

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099457.D
 Acq On : 1 May 2019 10:53
 Operator : JU/SJ
 Sample : PB119270BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119270BL

Quant Time: May 02 07:47:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1985	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	7196	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5288	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	16878	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24151	0.40	ng	0.00
34) Perylene-d12	23.86	264	28042	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1868	0.34	ng	0.00
5) Phenol-d6	6.97	99	2516	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	1953	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	3901	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1016	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5946	0.29	ng	-0.01
25) Fluoranthene-d10	19.22	212	74583	0.33	ng	0.00
29) Terphenyl-d14	19.81	244	16246	0.37	ng	0.00

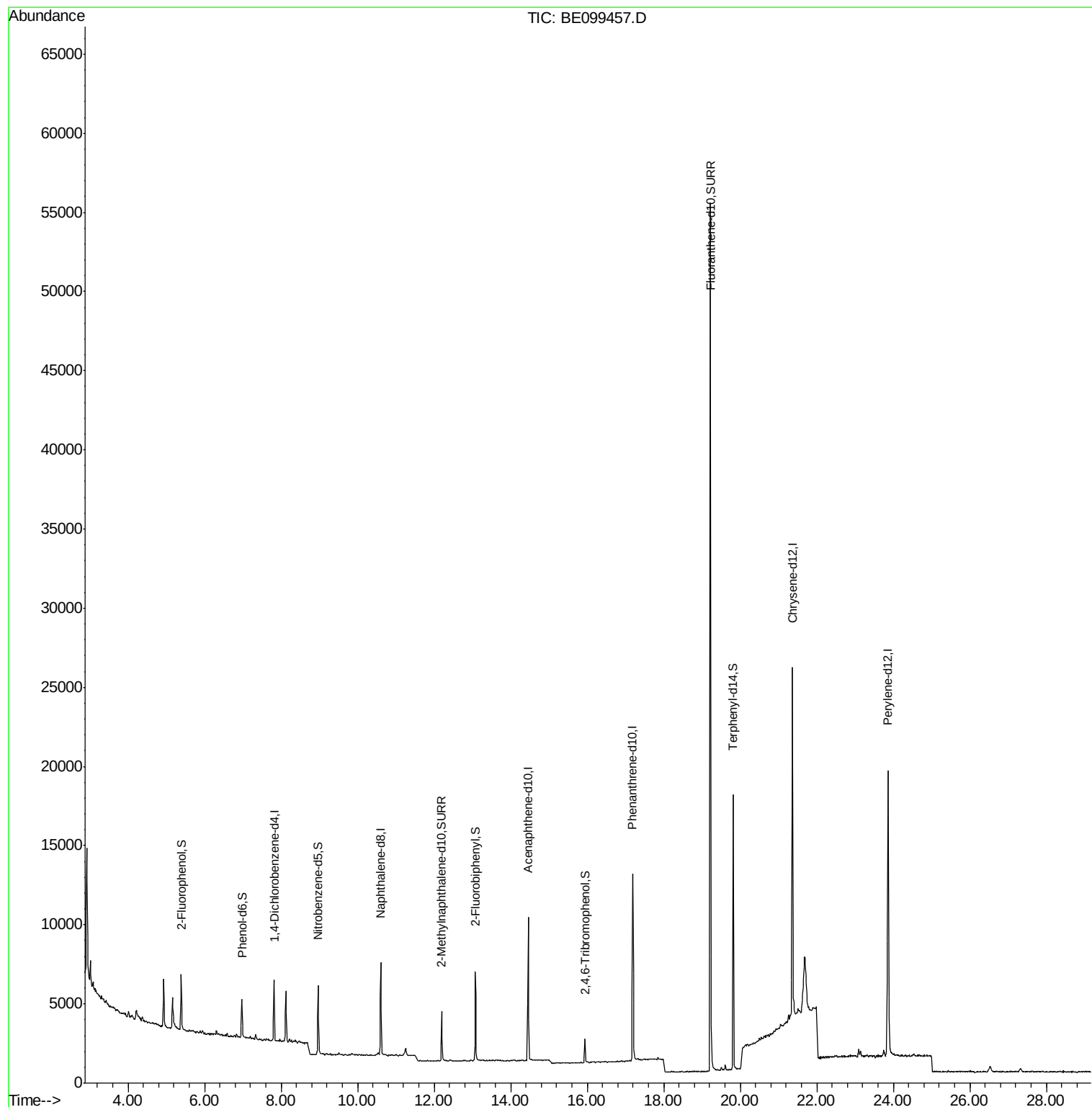
Target Compounds	Qvalue
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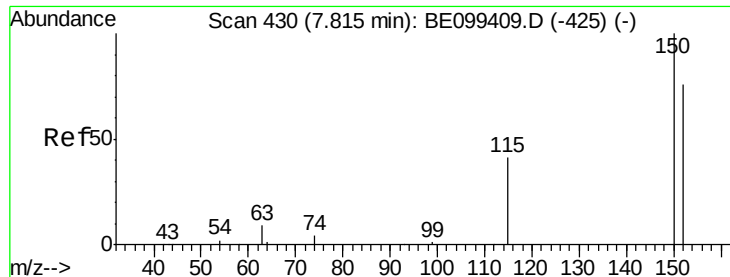
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

Instrument :

BNA_E

ClientSampleId :

PB119270BL

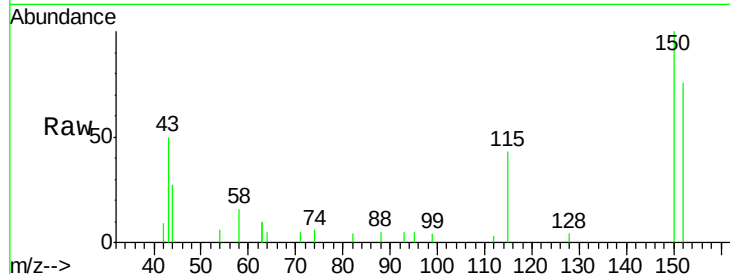
Tgt Ion:152 Resp: 1985

Ion Ratio Lower Upper

152 100

150 131.0 104.8 157.2

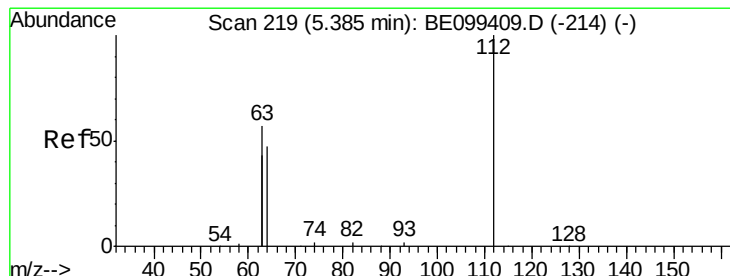
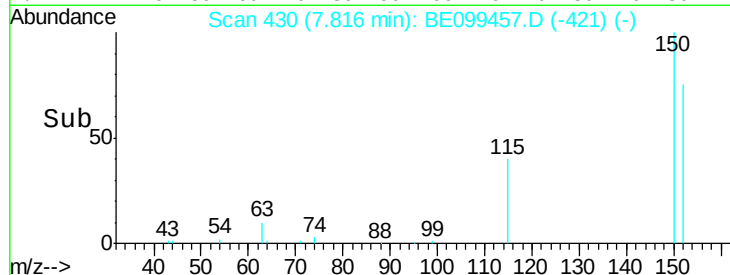
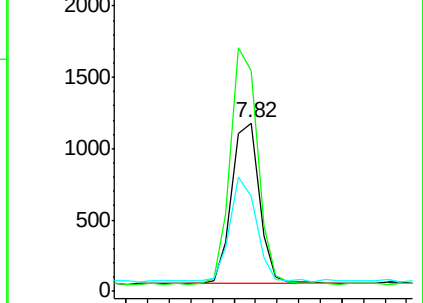
115 56.3 46.6 69.8



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: 0.340 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

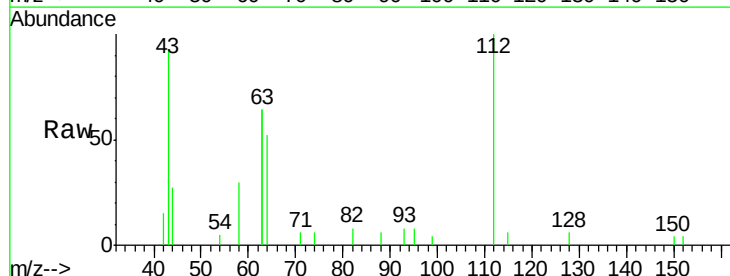
Tgt Ion:112 Resp: 1868

Ion Ratio Lower Upper

112 100

64 52.6 47.4 71.0

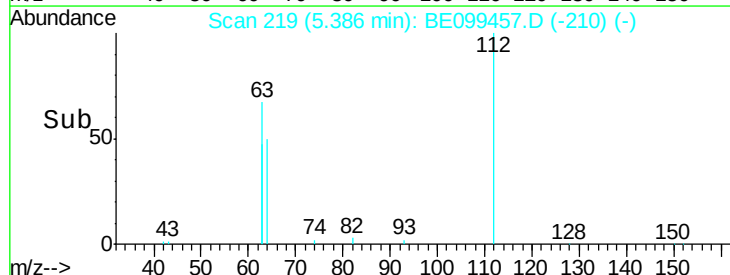
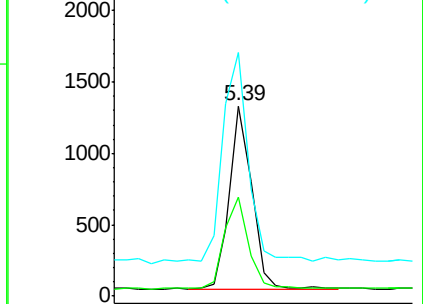
63 135.2 104.3 156.5

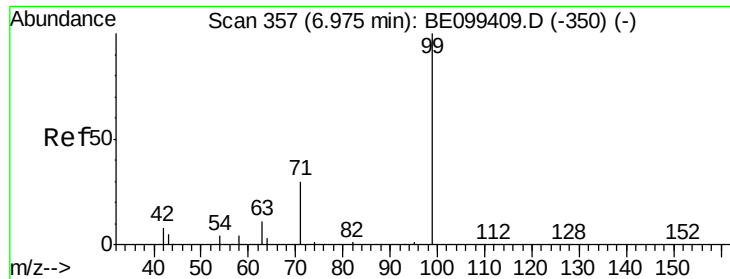


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

Instrument :

BNA_E

ClientSampleId :

PB119270BL

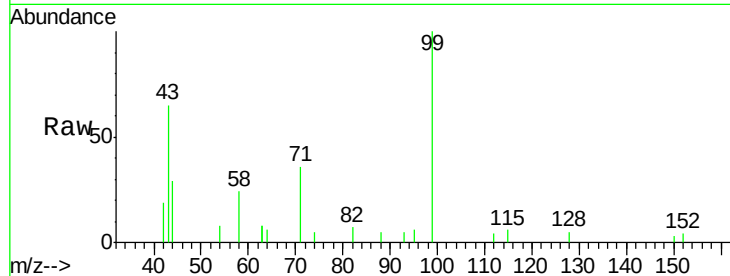
Tgt Ion: 99 Resp: 2516

Ion Ratio Lower Upper

99 100

42 15.2 14.9 22.3

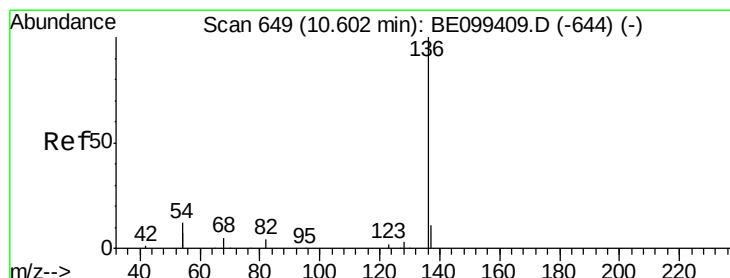
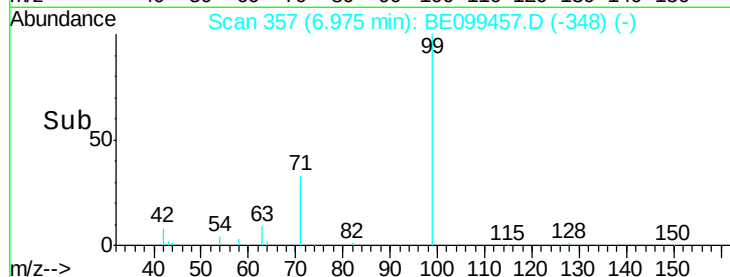
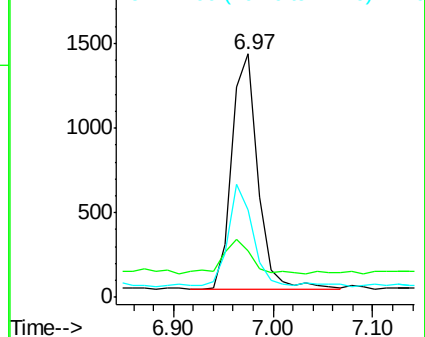
71 40.4 33.0 49.6



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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

Tgt Ion: 136 Resp: 7196

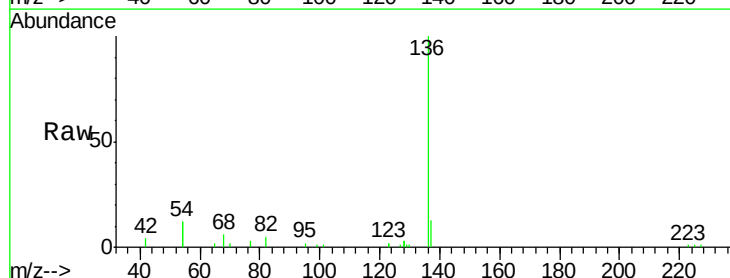
Ion Ratio Lower Upper

136 100

137 12.8 9.8 14.8

54 23.7 18.5 27.7

68 5.8 4.7 7.1

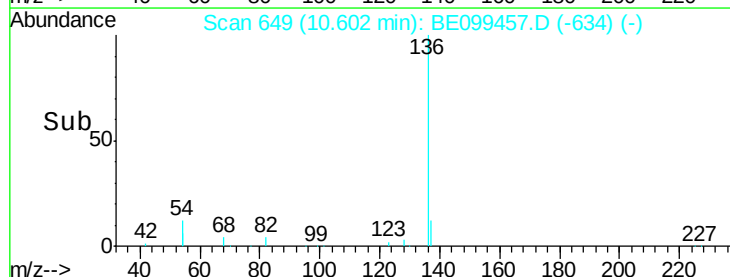
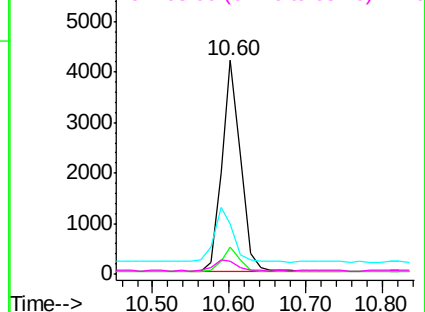


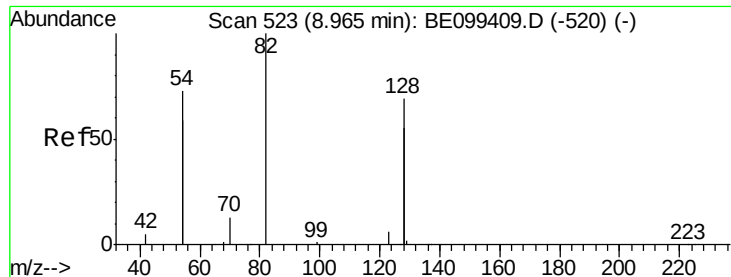
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.290 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

Instrument :

BNA_E

ClientSampleId :

PB119270BL

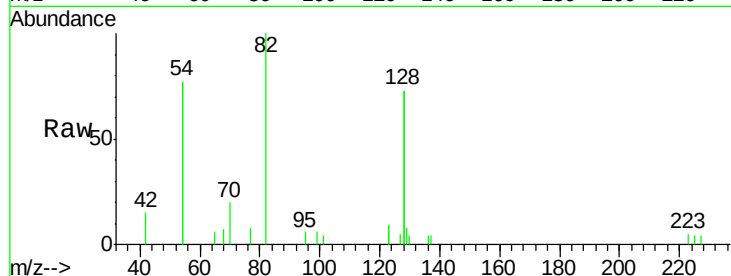
Tgt Ion: 82 Resp: 1953

Ion Ratio Lower Upper

82 100

128 146.1 107.0 160.4

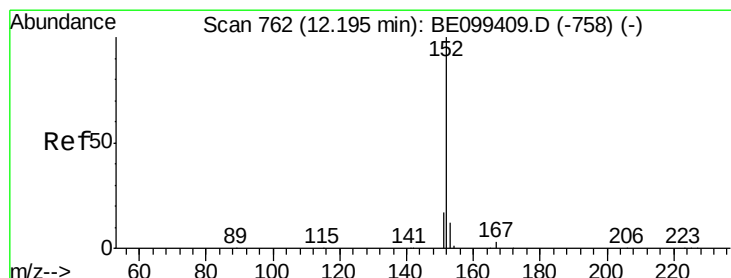
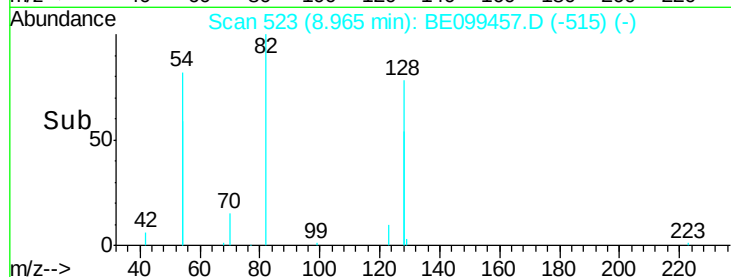
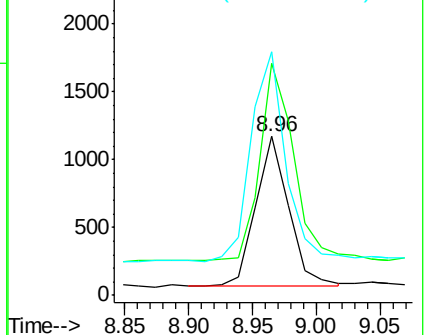
54 153.5 113.1 169.7



Abundance Ion 82.00 (81.70 to 82.70): BE099457.D (-515) (-)

Ion 128.00 (127.70 to 128.70): BE099457.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BE099457.D (-515) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.301 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099457.D

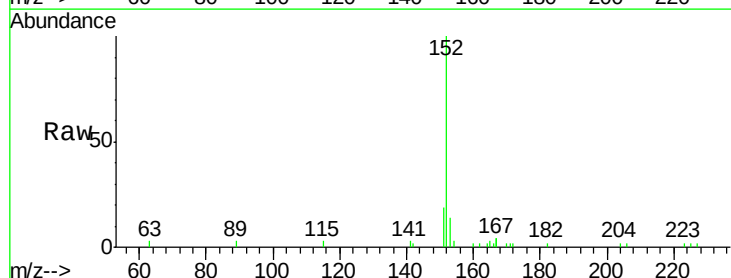
Acq: 1 May 2019 10:53

Tgt Ion: 152 Resp: 3901

Ion Ratio Lower Upper

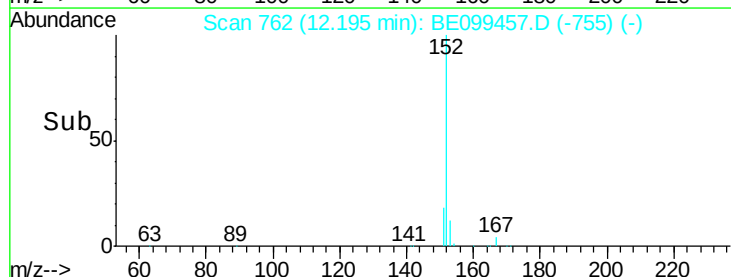
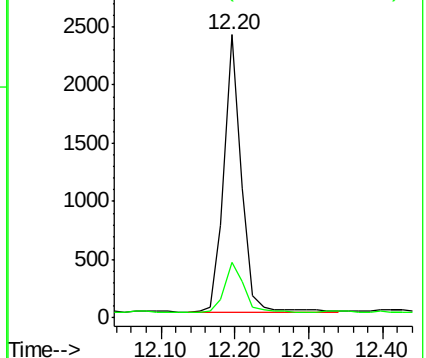
152 100

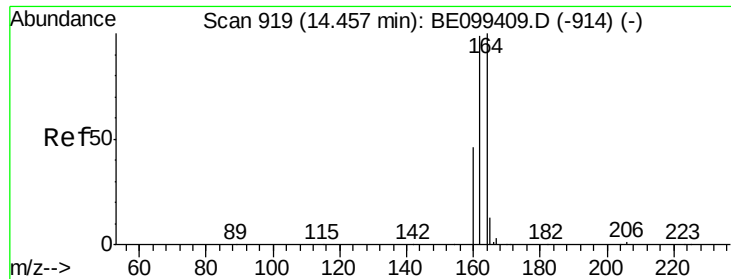
151 19.9 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BE099457.D (-755) (-)

Ion 151.00 (150.70 to 151.70): BE099457.D (-755) (-)

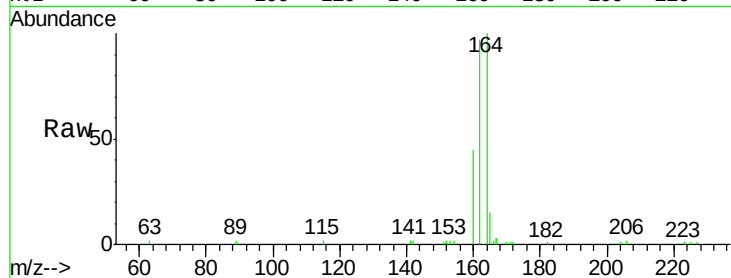




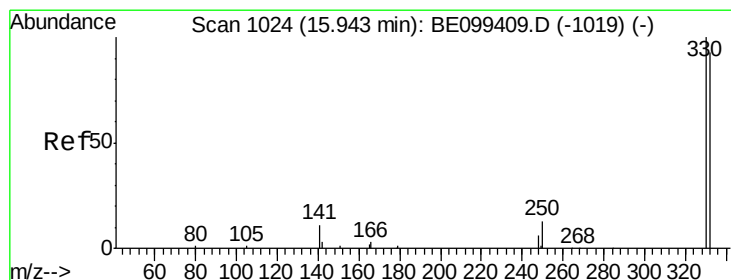
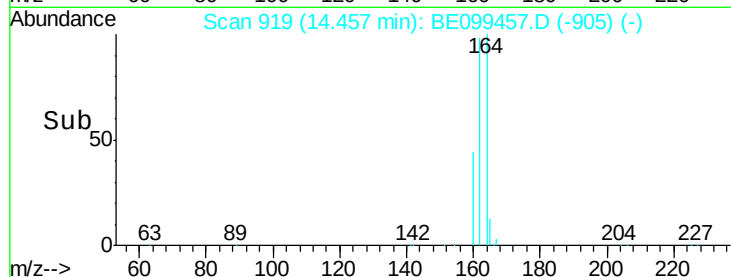
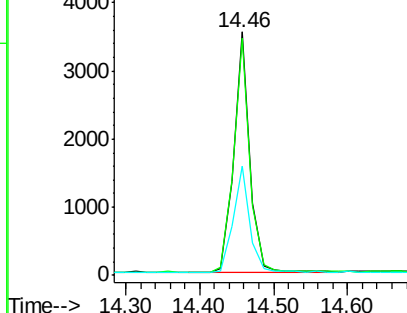
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Tgt Ion:164 Resp: 5288
Ion Ratio Lower Upper
164 100
162 97.5 79.0 118.4
160 44.8 37.0 55.4

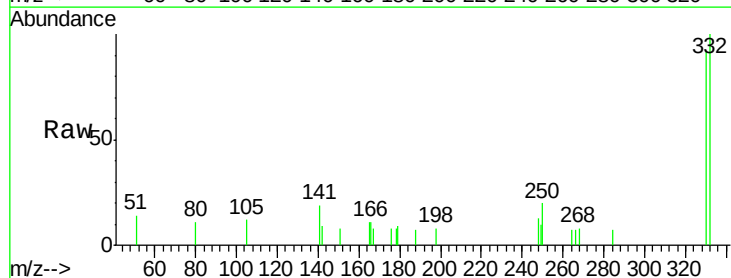


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

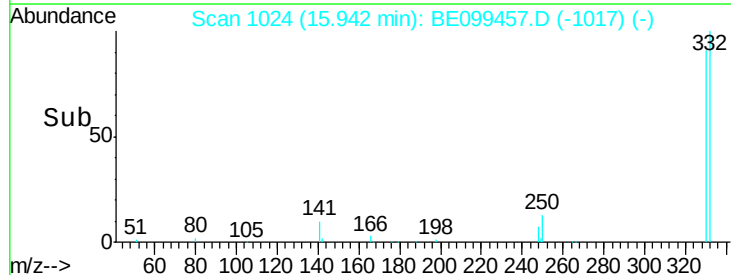
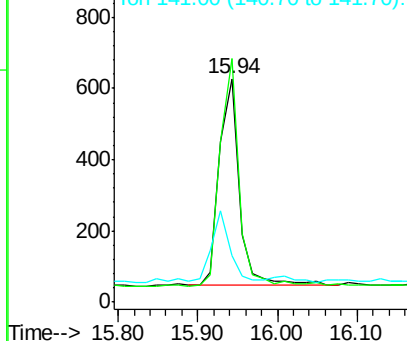


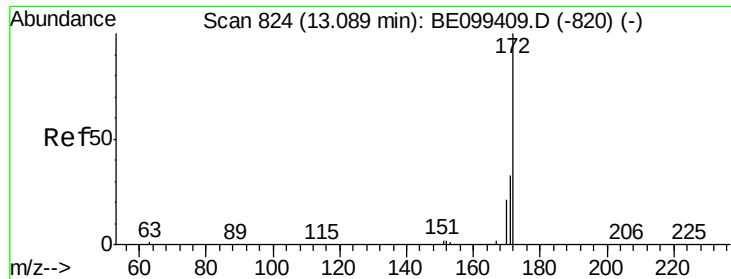
#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099457.D
Acq: 1 May 2019 10:53

Tgt Ion:330 Resp: 1016
Ion Ratio Lower Upper
330 100
332 105.4 71.5 107.3
141 31.1 24.0 36.0



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

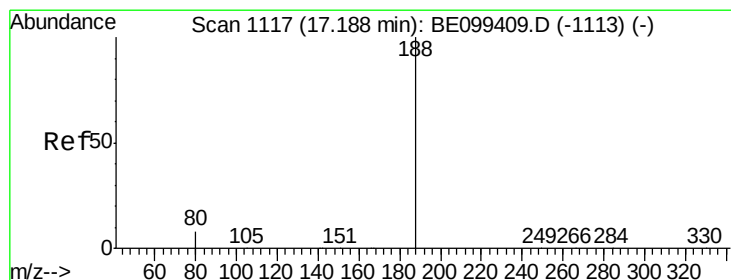
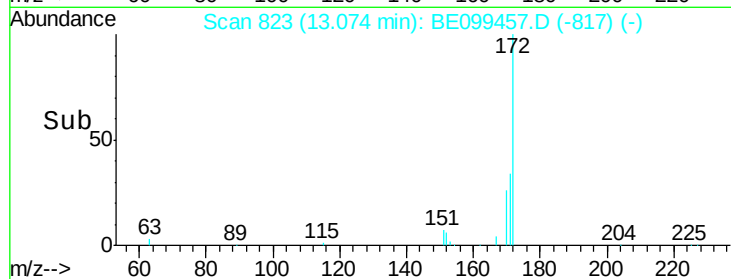
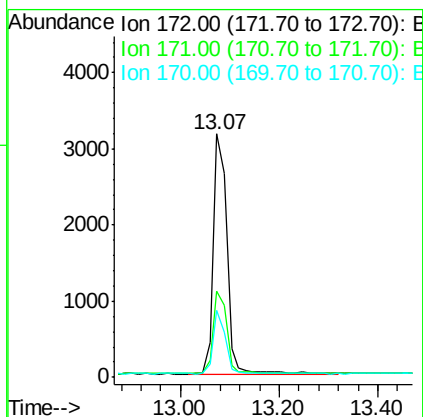
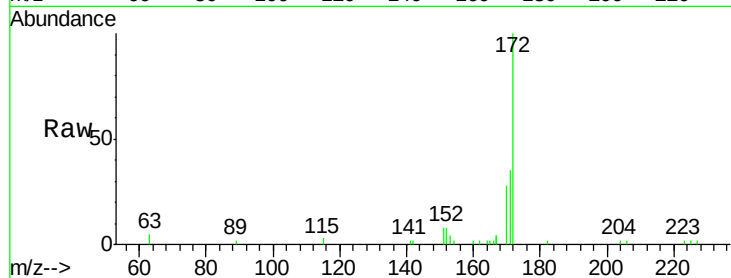




#15
 2-Fluorobiphenyl
 Concen: 0.295 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099457.D
 Acq: 1 May 2019 10:53

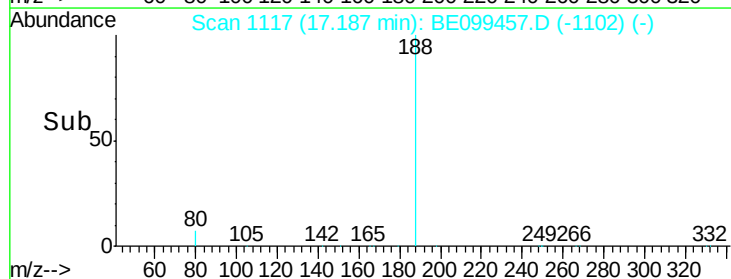
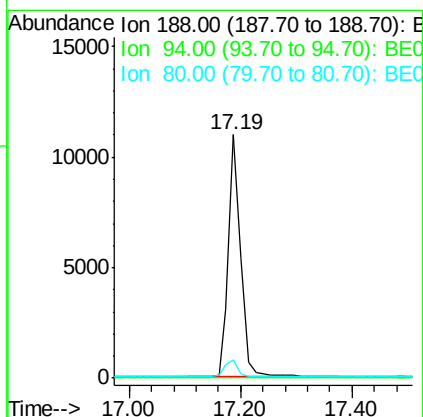
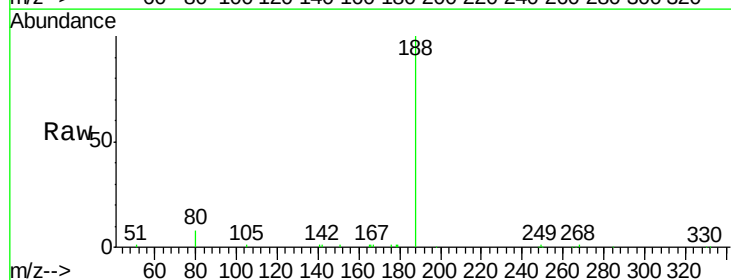
Instrument :
 BNA_E
 ClientSampleId :
 PB119270BL

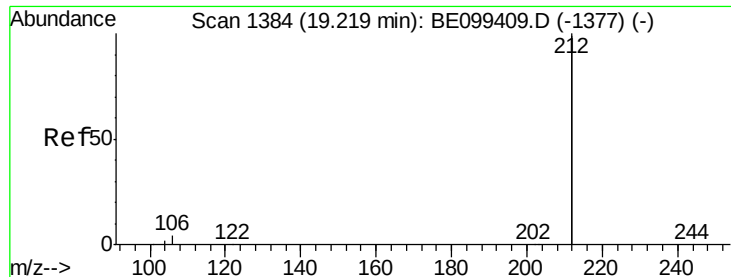
Tgt Ion:172 Resp: 5946
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 39.8
 170 27.6 17.0 25.6#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099457.D
 Acq: 1 May 2019 10:53

Tgt Ion:188 Resp: 16878
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.7 6.7 10.1





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

Instrument :

BNA_E

ClientSampleId :

PB119270BL

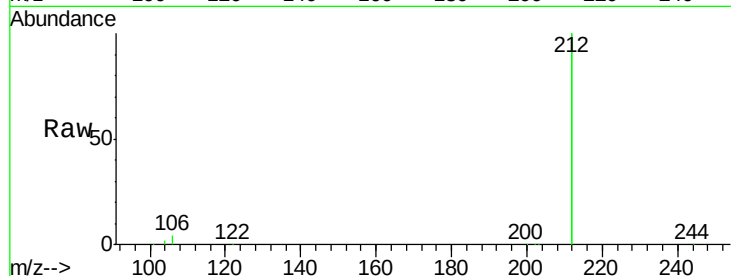
Tgt Ion:212 Resp: 74583

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

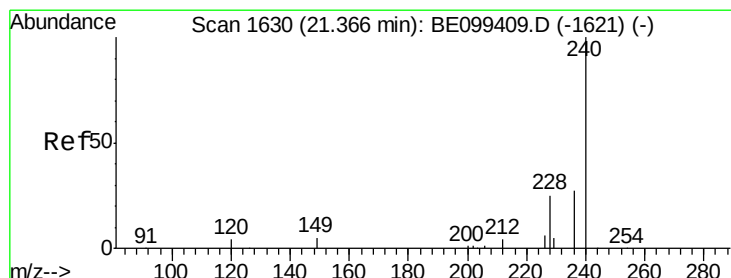
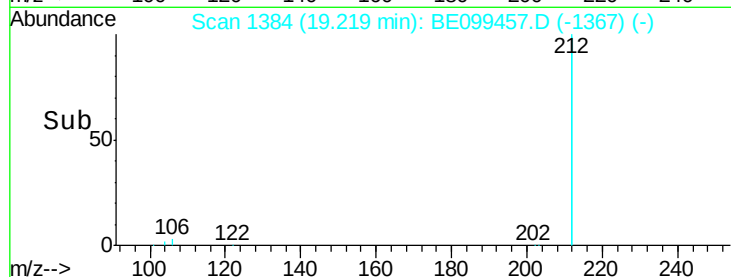
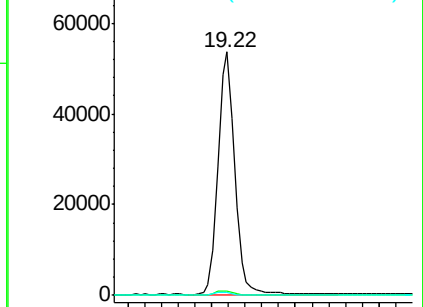
104 1.1 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

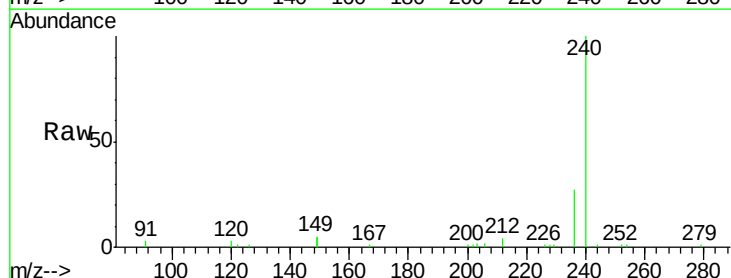
Tgt Ion:240 Resp: 24151

Ion Ratio Lower Upper

240 100

120 3.3 4.0 6.0#

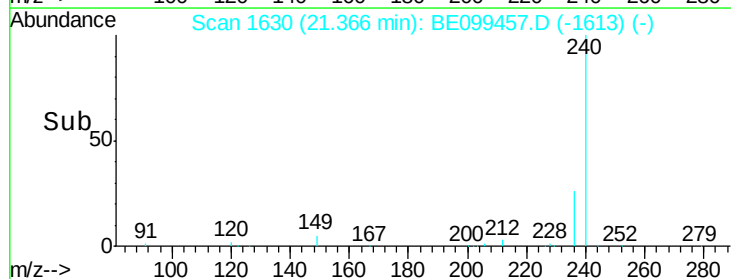
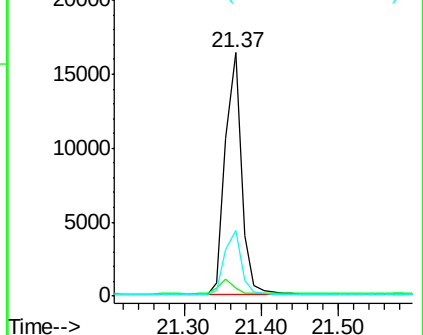
236 26.9 22.0 33.0

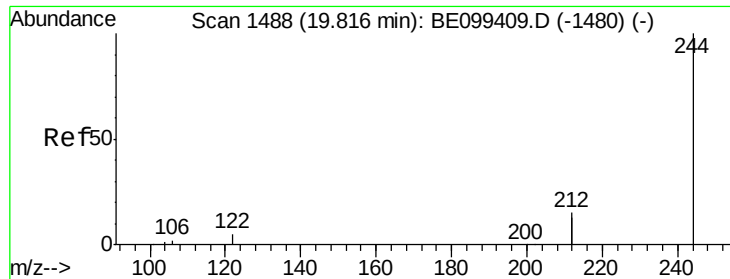


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.367 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

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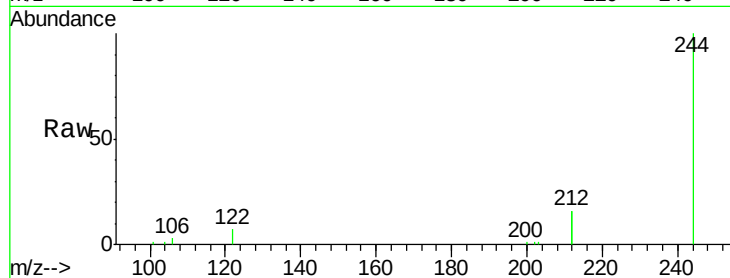
Tgt Ion:244 Resp: 16246

Ion Ratio Lower Upper

244 100

212 31.6 23.2 34.8

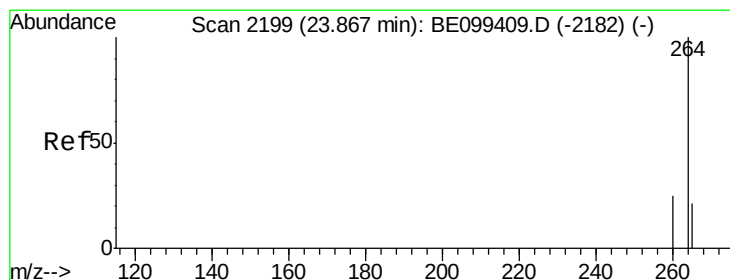
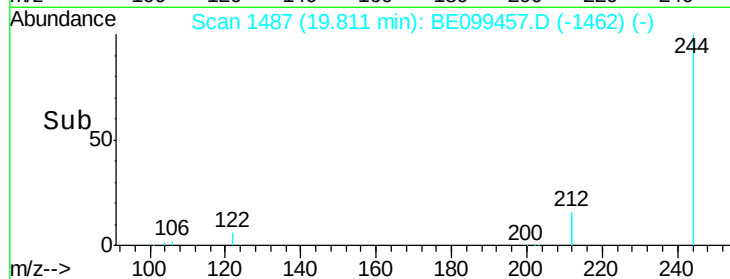
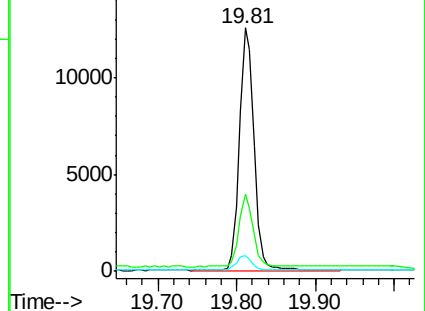
122 6.7 4.2 6.4#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BE099457.D

Acq: 1 May 2019 10:53

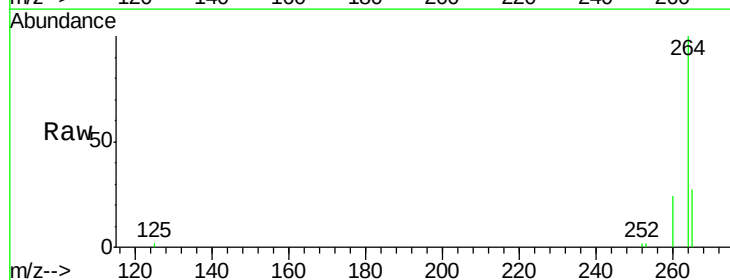
Tgt Ion:264 Resp: 28042

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.2

265 27.2 21.3 31.9



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

