

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099419.D
 Acq On : 30 Apr 2019 10:44
 Operator : JU/SJ
 Sample : PB119261BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119261BL

Quant Time: May 01 00:35:32 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	7.81	152	2599	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8772	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5464	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	14939	0.40	ng	0.00
27) Chrysene-d12	21.37	240	19155	0.40	ng	0.00
34) Perylene-d12	23.87	264	26839	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2496	0.35	ng	0.00
5) Phenol-d6	6.97	99	3282	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	2574	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4975	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	733	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	7488	0.36	ng	0.00
25) Fluoranthene-d10	19.22	212	61274	0.30	ng	0.00
29) Terphenyl-d14	19.82	244	13346	0.38	ng	0.00

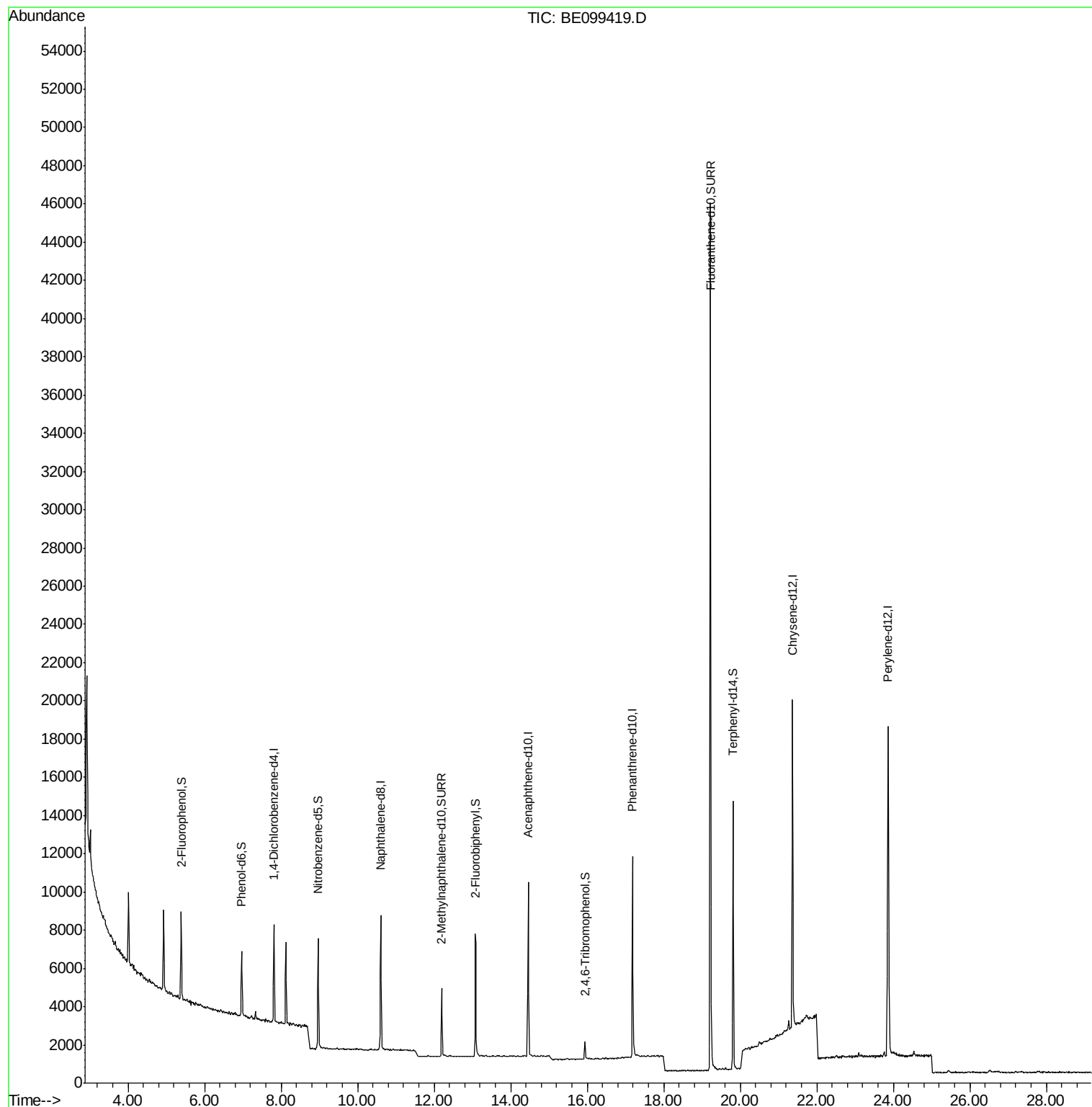
Target Compounds	Qvalue
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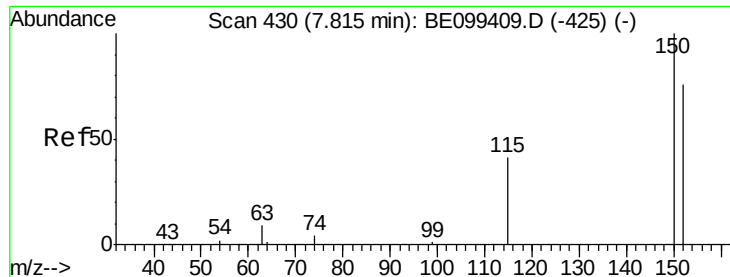
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099419.D

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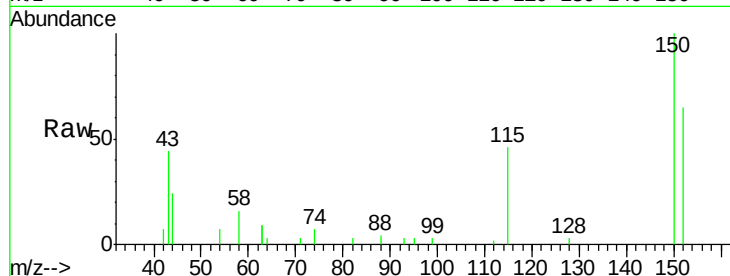
Tgt Ion:152 Resp: 2599

Ion Ratio Lower Upper

152 100

150 154.8 104.8 157.2

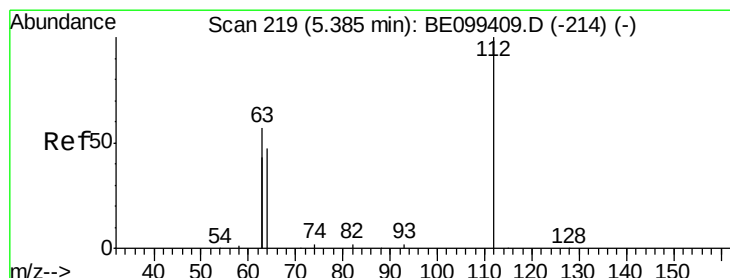
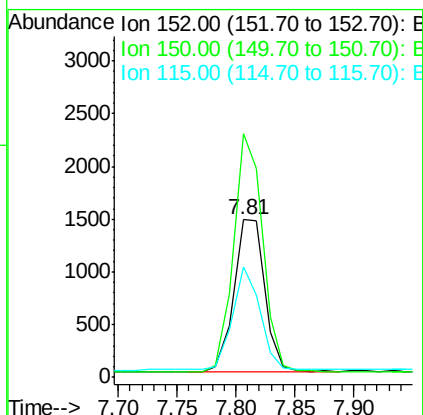
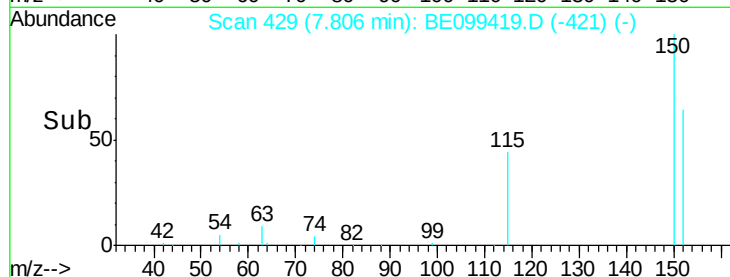
115 70.4 46.6 69.8#



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: 0.347 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099419.D

Acq: 30 Apr 2019 10:44

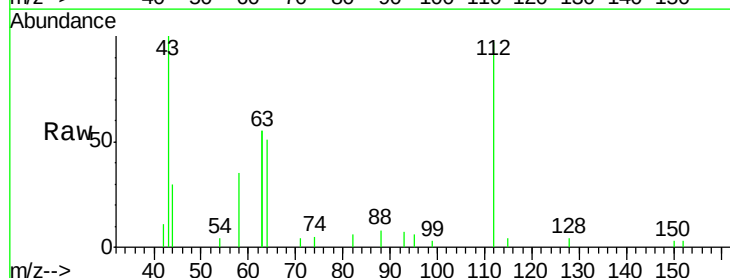
Tgt Ion:112 Resp: 2496

Ion Ratio Lower Upper

112 100

64 55.8 47.4 71.0

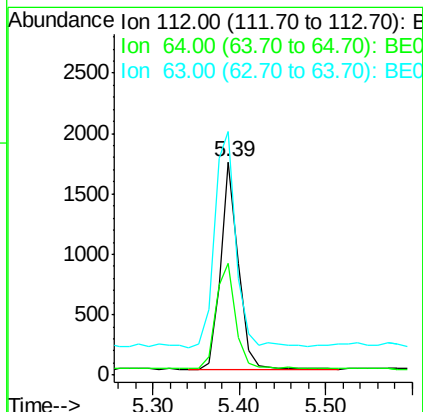
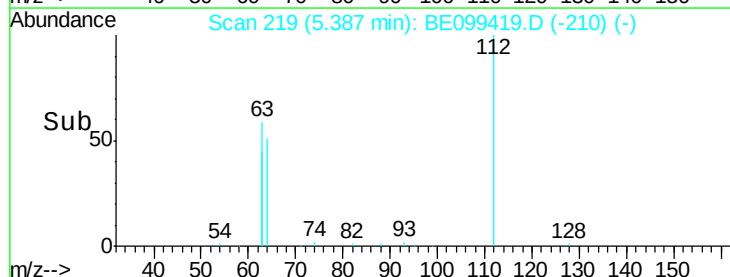
63 124.6 104.3 156.5

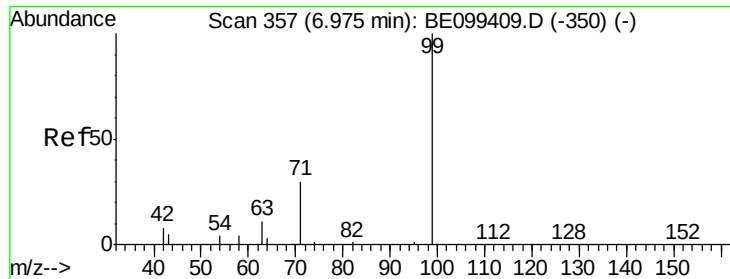


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.343 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099419.D

Acq: 30 Apr 2019 10:44

Instrument :

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ClientSampleId :

PB119261BL

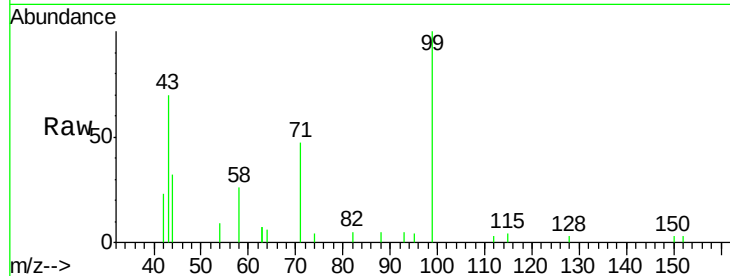
Tgt Ion: 99 Resp: 3282

Ion Ratio Lower Upper

99 100

42 15.0 14.9 22.3

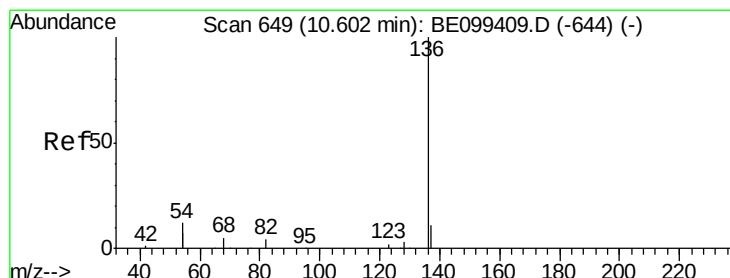
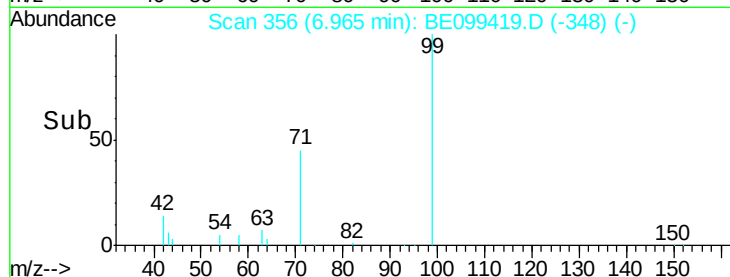
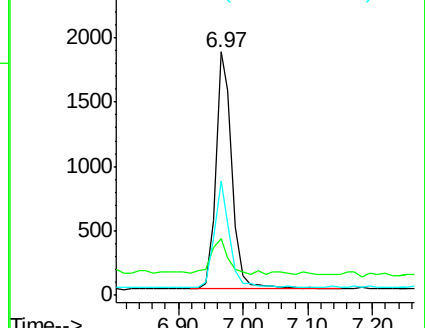
71 42.4 33.0 49.6



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: BE099419.D

Acq: 30 Apr 2019 10:44

Tgt Ion: 136 Resp: 8772

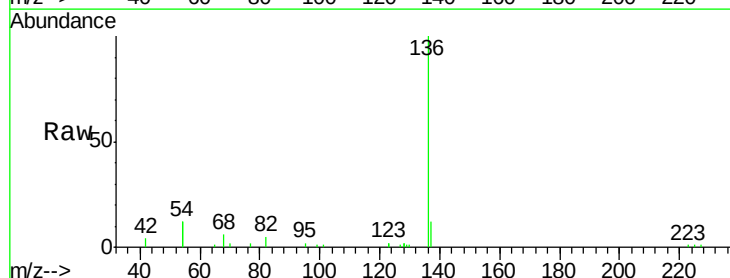
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 24.5 18.5 27.7

68 5.8 4.7 7.1

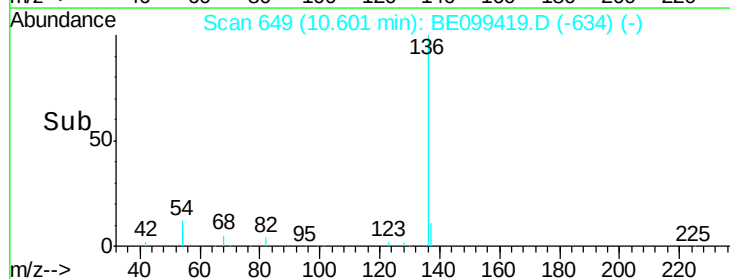
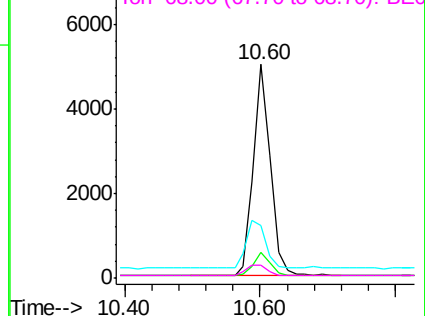


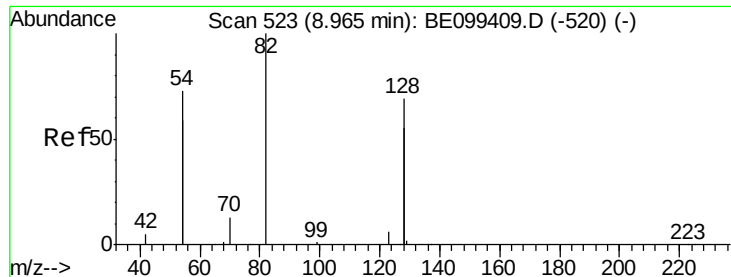
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.313 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099419.D

Acq: 30 Apr 2019 10:44

Instrument :

BNA_E

ClientSampleId :

PB119261BL

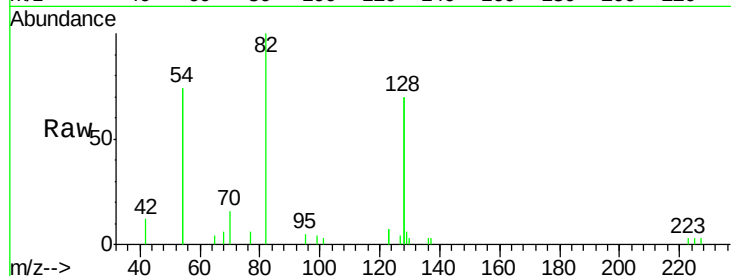
Tgt Ion: 82 Resp: 2574

Ion Ratio Lower Upper

82 100

128 139.7 107.0 160.4

54 148.1 113.1 169.7

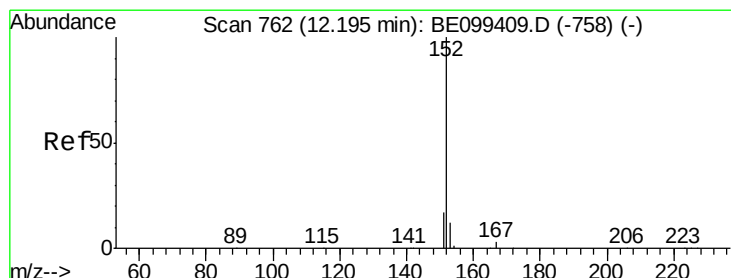
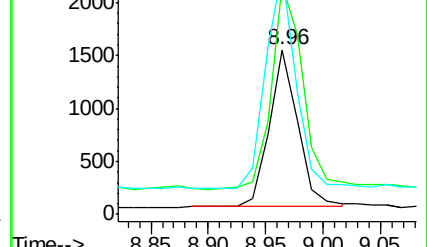
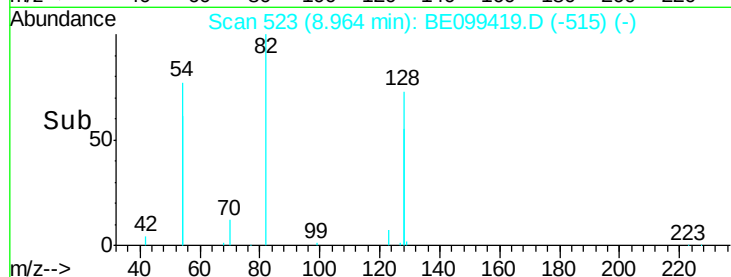


Abundance Ion 82.00 (81.70 to 82.70): BE099419.D (-515) (-)

Ion 128.00 (127.70 to 128.70): BE099419.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BE099419.D (-515) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099419.D

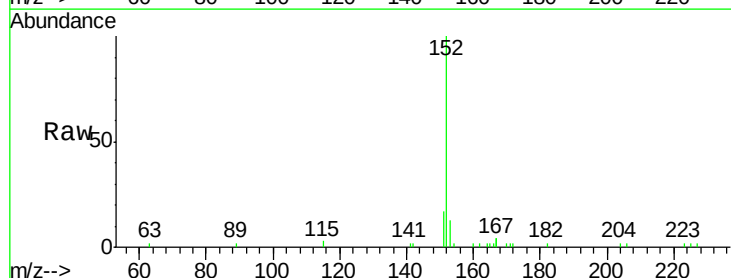
Acq: 30 Apr 2019 10:44

Tgt Ion: 152 Resp: 4975

Ion Ratio Lower Upper

152 100

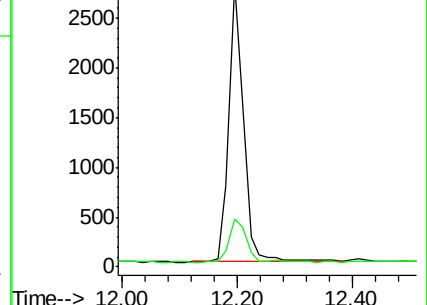
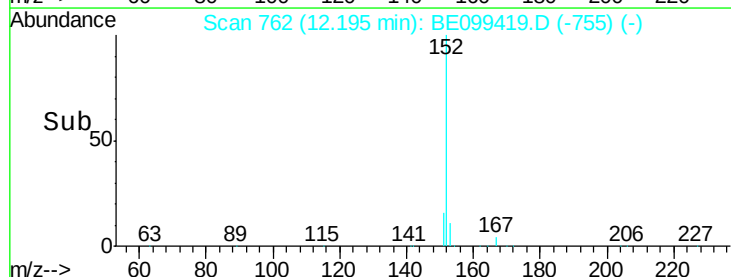
151 18.9 15.5 23.3

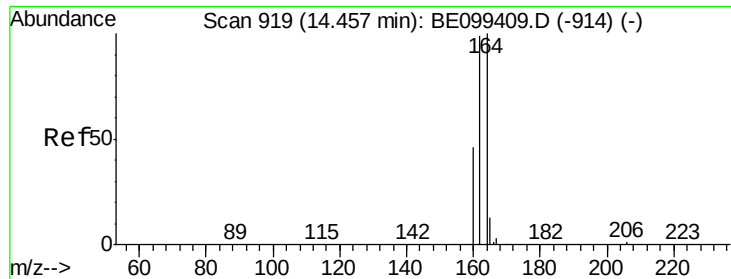


Abundance Ion 152.00 (151.70 to 152.70): BE099419.D (-755) (-)

Ion 151.00 (150.70 to 151.70): BE099419.D (-755) (-)

Time-->

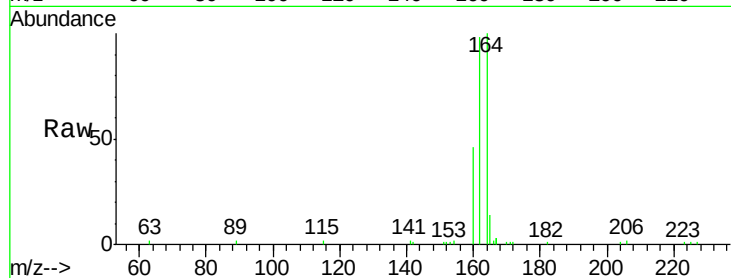




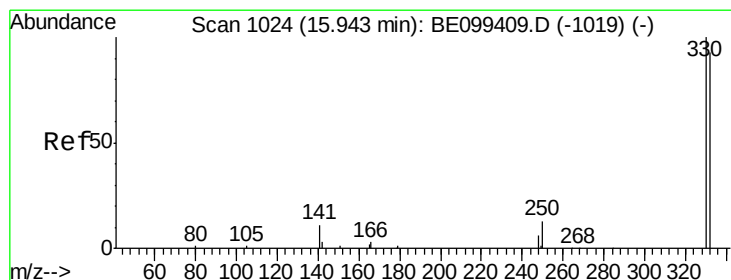
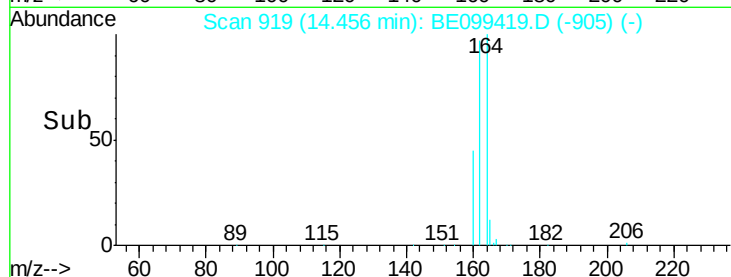
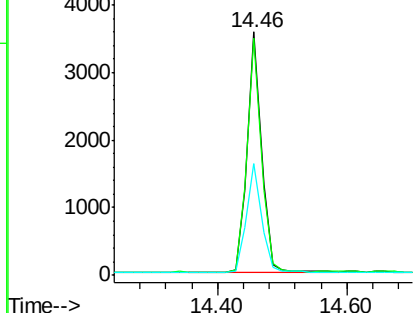
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099419.D
 Acq: 30 Apr 2019 10:44

Instrument :
 BNA_E
 ClientSampleId :
 PB119261BL

Tgt Ion:164 Resp: 5464
 Ion Ratio Lower Upper
 164 100
 162 97.5 79.0 118.4
 160 46.2 37.0 55.4

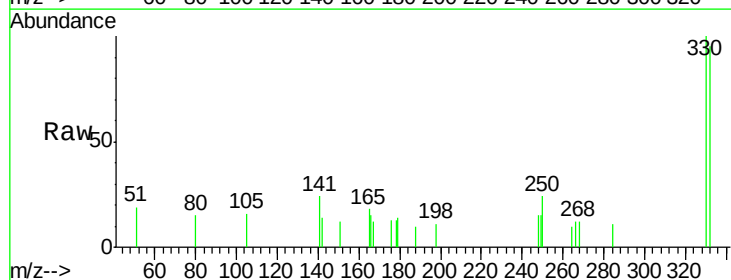


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

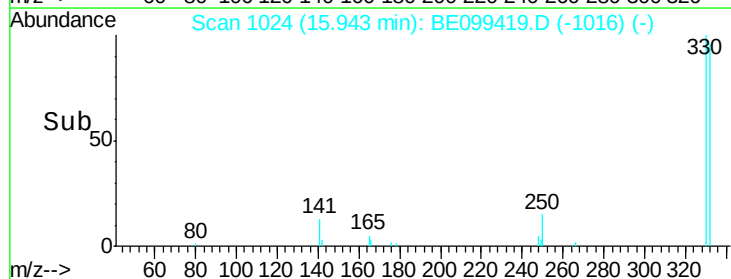
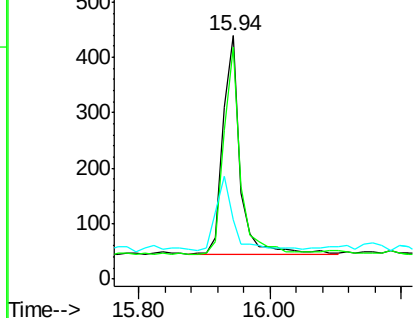


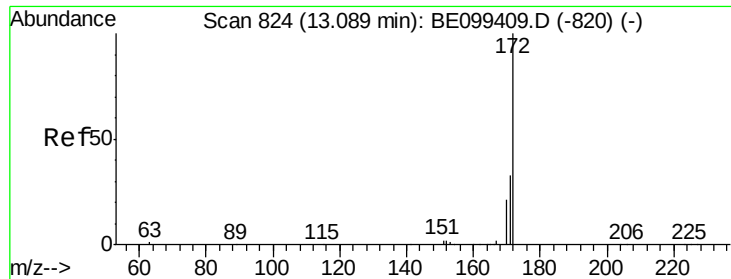
#14
 2,4,6-Tribromophenol
 Concen: 0.213 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099419.D
 Acq: 30 Apr 2019 10:44

Tgt Ion:330 Resp: 733
 Ion Ratio Lower Upper
 330 100
 332 93.9 71.5 107.3
 141 34.2 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

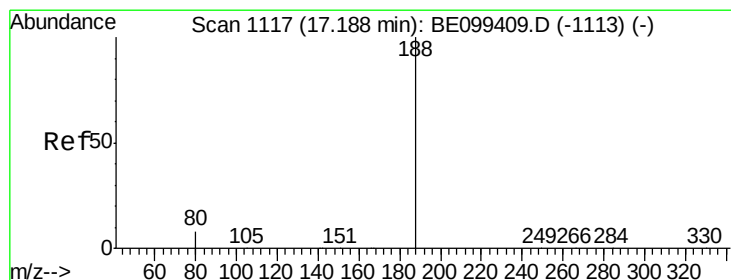
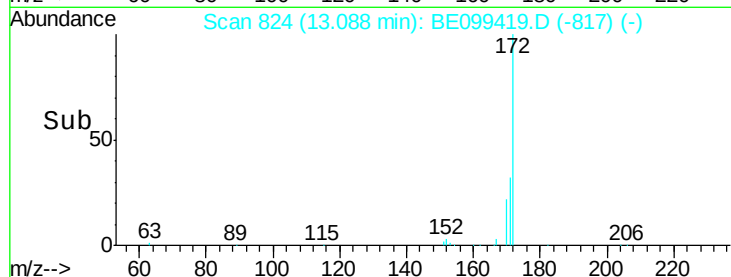
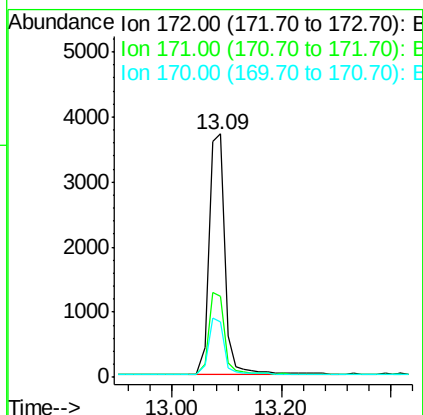
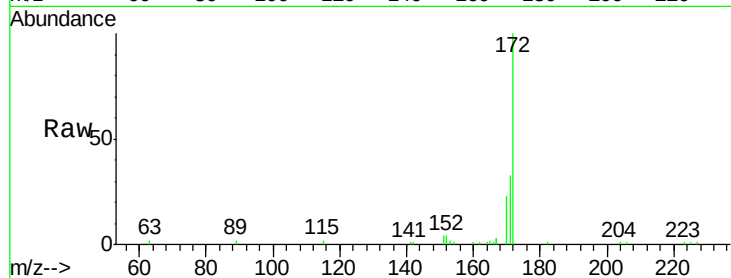




#15
 2-Fluorobiphenyl
 Concen: 0.359 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099419.D
 Acq: 30 Apr 2019 10:44

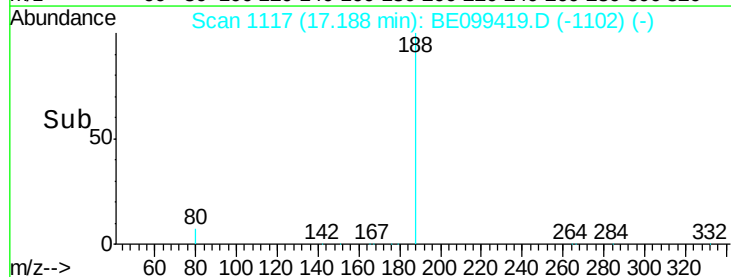
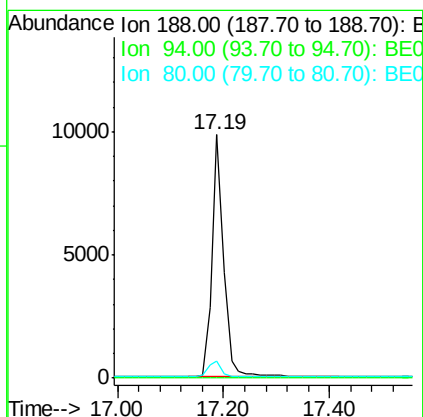
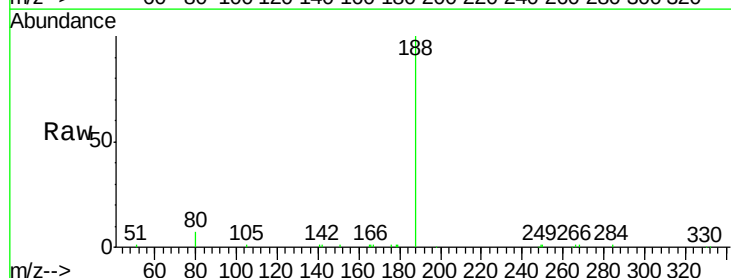
Instrument :
 BNA_E
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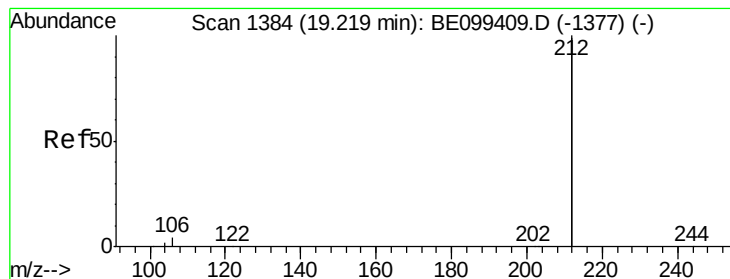
Tgt Ion:172 Resp: 7488
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.6 39.8
 170 22.6 17.0 25.6



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BE099419.D
 Acq: 30 Apr 2019 10:44

Tgt Ion:188 Resp: 14939
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.2 6.7 10.1





#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099419.D

Acq: 30 Apr 2019 10:44

Instrument :

BNA_E

ClientSampleId :

PB119261BL

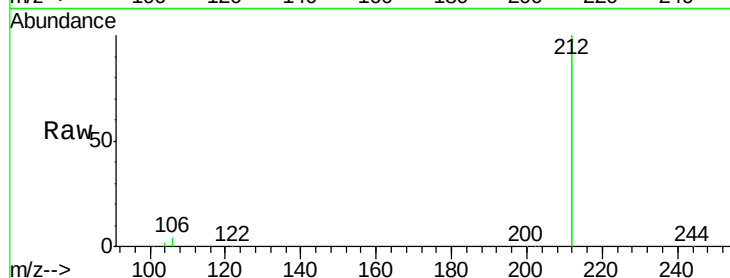
Tgt Ion:212 Resp: 61274

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

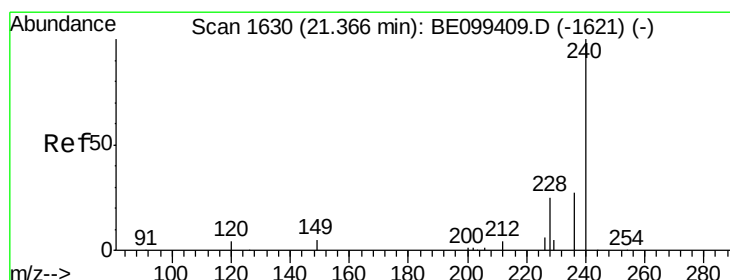
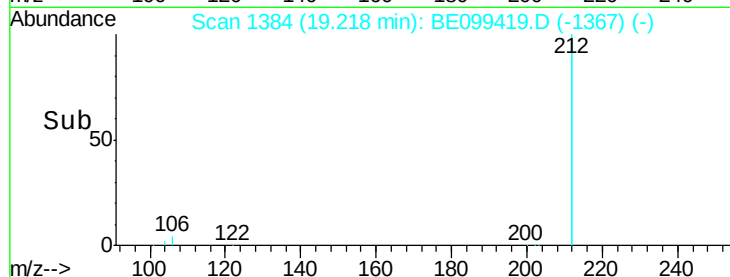
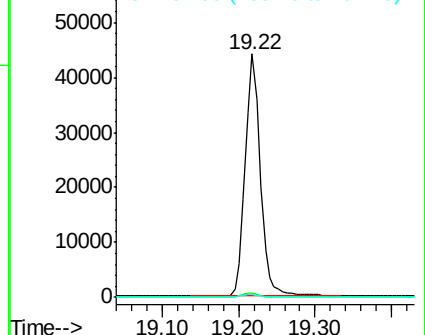
104 1.1 0.9 1.3



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: BE099419.D

Acq: 30 Apr 2019 10:44

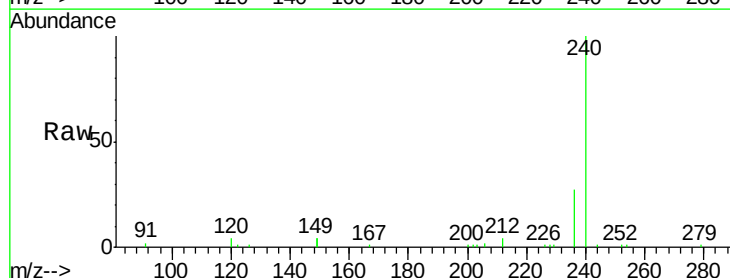
Tgt Ion:240 Resp: 19155

Ion Ratio Lower Upper

240 100

120 4.4 4.0 6.0

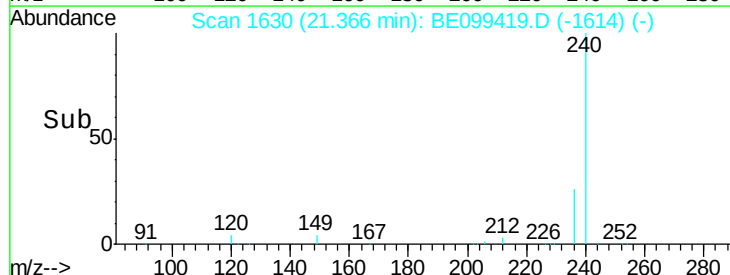
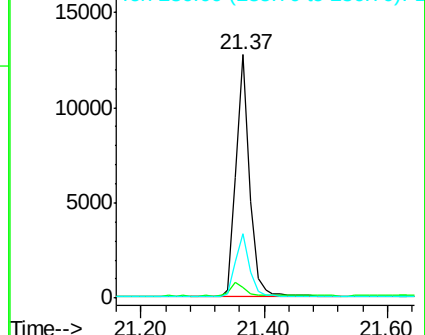
236 26.7 22.0 33.0

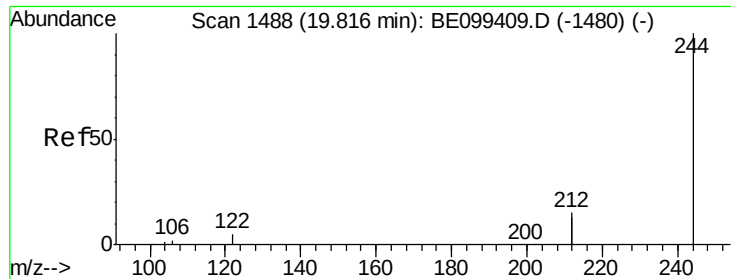


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

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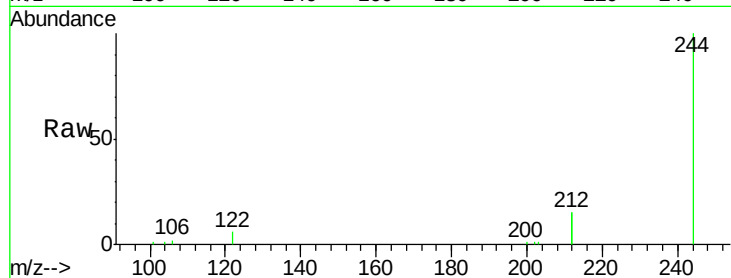
Tgt Ion:244 Resp: 13346

Ion Ratio Lower Upper

244 100

212 29.4 23.2 34.8

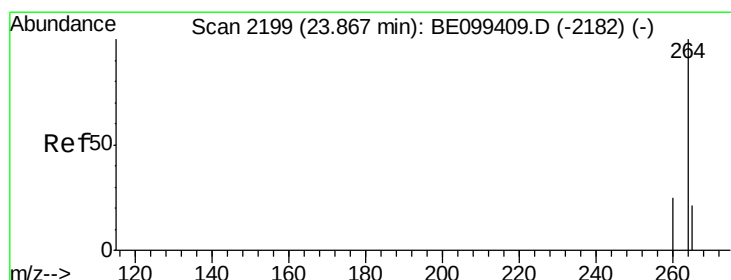
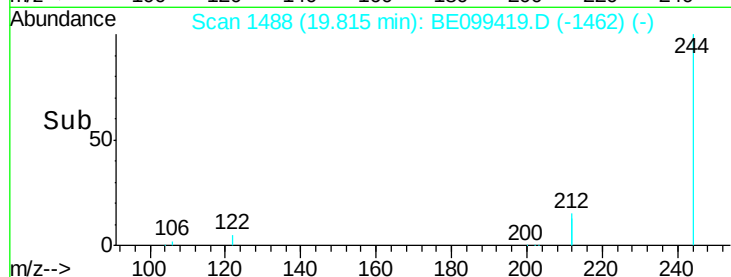
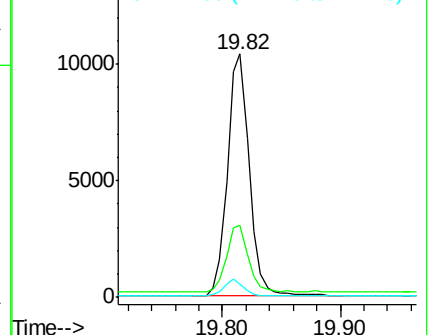
122 5.7 4.2 6.4



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: 23.87 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BE099419.D

Acq: 30 Apr 2019 10:44

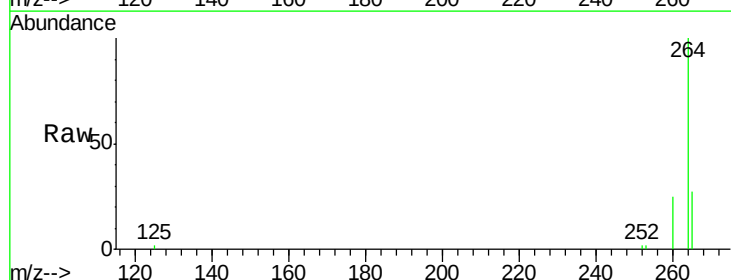
Tgt Ion:264 Resp: 26839

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 26.6 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

