

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000857.D
 Acq On : 18 Oct 2019 00:15
 Operator : JU
 Sample : K5393-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-13-V1-(0-24)

Quant Time: Oct 18 07:24:48 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

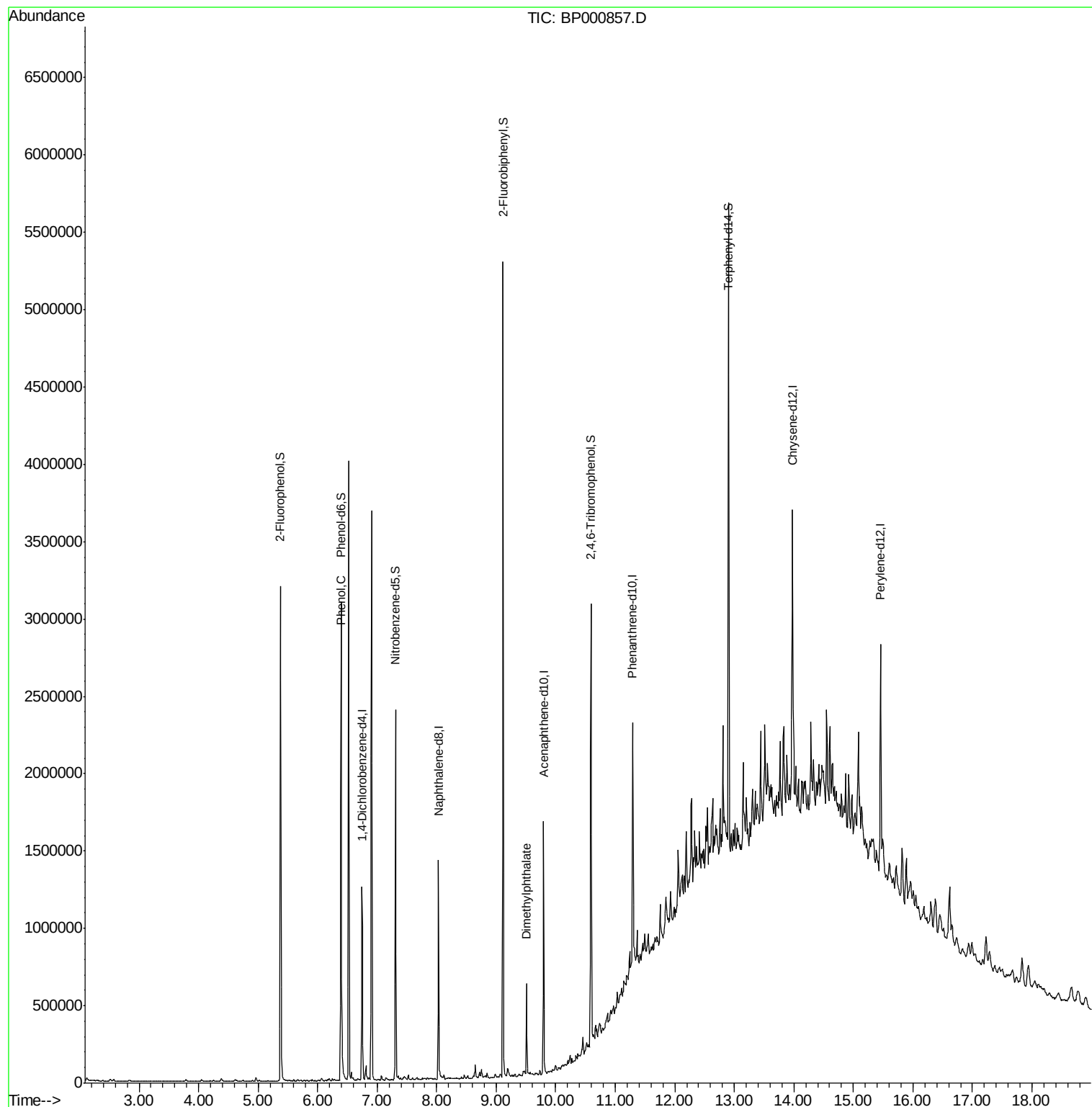
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	195471	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	682759	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	357811	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	588018	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	466901	20.00	ng	0.00
87) Perylene-d12	15.46	264	549875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1074681	88.38	ng	-0.02
7) Phenol-d6	6.39	99	1347448	91.95	ng	-0.02
23) Nitrobenzene-d5	7.31	82	738921	66.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	384620	100.87	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1645392	74.40	ng	-0.02
79) Terphenyl-d14	12.90	244	1636917	70.99	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	54278	3.618	ng	94
50) Dimethylphthalate	9.51	163	239702	9.641	ng	100

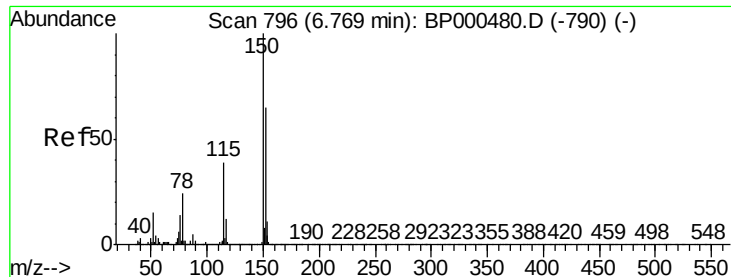
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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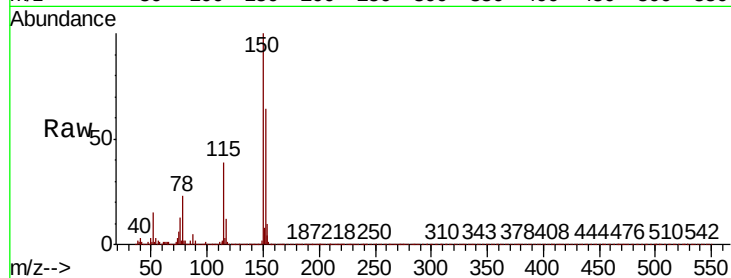


#1

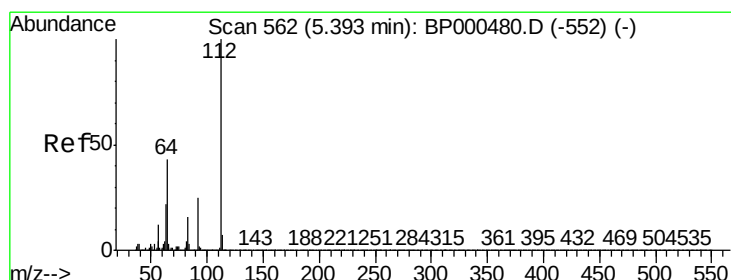
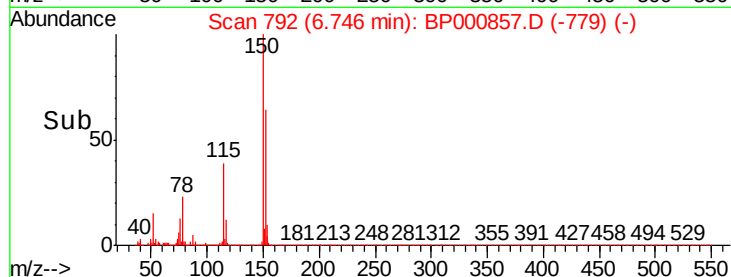
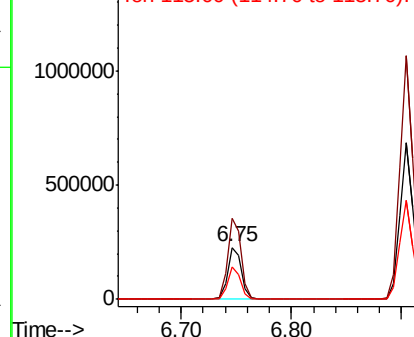
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Instrument :
BNA_P
ClientSampleId :
T-13-V1-(0-24)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	61.2	48.7	73.1



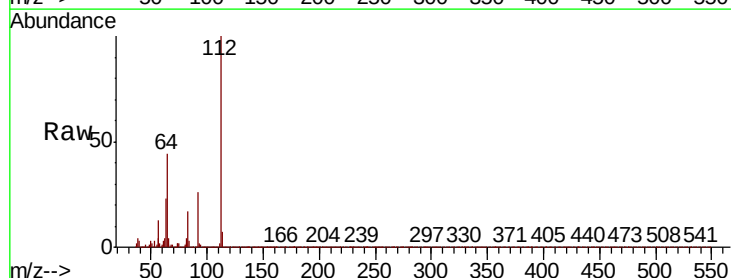
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



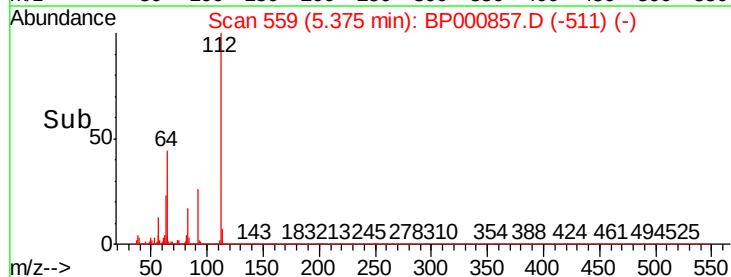
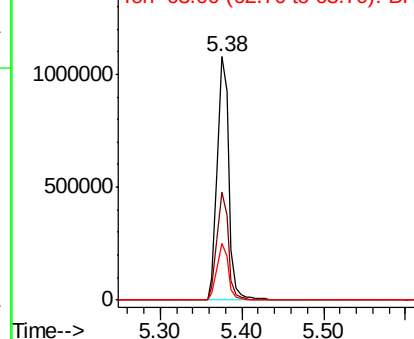
#5

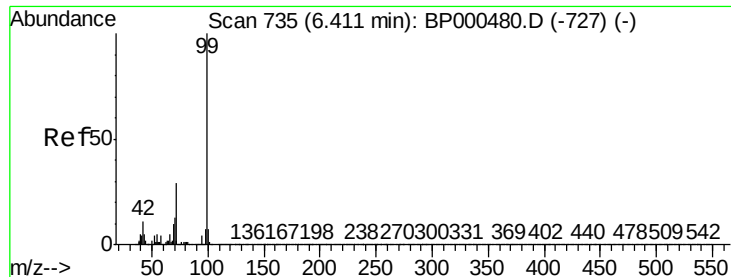
2-Fluorophenol
Concen: 88.376 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	34.2	51.4
63	23.2	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: 91.952 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

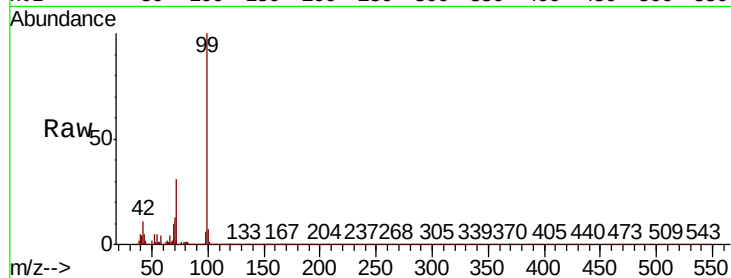
Tot Ion: 99 Resp: 1347448

Ion Ratio Lower Upper

99 100

42 11.3 8.6 12.8

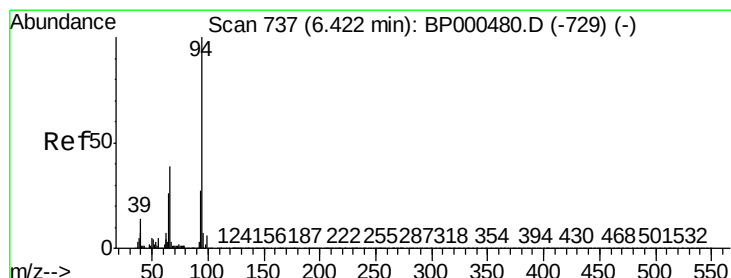
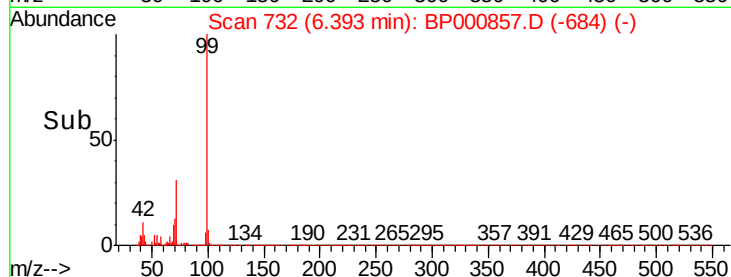
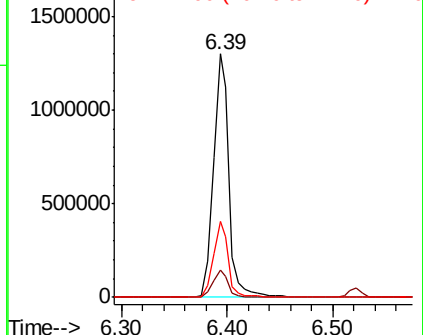
71 31.1 23.0 34.4



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: 3.618 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

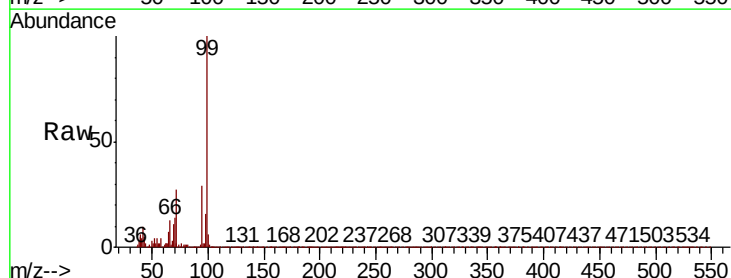
Tgt Ion: 94 Resp: 54278

Ion Ratio Lower Upper

94 100

65 25.5 5.9 45.9

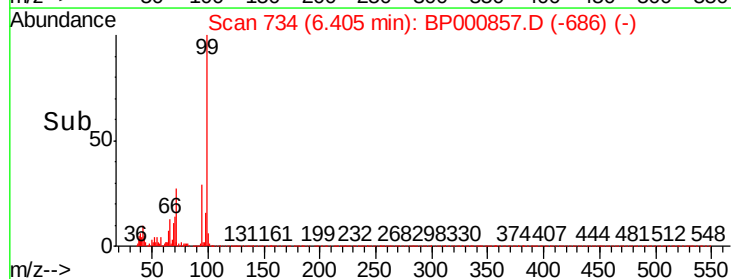
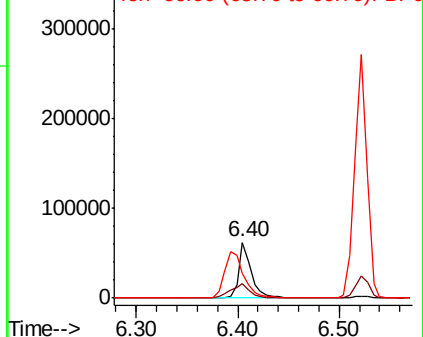
66 44.7 18.8 58.8

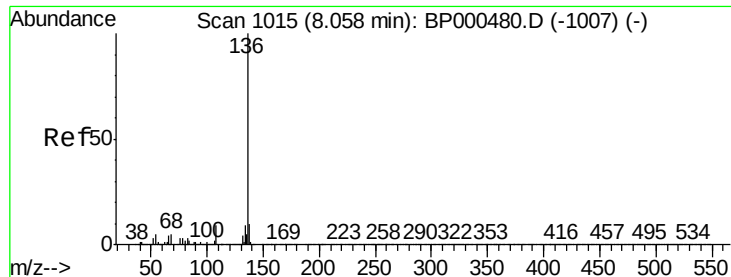


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

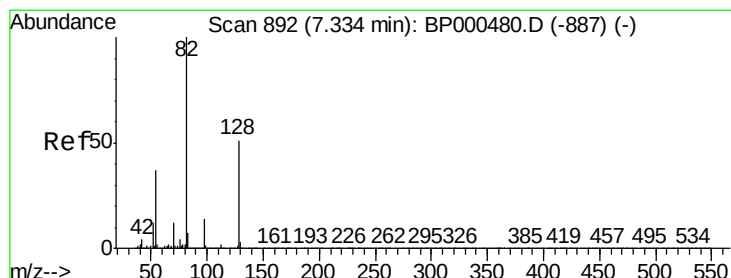
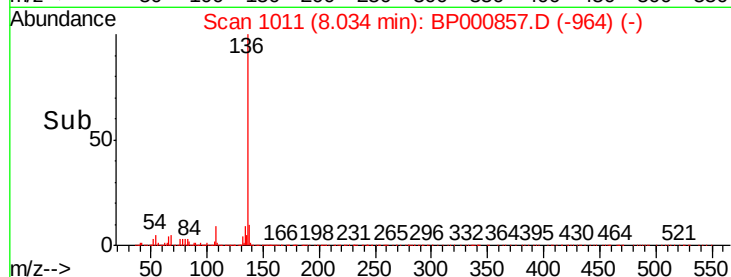
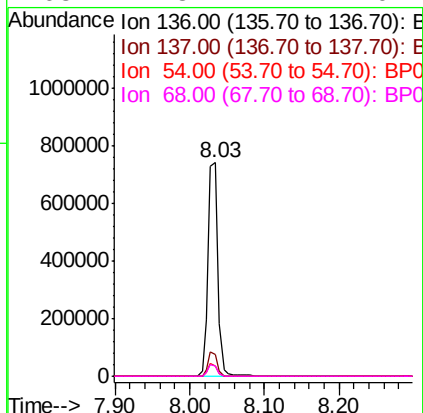
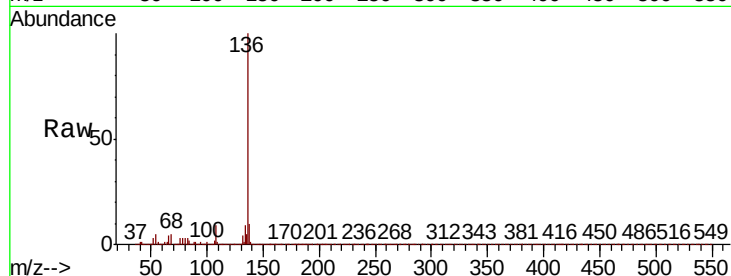




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

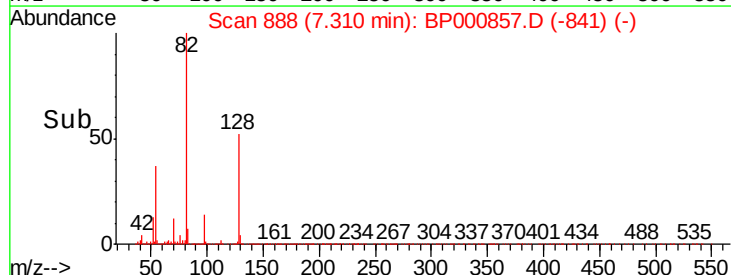
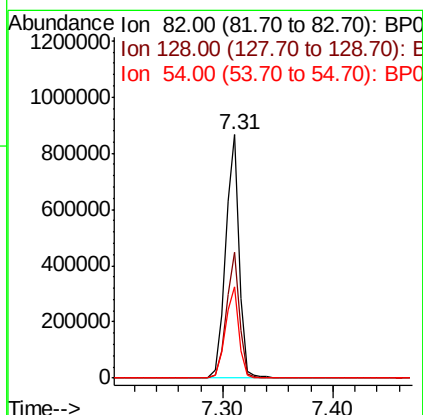
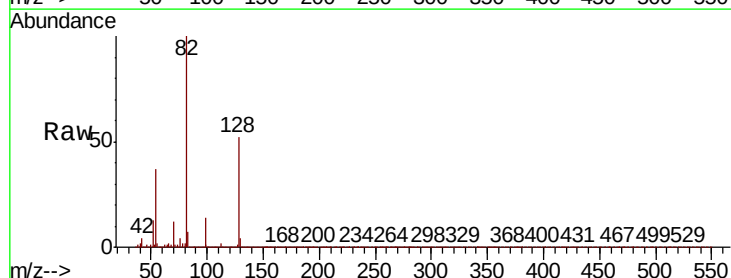
Instrument :
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T-13-V1-(0-24)

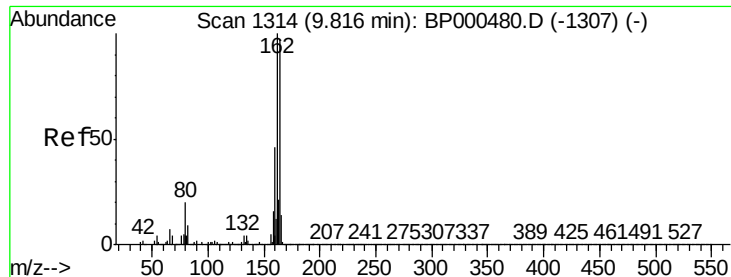
Tot Ion:136	Resp:	682759	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	8.2	12.4	
54 4.9	4.1	6.1	
68 4.8	4.1	6.1	



#23
Nitrobenzene-d5
Concen: 66.099 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion: 82	Resp: 738921
Ion Ratio	Lower Upper
82 100	
128 51.9	40.9 61.3
54 37.3	29.4 44.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

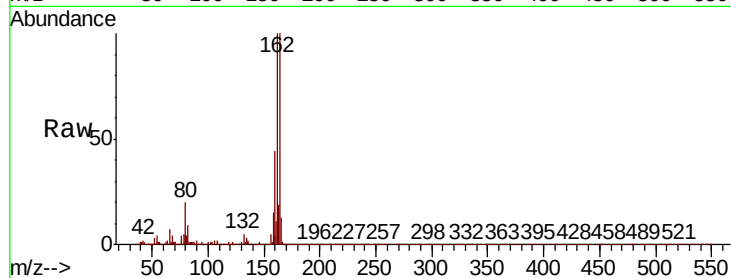
Tot Ion:164 Resp: 357811

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

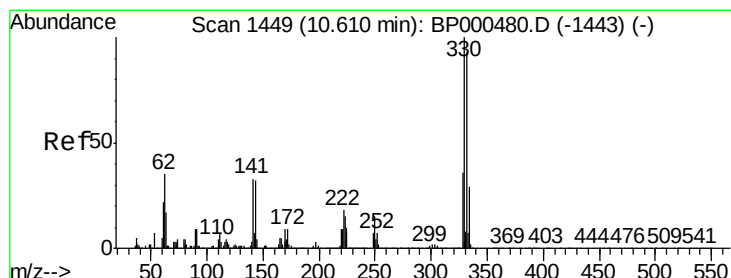
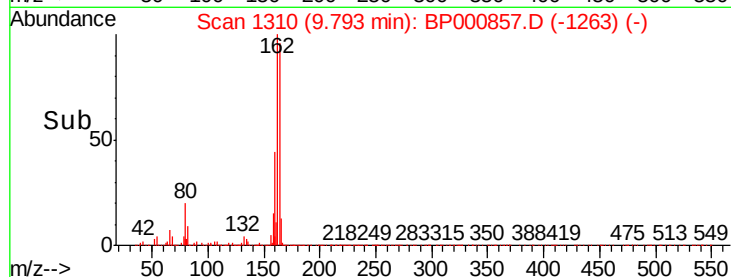
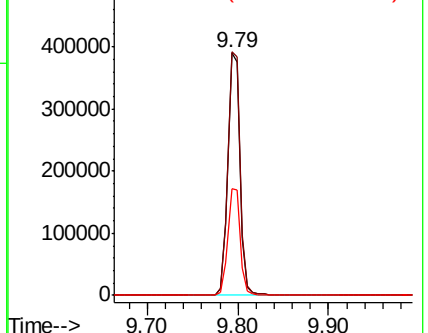
160 43.8 37.6 56.4



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: 100.873 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

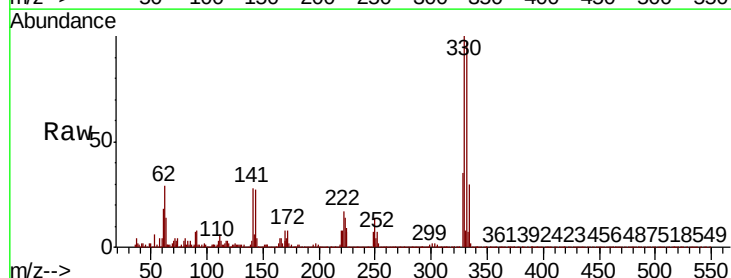
Tgt Ion:330 Resp: 384620

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

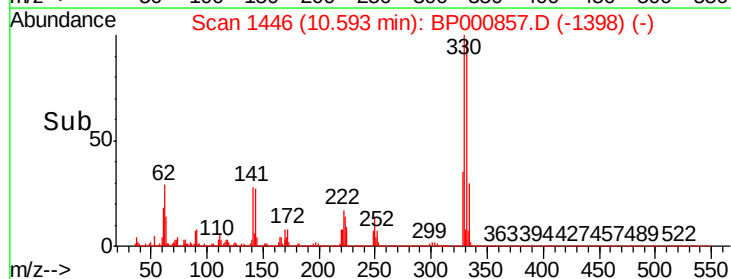
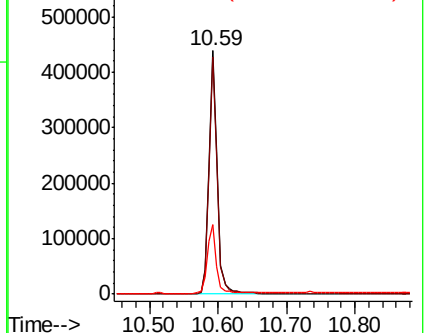
141 29.5 26.0 39.0

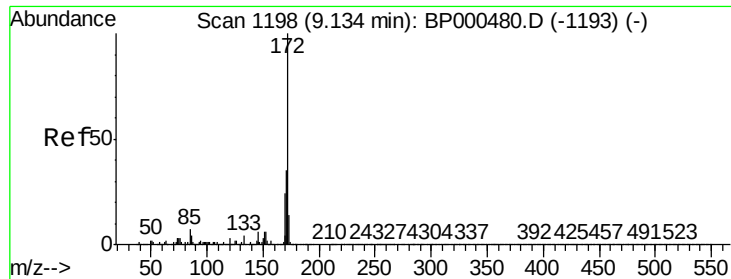


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

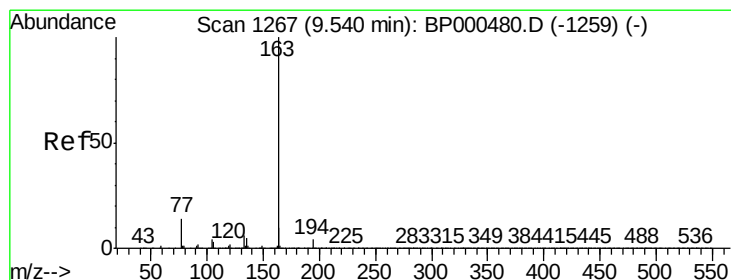
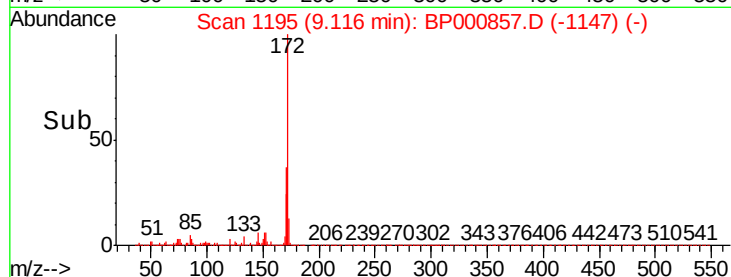
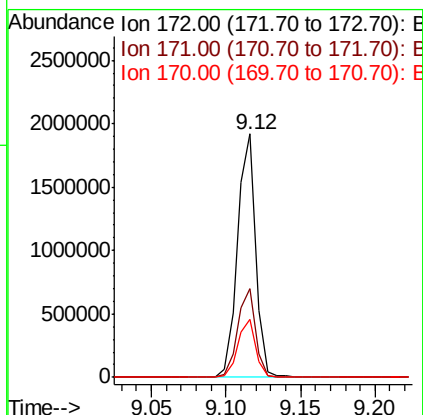
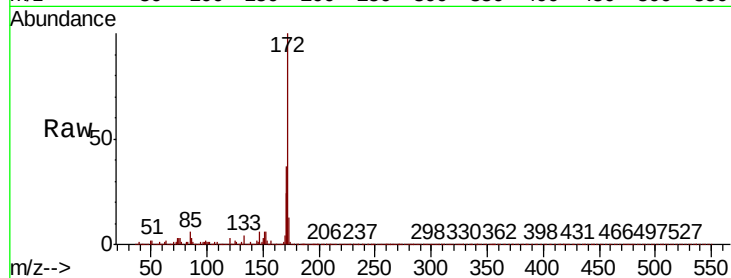




#45
2-Fluorobiphenyl
Concen: 74.403 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

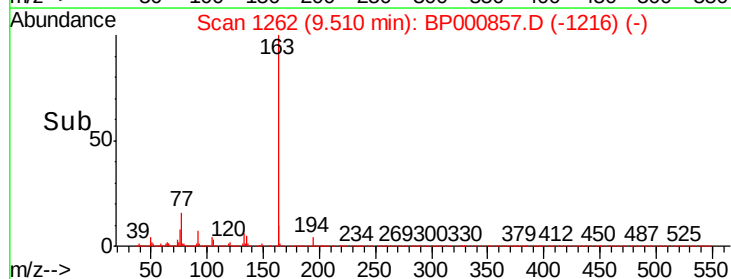
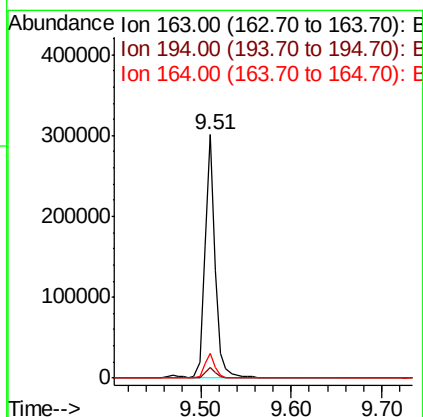
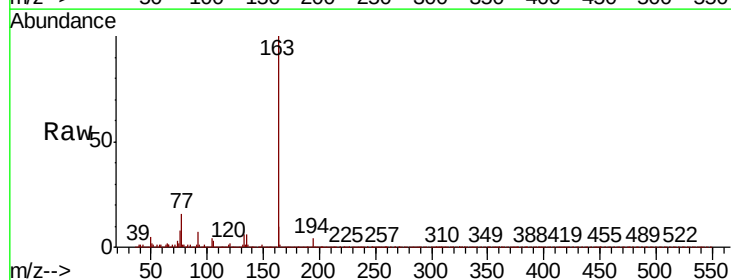
Instrument :
BNA_P
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T-13-V1-(0-24)

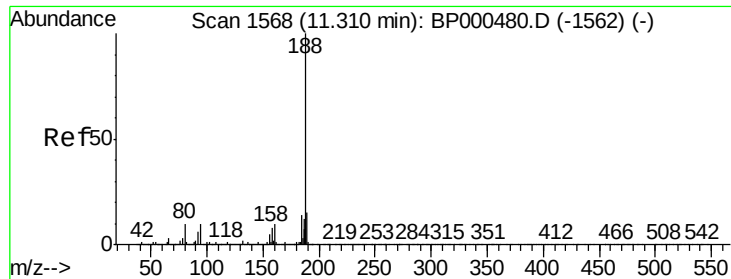
Tot Ion:172 Resp: 1645392
Ion Ratio Lower Upper
172 100
171 36.5 28.4 42.6
170 24.1 19.1 28.7



#50
Dimethylphthalate
Concen: 9.641 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion:163 Resp: 239702
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

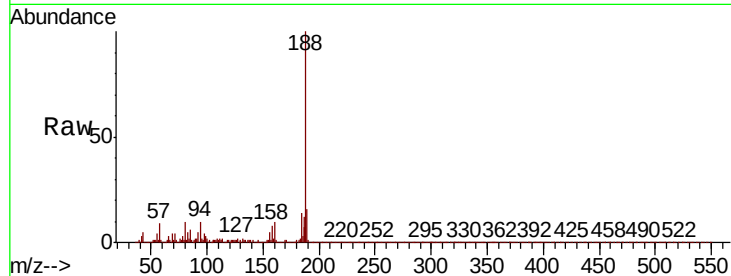
Tot Ion:188 Resp: 588018

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

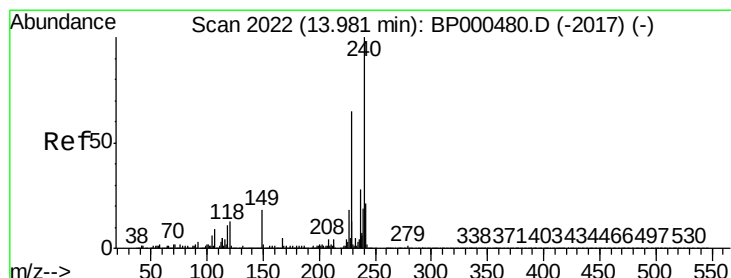
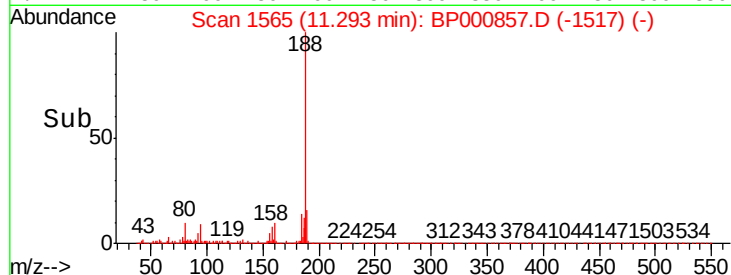
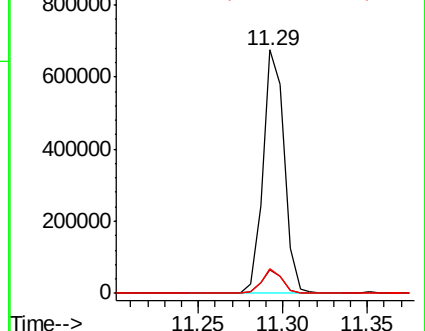
80 10.0 8.3 12.5



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: BP000857.D

Acq: 18 Oct 2019 00:15

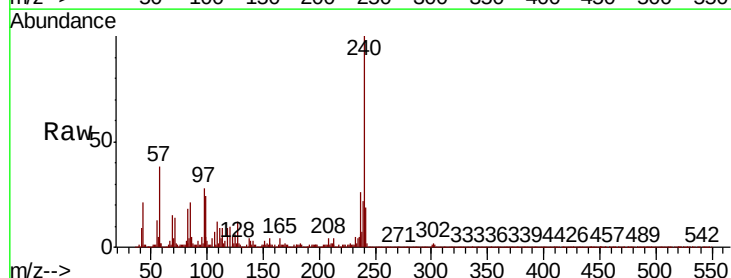
Tgt Ion:240 Resp: 466901

Ion Ratio Lower Upper

240 100

120 9.9 10.1 15.1#

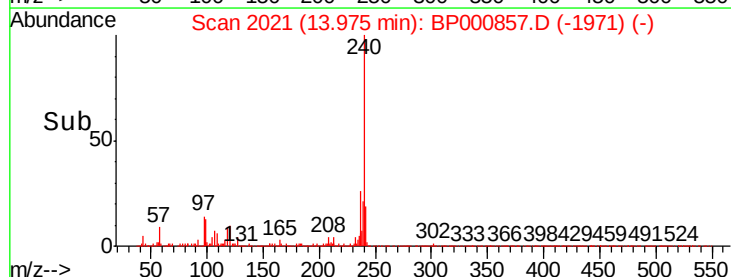
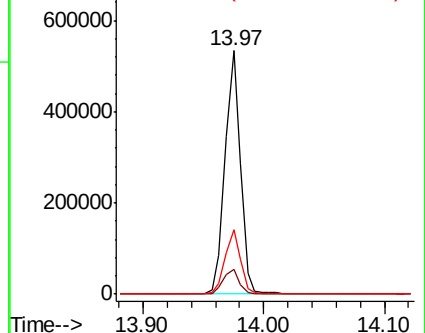
236 26.3 22.7 34.1

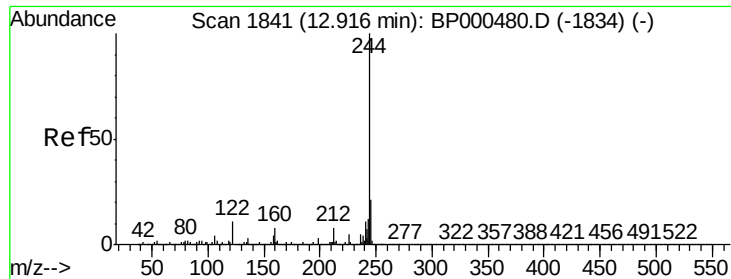


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



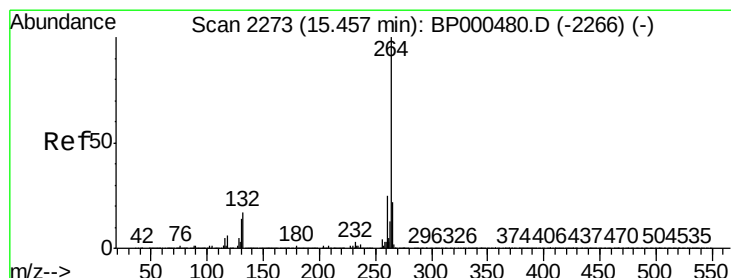
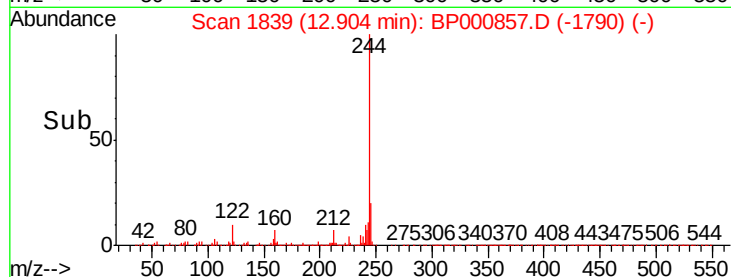
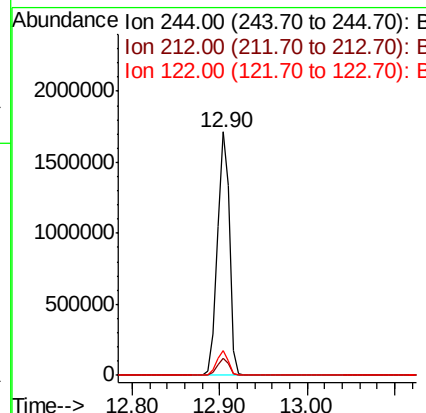
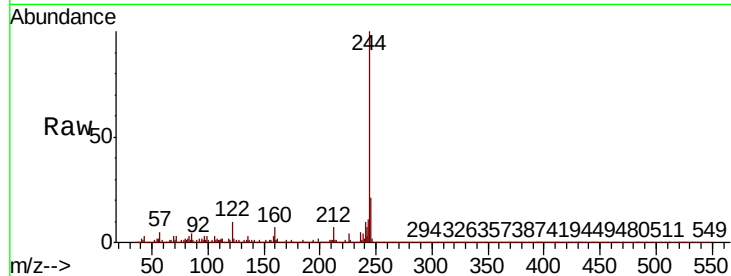


#79
 Terphenyl-d14
 Concen: 70.985 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000857.D
 Acq: 18 Oct 2019 00:15

Instrument :
 BNA_P
 ClientSampleId :
 T-13-V1-(0-24)

Tot Ion:244 Resp: 1636917

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.1	8.9	13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BP000857.D
 Acq: 18 Oct 2019 00:15

Tgt Ion:264 Resp: 549875

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	21.6	18.0	27.0

