

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092856.D
 Acq On : 29 Mar 2017 3:39
 Operator : SJ/MA
 Sample : I2341-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 05:00:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8125	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	35585	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	17749	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	40983	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	51922	5.00	ng	-0.02
31) Perylene-d12	23.70	264	49092	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	7161	3.78	ng	0.00
5) Phenol-d6	6.94	99	6573	2.37	ng	0.00
8) Nitrobenzene-d5	8.93	82	9910	4.85	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	3763	13.57	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	28206	4.82	ng	-0.01
26) Terphenyl-d14	19.76	244	35665	3.97	ng	0.00

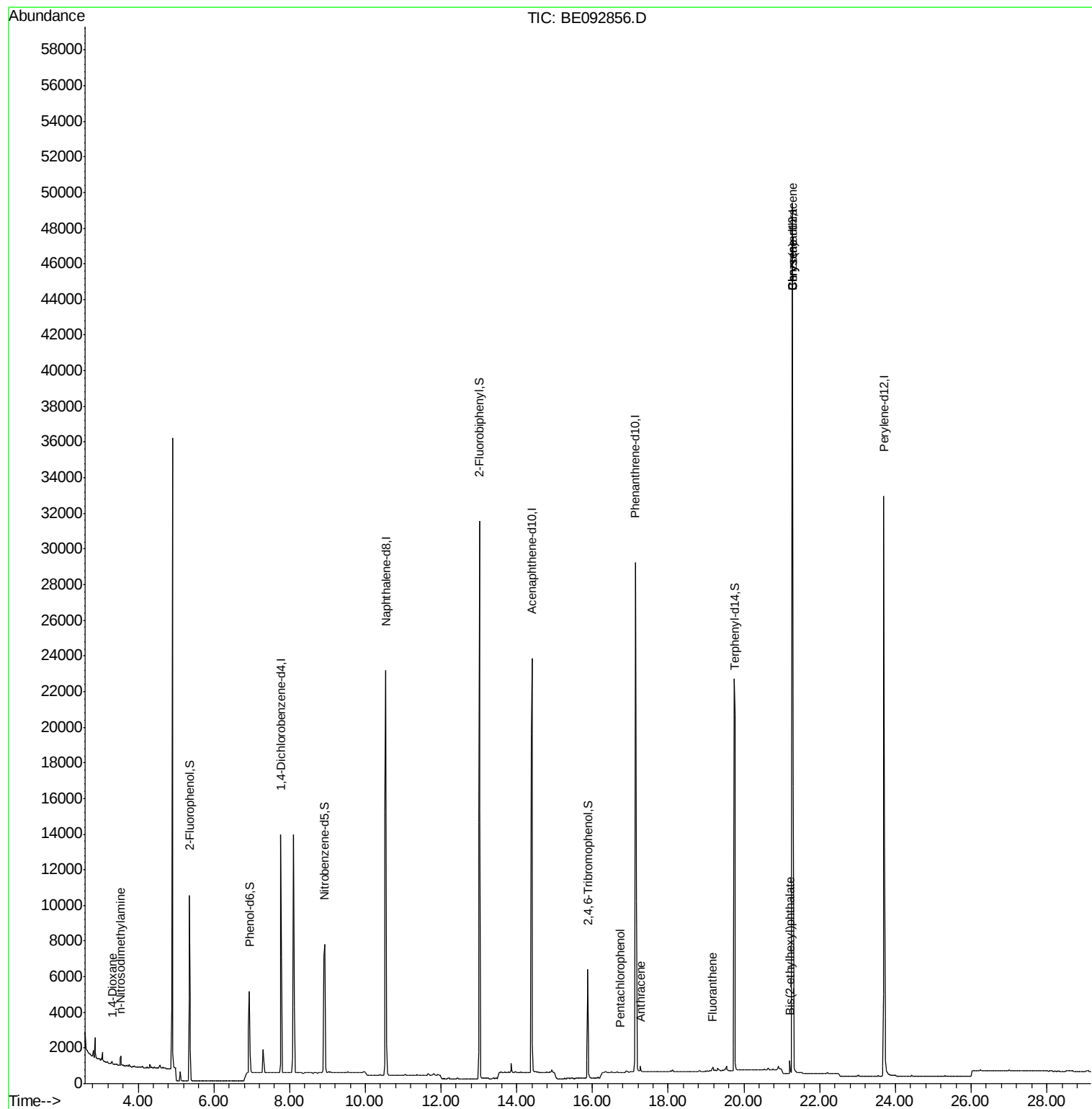
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	115	0.11	ng	# 45
3) n-Nitrosodimethylamine	3.54	42	82	0.07	ng	# 1
20) Pentachlorophenol	16.74	266	6	0.24	ng	# 72
22) Anthracene	17.27	178	391	0.04	ng	# 96
23) Fluoranthene	19.18	202	4004	0.09	ng	# 65
27) Benzo(a)anthracene	21.28	228	300	0.02	ng	# 65
28) Chrysene	21.28	228	302	0.02	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.21	149	781	0.25	ng	# 77

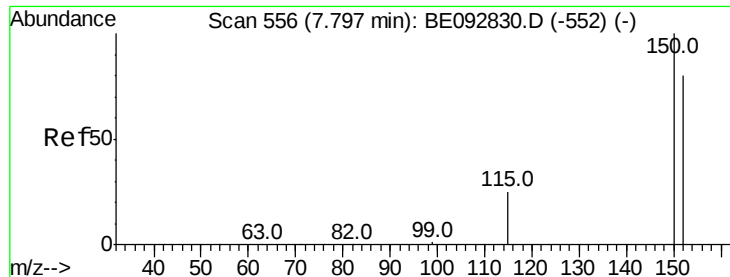
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :

BNA_E

ClientSampled :

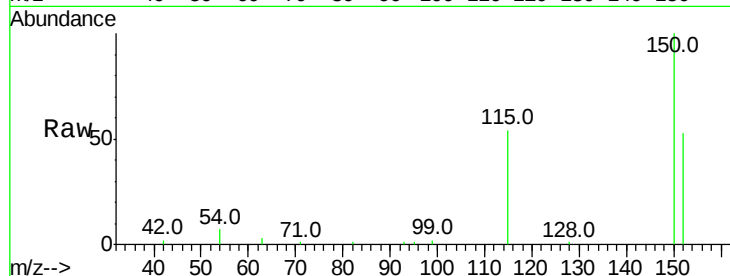
Tot Ion:152 Resp: 8125

Ion Ratio Lower Upper

152 100

150 189.1 106.0 159.0#

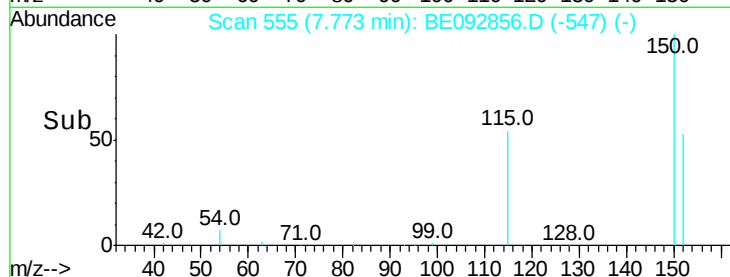
115 102.0 31.2 46.8#



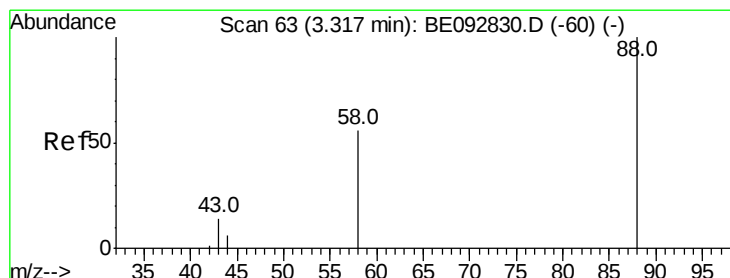
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.11 ng

RT: 3.32 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

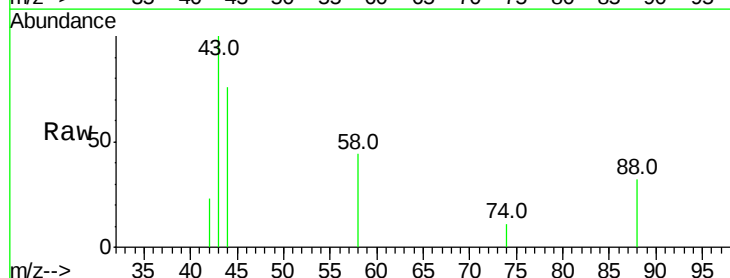
Tgt Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

58 86.1 63.6 95.4

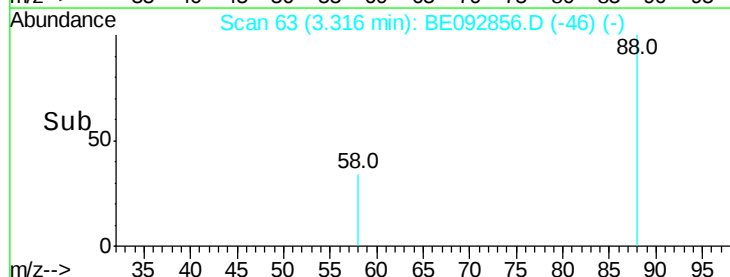
43 128.7 28.0 42.0#



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



Time-->

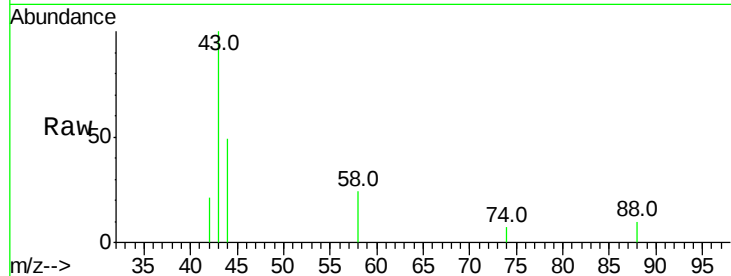


#3

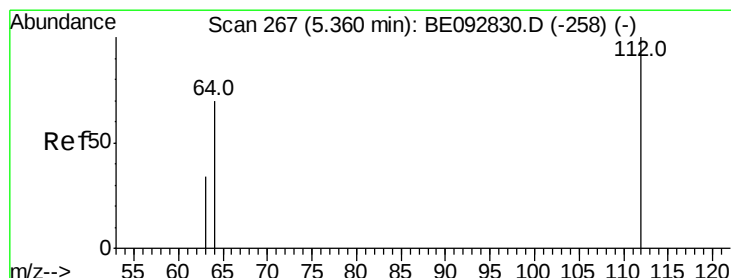
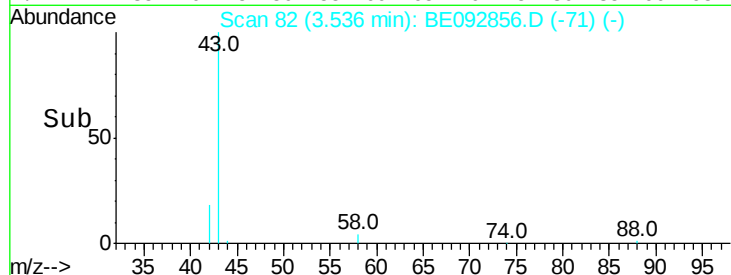
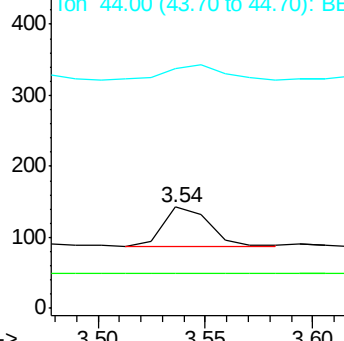
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.54 min Scan# 82
Delta R.T. -0.07 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampled :

Tot Ion: 42 Resp: 82
Ion Ratio Lower Upper
42 100
74 0.0 86.0 129.0#
44 54.9 5.1 7.7#



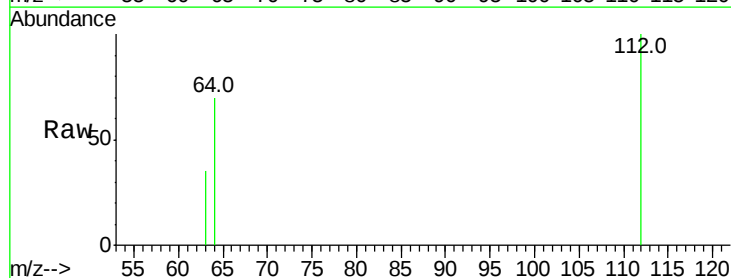
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



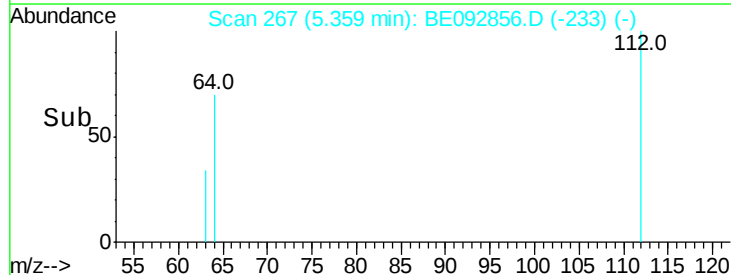
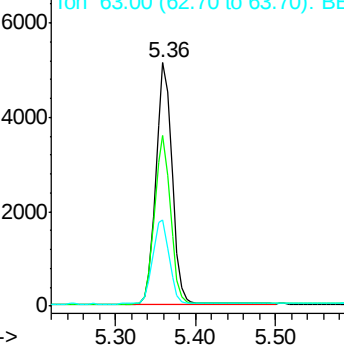
#4

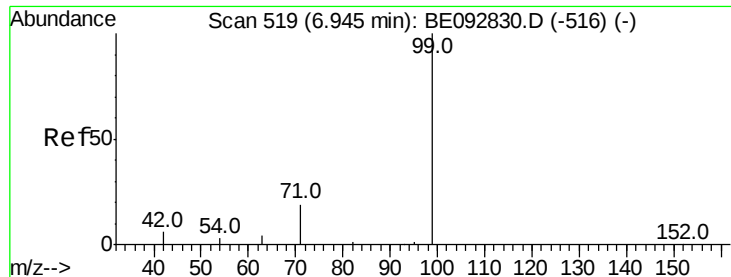
2-Fluorophenol
Concen: 3.78 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion: 112 Resp: 7161
Ion Ratio Lower Upper
112 100
64 68.8 53.5 80.3
63 35.4 27.9 41.9



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: 2.37 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :

BNA_E

ClientSampleId :

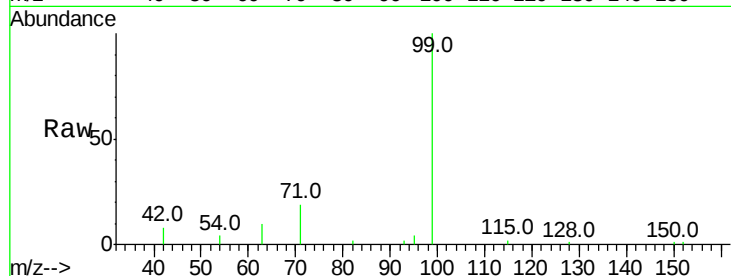
Tot Ion: 99 Resp: 6573

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

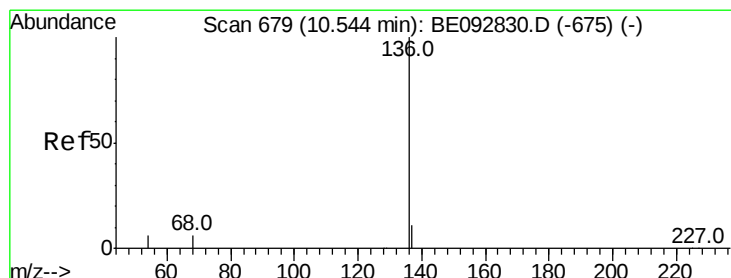
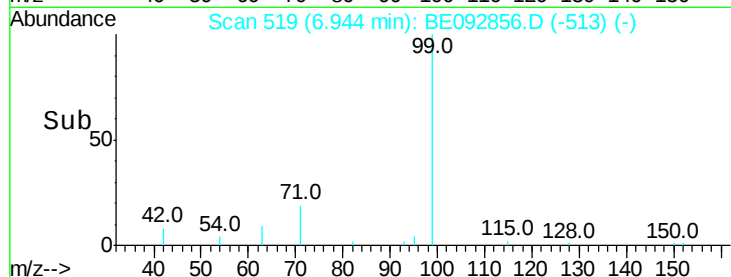
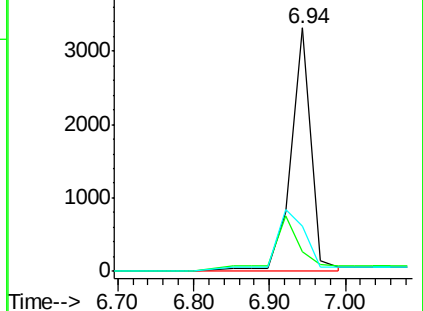
71 0.0 30.6 45.8#



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: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Tgt Ion: 136 Resp: 35585

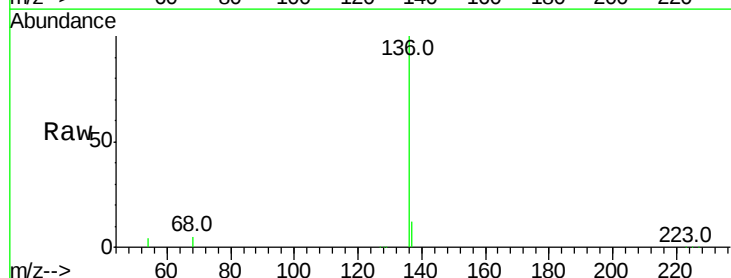
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.4

54 4.5 9.6 14.4#

68 4.6 6.7 10.1#

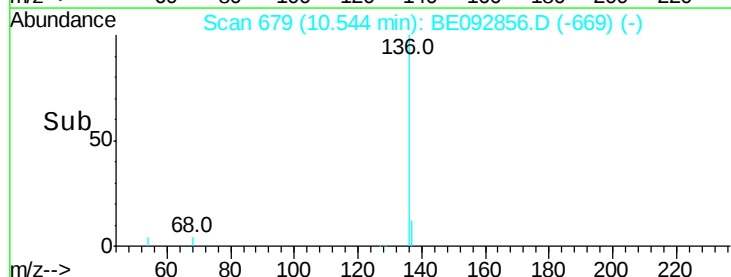
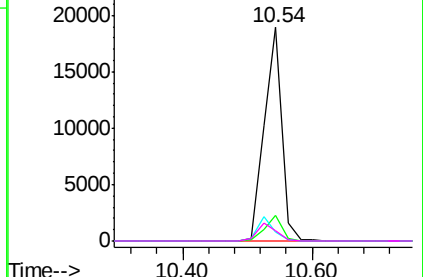


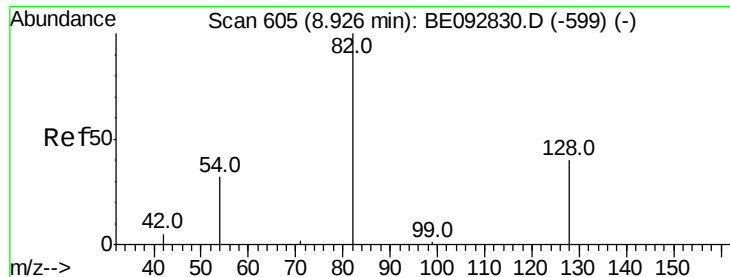
Abundance Ion 136.00 (135.70 to 136.70): E

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

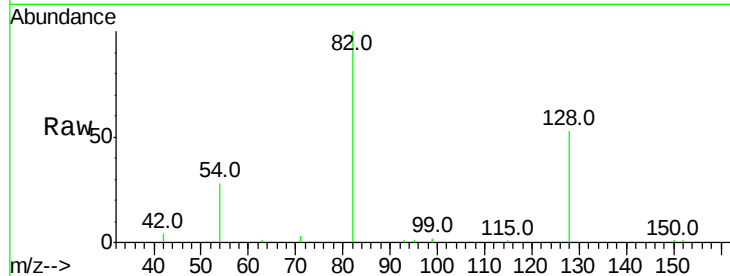




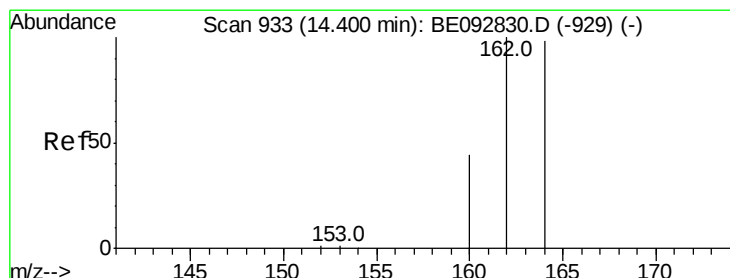
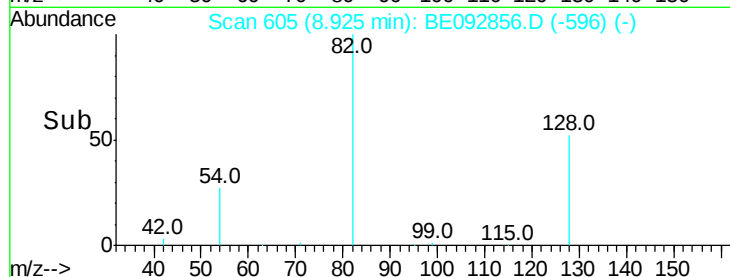
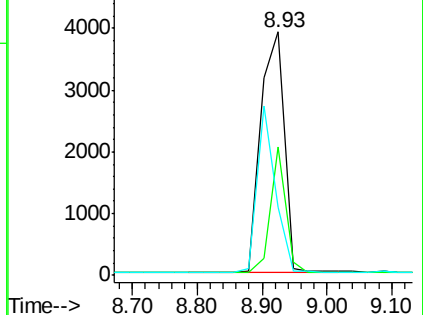
#8
 Nitrobenzene-d5
 Concen: 4.85 ng
 RT: 8.93 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 82 Resp: 9910
 Ion Ratio Lower Upper
 82 100
 128 52.7 39.0 58.4
 54 27.8 44.8 67.2#

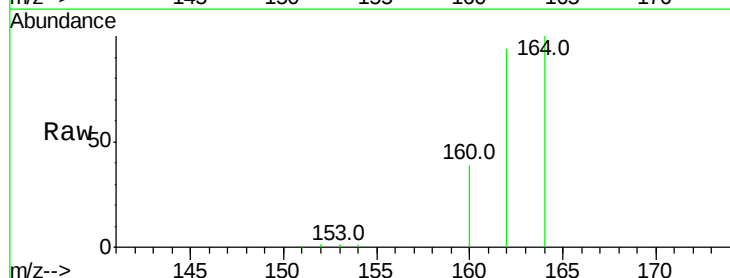


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

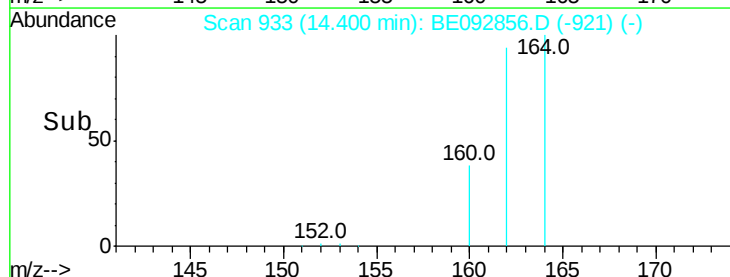
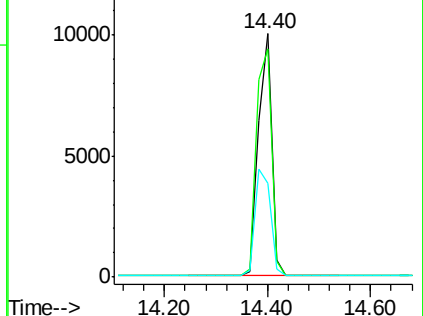


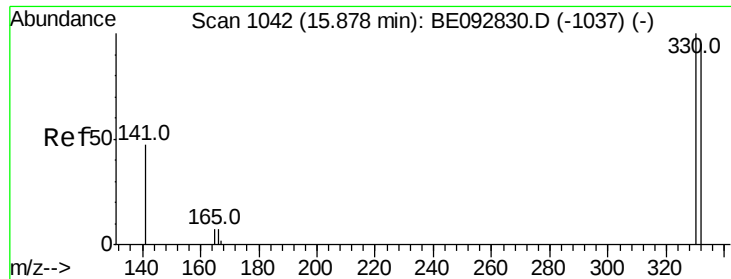
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.40 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Tgt Ion: 164 Resp: 17749
 Ion Ratio Lower Upper
 164 100
 162 93.7 71.4 107.0
 160 38.6 27.4 41.2



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

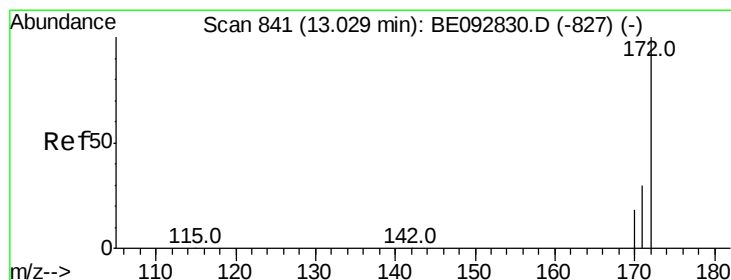
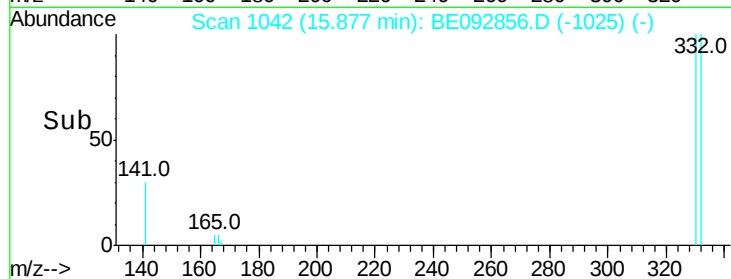
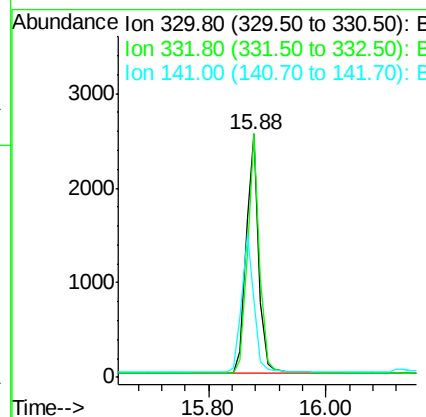
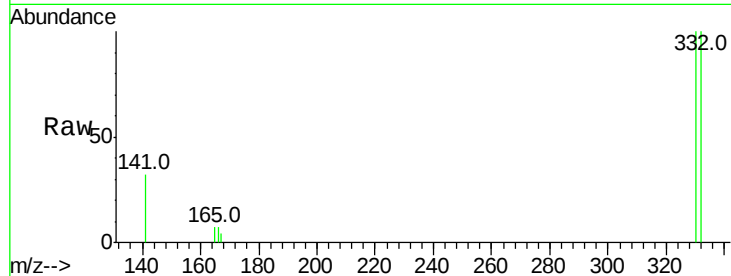




#13
 2,4,6-Tribromophenol
 Concen: 13.57 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

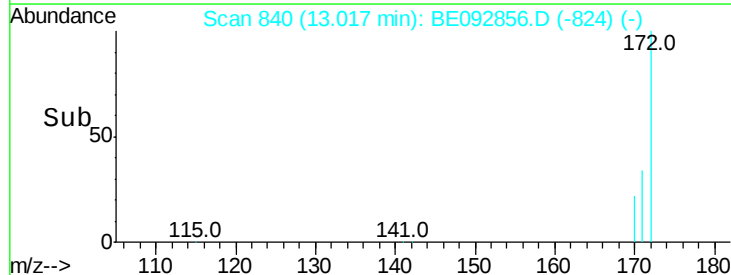
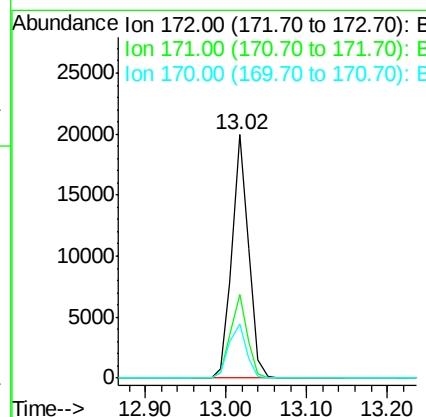
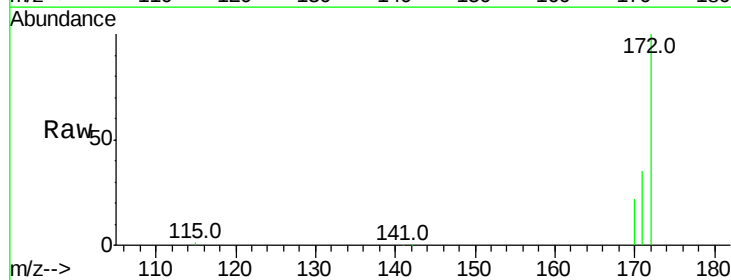
Instrument :
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 ClientSampleId :

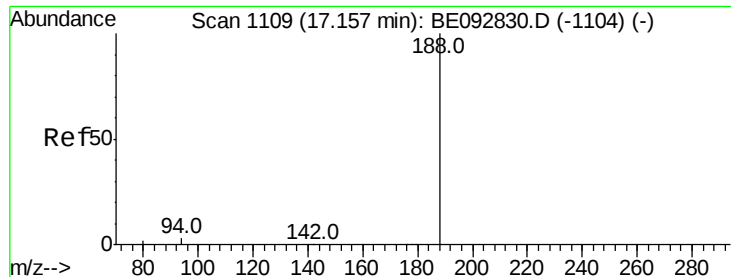
Tot Ion:330 Resp: 3763
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.0
 141 57.0 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 4.82 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Tgt Ion:172 Resp: 28206
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.1 45.1
 170 22.4 21.8 32.6

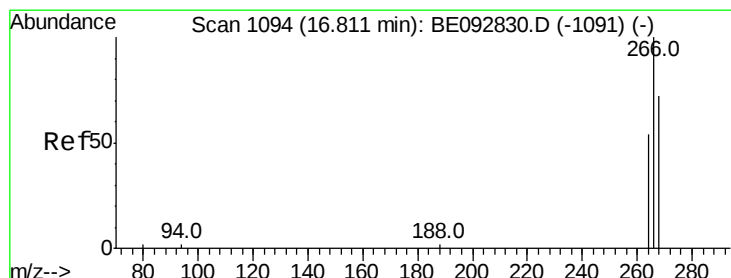
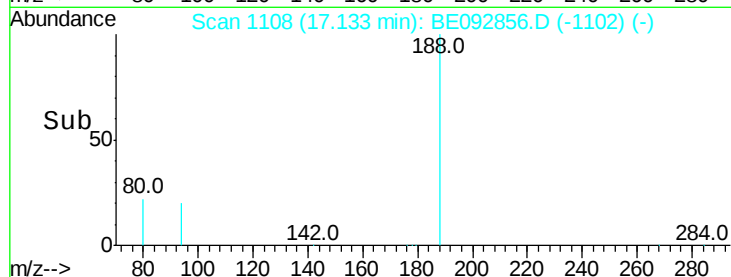
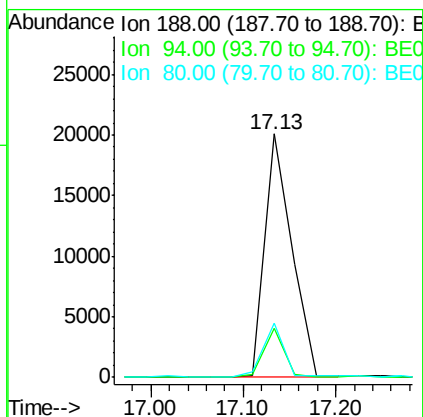
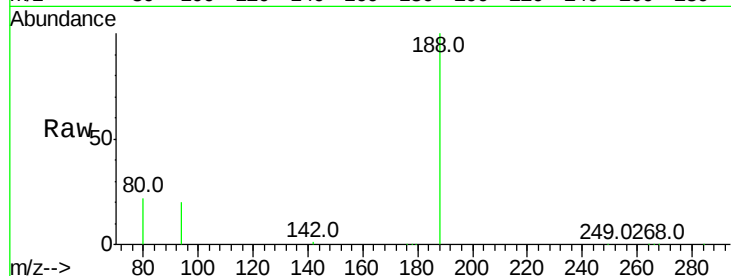




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

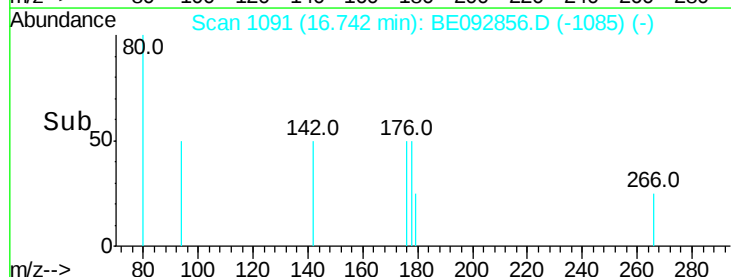
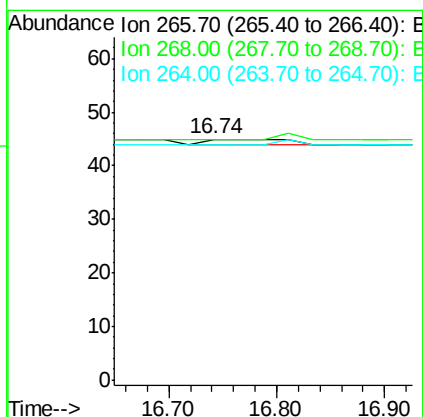
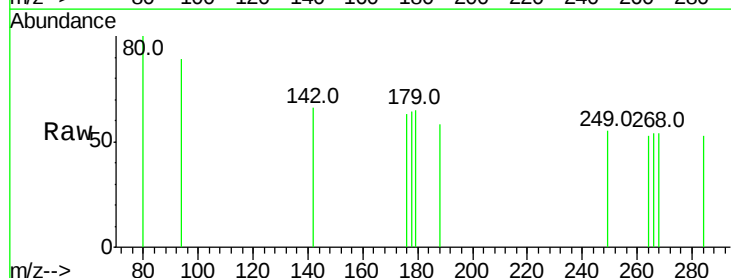
Instrument :
BNA_E
ClientSampled :

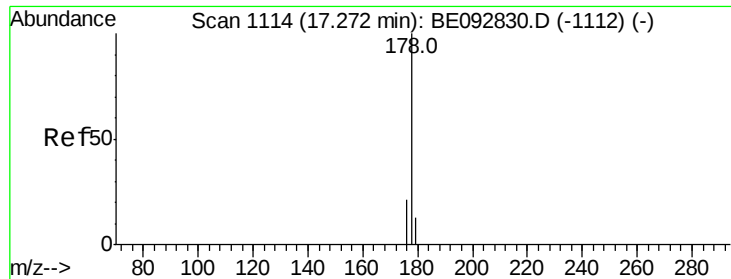
Tot Ion:188 Resp: 40983
Ion Ratio Lower Upper
188 100
94 20.4 3.2 4.8#
80 22.3 2.6 3.8#



#20
Pentachlorophenol
Concen: 0.24 ng
RT: 16.74 min Scan# 1091
Delta R.T. -0.07 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
268 100.0 62.5 93.7#
264 97.8 57.2 85.8#





#22

Anthracene

Concen: 0.04 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :

BNA_E

ClientSampleId :

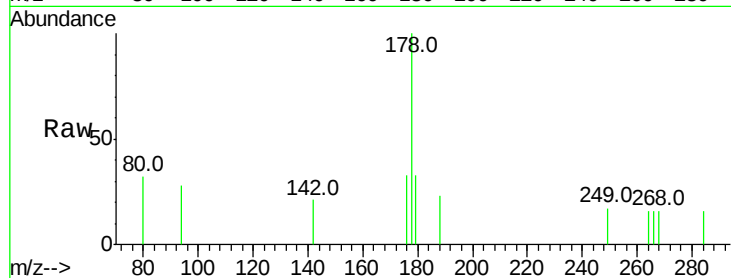
Tot Ion:178 Resp: 391

Ion Ratio Lower Upper

178 100

176 16.9 15.0 22.4

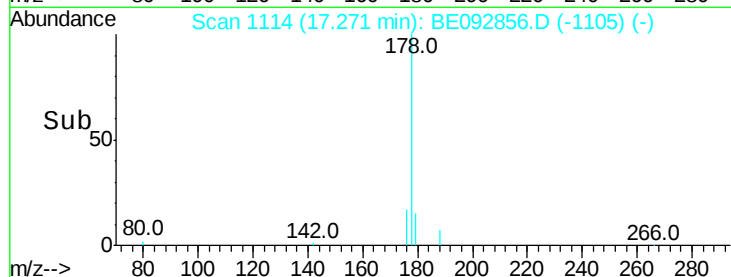
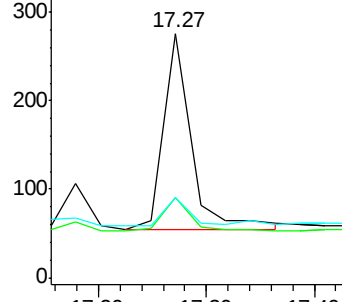
179 13.8 12.2 18.2



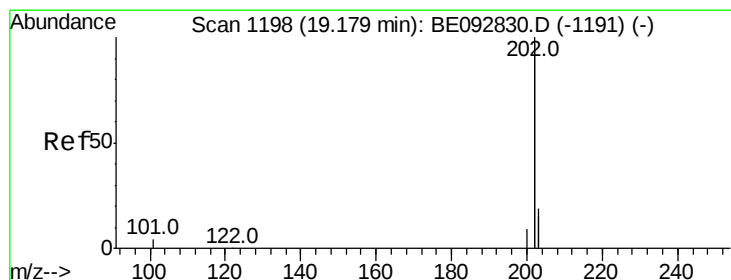
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#23

Fluoranthene

Concen: 0.09 ng

RT: 19.18 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

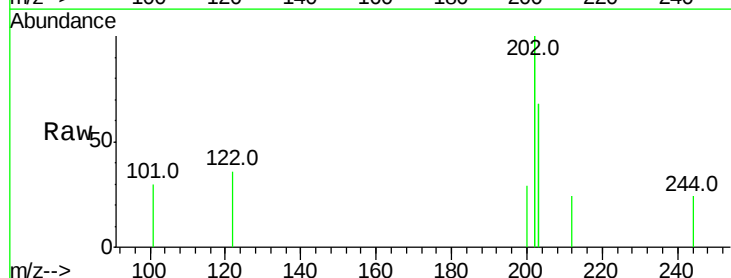
Tgt Ion:202 Resp: 4004

Ion Ratio Lower Upper

202 100

101 0.0 2.2 3.4#

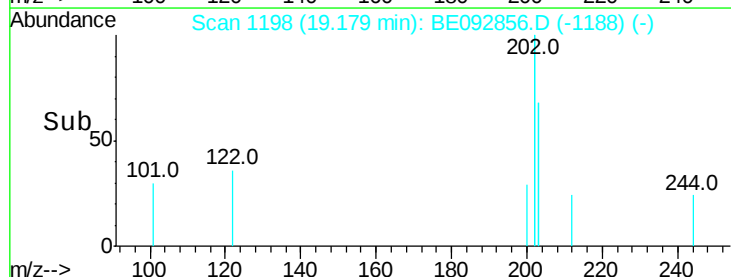
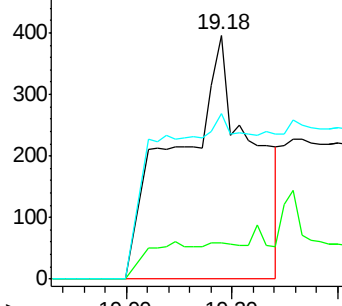
203 0.0 13.7 20.5#



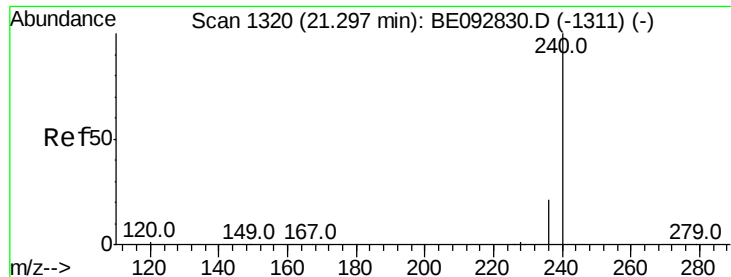
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



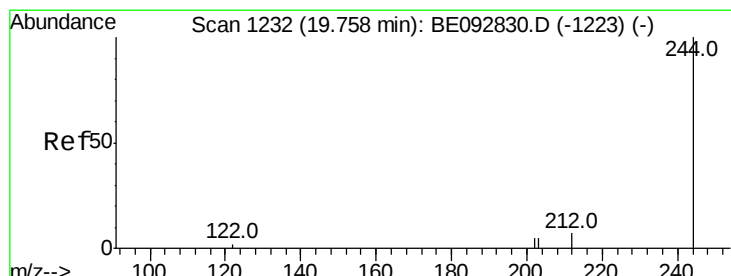
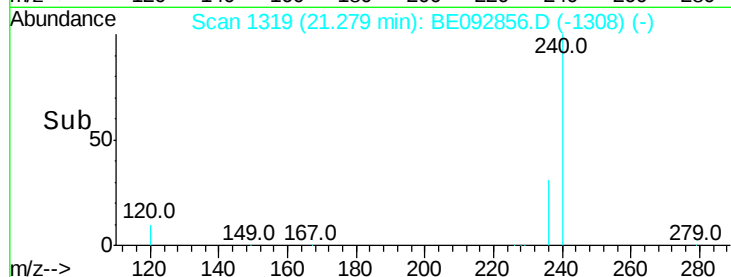
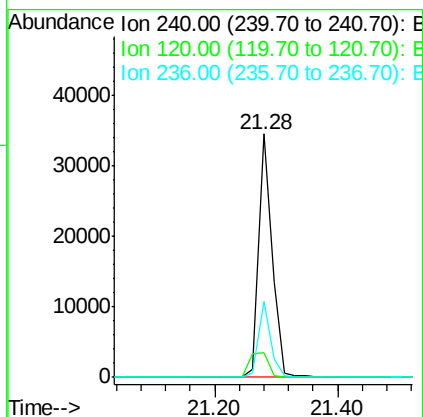
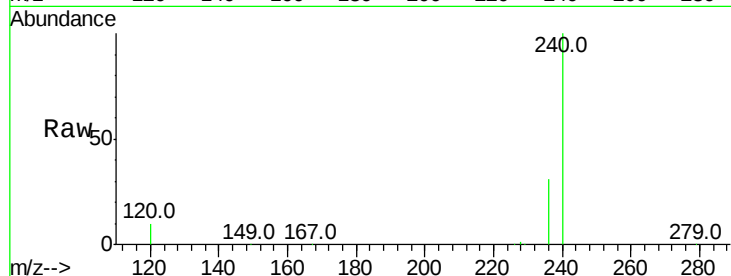
Time-->



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.28 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

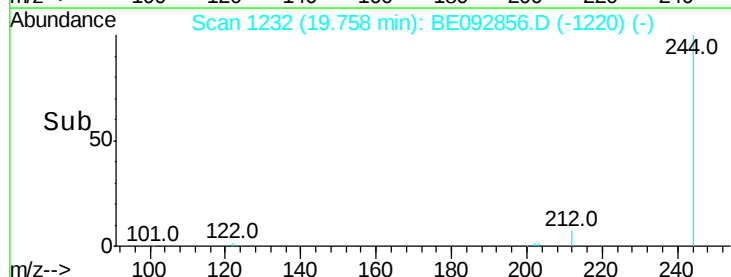
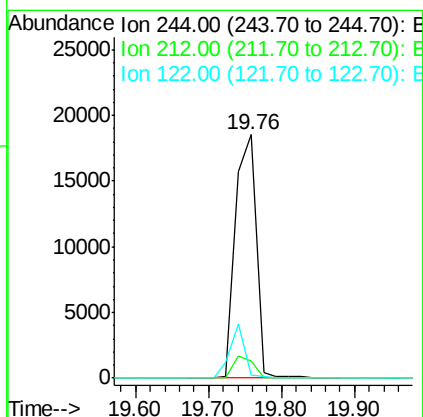
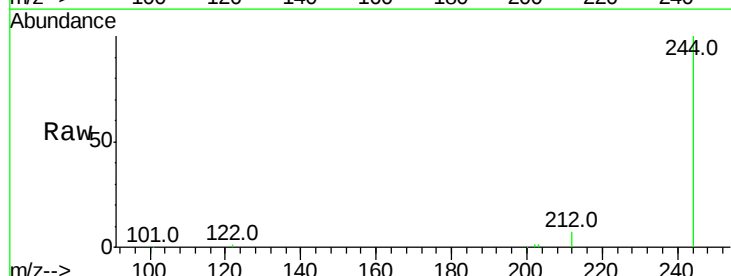
Instrument :
 BNA_E
 ClientSampleId :

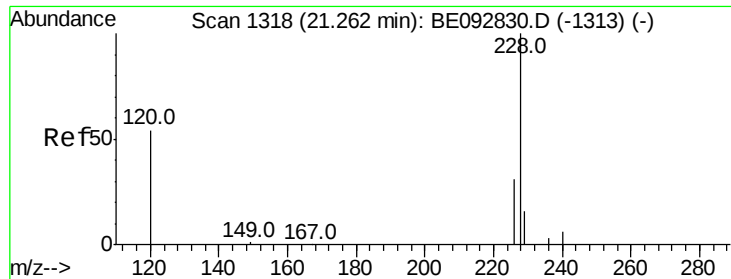
Tot Ion:240 Resp: 51922
 Ion Ratio Lower Upper
 240 100
 120 10.4 2.6 4.0#
 236 31.1 24.6 37.0



#26
 Terphenyl-d14
 Concen: 3.97 ng
 RT: 19.76 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE092856.D
 Acq: 29 Mar 2017 3:39

Tgt Ion:244 Resp: 35665
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.7 10.1
 122 1.2 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.28 min Scan# 1319

Delta R.T. 0.02 min

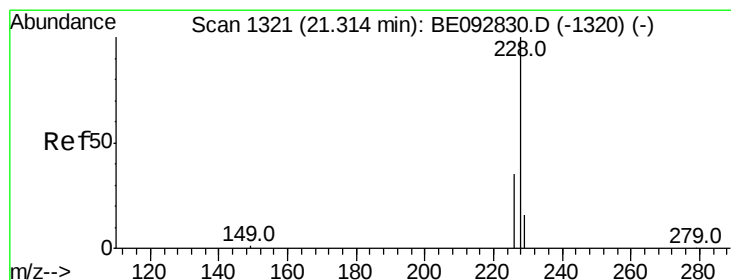
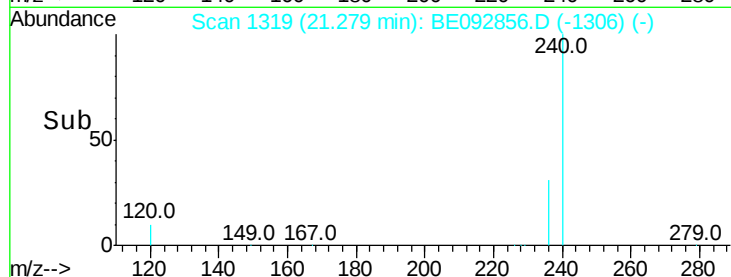
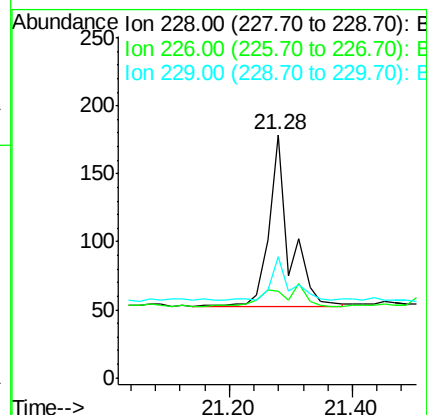
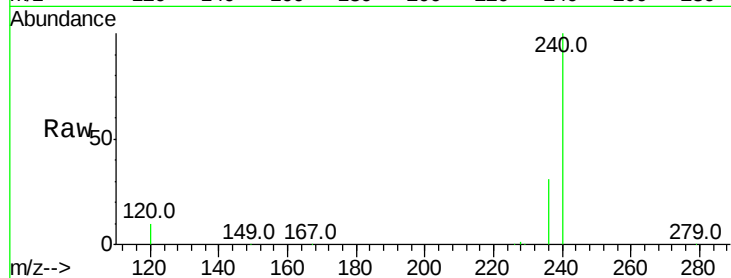
Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 300

Ion	Ratio	Lower	Upper
228	100		
226	35.8	23.6	35.4#
229	49.7	13.3	19.9#



#28

Chrysene

Concen: 0.02 ng

RT: 21.28 min Scan# 1319

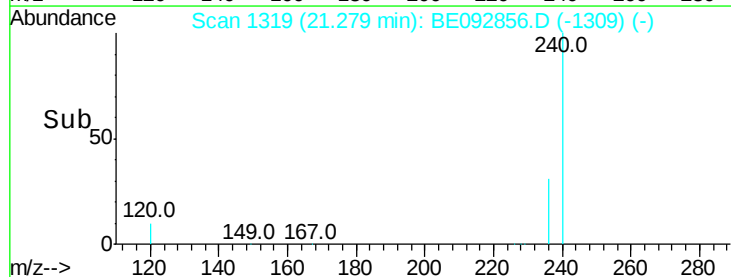
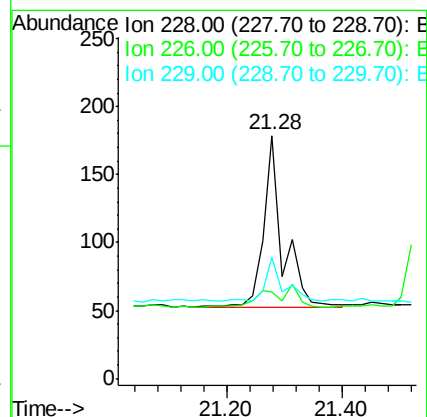
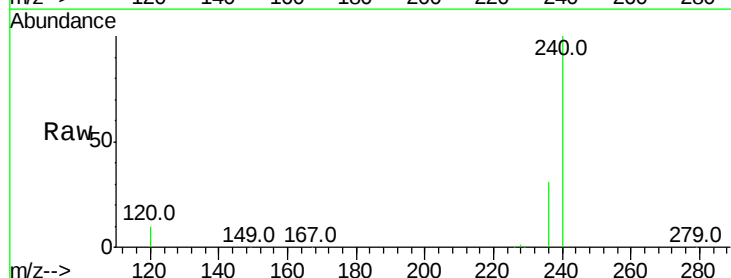
Delta R.T. -0.04 min

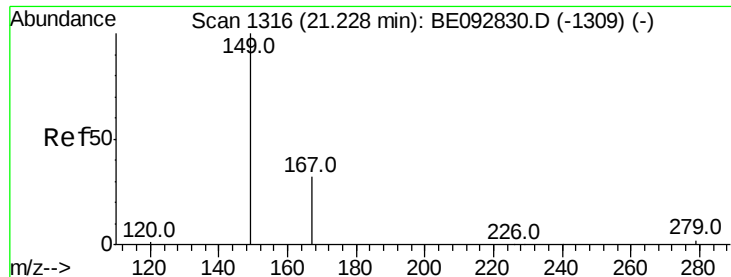
Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Tgt Ion:228 Resp: 302

Ion	Ratio	Lower	Upper
228	100		
226	35.8	36.3	54.5#
229	49.7	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

Instrument :

BNA_E

ClientSampleId :

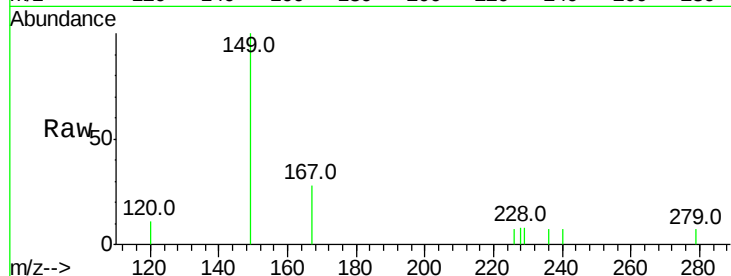
Tot Ion:149 Resp: 781

Ion Ratio Lower Upper

149 100

167 24.6 16.0 24.0#

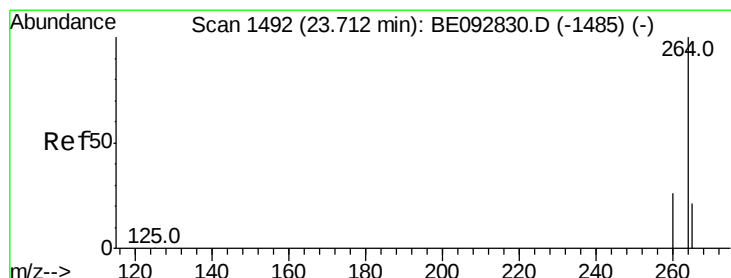
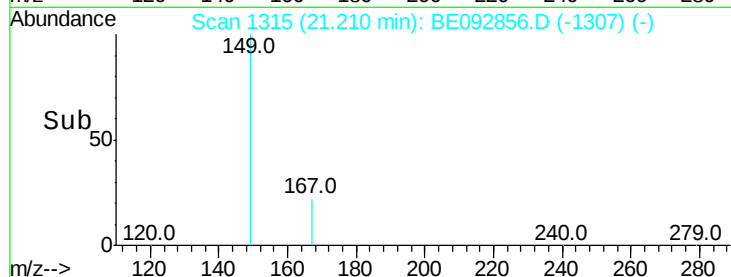
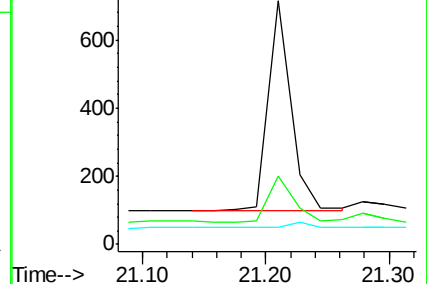
279 3.3 16.0 24.0#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 23.70 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE092856.D

Acq: 29 Mar 2017 3:39

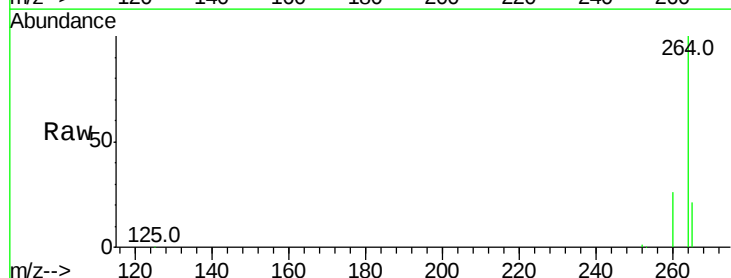
Tgt Ion:264 Resp: 49092

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.0 17.9 26.9



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

