

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: Apr 30 23:58:01 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

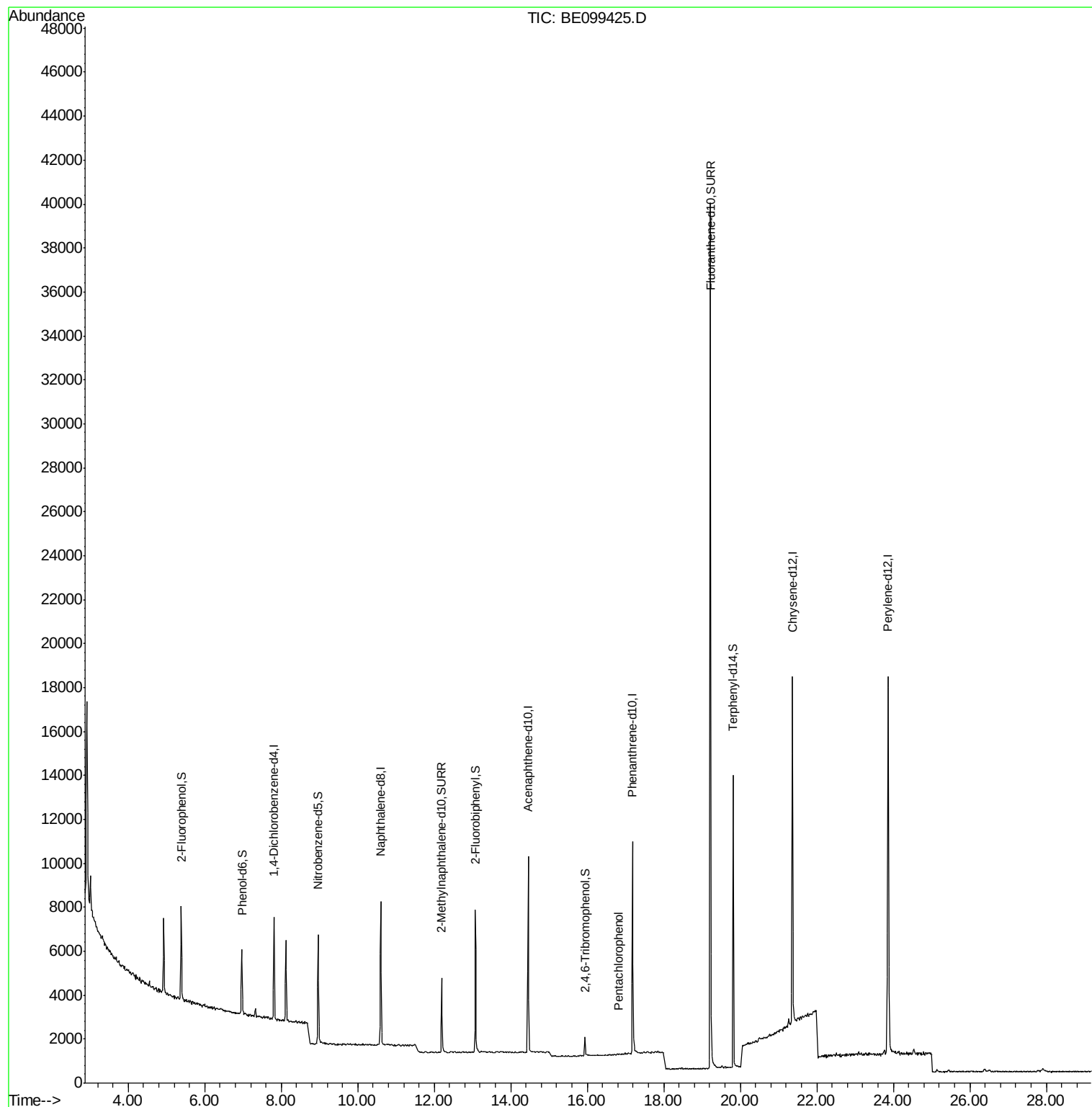
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.83	266	13	0.219	ng	# 58
32) Bis(2-ethylhexyl)phthalate	21.27	149	870	Below Cal		# 95

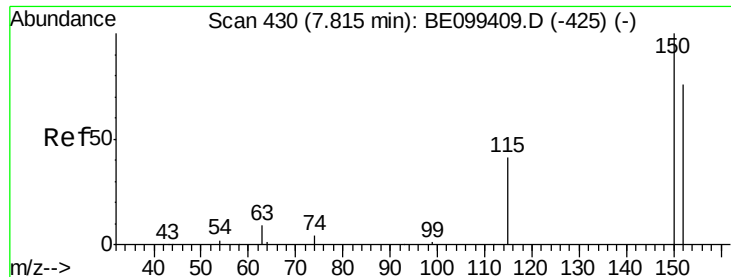
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

BNA_E

ClientSampleId :

PB119230BL

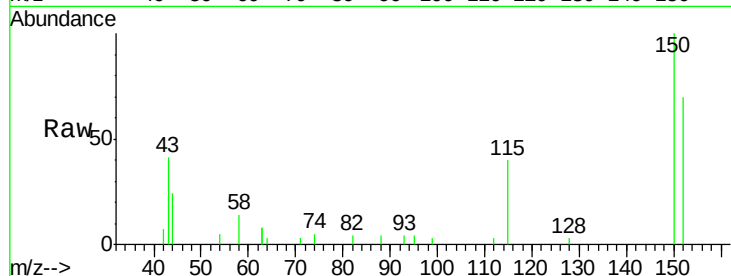
Tot Ion:152 Resp: 2601

Ion Ratio Lower Upper

152 100

150 141.9 104.8 157.2

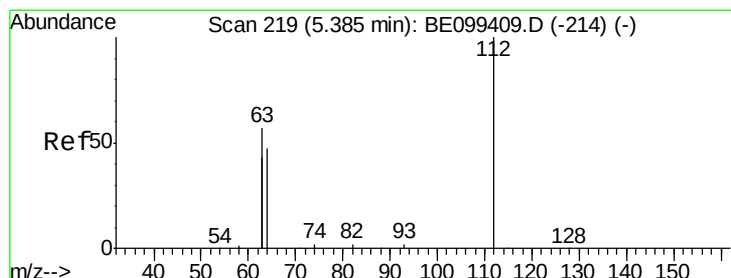
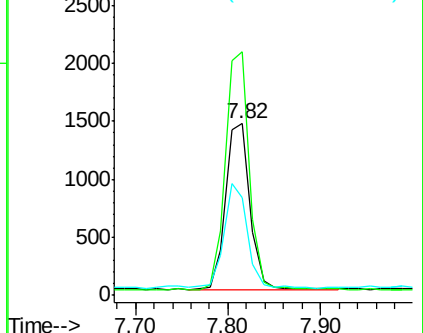
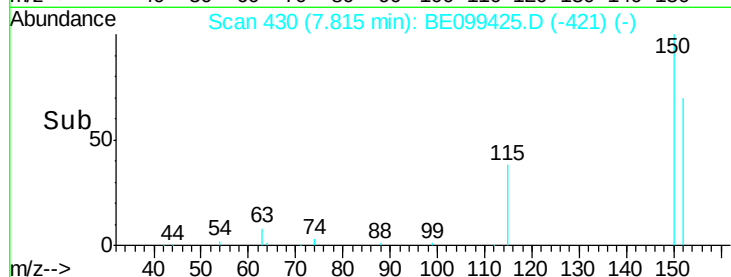
115 57.0 46.6 69.8



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

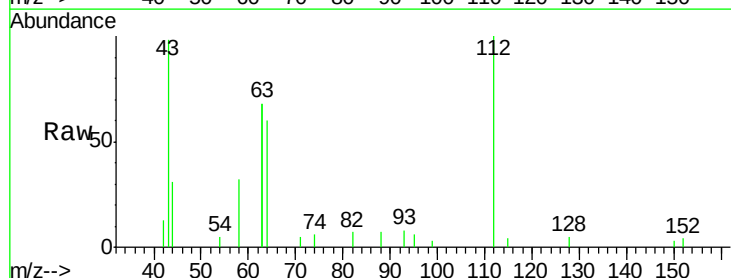
Tgt Ion:112 Resp: 2195

Ion Ratio Lower Upper

112 100

64 58.3 47.4 71.0

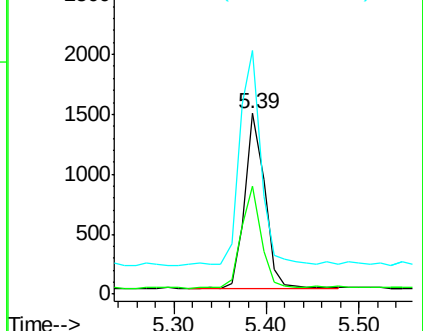
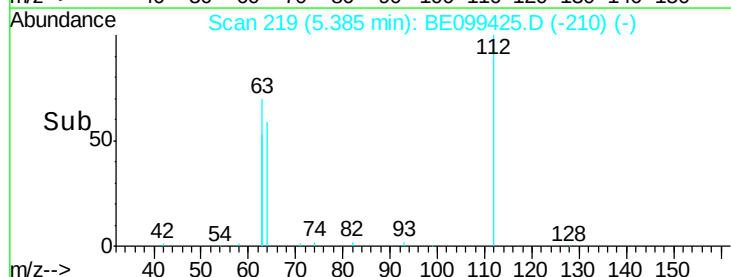
63 129.2 104.3 156.5

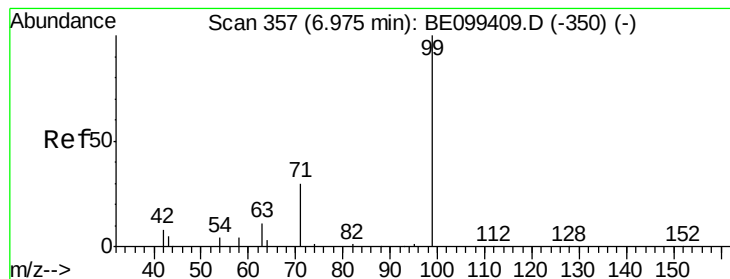


Abundance Ion 112.00 (111.70 to 112.70): E

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

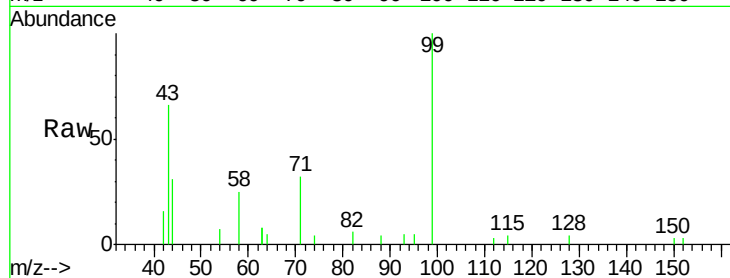
Tot Ion: 99 Resp: 2956

Ion Ratio Lower Upper

99 100

42 16.4 14.9 22.3

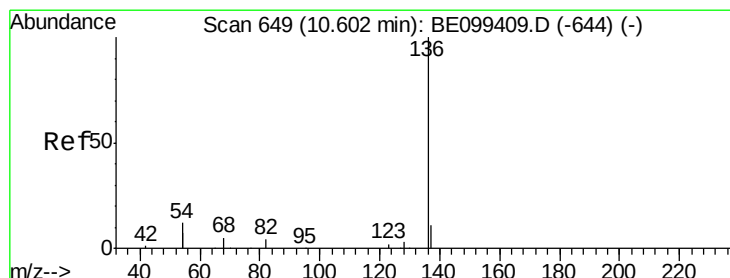
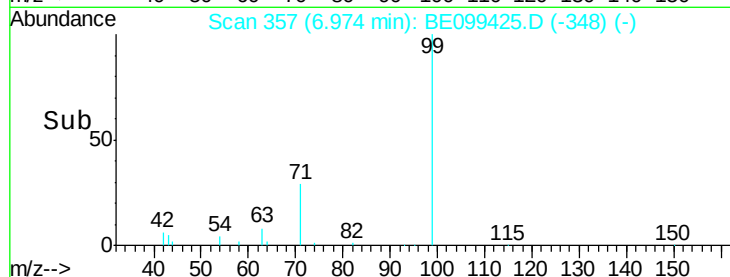
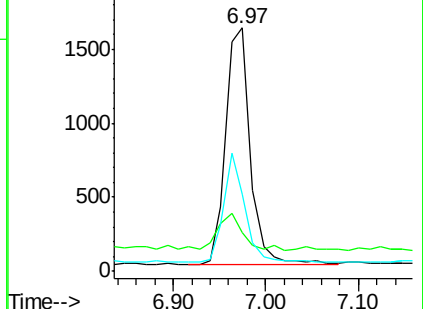
71 39.5 33.0 49.6



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

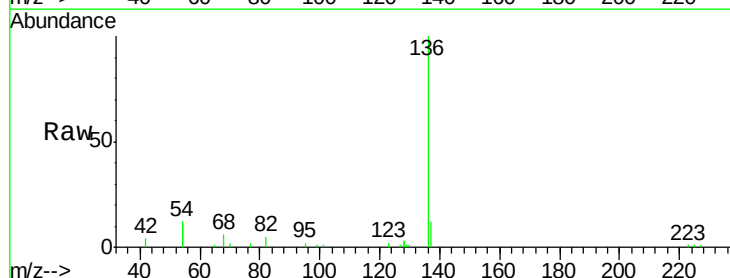
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 23.8 18.5 27.7

68 6.0 4.7 7.1

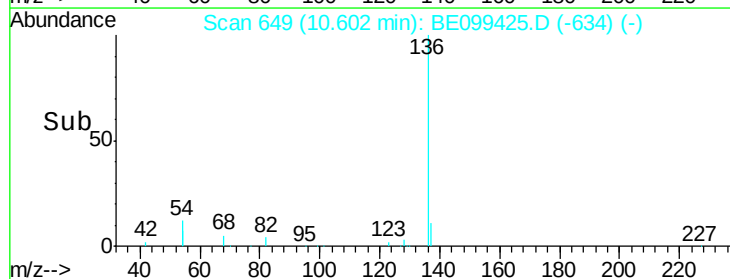
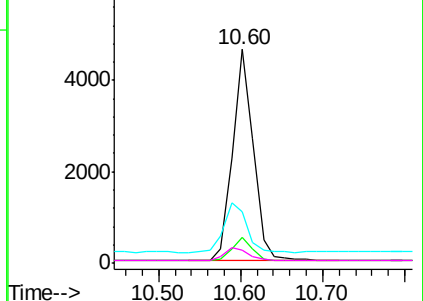


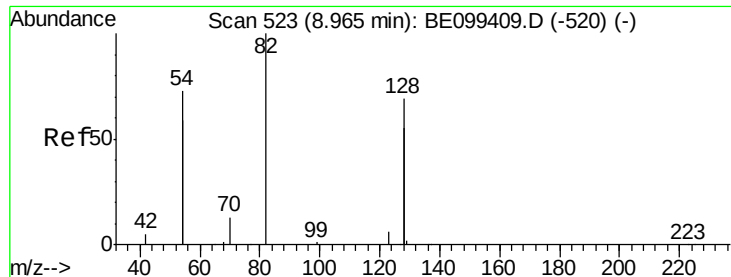
Abundance Ion 136.00 (135.70 to 136.70): E

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

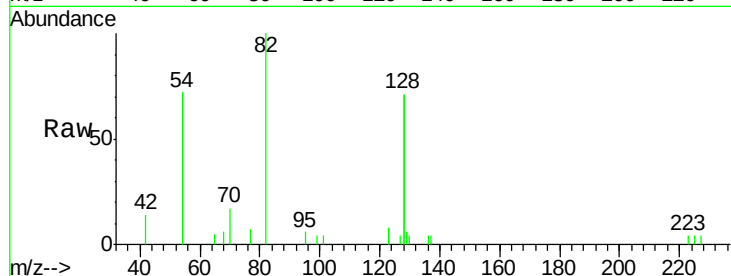
Tot Ion: 82 Resp: 2357

Ion Ratio Lower Upper

82 100

128 142.2 107.0 160.4

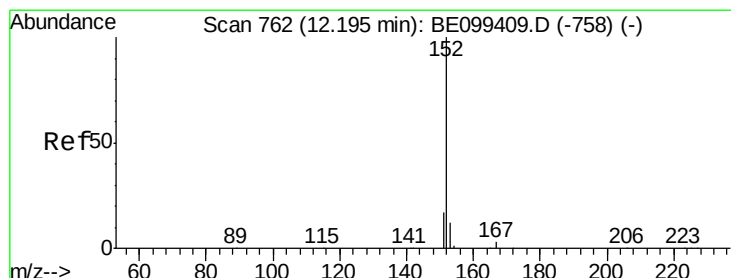
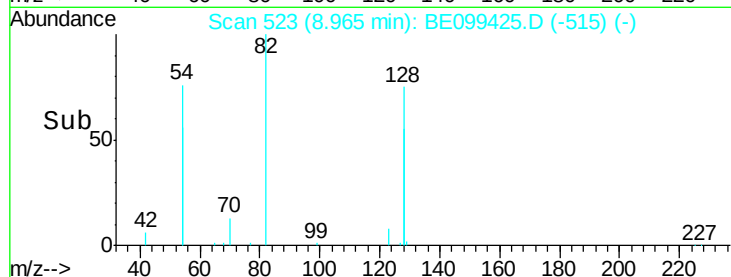
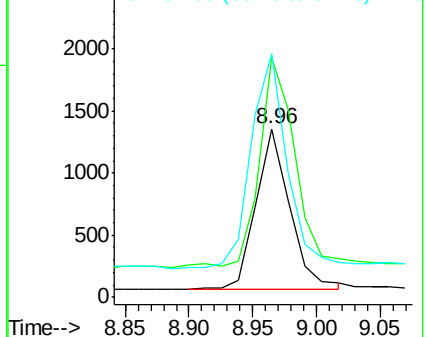
54 144.8 113.1 169.7



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

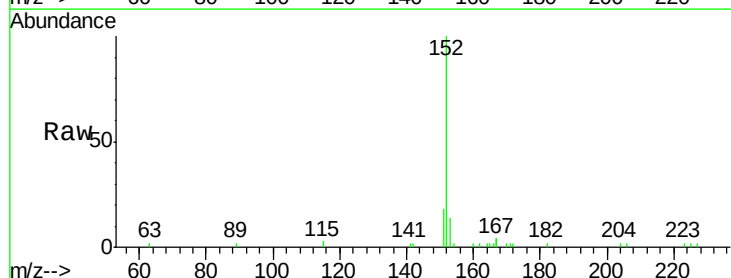
Acq: 30 Apr 2019 14:22

Tgt Ion: 152 Resp: 4460

Ion Ratio Lower Upper

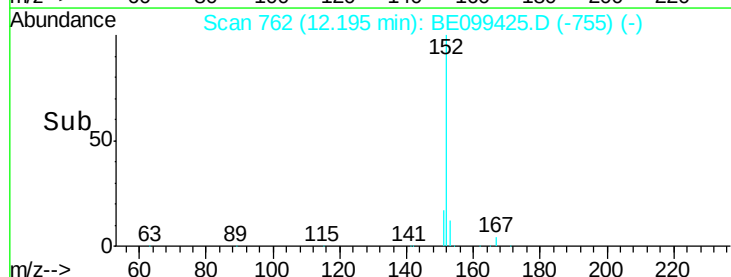
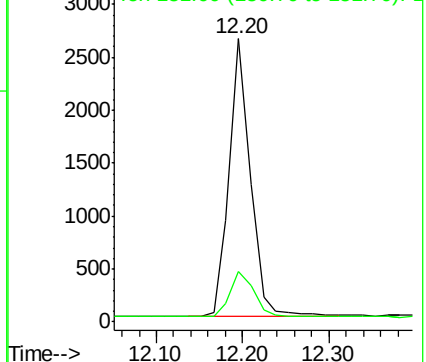
152 100

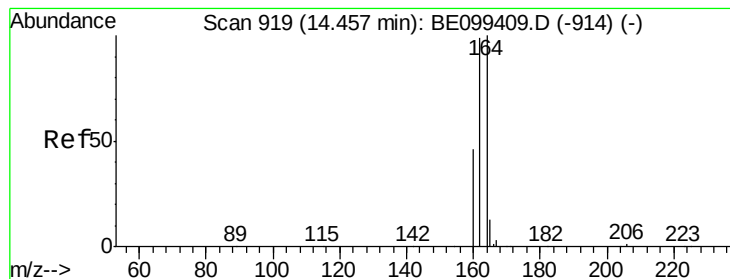
151 18.5 15.5 23.3



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

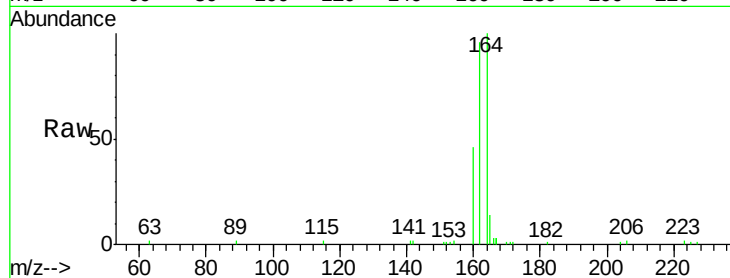
Tot Ion:164 Resp: 5169

Ion Ratio Lower Upper

164 100

162 96.1 79.0 118.4

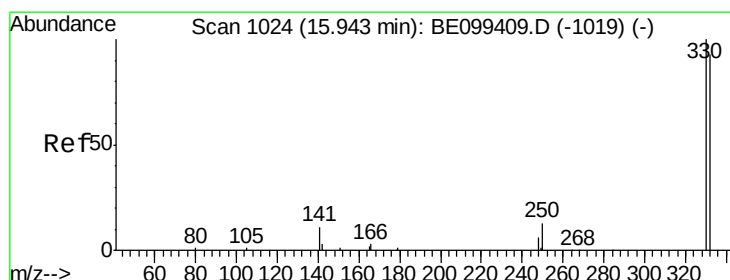
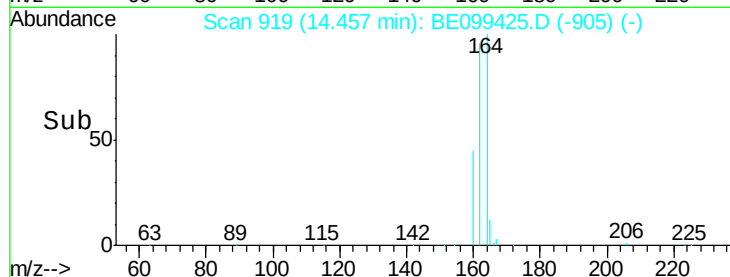
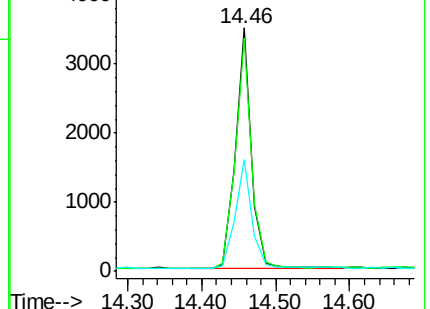
160 45.7 37.0 55.4



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: 0.208 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

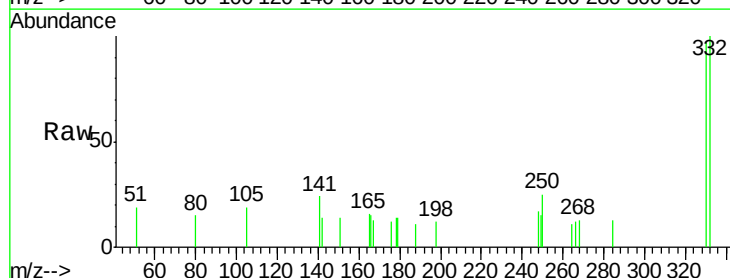
Tgt Ion:330 Resp: 676

Ion Ratio Lower Upper

330 100

332 97.0 71.5 107.3

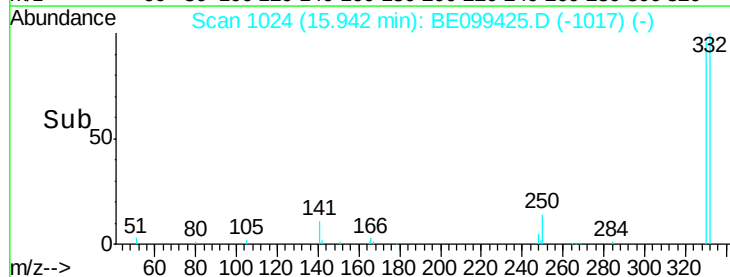
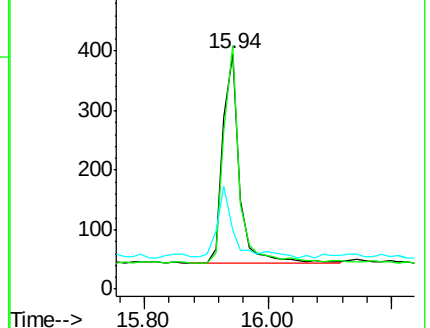
141 34.2 24.0 36.0

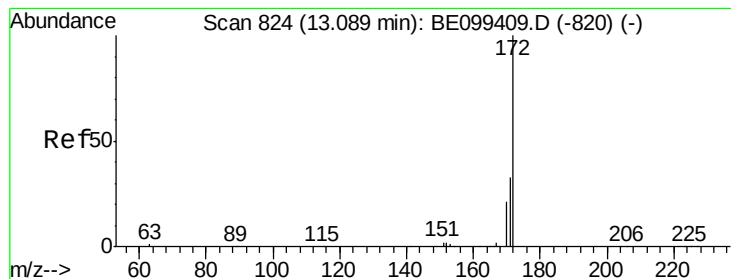


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

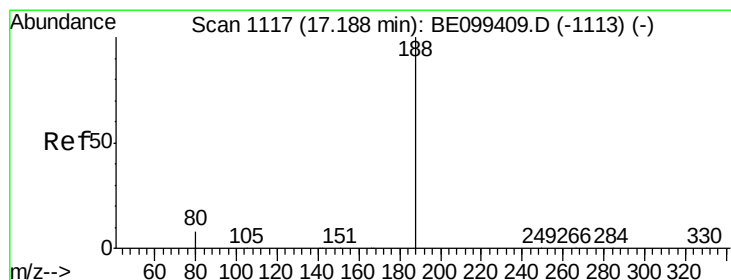
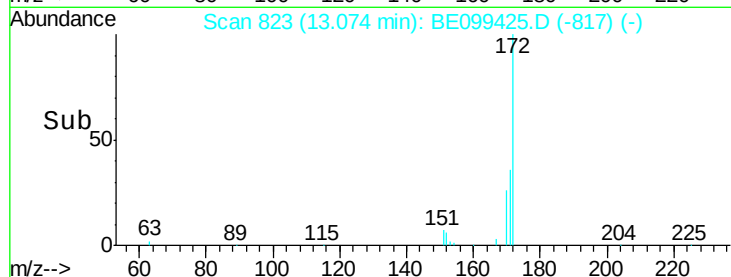
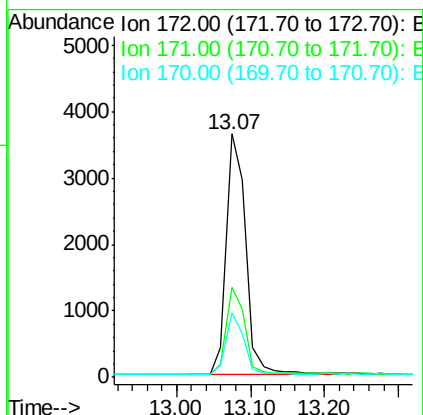
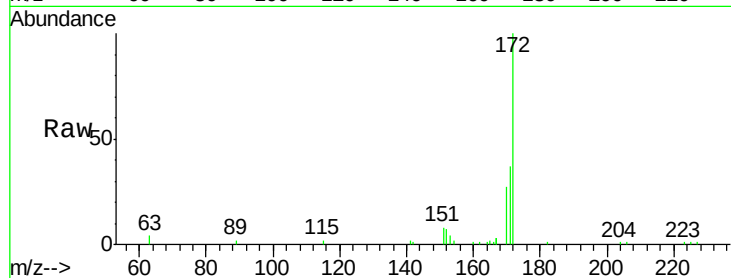




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099425.D
Acq: 30 Apr 2019 14:22

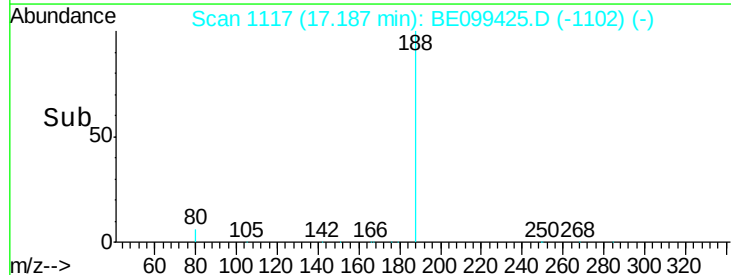
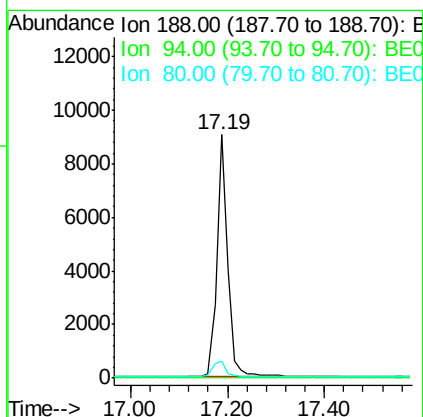
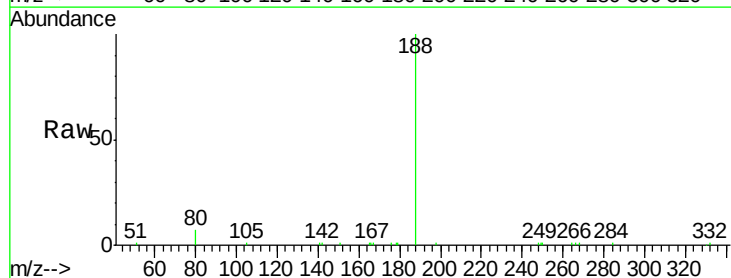
Instrument :
BNA_E
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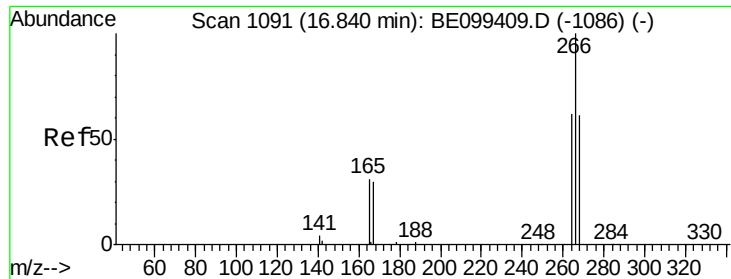
Tot Ion:172 Resp: 6620
Ion Ratio Lower Upper
172 100
171 36.8 26.6 39.8
170 26.6 17.0 25.6#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: 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





#22

Pentachlorophenol

Concen: 0.219 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE099425.D

Acq: 30 Apr 2019 14:22

Instrument :

BNA_E

ClientSampleId :

PB119230BL

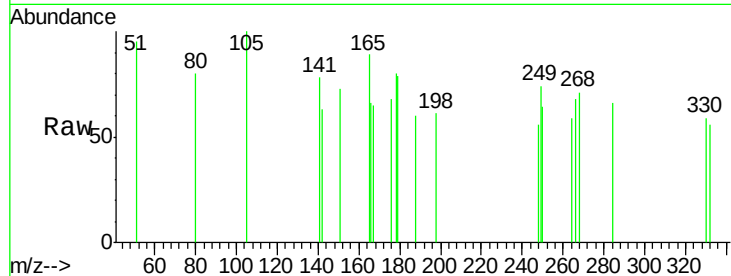
Tot Ion:266 Resp: 13

Ion Ratio Lower Upper

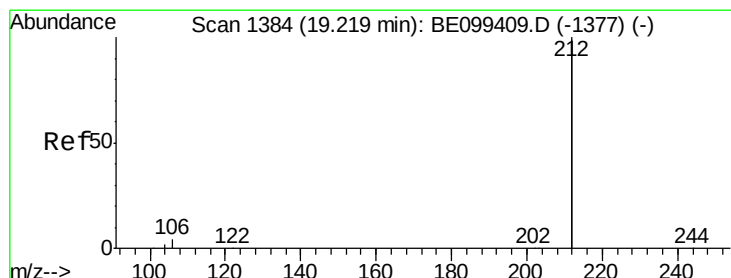
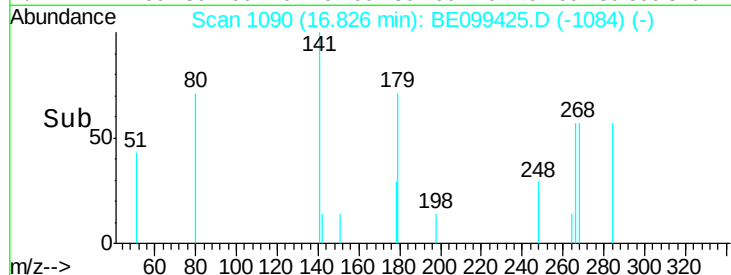
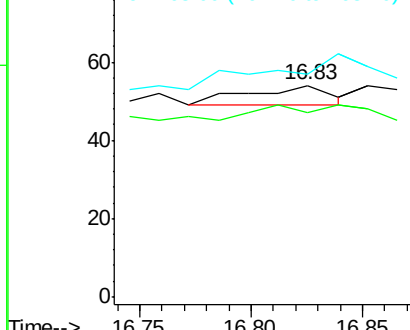
266 100

264 87.0 50.8 76.2#

268 105.6 50.5 75.7#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#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

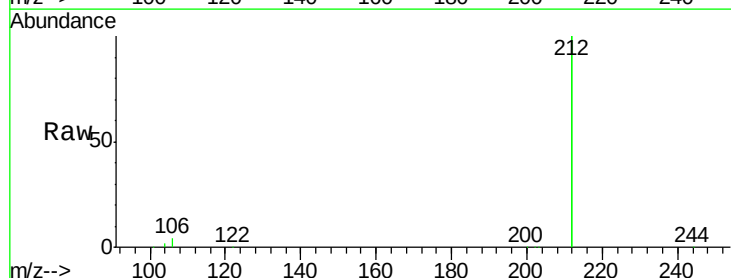
Tgt Ion:212 Resp: 55346

Ion Ratio Lower Upper

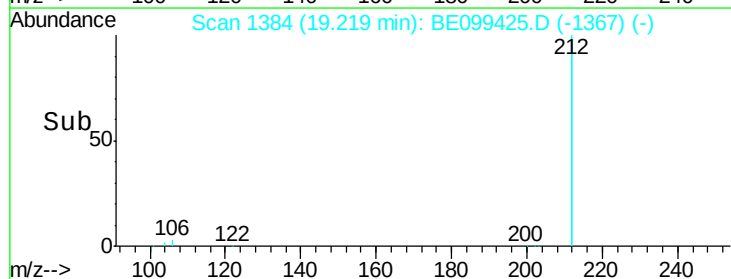
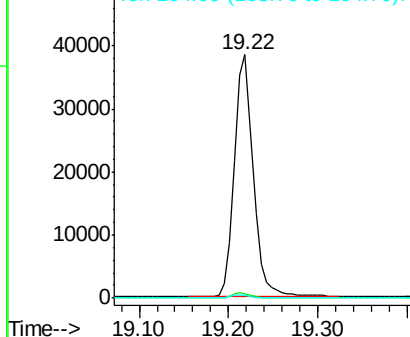
212 100

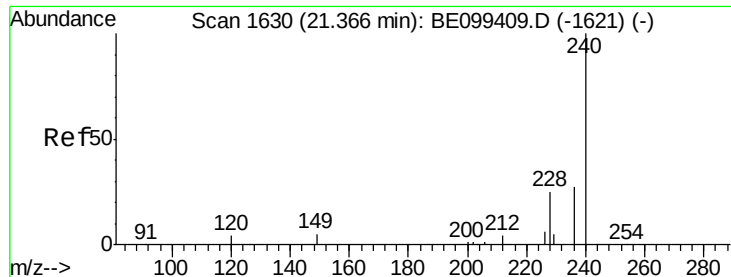
106 1.9 1.5 2.3

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

Instrument :

BNA_E

ClientSampleId :

PB119230BL

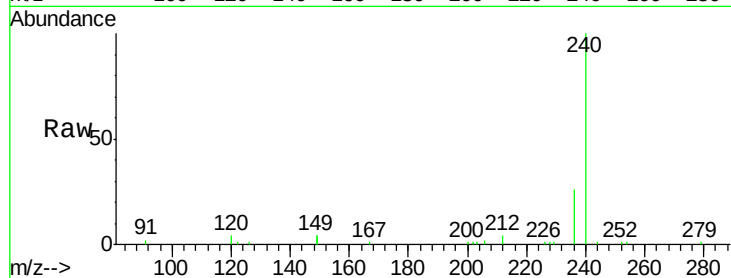
Tot Ion:240 Resp: 18810

Ion Ratio Lower Upper

240 100

120 3.8 4.0 6.0#

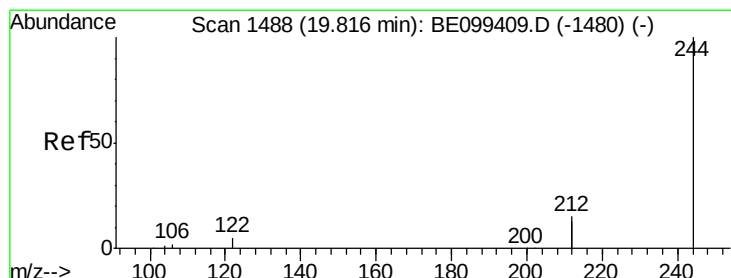
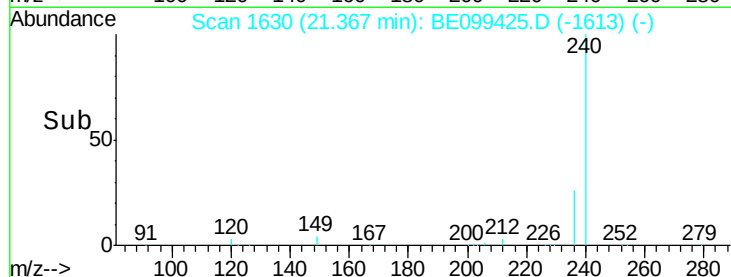
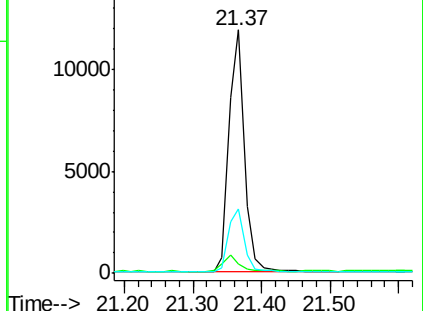
236 26.3 22.0 33.0



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

Acq: 30 Apr 2019 14:22

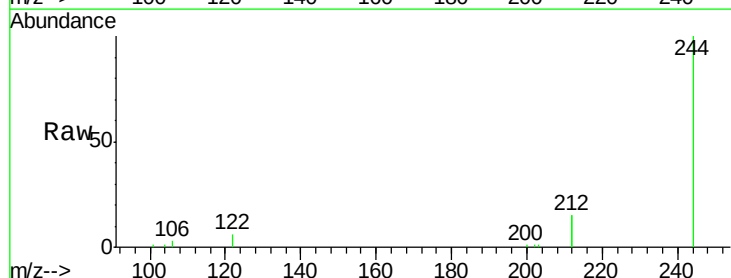
Tgt Ion:244 Resp: 12189

Ion Ratio Lower Upper

244 100

212 31.0 23.2 34.8

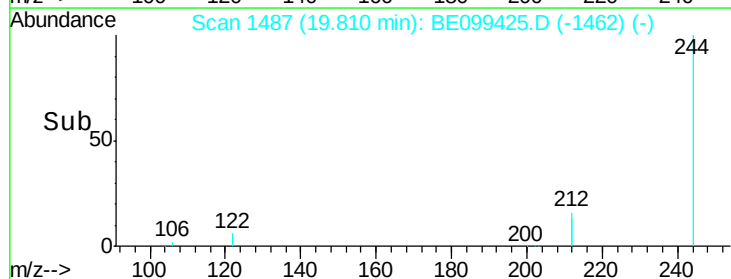
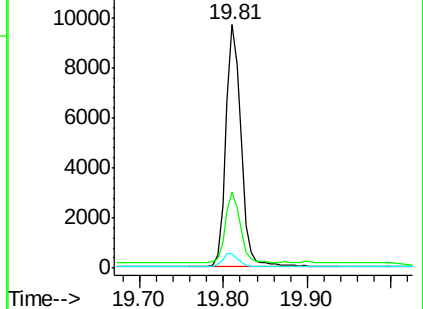
122 6.2 4.2 6.4

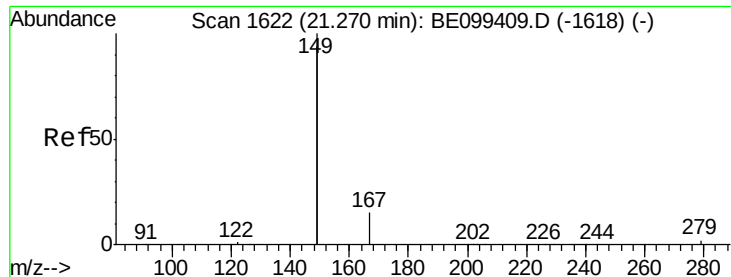


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

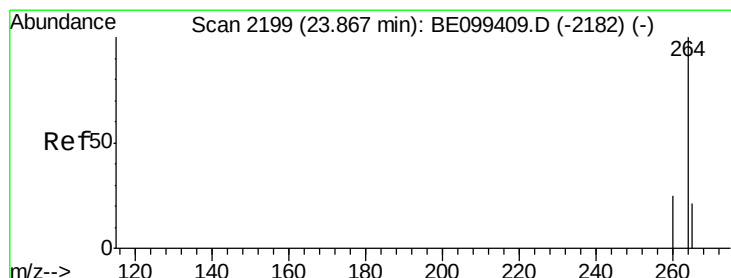
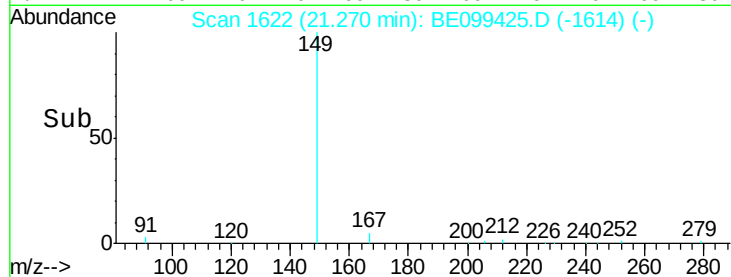
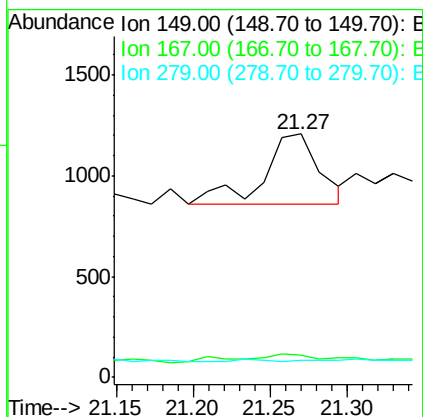
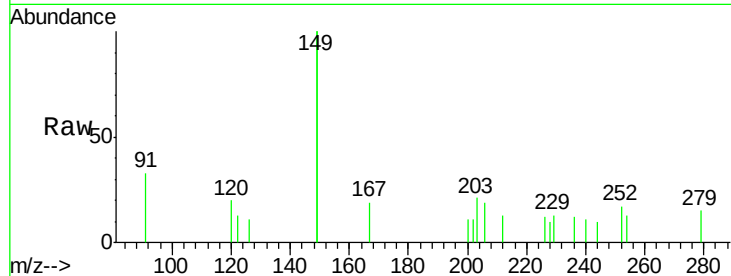




#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.27 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BE099425.D
 Acq: 30 Apr 2019 14:22

Instrument :
 BNA_E
 ClientSampleId :
 PB119230BL

Tot Ion:149 Resp: 870
 Ion Ratio Lower Upper
 149 100
 167 9.3 5.8 8.6#
 279 1.0 1.0 1.6#



#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

