

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096227.D
 Acq On : 30 Apr 2018 18:21
 Operator : SJ/JU
 Sample : J2464-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW005-180417

Quant Time: May 01 02:29:34 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	816	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3150	0.40	ng	0.00
13) Acenaphthene-d10	14.95	164	1810	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4111	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4153	0.40	ng	0.01
34) Perylene-d12	24.35	264	3910	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.87	112	389	0.15	ng	0.00
5) Phenol-d6	7.52	99	398	0.11	ng	0.00
8) Nitrobenzene-d5	9.54	82	1427	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1783	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	341	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2717	0.35	ng	0.00
25) Fluoranthene-d10	19.64	212	20279	0.36	ng	0.00
29) Terphenyl-d14	20.19	244	3220	0.35	ng	0.00

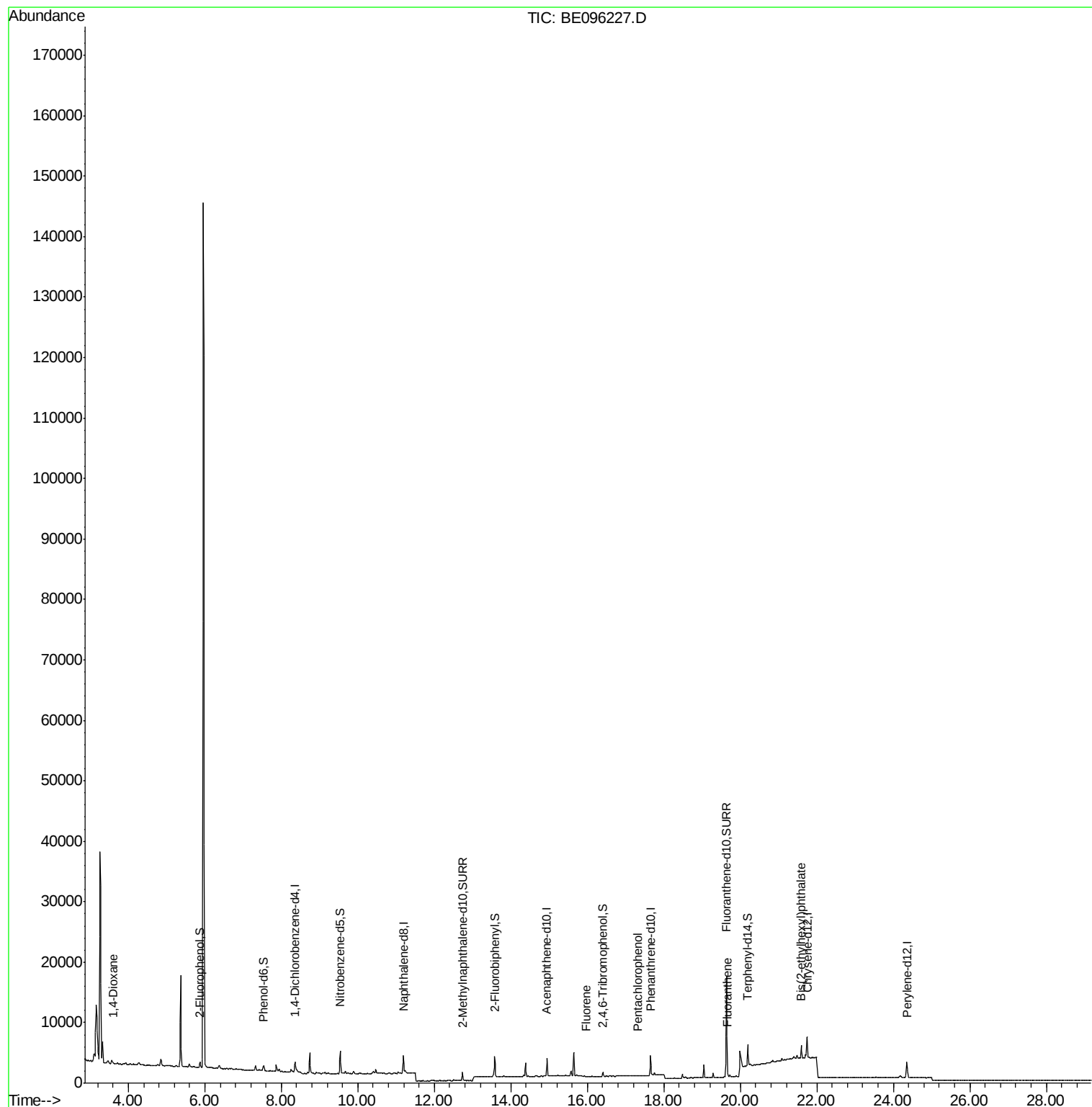
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	61	0.048	ng	# 1
18) Fluorene	15.97	166	200	0.028	ng	# 37
22) Pentachlorophenol	17.31	266	9	0.144	ng	# 92
26) Fluoranthene	19.66	202	500	0.033	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.60	149	2787	0.081	ng	# 99

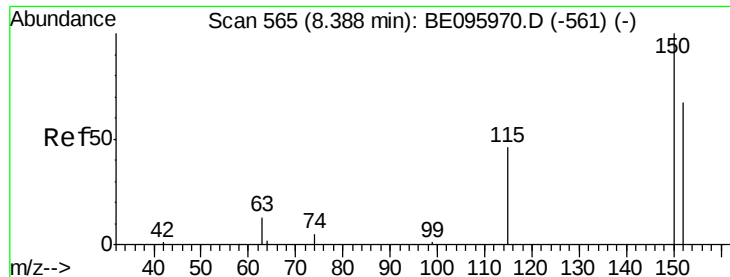
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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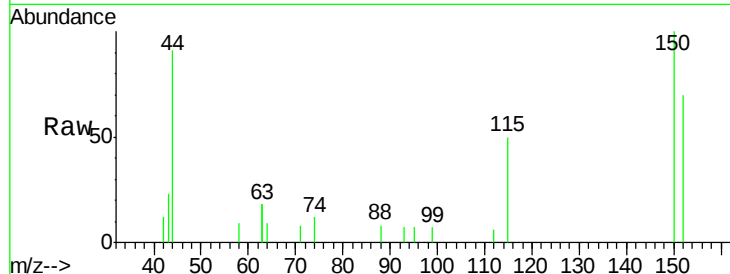


#1

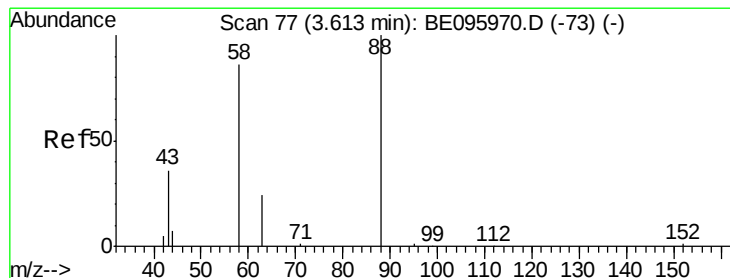
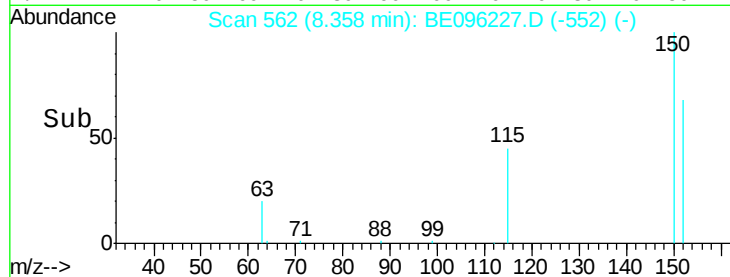
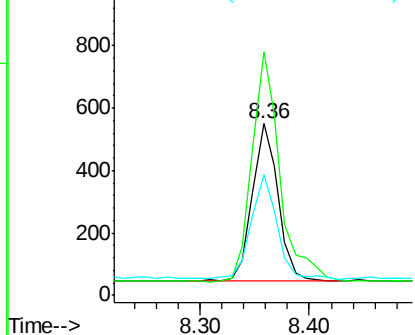
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096227.D
Acq: 30 Apr 2018 18:21

Instrument :
BNA_E
ClientSampleId :
LF017MW005-180417

Tgt Ion: 152 Resp: 816
Ion Ratio Lower Upper
152 100
150 142.0 117.2 175.8
115 70.7 57.0 85.6



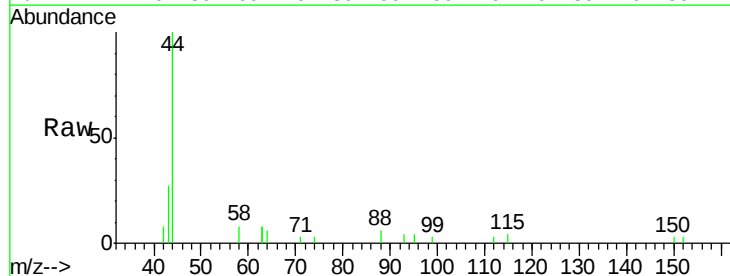
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



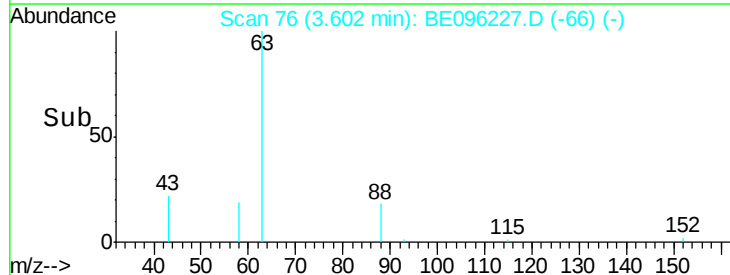
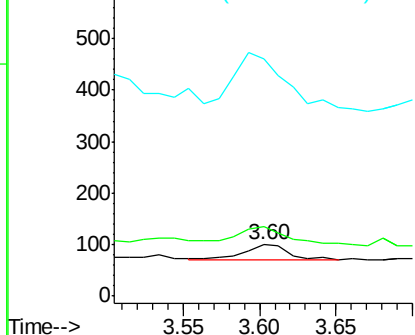
#2

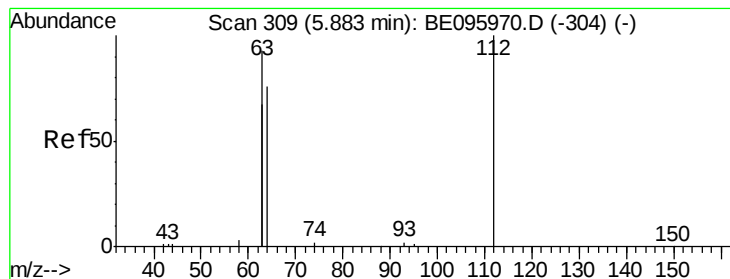
1,4-Dioxane
Concen: 0.048 ng
RT: 3.60 min Scan# 76
Delta R.T. -0.00 min
Lab File: BE096227.D
Acq: 30 Apr 2018 18:21

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
58 121.3 63.2 94.8#
43 413.1 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





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

LF017MW005-180417

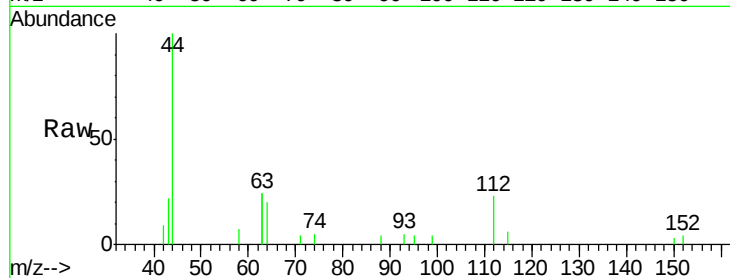
Tgt Ion: 112 Resp: 389

Ion Ratio Lower Upper

112 100

64 75.6 60.1 90.1

63 173.8 116.8 175.2

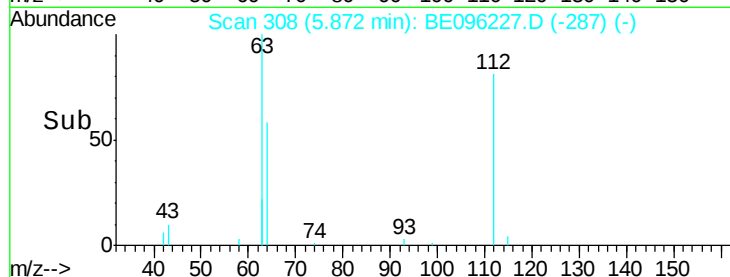


Abundance Ion 112.00 (111.70 to 112.70): BE0

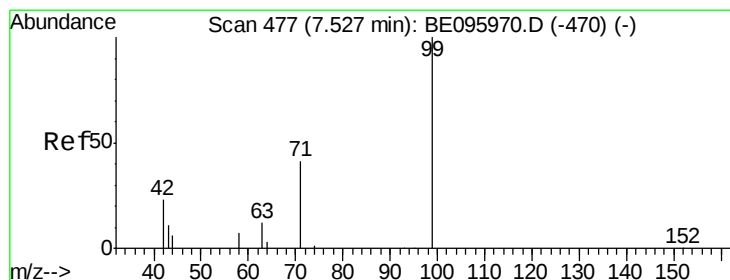
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.114 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

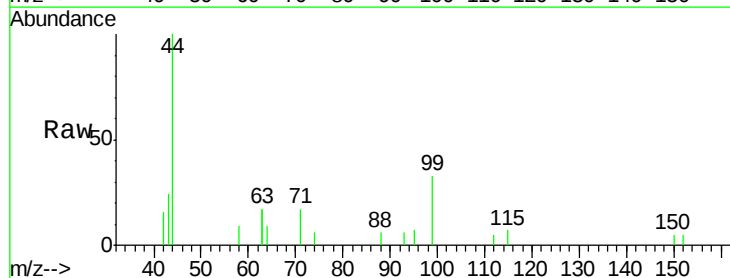
Tgt Ion: 99 Resp: 398

Ion Ratio Lower Upper

99 100

42 36.9 20.2 30.2#

71 57.5 28.4 42.6#

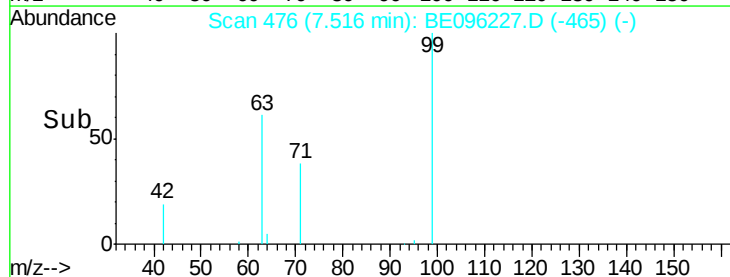


Abundance Ion 99.00 (98.70 to 99.70): BE0

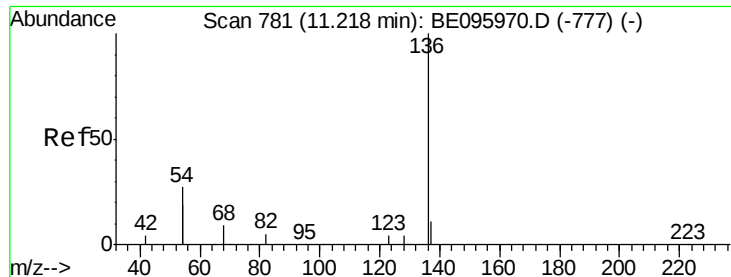
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

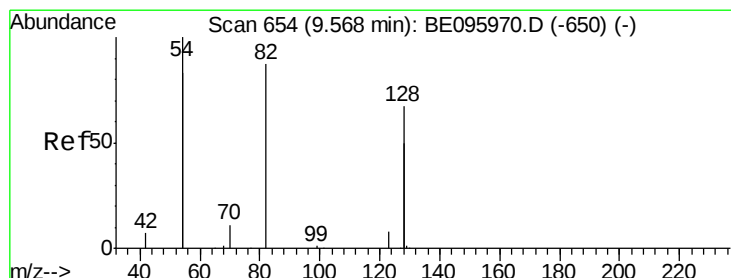
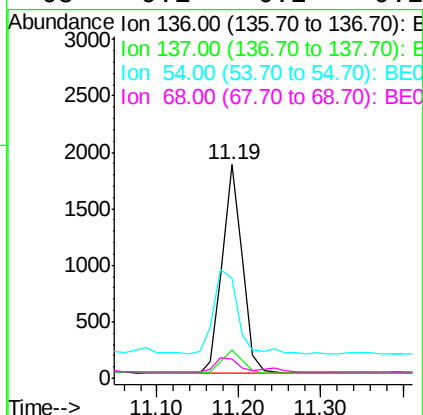
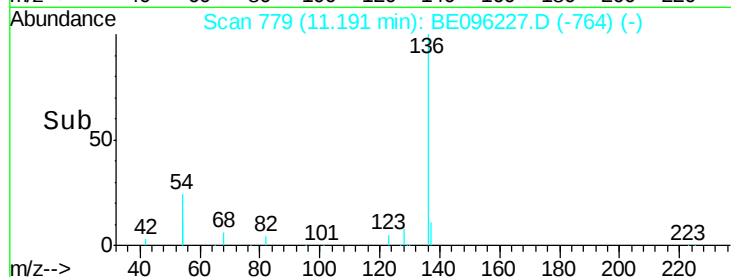
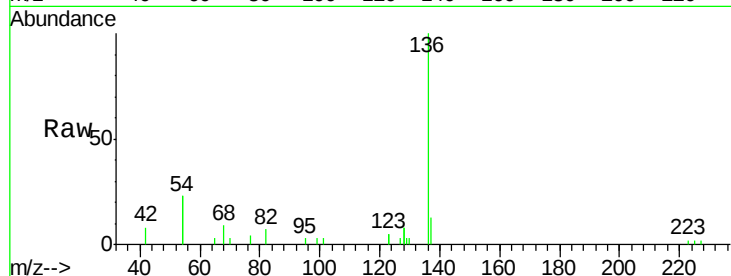
Instrument :

BNA_E

ClientSampleId :

LF017MW005-180417

Tgt Ion:	136	Resp:	3150
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	46.6	29.1	43.7#
68	9.1	6.2	9.2



#8

Nitrobenzene-d5

Concen: 0.386 ng

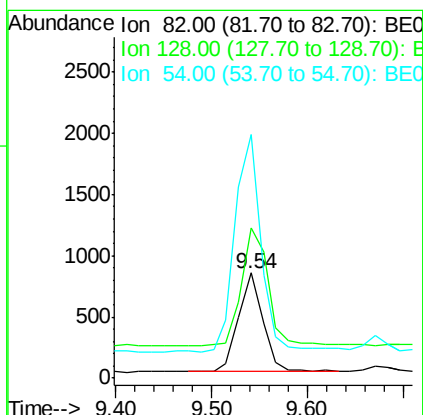
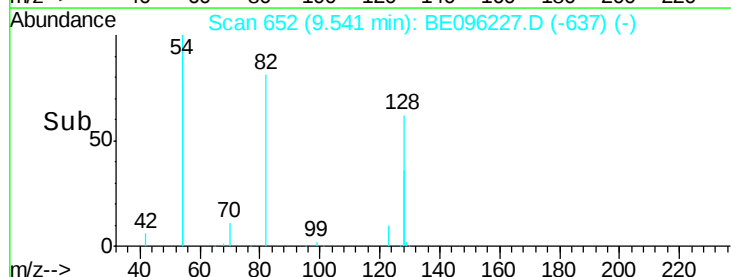
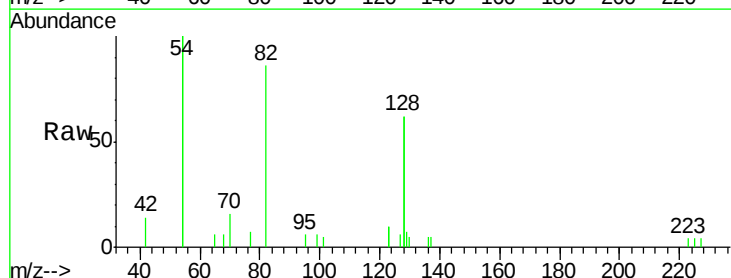
RT: 9.54 min Scan# 652

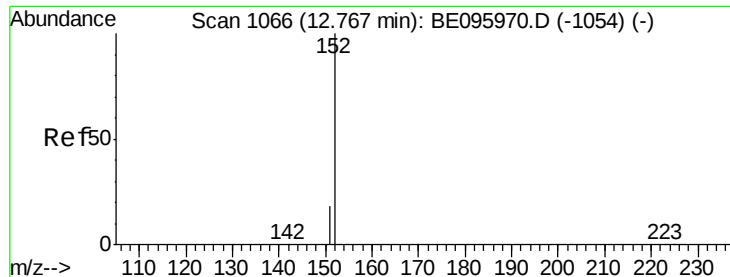
Delta R.T. -0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

Tgt Ion:	82	Resp:	1427
Ion	Ratio	Lower	Upper
82	100		
128	143.6	150.0	225.0#
54	231.9	154.2	231.4#

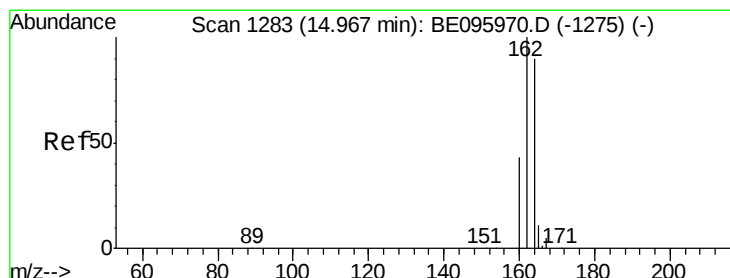
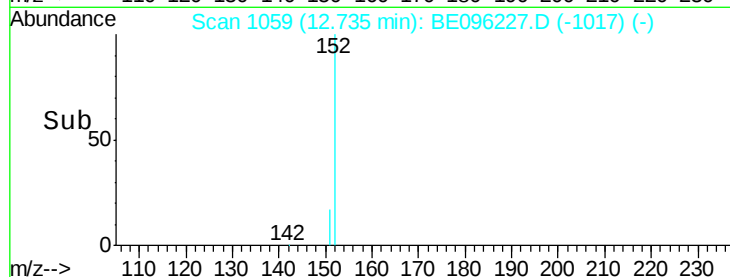
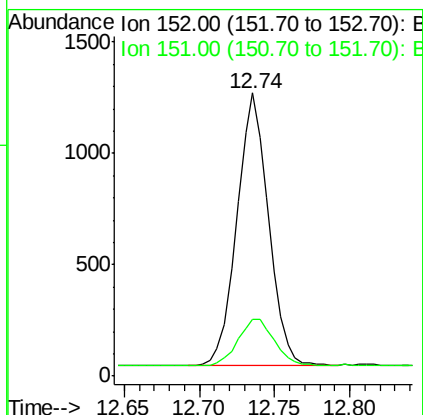
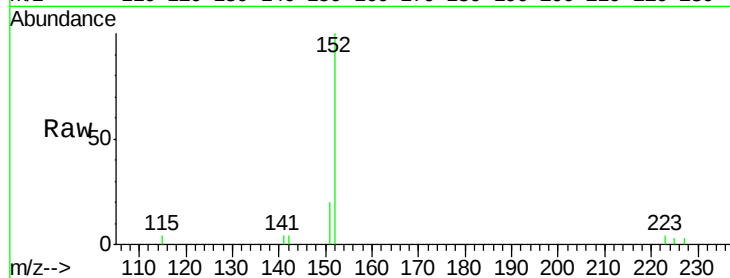




#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096227.D
Acq: 30 Apr 2018 18:21

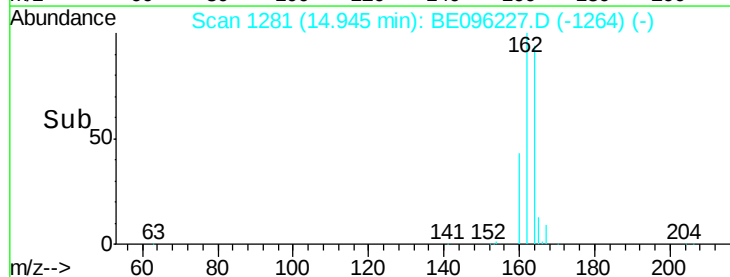
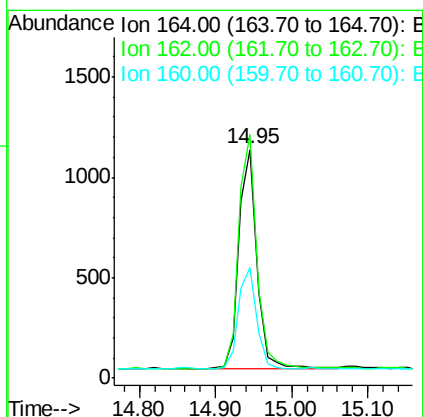
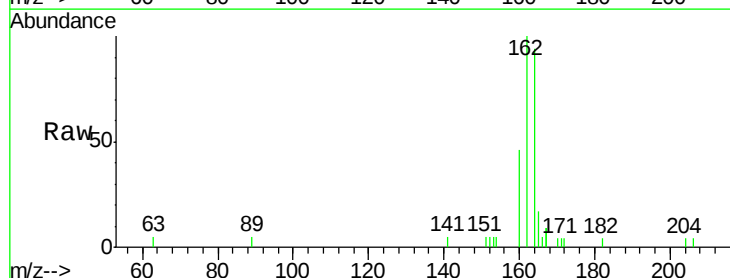
Instrument :
BNA_E
ClientSampleId :
LF017MW005-180417

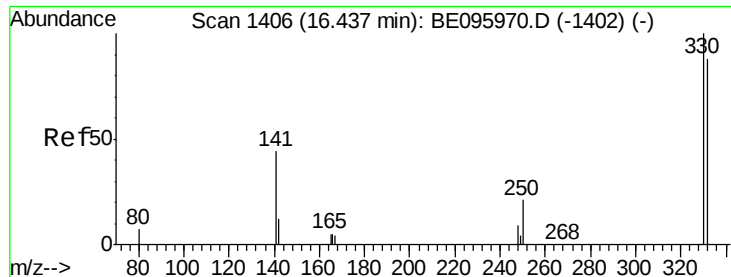
Tgt Ion:152 Resp: 1783
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.95 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096227.D
Acq: 30 Apr 2018 18:21

Tgt Ion:164 Resp: 1810
Ion Ratio Lower Upper
164 100
162 106.4 83.1 124.7
160 48.5 37.1 55.7

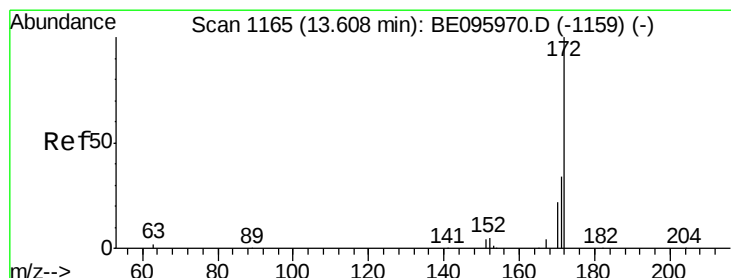
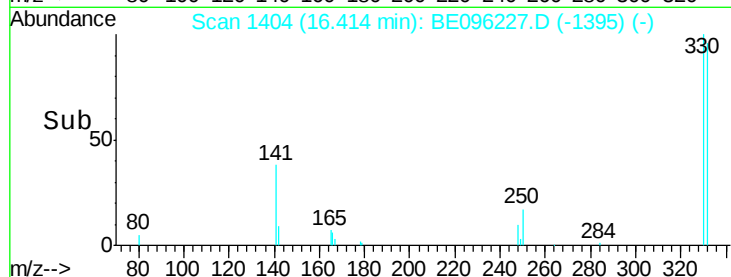
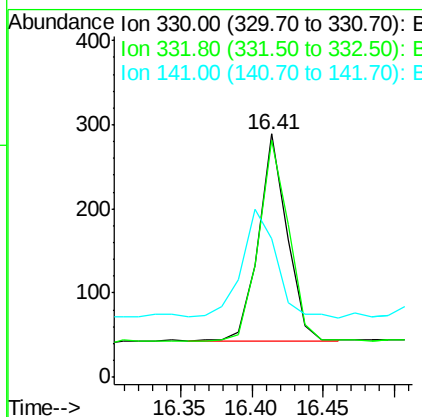
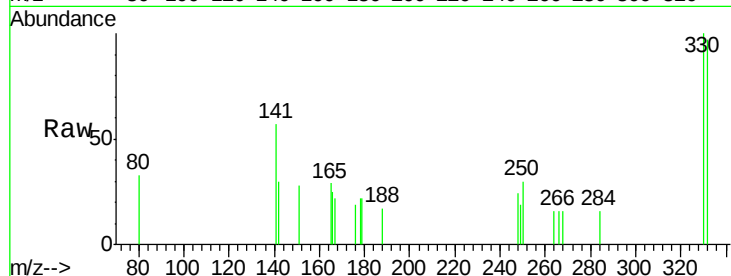




#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096227.D
 Acq: 30 Apr 2018 18:21

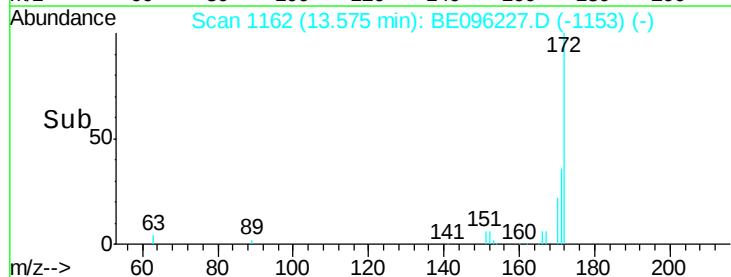
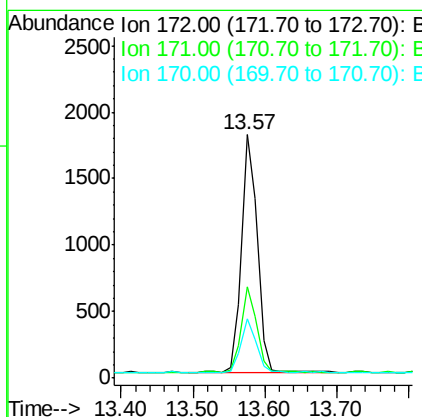
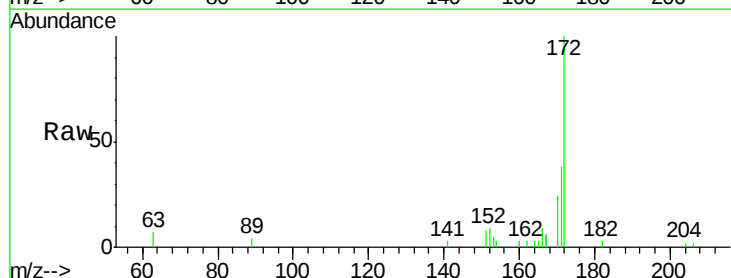
Instrument :
 BNA_E
 ClientSampleId :
 LF017MW005-180417

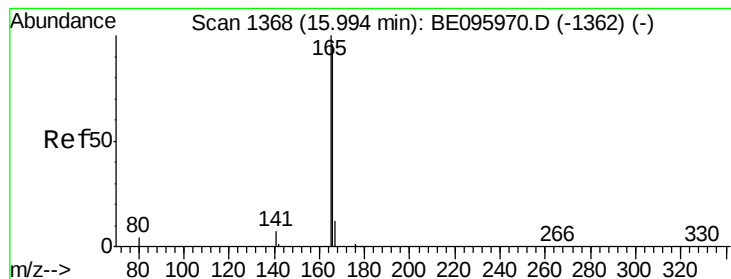
Tgt Ion: 330 Resp: 341
 Ion Ratio Lower Upper
 330 100
 332 102.1 152.7 229.1#
 141 64.5 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096227.D
 Acq: 30 Apr 2018 18:21

Tgt Ion: 172 Resp: 2717
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.9 44.9
 170 24.5 21.8 32.8





#18

Fluorene

Concen: 0.028 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

LF017MW005-180417

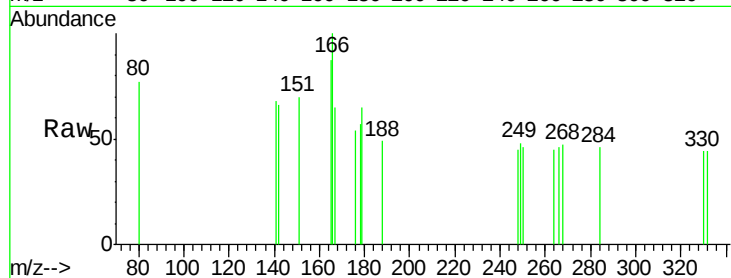
Tgt Ion:166 Resp: 200

Ion Ratio Lower Upper

166 100

165 25.5 77.8 116.6#

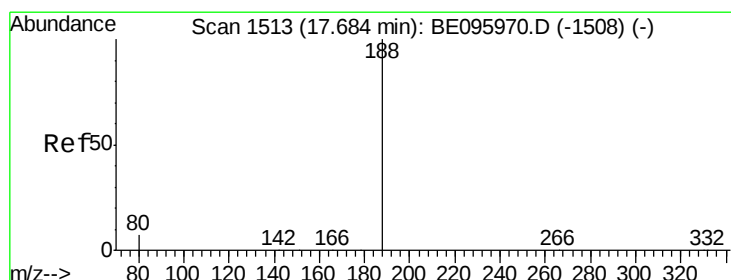
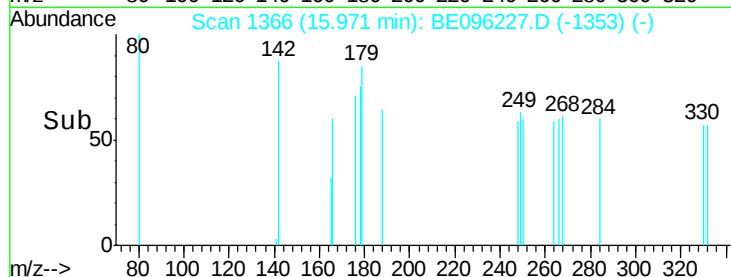
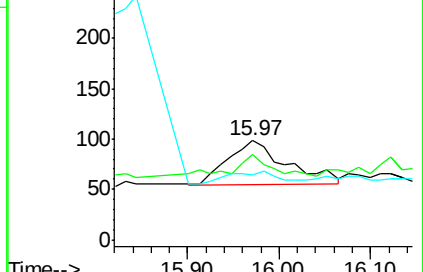
167 20.5 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

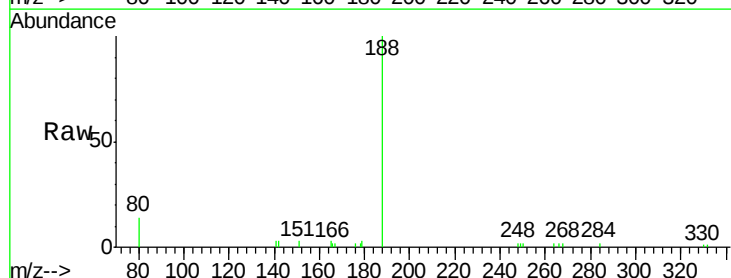
Tgt Ion:188 Resp: 4111

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

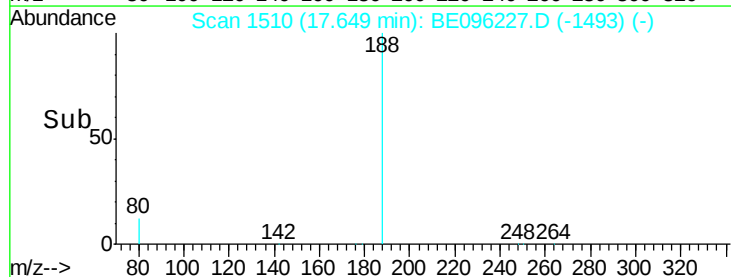
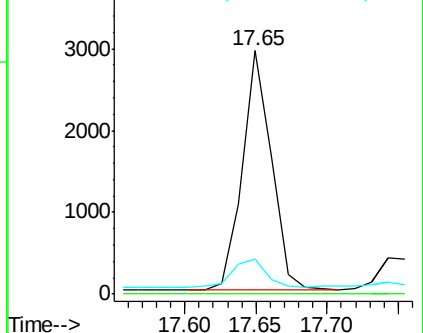
80 14.5 3.6 5.4#

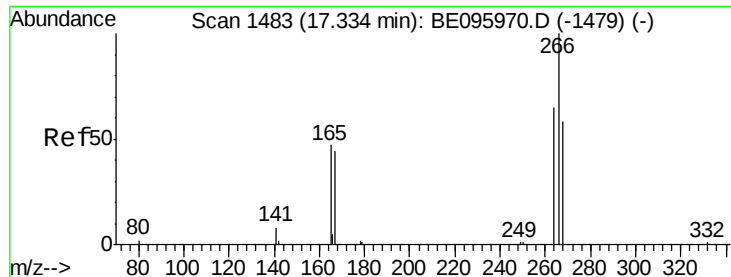


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.144 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

Instrument :

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ClientSampleId :

LF017MW005-180417

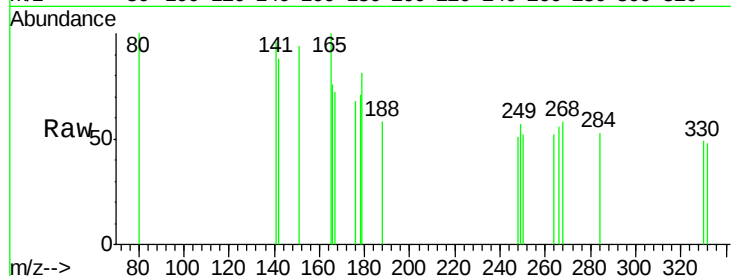
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 94.0 72.5 108.7

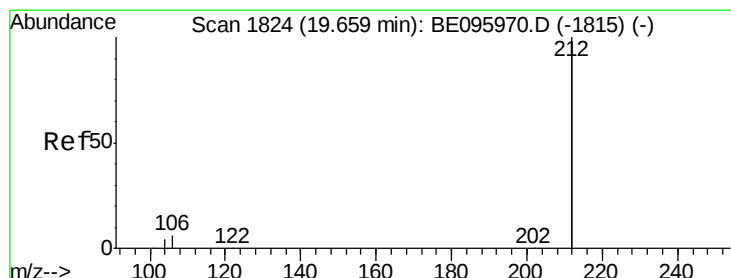
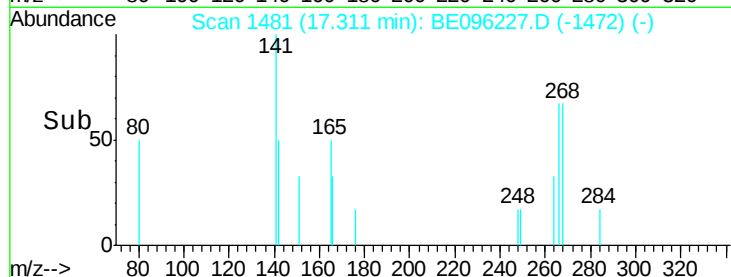
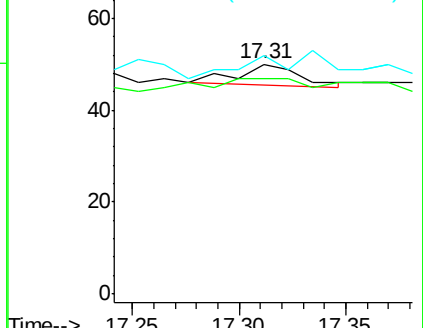
268 104.0 73.8 110.6



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: 0.363 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

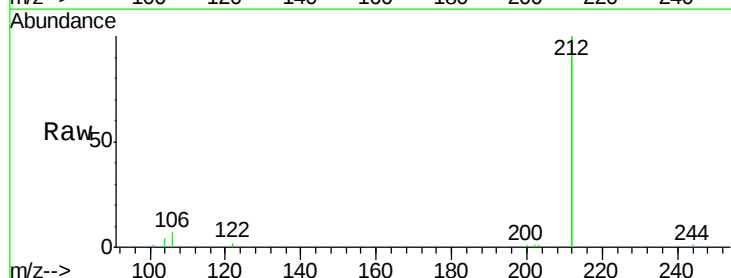
Tgt Ion:212 Resp: 20279

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

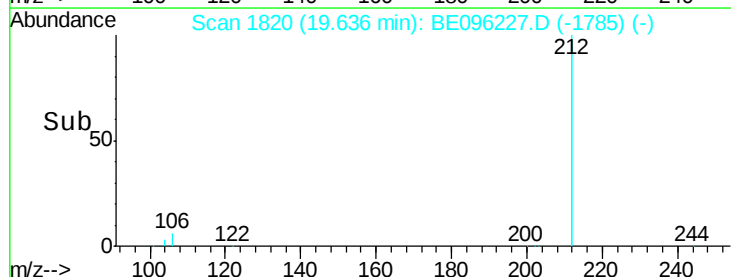
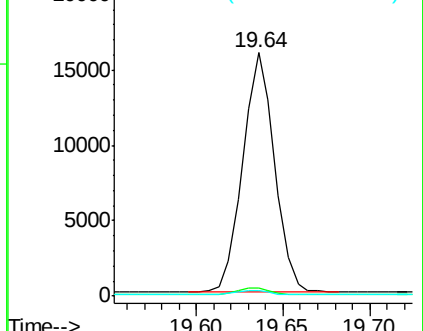
104 1.9 1.6 2.4

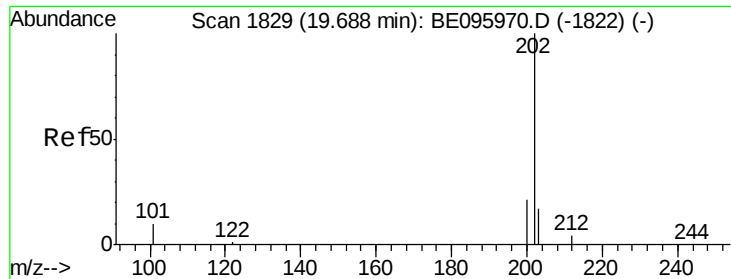


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

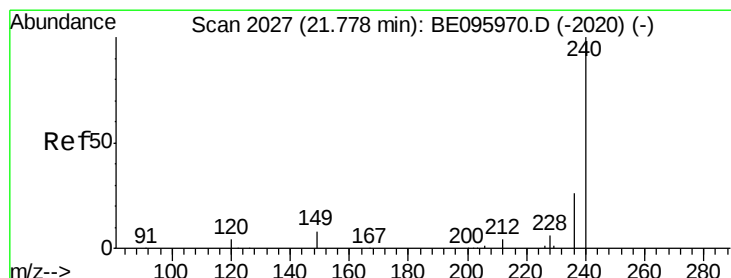
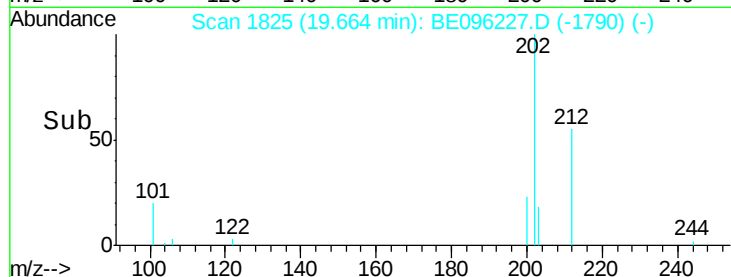
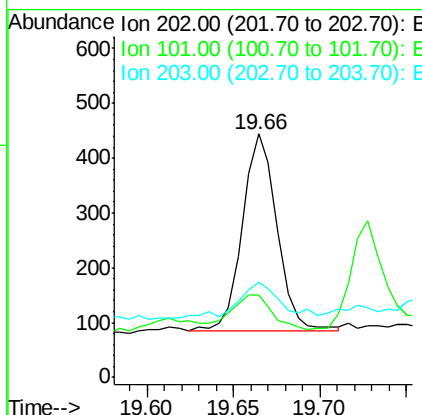
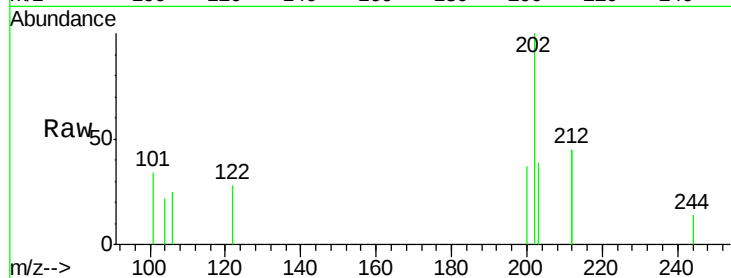




#26
 Fluoranthene
 Concen: 0.033 ng
 RT: 19.66 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BE096227.D
 Acq: 30 Apr 2018 18:21

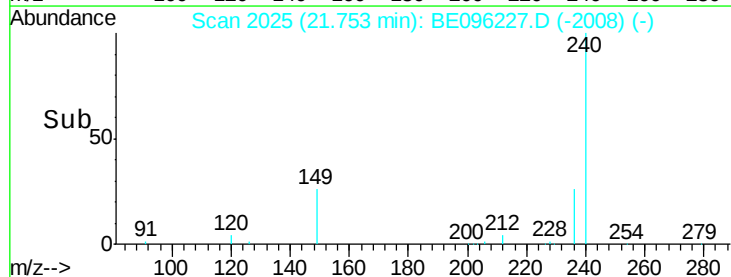
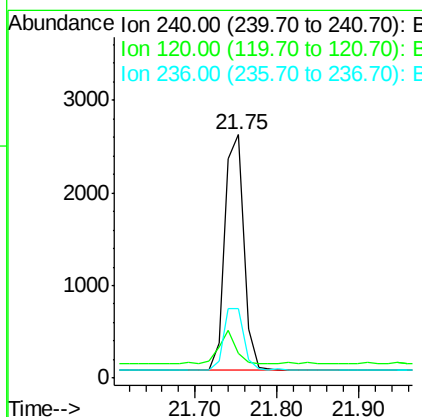
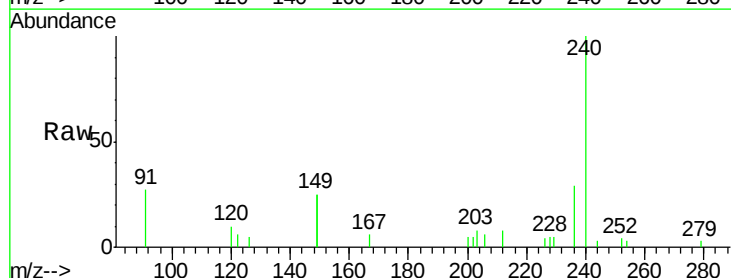
Instrument :
 BNA_E
 ClientSampleId :
 LF017MW005-180417

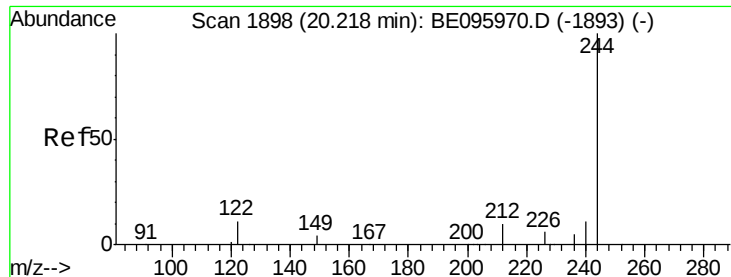
Tgt Ion: 202 Resp: 500
 Ion Ratio Lower Upper
 202 100
 101 21.6 9.8 14.8#
 203 25.2 13.7 20.5#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.75 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BE096227.D
 Acq: 30 Apr 2018 18:21

Tgt Ion: 240 Resp: 4153
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.5 8.3#
 236 28.6 20.7 31.1





#29

Terphenyl-d14

Concen: 0.351 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

LF017MW005-180417

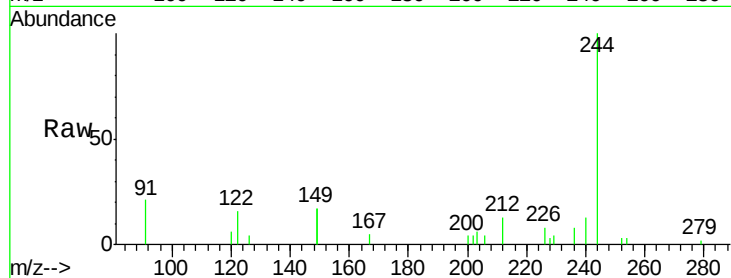
Tgt Ion:244 Resp: 3220

Ion Ratio Lower Upper

244 100

212 13.3 25.4 38.0#

122 16.4 8.1 12.1#

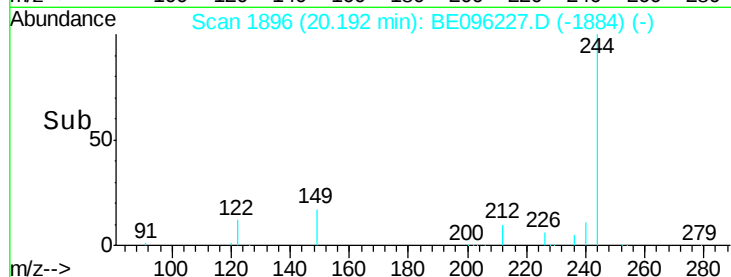


Abundance Ion 244.00 (243.70 to 244.70): E

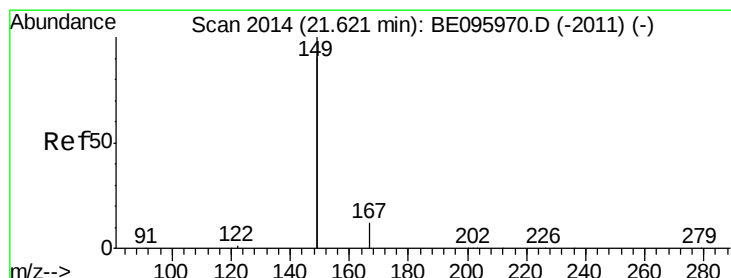
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

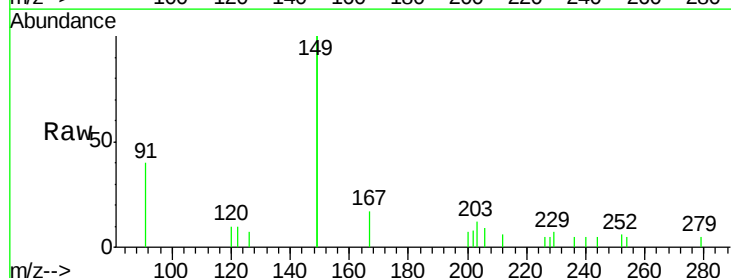
Tgt Ion:149 Resp: 2787

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

279 1.1 0.7 1.1#

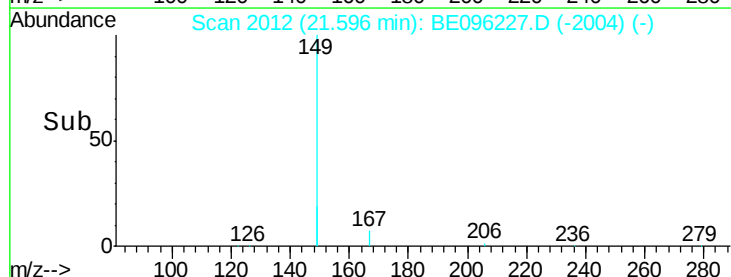


Abundance Ion 149.00 (148.70 to 149.70): E

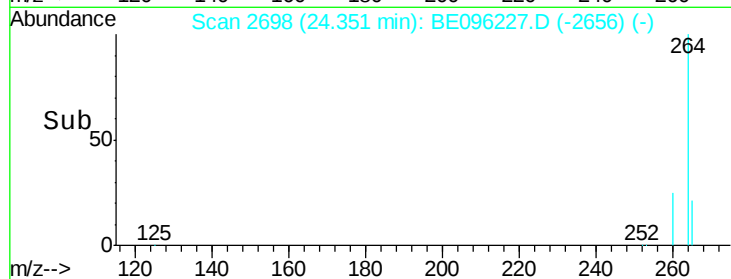
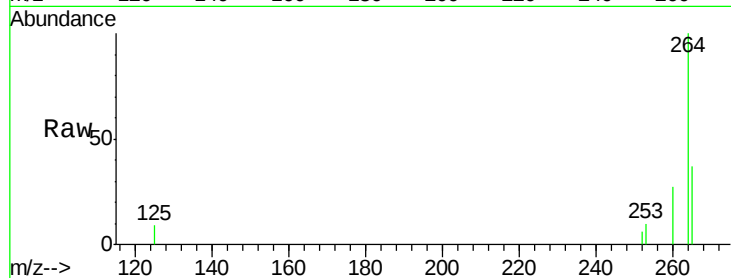
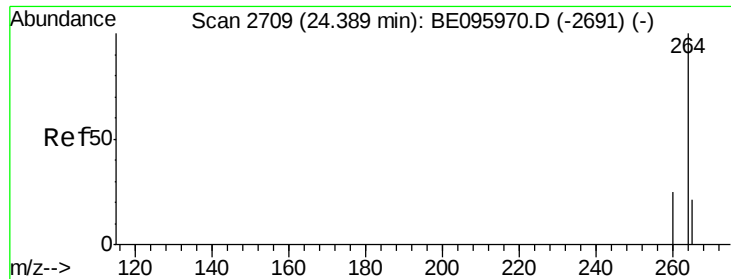
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096227.D

Acq: 30 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

LF017MW005-180417

Tgt Ion:264 Resp: 3910

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

265 36.7 22.8 34.2#

