

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000357.D
 Acq On : 20 Sep 2019 16:24
 Operator : HP/JU
 Sample : K4957-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-42-COMP

Quant Time: Sep 20 23:50:32 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

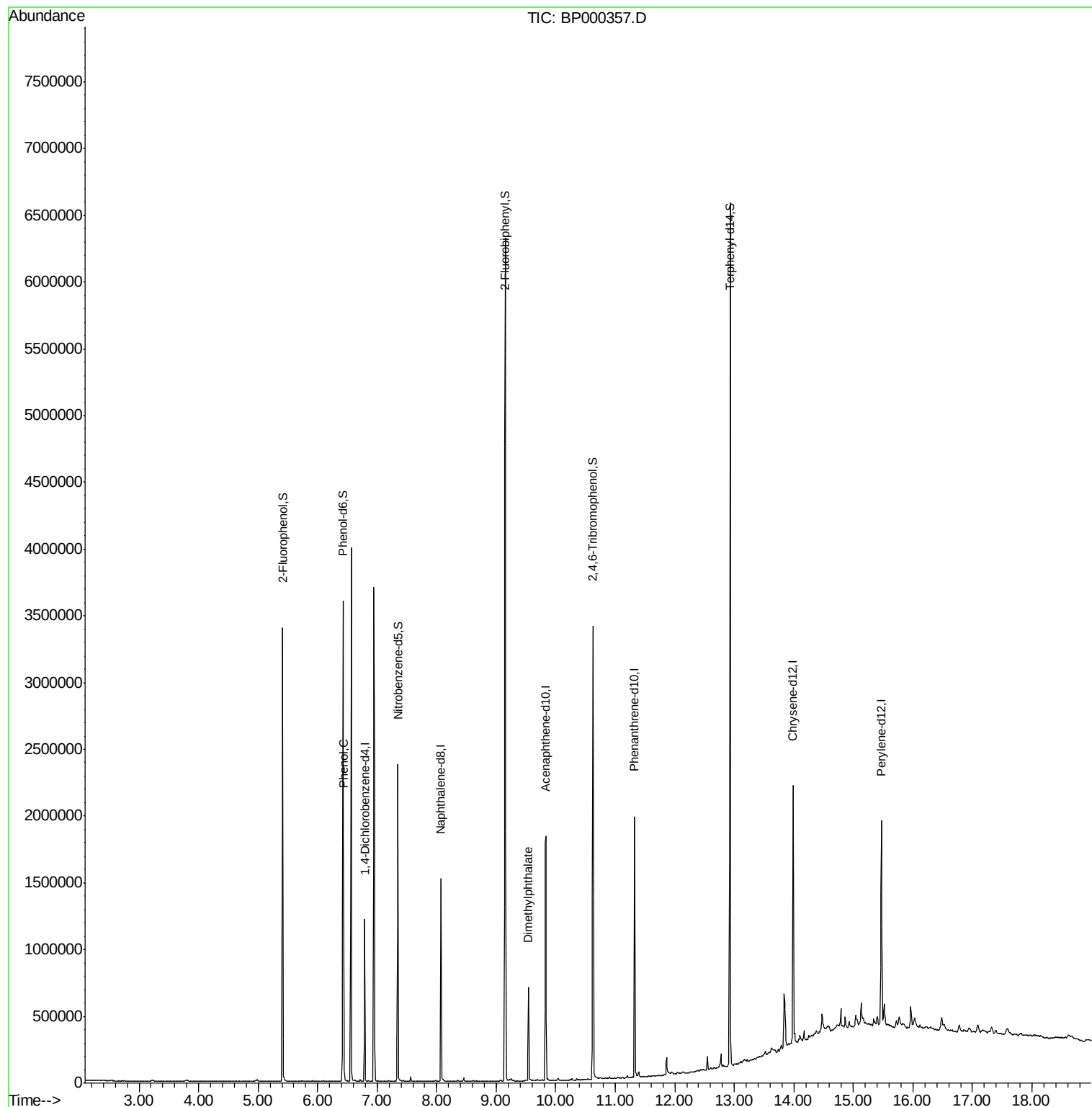
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	185826	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	698307	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	388200	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	703671	20.00	ng	0.00
76) Chrysene-d12	13.99	240	654943	20.00	ng	-0.01
87) Perylene-d12	15.47	264	754228	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1053959	97.91	ng	0.00
7) Phenol-d6	6.43	99	1365199	103.47	ng	0.00
23) Nitrobenzene-d5	7.35	82	755934	69.84	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	454743	118.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1834516	85.05	ng	0.00
79) Terphenyl-d14	12.93	244	2176001	69.70	ng	0.00
Target Compounds						
10) Phenol	6.44	94	64842	4.325	ng	98
50) Dimethylphthalate	9.54	163	292823	11.071	ng	100

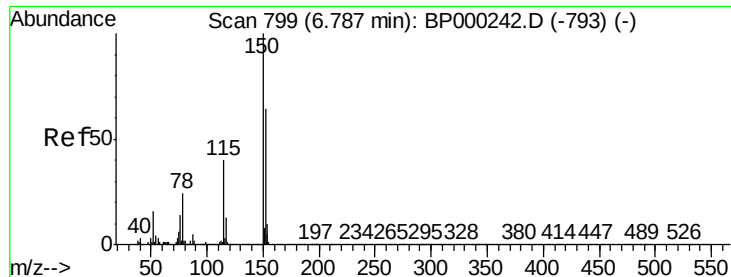
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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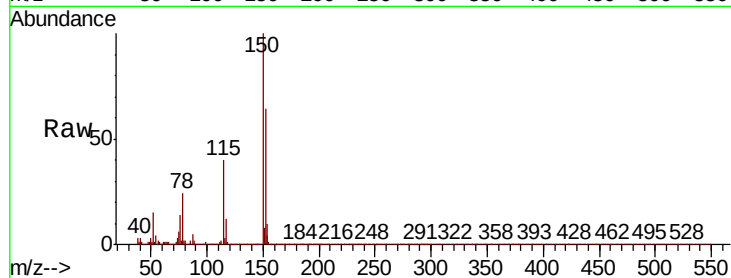


#1

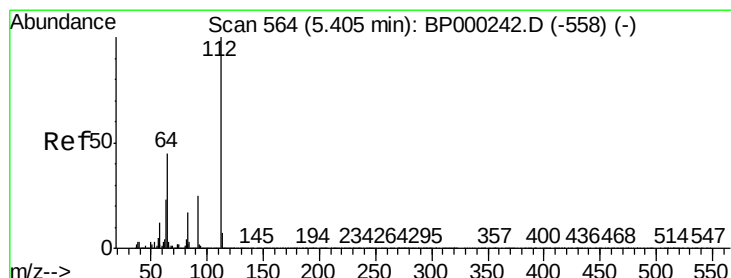
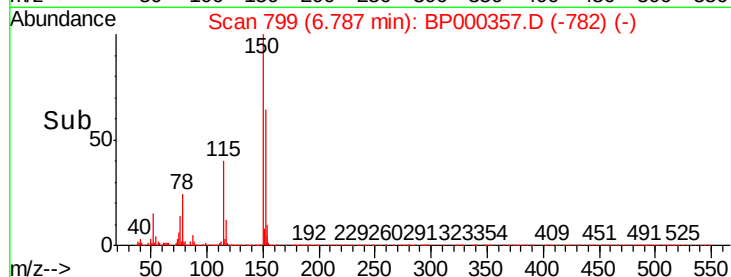
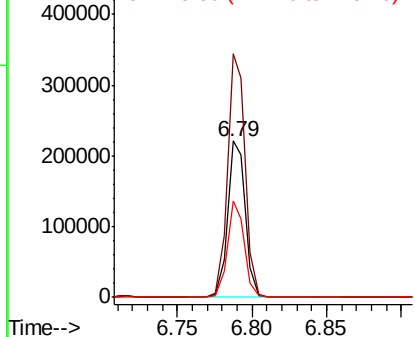
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Instrument :
BNA_P
ClientSampleId :
SB-42-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.2	187.8
115	62.0	49.7	74.5



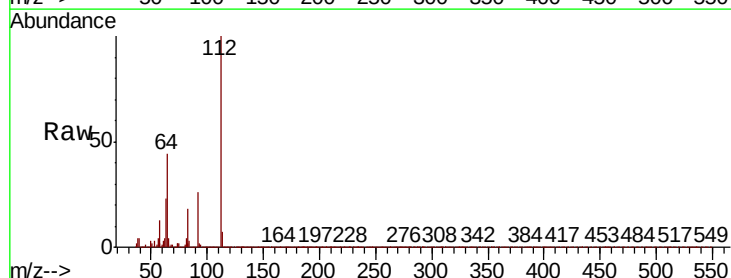
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



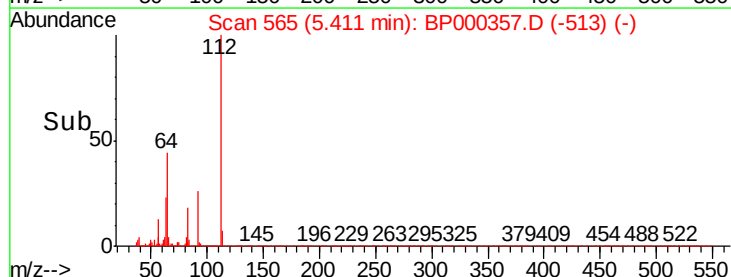
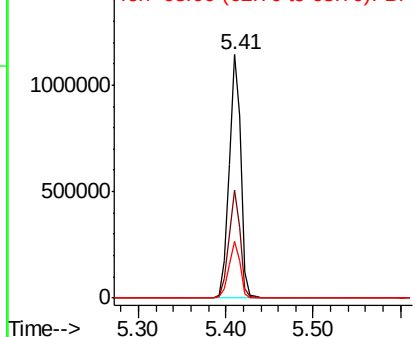
#5

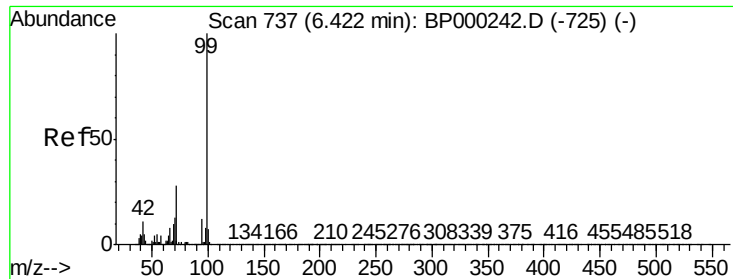
2-Fluorophenol
Concen: 97.914 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.5	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: 103.467 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampleId :

SB-42-COMP

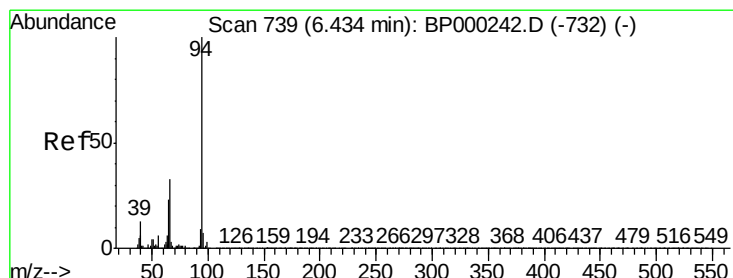
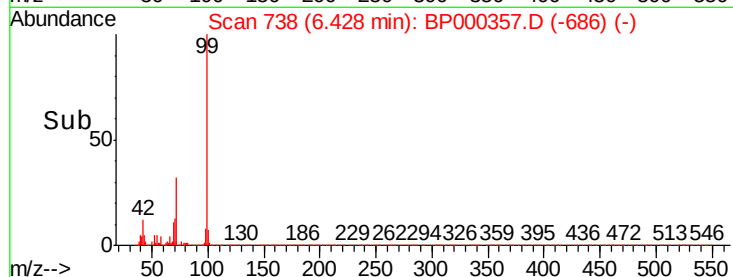
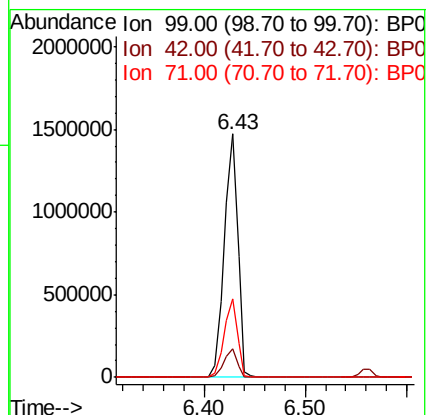
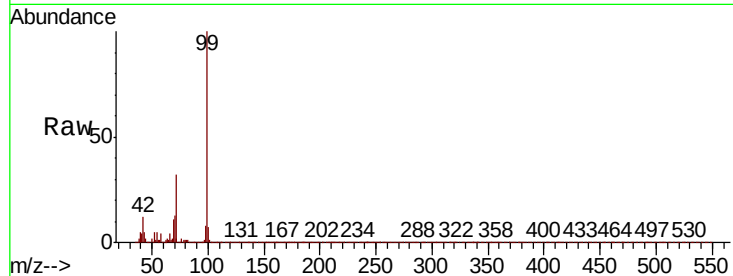
Tot Ion: 99 Resp: 1365199

Ion Ratio Lower Upper

99 100

42 11.5 8.5 12.7

71 32.3 22.6 34.0



#10

Phenol

Concen: 4.325 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

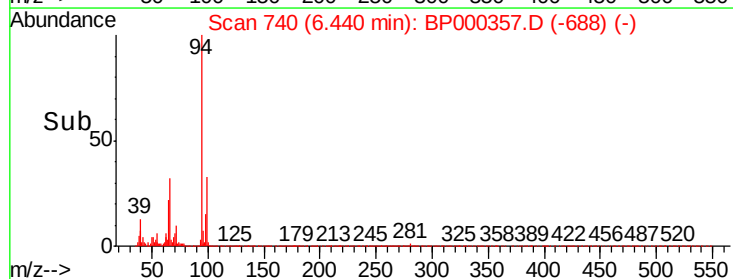
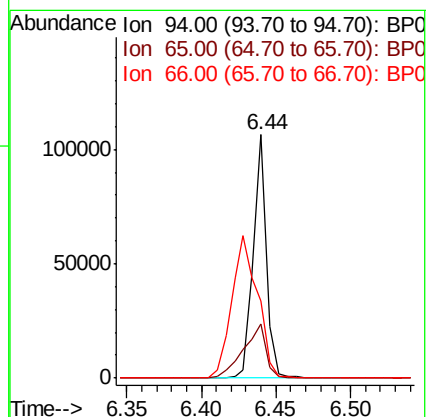
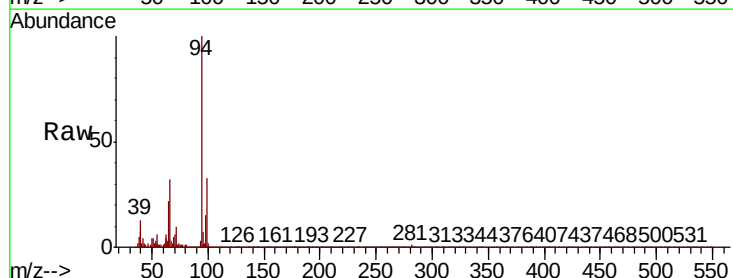
Tgt Ion: 94 Resp: 64842

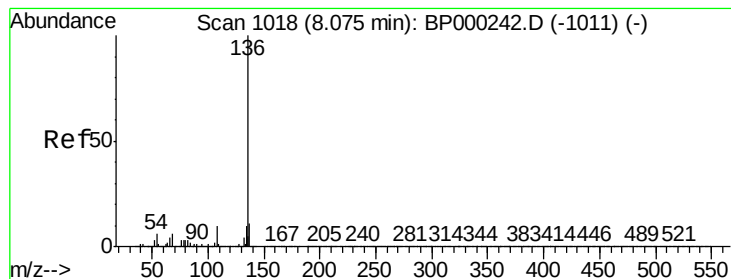
Ion Ratio Lower Upper

94 100

65 22.4 3.3 43.3

66 31.7 12.7 52.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampleId :

SB-42-COMP

Tot Ion:136 Resp: 698307

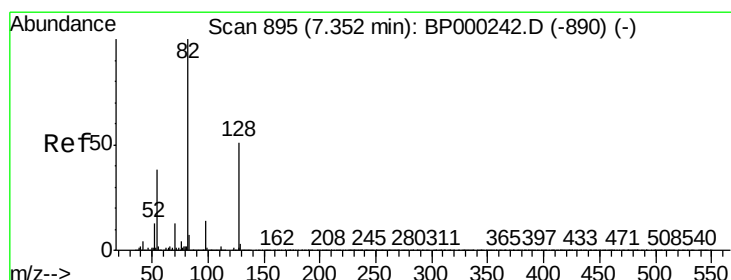
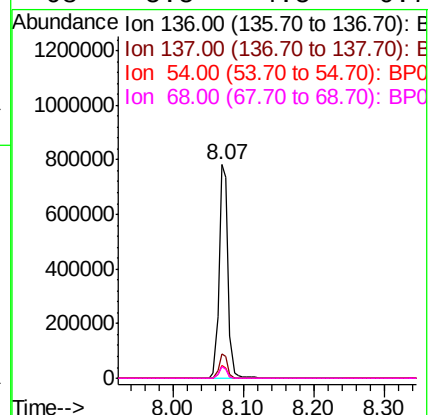
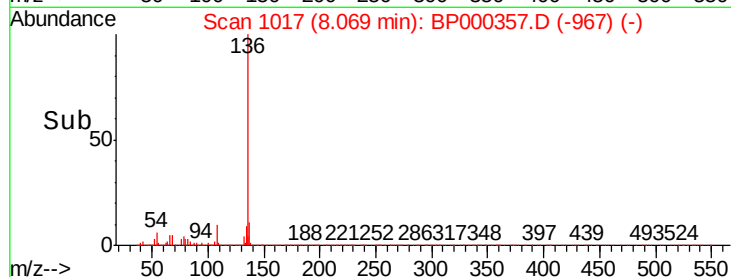
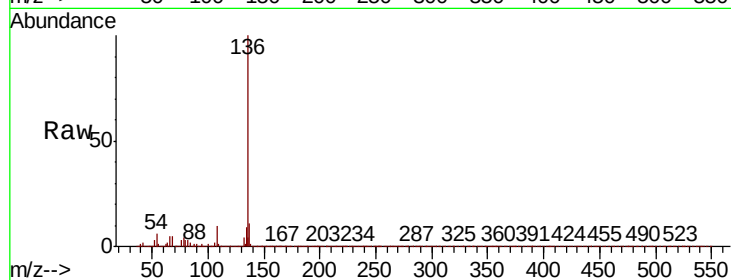
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.8 4.5 6.7

68 5.5 4.5 6.7



#23

Nitrobenzene-d5

Concen: 69.844 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

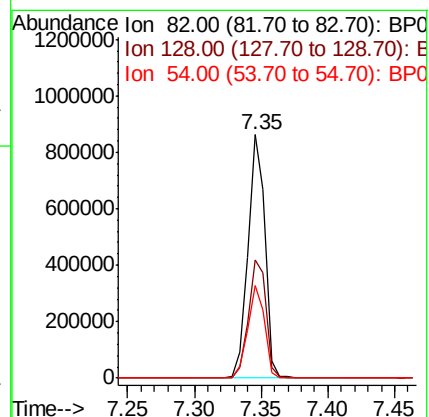
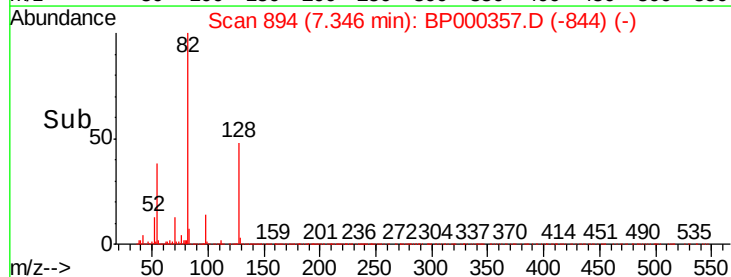
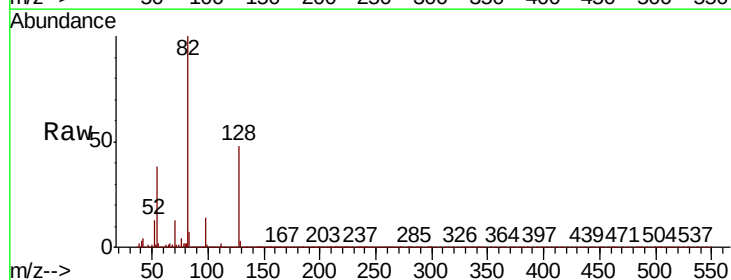
Tgt Ion: 82 Resp: 755934

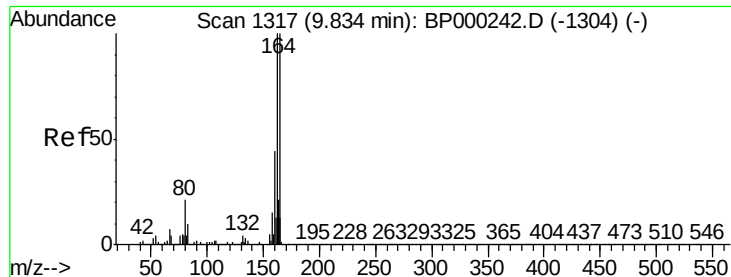
Ion Ratio Lower Upper

82 100

128 48.5 40.7 61.1

54 38.1 30.1 45.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampleId :

SB-42-COMP

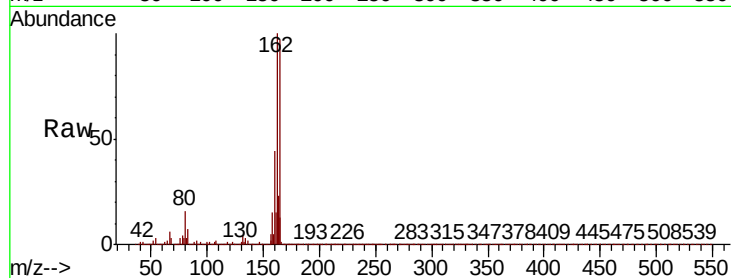
Tot Ion:164 Resp: 388200

Ion Ratio Lower Upper

164 100

162 103.3 79.9 119.9

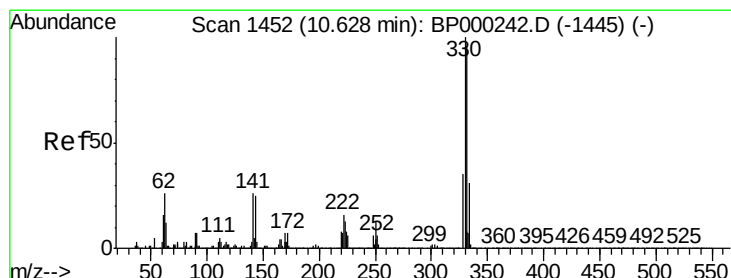
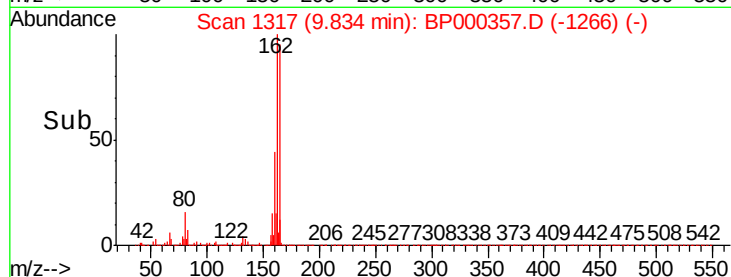
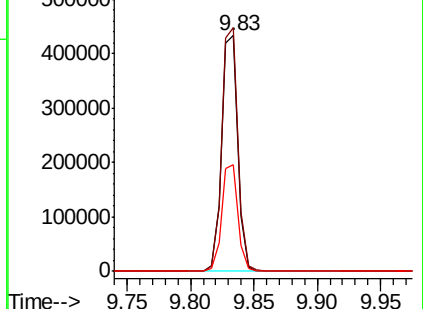
160 45.2 35.6 53.4



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: 118.102 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

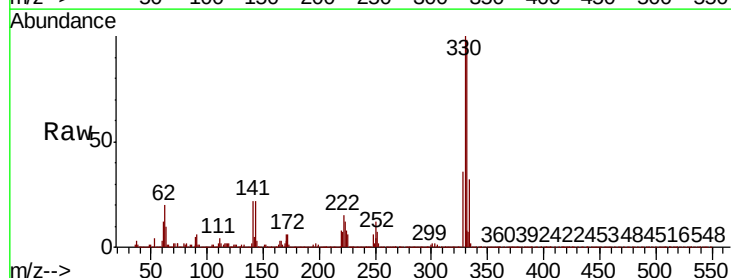
Tgt Ion:330 Resp: 454743

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

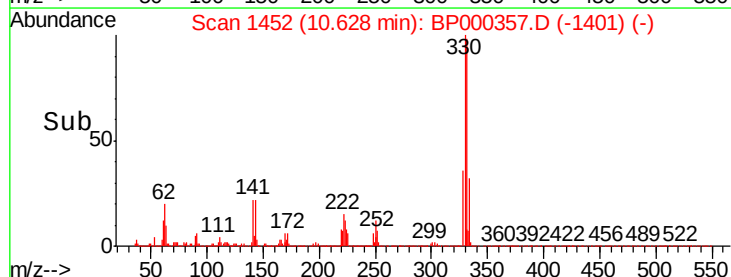
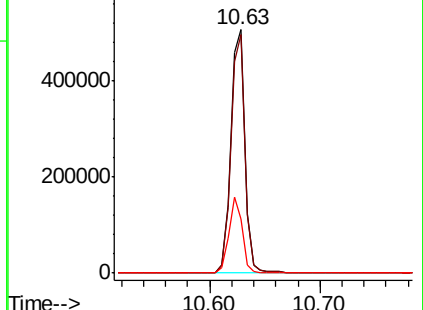
141 29.8 26.5 39.7

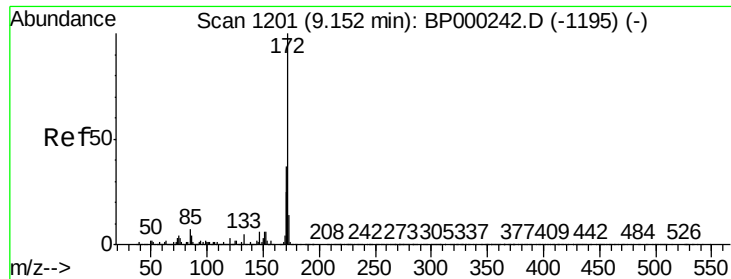


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

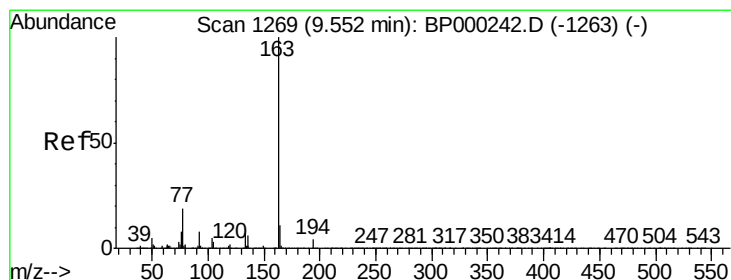
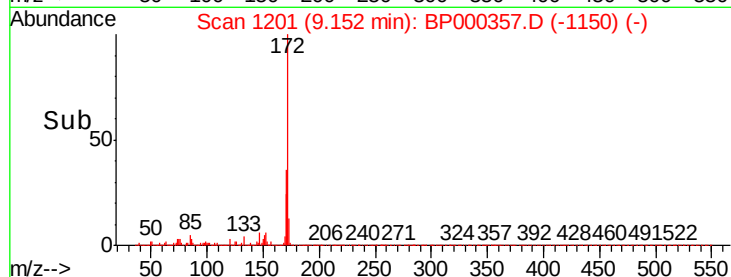
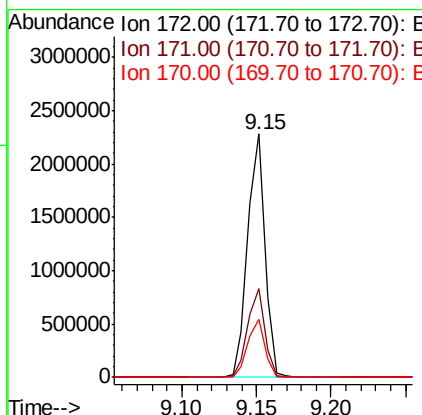
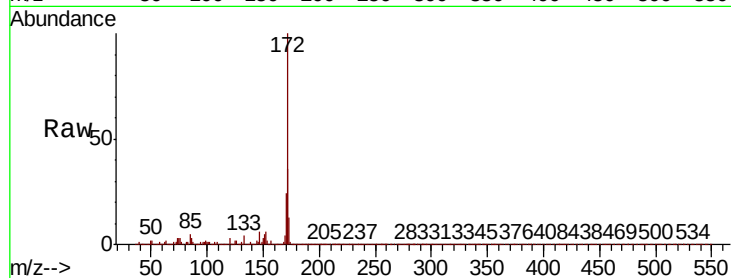




#45
2-Fluorobiphenyl
Concen: 85.053 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

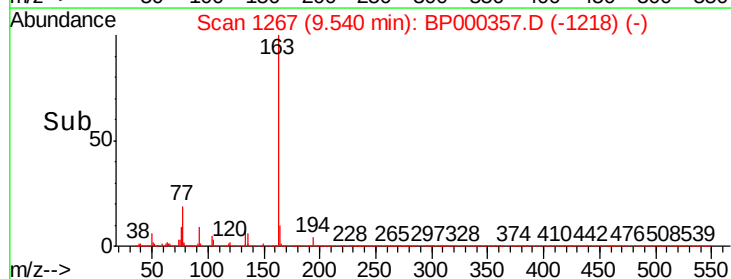
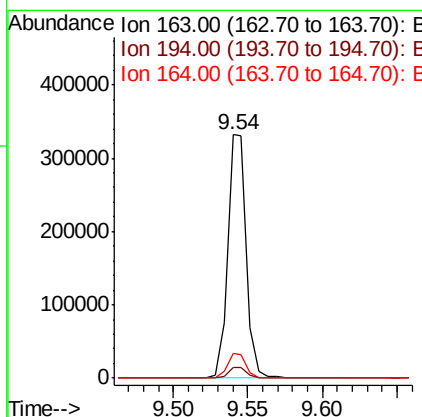
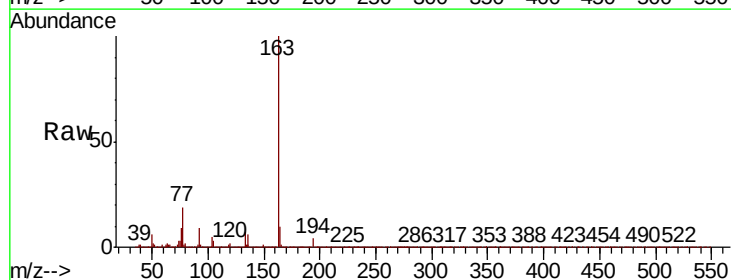
Instrument :
BNA_P
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SB-42-COMP

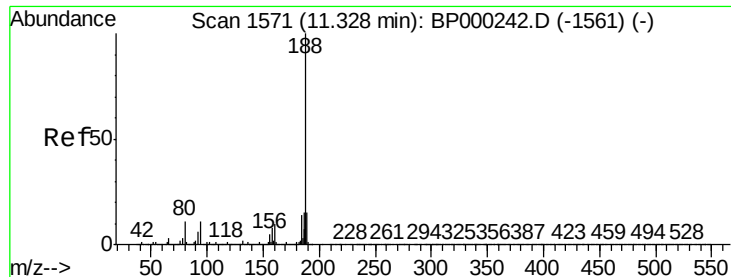
Tot Ion:172 Resp: 1834516
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 23.8 19.8 29.6



#50
Dimethylphthalate
Concen: 11.071 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Tgt Ion:163 Resp: 292823
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampleId :

SB-42-COMP

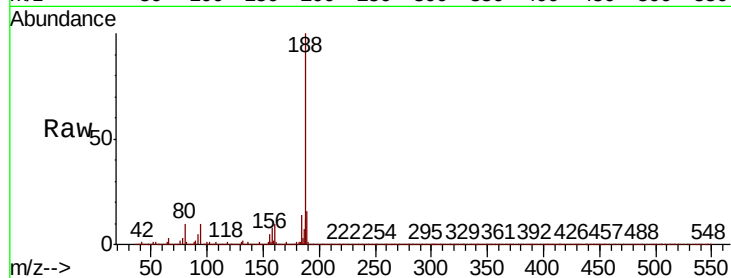
Tot Ion:188 Resp: 703671

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

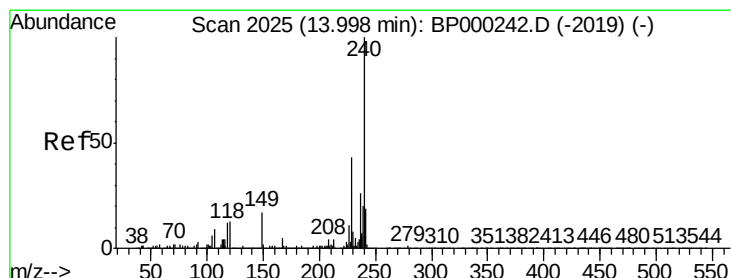
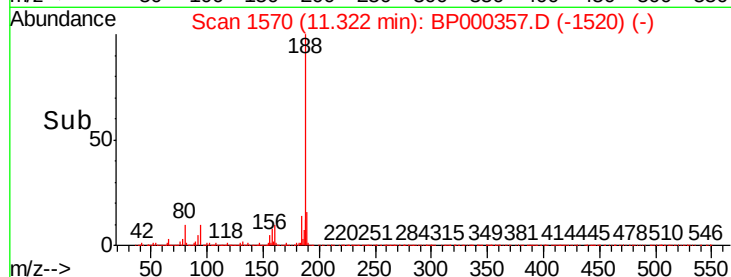
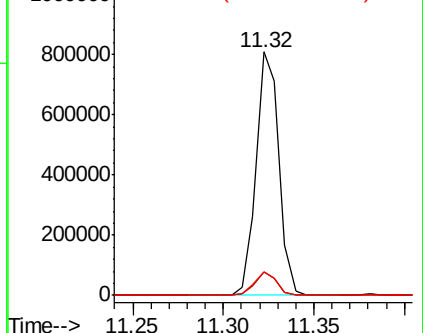
80 9.8 8.6 13.0



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: BP000357.D

Acq: 20 Sep 2019 16:24

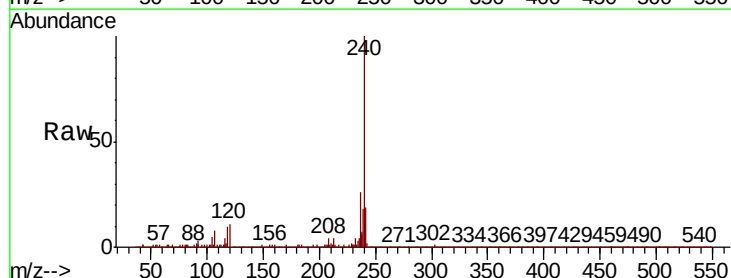
Tgt Ion:240 Resp: 654943

Ion Ratio Lower Upper

240 100

120 11.3 10.4 15.6

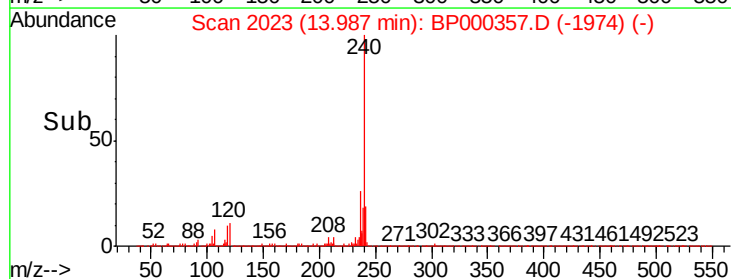
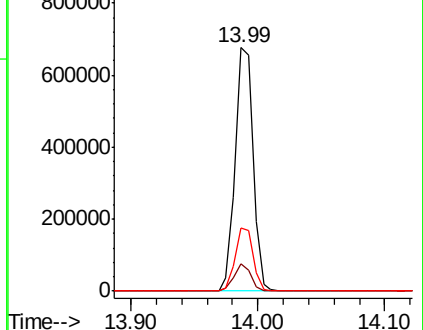
236 25.8 21.0 31.6

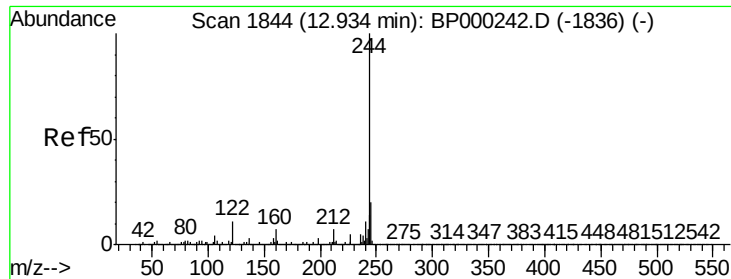


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.699 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

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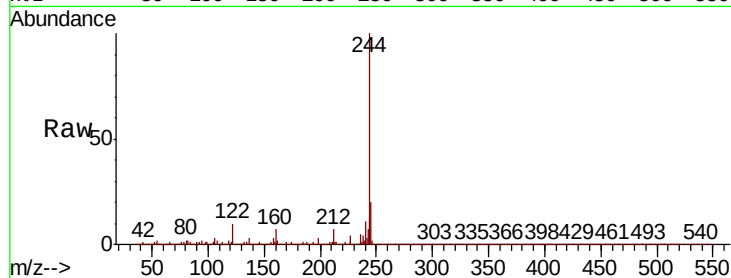
Tot Ion:244 Resp: 2176001

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

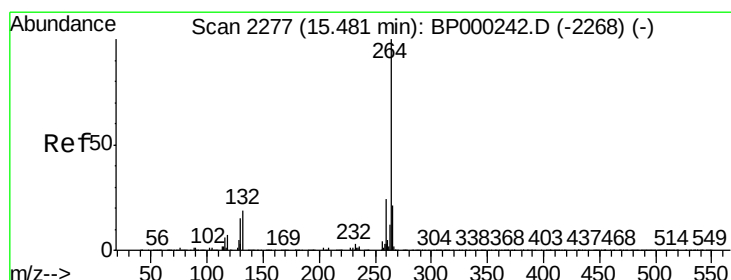
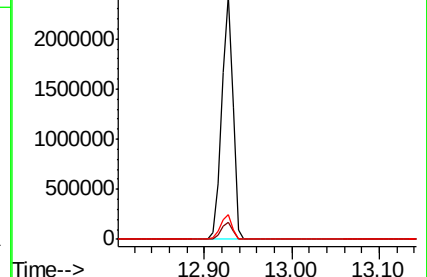
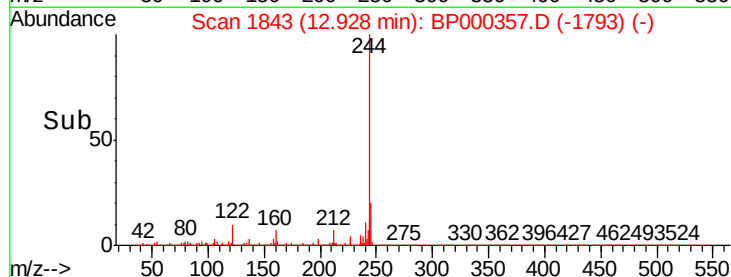
122 10.0 9.0 13.4



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: BP000357.D

Acq: 20 Sep 2019 16:24

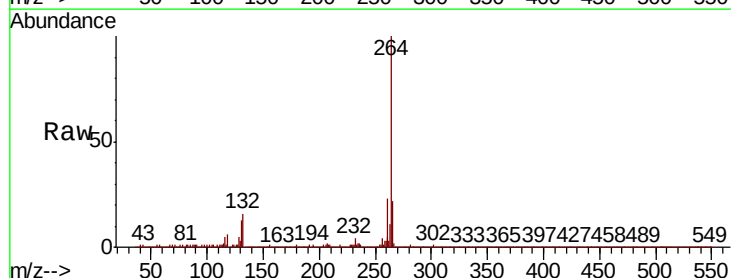
Tgt Ion:264 Resp: 754228

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.5 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

