

Data File : BP000059.D
Acq On : 04 Sep 2019 12:10
Operator : HP/JU
Sample : K4554-45
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 05 05:58:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

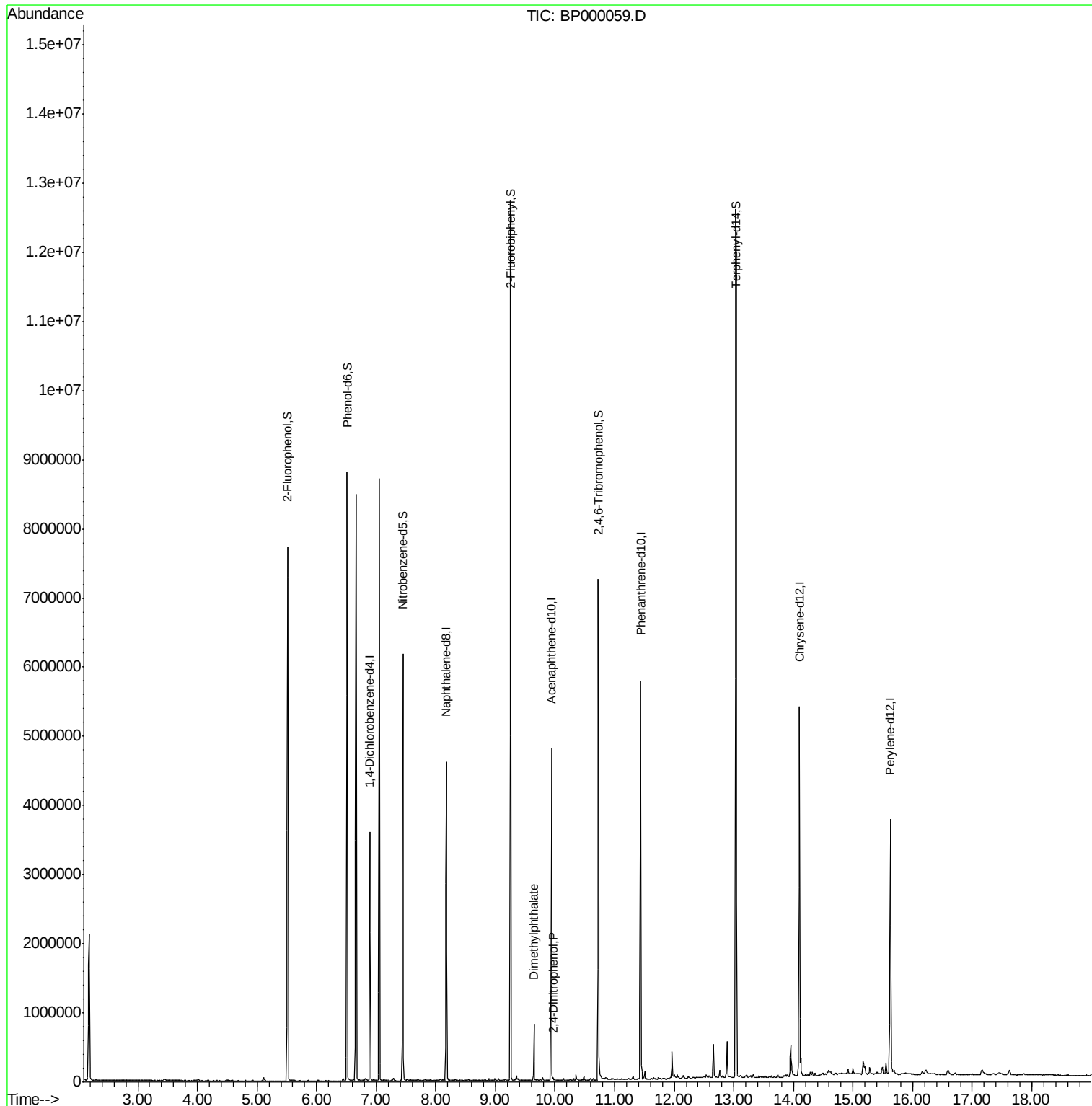
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	475000	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1784474	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	977874	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1820233	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1504613	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1620992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2416779	81.13	ng	0.00
7) Phenol-d6	6.51	99	3168905	84.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	1809564	62.22	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	771691	93.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3598307	61.45	ng	0.00
79) Terphenyl-d14	13.03	244	4203048	60.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	286864	4.305	ng	99
54) 2,4-Dinitrophenol	9.98	184	540	8.739	ng	# 1
69) Atrazine	11.12	200	1596	Below Cal		92

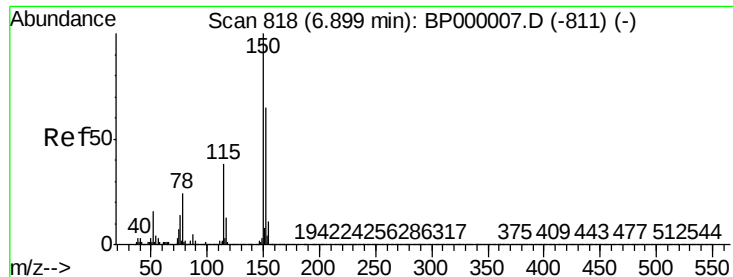
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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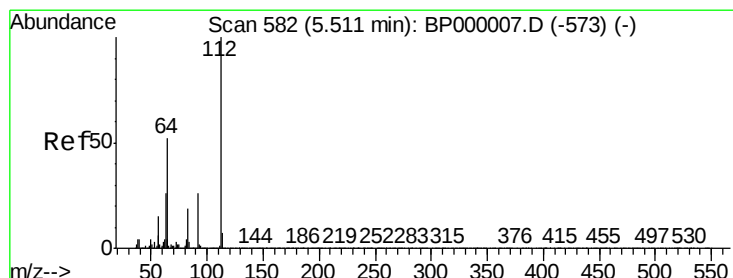
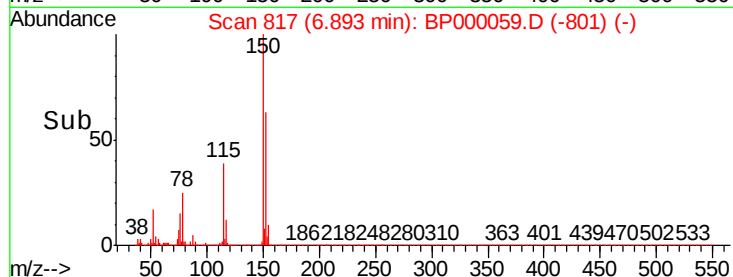
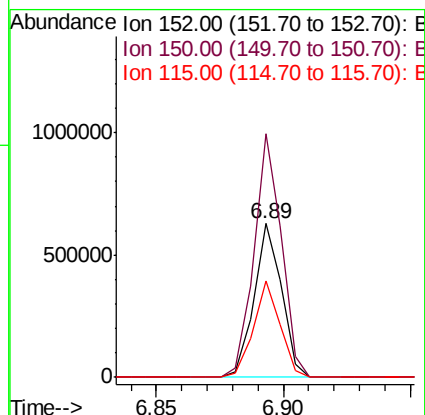
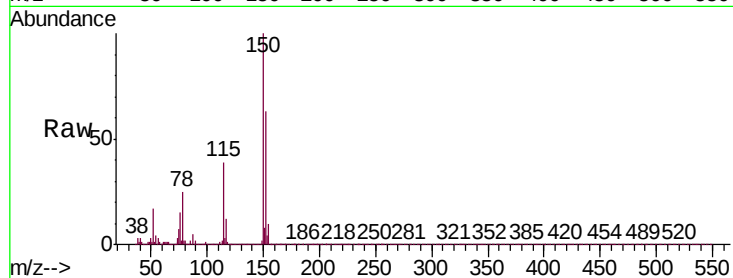


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Instrument :
BNA_P
ClientSampleId :

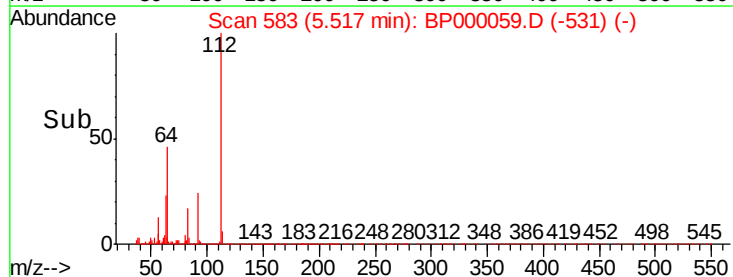
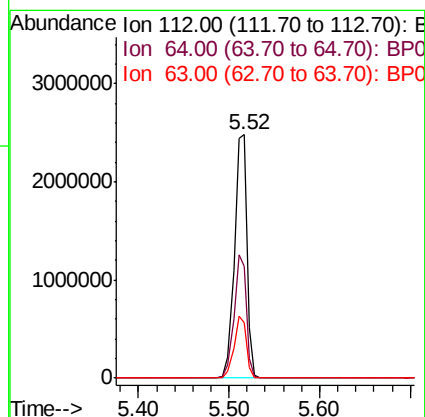
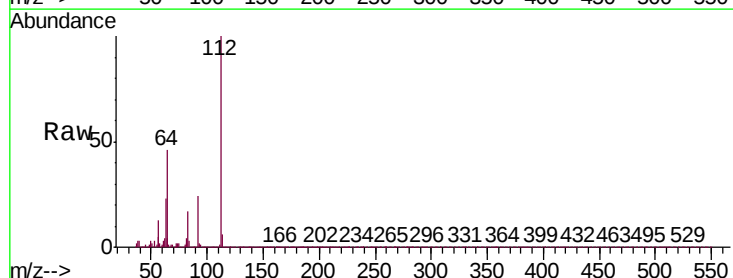
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.0	184.6
115	62.3	46.7	70.1

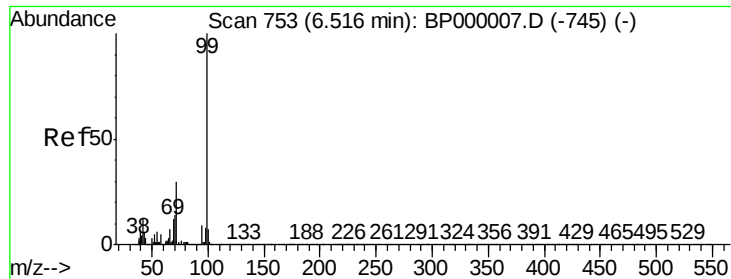


#5

2-Fluorophenol
Concen: 81.134 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	41.8	62.8
63	23.0	21.0	31.4





#7

Phenol-d6

Concen: 84.270 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

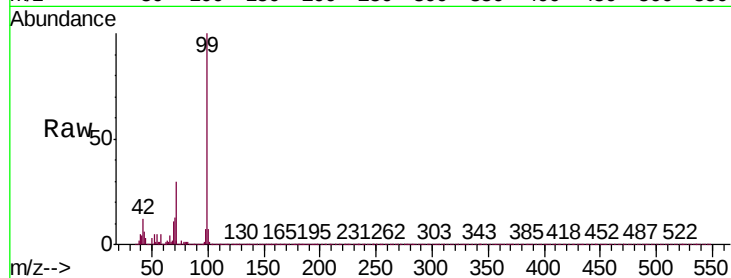
Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 99 Resp: 3168905

Ion	Ratio	Lower	Upper
99	100		
42	12.0	9.8	14.8
71	30.1	23.8	35.8

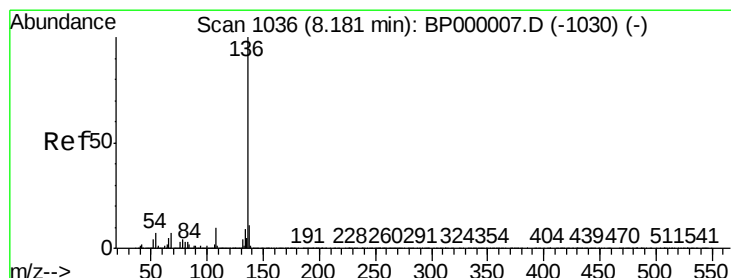
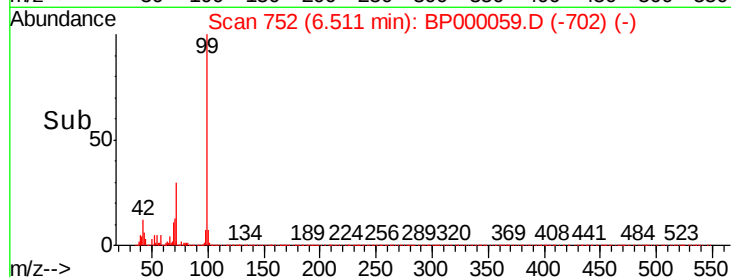
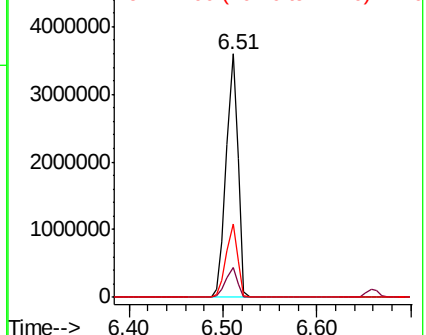


Abundance

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: 8.18 min Scan# 1035

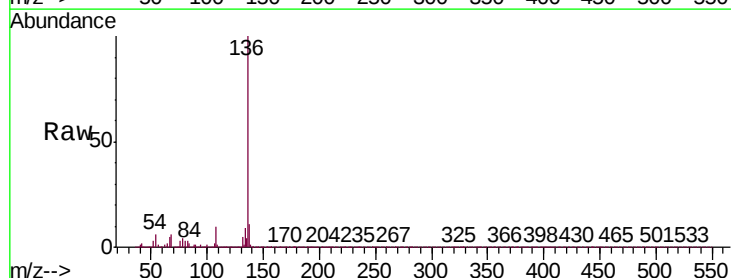
Delta R.T. -0.01 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

Tgt Ion: 136 Resp: 1784474

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.4	5.4	8.2
68	6.2	5.4	8.0



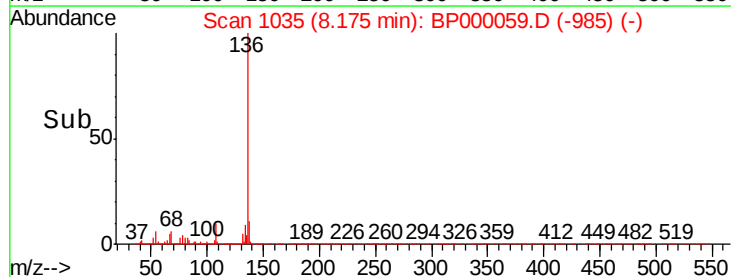
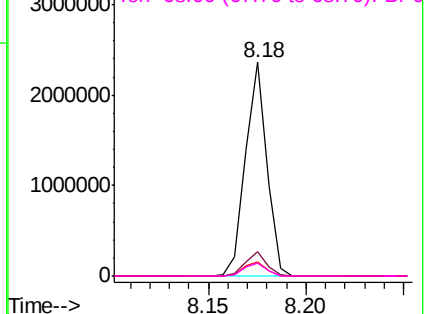
Abundance

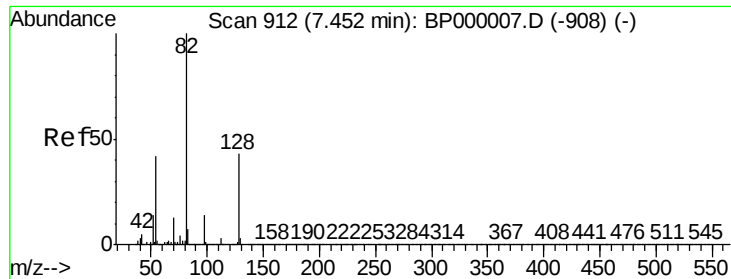
Ion 136.00 (135.70 to 136.70): E

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

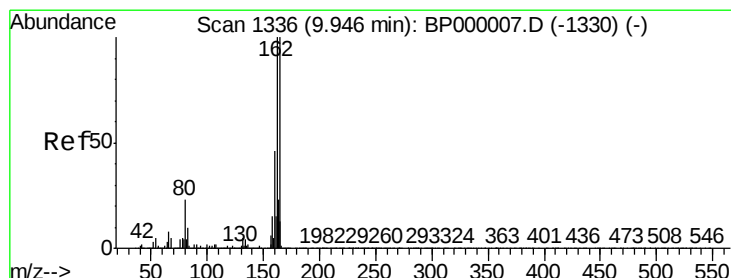
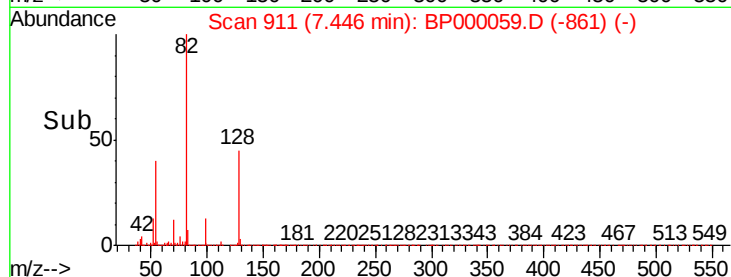
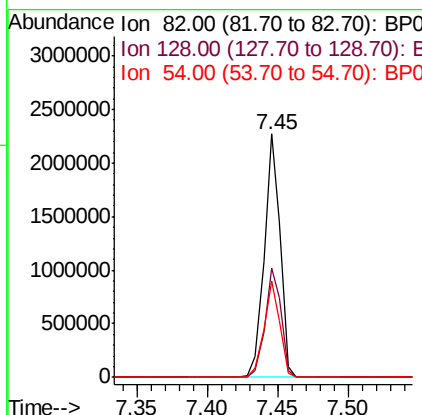
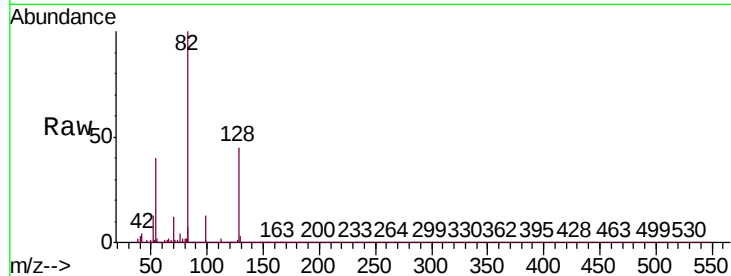




#23
Nitrobenzene-d5
Concen: 62.223 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

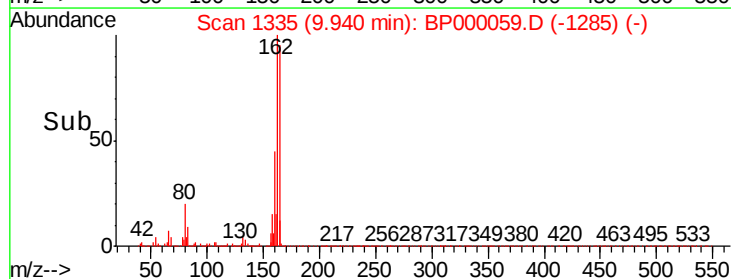
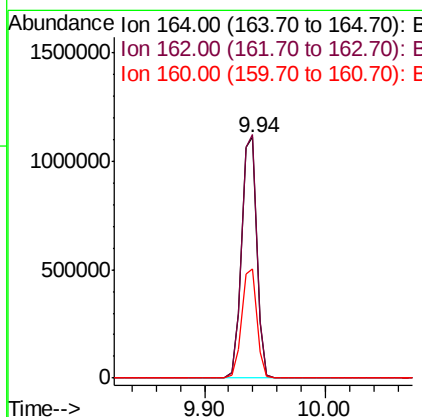
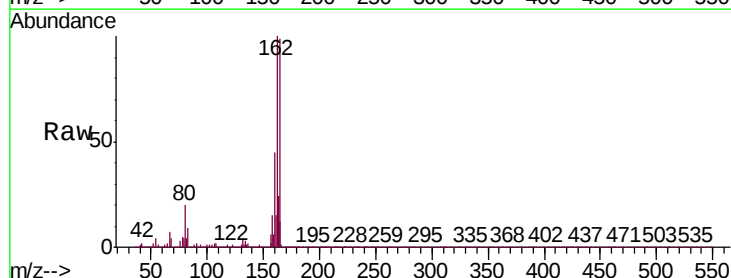
Instrument :
BNA_P
ClientSampleId :

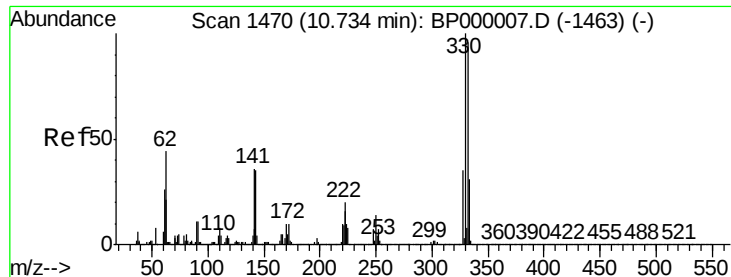
Tgt Ion: 82 Resp: 1809564
Ion Ratio Lower Upper
82 100
128 44.9 34.5 51.7
54 39.5 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion: 164 Resp: 977874
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.4
160 45.5 36.6 55.0

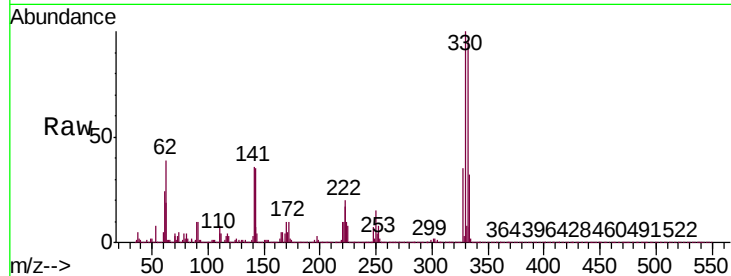




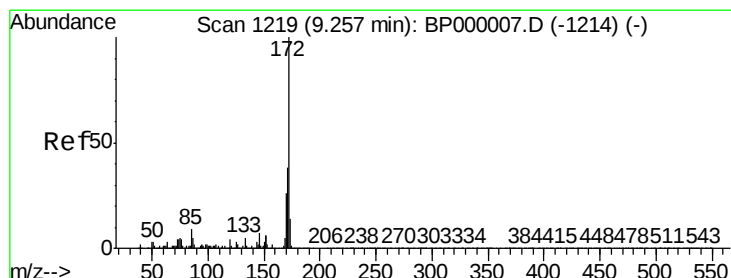
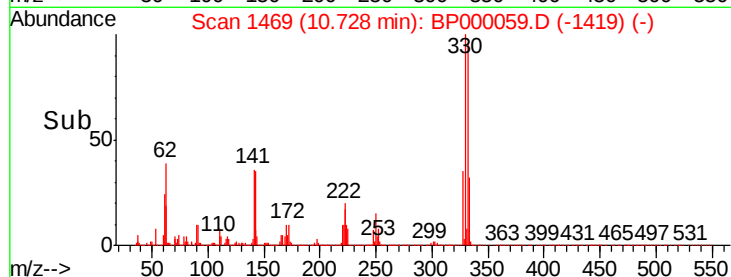
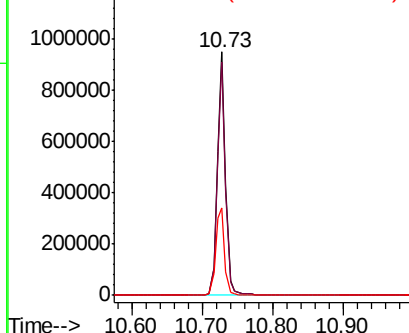
#42
 2,4,6-Tribromophenol
 Concen: 93.623 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BP000059.D
 Acq: 04 Sep 2019 12:10

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:330 Resp: 771691
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 39.8 33.6 50.4

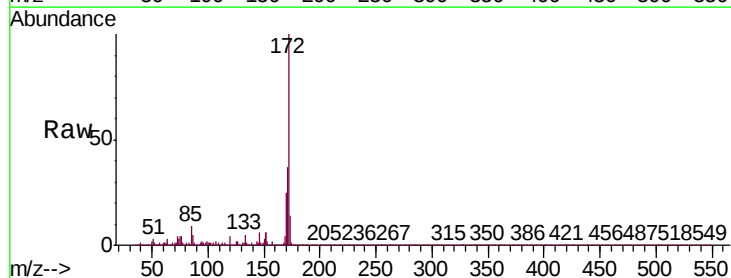


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

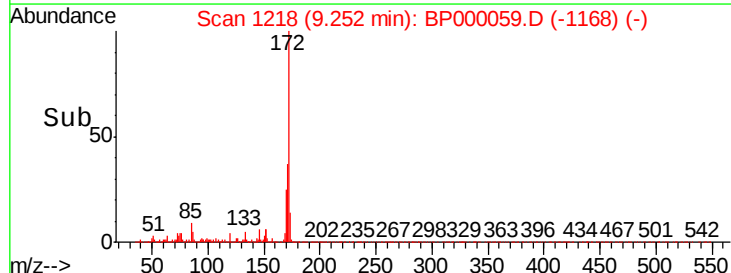
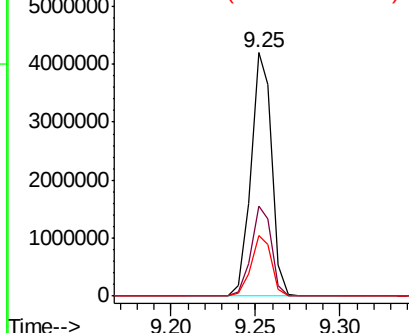


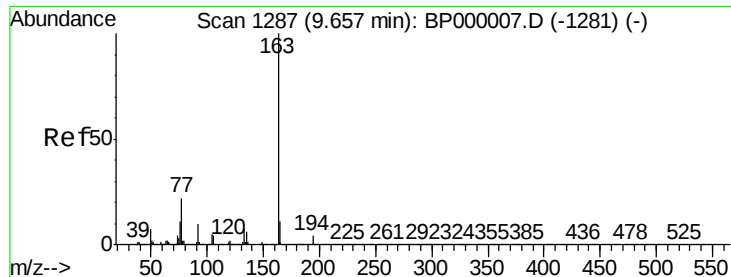
#45
 2-Fluorobiphenyl
 Concen: 61.451 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP000059.D
 Acq: 04 Sep 2019 12:10

Tgt Ion:172 Resp: 3598307
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.7 46.1
 170 24.9 20.7 31.1



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

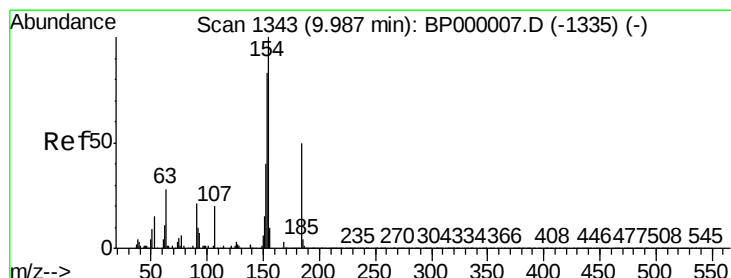
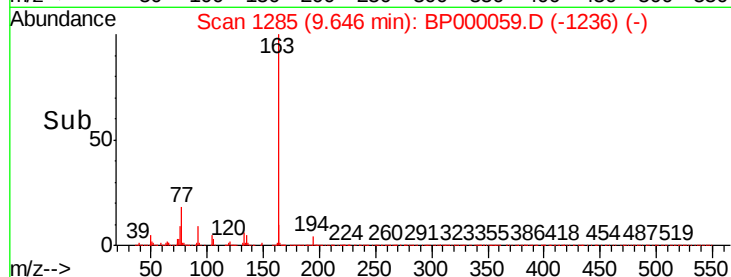
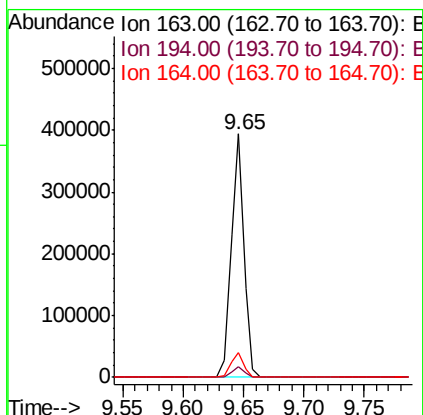
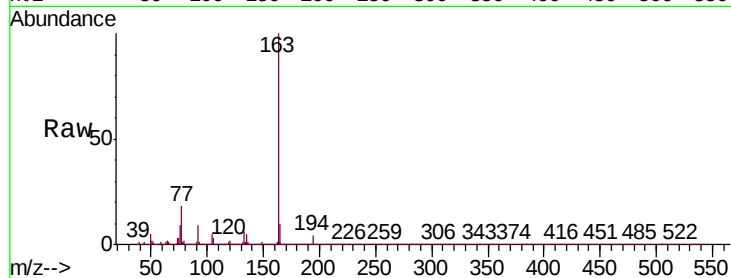




#50
Dimethylphthalate
Concen: 4.305 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

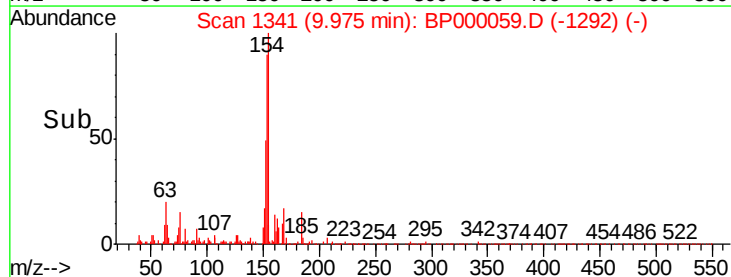
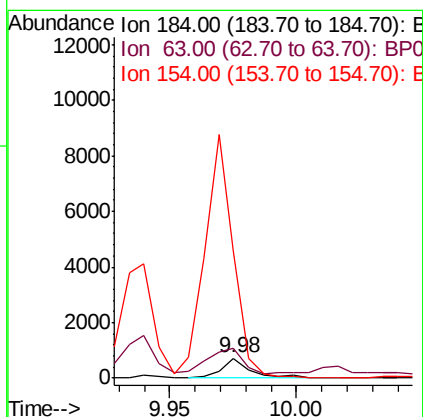
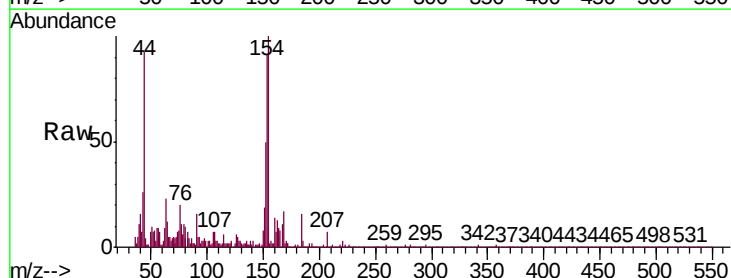
Instrument :
BNA_P
ClientSampleId :

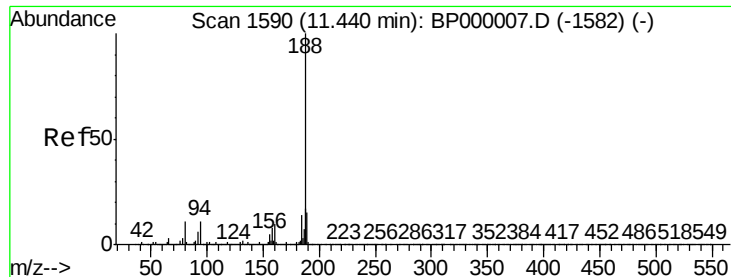
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.4	12.6



#54
2,4-Dinitrophenol
Concen: 8.739 ng
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	146.7	46.0	69.0#
154	640.2	161.9	242.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

Instrument :

BNA_P

ClientSampleId :

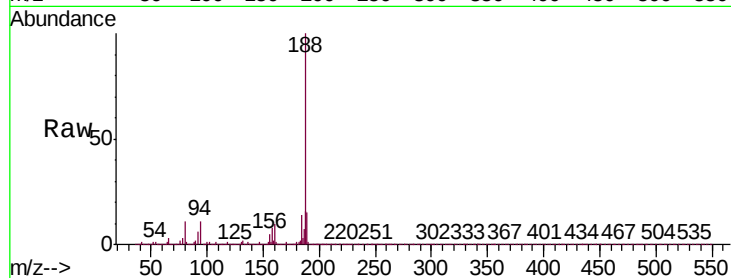
Tgt Ion:188 Resp: 1820233

Ion Ratio Lower Upper

188 100

94 10.5 8.8 13.2

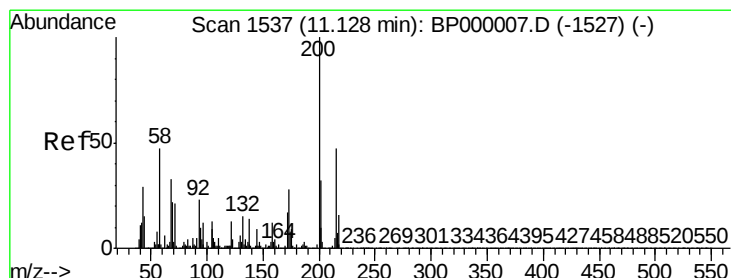
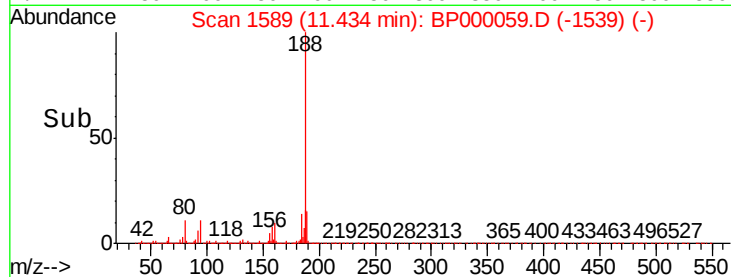
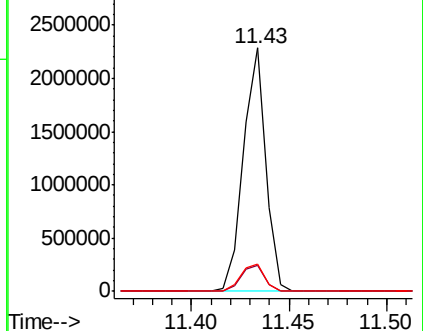
80 11.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#69

Atrazine

Concen: Below Cal

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BP000059.D

Acq: 04 Sep 2019 12:10

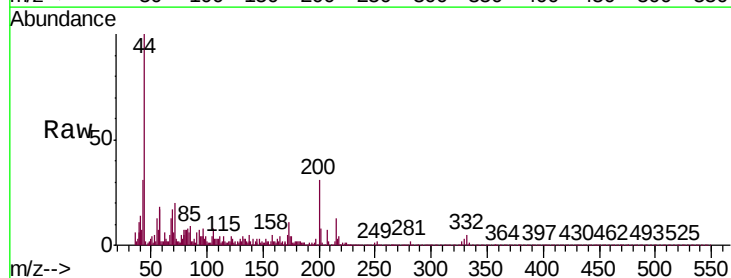
Tgt Ion:200 Resp: 1596

Ion Ratio Lower Upper

200 100

173 35.3 8.1 48.1

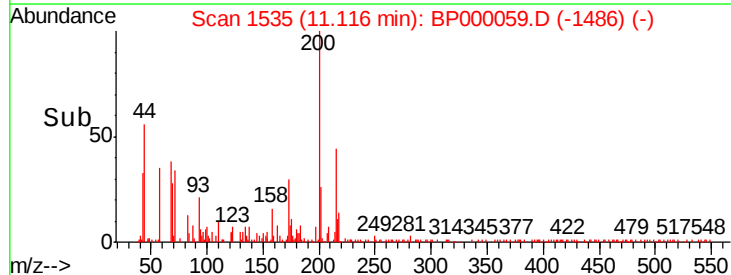
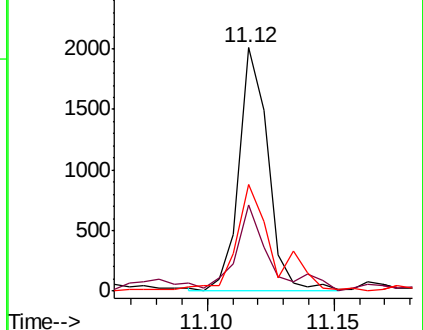
215 43.8 26.7 66.7

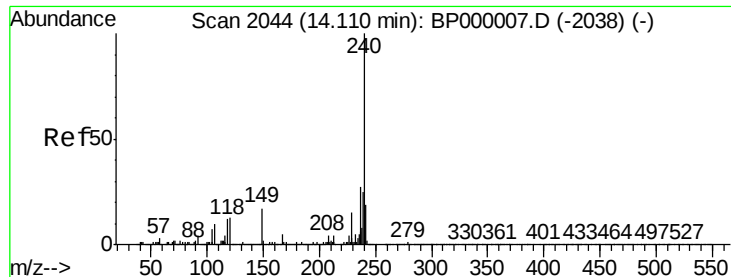


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

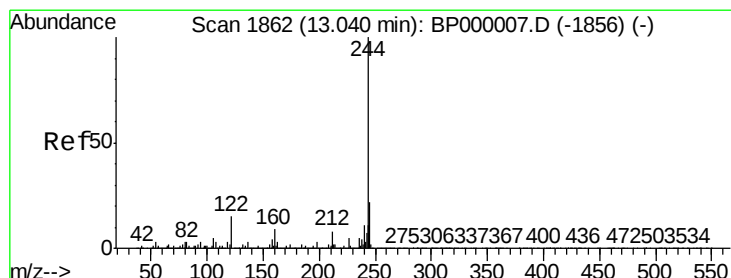
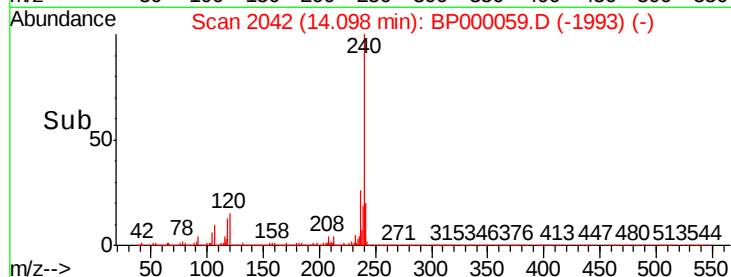
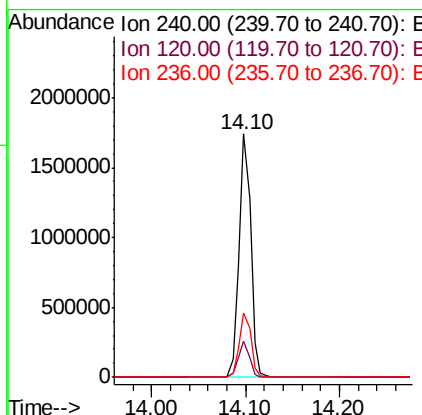
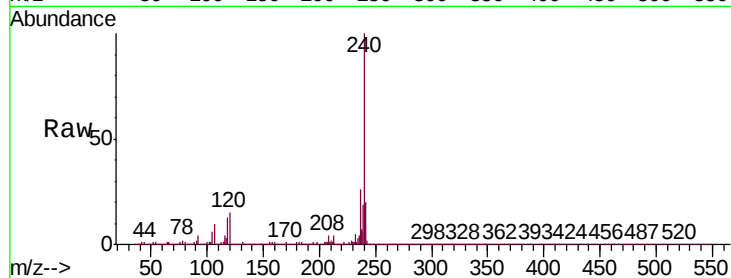




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

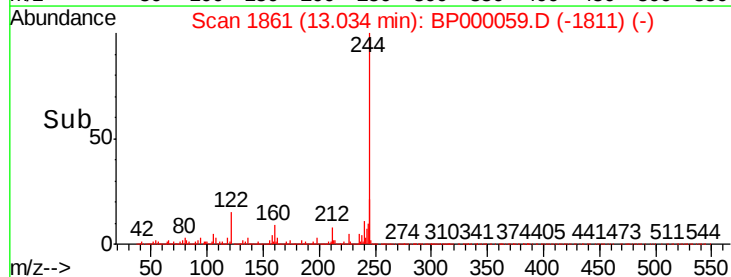
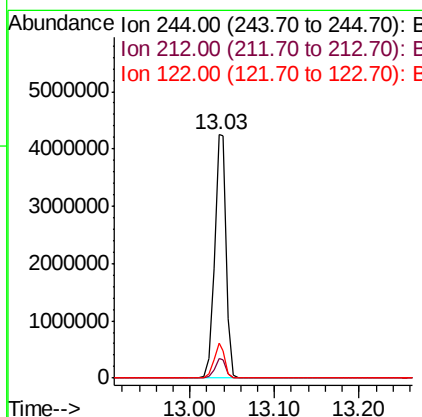
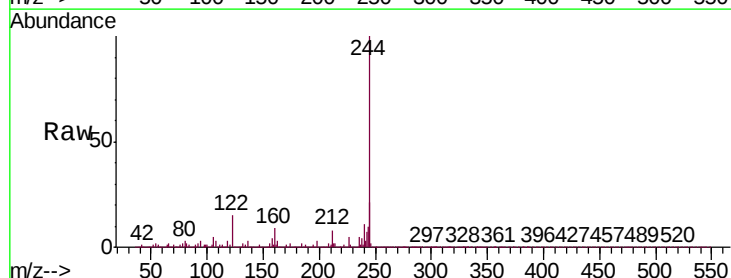
Instrument :
BNA_P
ClientSampleId :

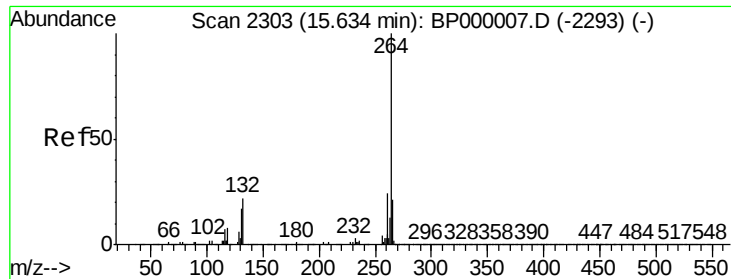
Tgt Ion:240 Resp: 1504613
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 60.886 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Tgt Ion:244 Resp: 4203048
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 14.6 12.3 18.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000059.D
Acq: 04 Sep 2019 12:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 264 Resp: 1620992

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.1	17.1	25.7

