

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000331.D
 Acq On : 19 Sep 2019 15:40
 Operator : HP/JU
 Sample : K4962-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TH-2

Quant Time: Sep 20 05:12:55 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

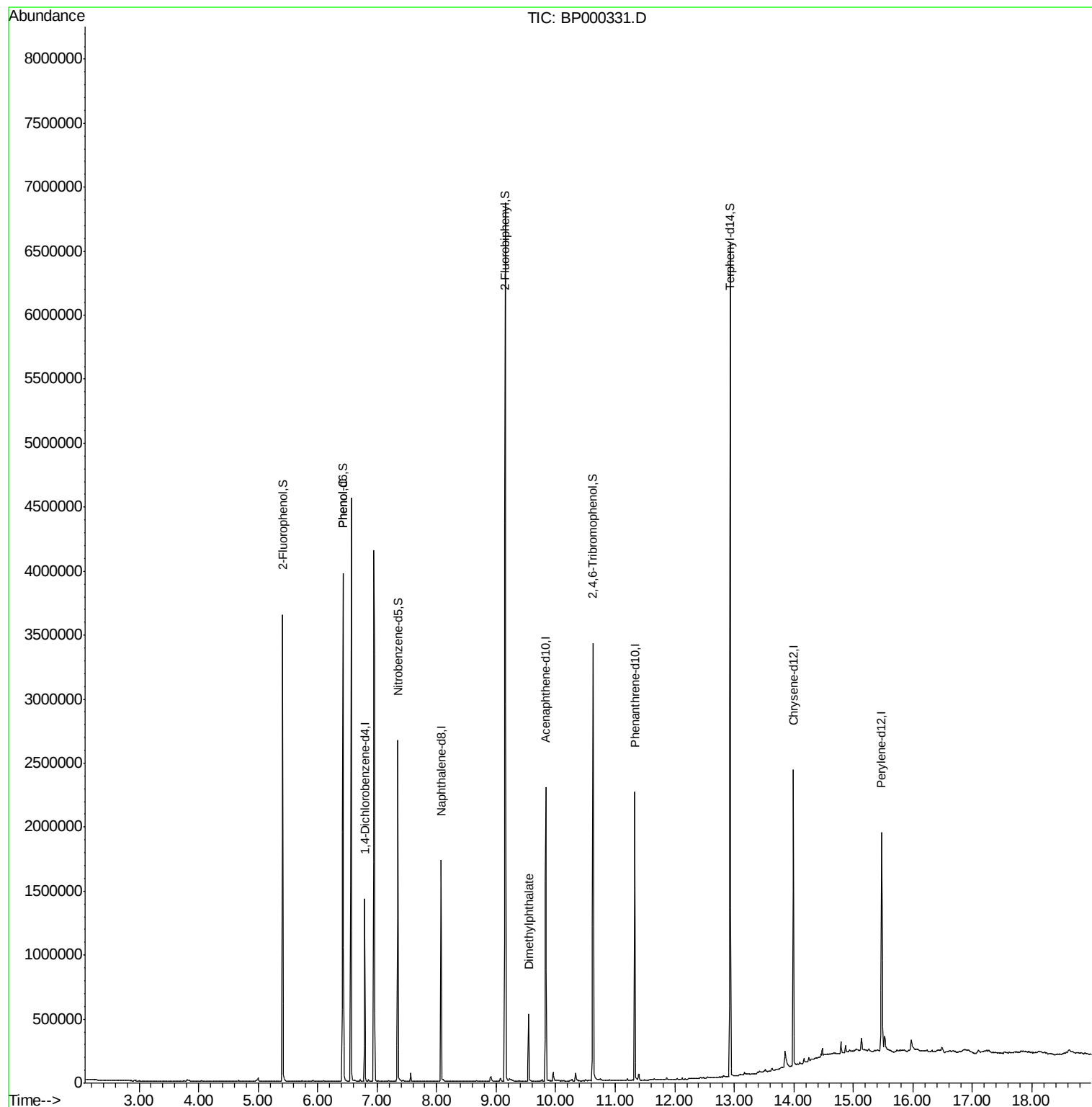
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217422	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	792213	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	431955	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	766609	20.00	ng	0.00
76) Chrysene-d12	13.99	240	698943	20.00	ng	0.00
87) Perylene-d12	15.47	264	788427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1233913	97.97	ng	0.01
7) Phenol-d6	6.43	99	1595460	103.35	ng	0.00
23) Nitrobenzene-d5	7.35	82	856071	69.72	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	478426	111.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1972994	82.21	ng	0.00
79) Terphenyl-d14	12.93	244	2351000	70.56	ng	0.00
Target Compounds						
10) Phenol	6.43	94	85422	4.870	ng	88
50) Dimethylphthalate	9.55	163	226774	7.706	ng	99

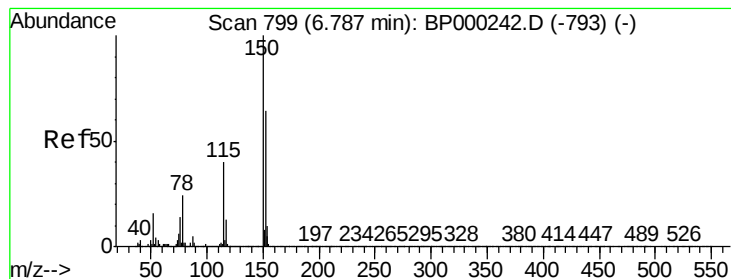
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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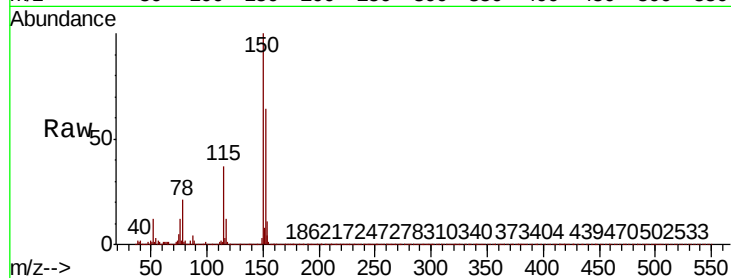


#1

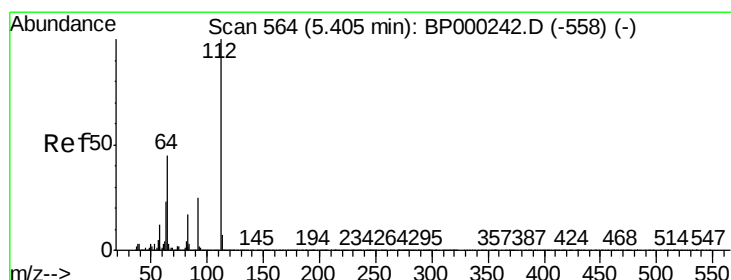
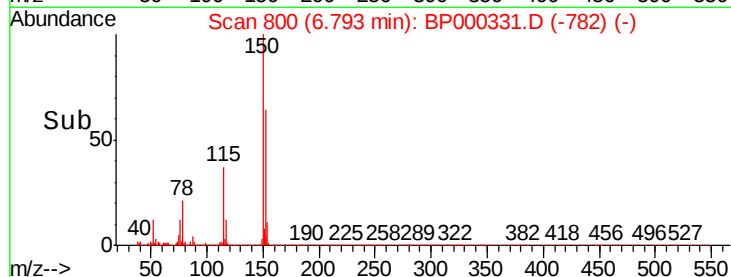
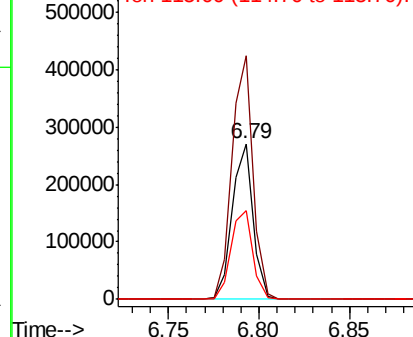
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
TH-2

Tot Ion:152 Resp: 217422
Ion Ratio Lower Upper
152 100
150 156.3 125.2 187.8
115 57.3 49.7 74.5



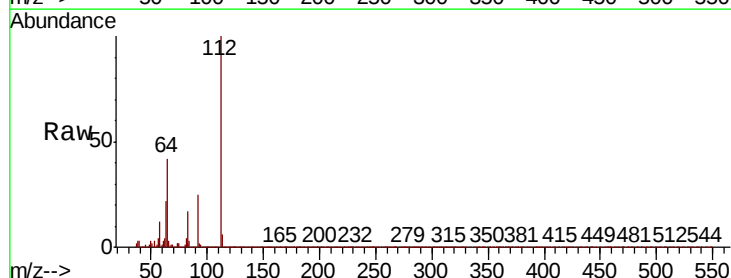
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



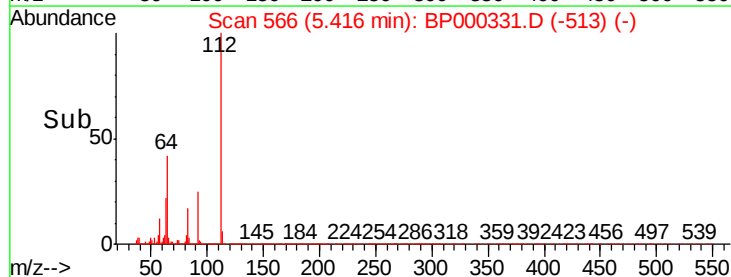
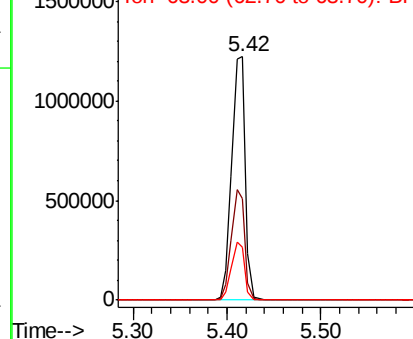
#5

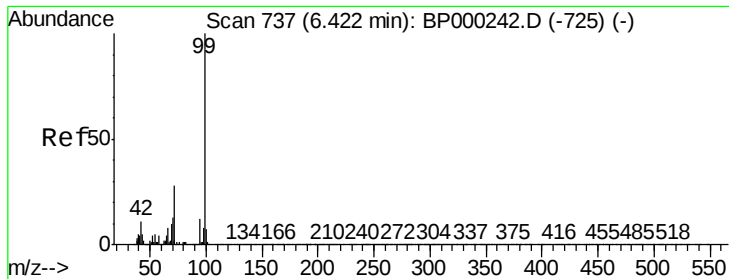
2-Fluorophenol
Concen: 97.974 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tgt Ion:112 Resp: 1233913
Ion Ratio Lower Upper
112 100
64 41.6 36.2 54.4
63 21.6 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: 103.346 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

Instrument :

BNA_P

ClientSampleId :

TH-2

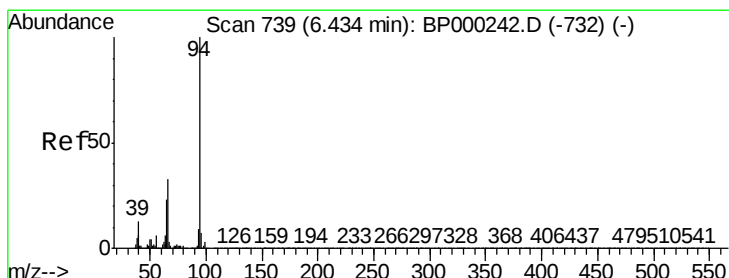
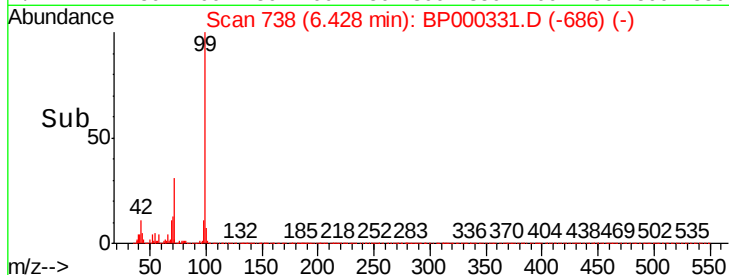
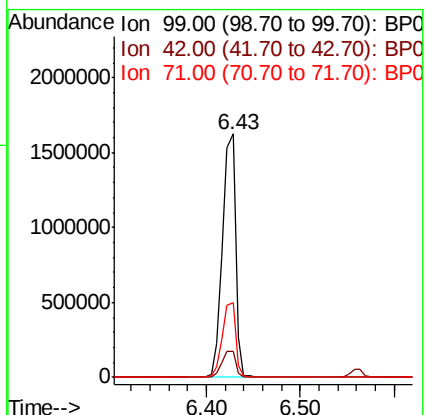
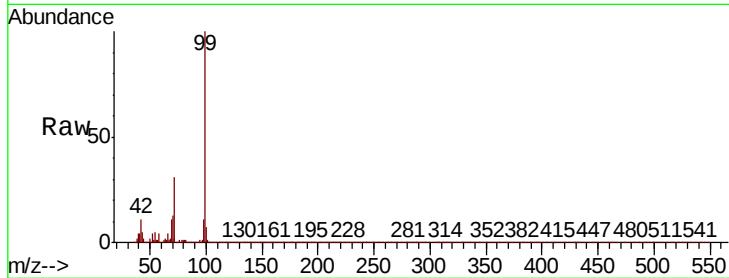
Tot Ion: 99 Resp: 1595460

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

71 30.7 22.6 34.0



#10

Phenol

Concen: 4.870 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

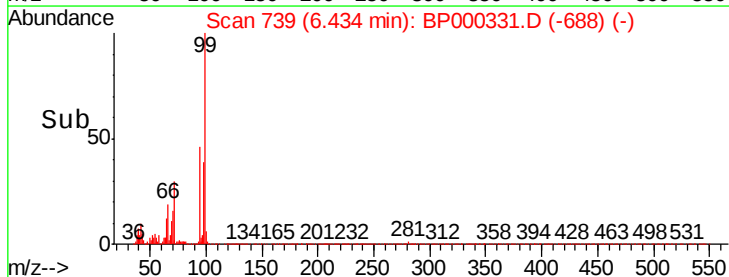
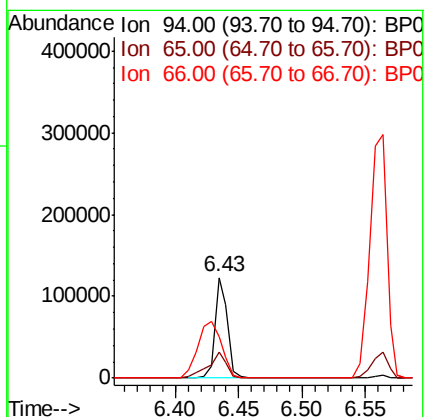
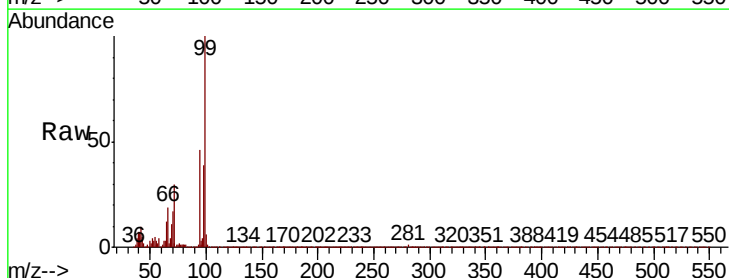
Tgt Ion: 94 Resp: 85422

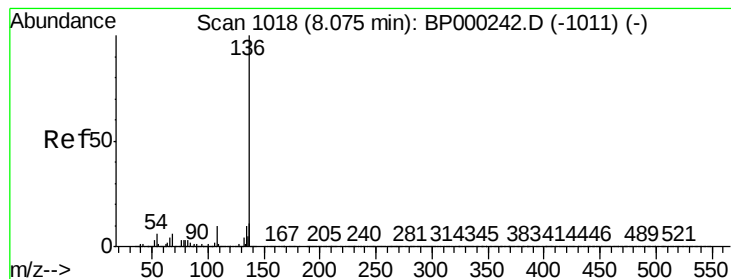
Ion Ratio Lower Upper

94 100

65 26.5 3.3 43.3

66 41.7 12.7 52.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

Instrument :

BNA_P

ClientSampleId :

TH-2

Tot Ion:136 Resp: 792213

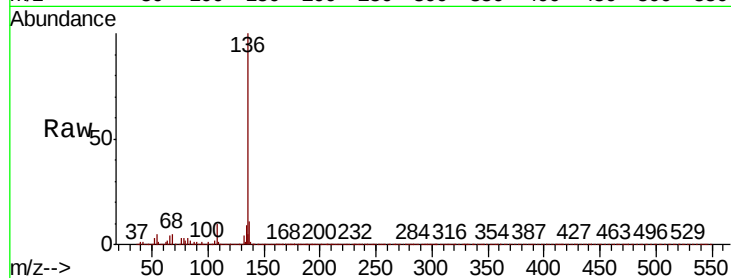
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.0 4.5 6.7

68 4.9 4.5 6.7

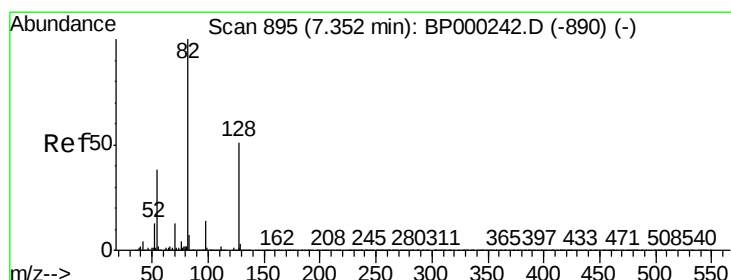
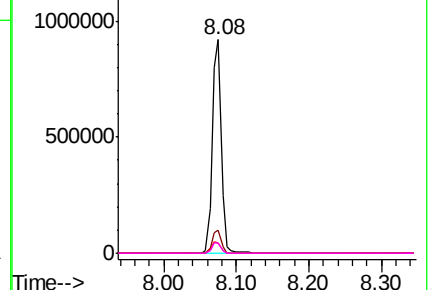
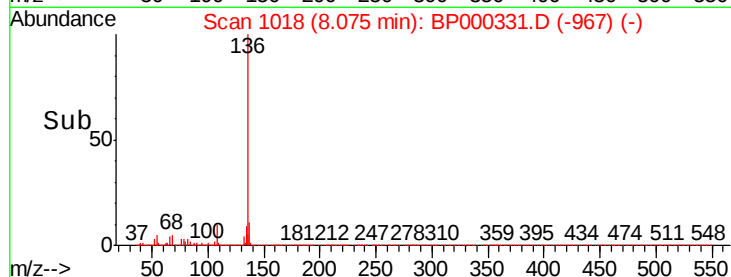


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.720 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

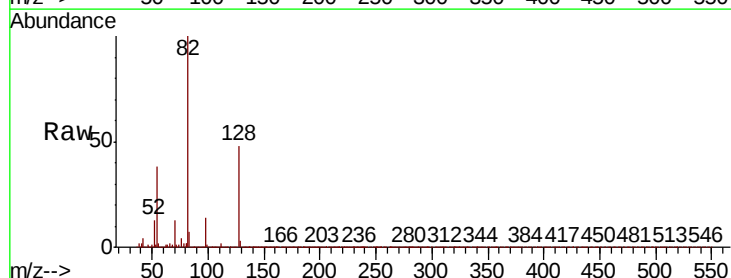
Tgt Ion: 82 Resp: 856071

Ion Ratio Lower Upper

82 100

128 47.8 40.7 61.1

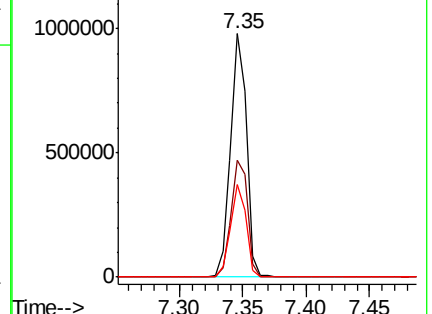
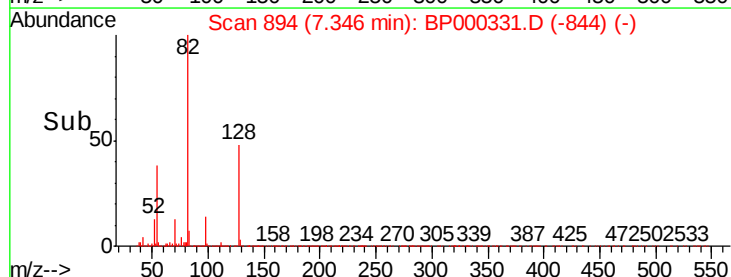
54 37.8 30.1 45.1

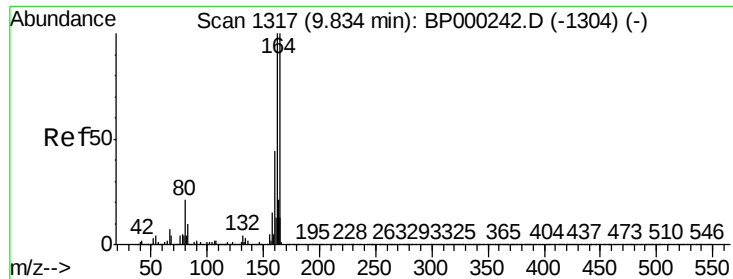


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

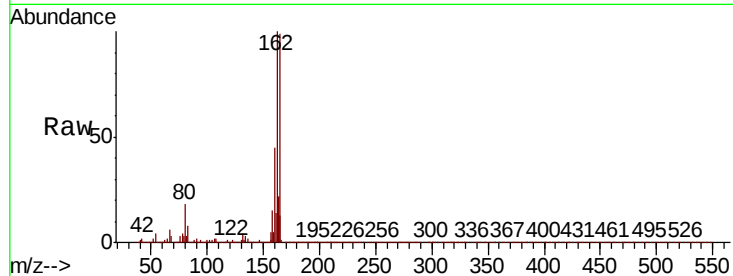




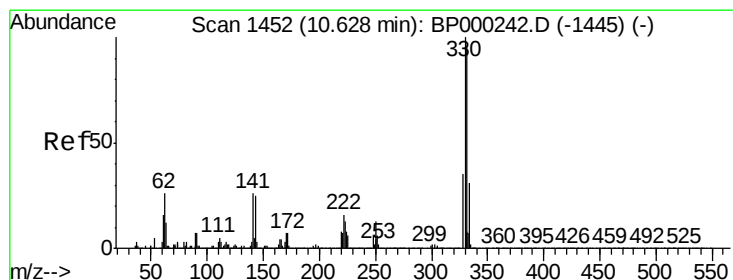
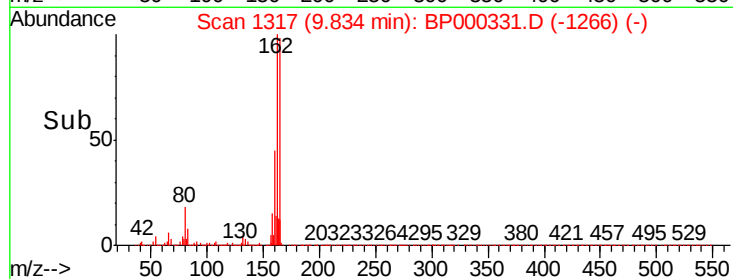
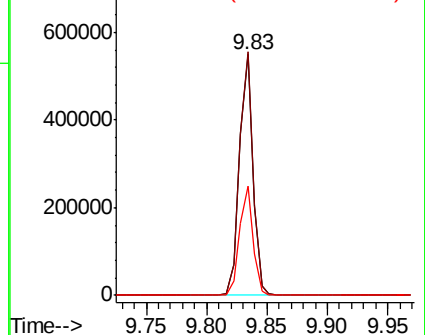
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Instrument :
BNA_P
ClientSampleId :
TH-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	45.4	35.6	53.4

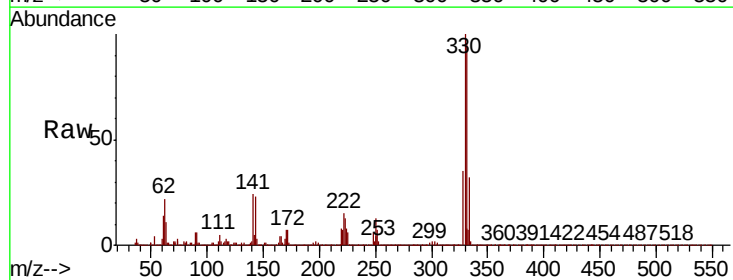


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

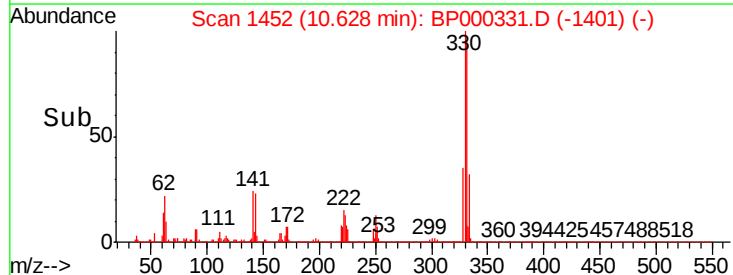
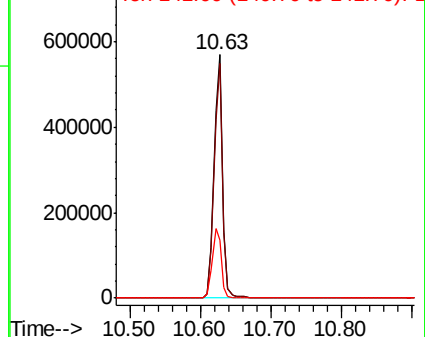


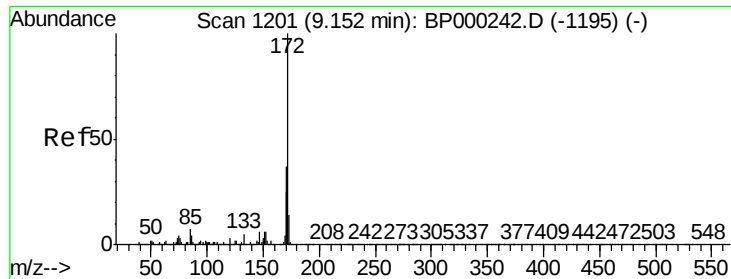
#42
2,4,6-Tribromophenol
Concen: 111.667 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	30.4	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

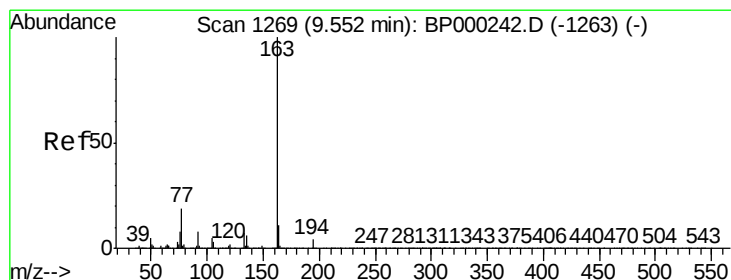
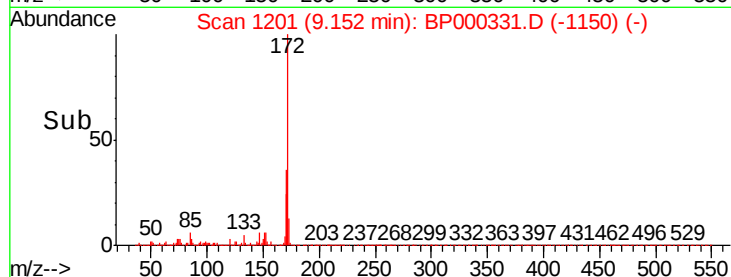
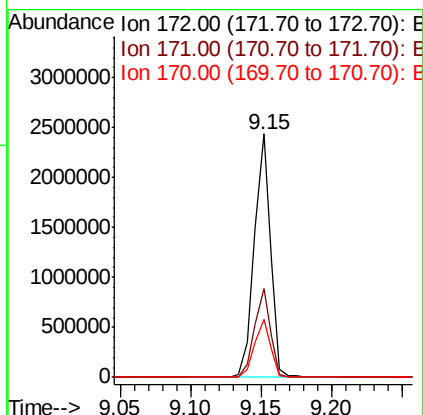
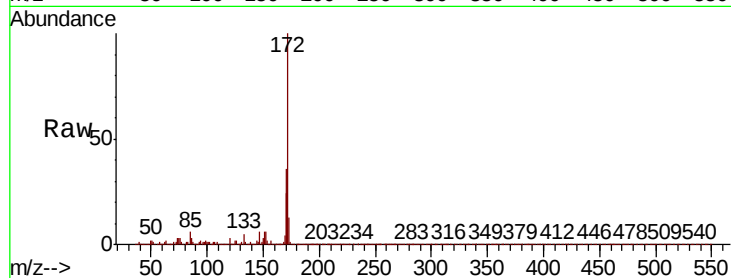




#45
2-Fluorobiphenyl
Concen: 82.208 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

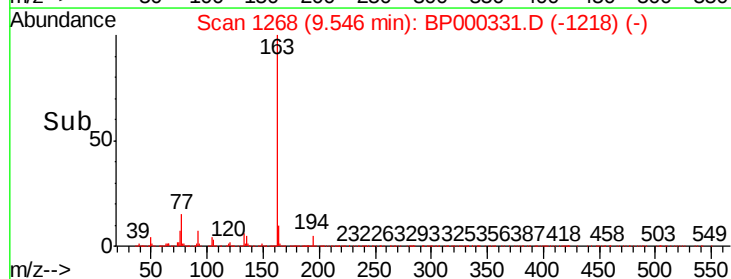
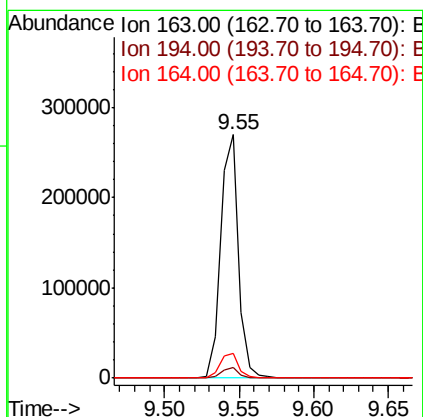
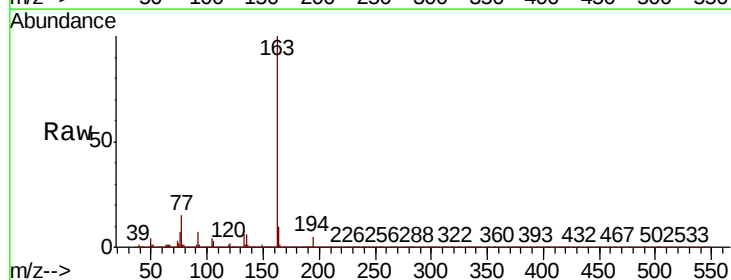
Instrument :
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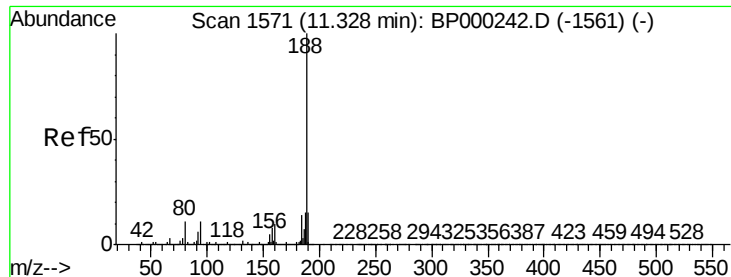
Tot Ion:172 Resp: 1972994
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 23.9 19.8 29.6



#50
Dimethylphthalate
Concen: 7.706 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000331.D
Acq: 19 Sep 2019 15:40

Tgt Ion:163 Resp: 226774
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.1 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: BP000331.D

Acq: 19 Sep 2019 15:40

Instrument :

BNA_P

ClientSampleId :

TH-2

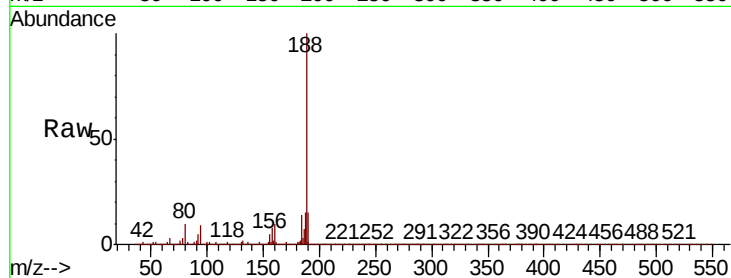
Tot Ion:188 Resp: 766609

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

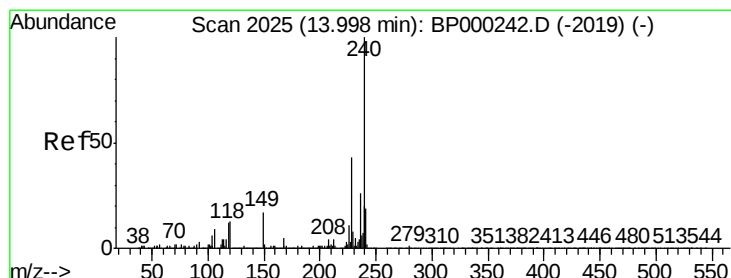
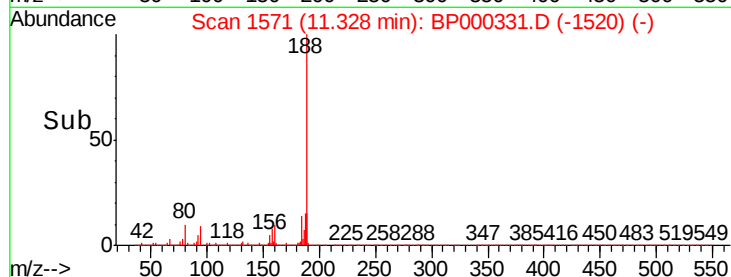
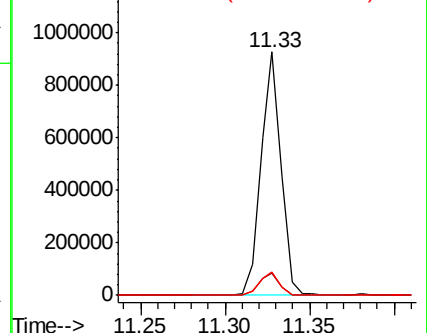
80 9.6 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

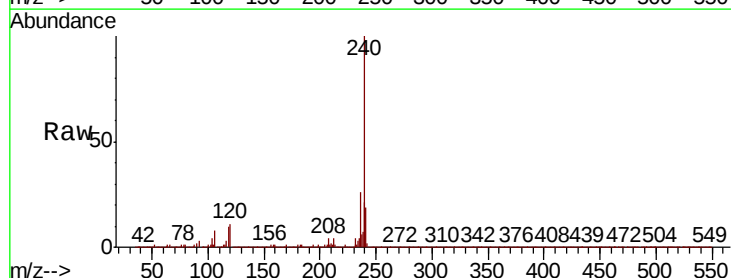
Tgt Ion:240 Resp: 698943

Ion Ratio Lower Upper

240 100

120 11.2 10.4 15.6

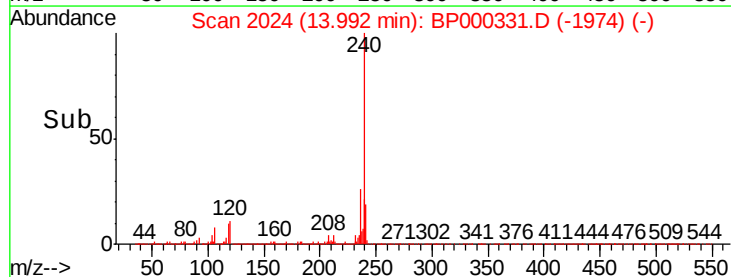
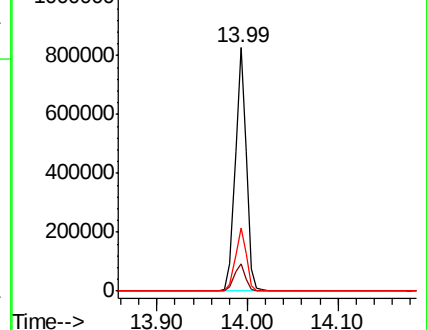
236 26.1 21.0 31.6

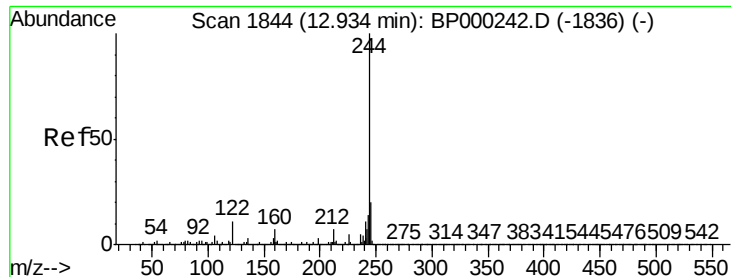


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.564 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

Instrument :

BNA_P

ClientSampleId :

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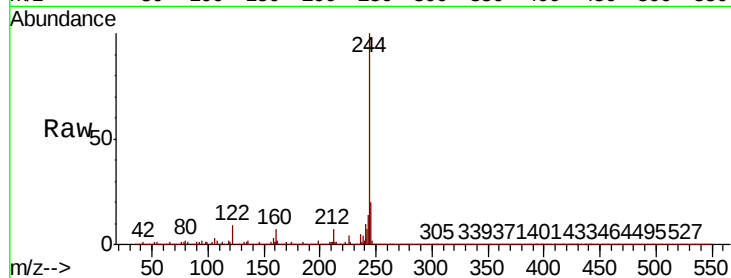
Tot Ion:244 Resp: 2351000

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

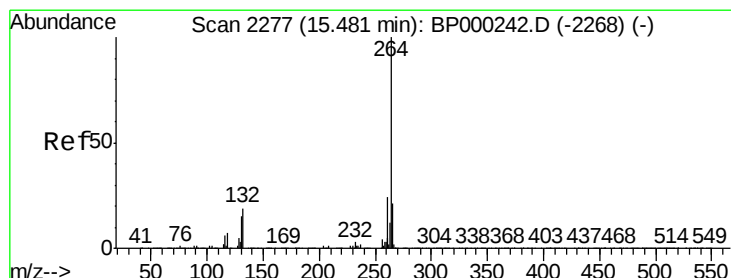
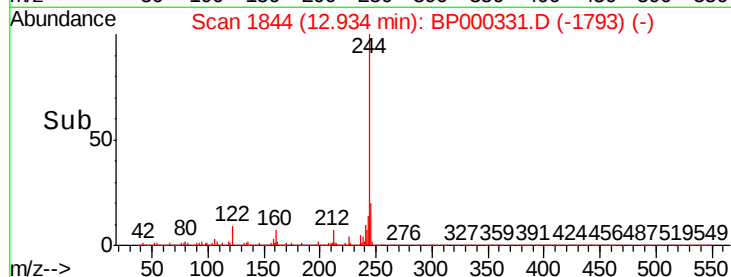
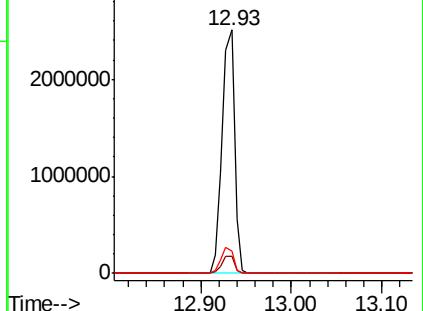
122 9.1 9.0 13.4



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# 2276

Delta R.T. -0.01 min

Lab File: BP000331.D

Acq: 19 Sep 2019 15:40

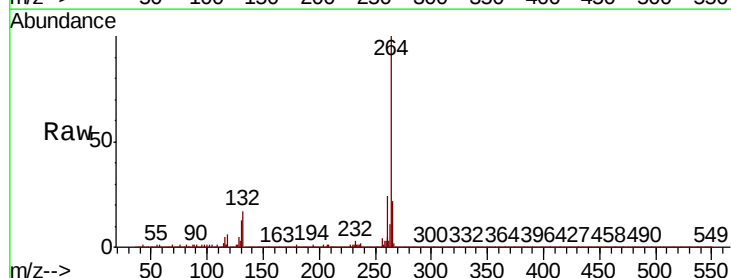
Tgt Ion:264 Resp: 788427

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.9 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

