

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
 Data File : BE095663.D
 Acq On : 12 Feb 2018 16:09
 Operator : SJ/JU
 Sample : J1521-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 03:25:33 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

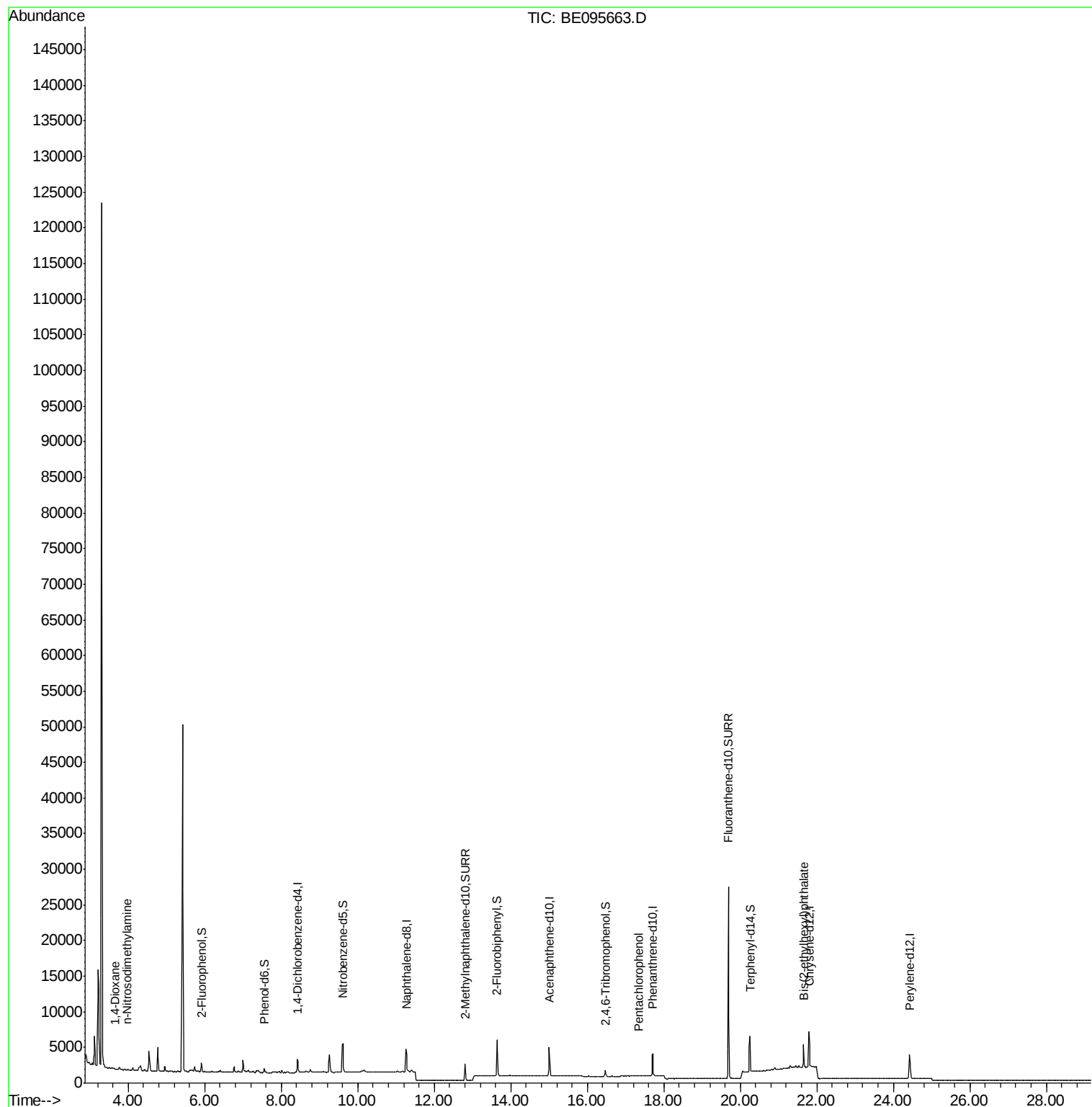
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1008	0.40	ng	-0.01
7) Naphthalene-d8	11.28	136	4028	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2354	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5306	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5623	0.40	ng	0.00
34) Perylene-d12	24.43	264	5310	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	585	0.19	ng	0.00
5) Phenol-d6	7.55	99	488	0.12	ng	-0.01
8) Nitrobenzene-d5	9.61	82	2003	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3099	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	474	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5232	0.52	ng	-0.02
25) Fluoranthene-d10	19.69	212	34039	0.49	ng	0.00
29) Terphenyl-d14	20.25	244	5732	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.66	88	51	0.03	ng	# 16
3) n-Nitrosodimethylamine	3.98	42	50	0.02	ng	# 3
22) Pentachlorophenol	17.36	266	22	0.18	ng	97
32) Bis(2-ethylhexyl)phthalate	21.65	149	3813	0.09	ng	# 100

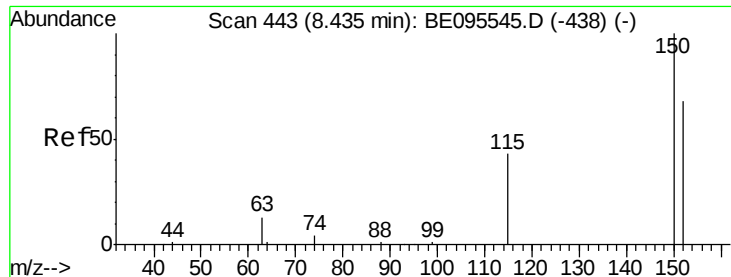
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
Data File : BE095663.D
Acq On : 12 Feb 2018 16:09
Operator : SJ/JU
Sample : J1521-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 13 03:25:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration



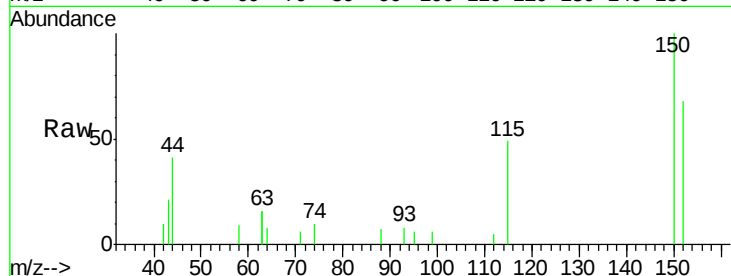


#1

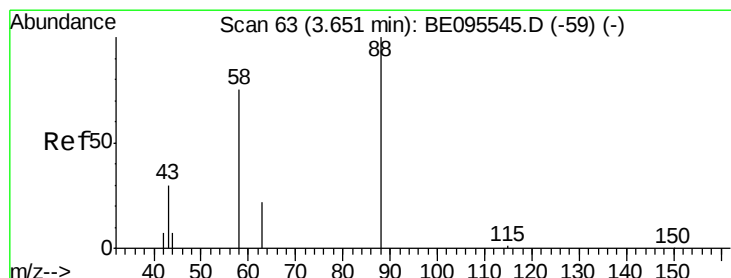
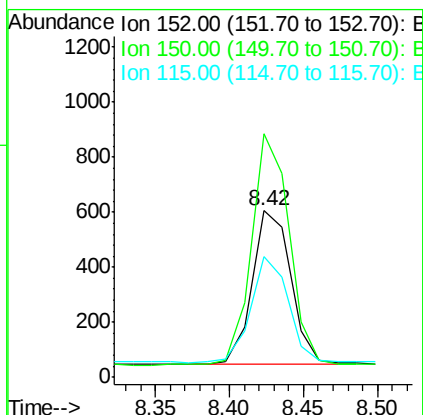
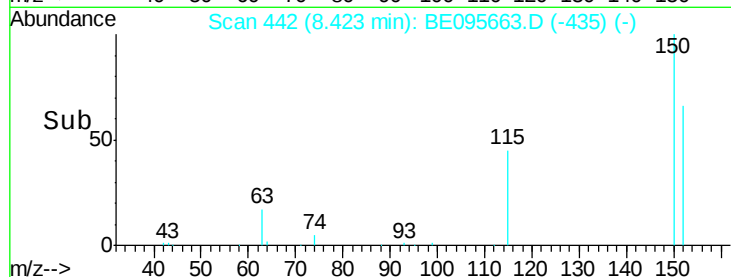
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095663.D
Acq: 12 Feb 2018 16:09

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1008
Ion Ratio Lower Upper
152 100
150 146.3 117.2 175.8
115 72.4 57.0 85.6



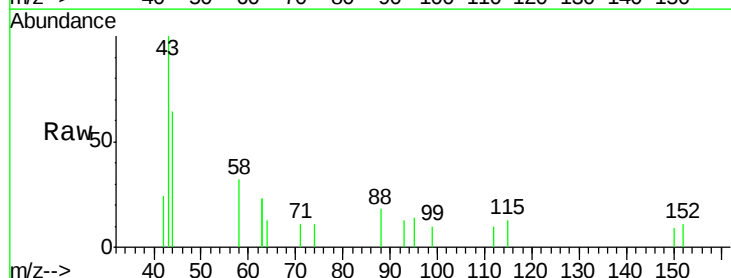
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



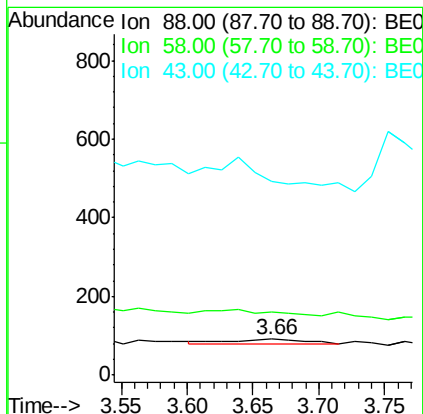
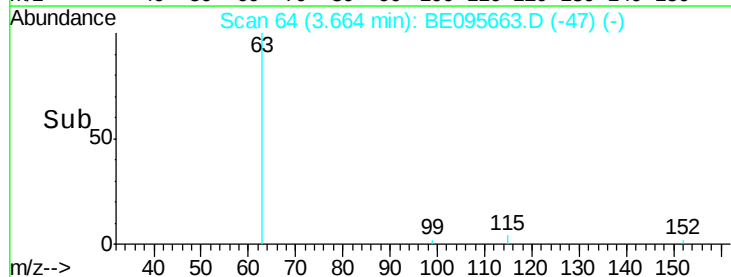
#2

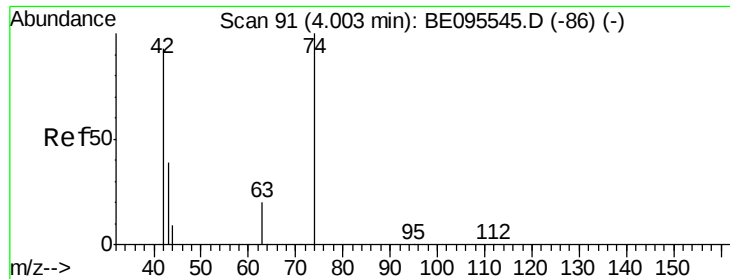
1,4-Dioxane
Concen: 0.03 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.01 min
Lab File: BE095663.D
Acq: 12 Feb 2018 16:09

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
58 0.0 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



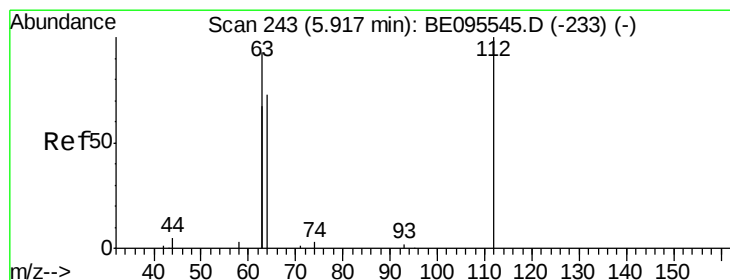
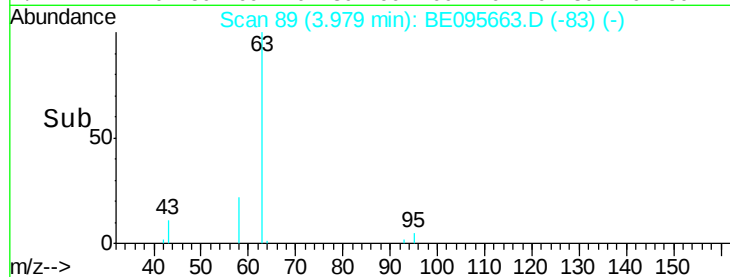
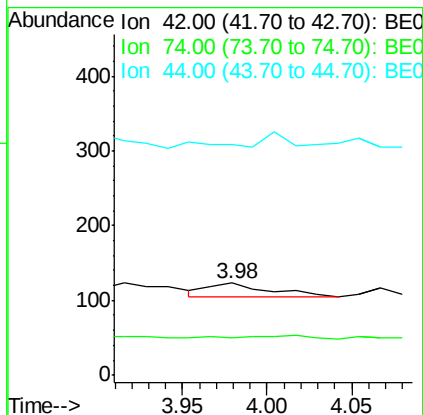
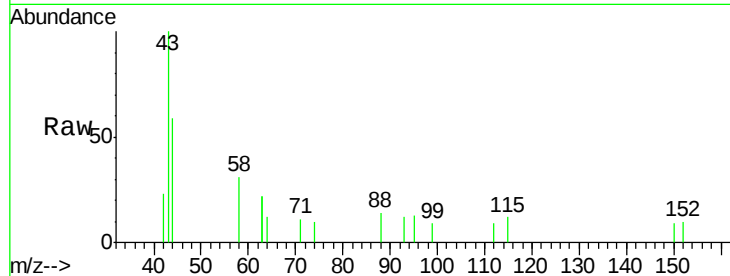


#3

n-Nitrosodimethylamine
 Concen: 0.02 ng
 RT: 3.98 min Scan# 89
 Delta R.T. -0.02 min
 Lab File: BE095663.D
 Acq: 12 Feb 2018 16:09

Instrument :
 BNA_E
 ClientSampleId :

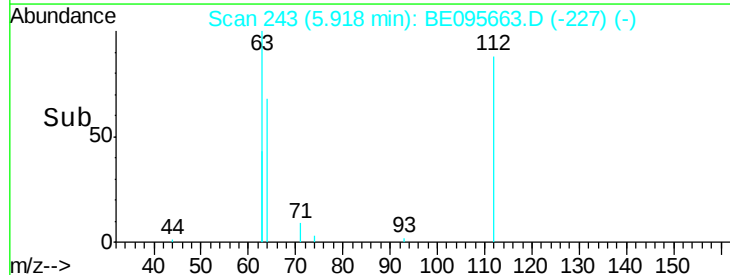
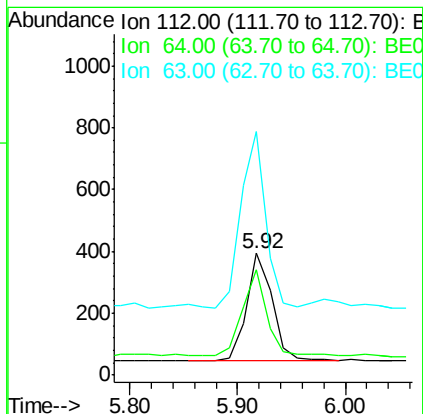
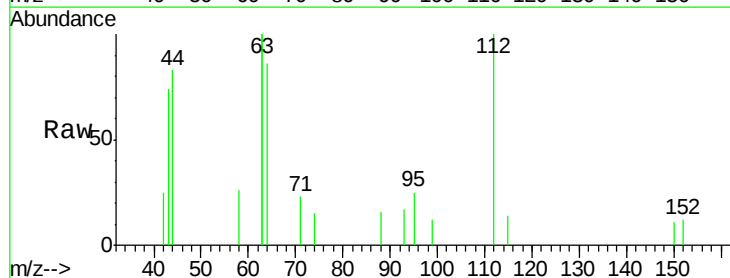
Tot Ion	Ratio	Lower	Upper
42	100		
74	4.0	96.0	144.0#
44	0.0	12.0	18.0#

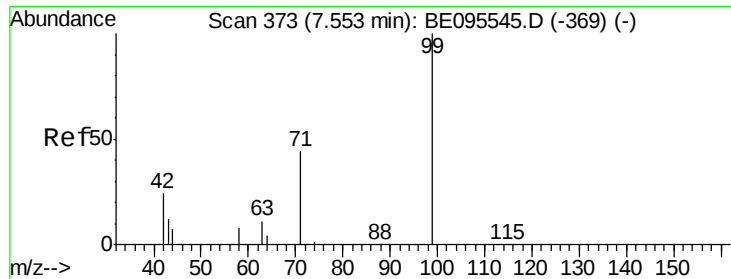


#4

2-Fluorophenol
 Concen: 0.19 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095663.D
 Acq: 12 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.3	60.1	90.1
63	153.8	116.8	175.2





#5

Phenol-d6

Concen: 0.12 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095663.D

Acq: 12 Feb 2018 16:09

Instrument :

BNA_E

ClientSampleId :

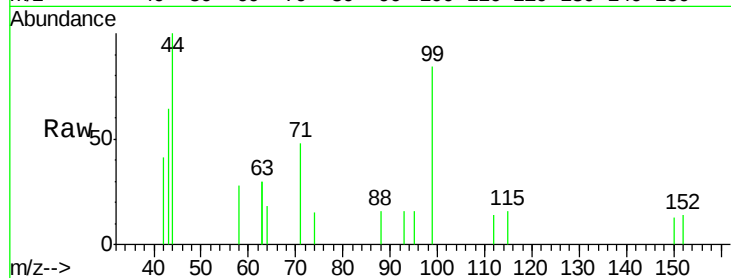
Tot Ion: 99 Resp: 488

Ion Ratio Lower Upper

99 100

42 26.2 20.2 30.2

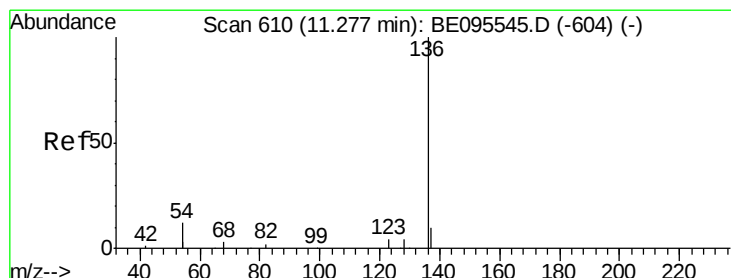
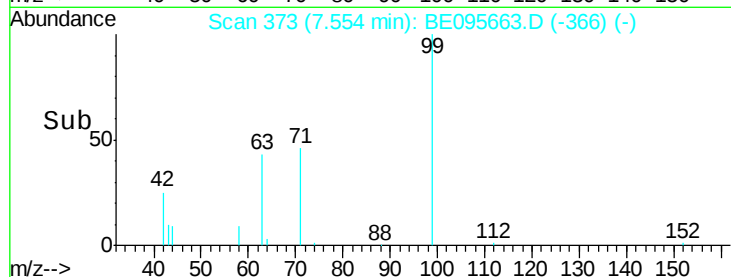
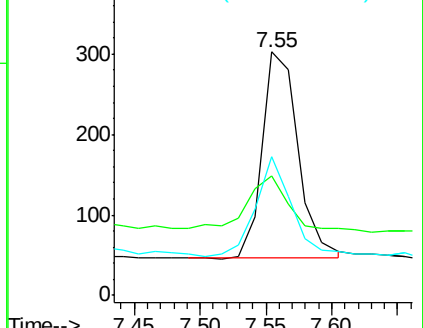
71 47.1 28.4 42.6#



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: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095663.D

Acq: 12 Feb 2018 16:09

Tgt Ion: 136 Resp: 4028

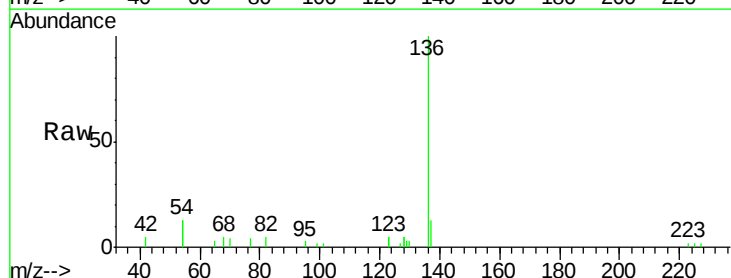
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 25.2 29.1 43.7#

68 5.4 6.2 9.2#

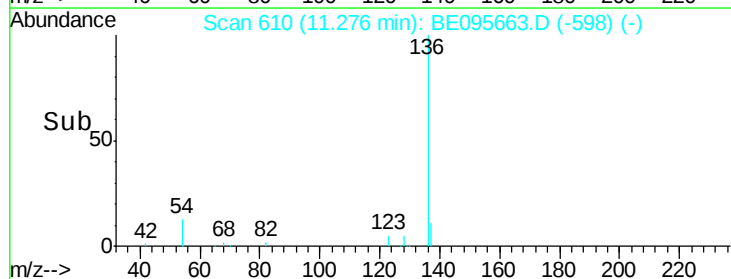
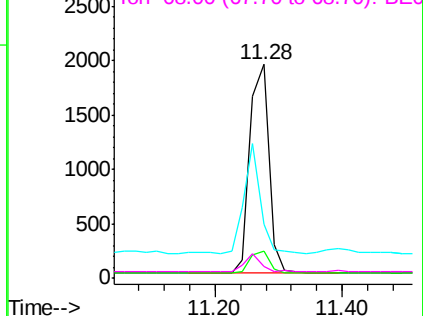


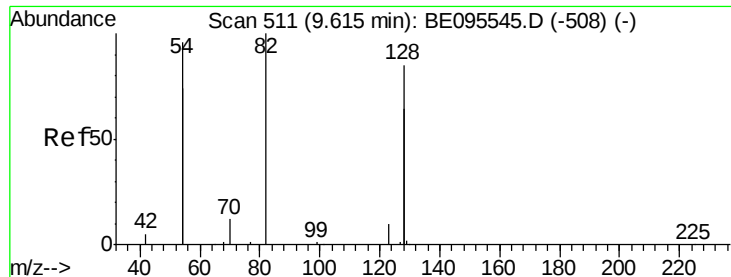
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.47 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095663.D

Acq: 12 Feb 2018 16:09

Instrument :

BNA_E

ClientSampleId :

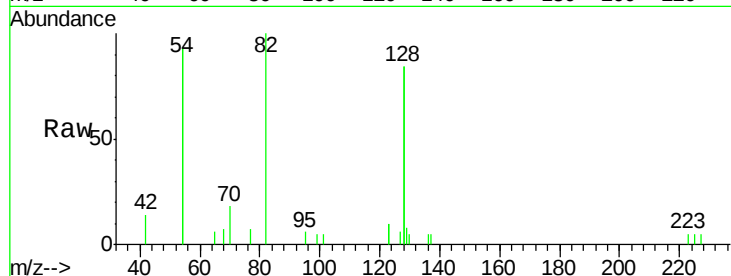
Tot Ion: 82 Resp: 2003

Ion Ratio Lower Upper

82 100

128 167.0 150.0 225.0

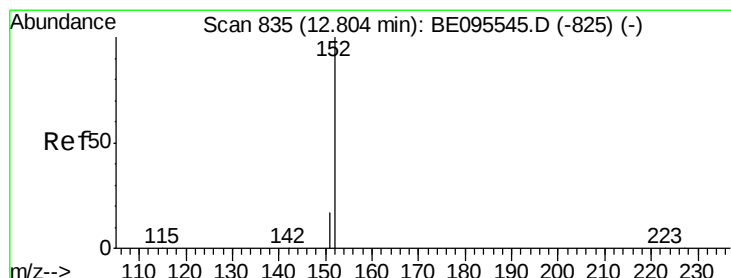
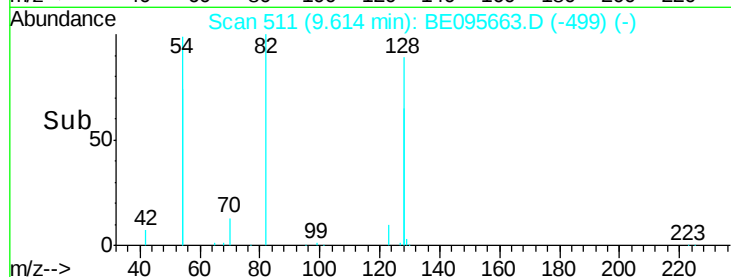
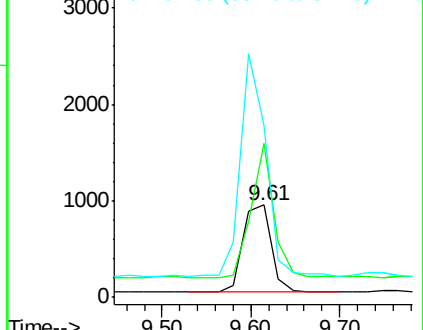
54 186.4 154.2 231.4



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



#11

2-Methylnaphthalene-d10

Concen: 0.46 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095663.D

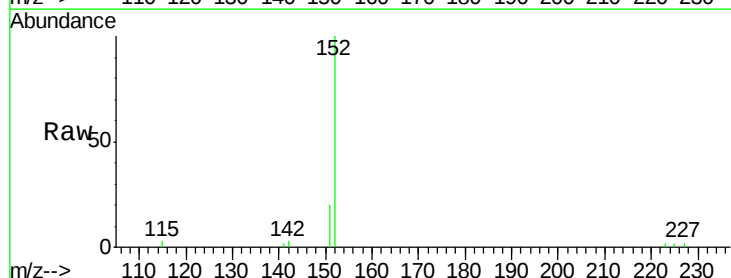
Acq: 12 Feb 2018 16:09

Tgt Ion: 152 Resp: 3099

Ion Ratio Lower Upper

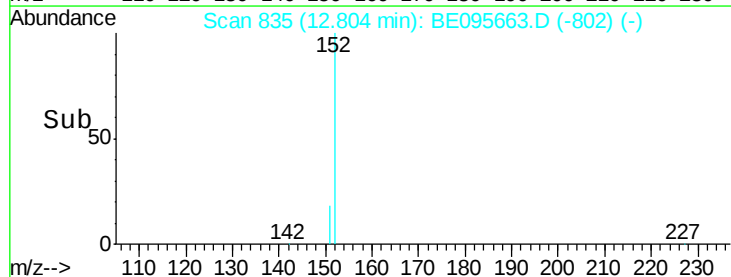
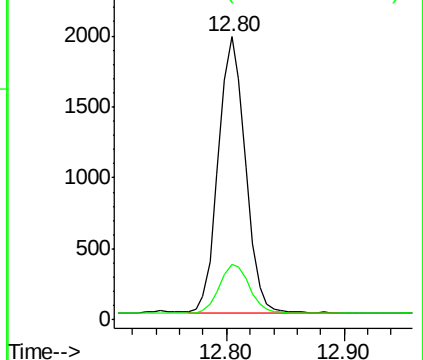
152 100

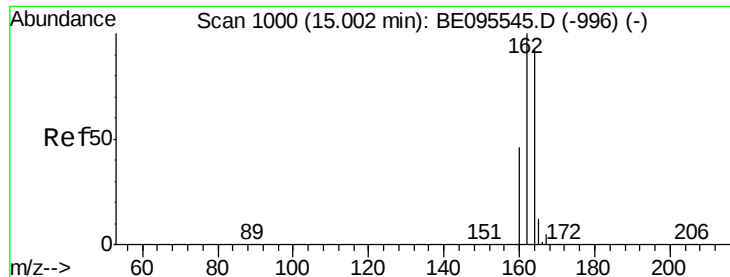
151 20.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

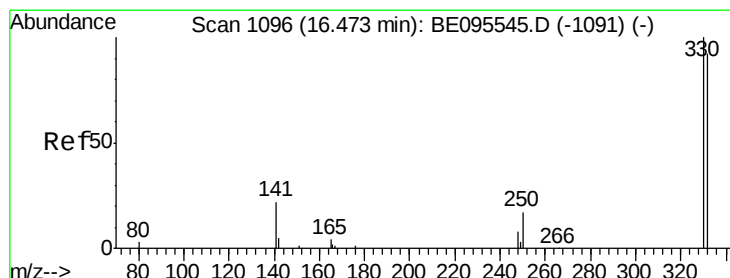
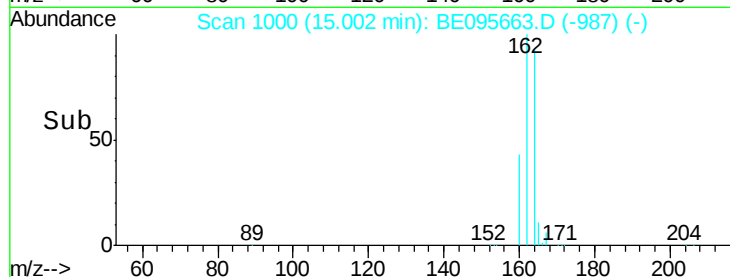
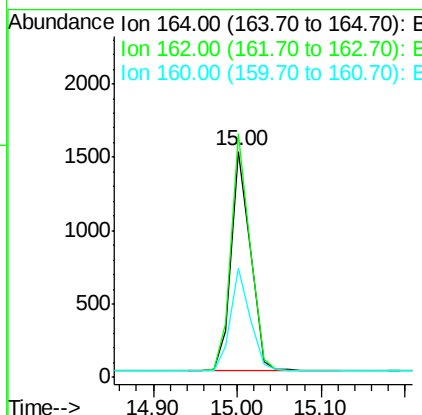
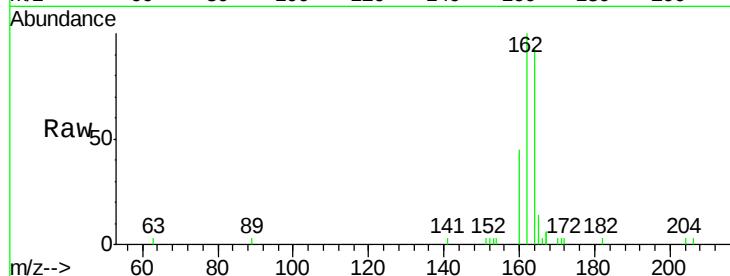




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095663.D
Acq: 12 Feb 2018 16:09

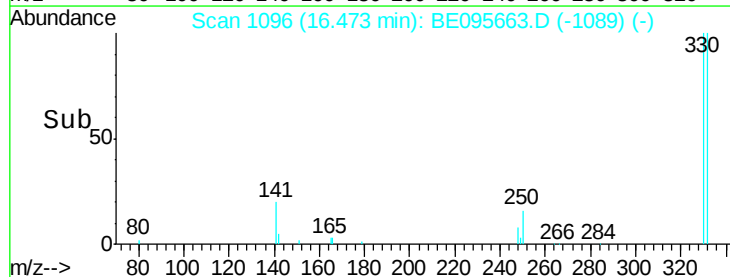
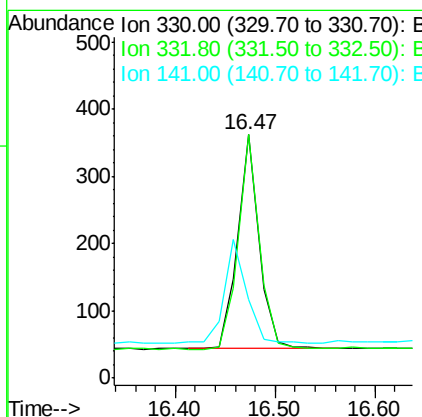
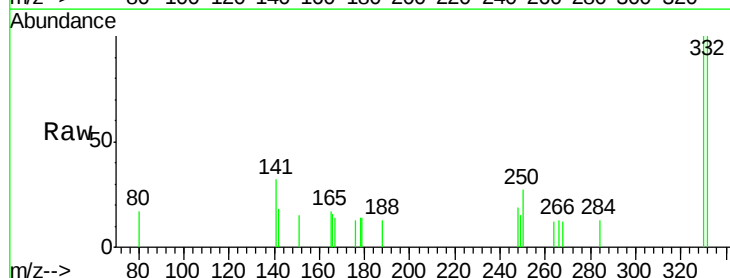
Instrument :
BNA_E
ClientSampleId :

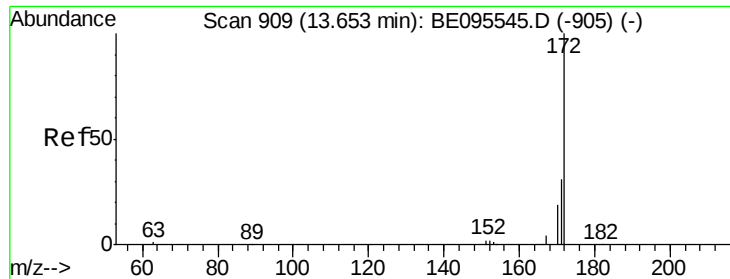
Tot Ion:164 Resp: 2354
Ion Ratio Lower Upper
164 100
162 107.8 83.1 124.7
160 48.2 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095663.D
Acq: 12 Feb 2018 16:09

Tgt Ion:330 Resp: 474
Ion Ratio Lower Upper
330 100
332 99.4 152.7 229.1#
141 51.3 33.7 50.5#

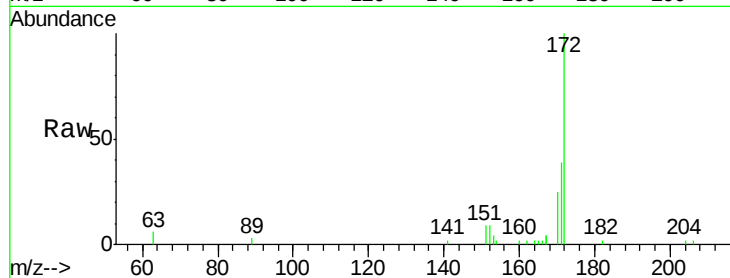




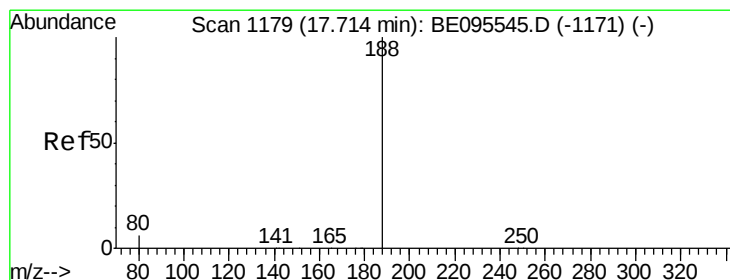
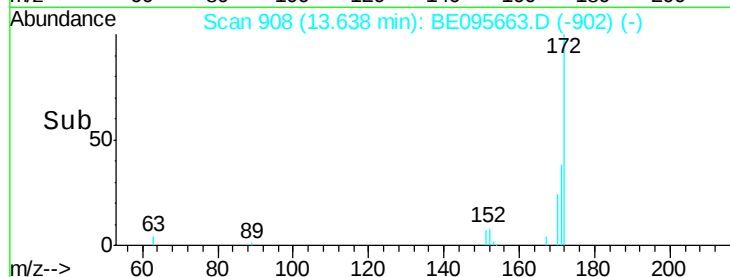
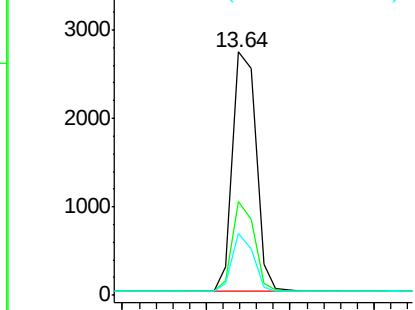
#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095663.D
Acq: 12 Feb 2018 16:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5232
Ion Ratio Lower Upper
172 100
171 38.6 29.9 44.9
170 25.3 21.8 32.8

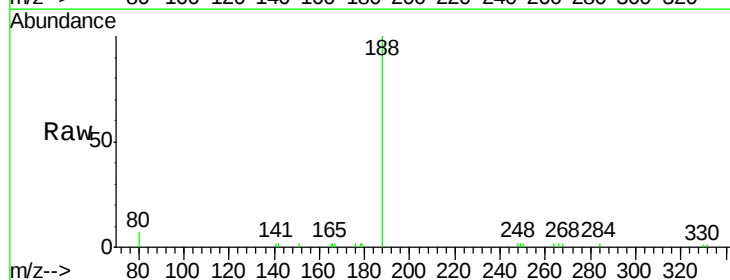


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

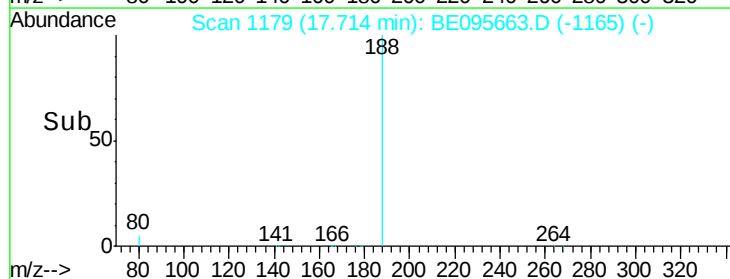
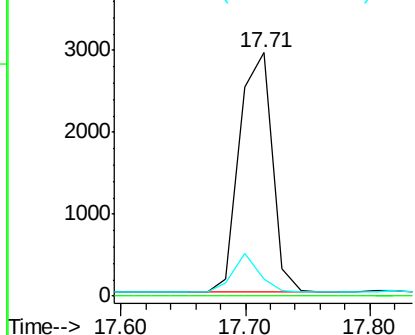


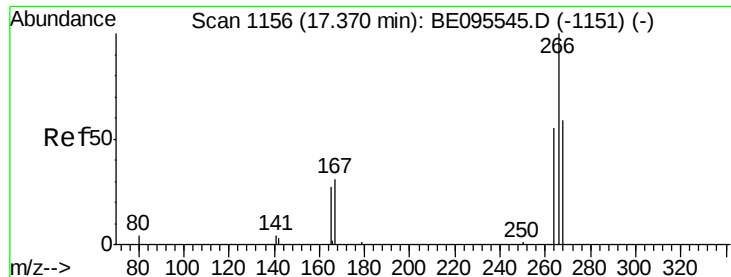
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095663.D
Acq: 12 Feb 2018 16:09

Tgt Ion:188 Resp: 5306
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.2 3.6 5.4#



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: 0.18 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095663.D

Acq: 12 Feb 2018 16:09

Instrument :

BNA_E

ClientSampleId :

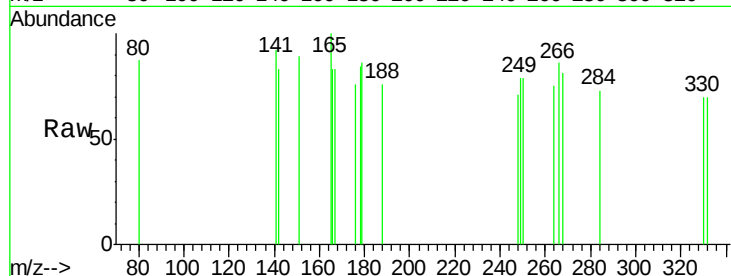
Tot Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 87.0 72.5 108.7

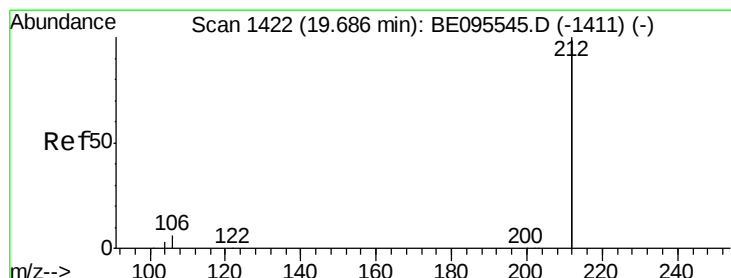
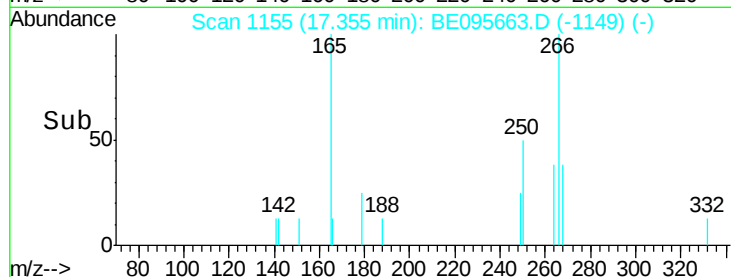
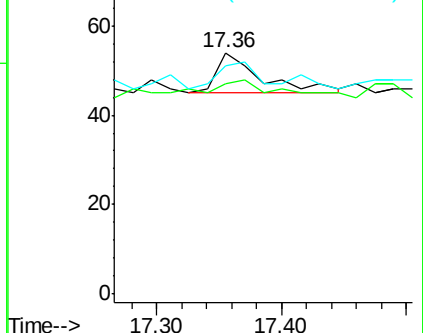
268 94.4 73.8 110.6



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: 0.49 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095663.D

Acq: 12 Feb 2018 16:09

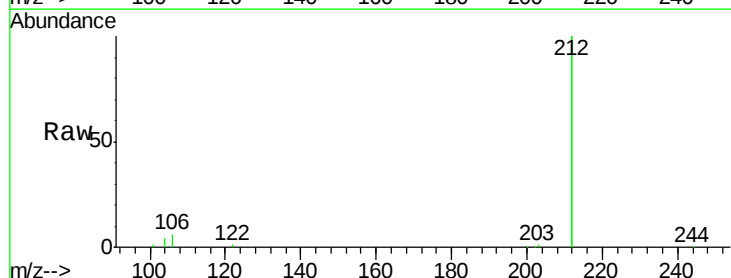
Tgt Ion:212 Resp: 34039

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

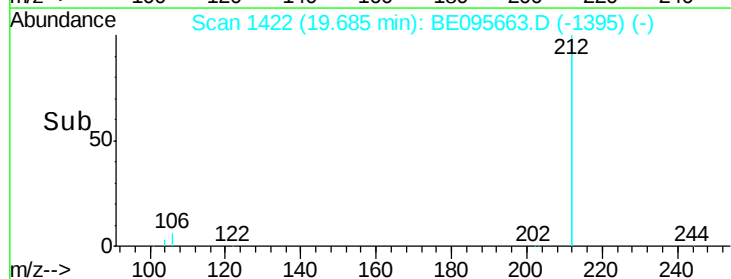
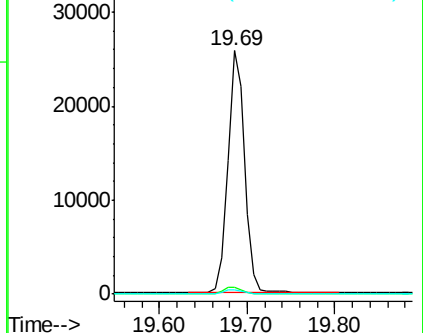
104 1.7 1.6 2.4

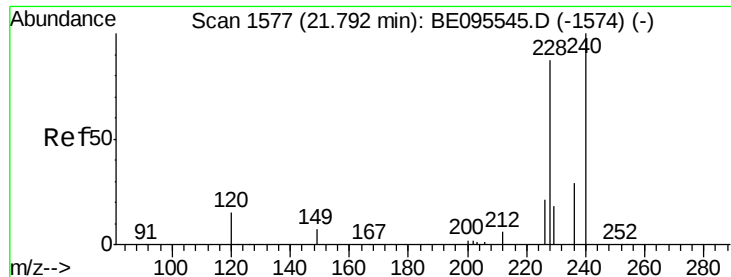


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095663.D

Acq: 12 Feb 2018 16:09

Instrument :

BNA_E

ClientSampleId :

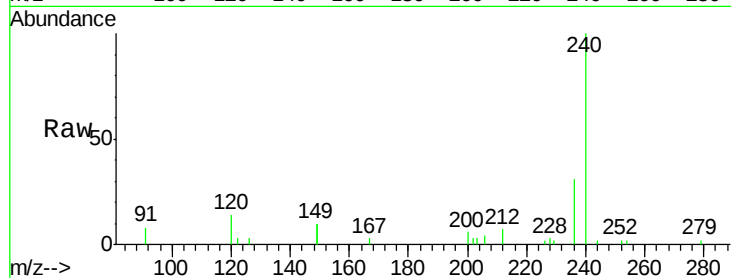
Tot Ion:240 Resp: 5623

Ion Ratio Lower Upper

240 100

120 14.1 5.5 8.3#

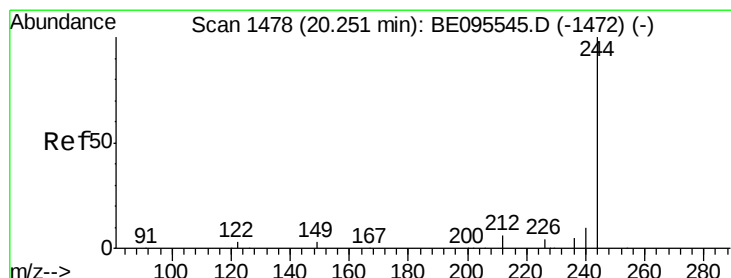
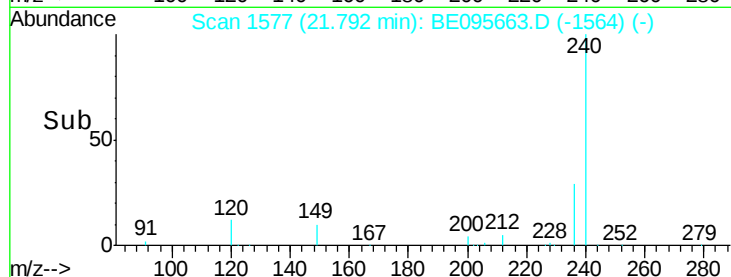
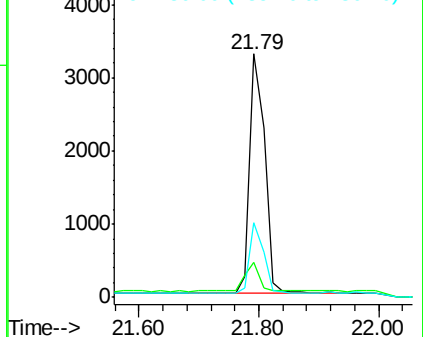
236 30.8 20.7 31.1



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: 0.48 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095663.D

Acq: 12 Feb 2018 16:09

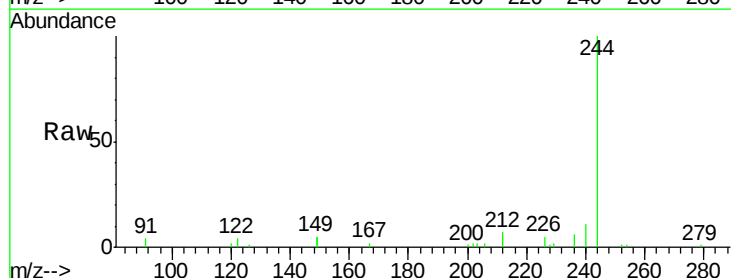
Tgt Ion:244 Resp: 5732

Ion Ratio Lower Upper

244 100

212 7.0 25.4 38.0#

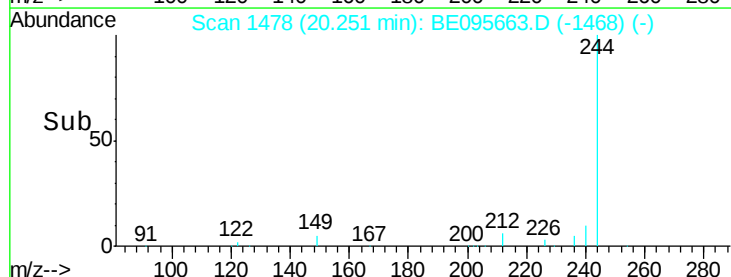
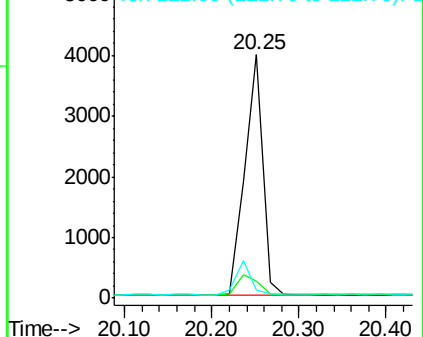
122 3.5 8.1 12.1#

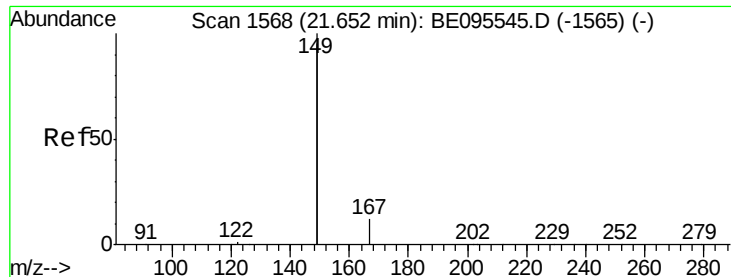


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

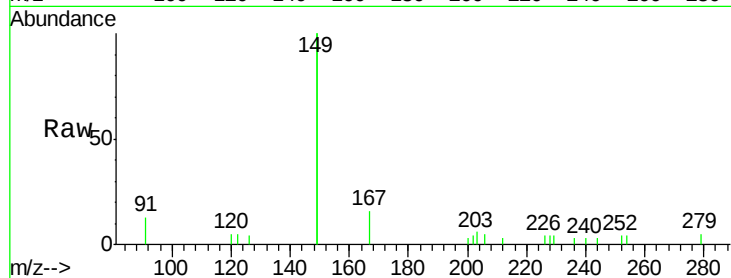




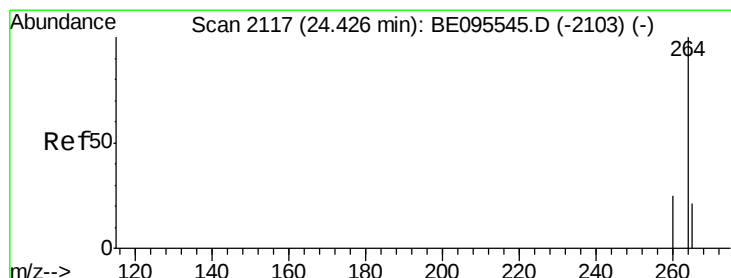
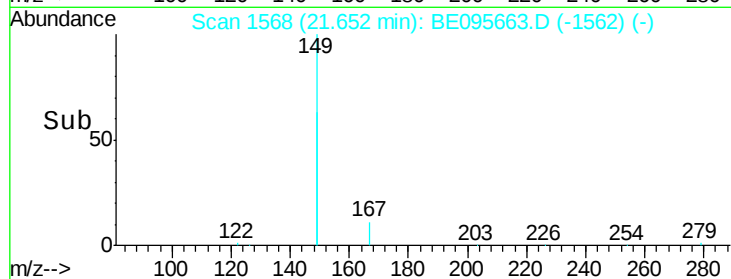
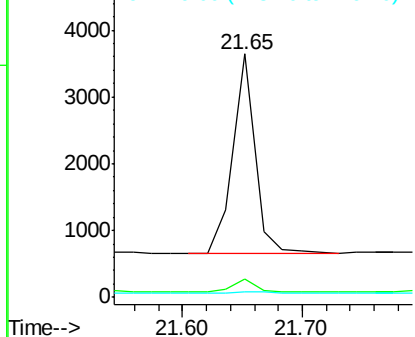
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.65 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BE095663.D
 Acq: 12 Feb 2018 16:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 3813
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.2 0.7 1.1#

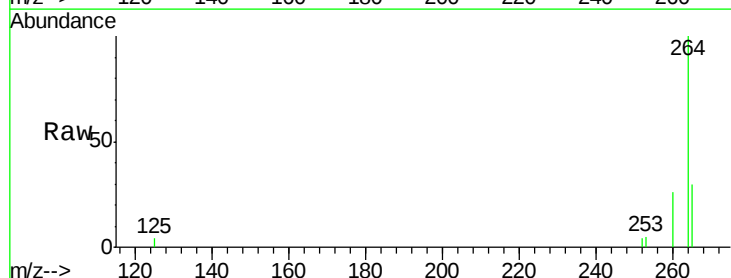


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095663.D
 Acq: 12 Feb 2018 16:09

Tgt Ion:264 Resp: 5310
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 29.7 22.8 34.2



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

