520956

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.2#

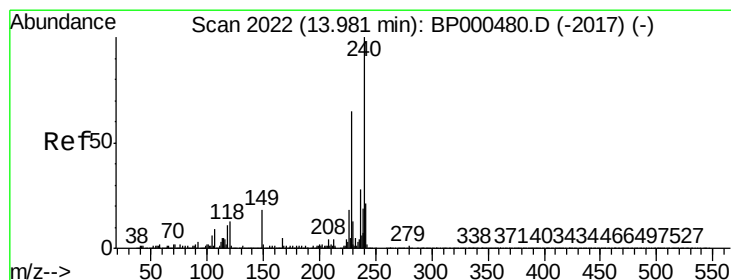
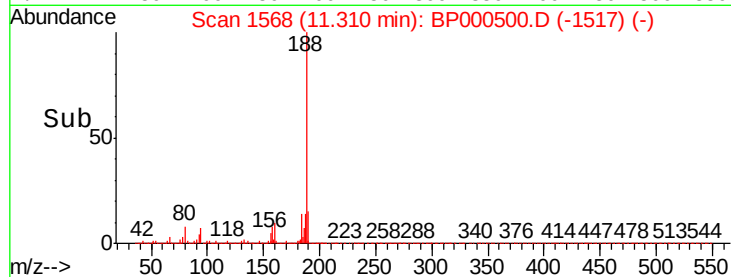
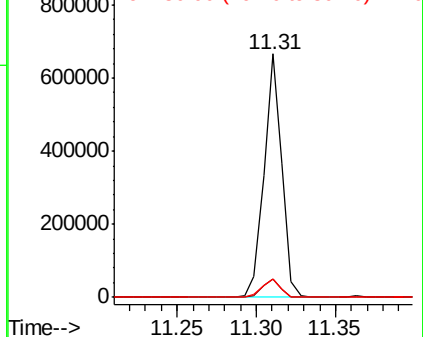
80 7.5 8.3 12.5#



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: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BP000500.D

Acq: 03 Oct 2019 17:09

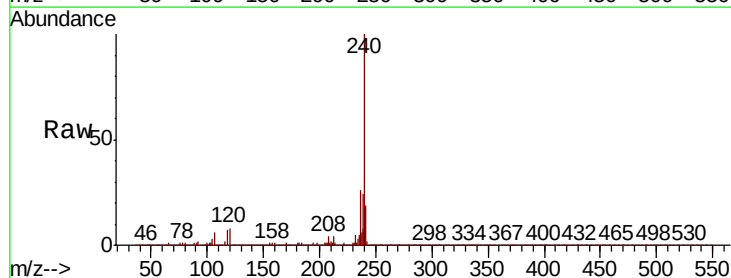
Tgt Ion:240 Resp: 463827

Ion Ratio Lower Upper

240 100

120 7.6 10.1 15.1#

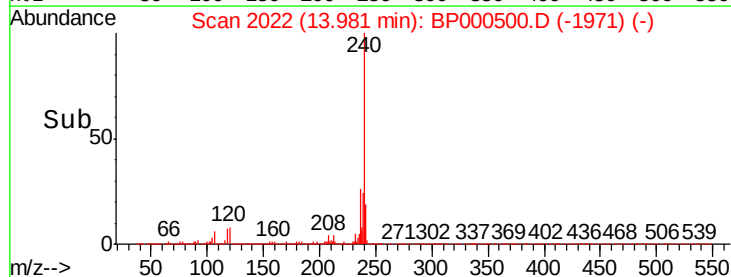
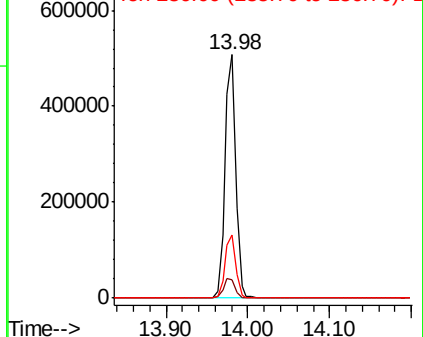
236 25.7 22.7 34.1

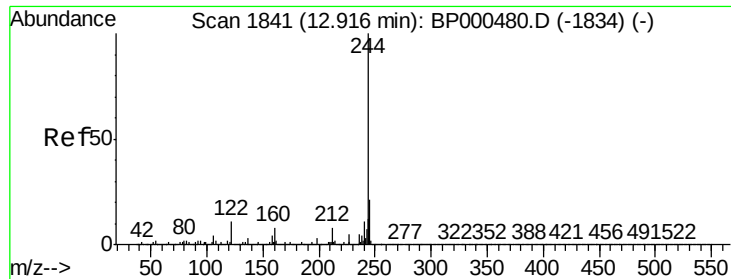


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.219 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000500.D

Acq: 03 Oct 2019 17:09

Instrument :

BNA_P

ClientSampleId :

20190825-COMPOSITE-A

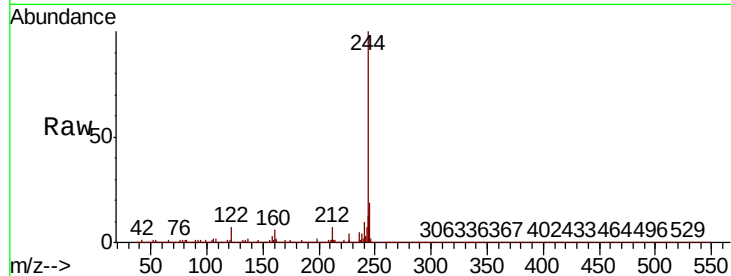
Tot Ion:244 Resp: 2135484

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

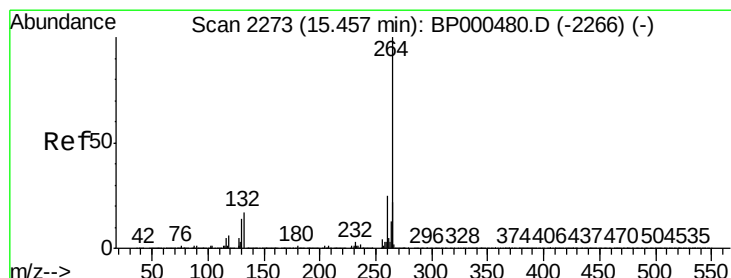
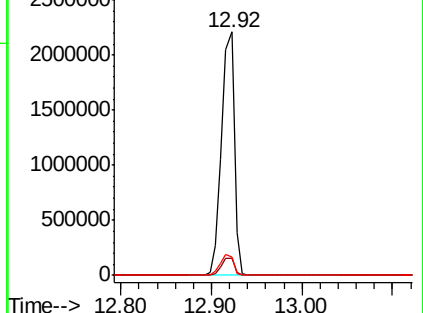
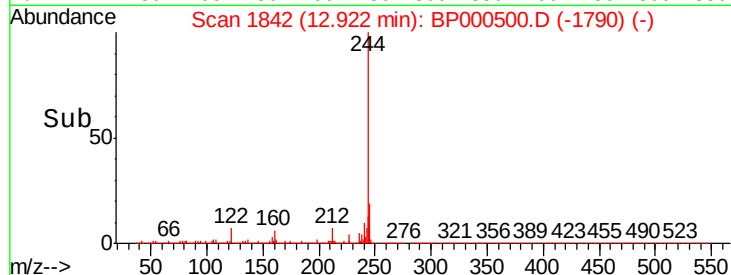
122 7.3 8.9 13.3#



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BP000500.D

Acq: 03 Oct 2019 17:09

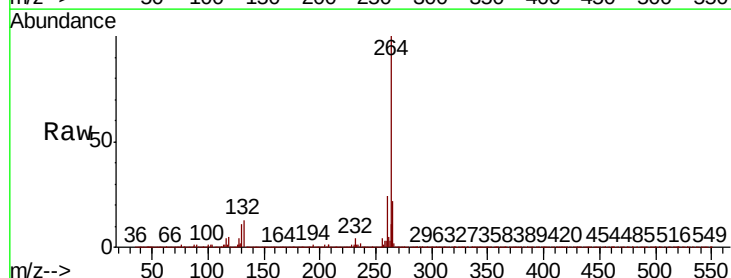
Tgt Ion:264 Resp: 503256

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 22.0 18.0 27.0



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

