

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111617\
 Data File : BE094822.D
 Acq On : 15 Nov 2017 19:36
 Operator : SJ/JU
 Sample : I6386-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 01:53:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	588	0.40	ng	0.05
7) Naphthalene-d8	10.76	136	3487	0.40	ng	0.05
13) Acenaphthene-d10	14.54	164	2167	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	6209	0.40	ng	0.03
27) Chrysene-d12	21.45	240	7800	0.40	ng	0.02
34) Perylene-d12	23.99	264	7154	0.40	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.60	112	257	0.13	ng	0.08
5) Phenol-d6	7.33	99	242	0.08	ng	0.19
8) Nitrobenzene-d5	9.21	82	725	0.26	ng	0.13
11) 2-Methylnaphthalene-d10	12.34	152	1949	0.35	ng	0.05
14) 2,4,6-Tribromophenol	16.09	330	272	0.46	ng	0.06
15) 2-Fluorobiphenyl	13.19	172	2994	0.39	ng	0.05
25) Fluoranthene-d10	19.30	212	32363	0.43	ng	0.02
29) Terphenyl-d14	19.87	244	5795	0.39	ng	0.00

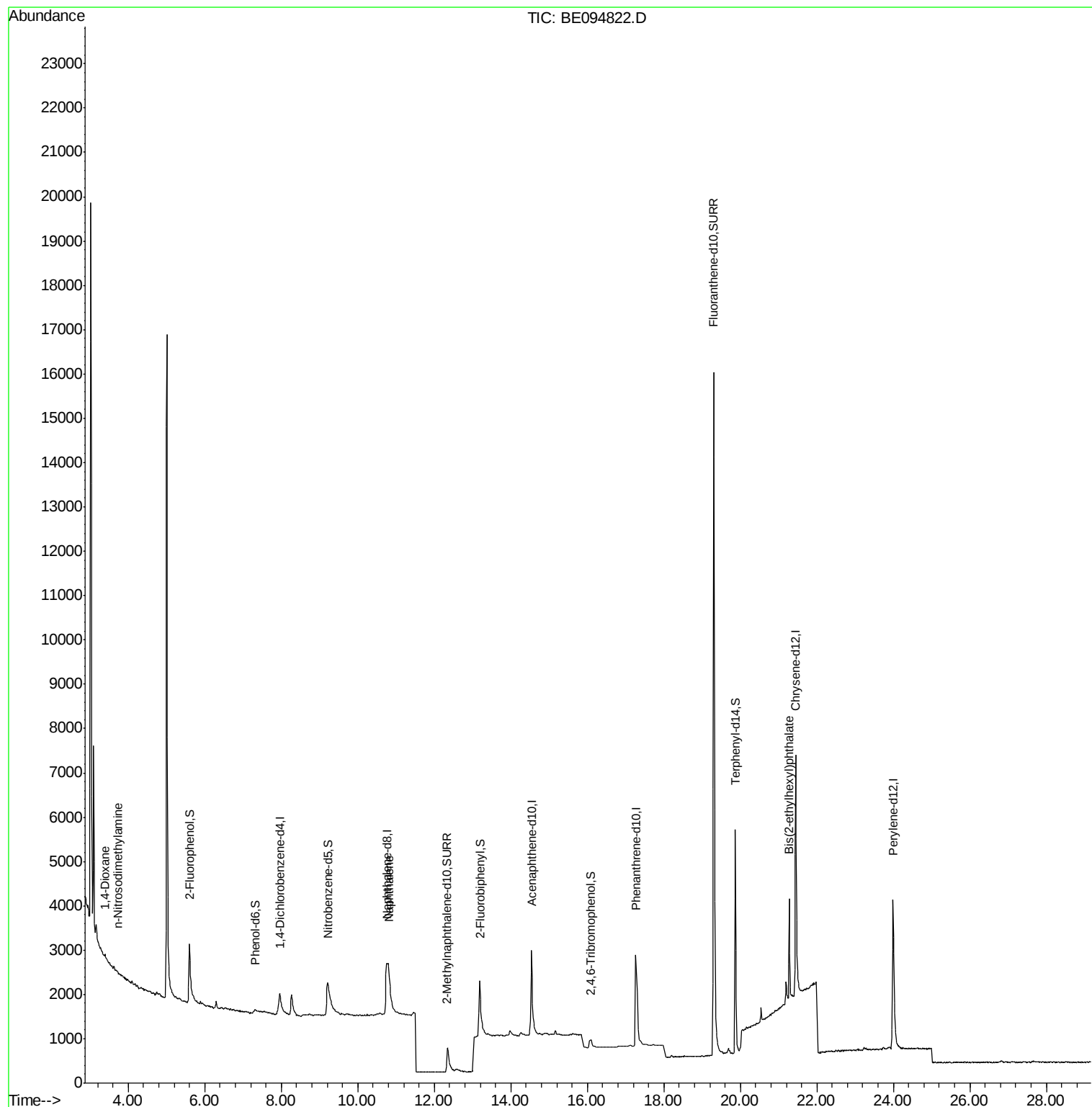
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	76	0.08	ng	# 1
3) n-Nitrosodimethylamine	3.73	42	51	0.05	ng	# 5
9) Naphthalene	10.81	128	2115	0.05	ng	# 75
23) Phenanthrene	17.33	178	125	Below Cal		# 85
26) Fluoranthene	19.33	202	72	Below Cal		# 89
32) Bis(2-ethylhexyl)phthalate	21.28	149	2743	0.04	ng	98

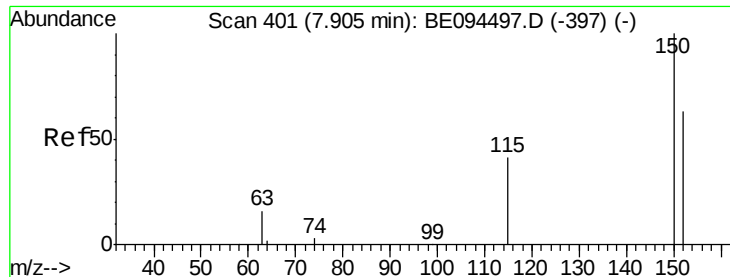
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.96 min Scan# 405

Delta R.T. 0.05 min

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BNA_E

ClientSampleId :

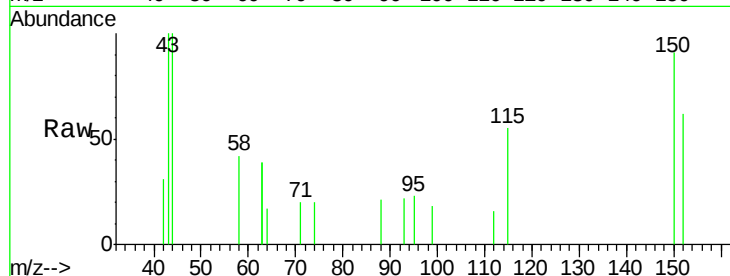
Tot Ion:152 Resp: 588

Ion Ratio Lower Upper

152 100

150 146.6 117.2 175.8

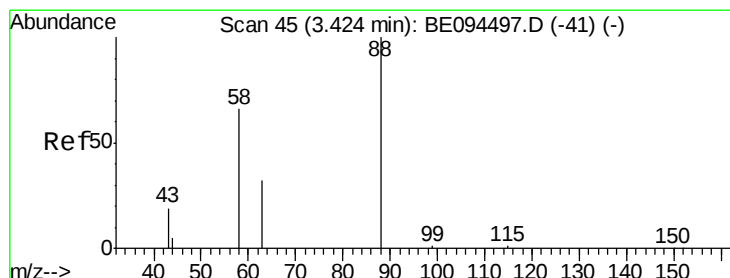
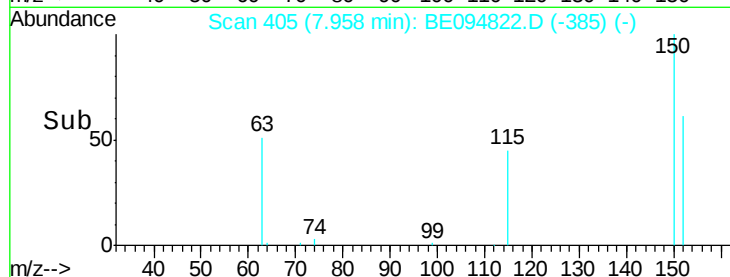
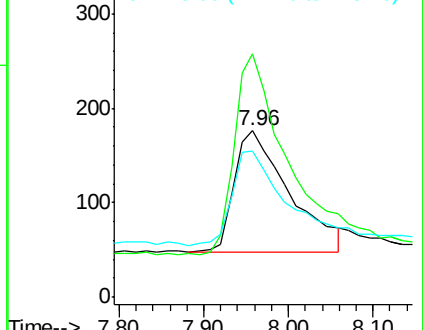
115 88.1 57.0 85.6#



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: 0.08 ng

RT: 3.40 min Scan# 43

Delta R.T. -0.02 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

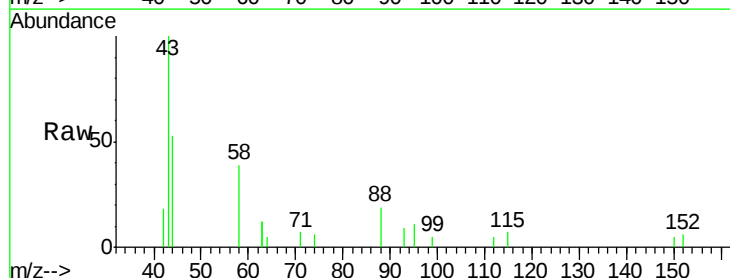
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

58 361.8 63.2 94.8#

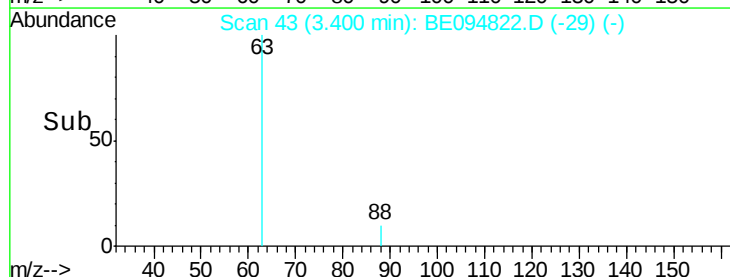
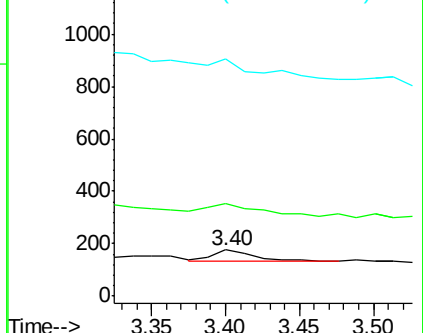
43 0.0 41.2 61.8#

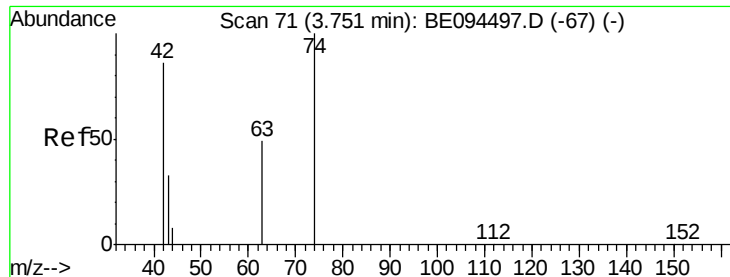


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.73 min Scan# 69

Delta R.T. -0.02 min

Lab File: BE094822.D

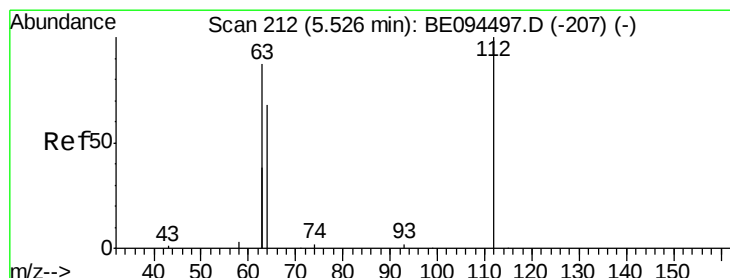
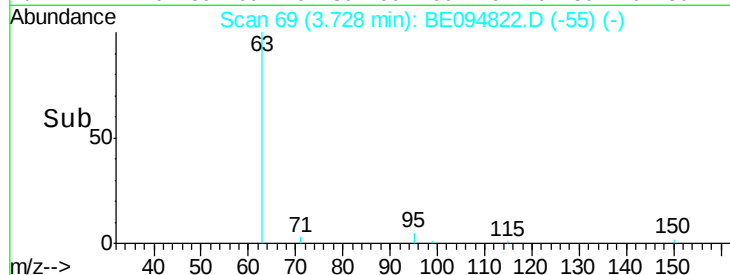
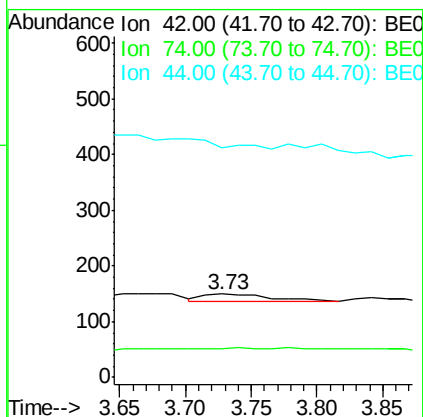
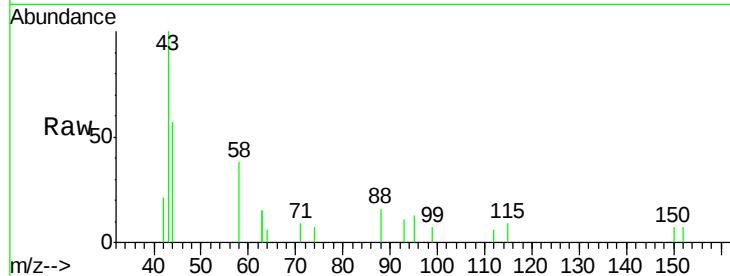
Acq: 15 Nov 2017 19:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	51
Ion	Ratio	Lower	Upper
42	100		
74	7.8	100.3	150.5#
44	0.0	17.0	25.4#



#4

2-Fluorophenol

Concen: 0.13 ng

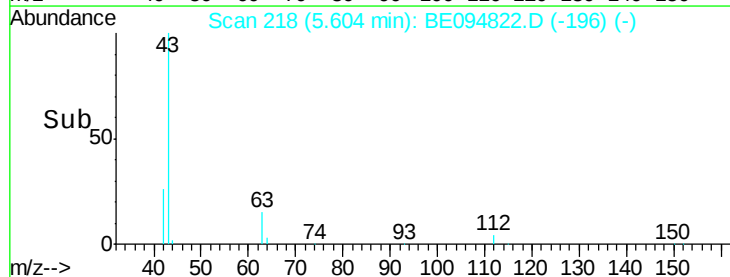
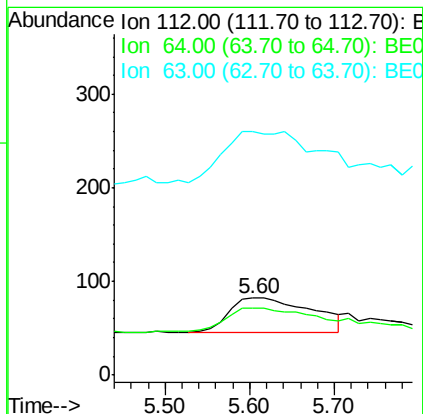
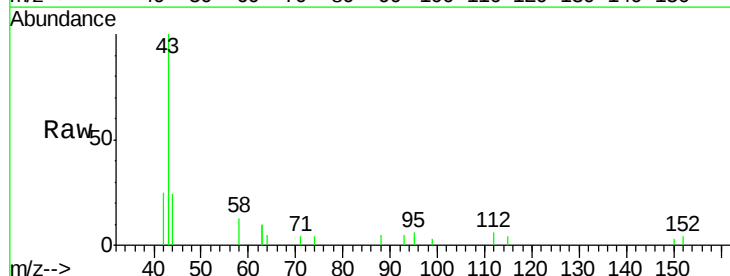
RT: 5.60 min Scan# 218

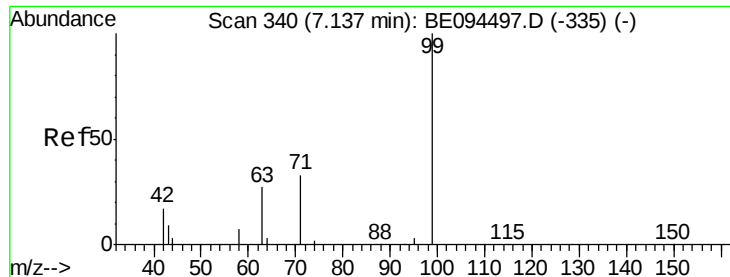
Delta R.T. 0.08 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

Tgt Ion:	112	Resp:	257
Ion	Ratio	Lower	Upper
112	100		
64	70.4	60.1	90.1
63	162.6	116.8	175.2





#5

Phenol-d6

Concen: 0.08 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.19 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

Instrument :

BNA_E

ClientSampleId :

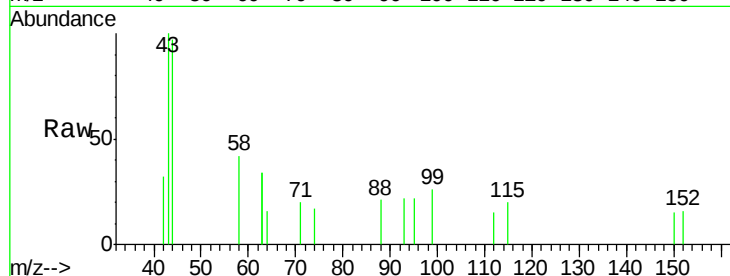
Tot Ion: 99 Resp: 242

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

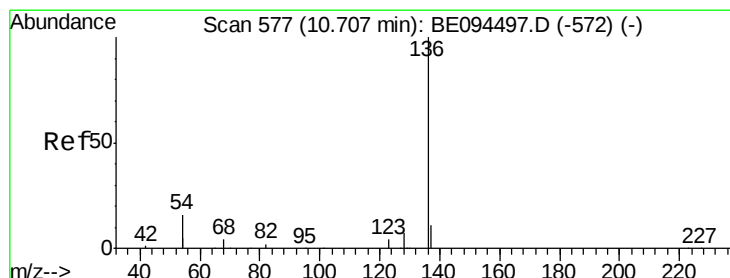
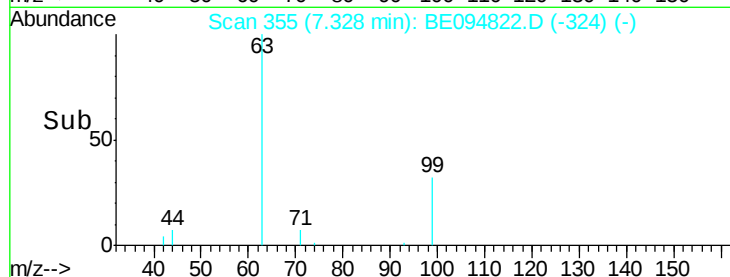
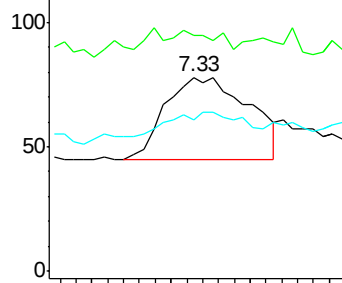
71 26.0 28.4 42.6#



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: 0.40 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.05 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

Tgt Ion: 136 Resp: 3487

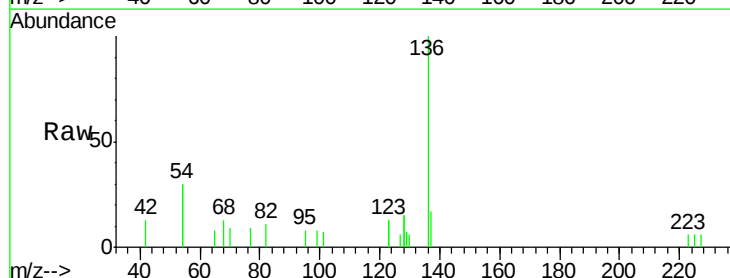
Ion Ratio Lower Upper

136 100

137 16.7 9.5 14.3#

54 60.9 29.1 43.7#

68 12.9 6.2 9.2#

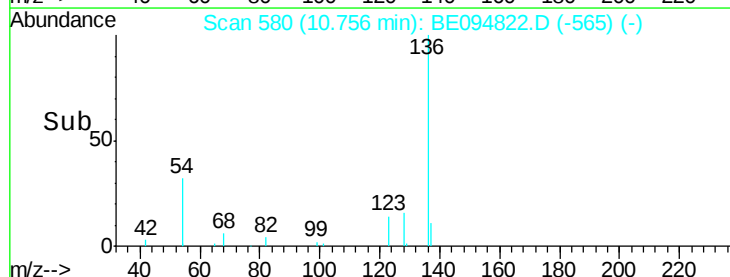
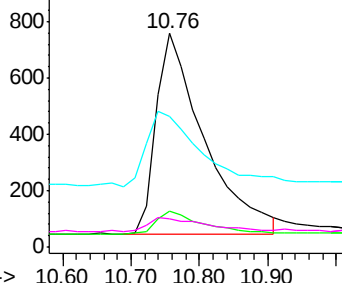


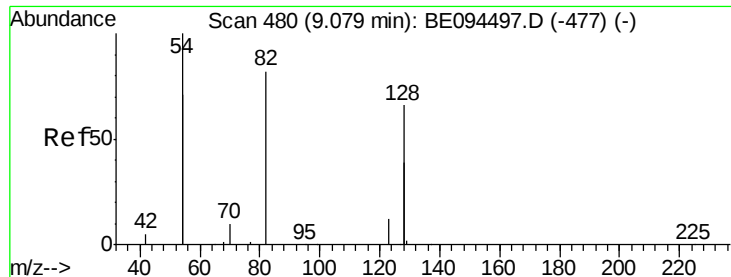
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.26 ng

RT: 9.21 min Scan# 488

Delta R.T. 0.13 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

Instrument :

BNA_E

ClientSampleId :

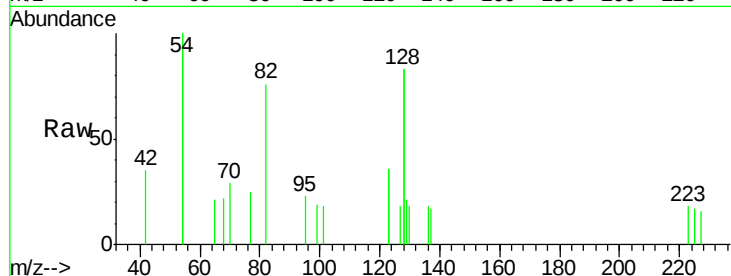
Tot Ion: 82 Resp: 725

Ion Ratio Lower Upper

82 100

128 218.7 150.0 225.0

54 264.0 154.2 231.4#

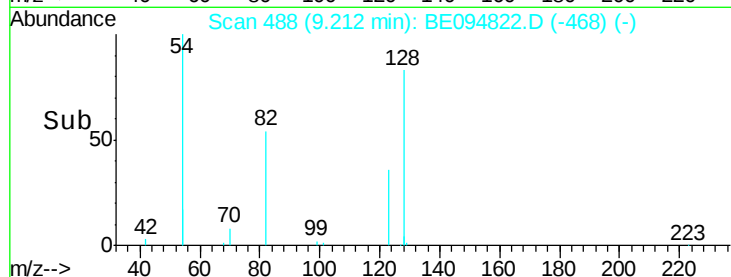


Abundance Ion 82.00 (81.70 to 82.70): BE094497.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE094497.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE094497.D (-477) (-)

Time-->

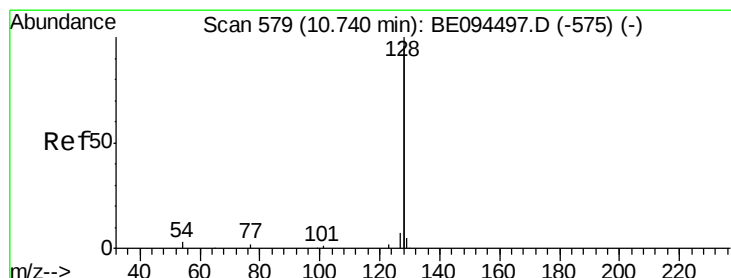


Abundance Ion 82.00 (81.70 to 82.70): BE094822.D (-468) (-)

Ion 128.00 (127.70 to 128.70): BE094822.D (-468) (-)

Ion 54.00 (53.70 to 54.70): BE094822.D (-468) (-)

Time-->



#9

Naphthalene

Concen: 0.05 ng

RT: 10.81 min Scan# 583

Delta R.T. 0.07 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

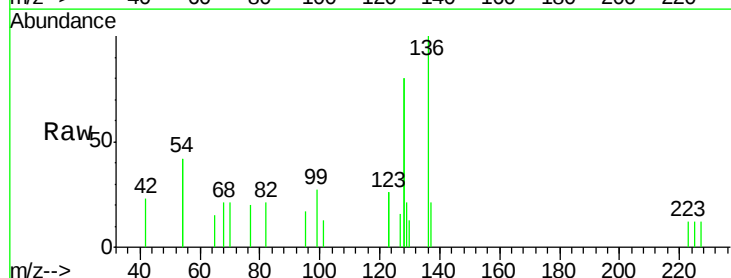
Tgt Ion: 128 Resp: 2115

Ion Ratio Lower Upper

128 100

129 13.4 2.6 3.8#

127 10.0 2.8 4.2#

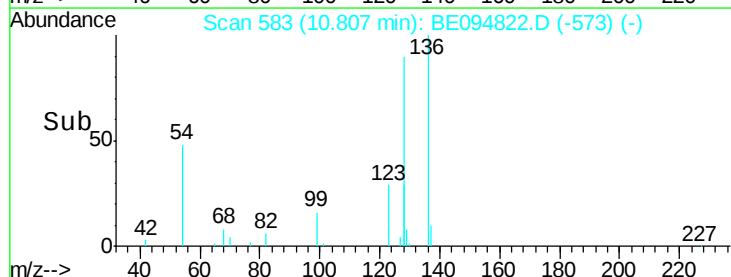


Abundance Ion 128.00 (127.70 to 128.70): BE094497.D (-575) (-)

Ion 129.00 (128.70 to 129.70): BE094497.D (-575) (-)

Ion 127.00 (126.70 to 127.70): BE094497.D (-575) (-)

Time-->

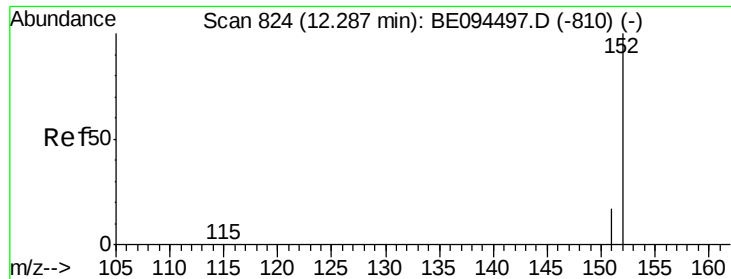


Abundance Ion 128.00 (127.70 to 128.70): BE094822.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE094822.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE094822.D (-573) (-)

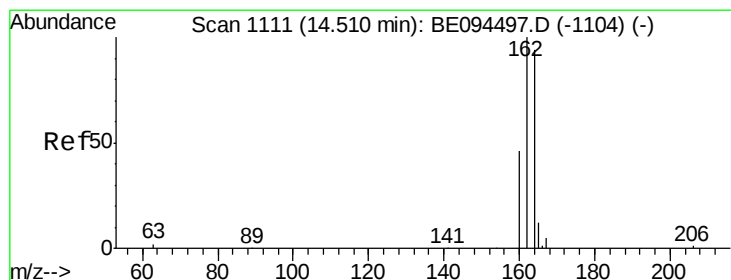
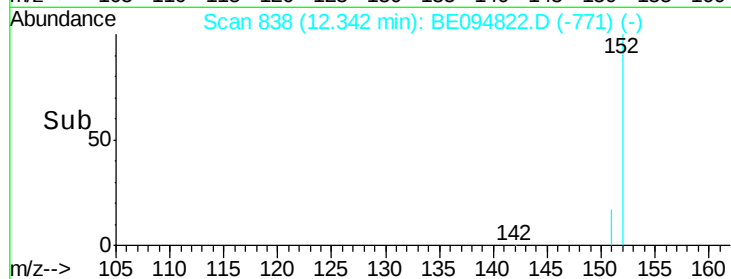
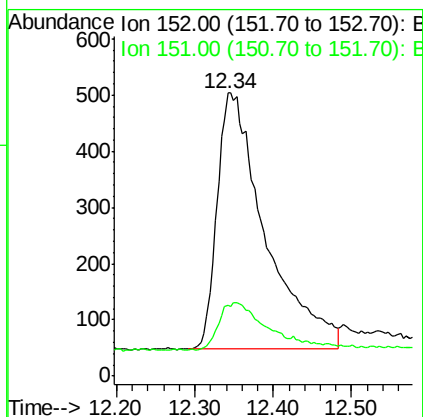
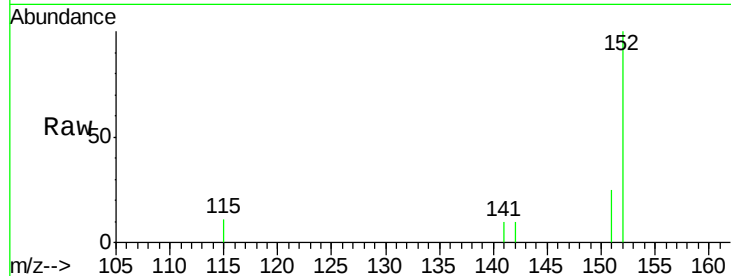
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.34 min Scan# 838
Delta R.T. 0.05 min
Lab File: BE094822.D
Acq: 15 Nov 2017 19:36

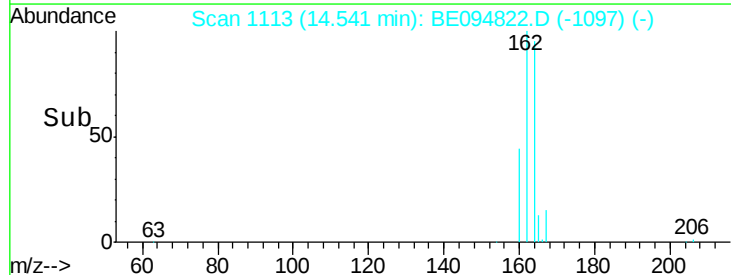
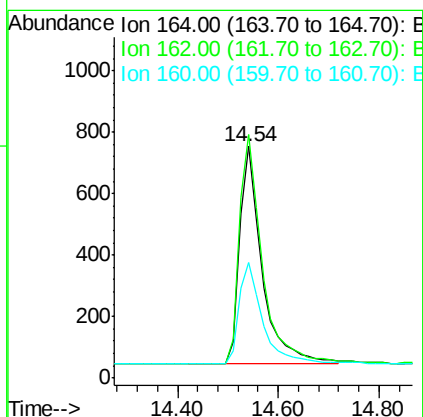
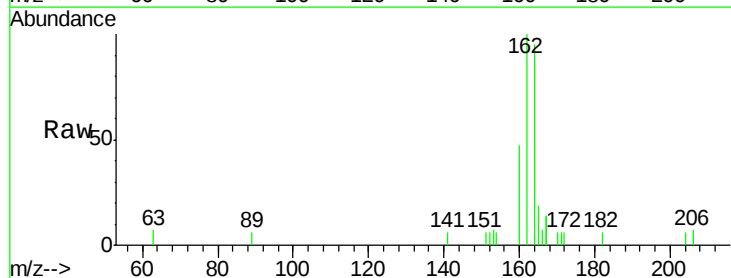
Instrument :
BNA_E
ClientSampleId :

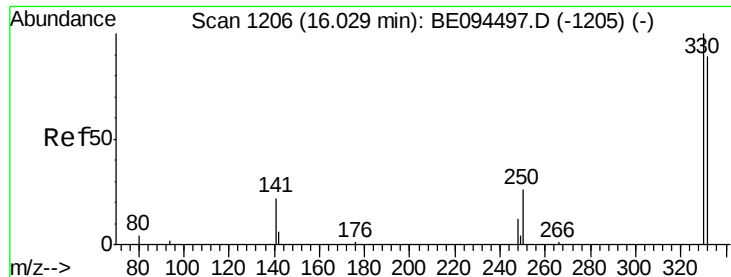
Tot Ion:152 Resp: 1949
Ion Ratio Lower Upper
152 100
151 16.9 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BE094822.D
Acq: 15 Nov 2017 19:36

Tgt Ion:164 Resp: 2167
Ion Ratio Lower Upper
164 100
162 105.2 83.1 124.7
160 49.9 37.1 55.7

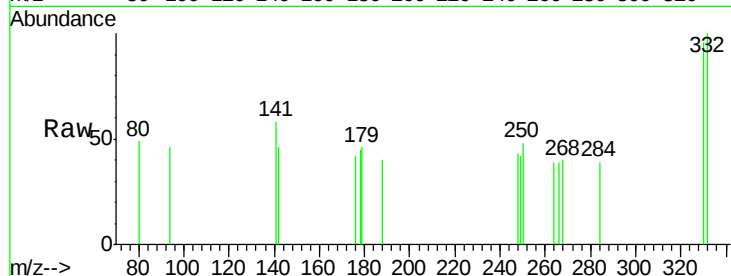




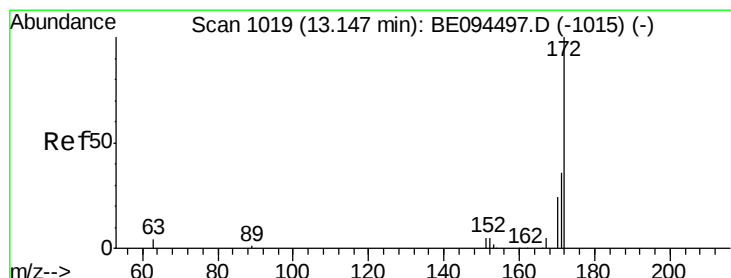
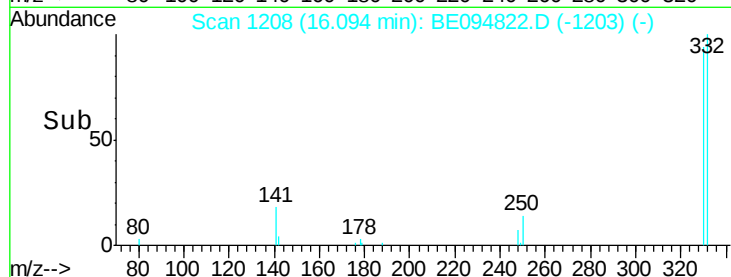
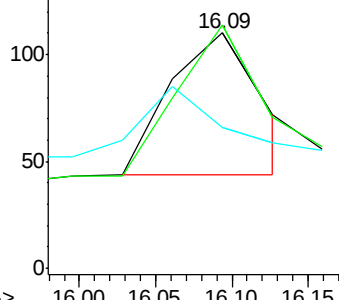
#14
 2,4,6-Tribromophenol
 Concen: 0.46 ng
 RT: 16.09 min Scan# 1208
 Delta R.T. 0.06 min
 Lab File: BE094822.D
 Acq: 15 Nov 2017 19:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 272
 Ion Ratio Lower Upper
 330 100
 332 97.8 152.7 229.1#
 141 0.0 33.7 50.5#

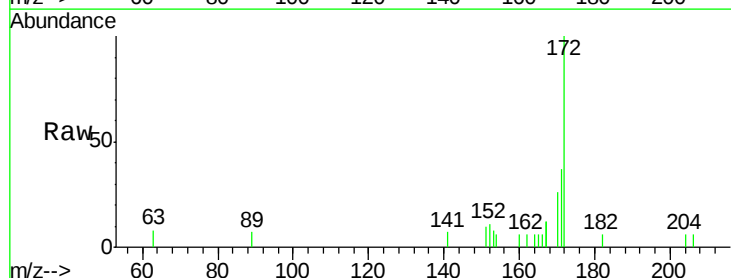


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

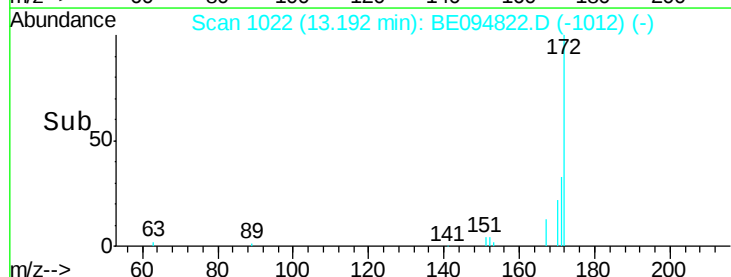
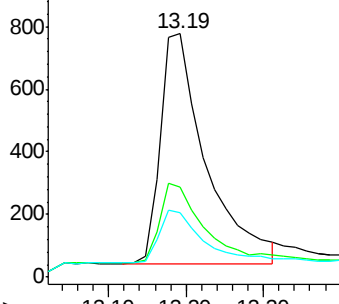


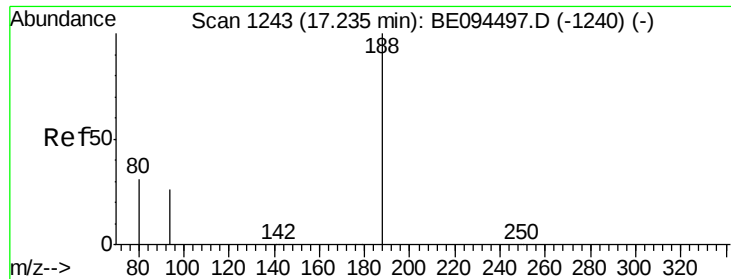
#15
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.19 min Scan# 1022
 Delta R.T. 0.05 min
 Lab File: BE094822.D
 Acq: 15 Nov 2017 19:36

Tgt Ion:172 Resp: 2994
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.9 44.9
 170 26.4 21.8 32.8



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

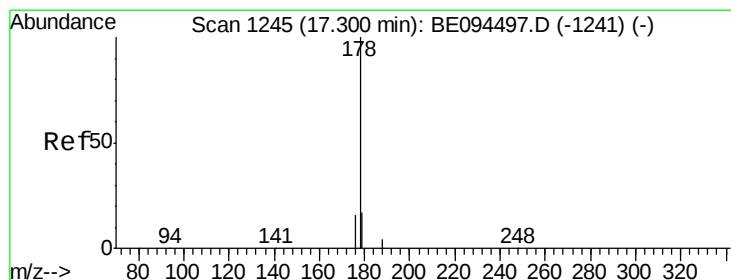
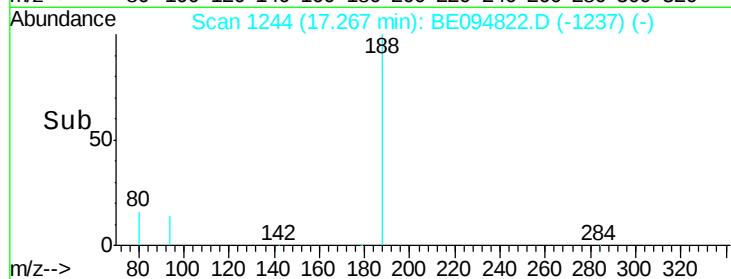
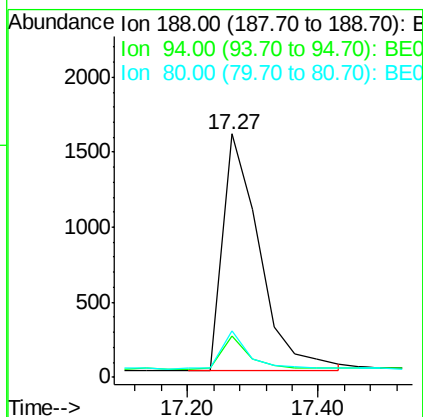
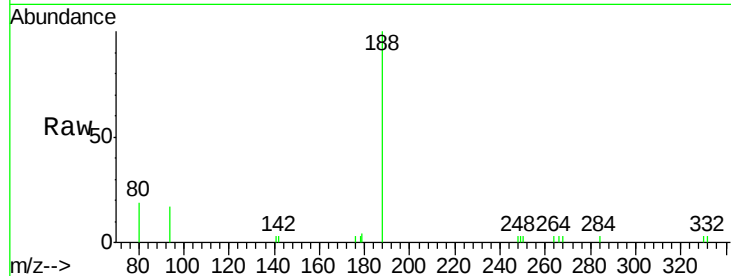




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094822.D
Acq: 15 Nov 2017 19:36

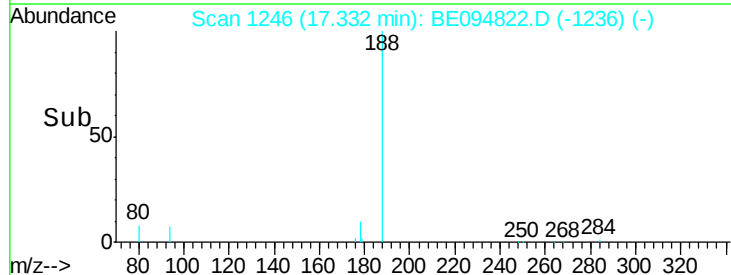
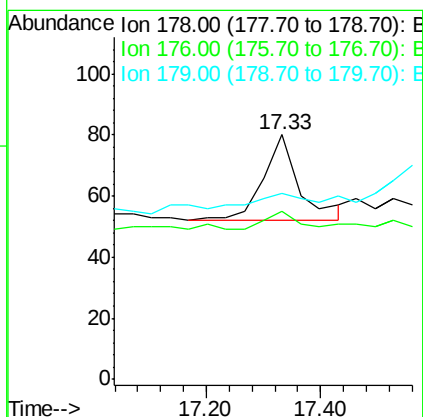
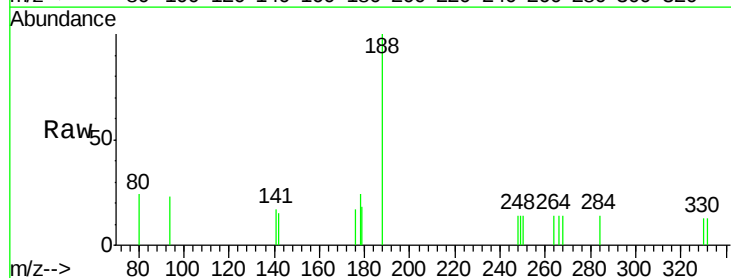
Instrument :
BNA_E
ClientSampleId :

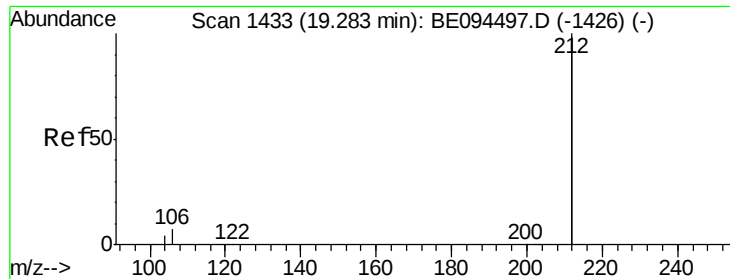
Tot Ion:188 Resp: 6209
Ion Ratio Lower Upper
188 100
94 16.8 3.9 5.9#
80 19.1 3.6 5.4#



#23
Phenanthrene
Concen: Below Cal
RT: 17.33 min Scan# 1246
Delta R.T. 0.03 min
Lab File: BE094822.D
Acq: 15 Nov 2017 19:36

Tgt Ion:178 Resp: 125
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 28.0 11.8 17.6#

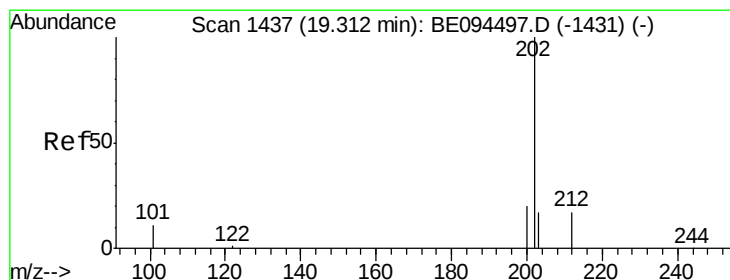
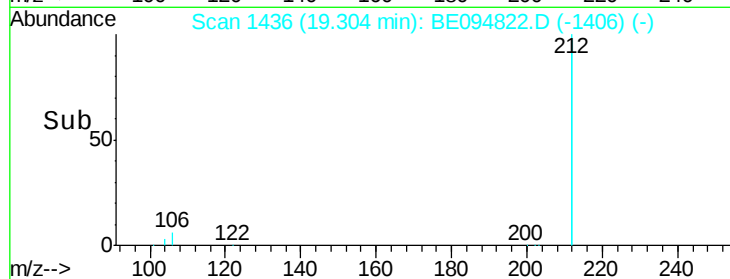
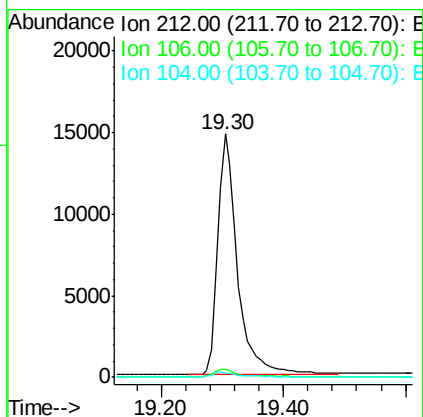
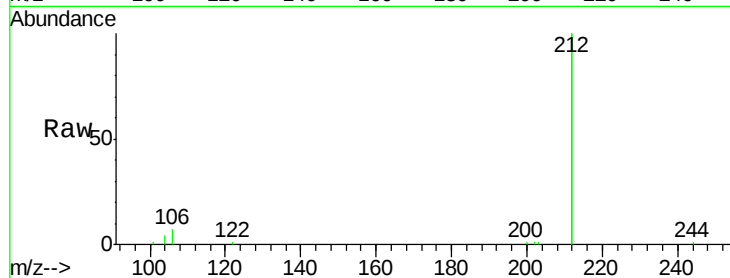




#25
 Fluoranthene-d10
 Concen: 0.43 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.02 min
 Lab File: BE094822.D
 Acq: 15 Nov 2017 19:36

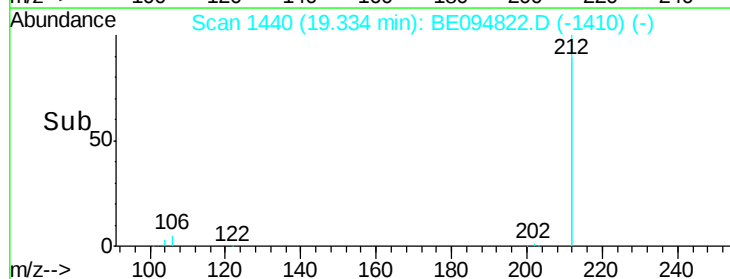
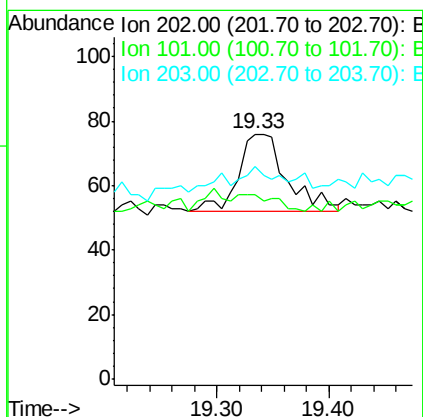
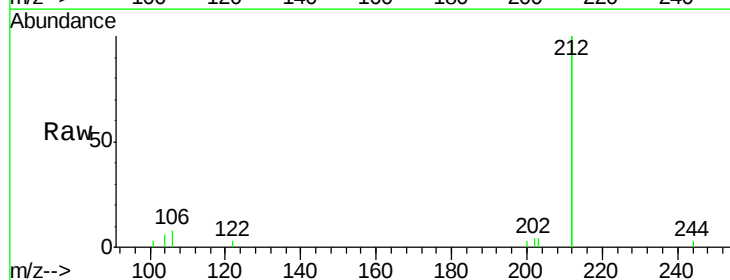
Instrument :
 BNA_E
 ClientSampleId :

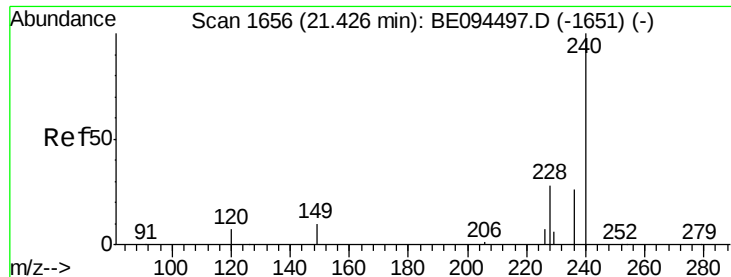
Tot Ion:212 Resp: 32363
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: Below Cal
 RT: 19.33 min Scan# 1440
 Delta R.T. 0.02 min
 Lab File: BE094822.D
 Acq: 15 Nov 2017 19:36

Tgt Ion:202 Resp: 72
 Ion Ratio Lower Upper
 202 100
 101 16.7 9.8 14.8#
 203 12.5 13.7 20.5#





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.02 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

Instrument :

BNA_E

ClientSampled :

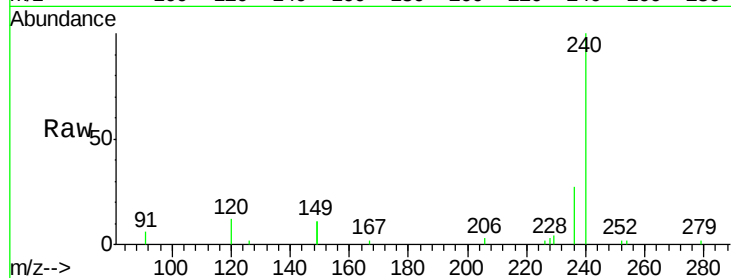
Tot Ion:240 Resp: 7800

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

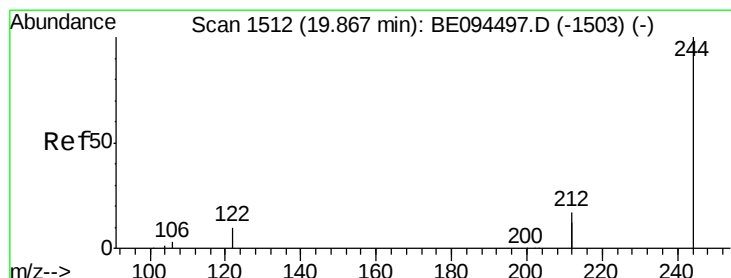
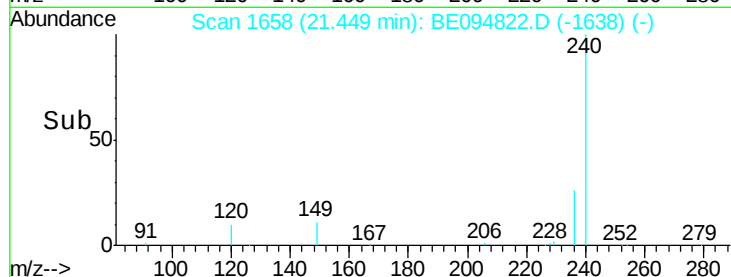
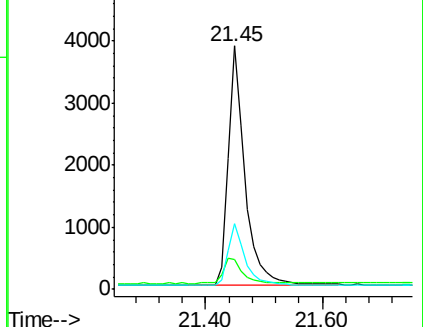
236 27.2 20.7 31.1



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: 0.39 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094822.D

Acq: 15 Nov 2017 19:36

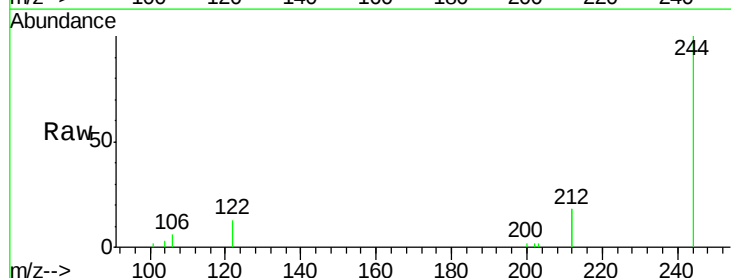
Tgt Ion:244 Resp: 5795

Ion Ratio Lower Upper

244 100

212 36.8 25.4 38.0

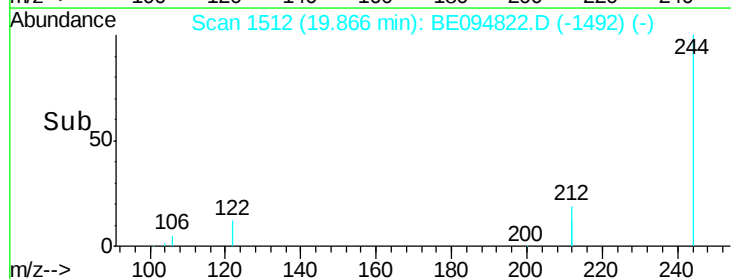
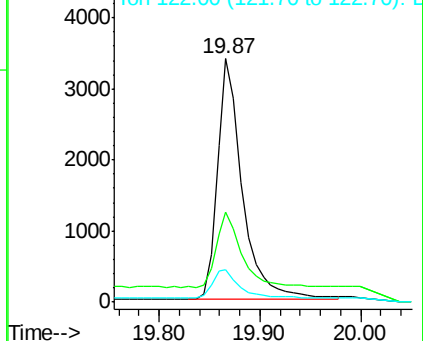
122 13.4 8.1 12.1#

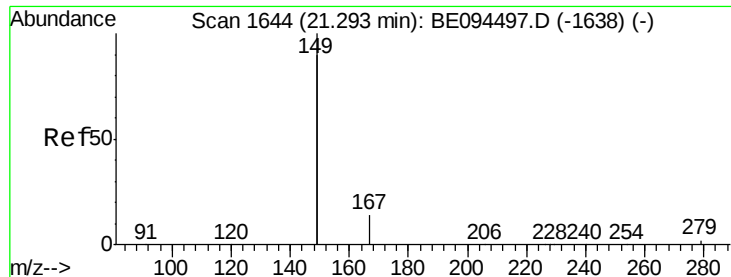


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

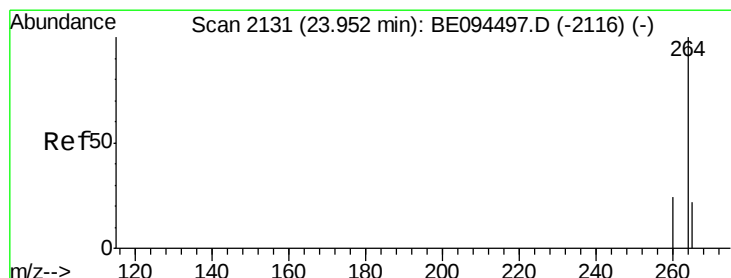
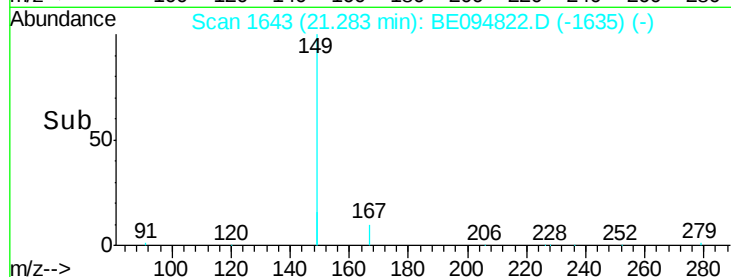
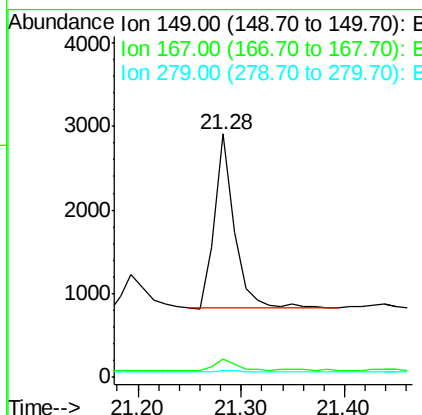
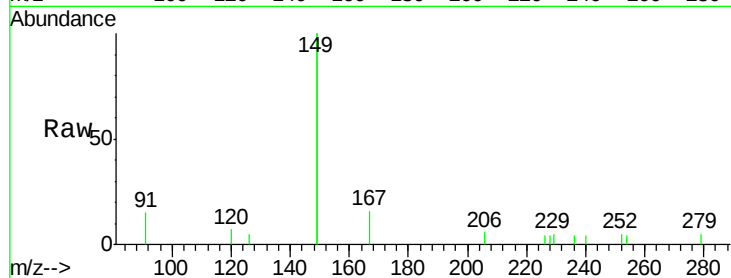




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.28 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE094822.D
 Acq: 15 Nov 2017 19:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2743
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.4 8.0
 279 0.9 0.7 1.1



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.99 min Scan# 2140
 Delta R.T. 0.04 min
 Lab File: BE094822.D
 Acq: 15 Nov 2017 19:36

Tgt Ion:264 Resp: 7154
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 30.5 22.8 34.2

