

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000867.D
 Acq On : 18 Oct 2019 04:41
 Operator : JU
 Sample : K5392-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-22A-D

Quant Time: Oct 18 08:39:46 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

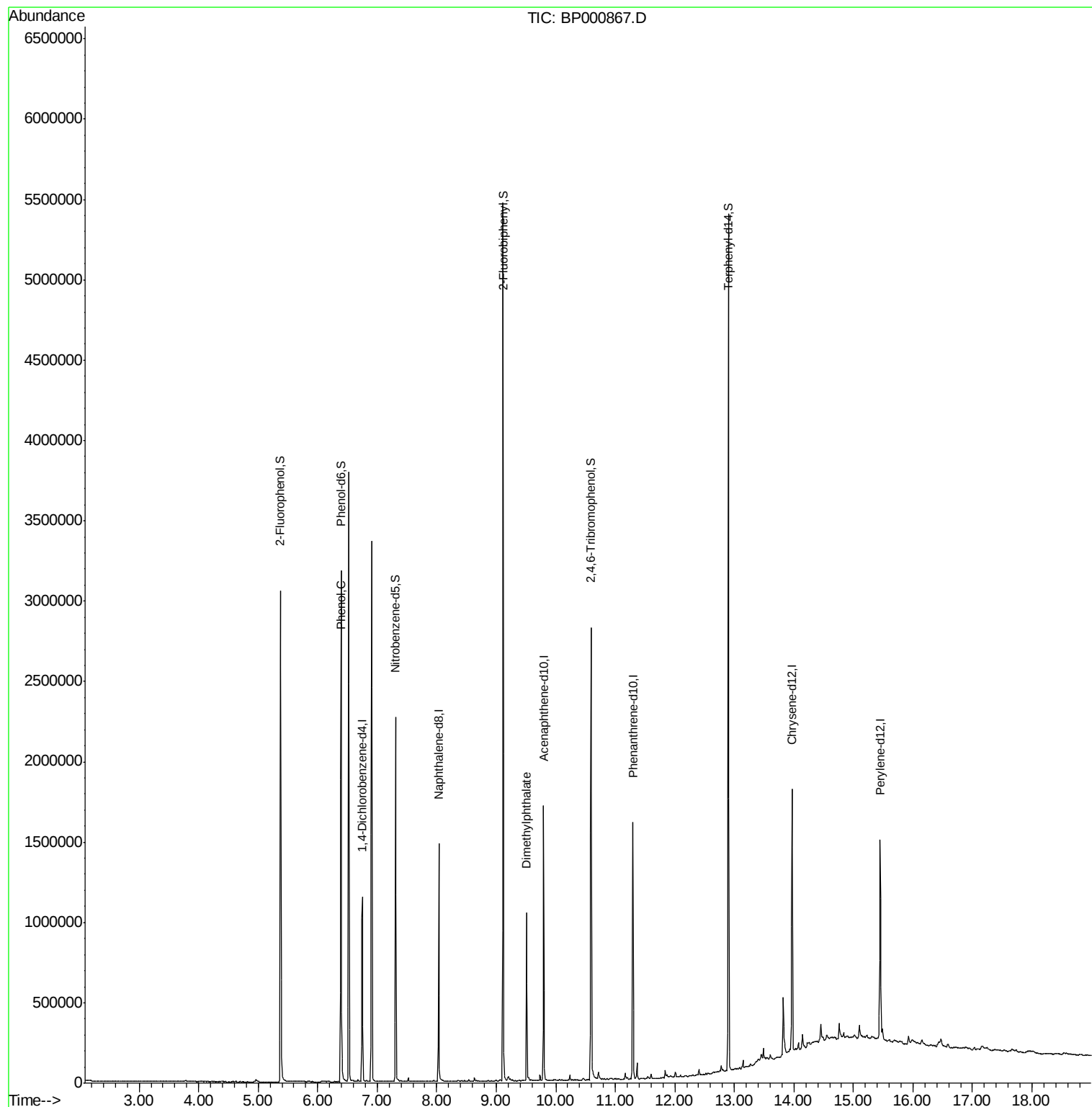
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	184567	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	643427	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	340874	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	611476	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	531089	20.00	ng	-0.01
87) Perylene-d12	15.45	264	575921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1027295	89.47	ng	-0.02
7) Phenol-d6	6.39	99	1287468	93.05	ng	-0.02
23) Nitrobenzene-d5	7.31	82	692863	65.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	371132	102.17	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1573960	74.71	ng	-0.02
79) Terphenyl-d14	12.90	244	1815116	69.20	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	34546	2.439	ng	95
50) Dimethylphthalate	9.51	163	404091	17.061	ng	99

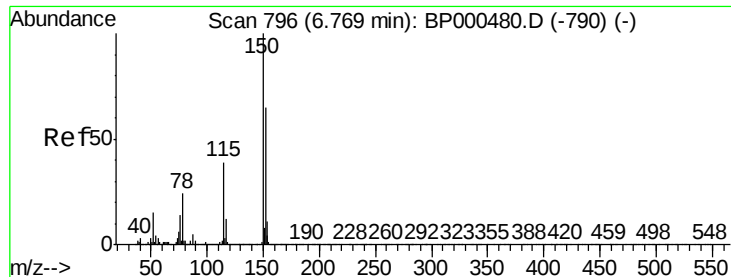
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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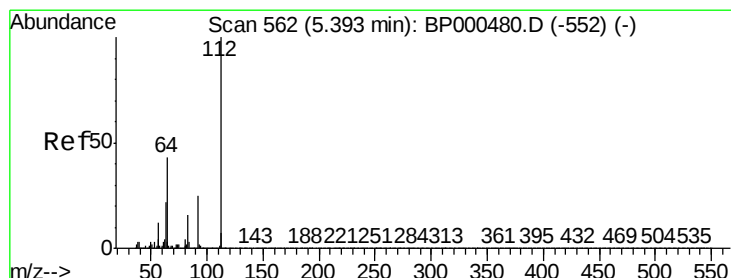
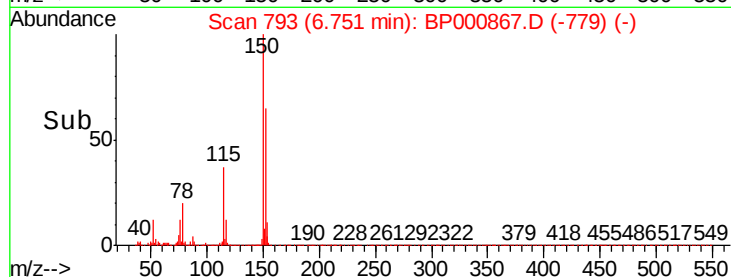
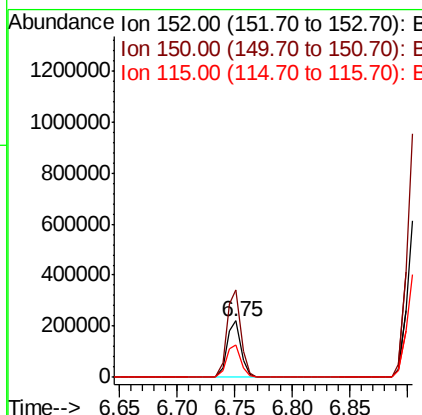
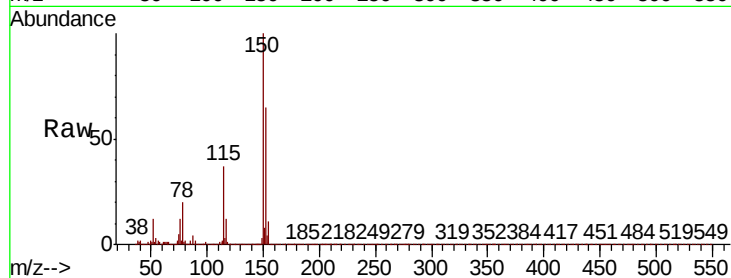


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:41

Instrument :
BNA_P
ClientSampled :
TP-22A-D

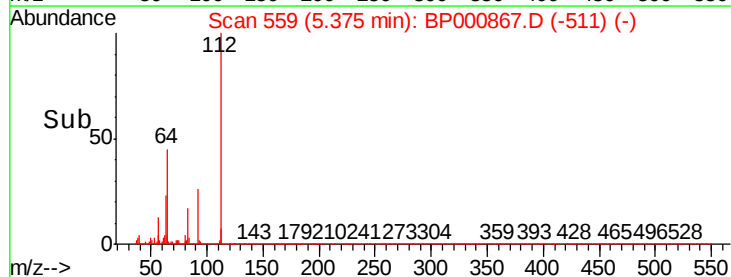
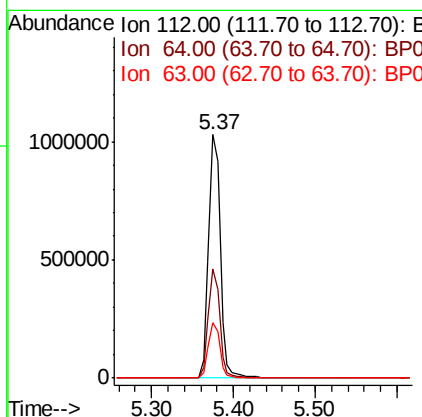
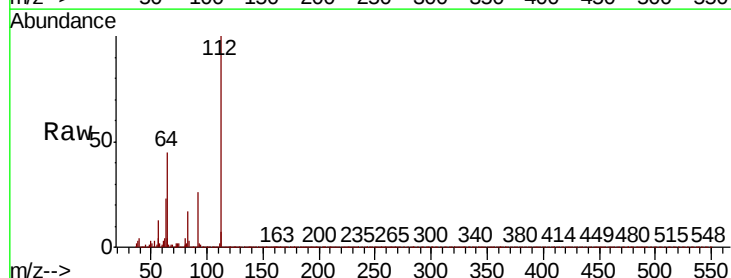
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.1	186.1
115	56.2	48.7	73.1

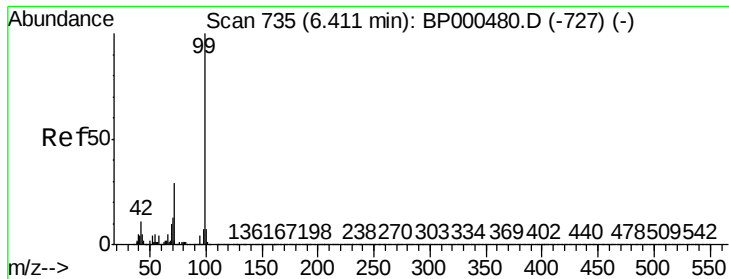


#5

2-Fluorophenol
Concen: 89.470 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	23.0	17.9	26.9





#7

Phenol-d6

Concen: 93.050 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

TP-22A-D

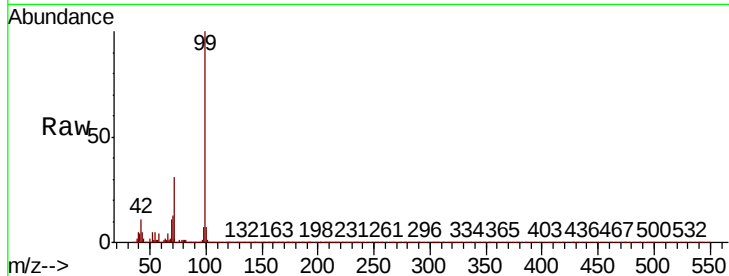
Tot Ion: 99 Resp: 1287468

Ion Ratio Lower Upper

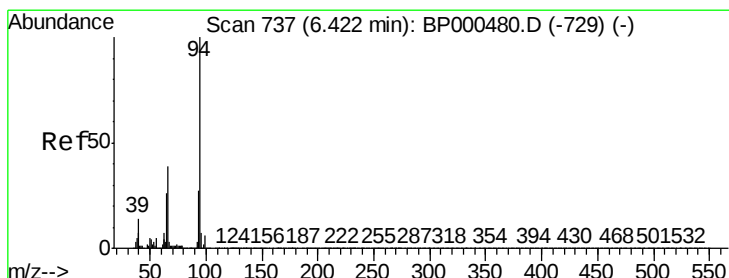
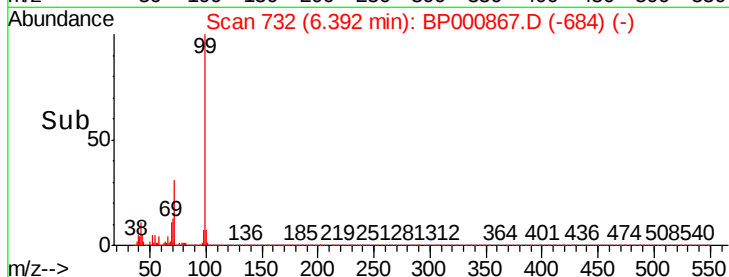
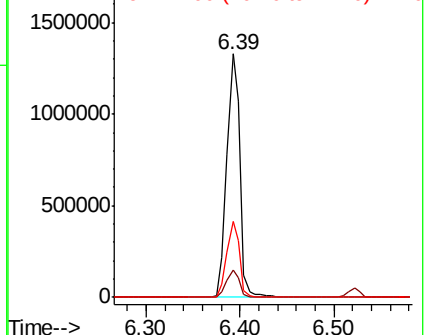
99 100

42 11.4 8.6 12.8

71 31.1 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



#10

Phenol

Concen: 2.439 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

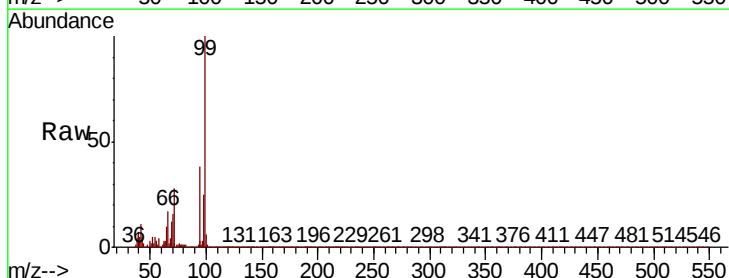
Tgt Ion: 94 Resp: 34546

Ion Ratio Lower Upper

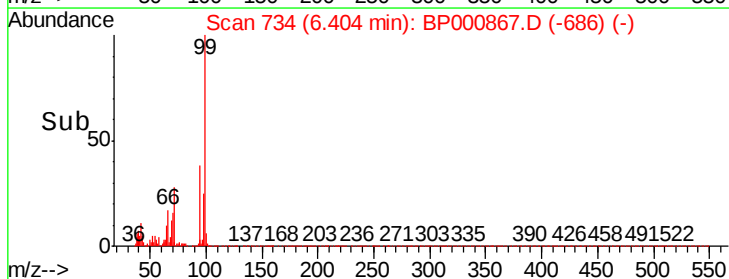
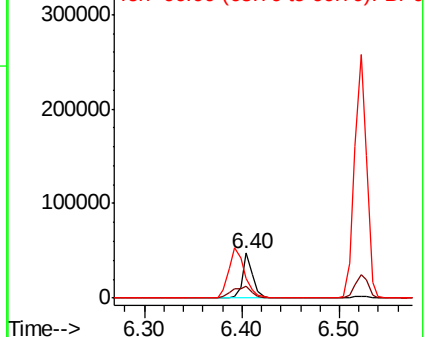
94 100

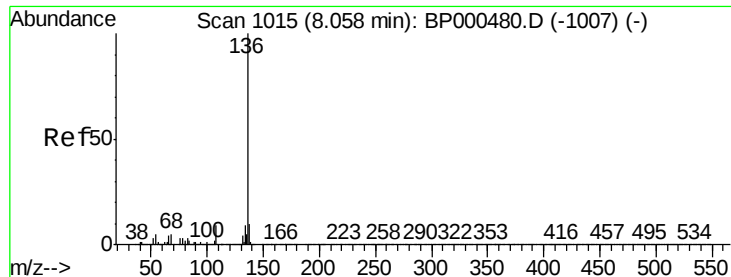
65 26.2 5.9 45.9

66 43.4 18.8 58.8



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: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

TP-22A-D

Tot Ion:136 Resp: 643427

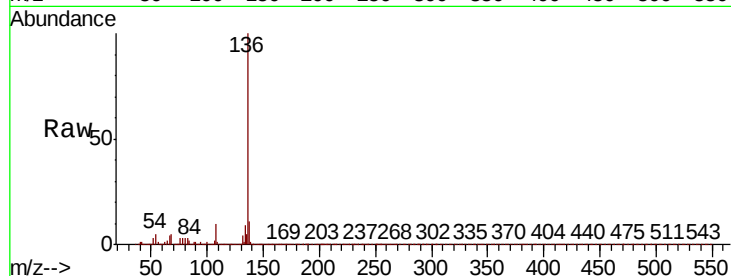
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 5.2 4.1 6.1

68 5.1 4.1 6.1

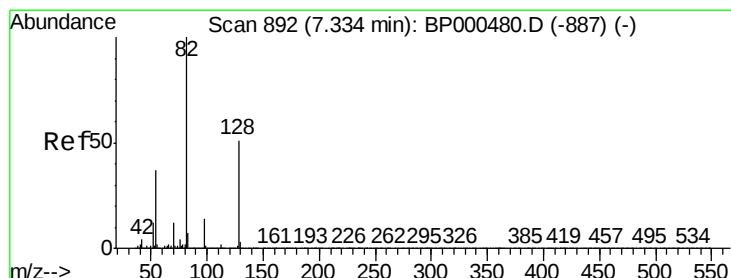
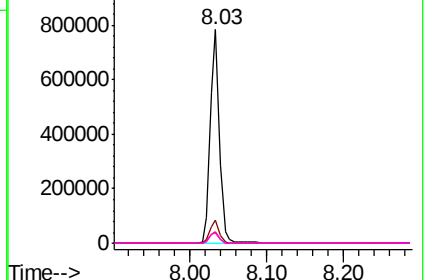
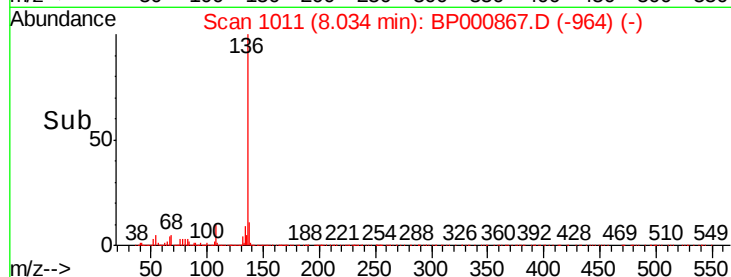


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.768 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

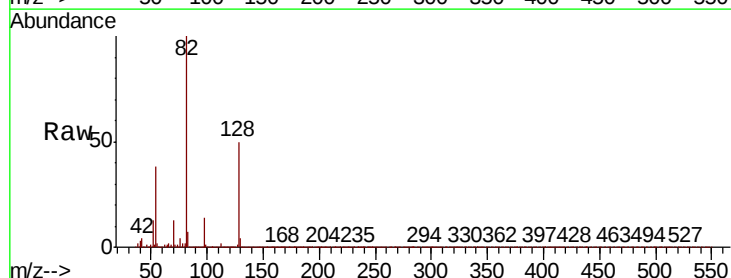
Tgt Ion: 82 Resp: 692863

Ion Ratio Lower Upper

82 100

128 50.5 40.9 61.3

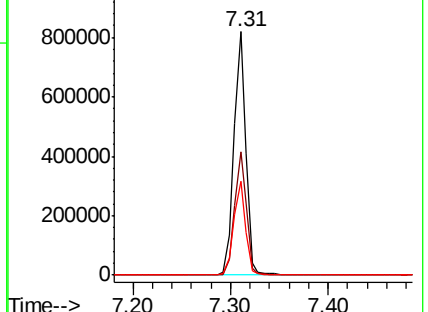
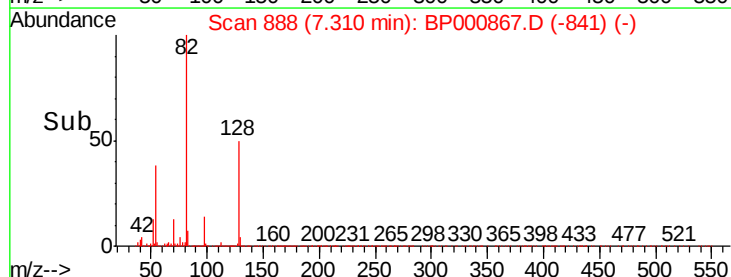
54 38.3 29.4 44.2

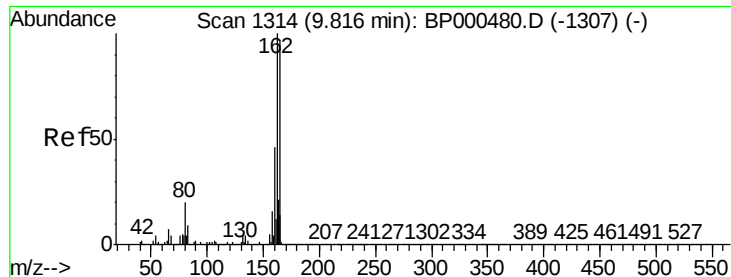


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

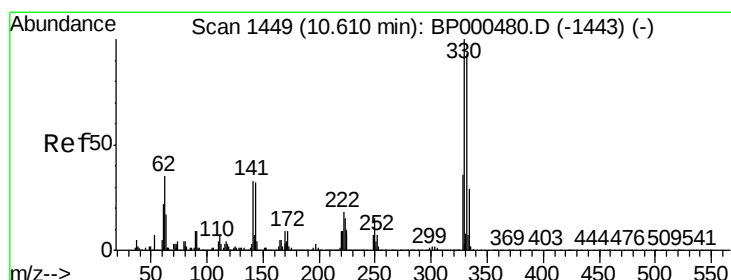
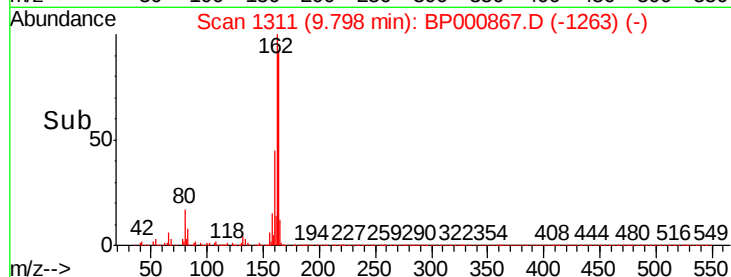
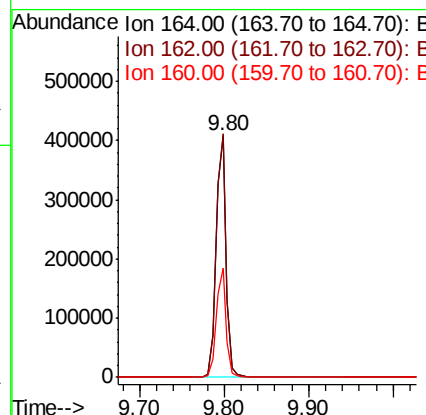
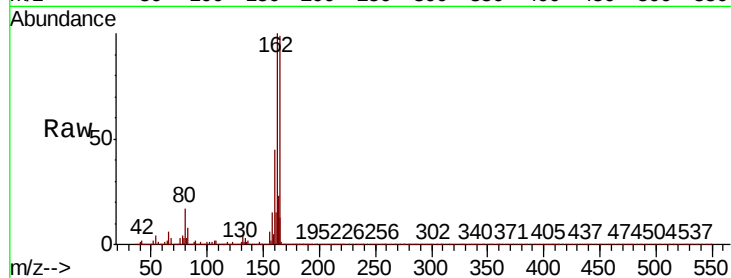




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BP000867.D
 Acq: 18 Oct 2019 04:41

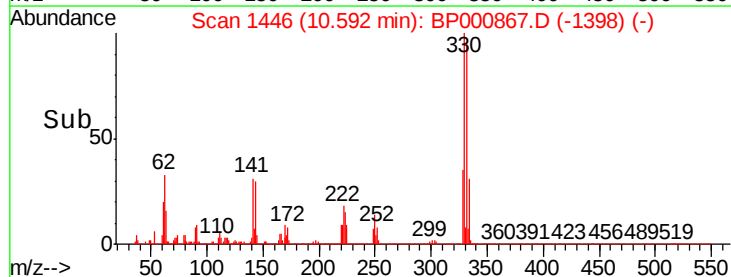
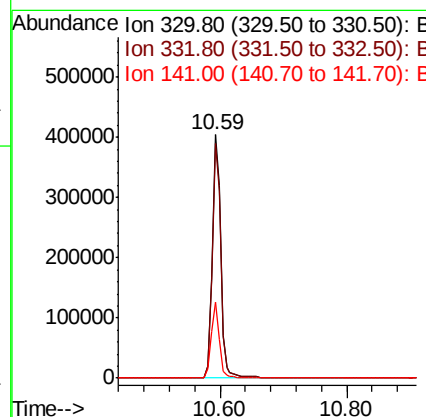
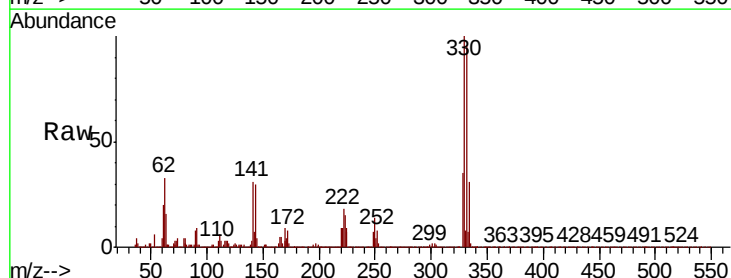
Instrument :
 BNA_P
 ClientSampled :
 TP-22A-D

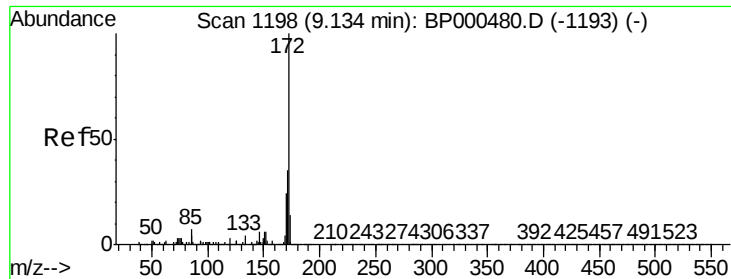
Tot Ion:164 Resp: 340874
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.2 123.2
 160 45.1 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 102.172 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000867.D
 Acq: 18 Oct 2019 04:41

Tgt Ion:330 Resp: 371132
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 29.7 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 74.710 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

Instrument :

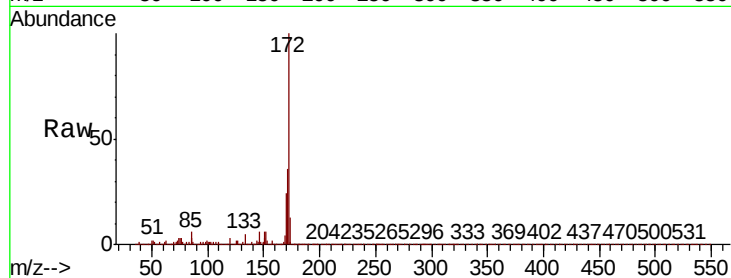
BNA_P

ClientSampleId :

TP-22A-D

Tot Ion:172 Resp: 1573960

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.1	19.1	28.7

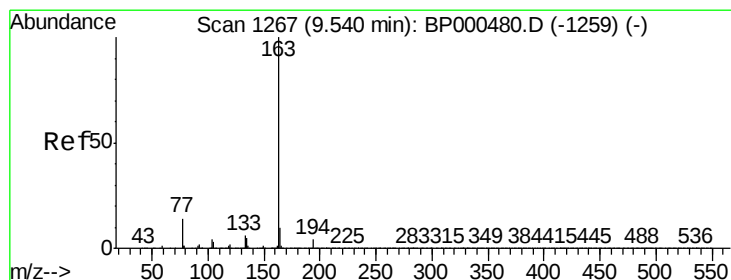
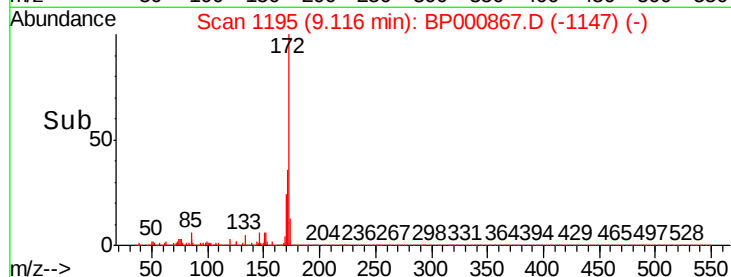
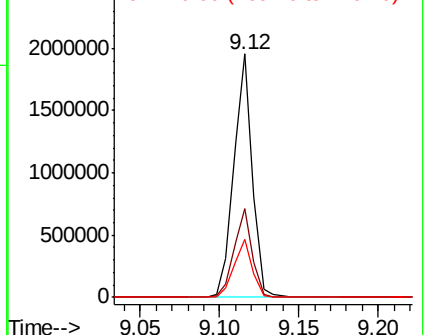


Abundance

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: 17.061 ng

RT: 9.51 min Scan# 1262

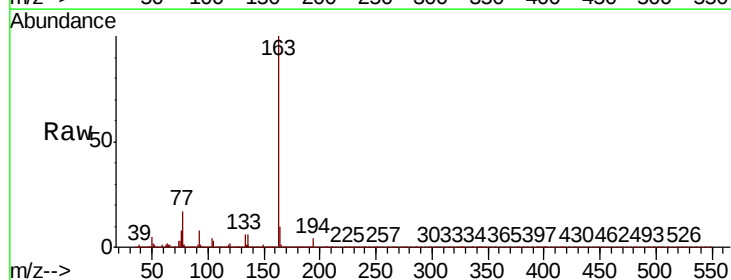
Delta R.T. -0.03 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

Tgt Ion:163 Resp: 404091

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.0	12.0

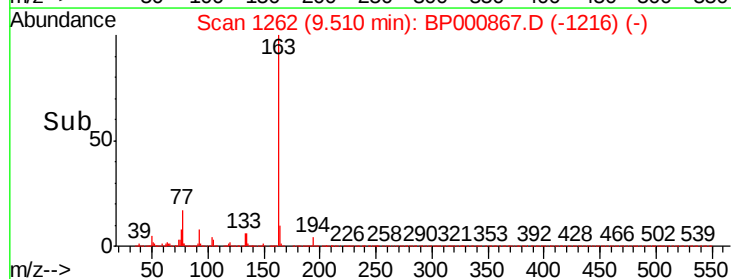
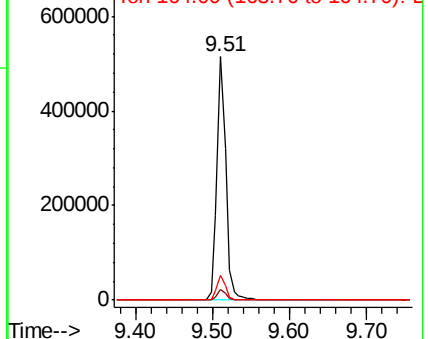


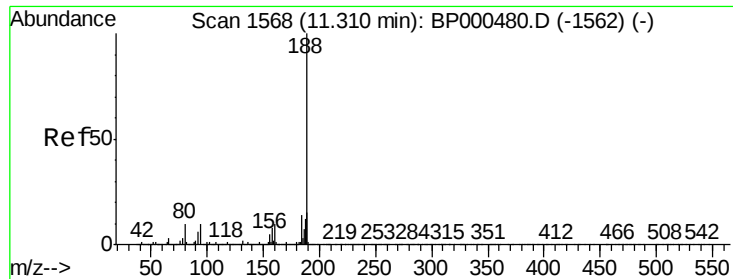
Abundance

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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampleId :

TP-22A-D

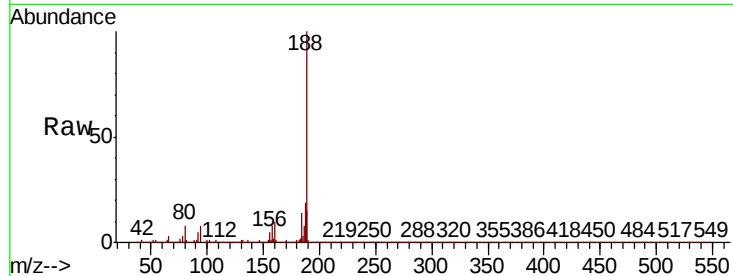
Tot Ion:188 Resp: 611476

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

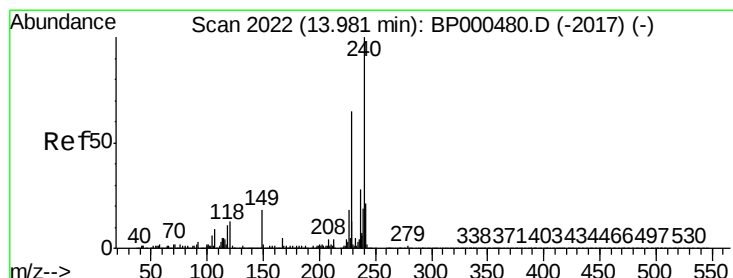
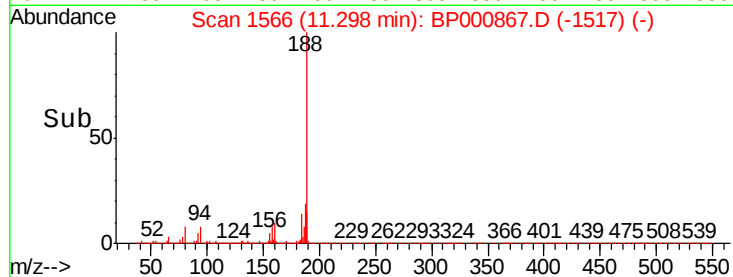
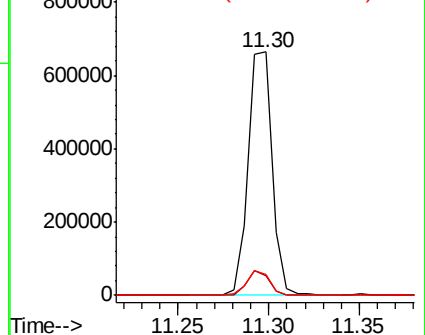
80 8.3 8.3 12.5



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# 2020

Delta R.T. -0.01 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

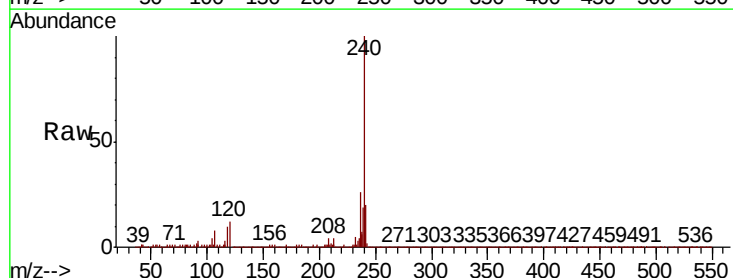
Tgt Ion:240 Resp: 531089

Ion Ratio Lower Upper

240 100

120 11.7 10.1 15.1

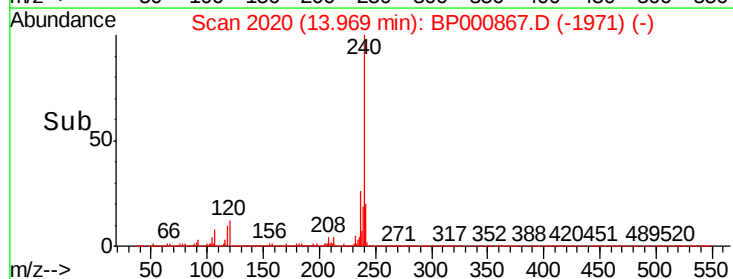
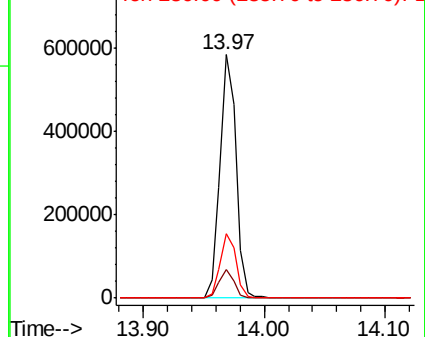
236 26.3 22.7 34.1

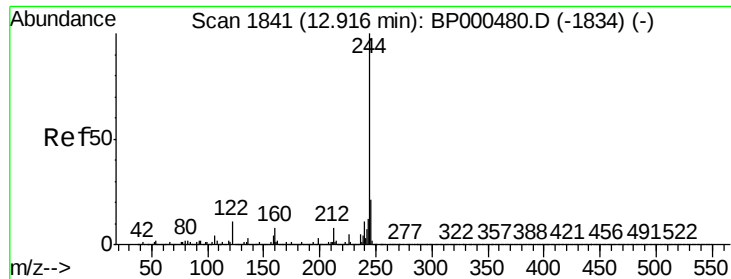


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.200 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

Instrument :

BNA_P

ClientSampled :

TP-22A-D

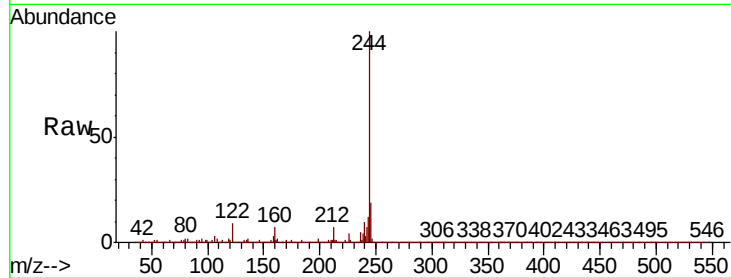
Tot Ion:244 Resp: 1815116

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

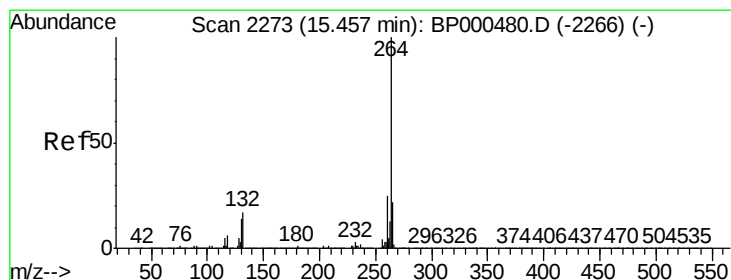
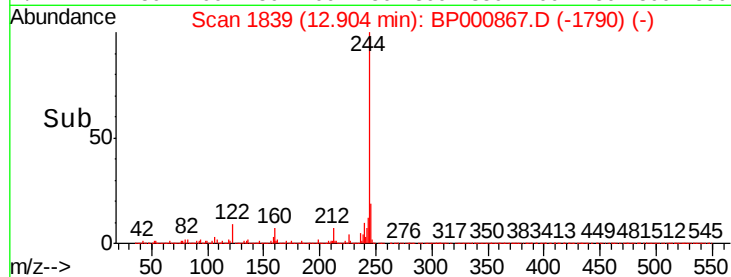
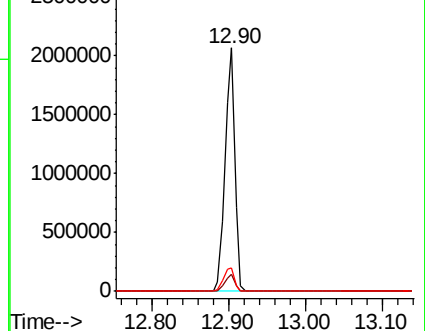
122 9.4 8.9 13.3



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP000867.D

Acq: 18 Oct 2019 04:41

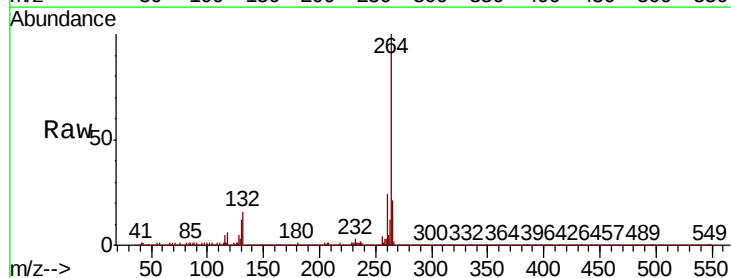
Tgt Ion:264 Resp: 575921

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 21.5 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

