

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
 Data File : BE099342.D
 Acq On : 18 Apr 2019 18:03
 Operator : JU/SJ
 Sample : K2425-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-190415

Quant Time: Apr 19 07:03:16 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3592	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13252	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9727	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29528	0.40	ng	0.00
27) Chrysene-d12	21.37	240	34846	0.40	ng	0.00
34) Perylene-d12	23.86	264	37860	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	1696	0.19	ng	0.00
5) Phenol-d6	6.98	99	1354	0.11	ng	0.00
8) Nitrobenzene-d5	8.96	82	4402	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	9712	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1866	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	15450	0.40	ng	0.00
25) Fluoranthene-d10	19.21	212	169484	0.48	ng	0.00
29) Terphenyl-d14	19.81	244	33082	0.48	ng	0.00

Target Compounds

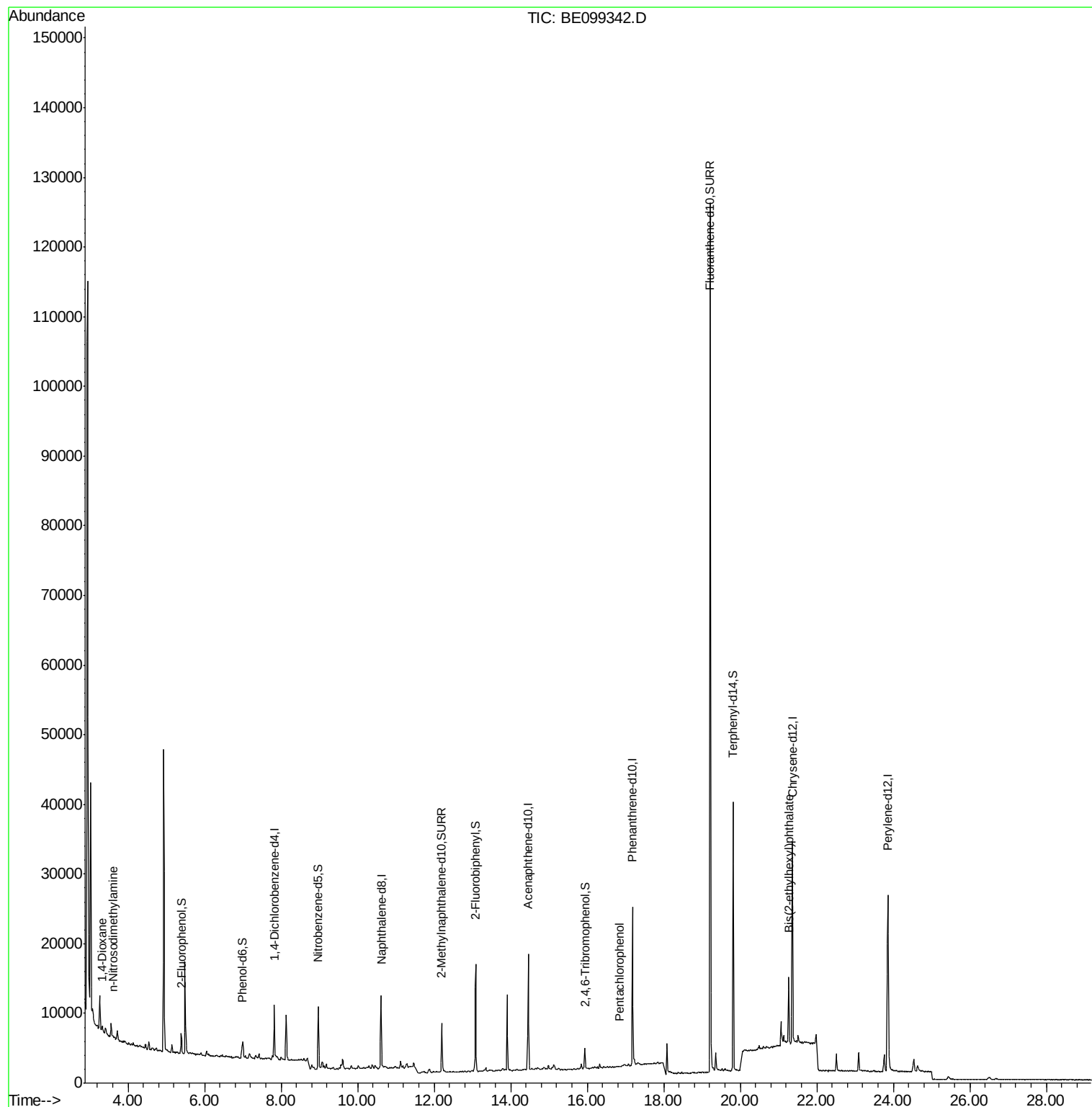
						Qvalue
2) 1,4-Dioxane	3.32	88	406	0.081	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	129	0.048	ng	# 1
22) Pentachlorophenol	16.84	266	66	0.231	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.27	149	12678	0.136	ng	99

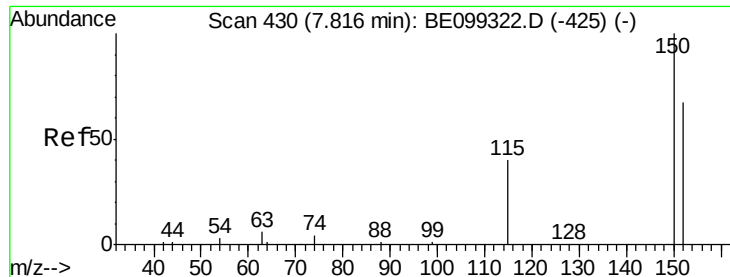
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099342.D

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BNA_E

ClientSampleId :

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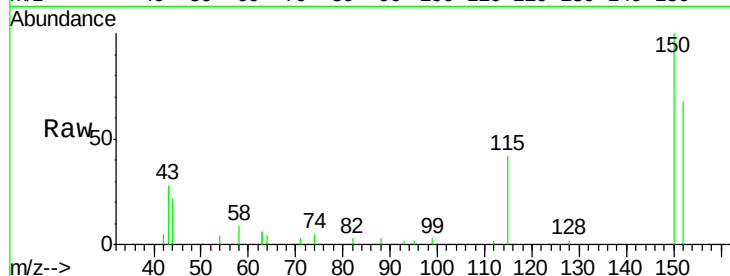
Tgt Ion:152 Resp: 3592

Ion Ratio Lower Upper

152 100

150 147.0 119.5 179.3

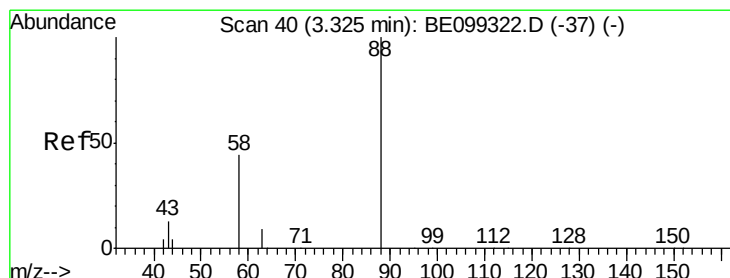
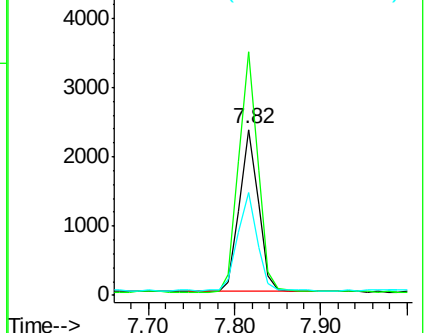
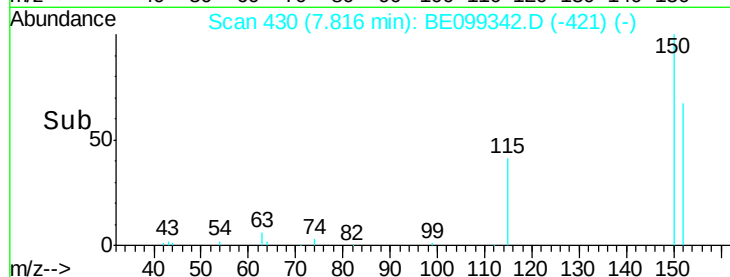
115 62.0 47.5 71.3



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



#2

1,4-Dioxane

Concen: 0.081 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

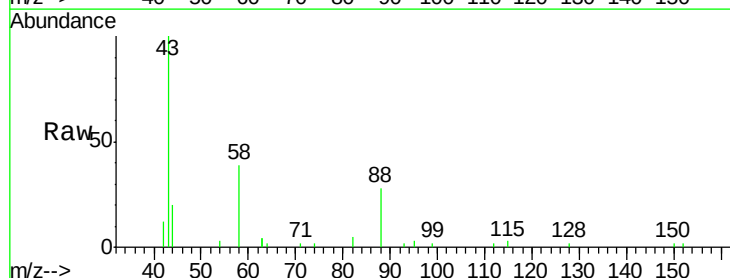
Tgt Ion: 88 Resp: 406

Ion Ratio Lower Upper

88 100

58 141.9 49.1 73.7#

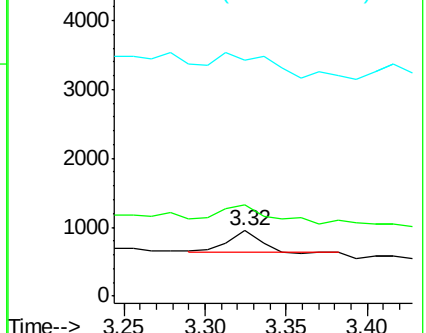
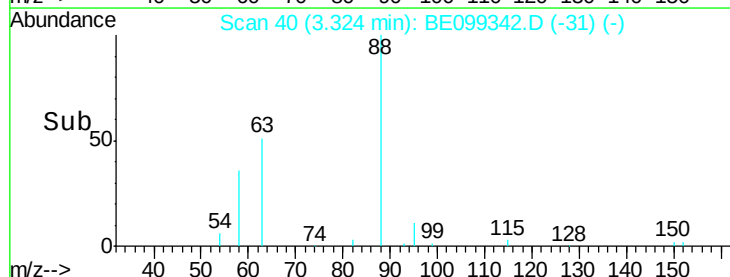
43 158.4 17.9 26.9#

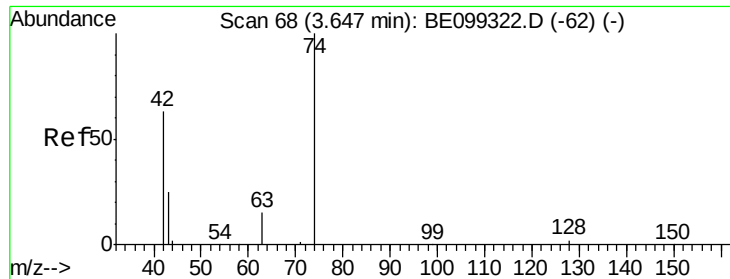


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.05 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

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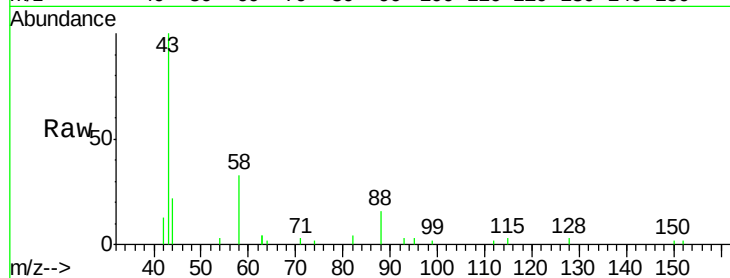
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

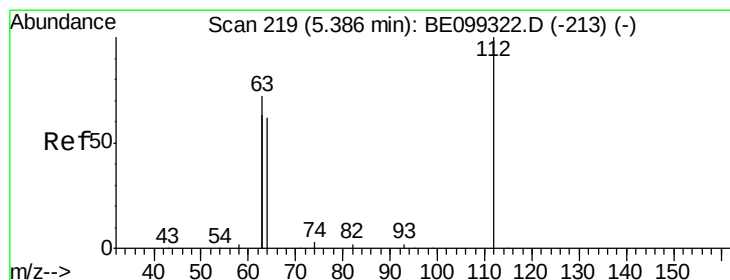
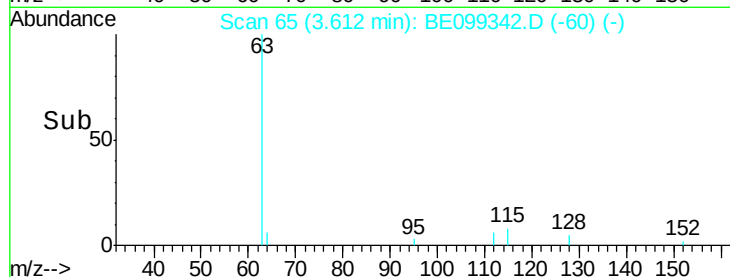
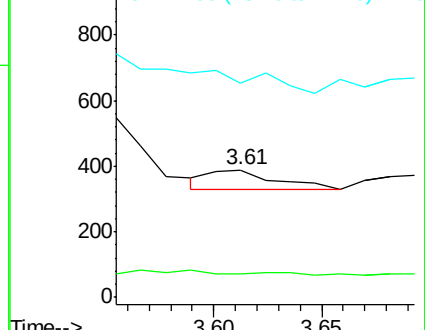
42 100

74 0.0 145.8 218.8#

44 0.0 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.193 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

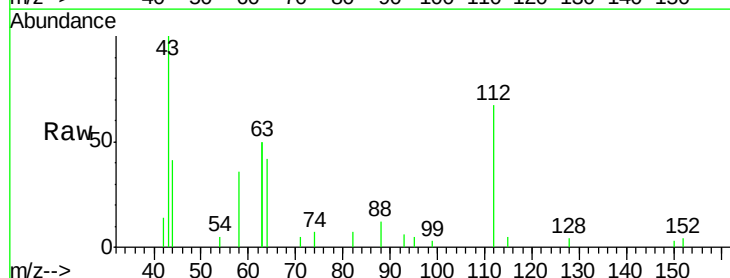
Tgt Ion: 112 Resp: 1696

Ion Ratio Lower Upper

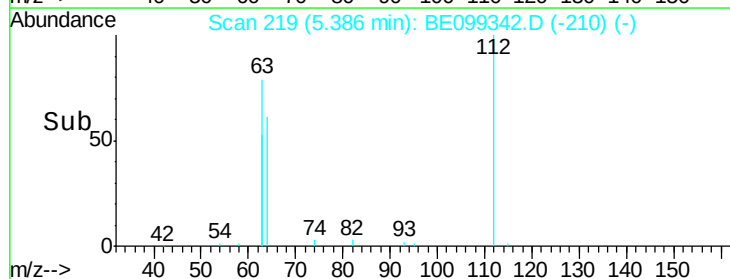
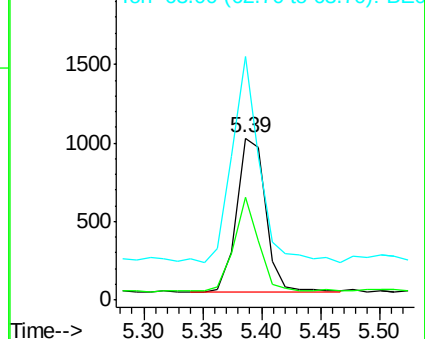
112 100

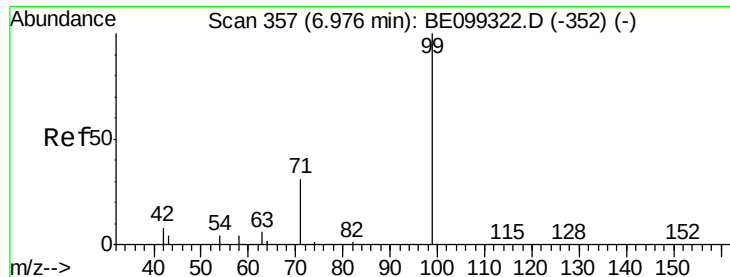
64 52.4 44.9 67.3

63 123.9 97.4 146.0



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: 0.108 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190415

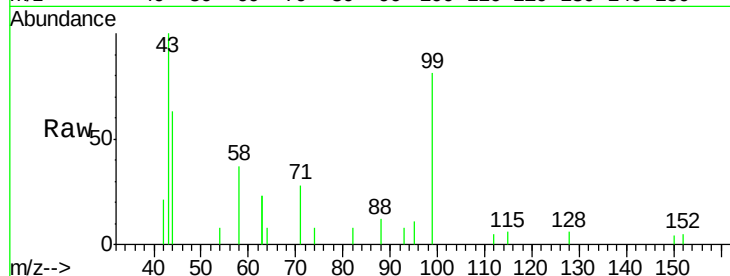
Tgt Ion: 99 Resp: 1354

Ion Ratio Lower Upper

99 100

42 21.6 11.7 17.5#

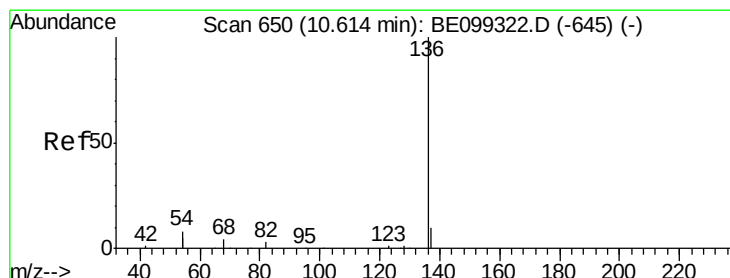
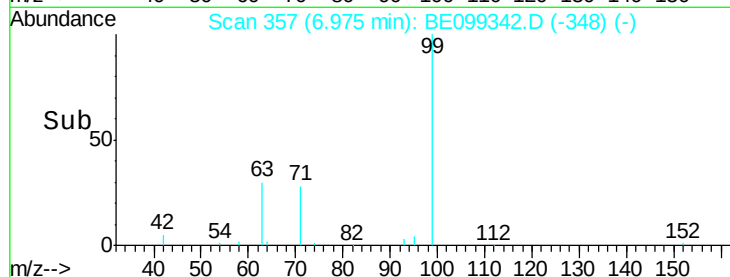
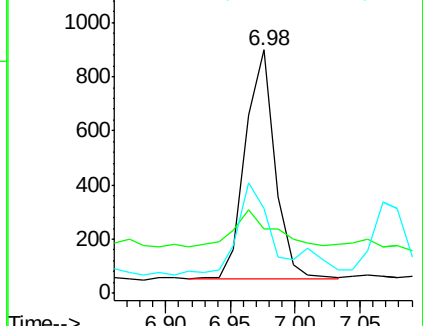
71 44.8 29.6 44.4#



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

Tgt Ion: 136 Resp: 13252

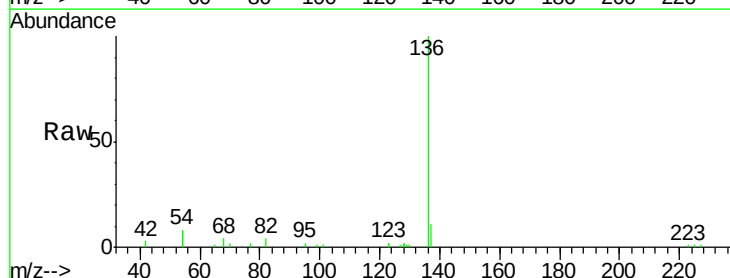
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 15.8 23.8 35.8#

68 4.4 6.4 9.6#

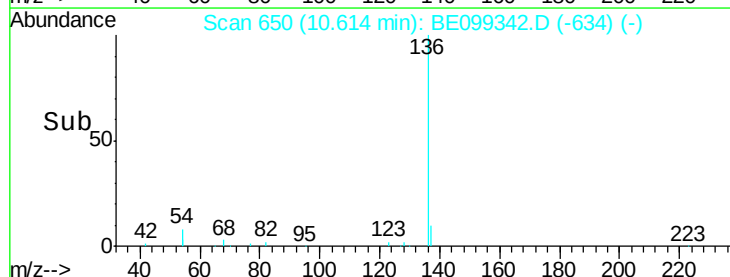
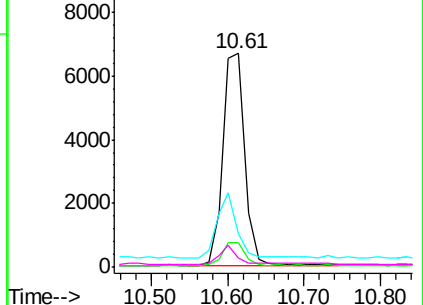


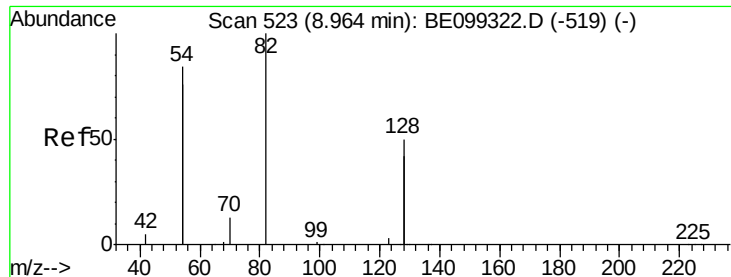
Abundance Ion 136.00 (135.70 to 136.70): E

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

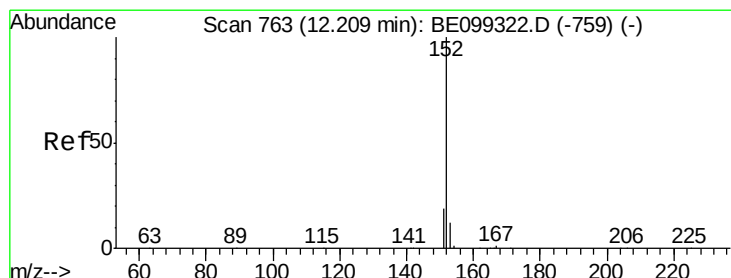
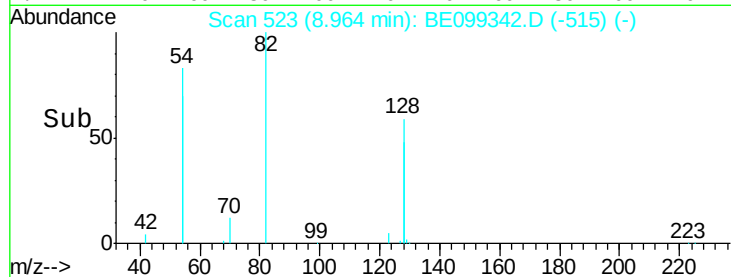
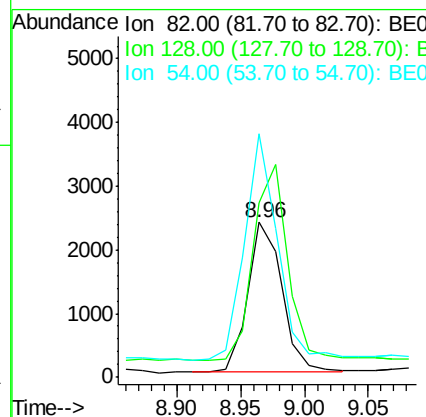
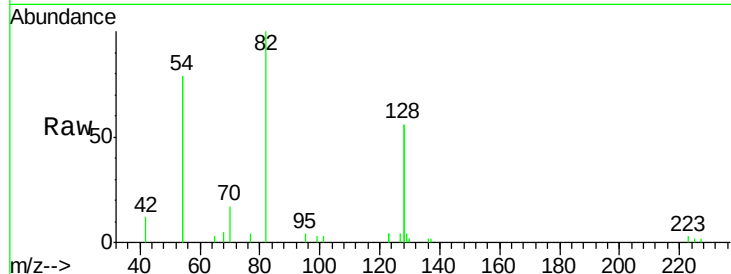




#8
 Nitrobenzene-d5
 Concen: 0.428 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BE099342.D
 Acq: 18 Apr 2019 18:03

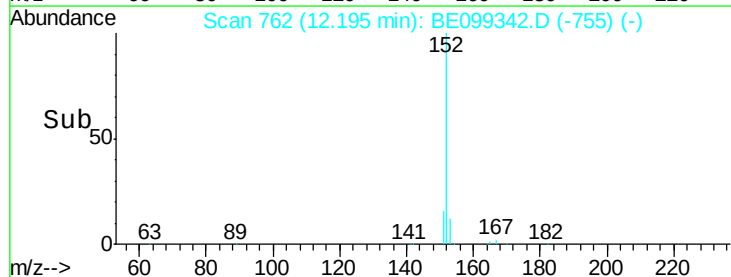
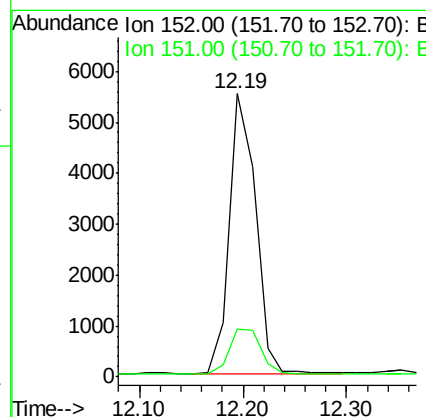
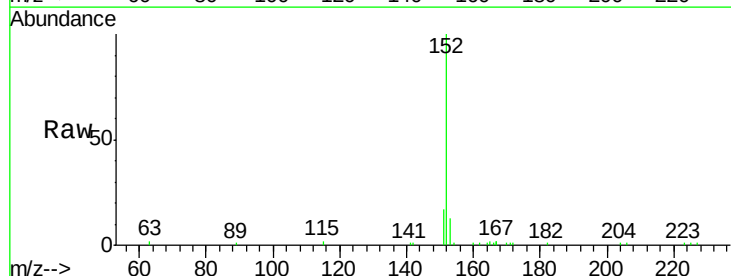
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-190415

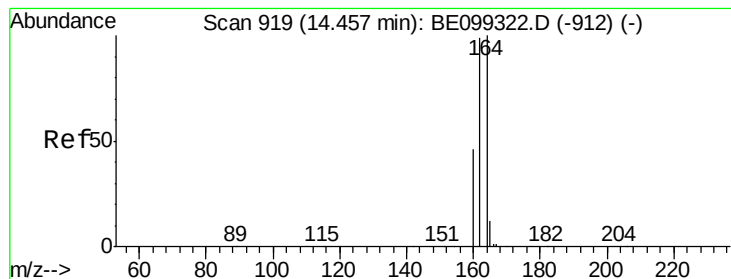
Tgt Ion: 82 Resp: 4402
 Ion Ratio Lower Upper
 82 100
 128 112.6 91.7 137.5
 54 157.3 122.8 184.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099342.D
 Acq: 18 Apr 2019 18:03

Tgt Ion: 152 Resp: 9712
 Ion Ratio Lower Upper
 152 100
 151 19.6 14.9 22.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190415

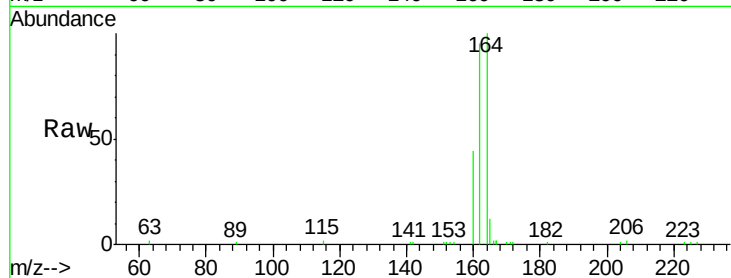
Tgt Ion:164 Resp: 9727

Ion Ratio Lower Upper

164 100

162 94.9 77.8 116.6

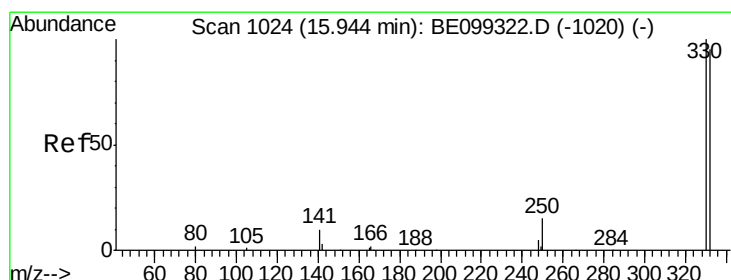
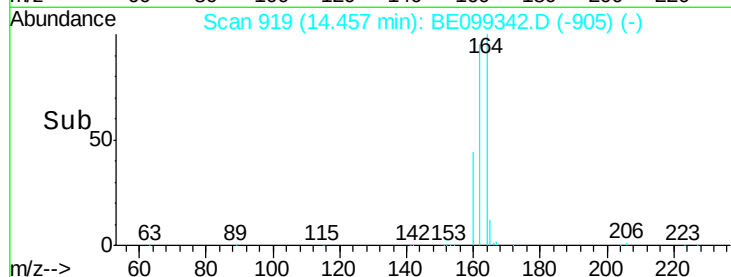
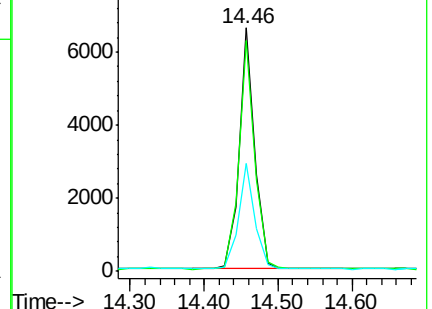
160 44.4 37.1 55.7



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: 0.578 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

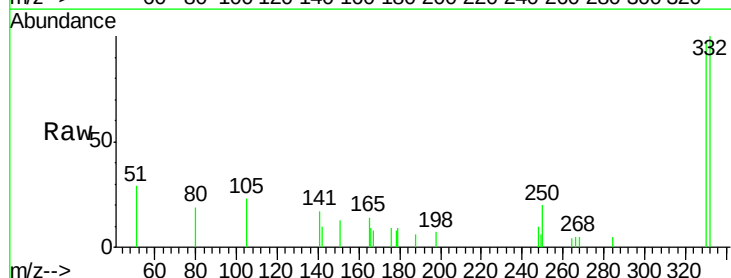
Tgt Ion:330 Resp: 1866

Ion Ratio Lower Upper

330 100

332 97.2 82.5 123.7

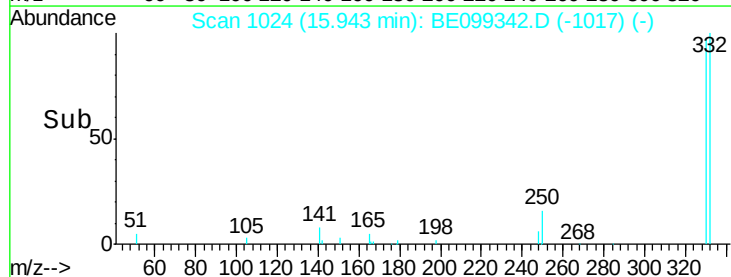
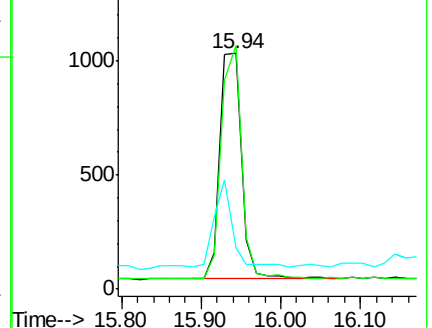
141 32.2 24.9 37.3

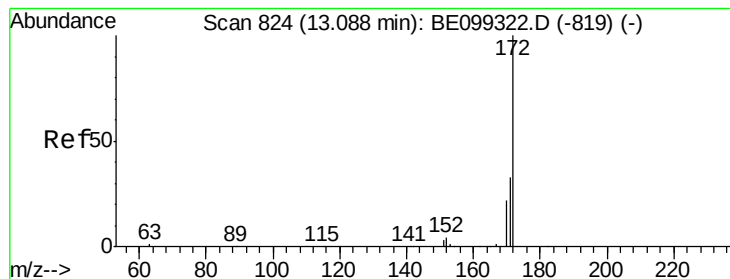


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

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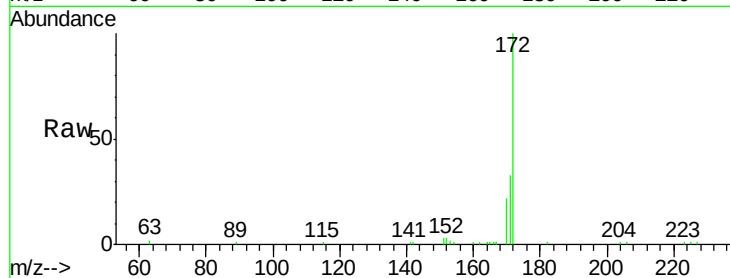
Tgt Ion:172 Resp: 15450

Ion Ratio Lower Upper

172 100

171 32.8 26.2 39.2

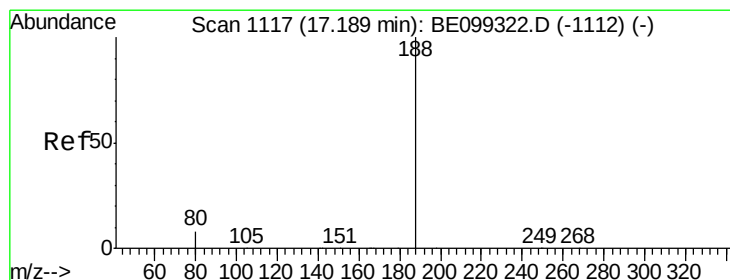
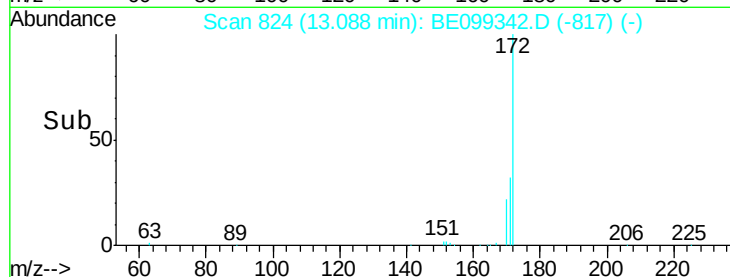
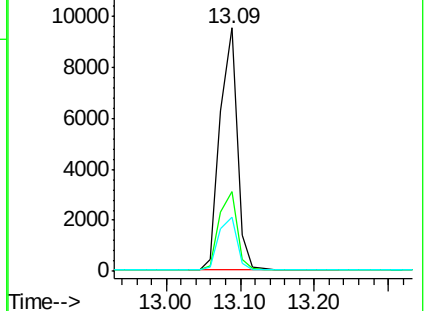
170 22.1 18.1 27.1



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

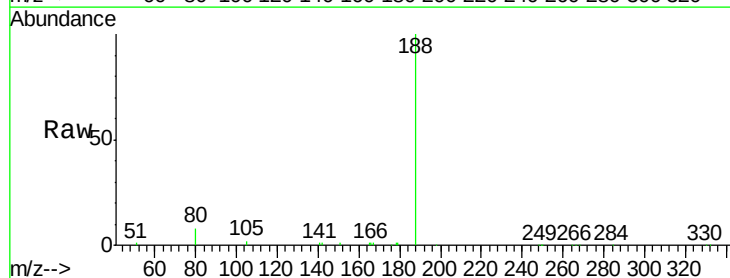
Tgt Ion:188 Resp: 29528

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

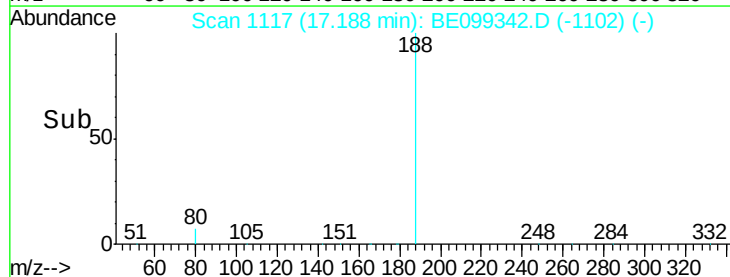
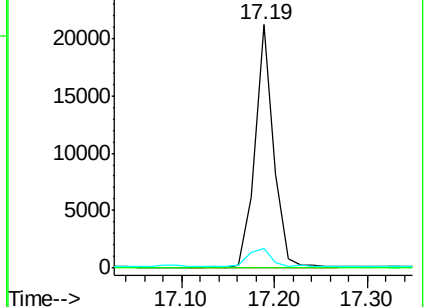
80 8.1 6.2 9.4

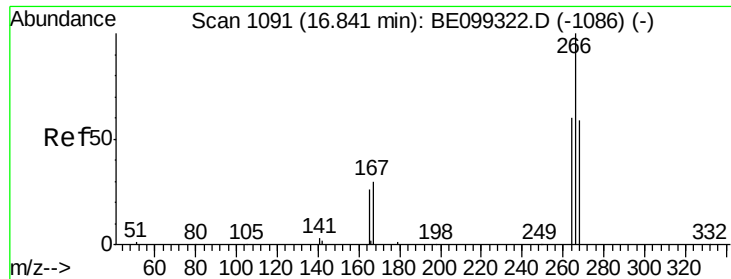


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

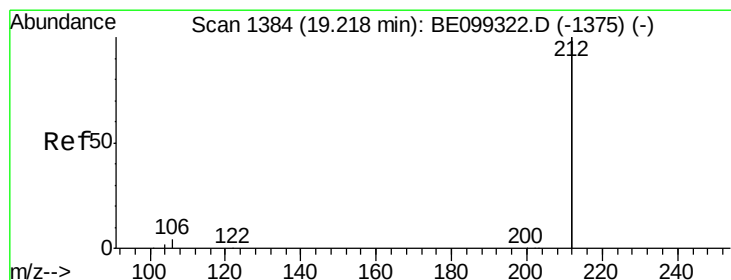
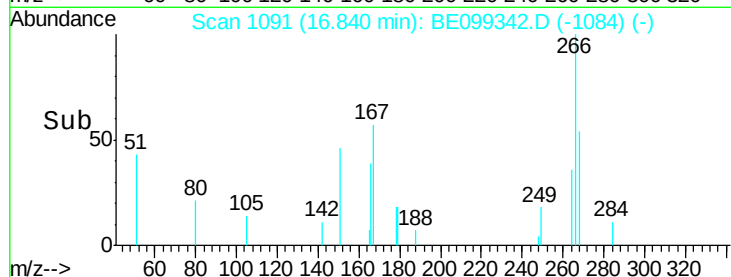
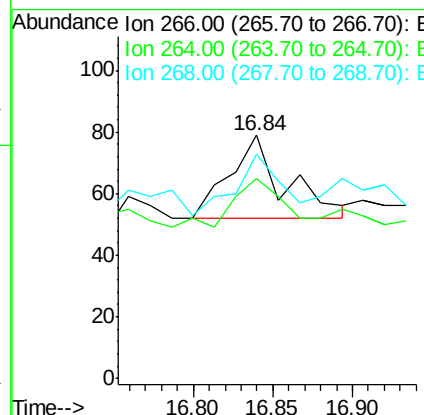
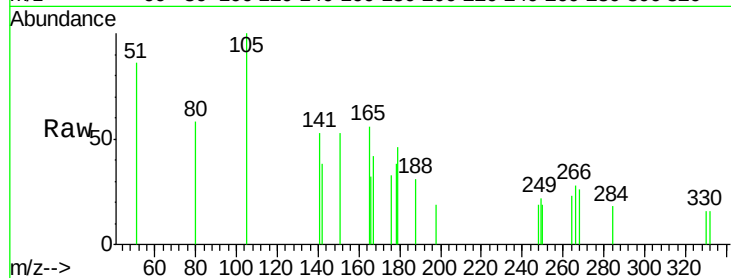




#22
 Pentachlorophenol
 Concen: 0.231 ng
 RT: 16.84 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BE099342.D
 Acq: 18 Apr 2019 18:03

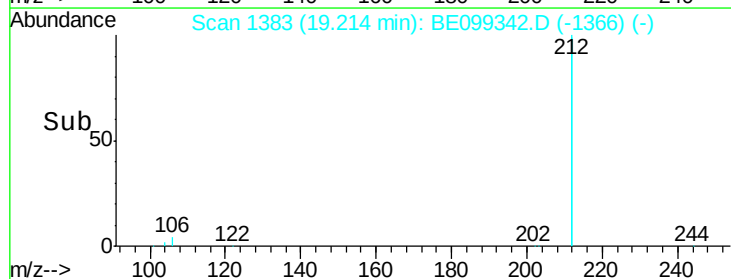
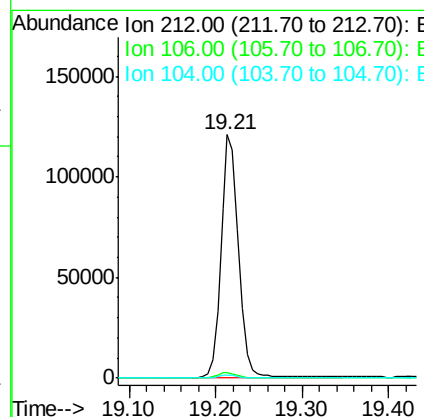
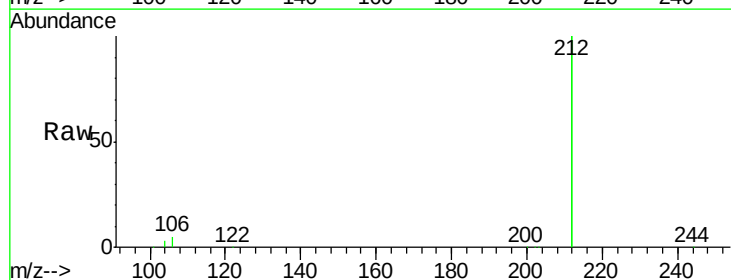
Instrument :
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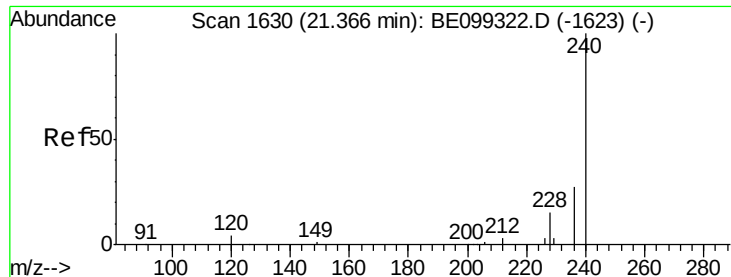
Tgt Ion: 266 Resp: 66
 Ion Ratio Lower Upper
 266 100
 264 82.3 54.5 81.7#
 268 92.4 54.3 81.5#



#25
 Fluoranthene-d10
 Concen: 0.478 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BE099342.D
 Acq: 18 Apr 2019 18:03

Tgt Ion: 212 Resp: 169484
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.6
 104 1.2 1.0 1.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190415

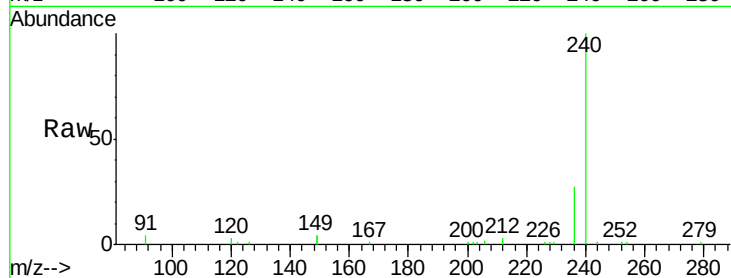
Tgt Ion:240 Resp: 34846

Ion Ratio Lower Upper

240 100

120 3.5 2.2 3.2#

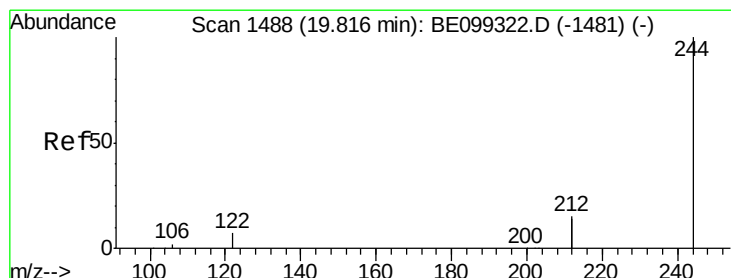
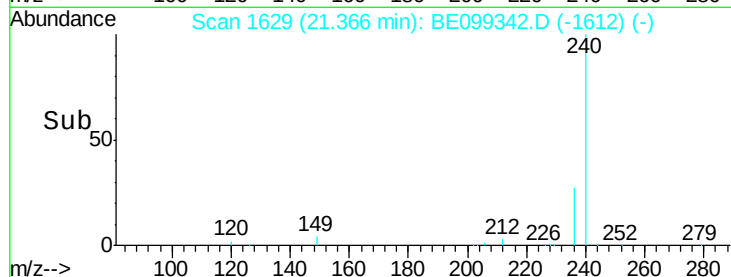
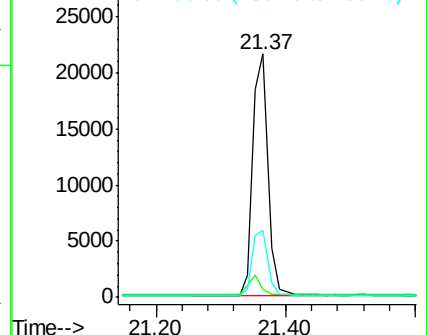
236 27.4 20.2 30.4



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: 0.482 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

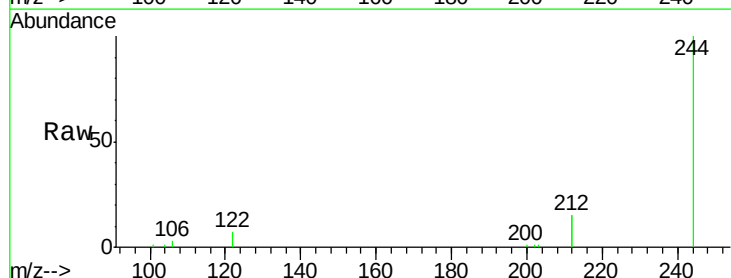
Tgt Ion:244 Resp: 33082

Ion Ratio Lower Upper

244 100

212 30.1 22.6 33.8

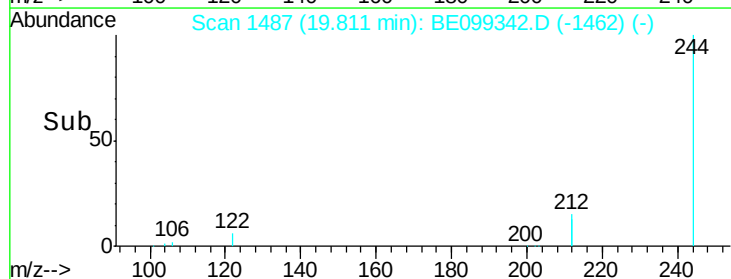
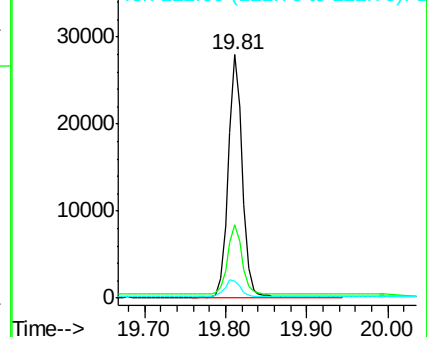
122 7.2 4.6 7.0#

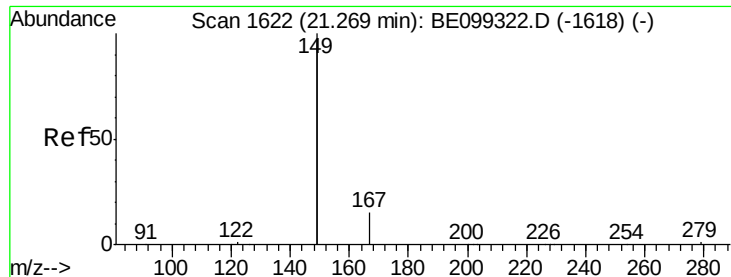


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190415

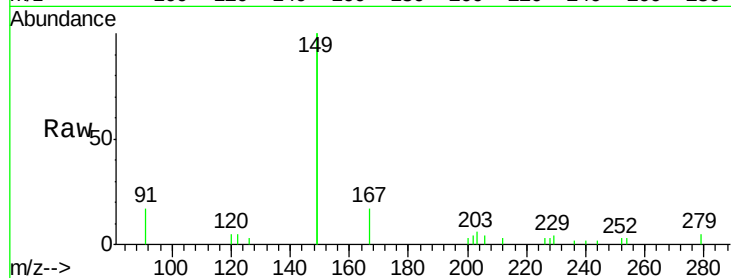
Tgt Ion:149 Resp: 12678

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

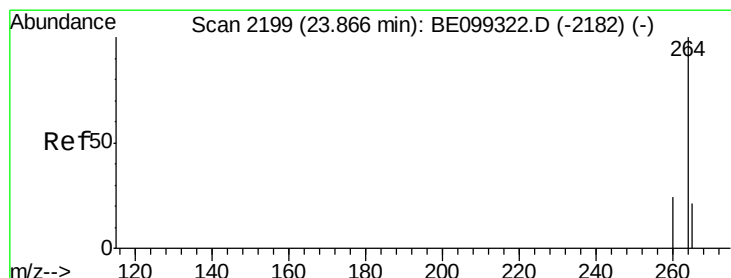
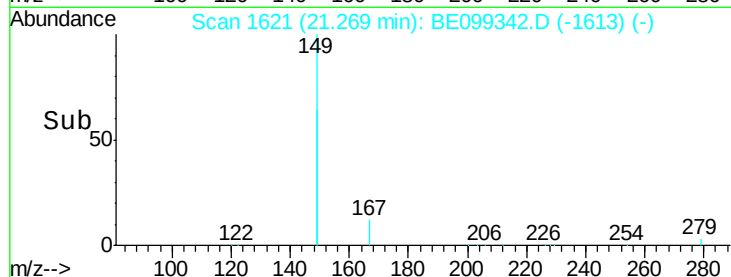
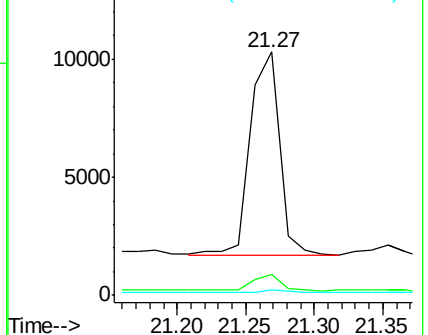
279 1.4 1.1 1.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BE099342.D

Acq: 18 Apr 2019 18:03

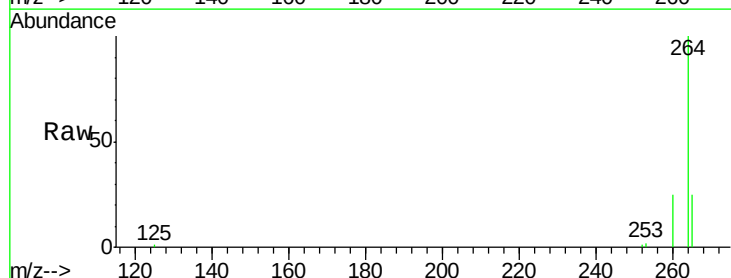
Tgt Ion:264 Resp: 37860

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 25.5 19.9 29.9



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

