

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000358.D
 Acq On : 20 Sep 2019 16:48
 Operator : HP/JU
 Sample : K4968-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-03-010-ABCD

Quant Time: Sep 20 23:52:02 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

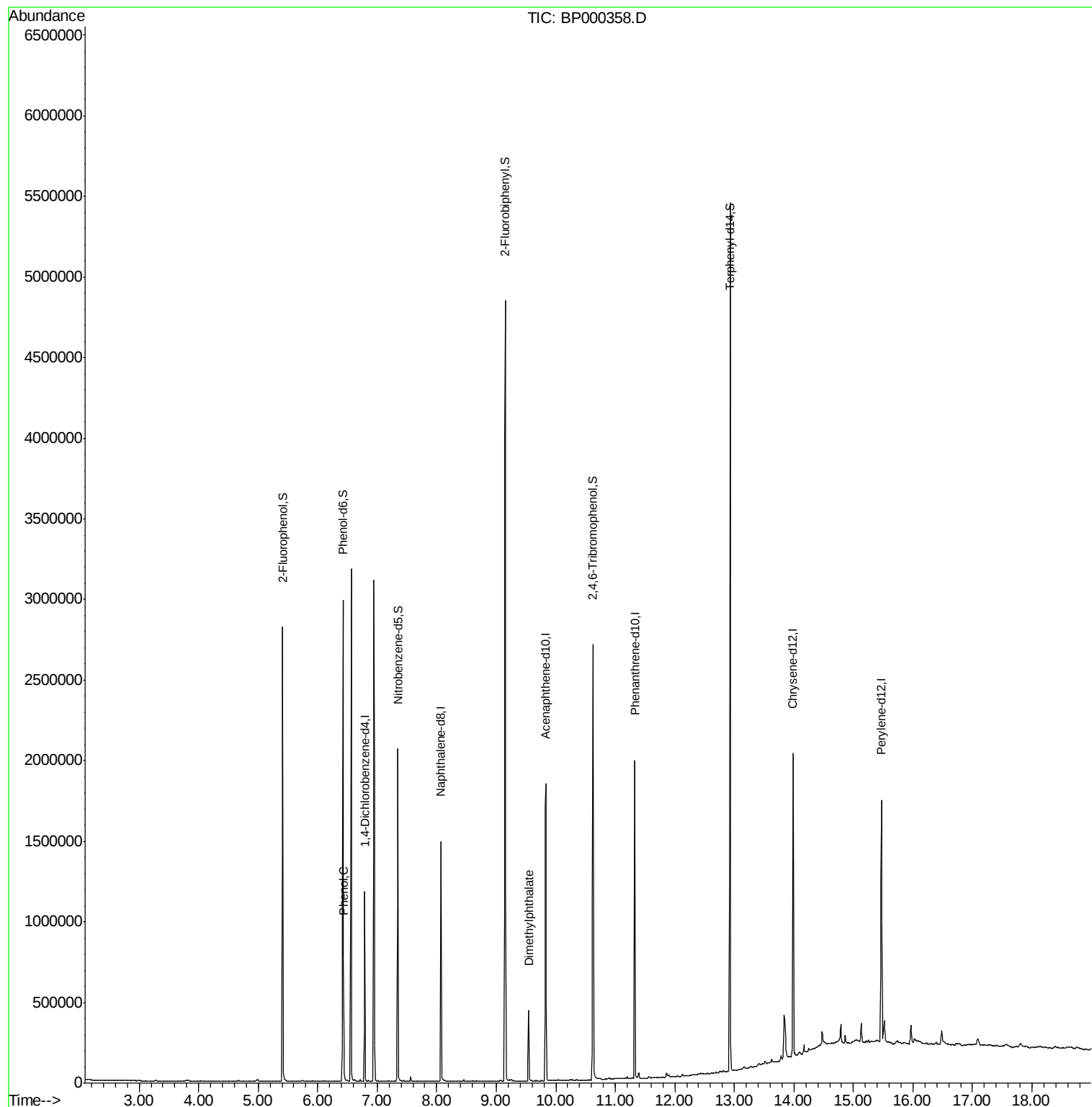
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	190106	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	695339	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	377886	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	702162	20.00	ng	0.00
76) Chrysene-d12	13.99	240	652519	20.00	ng	-0.01
87) Perylene-d12	15.47	264	749439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	855466	77.68	ng	0.00
7) Phenol-d6	6.43	99	1088191	80.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	595793	55.28	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	356849	95.21	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1430064	68.11	ng	0.00
79) Terphenyl-d14	12.93	244	1758357	56.53	ng	0.00
Target Compounds						
10) Phenol	6.44	94	53574	3.493	ng	97
50) Dimethylphthalate	9.55	163	198129	7.696	ng	98

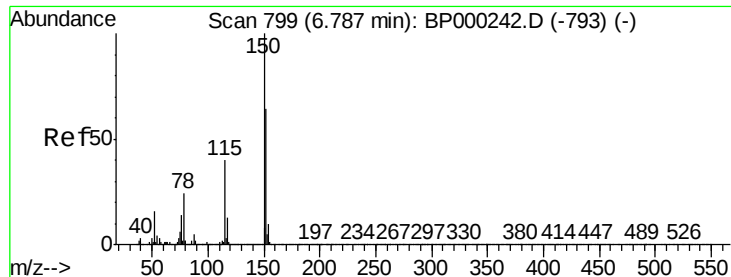
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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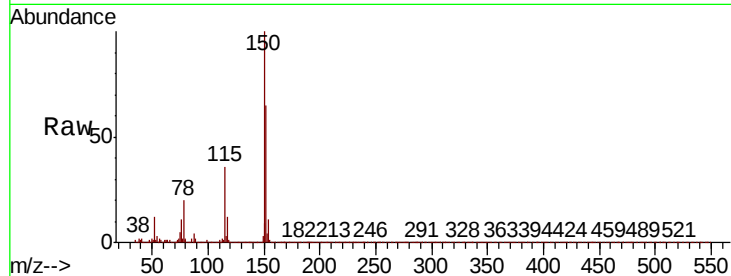


#1

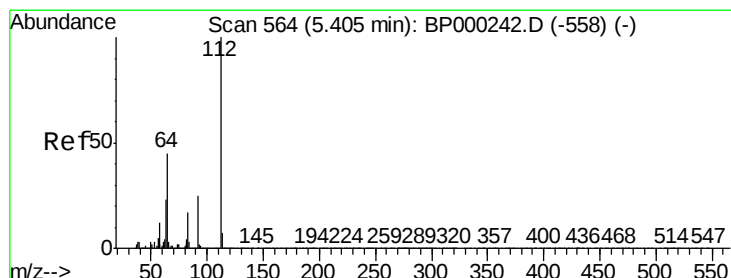
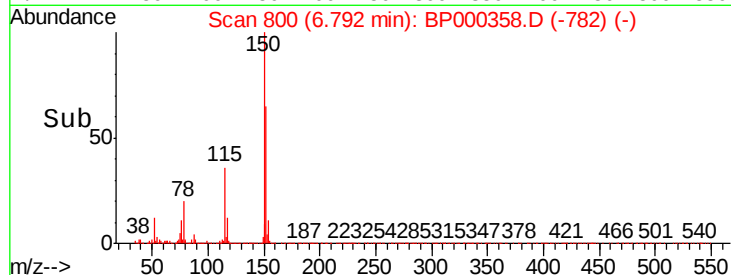
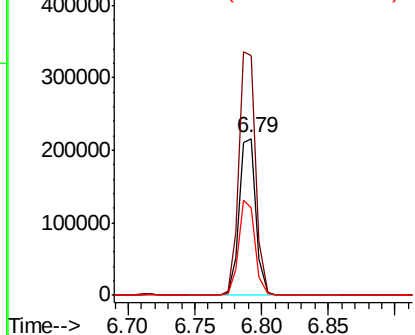
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-010-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.2	187.8
115	55.3	49.7	74.5



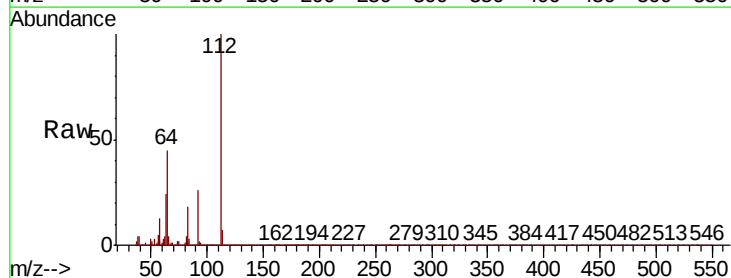
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



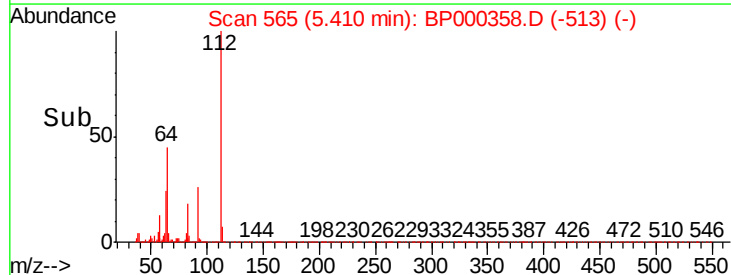
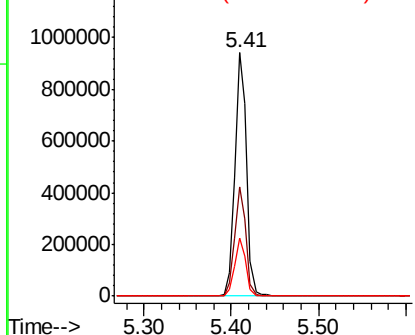
#5

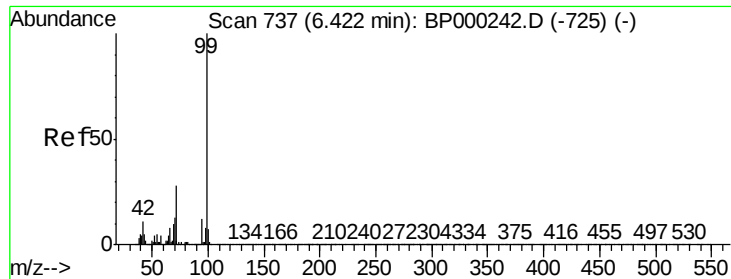
2-Fluorophenol
Concen: 77.685 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	36.2	54.4
63	23.6	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: 80.616 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

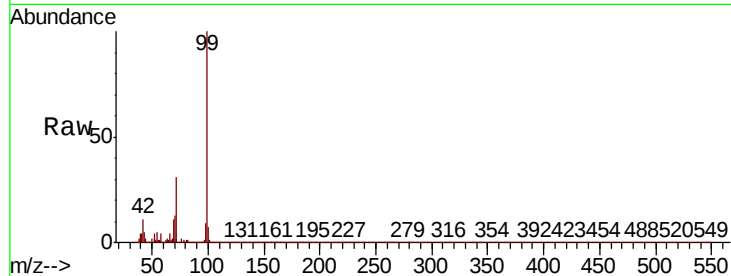
BNA_P

ClientSampleId :

FK-BPM-03-010-ABCD

Tot Ion: 99 Resp: 1088191

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	30.8	22.6	34.0



Abundance

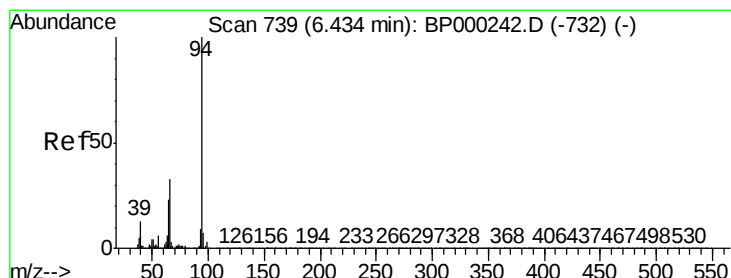
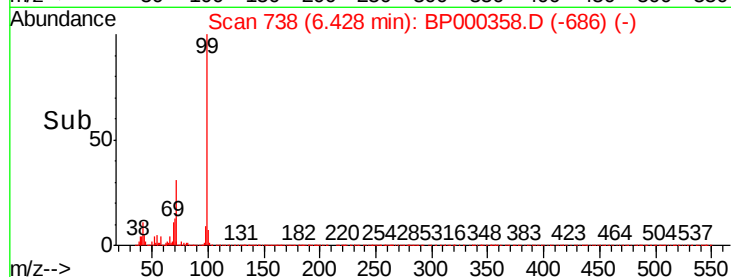
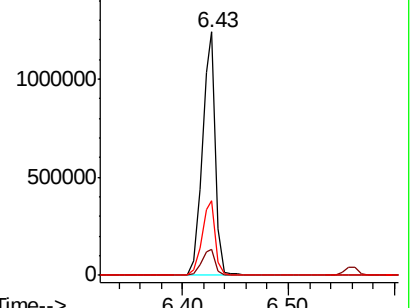
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.43

Time-->



#10

Phenol

Concen: 3.493 ng

RT: 6.44 min Scan# 740

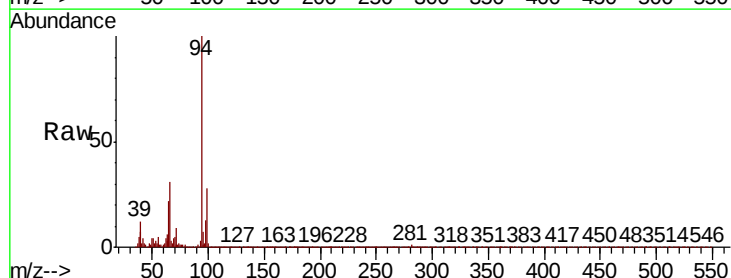
Delta R.T. 0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Tgt Ion: 94 Resp: 53574

Ion	Ratio	Lower	Upper
94	100		
65	21.8	3.3	43.3
66	31.0	12.7	52.7



Abundance

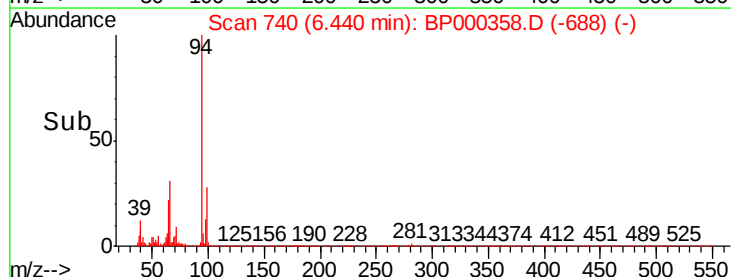
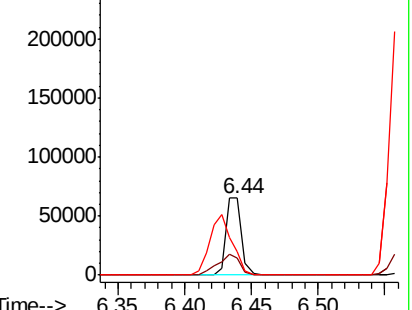
Ion 94.00 (93.70 to 94.70): BP0

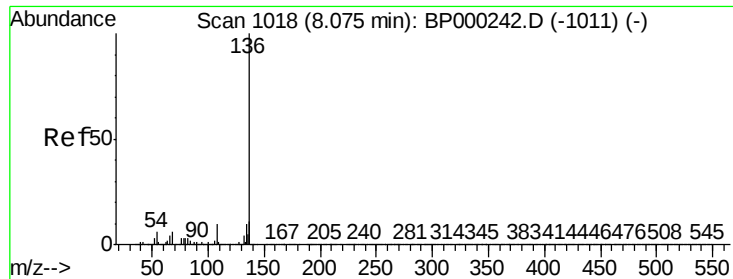
Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

6.44

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

FK-BPM-03-010-ABCD

Tot Ion:136 Resp: 695339

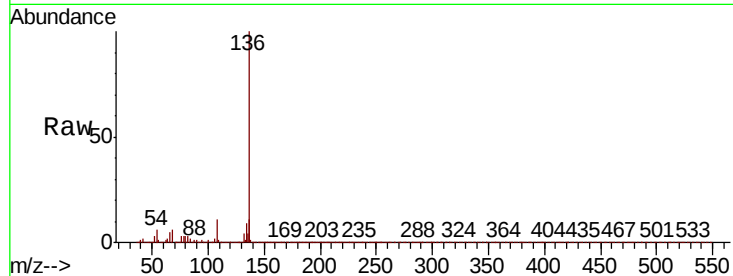
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 5.8 4.5 6.7

68 5.7 4.5 6.7

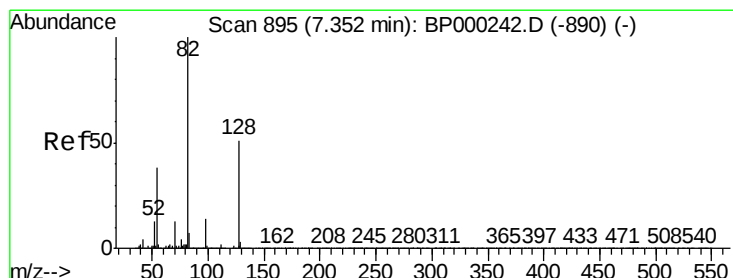
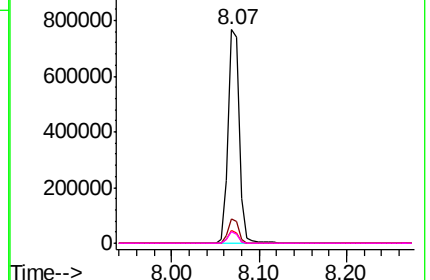
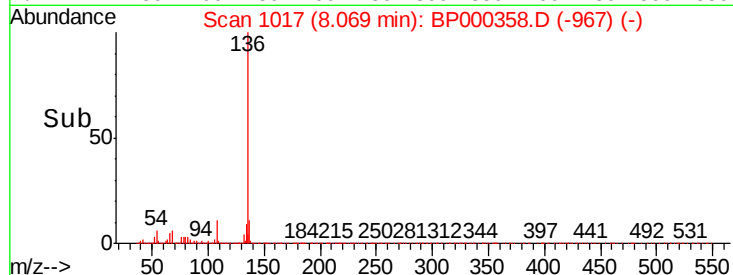


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.283 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

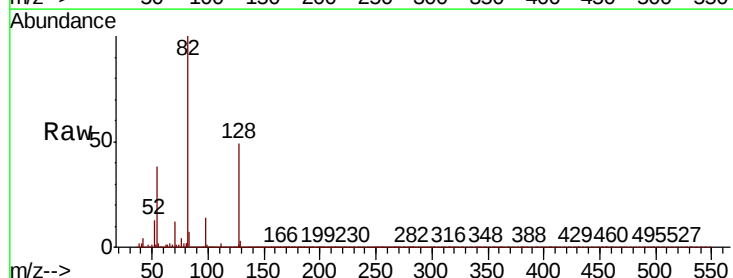
Tgt Ion: 82 Resp: 595793

Ion Ratio Lower Upper

82 100

128 49.3 40.7 61.1

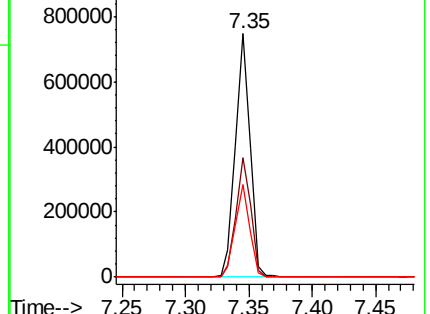
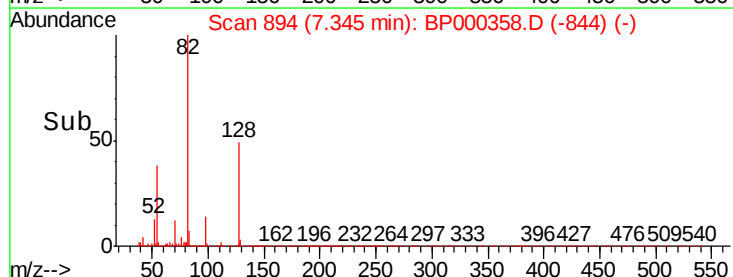
54 38.2 30.1 45.1

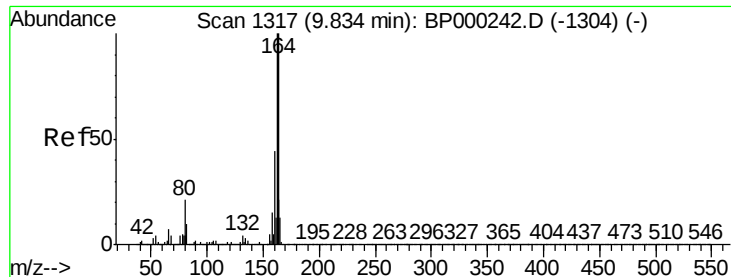


Abundance Ion 82.00 (81.70 to 82.70): BP0

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: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

FK-BPM-03-010-ABCD

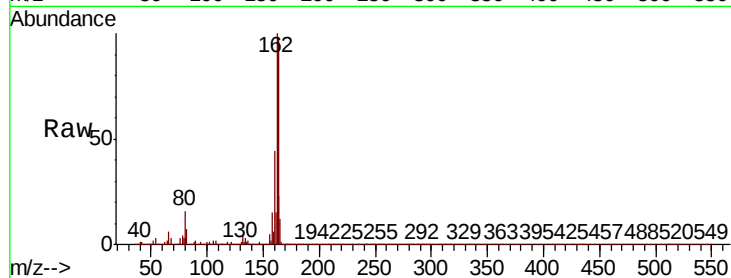
Tot Ion:164 Resp: 377886

Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

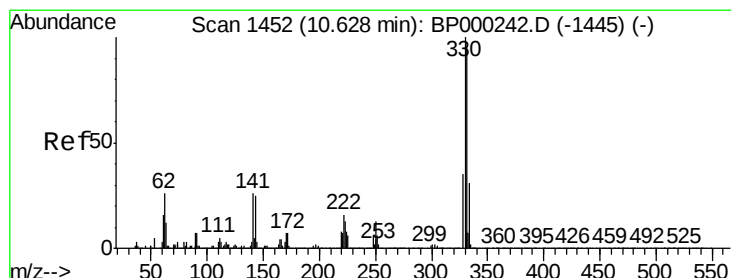
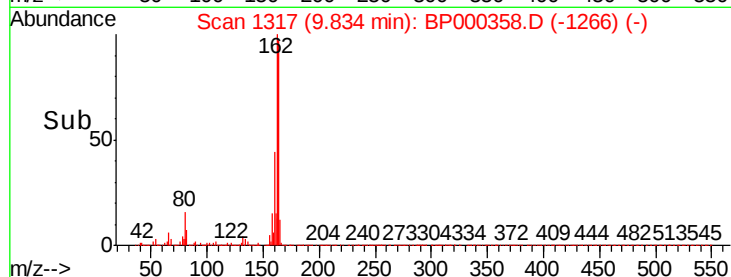
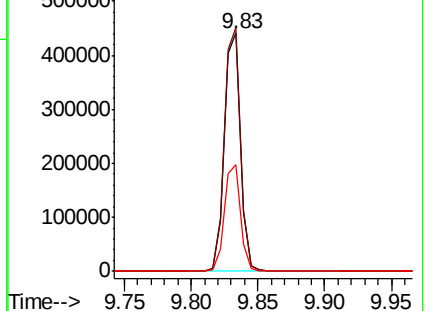
160 44.6 35.6 53.4



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: 95.207 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

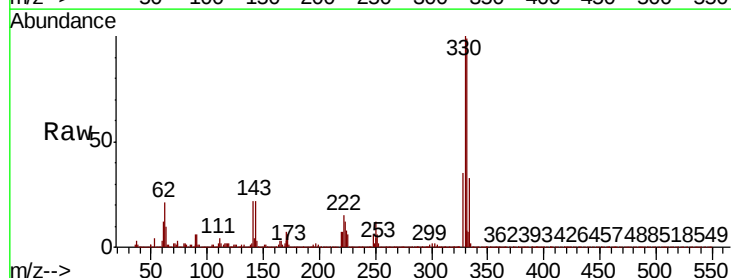
Tgt Ion:330 Resp: 356849

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

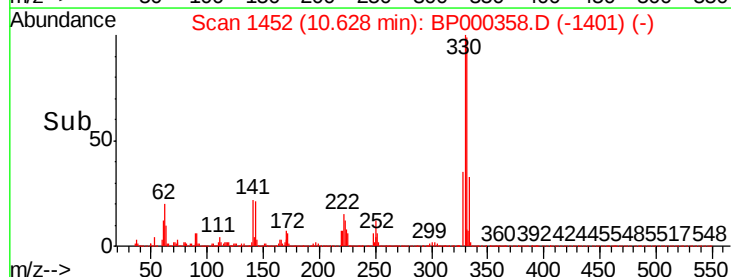
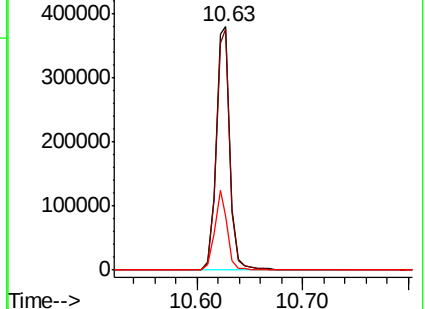
141 29.8 26.5 39.7

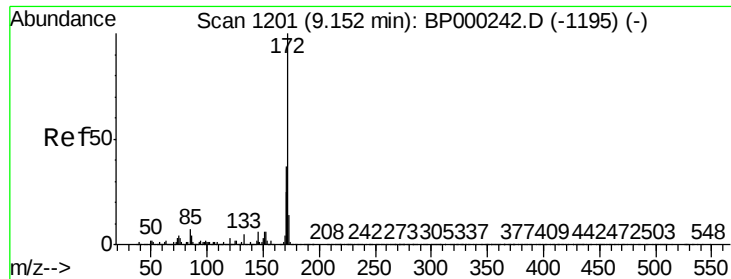


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

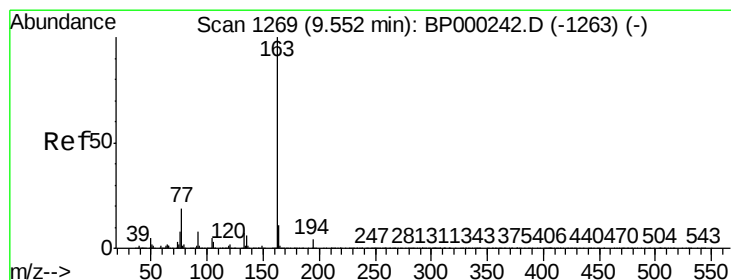
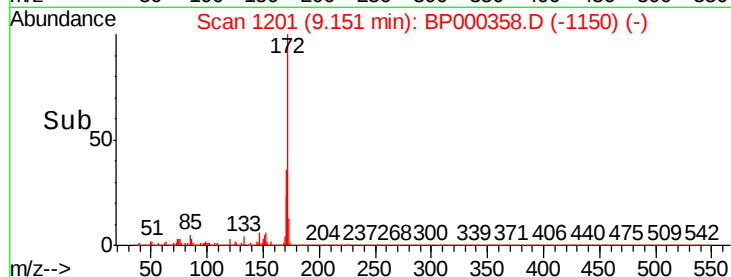
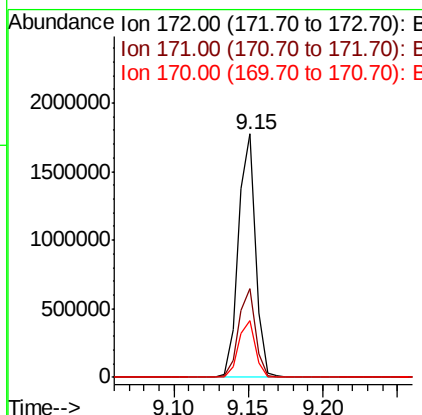
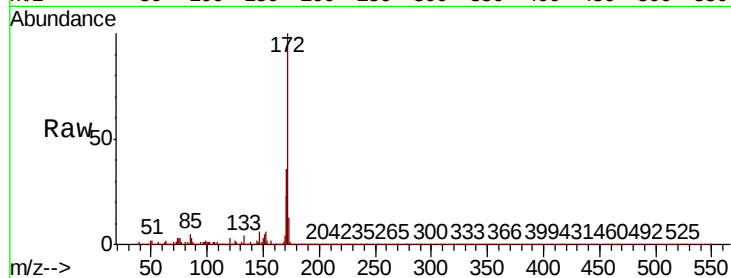




#45
2-Fluorobiphenyl
Concen: 68.112 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

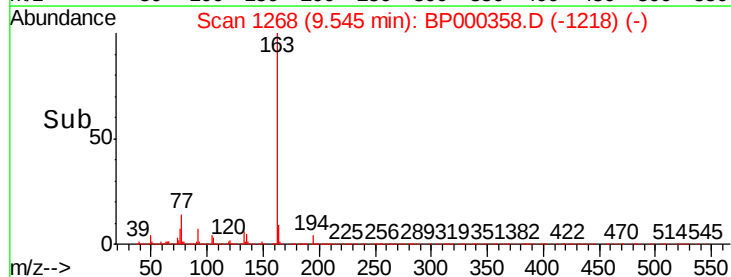
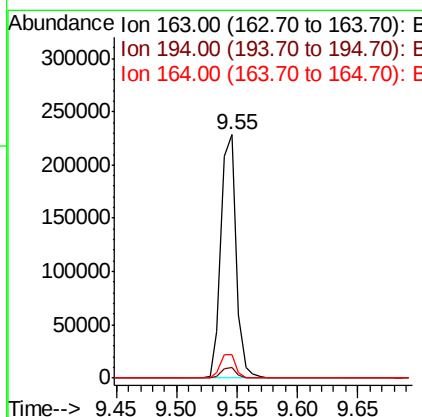
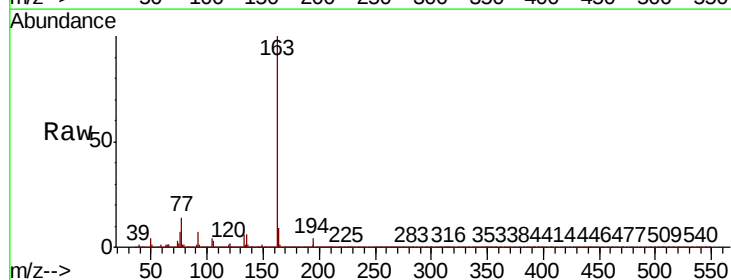
Instrument :
BNA_P
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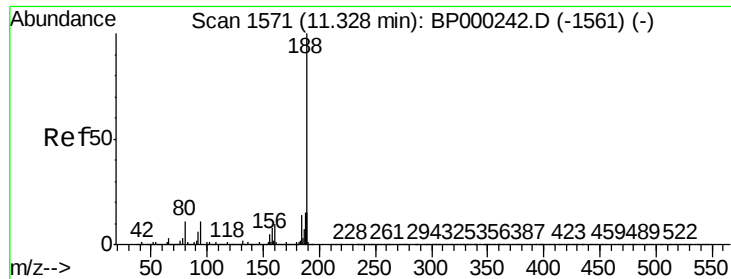
Tot Ion:172 Resp: 1430064
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 7.696 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

Tgt Ion:163 Resp: 198129
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.5 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

FK-BPM-03-010-ABCD

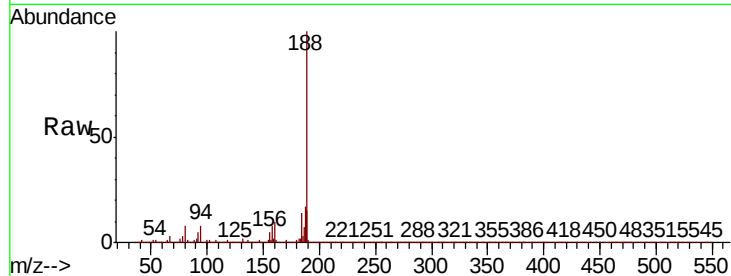
Tot Ion:188 Resp: 702162

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

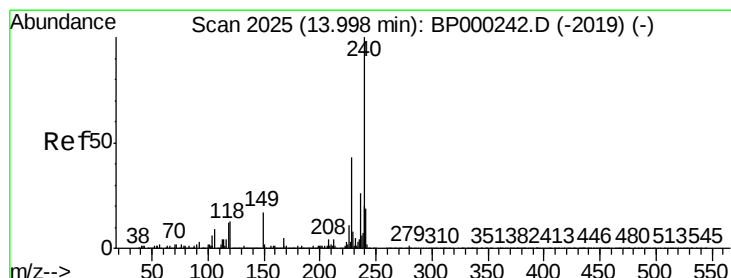
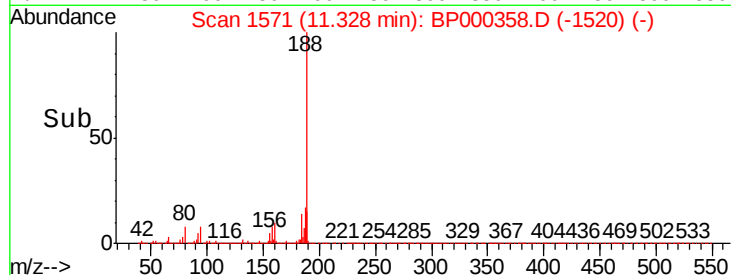
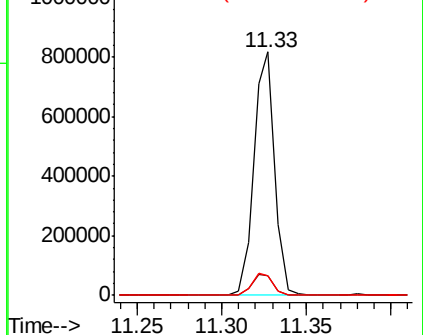
80 8.3 8.6 13.0#



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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

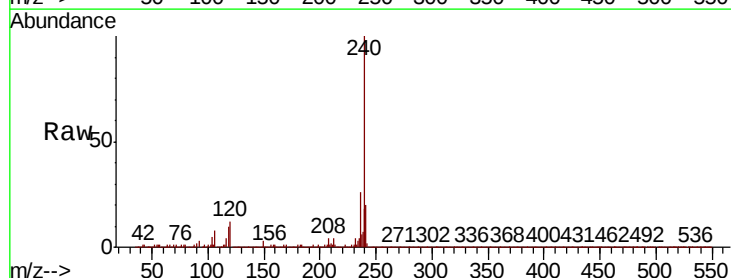
Tgt Ion:240 Resp: 652519

Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

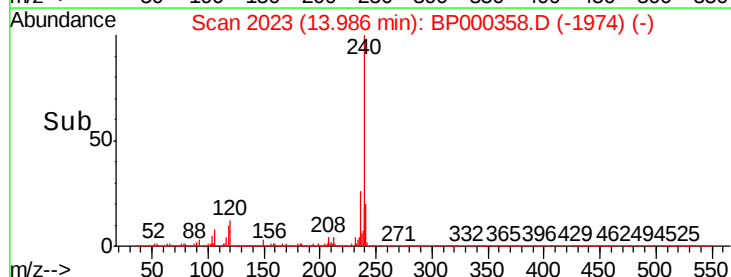
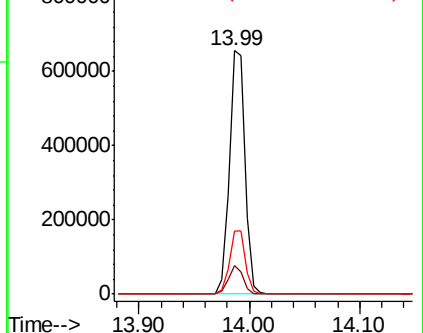
236 25.9 21.0 31.6

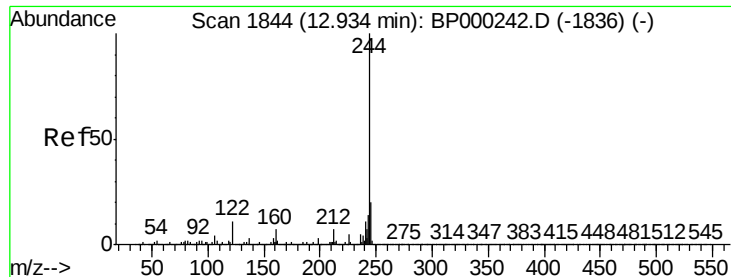


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.531 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

FK-BPM-03-010-ABCD

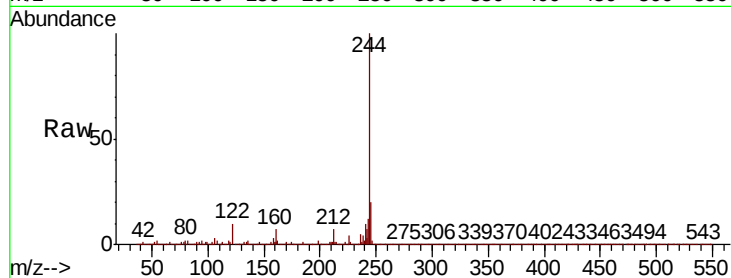
Tot Ion:244 Resp: 1758357

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.7 9.0 13.4

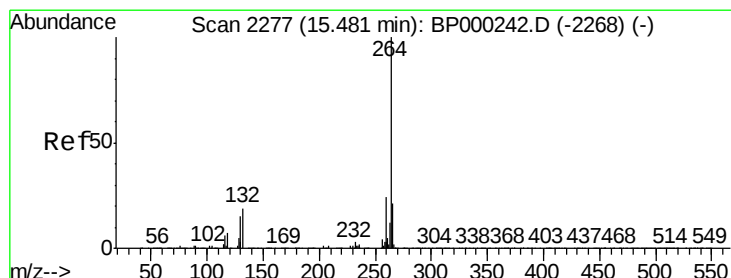
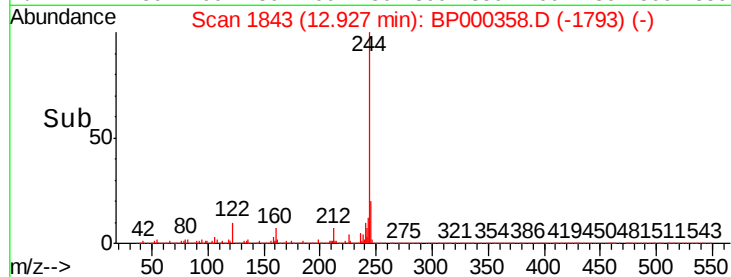
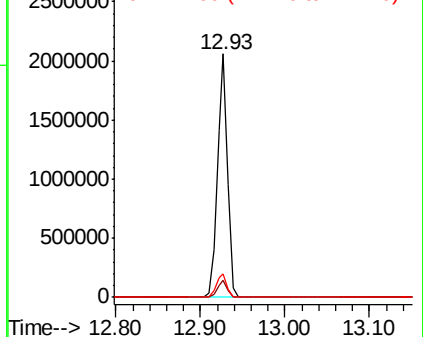


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

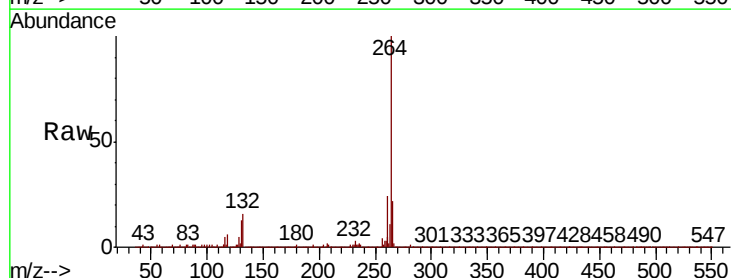
Tgt Ion:264 Resp: 749439

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.7 17.2 25.8



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

