

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
 Data File : BE099816.D
 Acq On : 6 Jun 2019 9:40
 Operator : JU/SJ
 Sample : PB120314BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120314BL

Quant Time: Jun 07 04:09:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1034	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	3309	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2206	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	7394	0.40	ng	0.01
27) Chrysene-d12	21.43	240	13167	0.40	ng	0.01
34) Perylene-d12	23.95	264	15635	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	835	0.33	ng	0.01
5) Phenol-d6	6.99	99	1010	0.31	ng	0.02
8) Nitrobenzene-d5	9.00	82	780	0.27	ng	0.04
11) 2-Methylnaphthalene-d10	12.24	152	1850	0.33	ng	0.03
14) 2,4,6-Tribromophenol	16.04	330	235	0.28	ng	0.06
15) 2-Fluorobiphenyl	13.13	172	2650	0.32	ng	0.03
25) Fluoranthene-d10	19.27	212	40390	0.37	ng	0.01
29) Terphenyl-d14	19.87	244	8032	0.37	ng	0.01

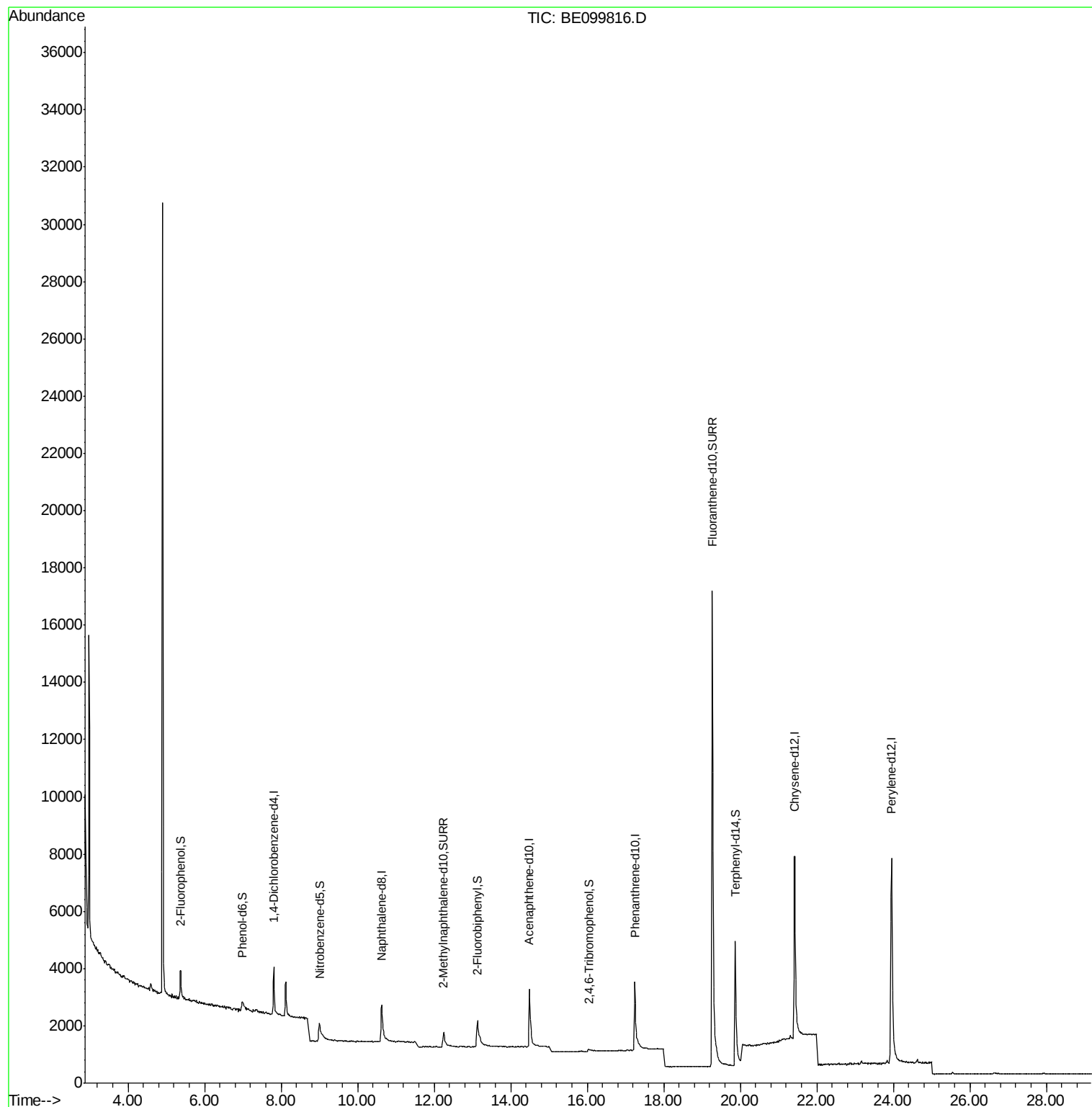
Target Compounds	Qvalue

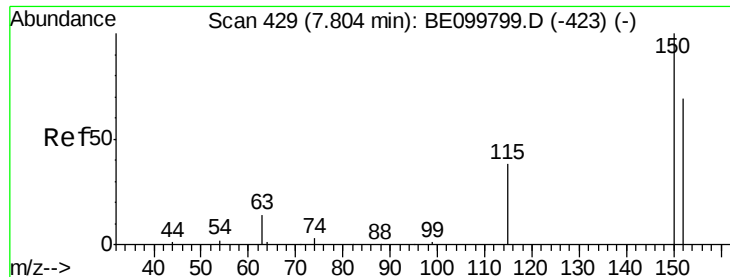
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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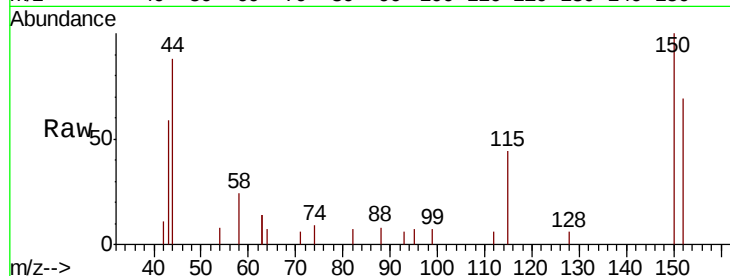


#1

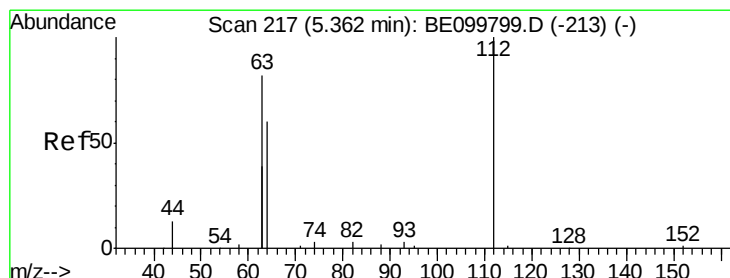
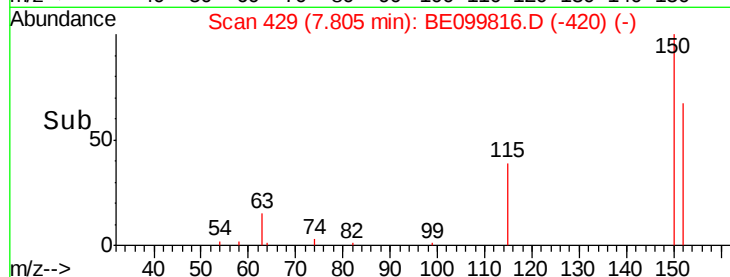
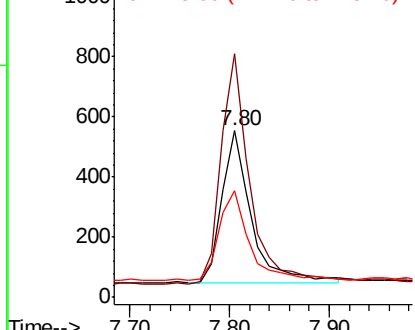
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BE099816.D
 Acq: 6 Jun 2019 9:40

Instrument :
 BNA_E
 ClientSampleId :
 PB120314BL

Tot Ion:152 Resp: 1034
 Ion Ratio Lower Upper
 152 100
 150 145.9 112.8 169.2
 115 63.8 47.6 71.4



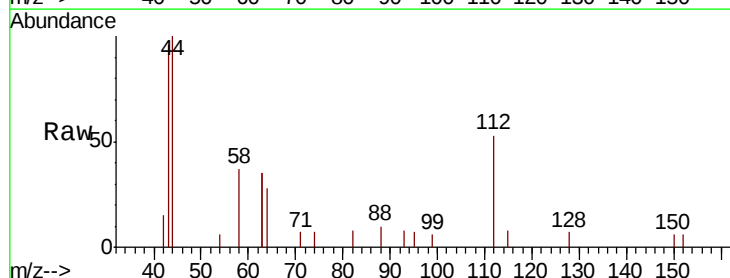
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



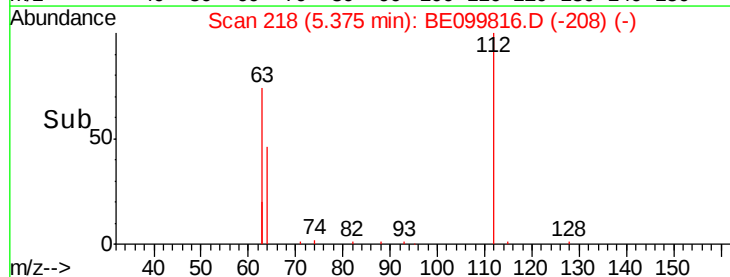
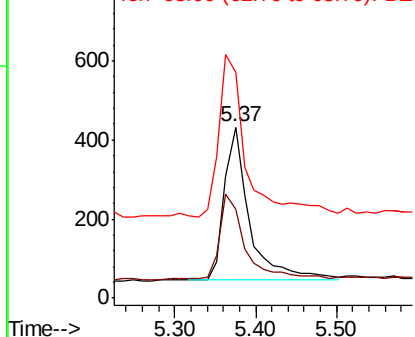
#4

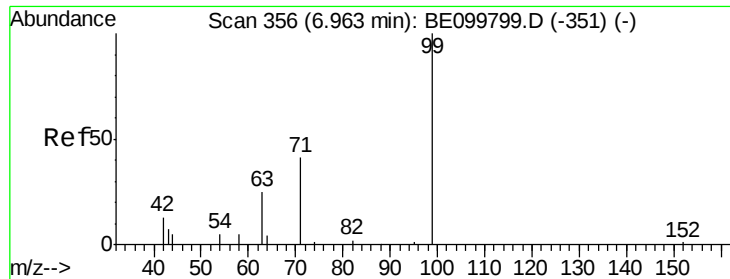
2-Fluorophenol
 Concen: 0.332 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.01 min
 Lab File: BE099816.D
 Acq: 6 Jun 2019 9:40

Tgt Ion:112 Resp: 835
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.2 70.8
 63 119.0 90.7 136.1



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: 0.312 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

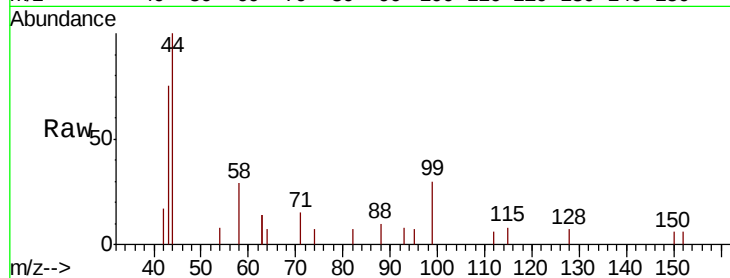
Tot Ion: 99 Resp: 1010

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

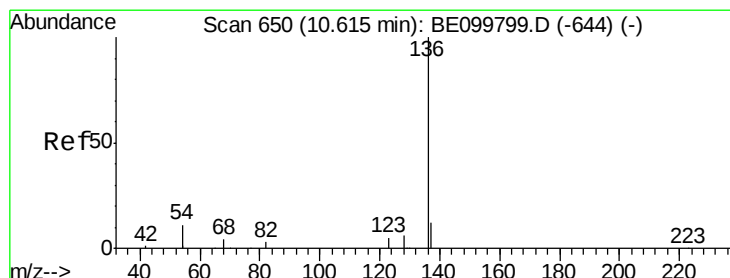
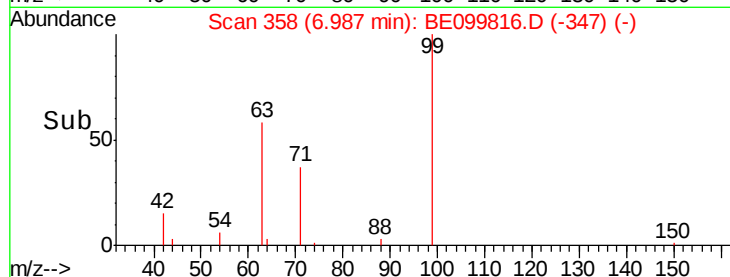
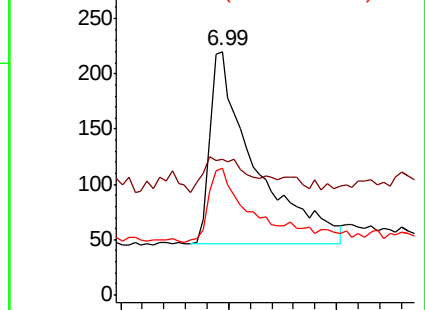
71 36.0 26.1 39.1



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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Tgt Ion: 136 Resp: 3309

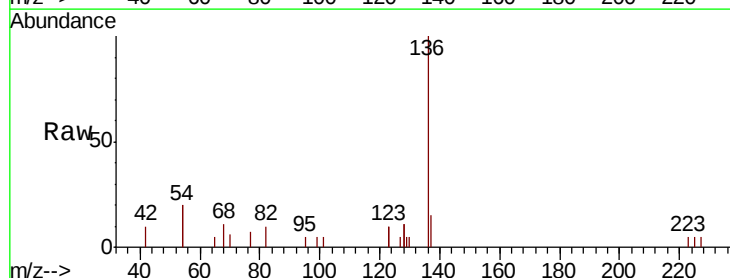
Ion Ratio Lower Upper

136 100

137 15.1 11.1 16.7

54 39.1 17.9 26.9#

68 10.5 5.4 8.0#

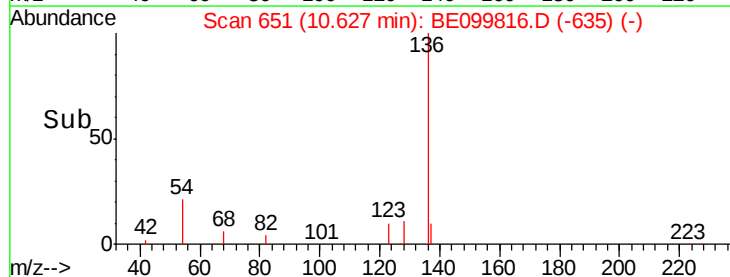
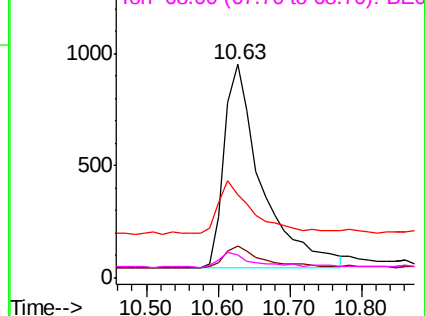


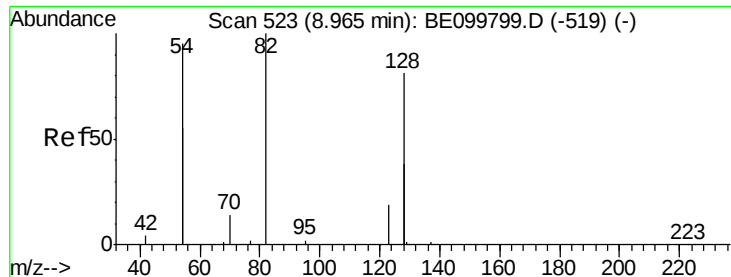
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.268 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

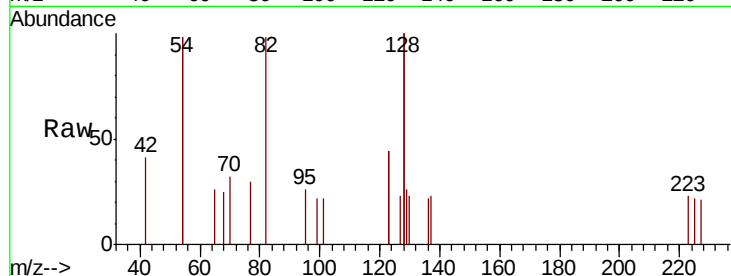
Tot Ion: 82 Resp: 780

Ion Ratio Lower Upper

82 100

128 203.9 116.6 175.0#

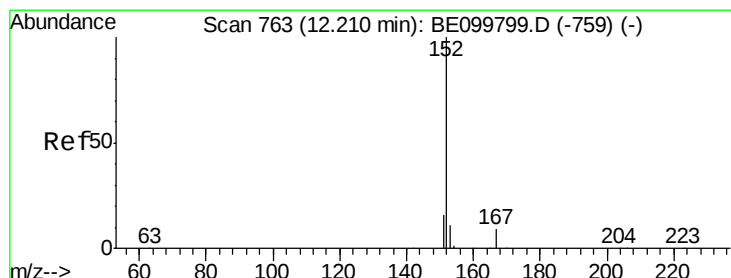
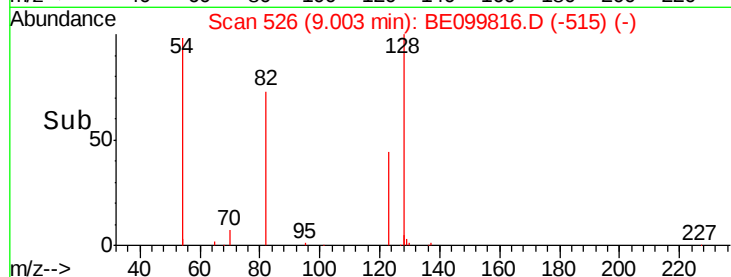
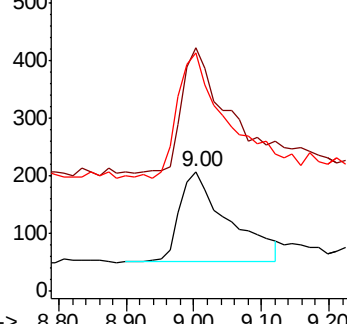
54 200.0 136.2 204.4



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: 0.326 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE099816.D

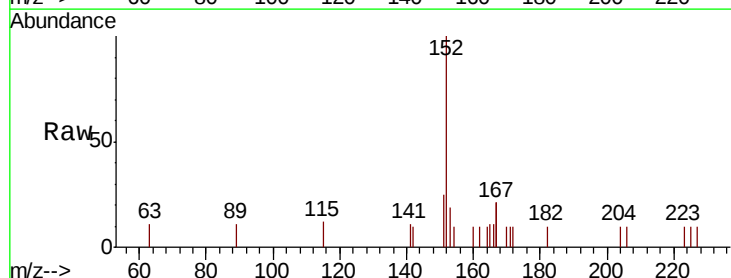
Acq: 6 Jun 2019 9:40

Tgt Ion: 152 Resp: 1850

Ion Ratio Lower Upper

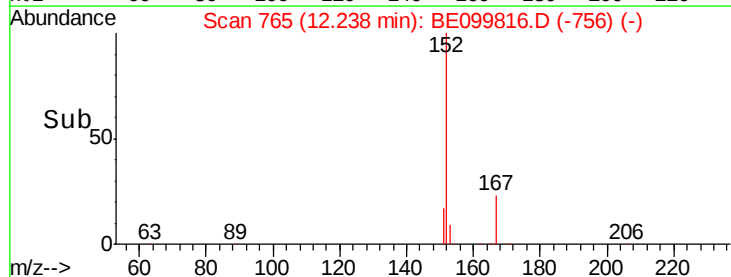
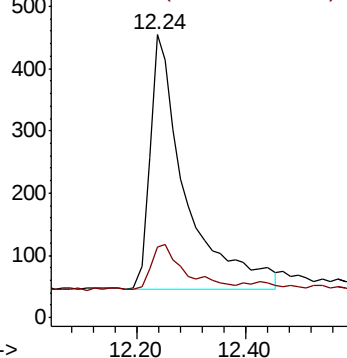
152 100

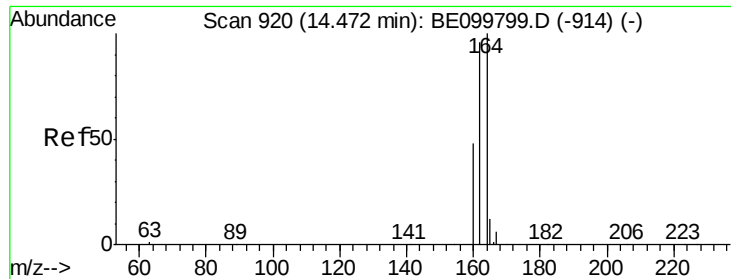
151 17.1 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

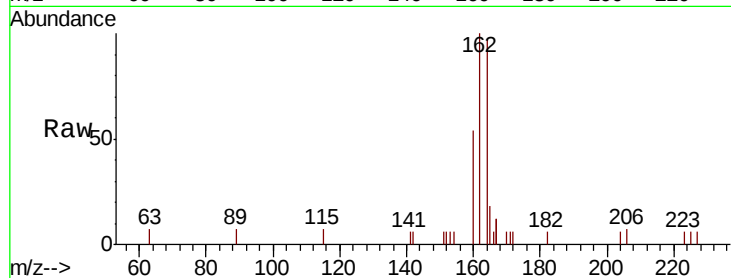




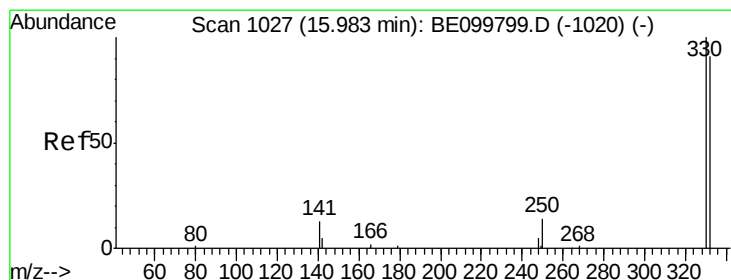
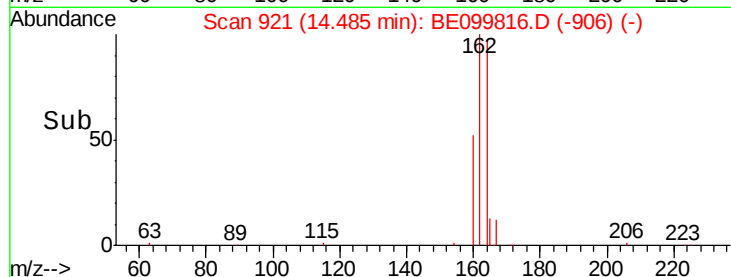
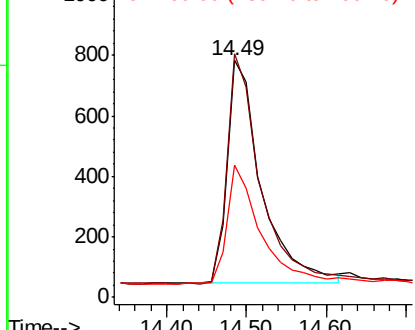
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099816.D
Acq: 6 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
PB120314BL

Tot Ion:164 Resp: 2206
Ion Ratio Lower Upper
164 100
162 102.7 77.2 115.8
160 55.9 39.4 59.2

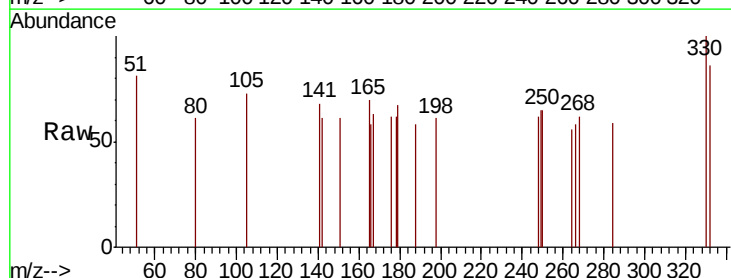


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

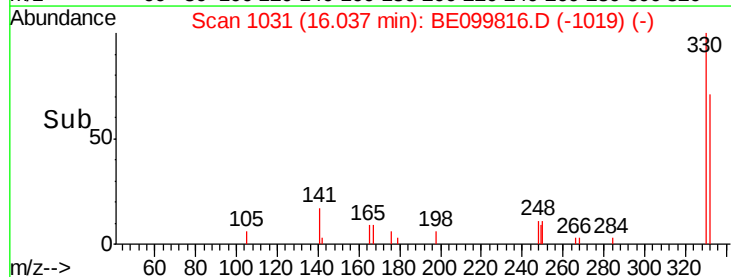
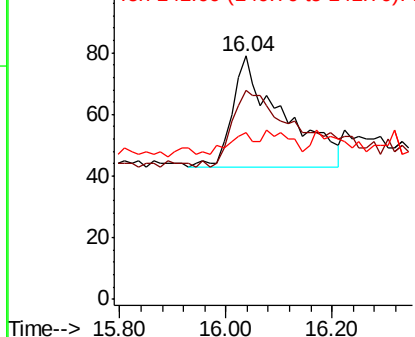


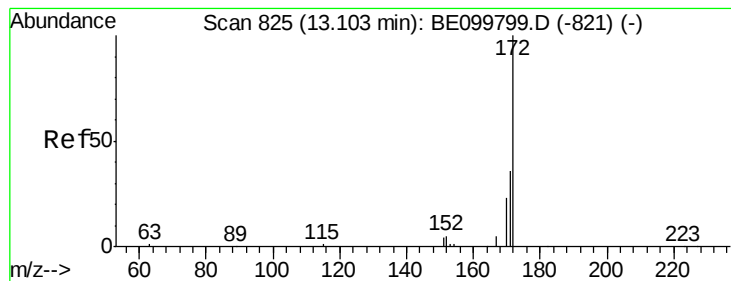
#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 16.04 min Scan# 1031
Delta R.T. 0.06 min
Lab File: BE099816.D
Acq: 6 Jun 2019 9:40

Tgt Ion:330 Resp: 235
Ion Ratio Lower Upper
330 100
332 91.5 74.9 112.3
141 0.0 16.0 24.0#



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

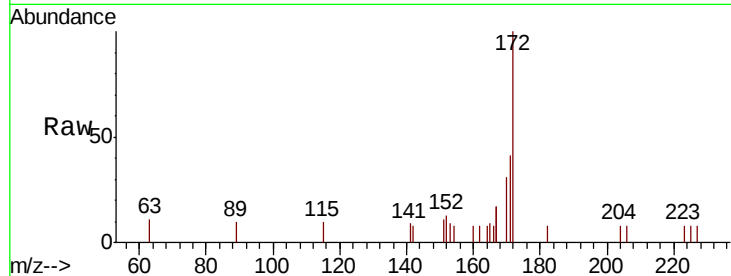




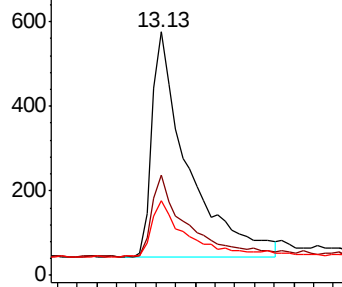
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE099816.D
Acq: 6 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
PB120314BL

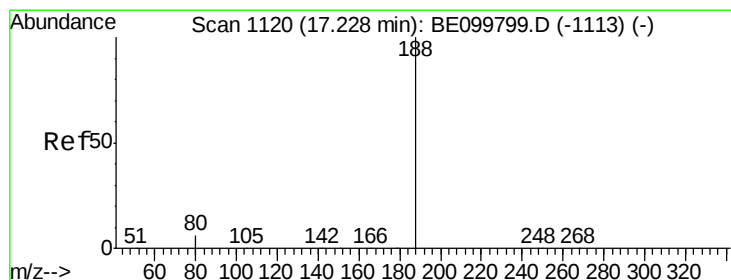
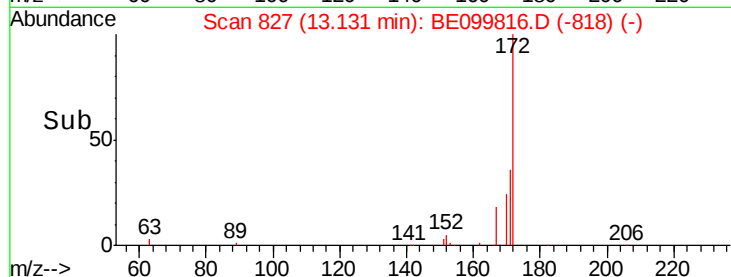
Tot Ion:172 Resp: 2650
Ion Ratio Lower Upper
172 100
171 41.0 30.2 45.4
170 30.7 20.1 30.1#



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

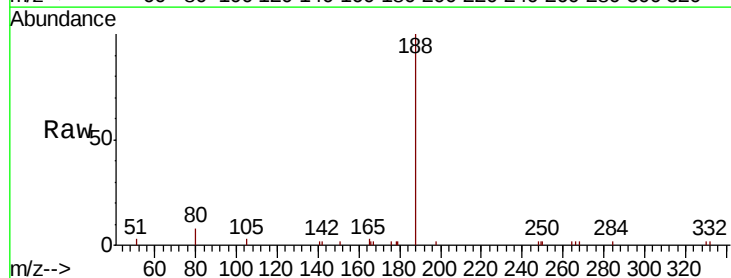


Time-->

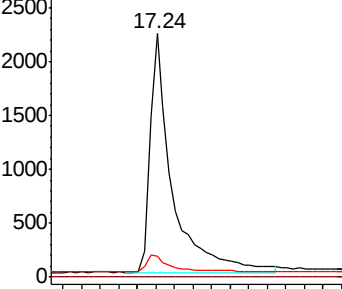


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099816.D
Acq: 6 Jun 2019 9:40

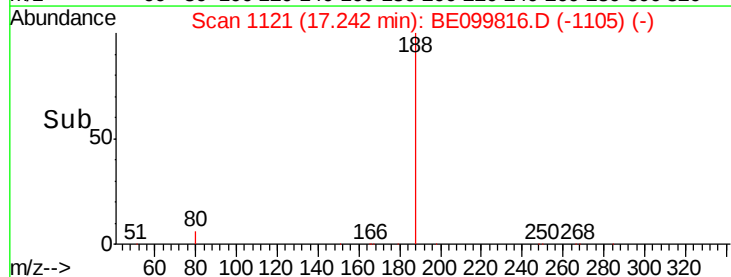
Tgt Ion:188 Resp: 7394
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 5.2 7.8#

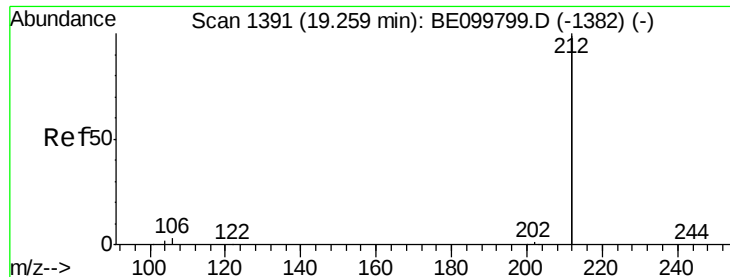


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0



Time-->





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

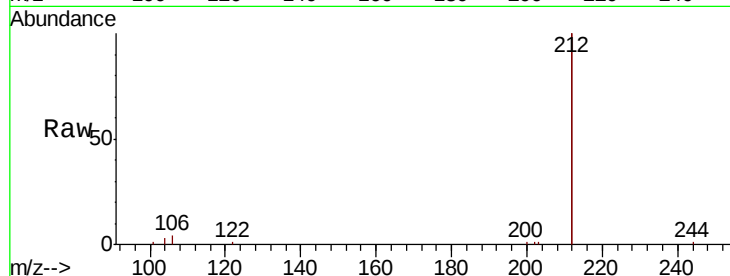
Tot Ion:212 Resp: 40390

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

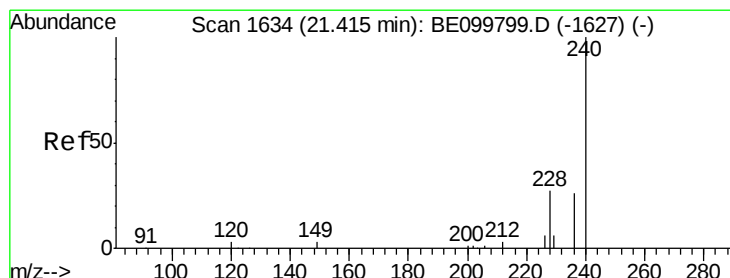
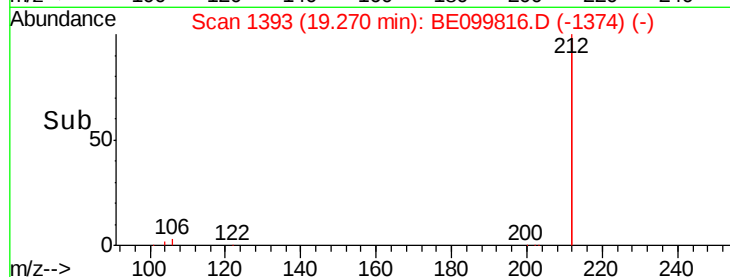
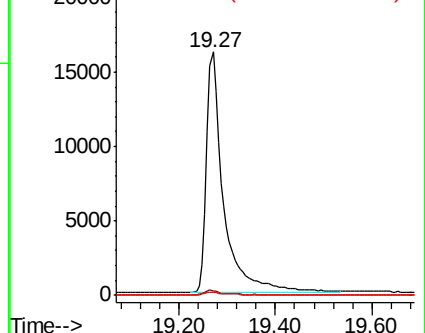
104 1.0 0.8 1.2



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: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

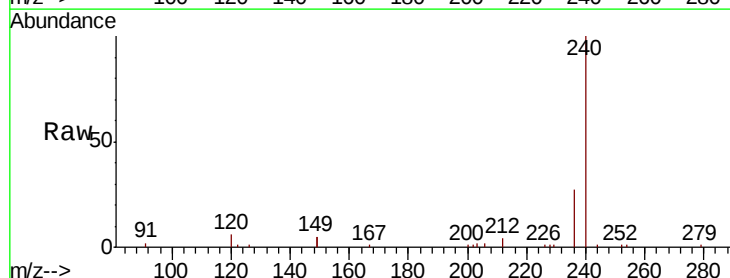
Tgt Ion:240 Resp: 13167

Ion Ratio Lower Upper

240 100

120 5.8 2.8 4.2#

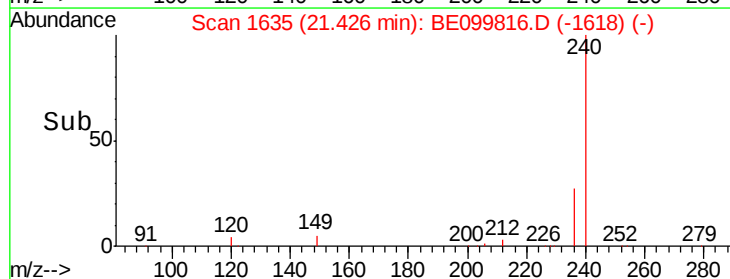
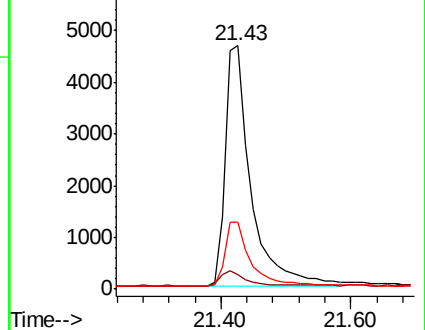
236 27.5 20.9 31.3

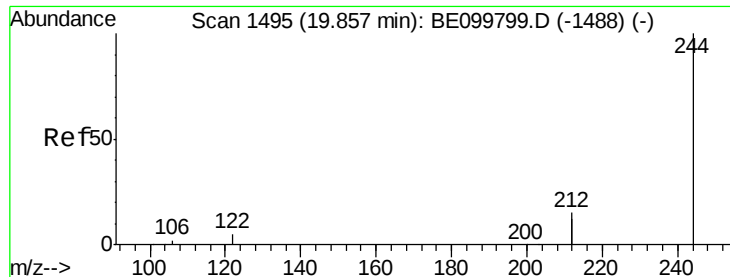


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

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PB120314BL

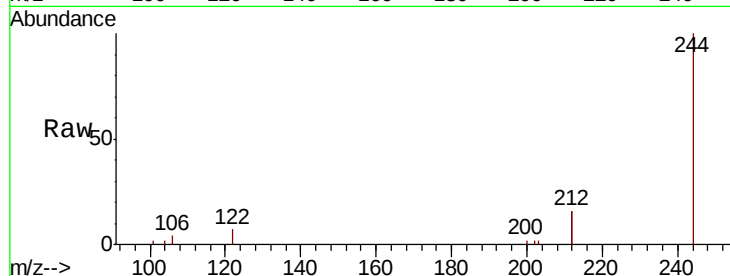
Tot Ion:244 Resp: 8032

Ion Ratio Lower Upper

244 100

212 32.7 23.7 35.5

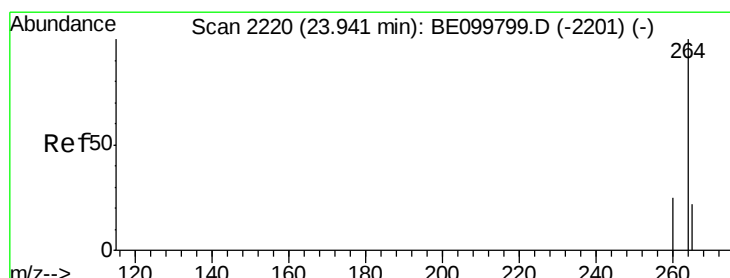
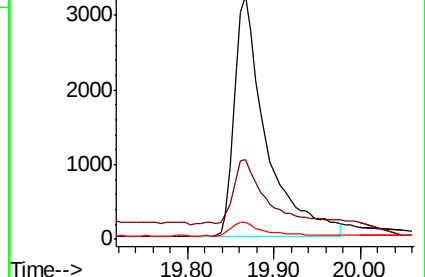
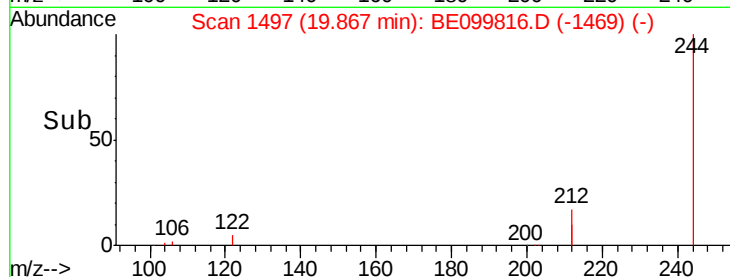
122 6.8 4.8 7.2



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: 23.95 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

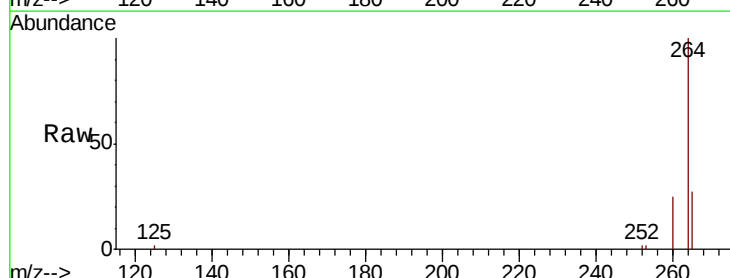
Tgt Ion:264 Resp: 15635

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 27.0 20.7 31.1



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

