

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099425.D
 Acq On : 30 Apr 2019 14:22
 Operator : JU/SJ
 Sample : PB119230BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119230BL

Quant Time: May 01 01:14:26 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	2601	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8252	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5169	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	13944	0.40	ng	0.00
27) Chrysene-d12	21.37	240	18810	0.40	ng	0.00
34) Perylene-d12	23.86	264	26220	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2195	0.31	ng	0.00
5) Phenol-d6	6.97	99	2956	0.31	ng	0.00
8) Nitrobenzene-d5	8.96	82	2357	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	4460	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	676	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	6620	0.34	ng	-0.01
25) Fluoranthene-d10	19.22	212	55346	0.29	ng	0.00
29) Terphenyl-d14	19.81	244	12189	0.35	ng	0.00

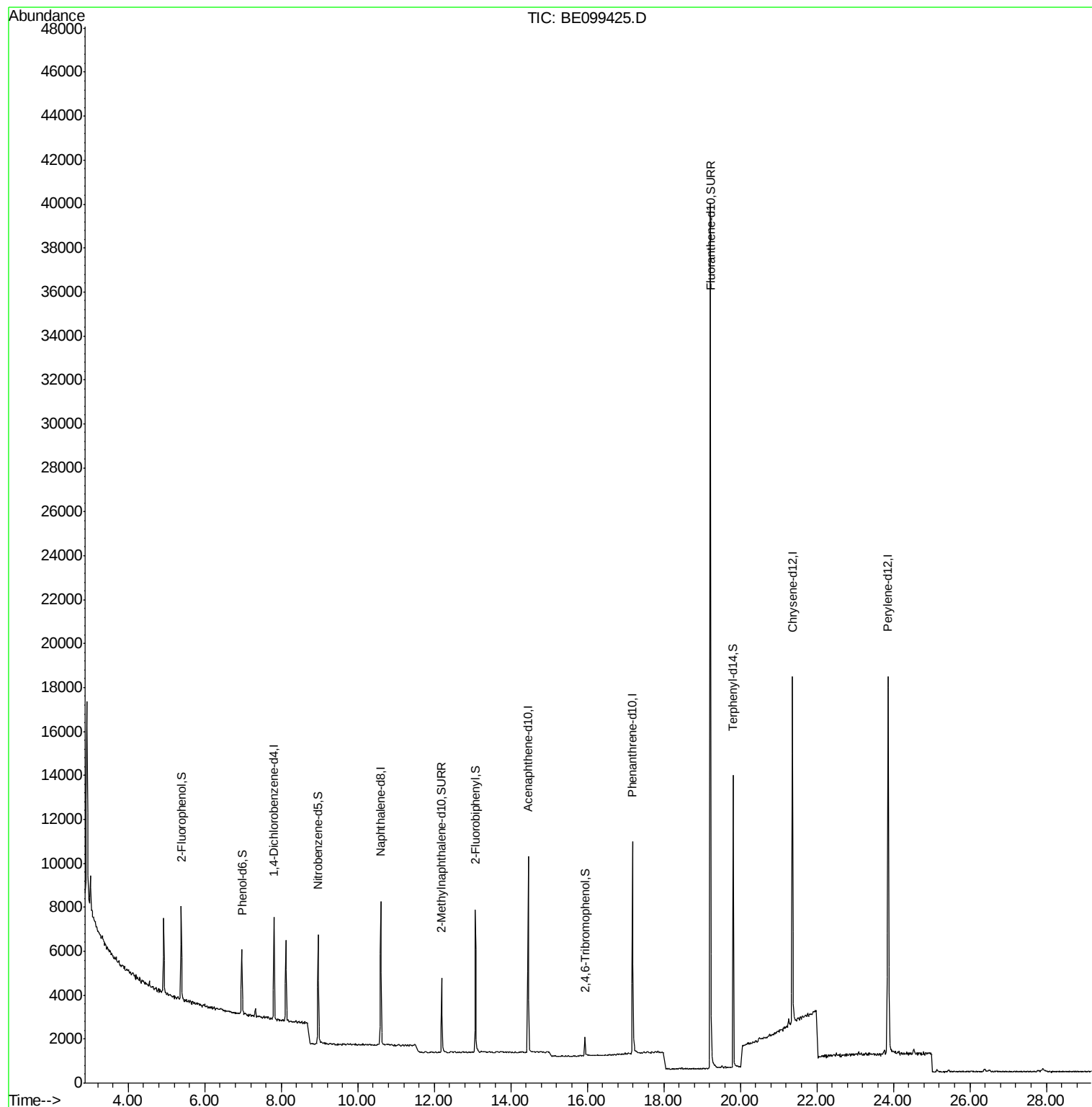
Target Compounds	Qvalue
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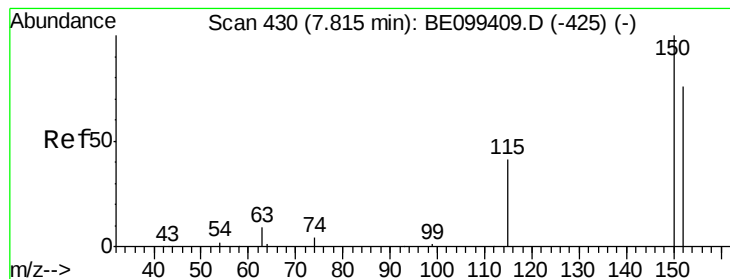
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

PB119230BL

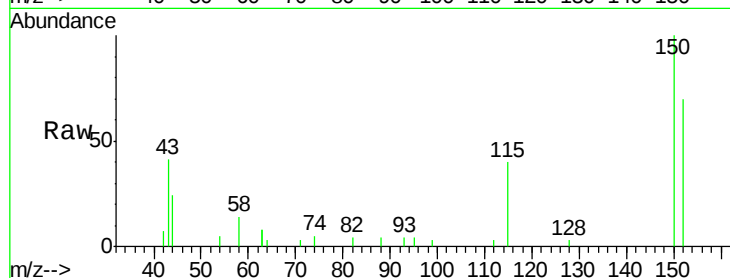
Tgt Ion:152 Resp: 2601

Ion Ratio Lower Upper

152 100

150 141.9 104.8 157.2

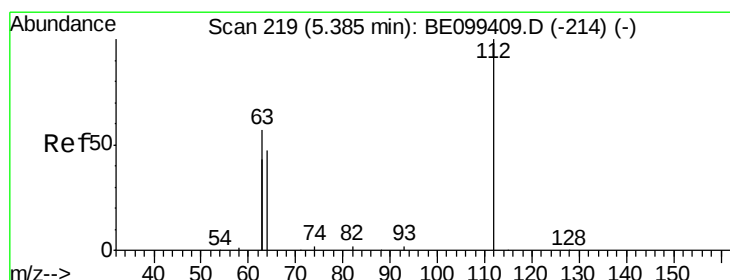
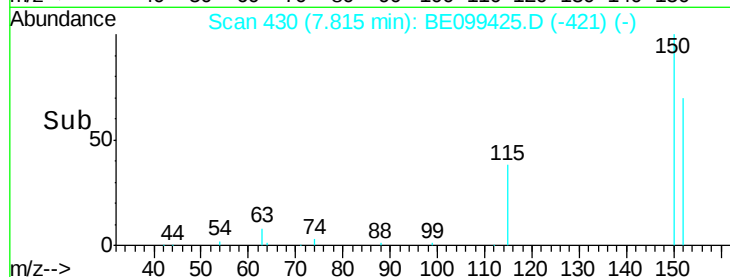
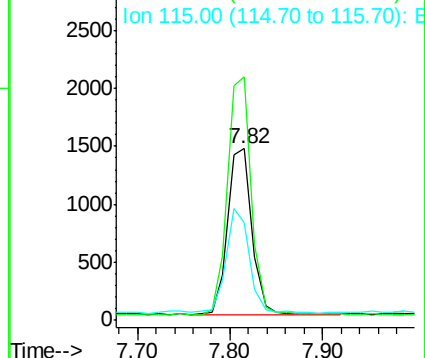
115 57.0 46.6 69.8



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: 0.305 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

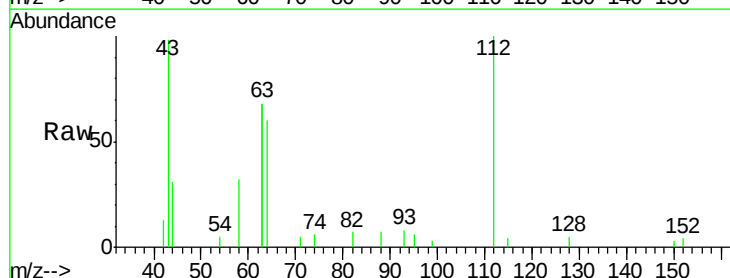
Tgt Ion:112 Resp: 2195

Ion Ratio Lower Upper

112 100

64 58.3 47.4 71.0

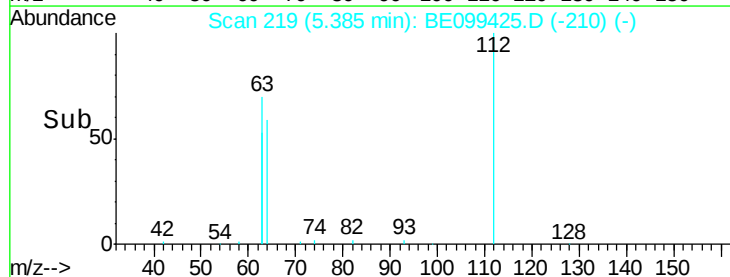
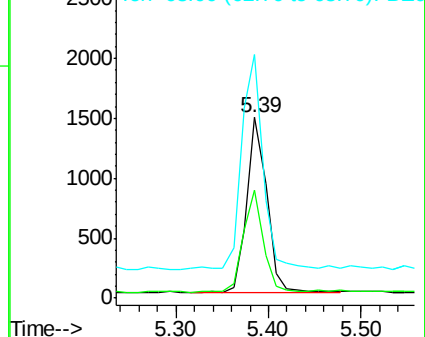
63 129.2 104.3 156.5



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: 0.309 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

Instrument :

BNA_E

ClientSampleId :

PB119230BL

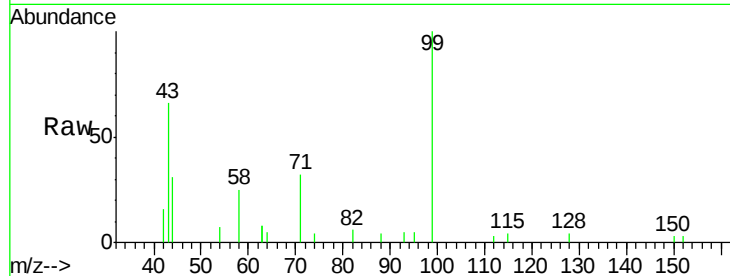
Tgt Ion: 99 Resp: 2956

Ion Ratio Lower Upper

99 100

42 16.4 14.9 22.3

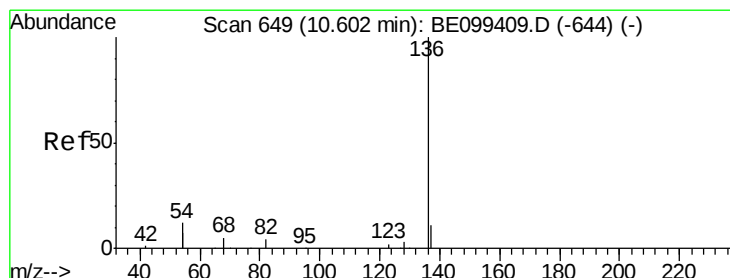
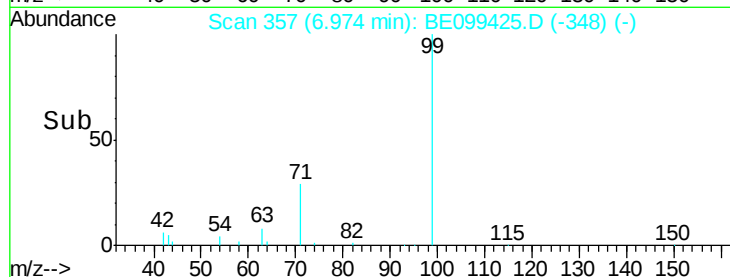
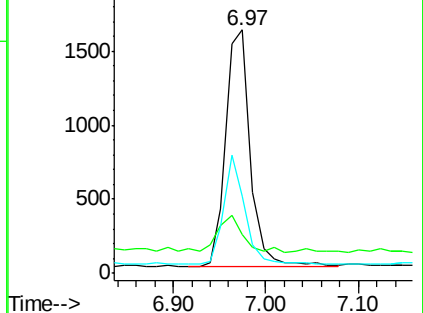
71 39.5 33.0 49.6



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: BE099425.D

Acq: 30 Apr 2019 14:22

Tgt Ion: 136 Resp: 8252

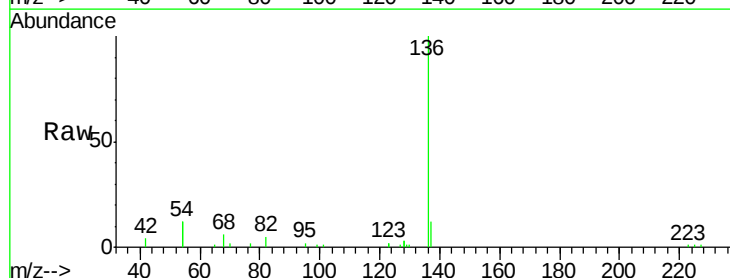
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 23.8 18.5 27.7

68 6.0 4.7 7.1

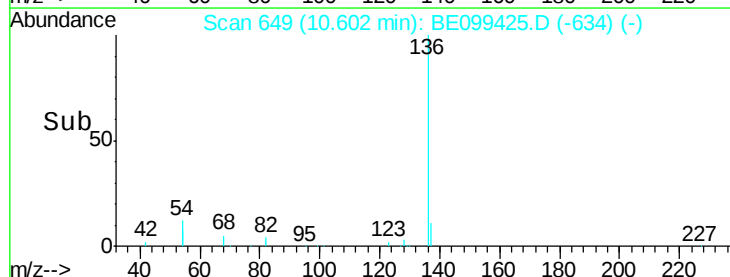
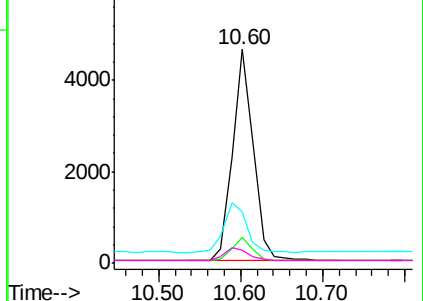


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.305 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

Instrument :

BNA_E

ClientSampleId :

PB119230BL

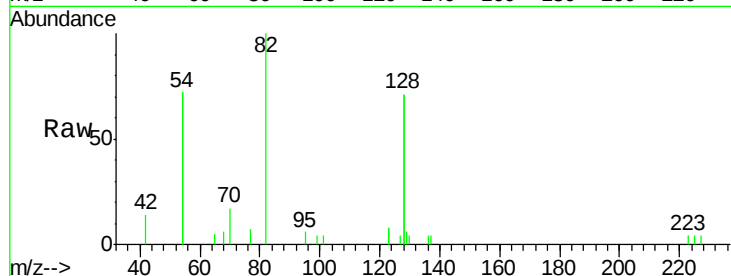
Tgt Ion: 82 Resp: 2357

Ion Ratio Lower Upper

82 100

128 142.2 107.0 160.4

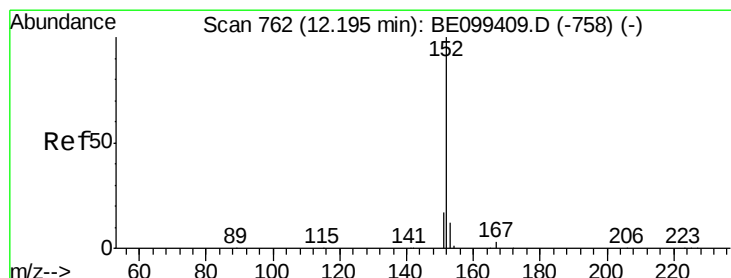
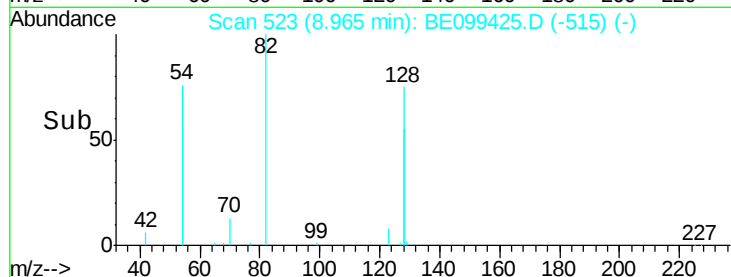
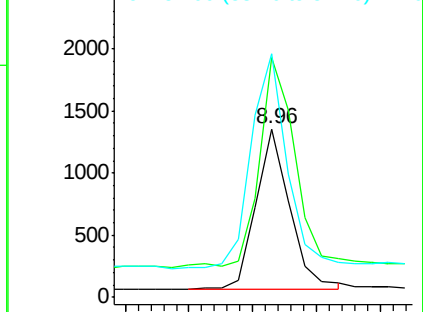
54 144.8 113.1 169.7



Abundance Ion 82.00 (81.70 to 82.70): BE099425.D (-515) (-)

Ion 128.00 (127.70 to 128.70): BE099425.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BE099425.D (-515) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.300 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099425.D

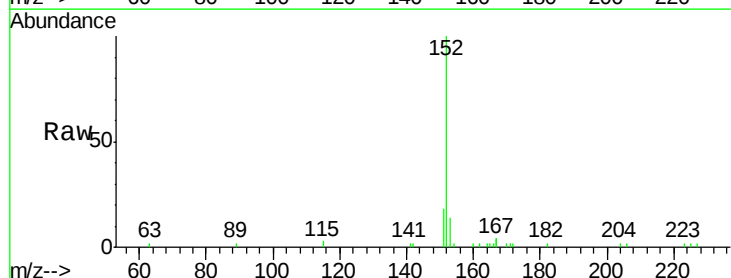
Acq: 30 Apr 2019 14:22

Tgt Ion: 152 Resp: 4460

Ion Ratio Lower Upper

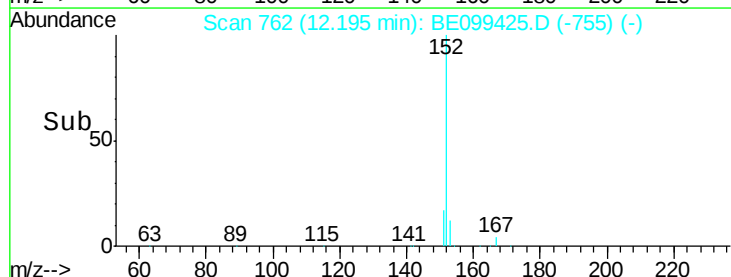
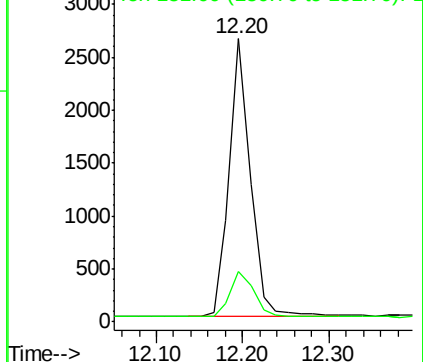
152 100

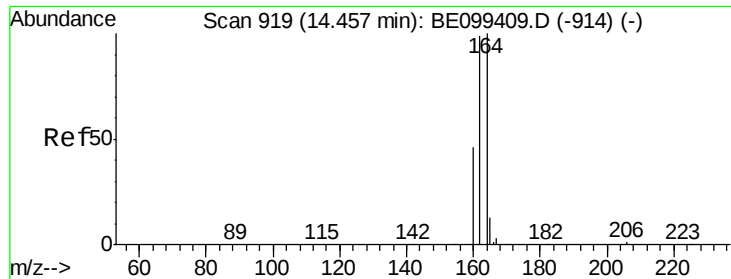
151 18.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BE099425.D (-755) (-)

Ion 151.00 (150.70 to 151.70): BE099425.D (-755) (-)

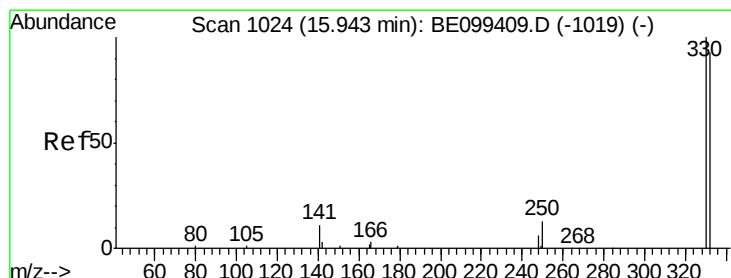
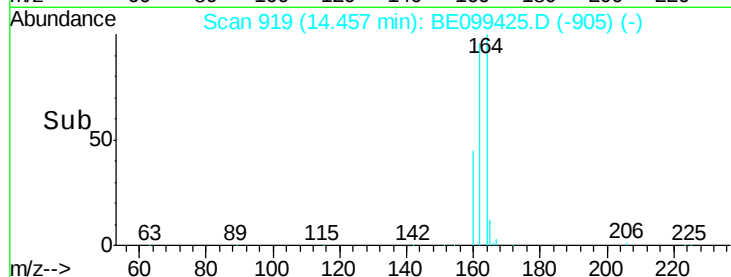
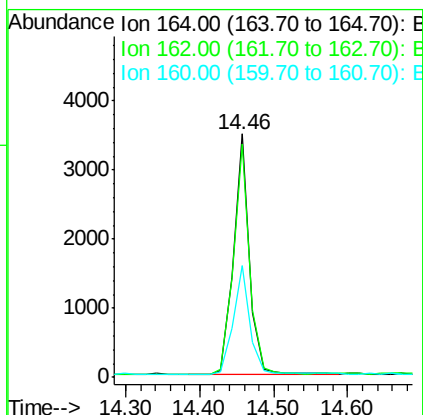
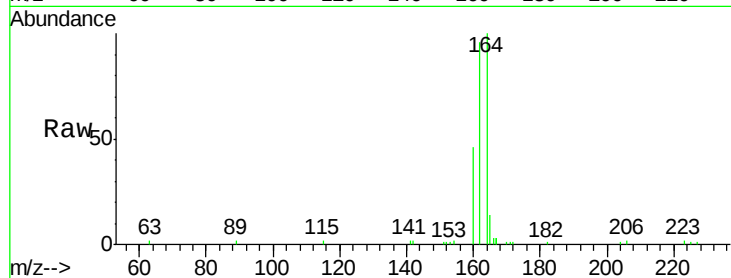




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099425.D
 Acq: 30 Apr 2019 14:22

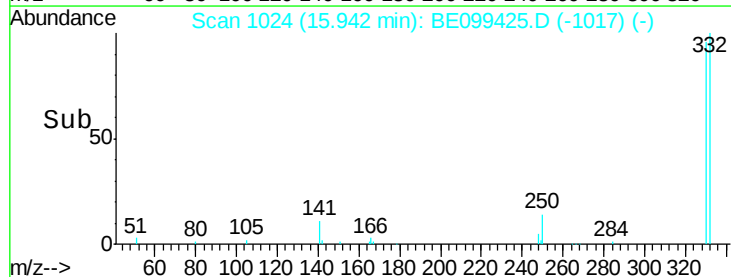
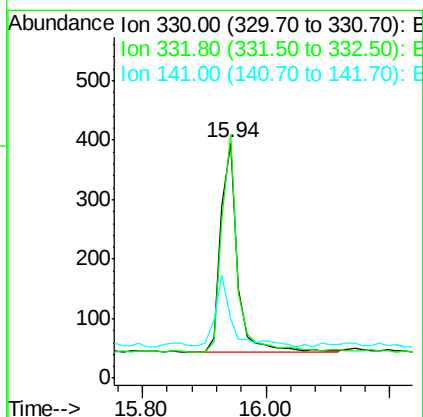
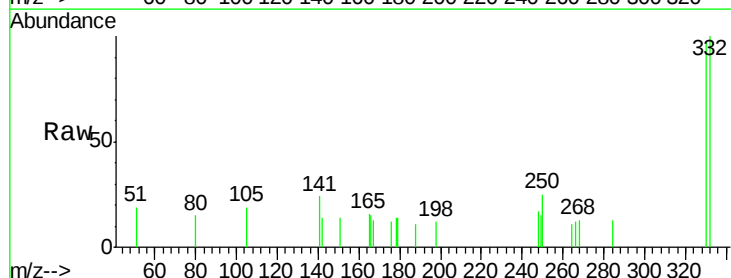
Instrument :
 BNA_E
 ClientSampleId :
 PB119230BL

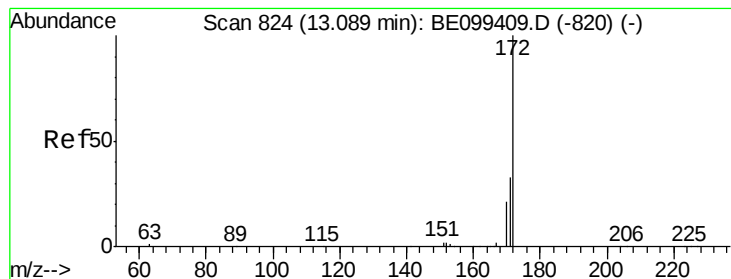
Tgt Ion:164 Resp: 5169
 Ion Ratio Lower Upper
 164 100
 162 96.1 79.0 118.4
 160 45.7 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.208 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099425.D
 Acq: 30 Apr 2019 14:22

Tgt Ion:330 Resp: 676
 Ion Ratio Lower Upper
 330 100
 332 97.0 71.5 107.3
 141 34.2 24.0 36.0





#15

2-Fluorobiphenyl

Concen: 0.336 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

Instrument :

BNA_E

ClientSampleId :

PB119230BL

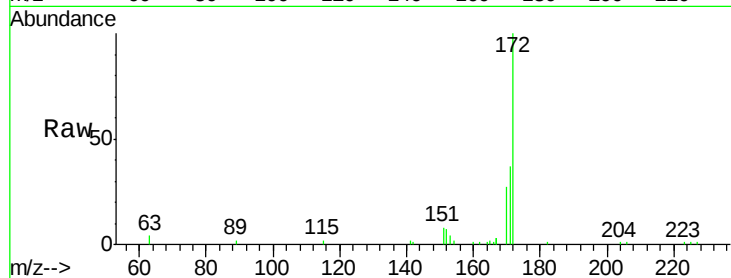
Tgt Ion:172 Resp: 6620

Ion Ratio Lower Upper

172 100

171 36.8 26.6 39.8

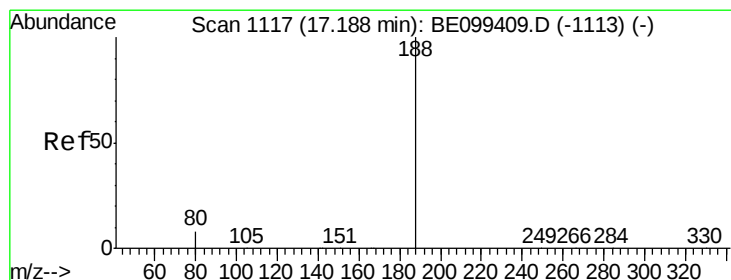
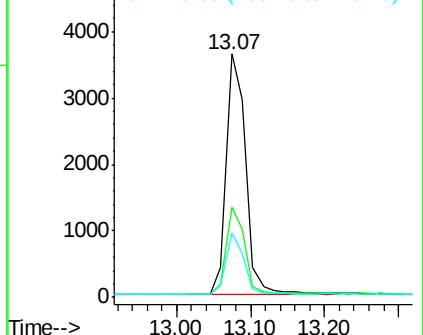
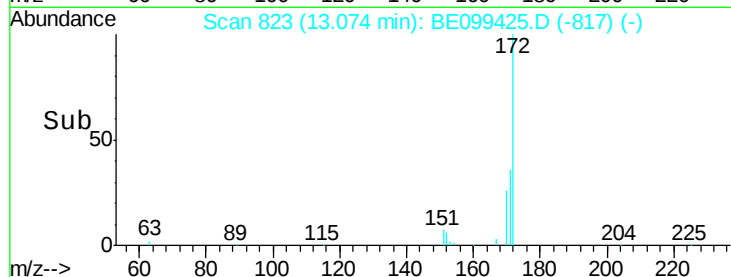
170 26.6 17.0 25.6#



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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

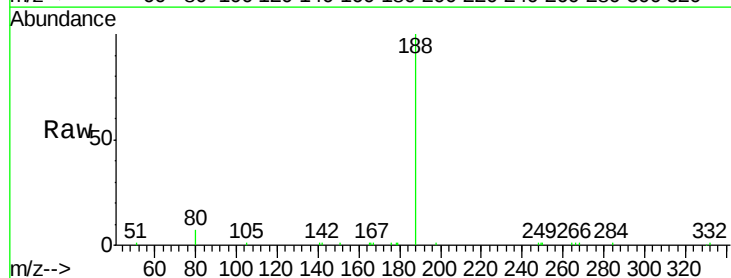
Tgt Ion:188 Resp: 13944

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

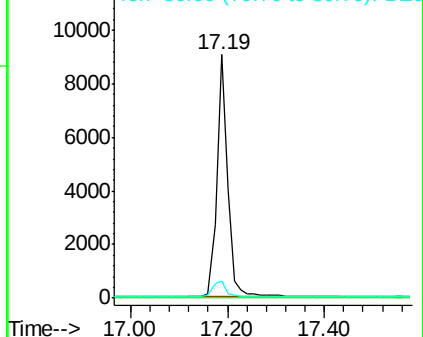
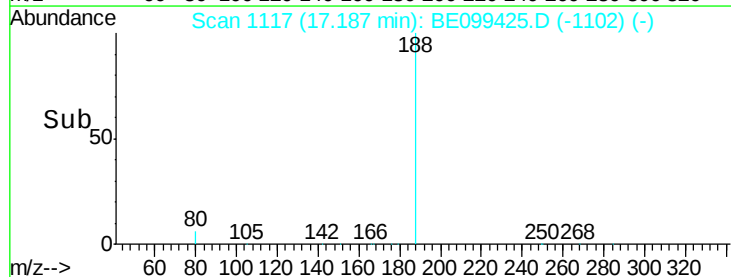
80 6.8 6.7 10.1

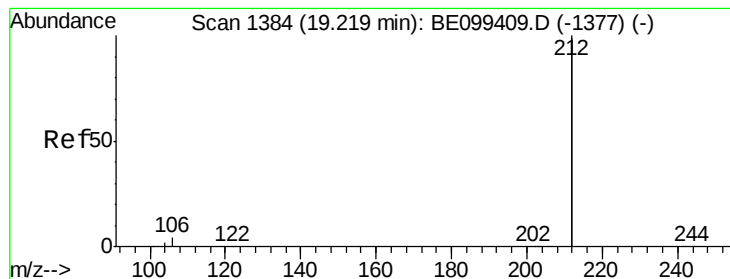


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.294 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

Instrument :

BNA_E

ClientSampleId :

PB119230BL

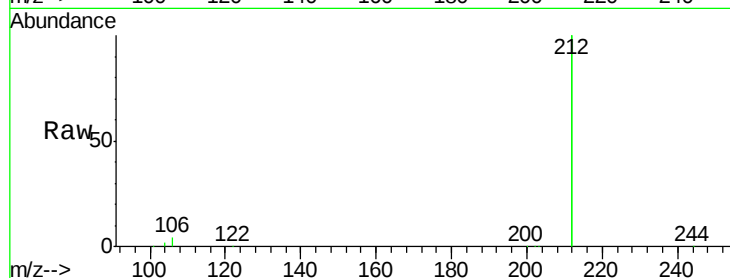
Tgt Ion:212 Resp: 55346

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

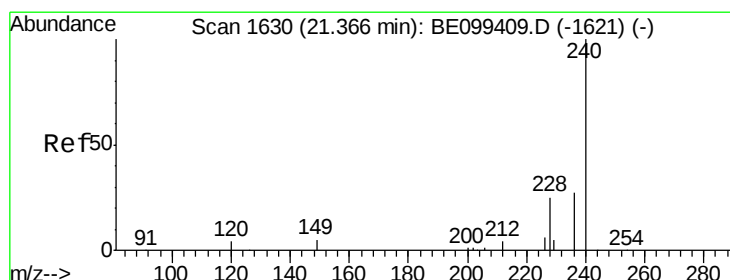
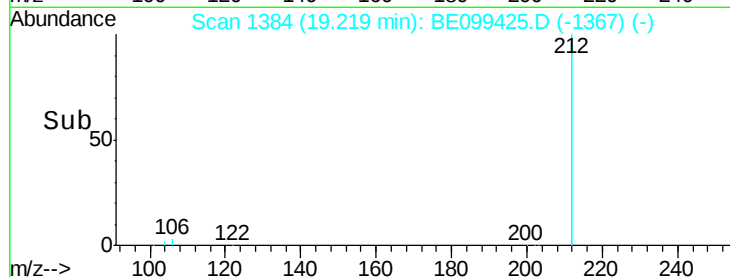
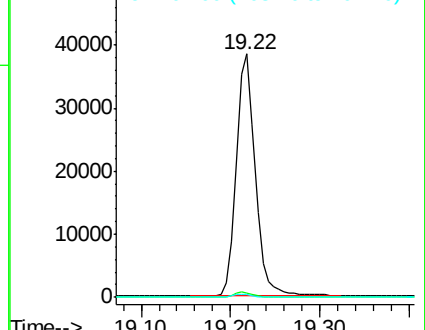
104 1.1 0.9 1.3



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: BE099425.D

Acq: 30 Apr 2019 14:22

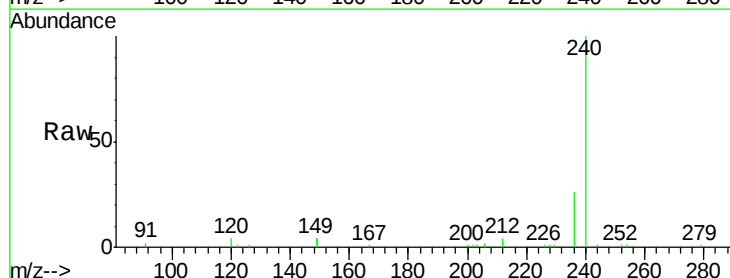
Tgt Ion:240 Resp: 18810

Ion Ratio Lower Upper

240 100

120 3.8 4.0 6.0#

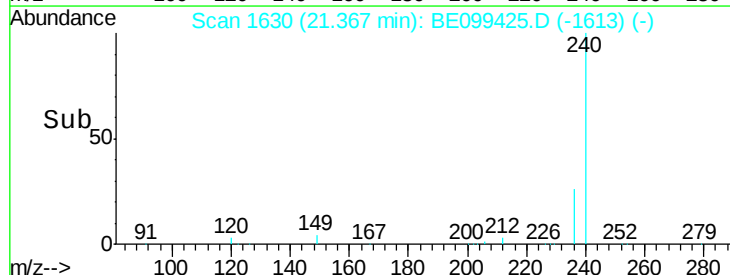
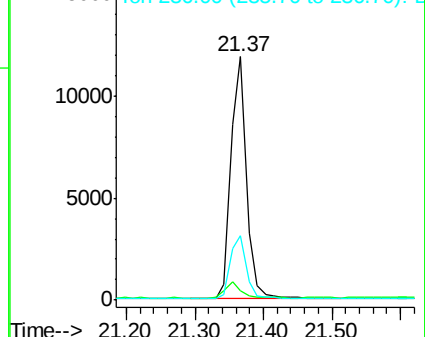
236 26.3 22.0 33.0

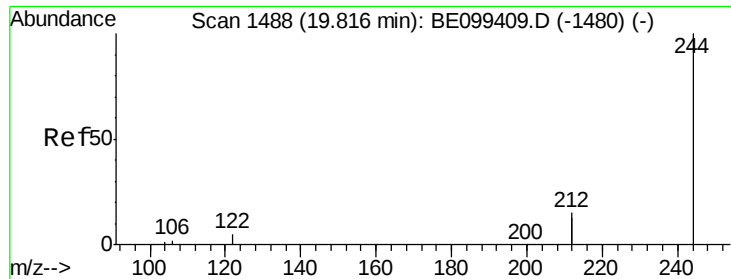


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.354 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099425.D

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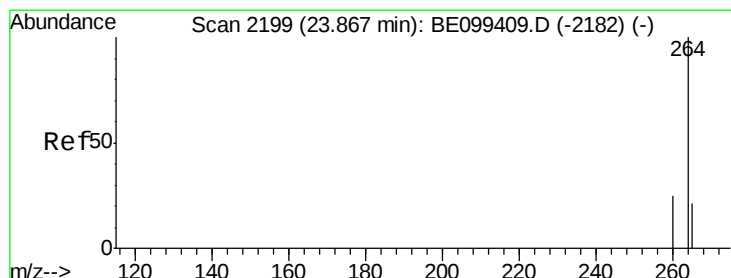
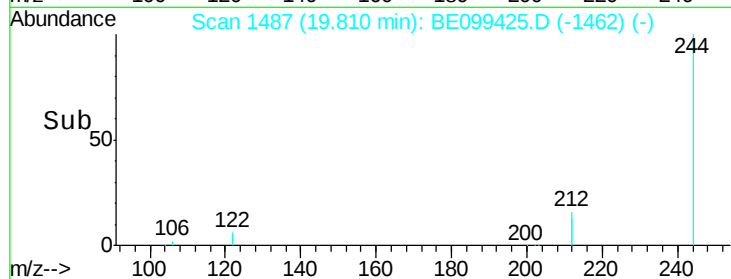
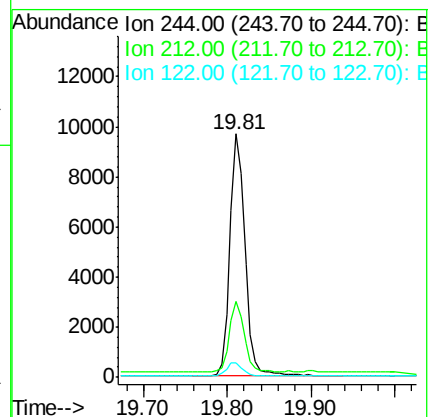
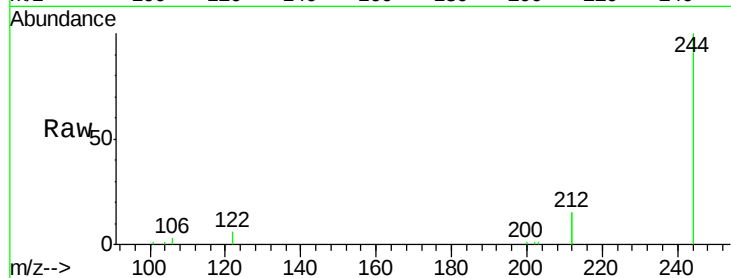
Tgt Ion:244 Resp: 12189

Ion Ratio Lower Upper

244 100

212 31.0 23.2 34.8

122 6.2 4.2 6.4



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

Tgt Ion:264 Resp: 26220

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.2

265 25.8 21.3 31.9

