

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000424.D
 Acq On : 26 Sep 2019 15:57
 Operator : JU
 Sample : K5019-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 QNWP8-MW30S-GW

Quant Time: Sep 27 01:53:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

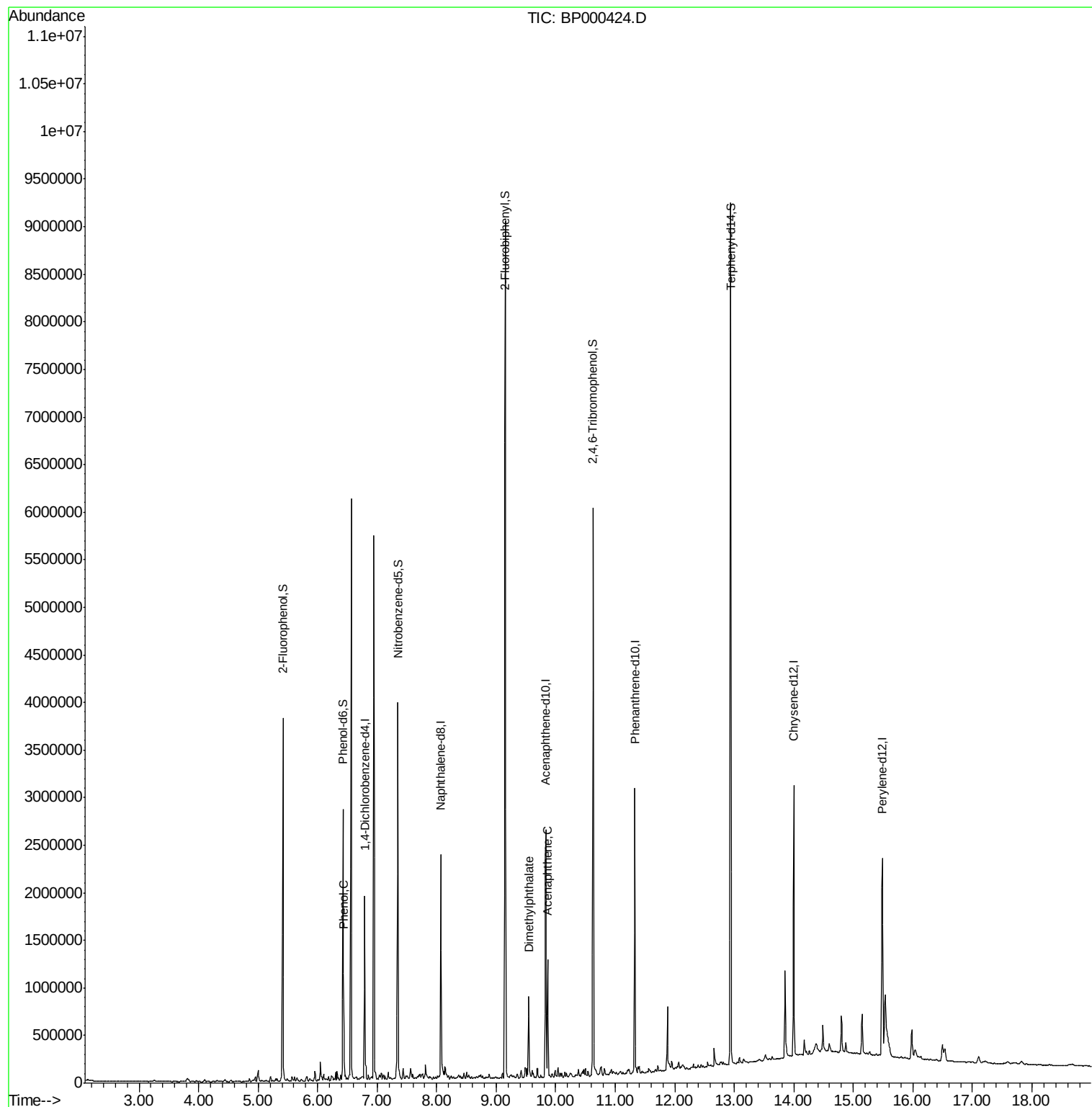
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	263908	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	964954	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	534511	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	989686	20.00	ng	0.00
76) Chrysene-d12	14.00	240	879381	20.00	ng	0.00
87) Perylene-d12	15.49	264	962669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1265922	82.81	ng	0.01
7) Phenol-d6	6.43	99	1117029	59.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	1288044	86.12	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	714334	134.74	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2629859	88.55	ng	0.00
79) Terphenyl-d14	12.94	244	3377025	80.56	ng	0.00
Target Compounds						
10) Phenol	6.44	94	101013	4.745	ng	99
50) Dimethylphthalate	9.55	163	325491	8.938	ng	98
52) Acenaphthene	9.86	154	234813	7.980	ng	99

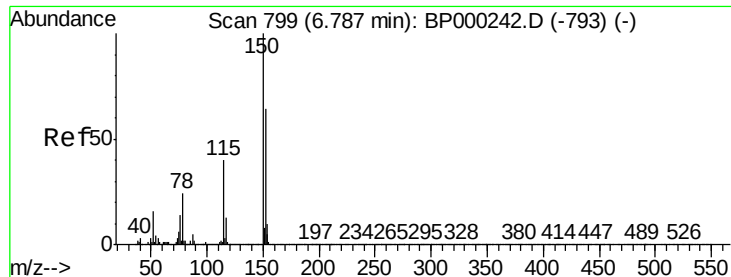
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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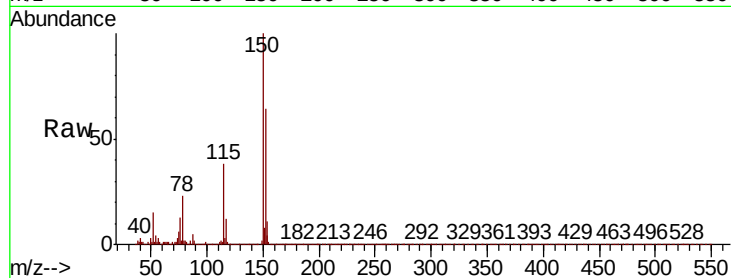


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30S-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.2	187.8
115	58.8	49.7	74.5

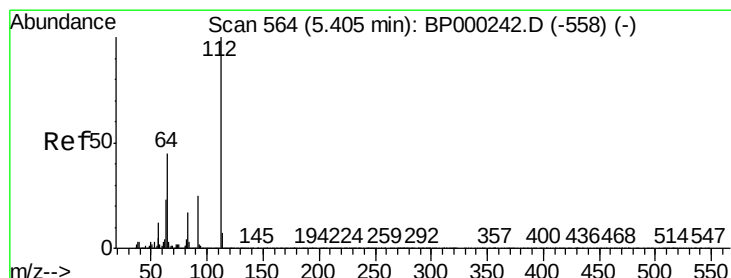
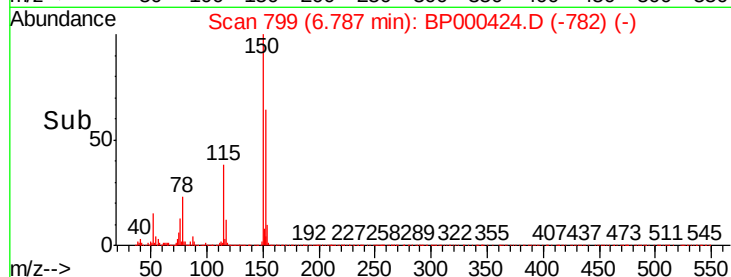
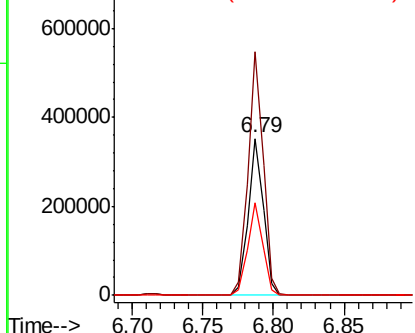


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

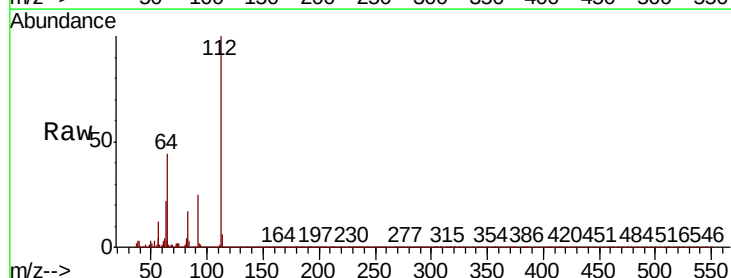
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.810 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.6	36.2	54.4
63	22.2	18.3	27.5

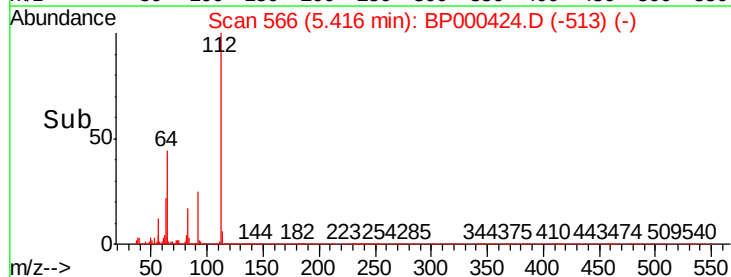
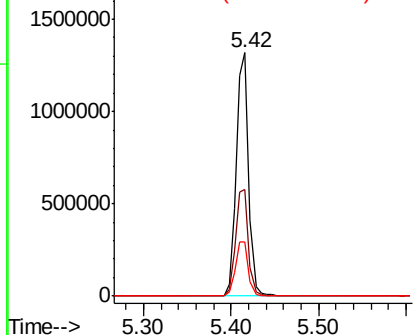


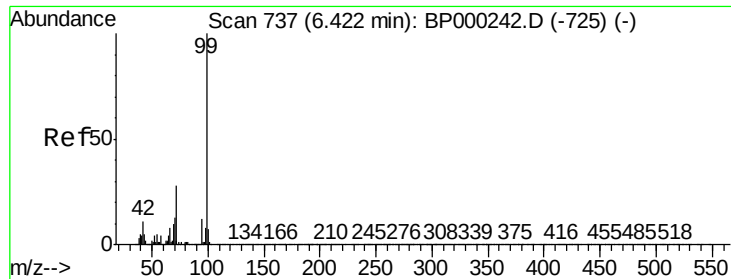
Abundance

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: 59.611 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

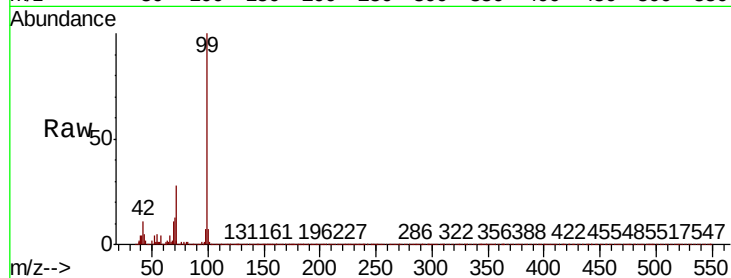
BNA_P

ClientSampleId :

QNWP8-MW30S-GW

Tot Ion: 99 Resp: 1117029

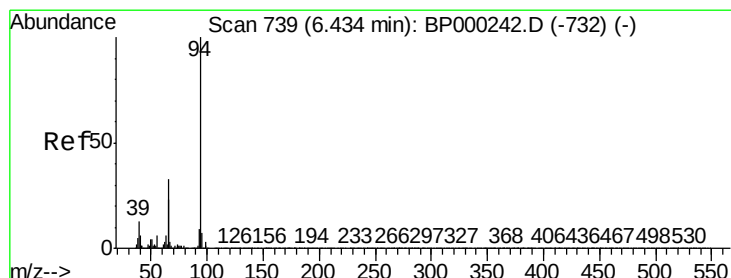
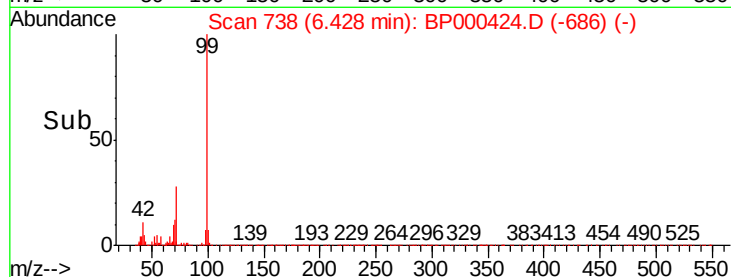
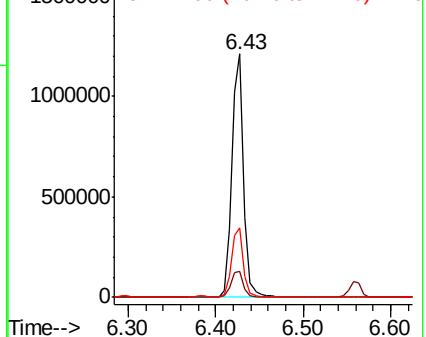
Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.5	12.7
71	28.4	22.6	34.0



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: 4.745 ng

RT: 6.44 min Scan# 740

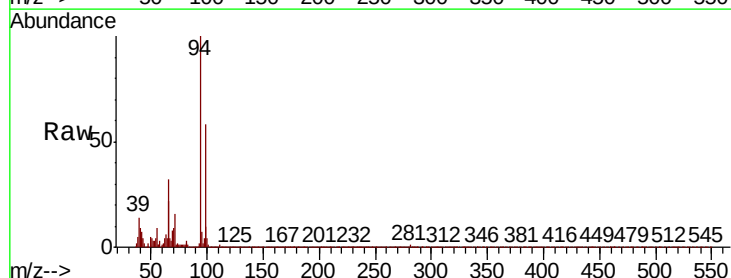
Delta R.T. 0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Tgt Ion: 94 Resp: 101013

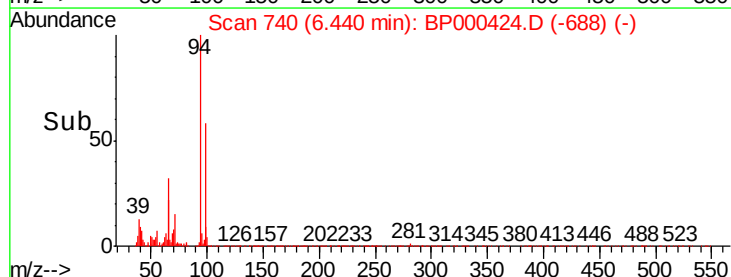
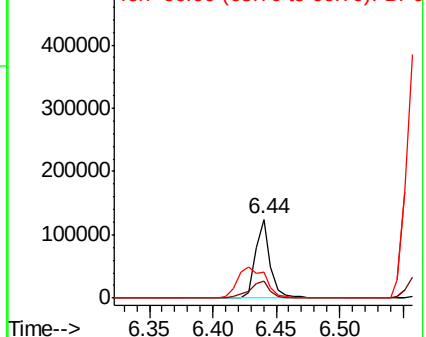
Ion	Ratio	Lower	Upper
94	100		
65	22.5	3.3	43.3
66	32.4	12.7	52.7

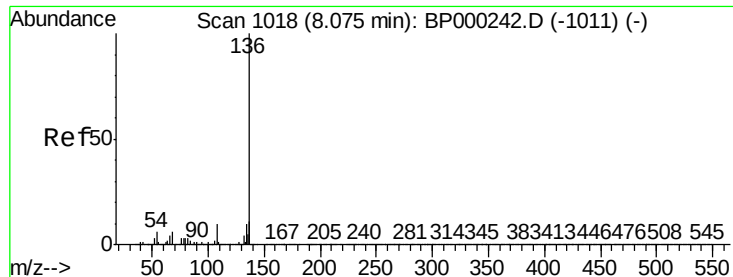


Abundance Ion 94.00 (93.70 to 94.70): BP0

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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampleId :

QNWP8-MW30S-GW

Tot Ion:136 Resp: 964954

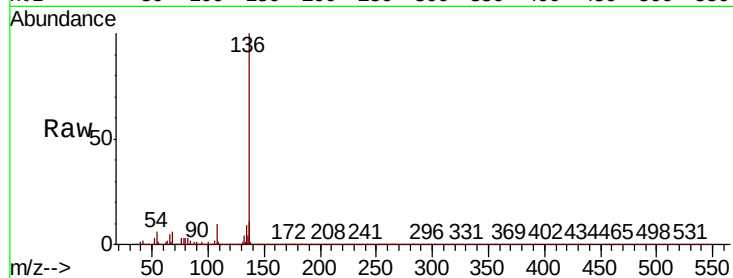
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 5.8 4.5 6.7

68 5.8 4.5 6.7

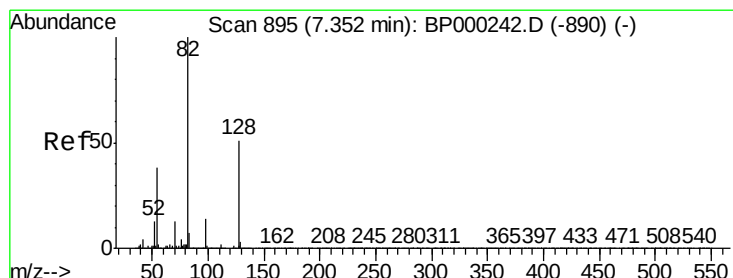
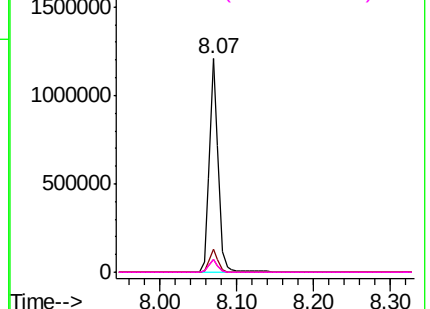
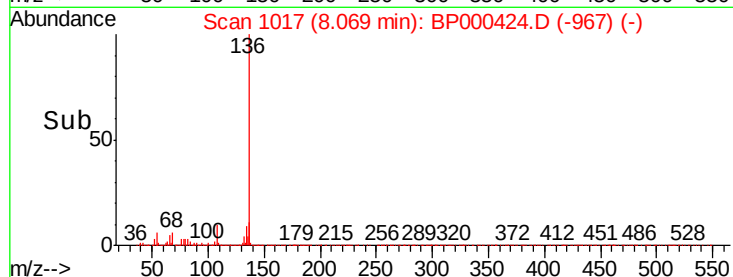


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.122 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

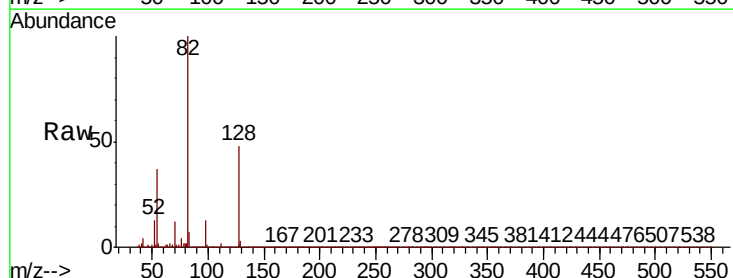
Tgt Ion: 82 Resp: 1288044

Ion Ratio Lower Upper

82 100

128 47.6 40.7 61.1

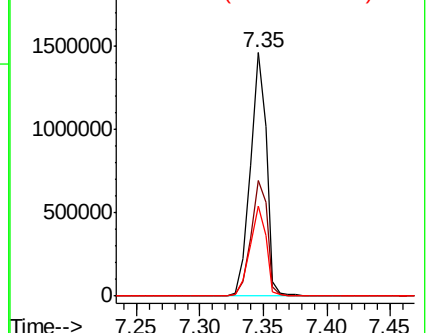
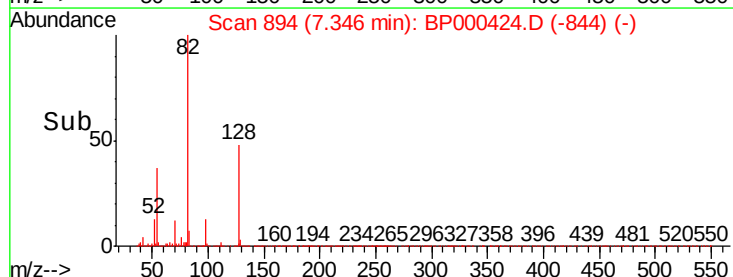
54 37.1 30.1 45.1

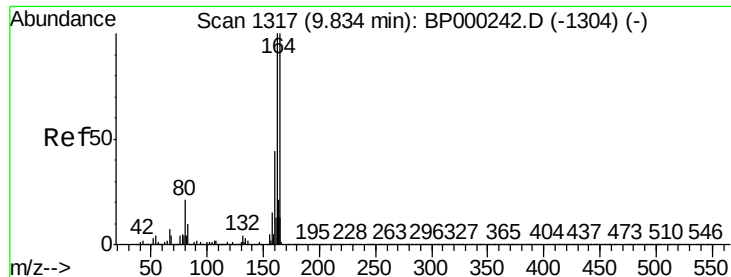


Abundance Ion 82.00 (81.70 to 82.70): BP0

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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampleId :

QNWP8-MW30S-GW

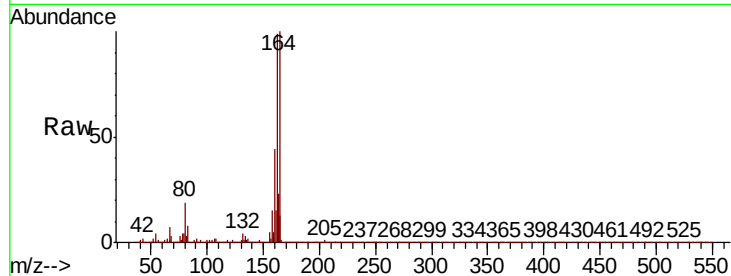
Tot Ion:164 Resp: 534511

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

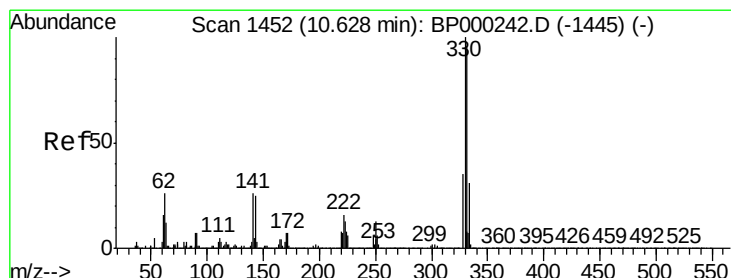
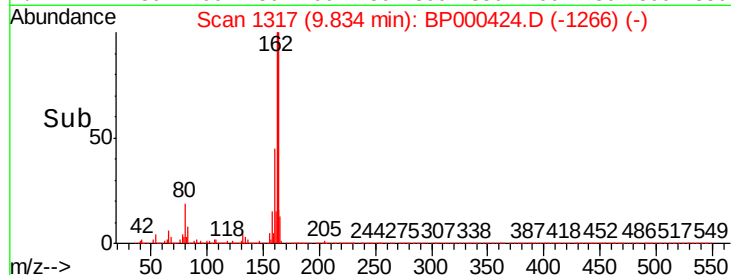
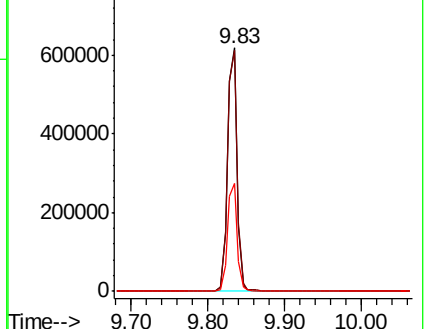
160 44.4 35.6 53.4



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: 134.739 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

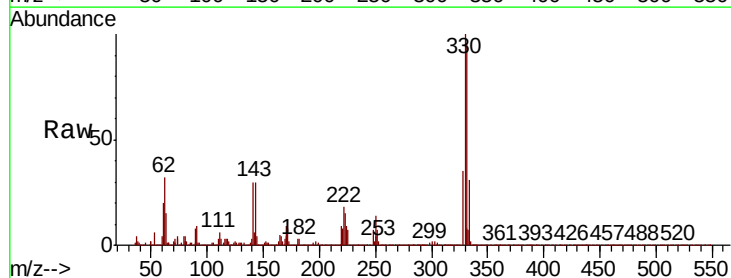
Tgt Ion:330 Resp: 714334

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

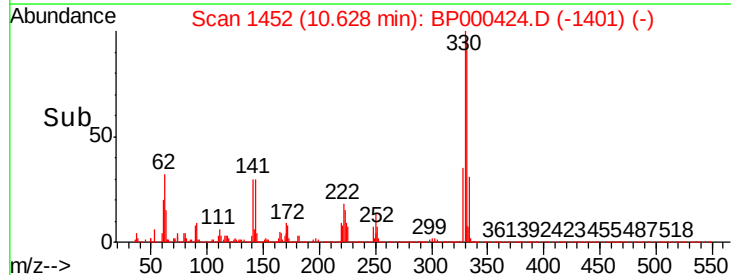
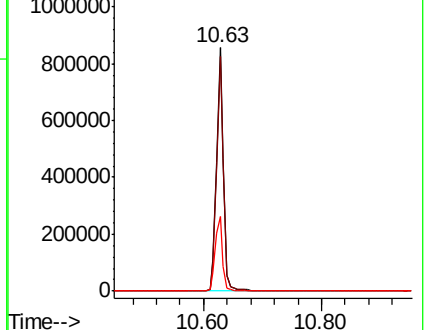
141 32.4 26.5 39.7

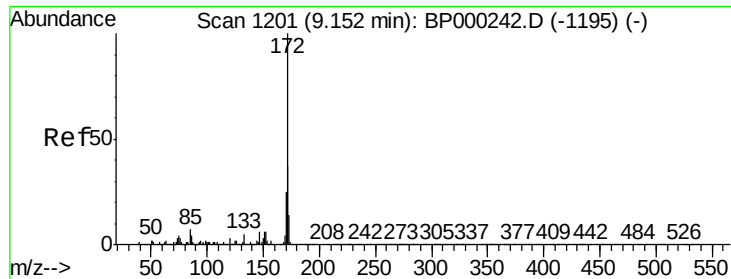


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

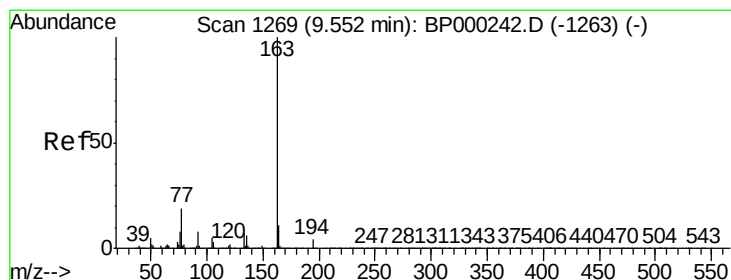
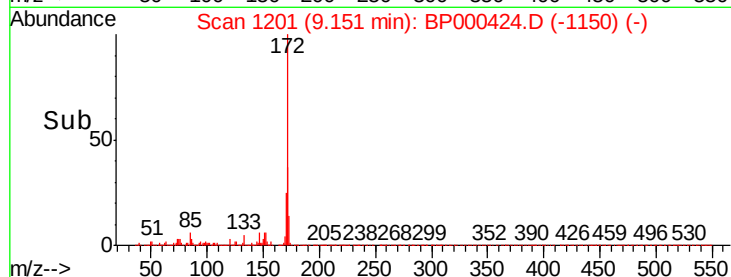
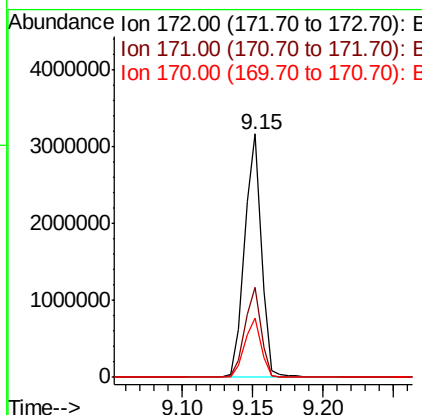
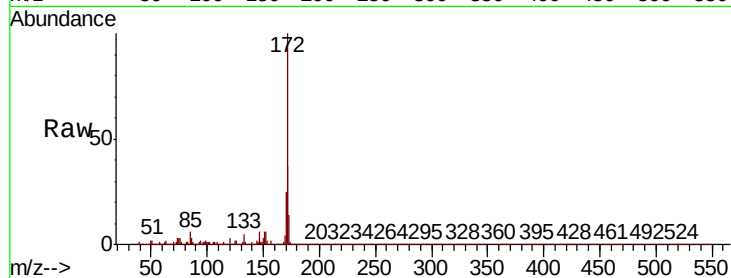




#45
2-Fluorobiphenyl
Concen: 88.553 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

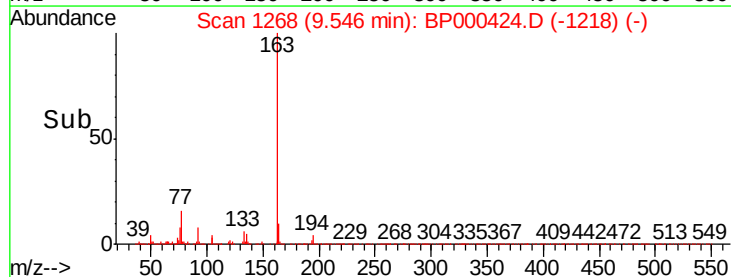
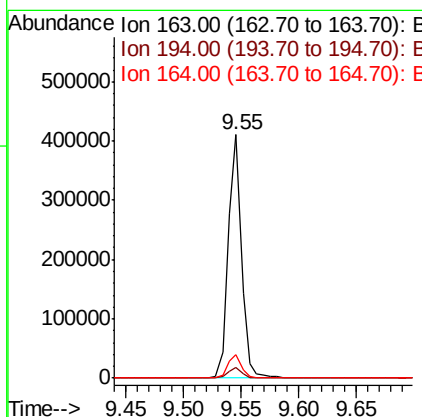
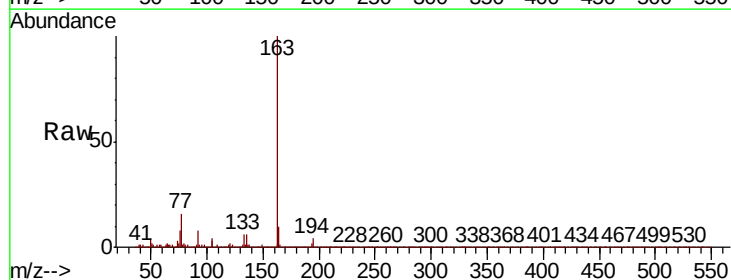
Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30S-GW

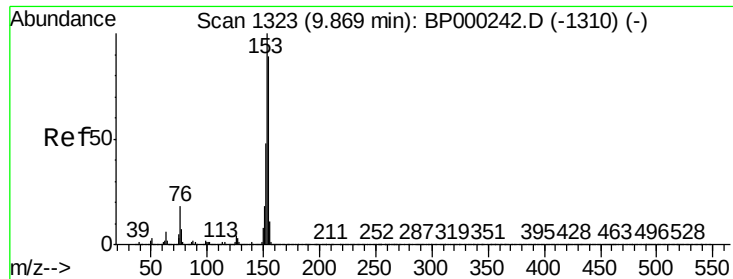
Tot Ion:172 Resp: 2629859
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.5 19.8 29.6



#50
Dimethylphthalate
Concen: 8.938 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Tgt Ion:163 Resp: 325491
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.9 8.5 12.7





#52

Acenaphthene

Concen: 7.980 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampleId :

QNWP8-MW30S-GW

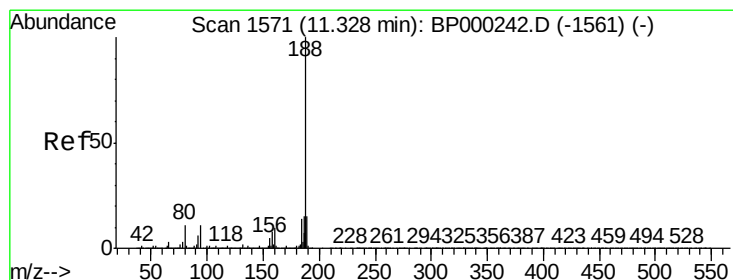
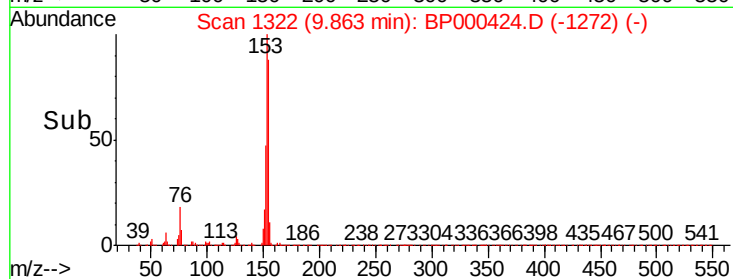
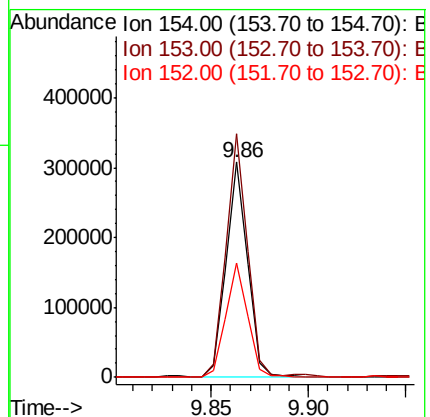
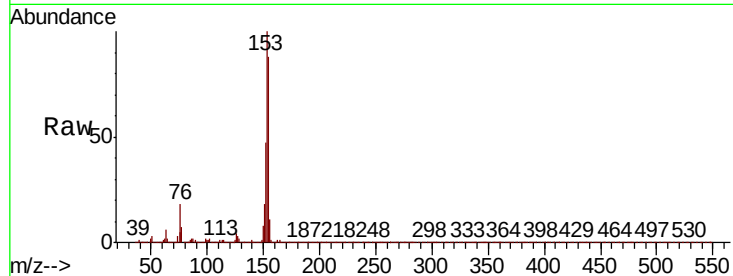
Tot Ion:154 Resp: 234813

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

152 52.8 43.4 65.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

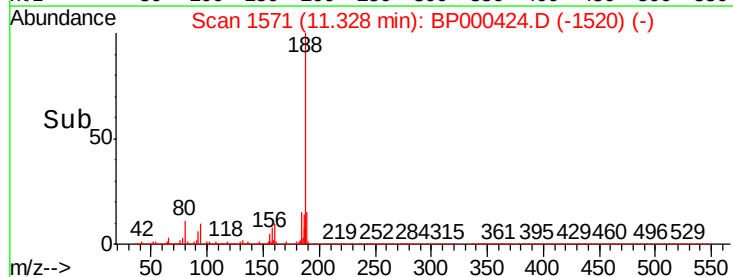
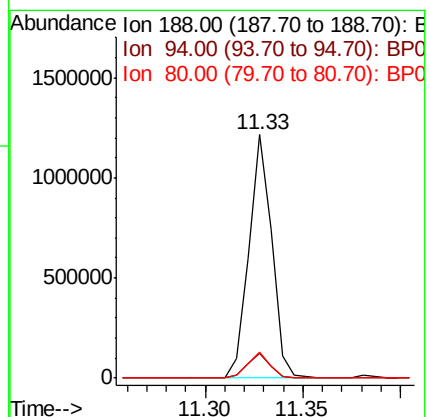
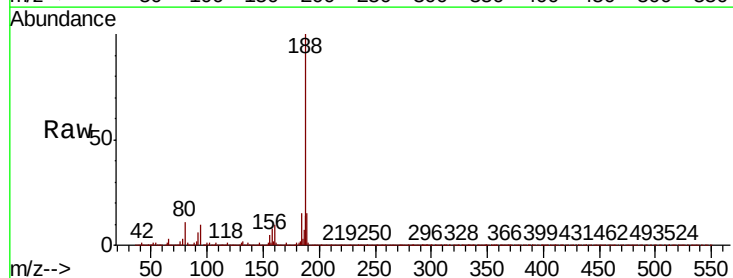
Tgt Ion:188 Resp: 989686

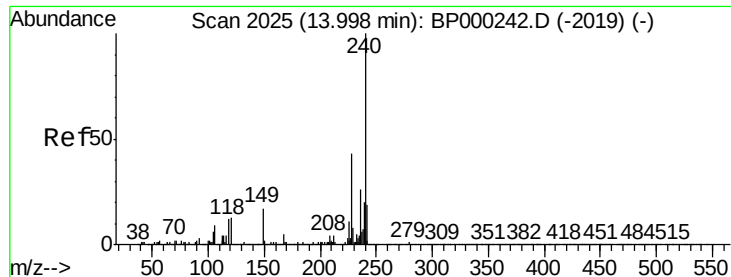
Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

80 10.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampleId :

QNWP8-MW30S-GW

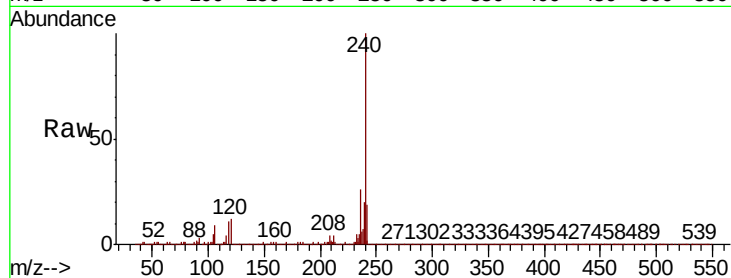
Tot Ion:240 Resp: 879381

Ion Ratio Lower Upper

240 100

120 12.3 10.4 15.6

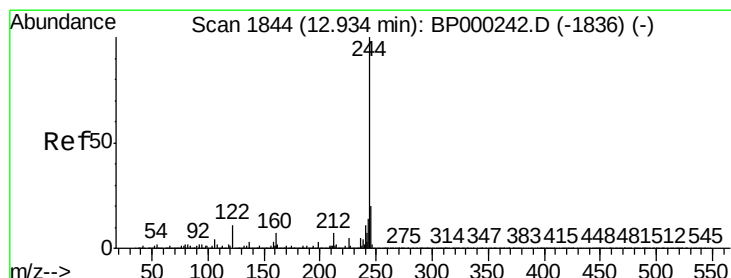
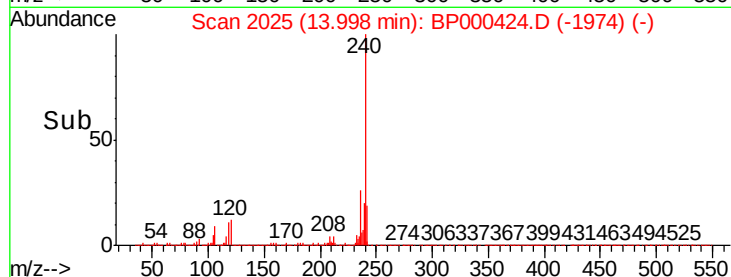
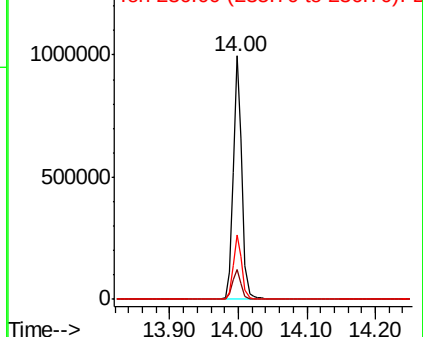
236 26.3 21.0 31.6



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: 80.562 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

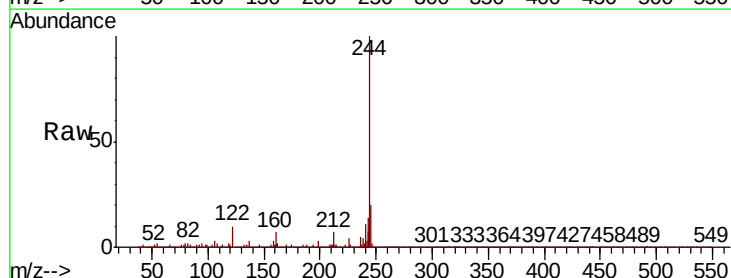
Tgt Ion:244 Resp: 3377025

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

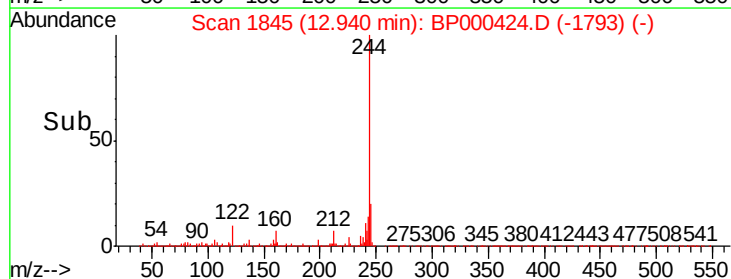
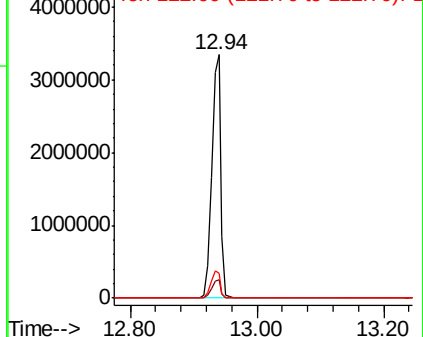
122 10.3 9.0 13.4

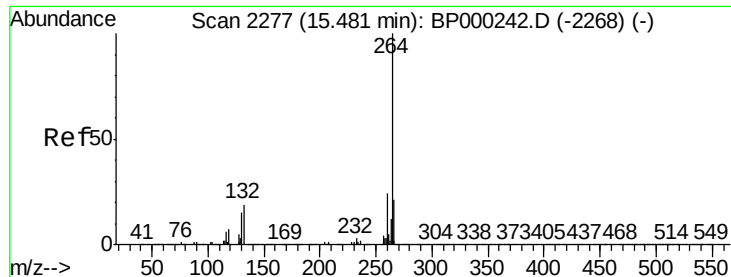


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW30S-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.4	17.2	25.8

