

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095031.D
 Acq On : 19 Dec 2017 14:24
 Operator : SJ/JU
 Sample : PB105118BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105118BL

Quant Time: Dec 20 01:17:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6514	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	13847	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	6948	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	16195	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	16075	0.40	ng	-0.03
34) Perylene-d12	24.50	264	14174	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	2664	0.26	ng	-0.01
5) Phenol-d6	7.59	99	3825	0.25	ng	0.00
8) Nitrobenzene-d5	9.65	82	3930	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	6357	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	16.52	330	325	0.20	ng	-0.01
15) 2-Fluorobiphenyl	13.68	172	9741	0.32	ng	-0.02
25) Fluoranthene-d10	19.72	212	57734	0.27	ng	-0.03
29) Terphenyl-d14	20.28	244	10937	0.36	ng	-0.03

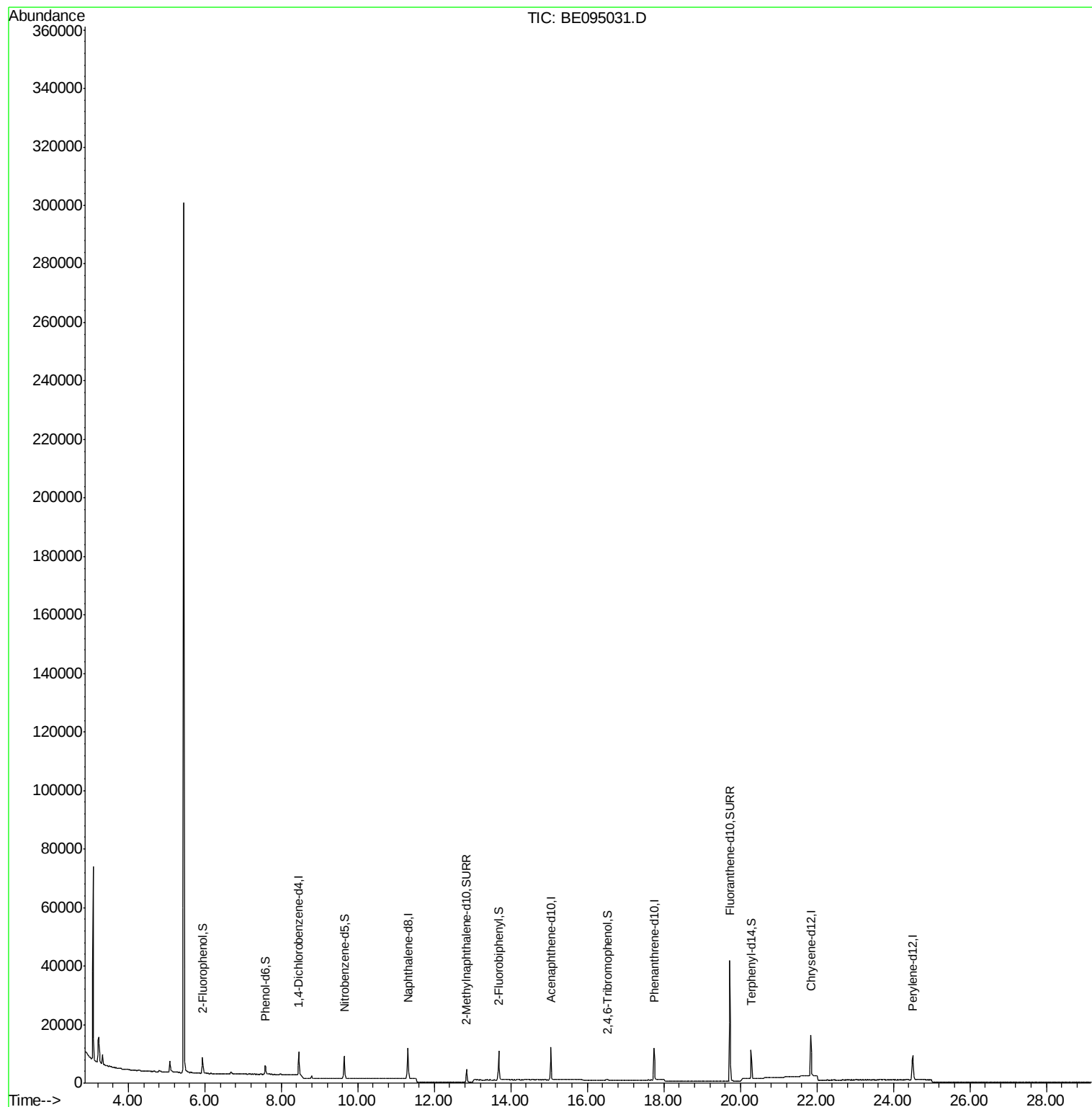
Target Compounds	Qvalue
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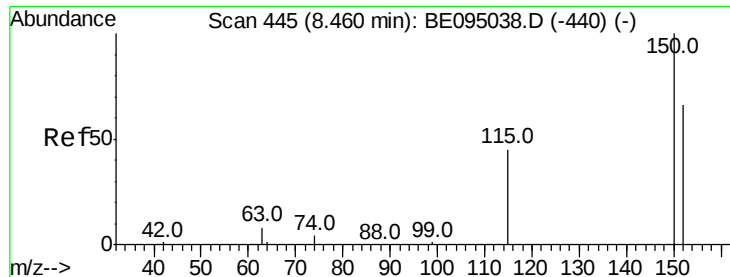
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

Instrument :

BNA_E

ClientSampleId :

PB105118BL

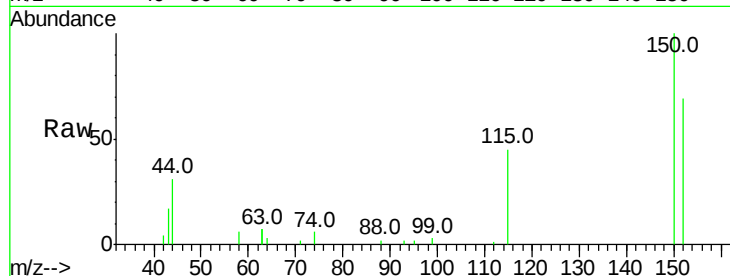
Tot Ion:152 Resp: 6514

Ion Ratio Lower Upper

152 100

150 144.1 117.2 175.8

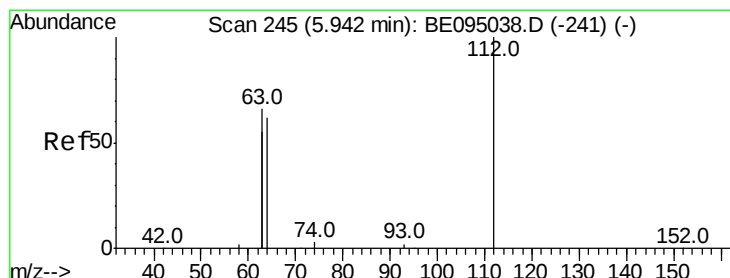
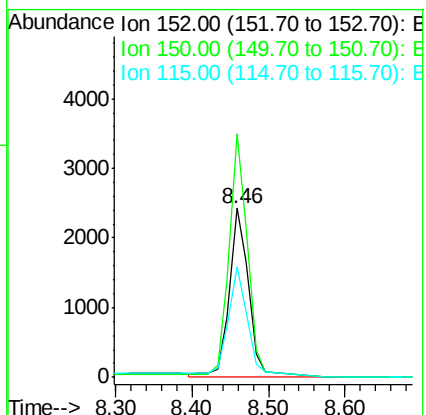
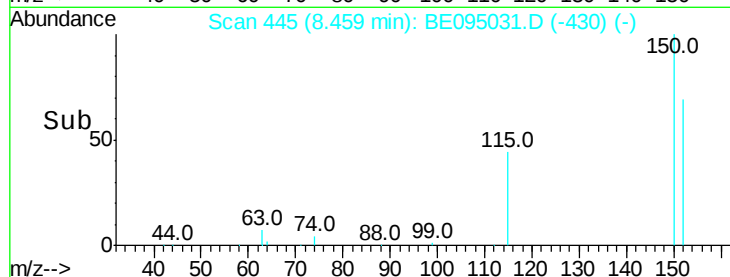
115 65.3 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.263 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

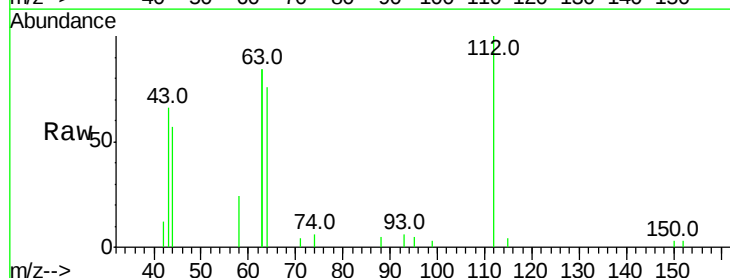
Tgt Ion:112 Resp: 2664

Ion Ratio Lower Upper

112 100

64 73.9 60.1 90.1

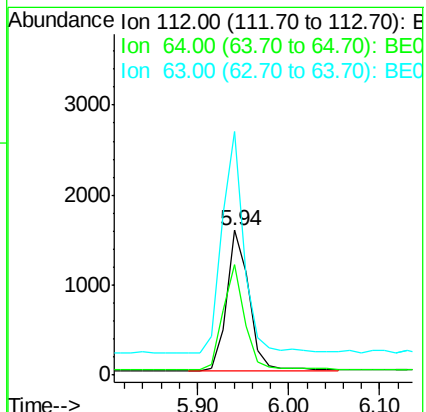
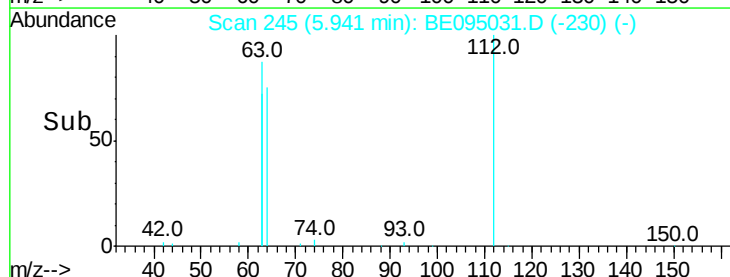
63 153.7 116.8 175.2

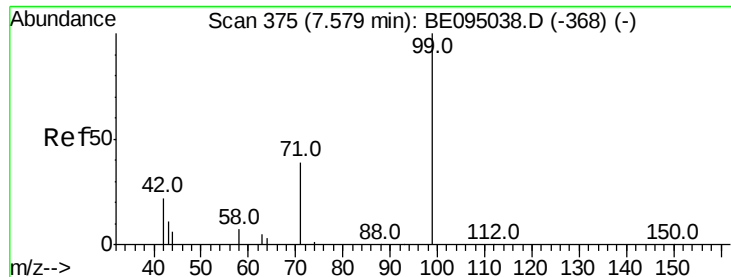


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.254 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

Instrument :

BNA_E

ClientSampleId :

PB105118BL

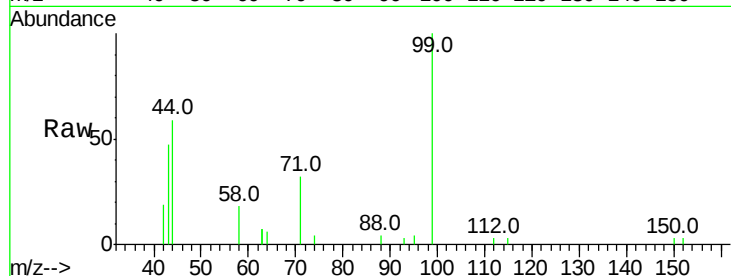
Tot Ion: 99 Resp: 3825

Ion Ratio Lower Upper

99 100

42 22.8 20.2 30.2

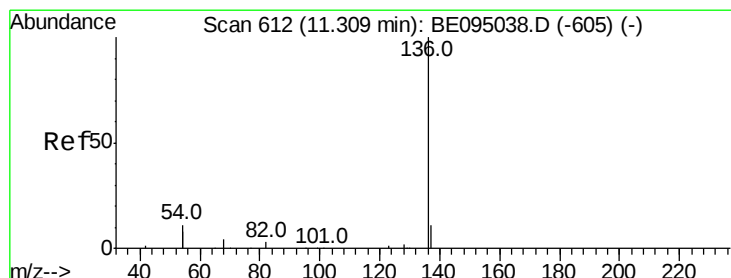
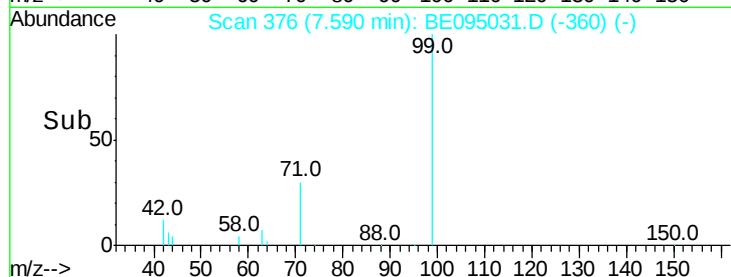
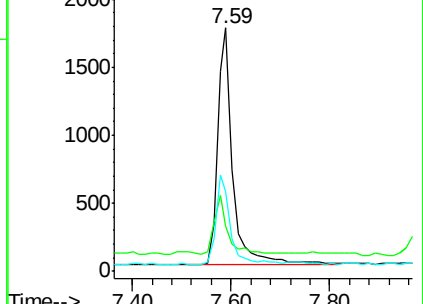
71 37.2 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

Tgt Ion: 136 Resp: 13847

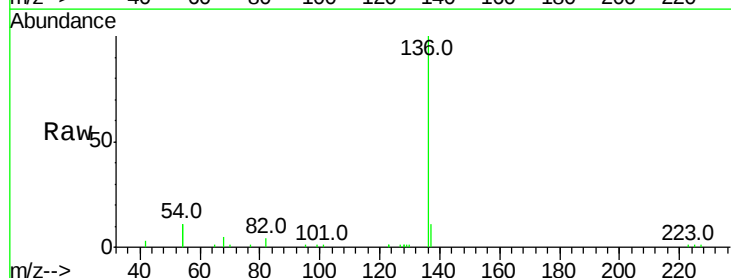
Ion Ratio Lower Upper

136 100

137 10.8 9.5 14.3

54 22.0 29.1 43.7#

68 5.0 6.2 9.2#

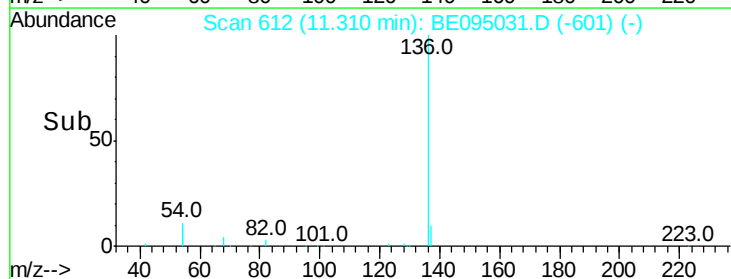
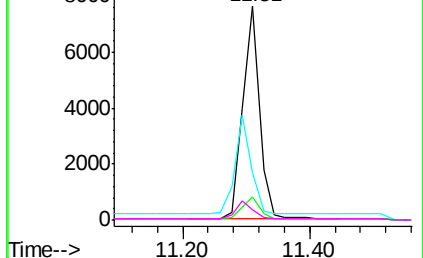


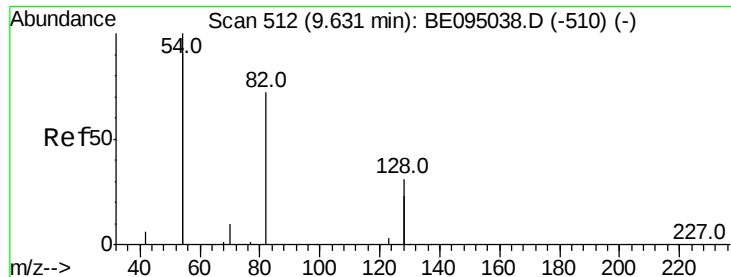
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

Instrument :

BNA_E

ClientSampleId :

PB105118BL

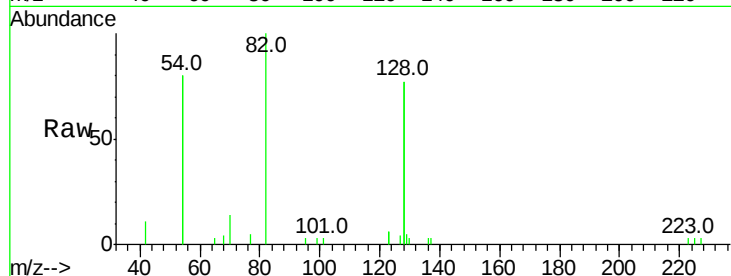
Tot Ion: 82 Resp: 3930

Ion Ratio Lower Upper

82 100

128 154.8 150.0 225.0

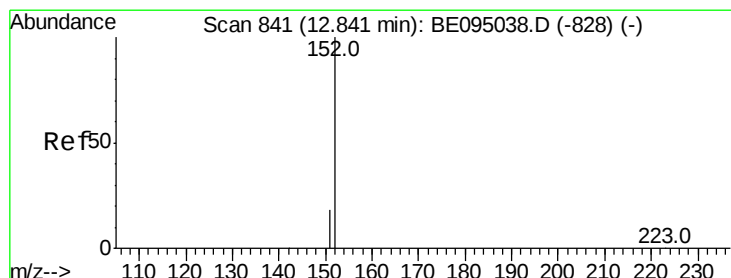
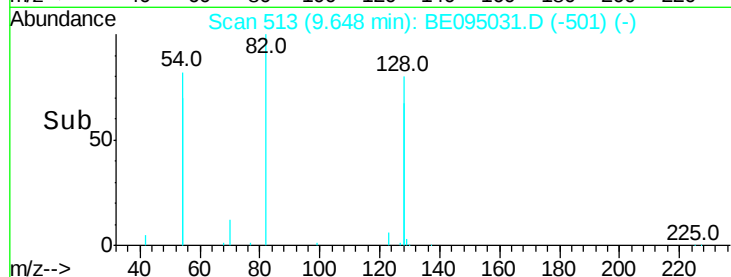
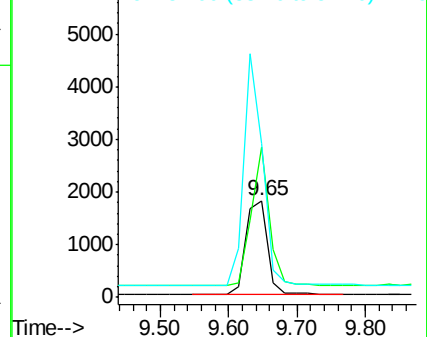
54 159.2 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.280 ng

RT: 12.85 min Scan# 842

Delta R.T. -0.02 min

Lab File: BE095031.D

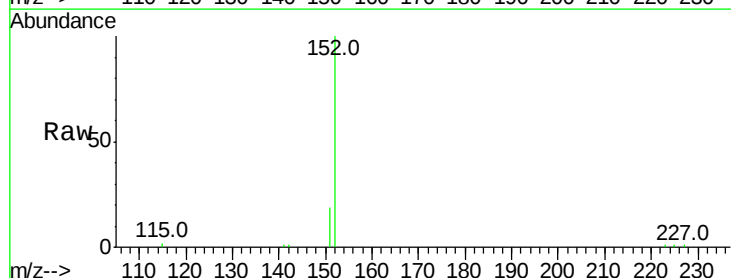
Acq: 19 Dec 2017 14:24

Tgt Ion: 152 Resp: 6357

Ion Ratio Lower Upper

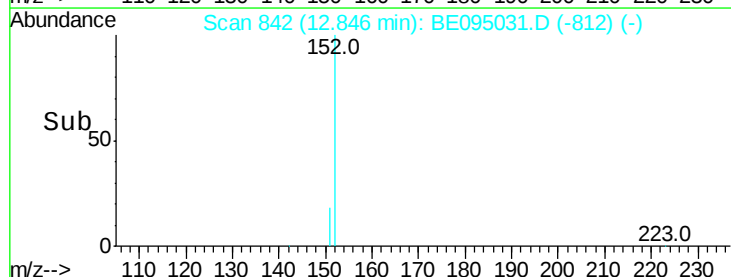
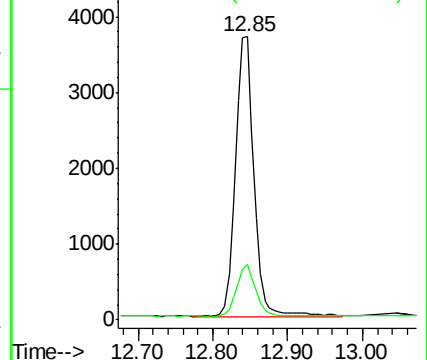
152 100

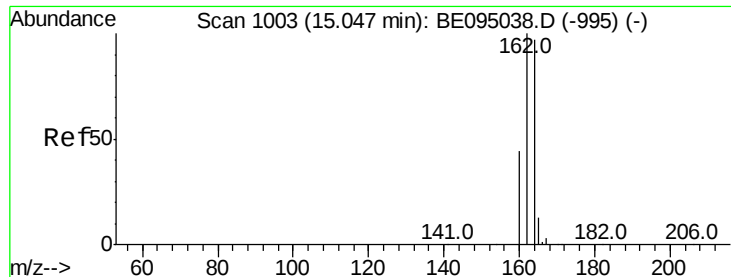
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.05 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

Instrument :

BNA_E

ClientSampleId :

PB105118BL

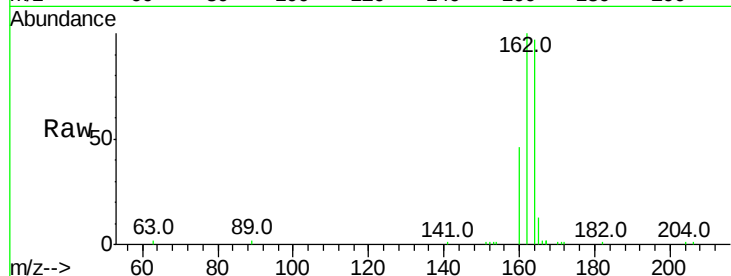
Tot Ion:164 Resp: 6948

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

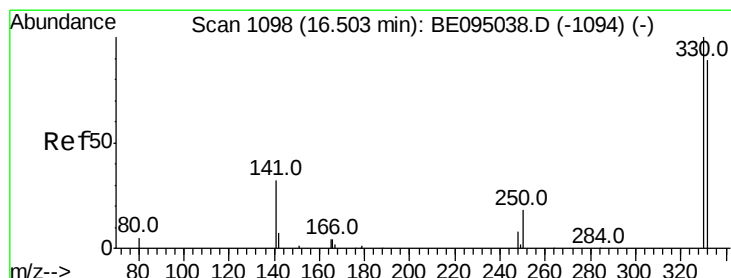
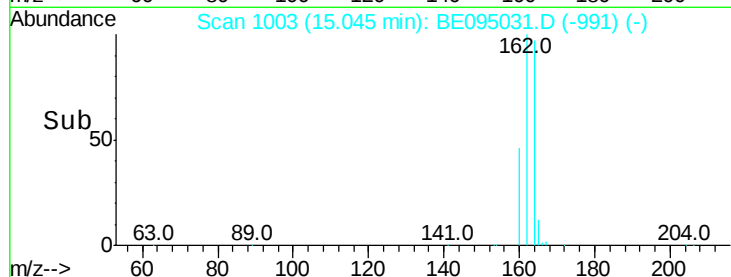
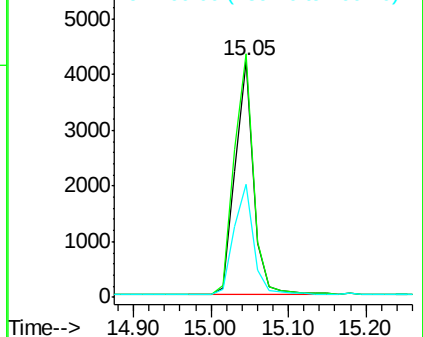
160 47.8 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.201 ng

RT: 16.52 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

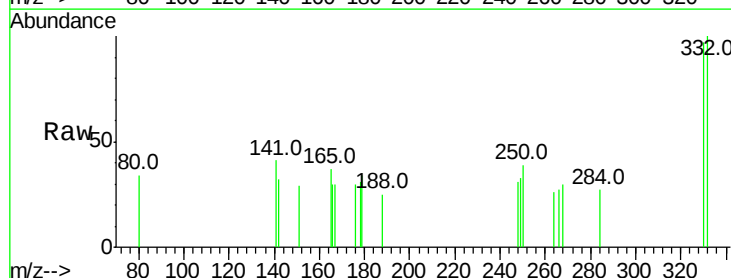
Tgt Ion:330 Resp: 325

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

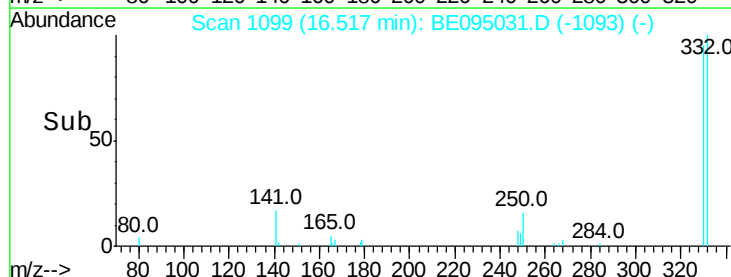
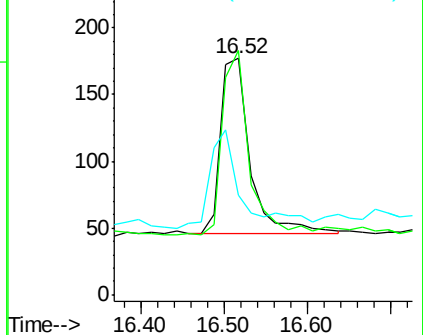
141 51.7 33.7 50.5#

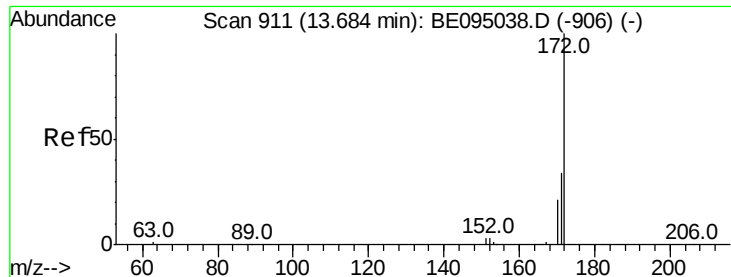


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

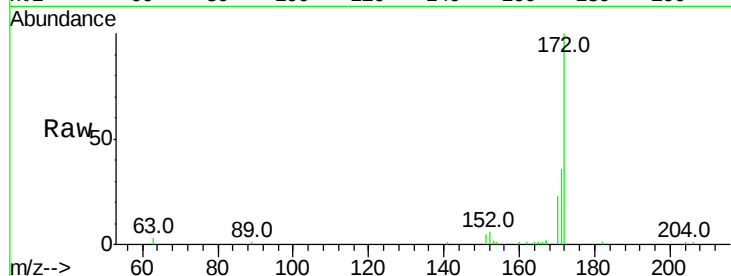




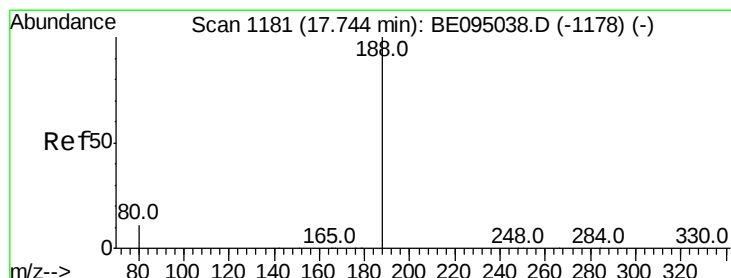
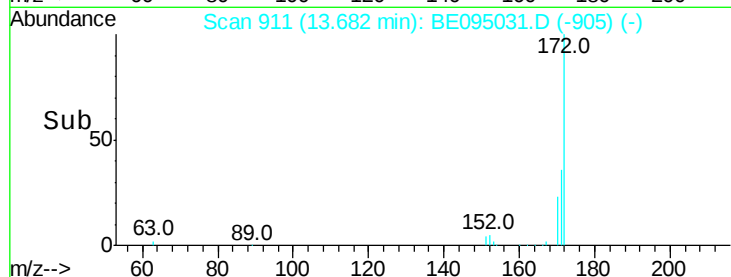
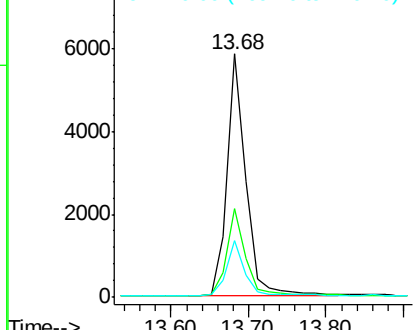
#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095031.D
Acq: 19 Dec 2017 14:24

Instrument :
BNA_E
ClientSampleId :
PB105118BL

Tot Ion:172 Resp: 9741
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.4 21.8 32.8

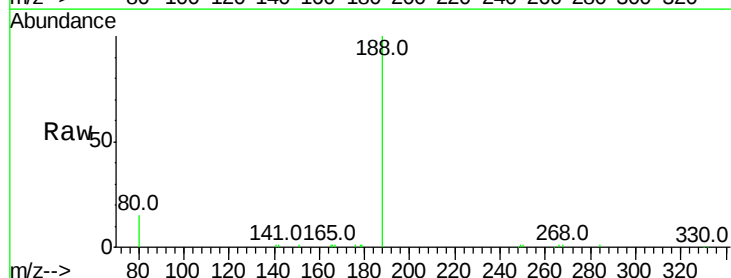


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

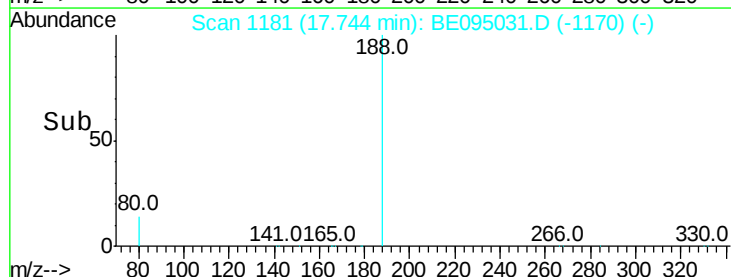
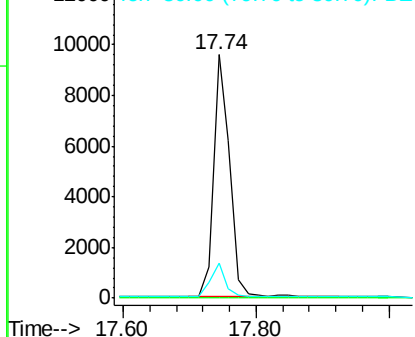


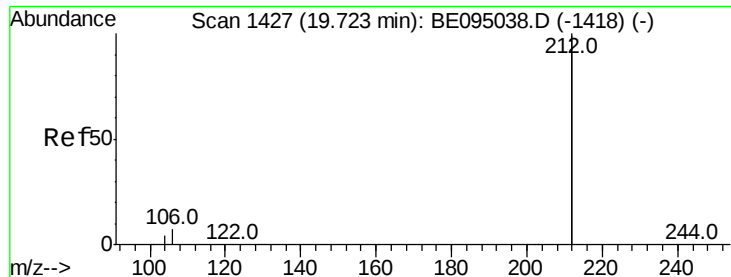
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095031.D
Acq: 19 Dec 2017 14:24

Tgt Ion:188 Resp: 16195
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.6 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

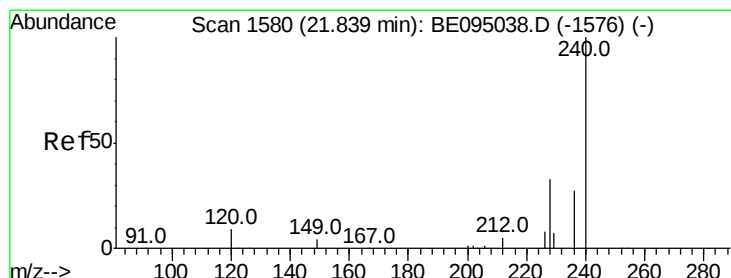
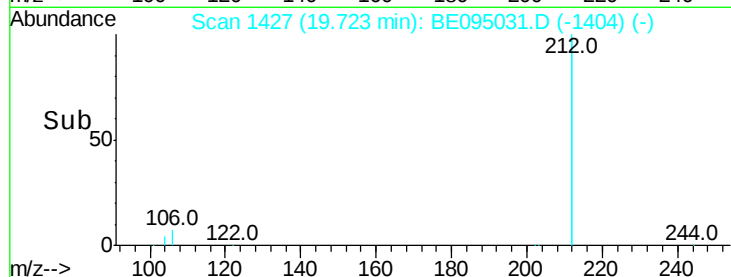
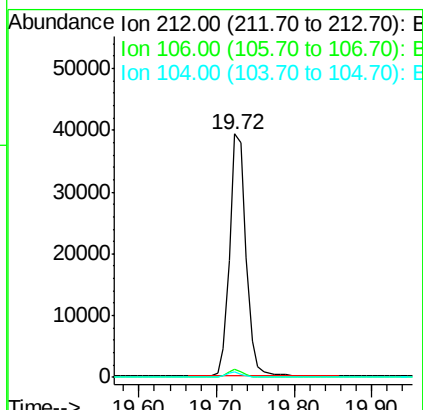
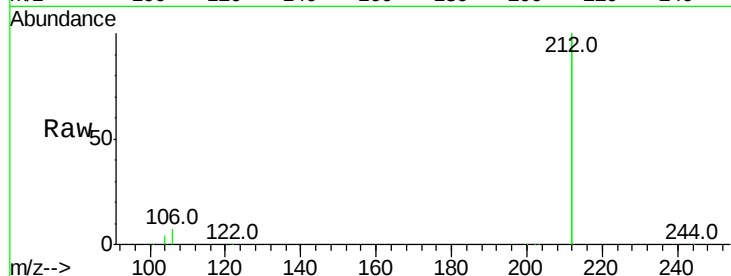




#25
 Fluoranthene-d10
 Concen: 0.275 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095031.D
 Acq: 19 Dec 2017 14:24

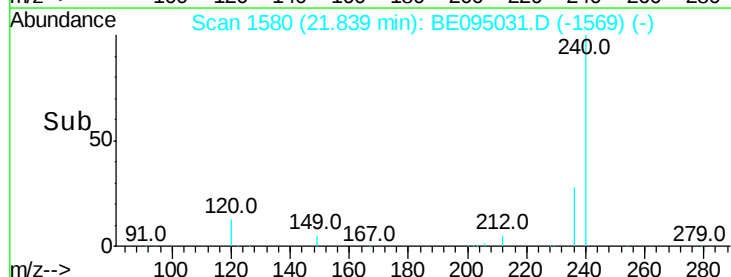
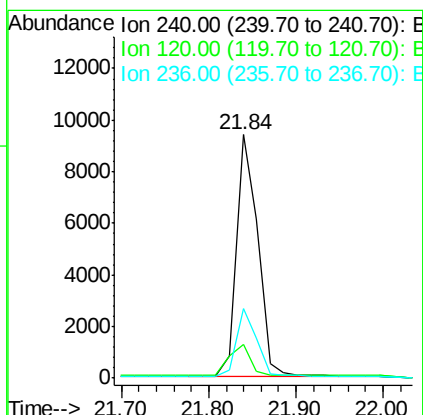
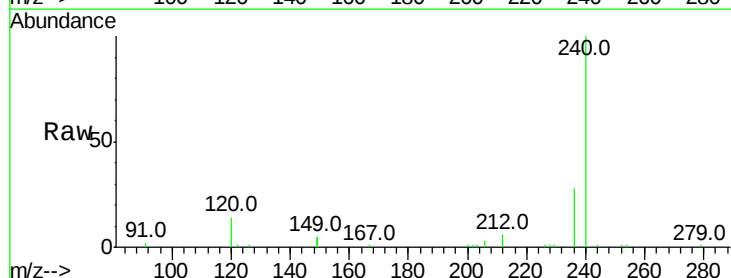
Instrument :
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 PB105118BL

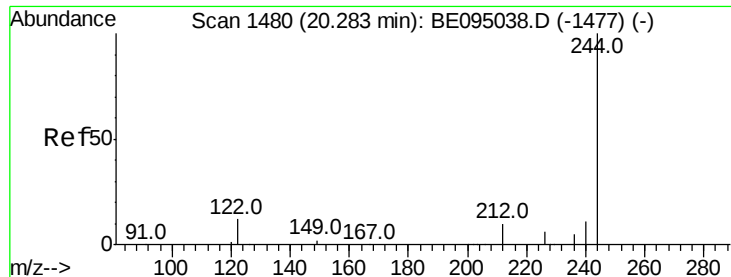
Tot Ion:212 Resp: 57734
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.8 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095031.D
 Acq: 19 Dec 2017 14:24

Tgt Ion:240 Resp: 16075
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.5 8.3#
 236 28.4 20.7 31.1





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

Instrument :

BNA_E

ClientSampleId :

PB105118BL

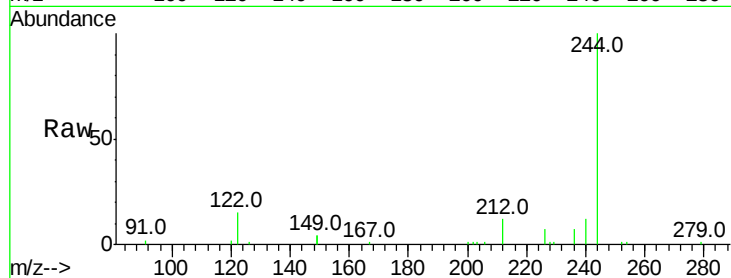
Tot Ion:244 Resp: 10937

Ion Ratio Lower Upper

244 100

212 12.3 25.4 38.0#

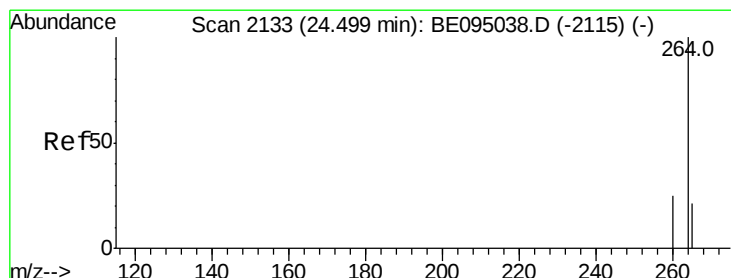
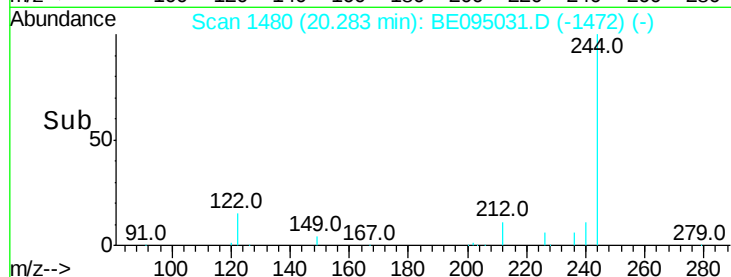
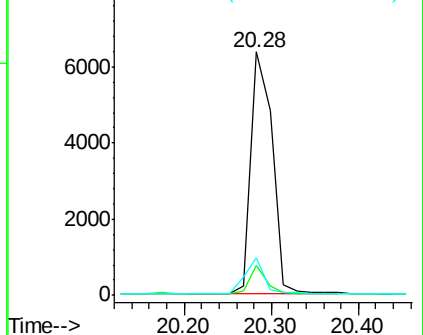
122 15.5 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.50 min Scan# 2134

Delta R.T. -0.05 min

Lab File: BE095031.D

Acq: 19 Dec 2017 14:24

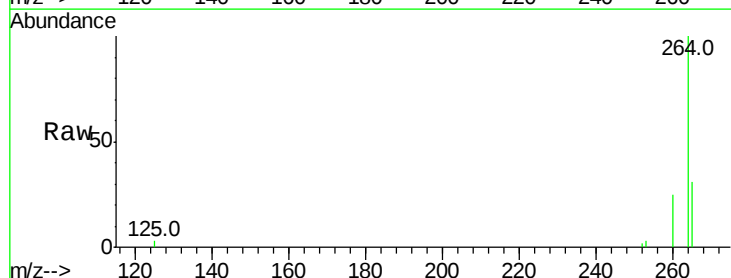
Tgt Ion:264 Resp: 14174

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 31.4 22.8 34.2



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

