

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096216.D
 Acq On : 30 Apr 2018 11:47
 Operator : SJ/JU
 Sample : J2459-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 30 14:28:46 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

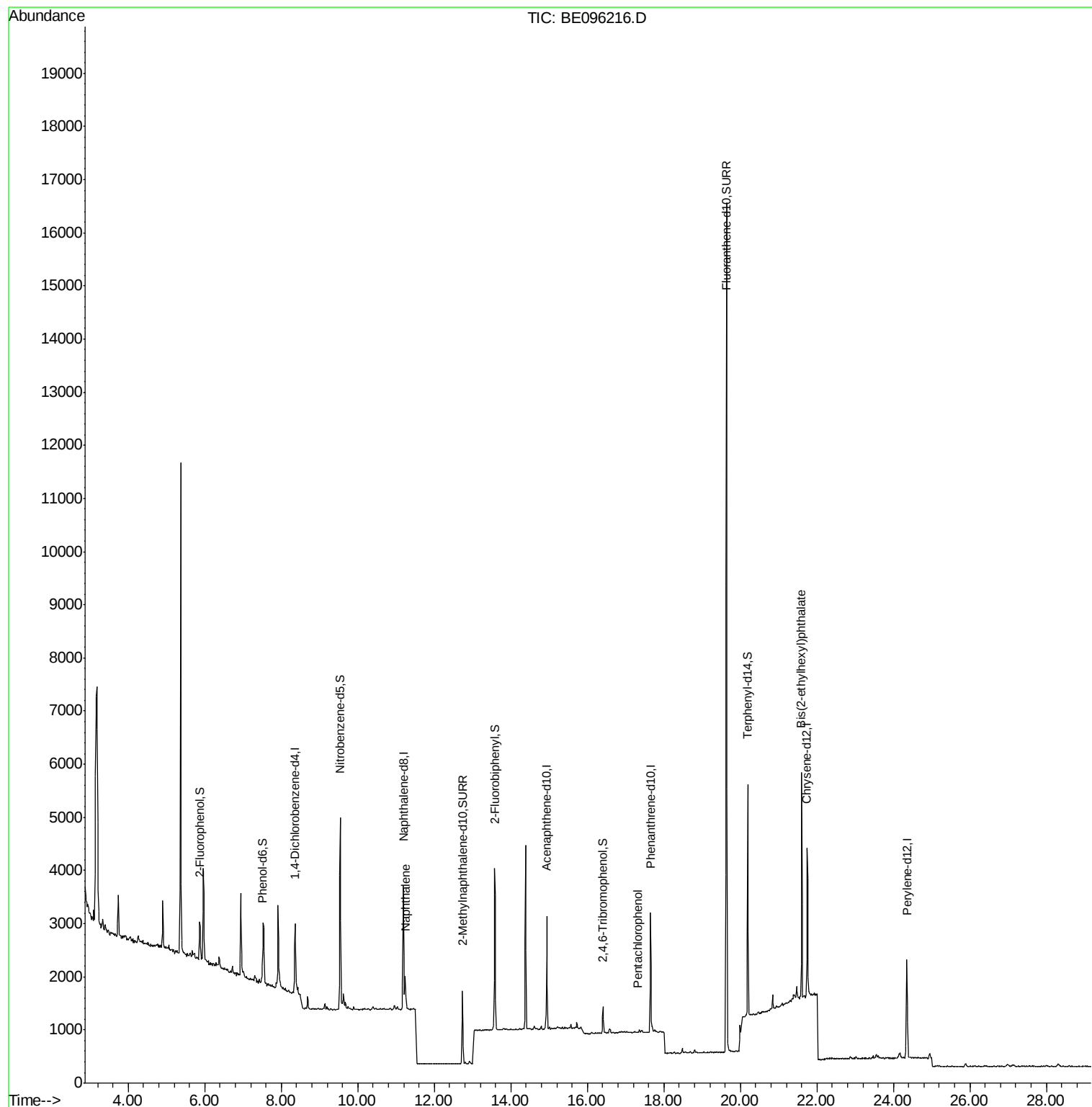
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	623	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2255	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1206	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	2859	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3075	0.40	ng	0.00
34) Perylene-d12	24.35	264	2807	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	380	0.20	ng	0.01
5) Phenol-d6	7.51	99	317	0.12	ng	0.00
8) Nitrobenzene-d5	9.54	82	1406	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1818	0.51	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	272	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2842	0.55	ng	0.00
25) Fluoranthene-d10	19.64	212	20284	0.52	ng	0.00
29) Terphenyl-d14	20.19	244	3751	0.55	ng	0.00
Target Compounds						
9) Naphthalene	11.24	128	1010	0.042	ng	Qvalue # 84
22) Pentachlorophenol	17.31	266	10	0.148	ng	93
32) Bis(2-ethylhexyl)phthalate	21.60	149	4628	0.182	ng	99

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

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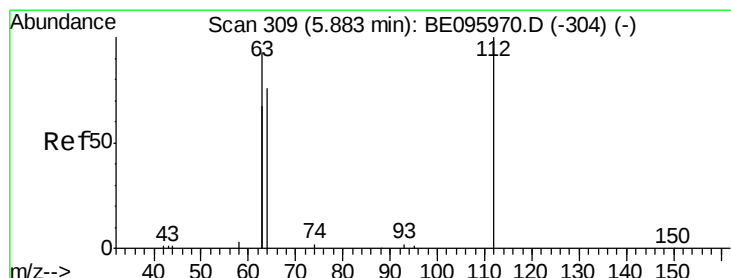
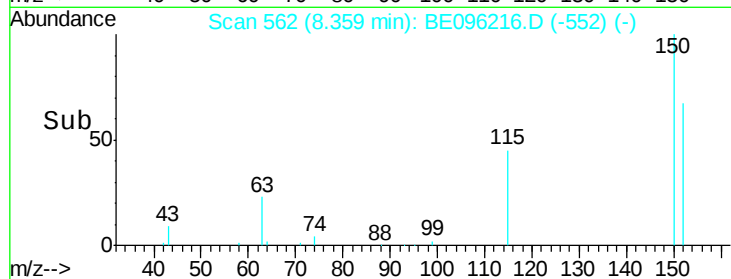
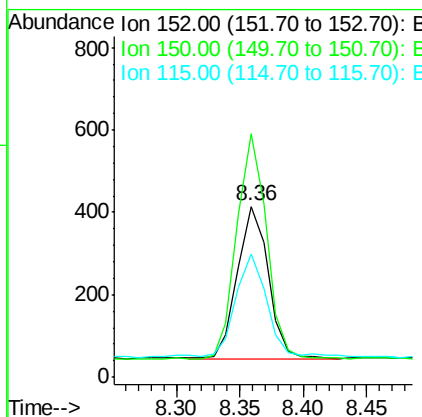
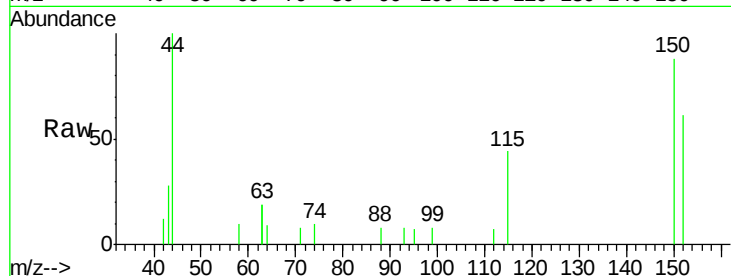


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096216.D
 Acq: 30 Apr 2018 11:47

Instrument :
 BNA_E
 ClientSampleId :

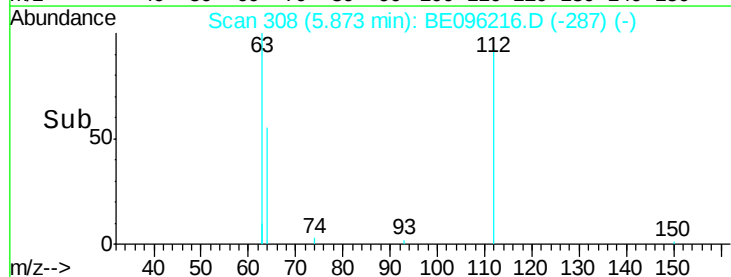
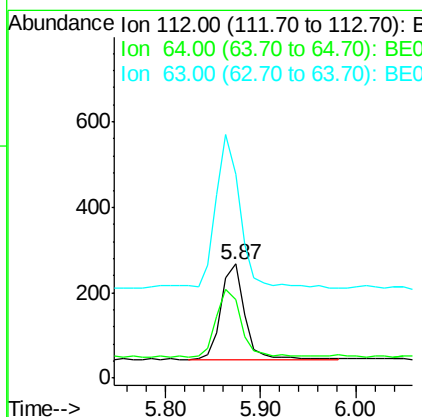
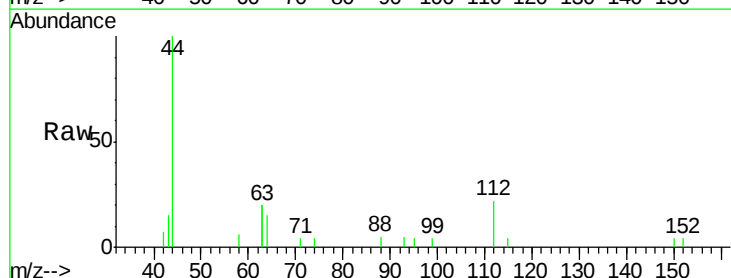
Tot Ion:152 Resp: 623
 Ion Ratio Lower Upper
 152 100
 150 142.8 117.2 175.8
 115 72.0 57.0 85.6



#4

2-Fluorophenol
 Concen: 0.197 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096216.D
 Acq: 30 Apr 2018 11:47

Tgt Ion:112 Resp: 380
 Ion Ratio Lower Upper
 112 100
 64 76.1 60.1 90.1
 63 169.2 116.8 175.2





#5

Phenol-d6

Concen: 0.119 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

Instrument :

BNA_E

ClientSampleId :

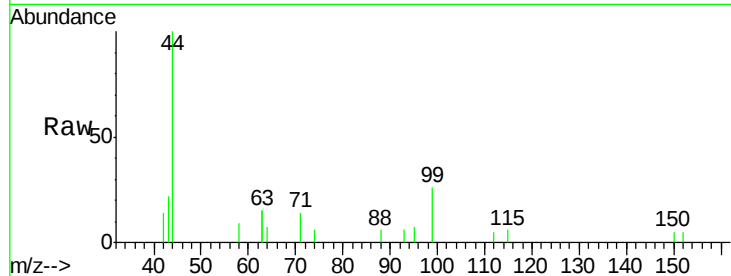
Tot Ion: 99 Resp: 317

Ion Ratio Lower Upper

99 100

42 43.5 20.2 30.2#

71 43.8 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

7.51

250

200

150

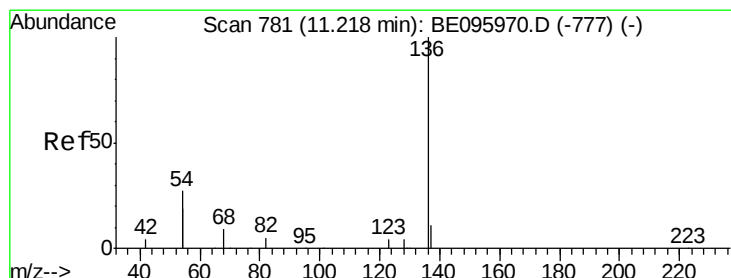
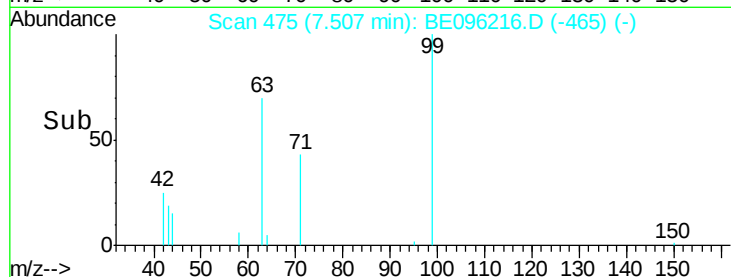
100

50

0

7.40 7.45 7.50 7.55 7.60

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

Tgt Ion: 136 Resp: 2255

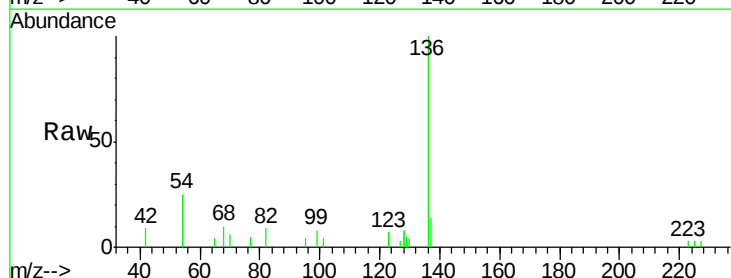
Ion Ratio Lower Upper

136 100

137 13.8 9.5 14.3

54 49.0 29.1 43.7#

68 9.9 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

11.19

2000

1500

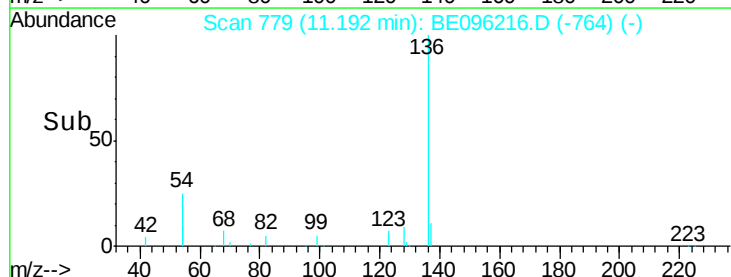
1000

500

0

11.10 11.20 11.30 11.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.532 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096216.D

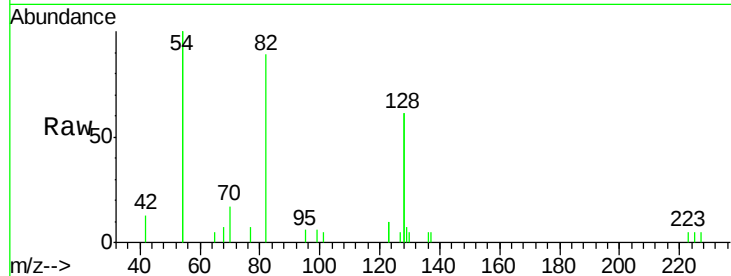
Acq: 30 Apr 2018 11:47

Instrument :

BNA_E

ClientSampled :

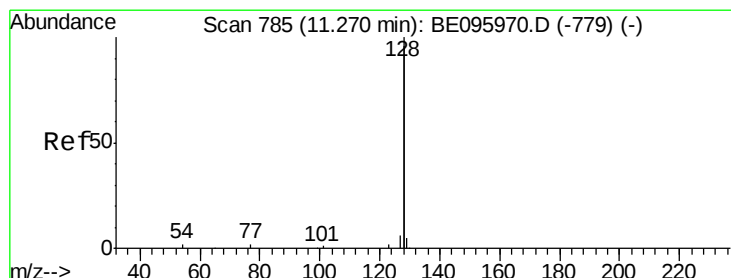
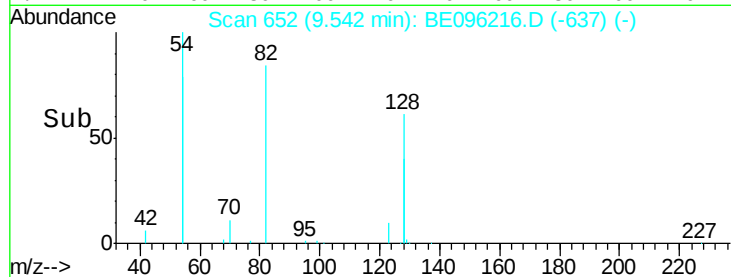
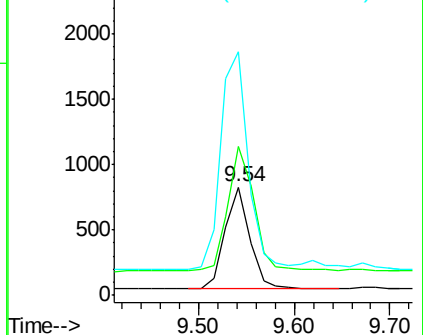
Tot Ion:	82	Resp:	1406
Ion	Ratio	Lower	Upper
82	100		
128	136.9	150.0	225.0#
54	224.3	154.2	231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#9

Naphthalene

Concen: 0.042 ng

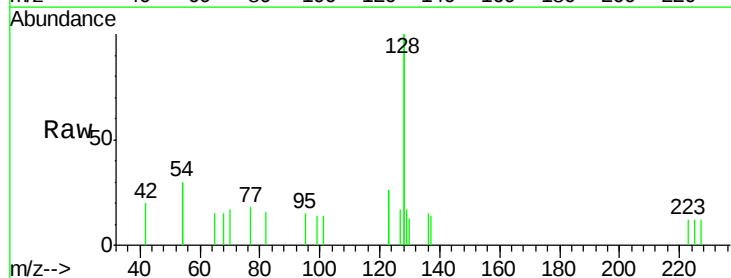
RT: 11.24 min Scan# 783

Delta R.T. -0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

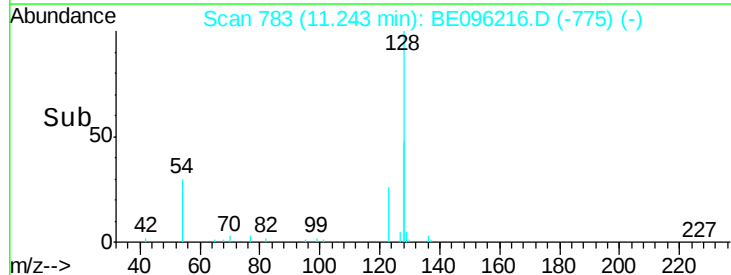
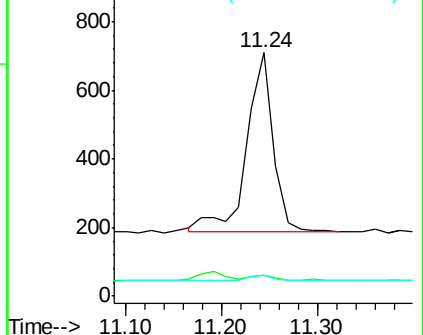
Tgt Ion:	128	Resp:	1010
Ion	Ratio	Lower	Upper
128	100		
129	8.7	2.6	3.8#
127	8.6	2.8	4.2#

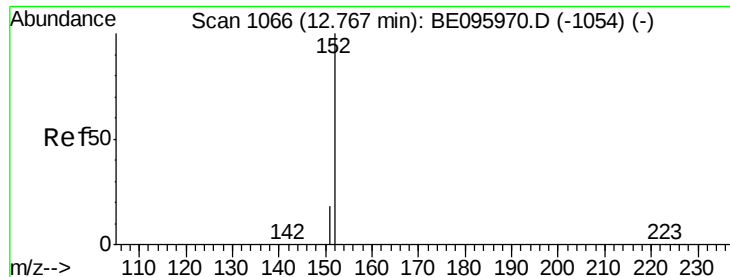


Abundance Ion 128.00 (127.70 to 128.70): BE095970.D (-779) (-)

Ion 129.00 (128.70 to 129.70): BE095970.D (-779) (-)

Ion 127.00 (126.70 to 127.70): BE095970.D (-779) (-)

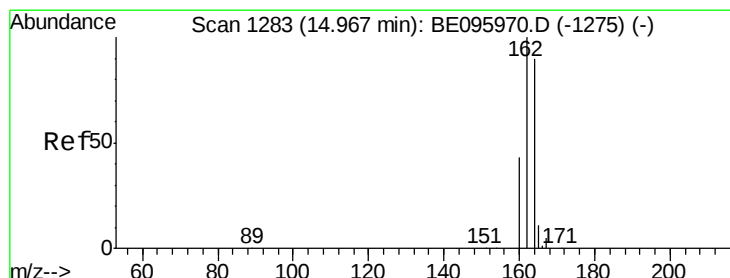
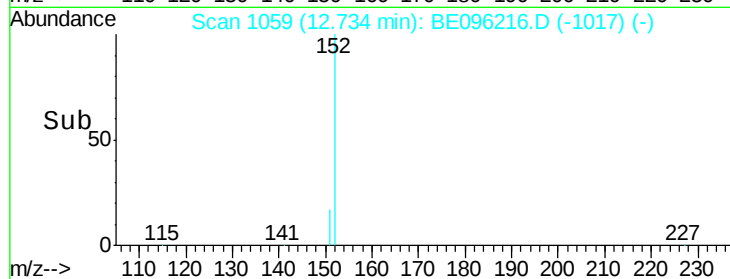
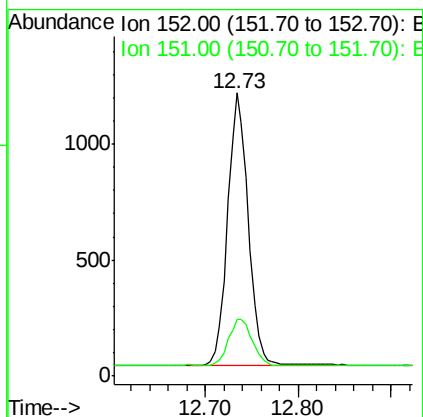
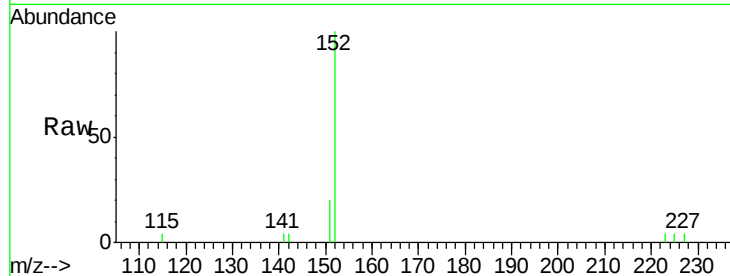




#11
 2-Methylnaphthalene-d10
 Concen: 0.509 ng
 RT: 12.73 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BE096216.D
 Acq: 30 Apr 2018 11:47

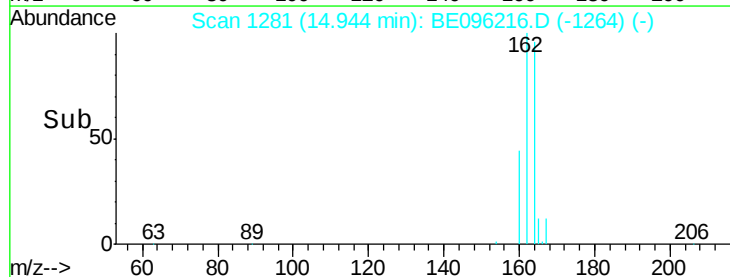
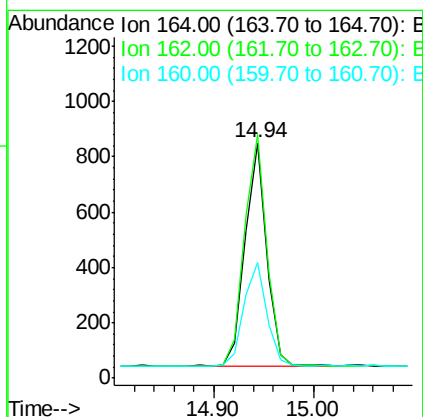
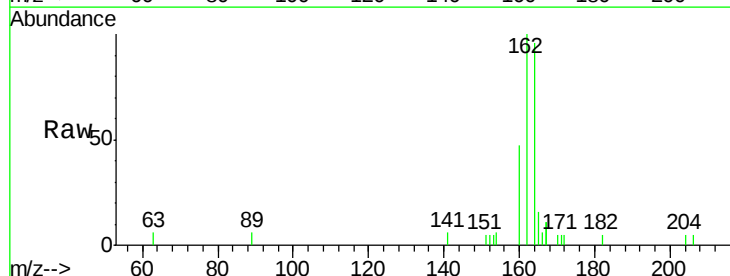
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 1818
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.94 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BE096216.D
 Acq: 30 Apr 2018 11:47

Tgt Ion:164 Resp: 1206
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.1 124.7
 160 49.0 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.467 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

Instrument :

BNA_E

ClientSampleId :

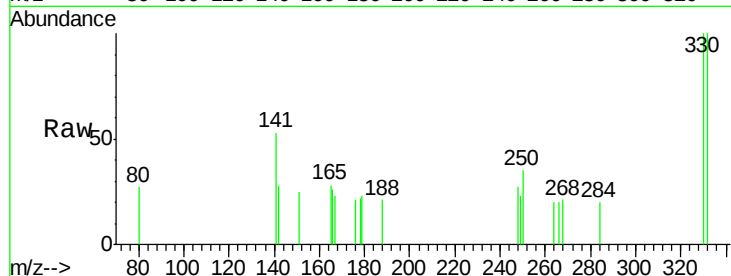
Tot Ion:330 Resp: 272

Ion Ratio Lower Upper

330 100

332 97.8 152.7 229.1#

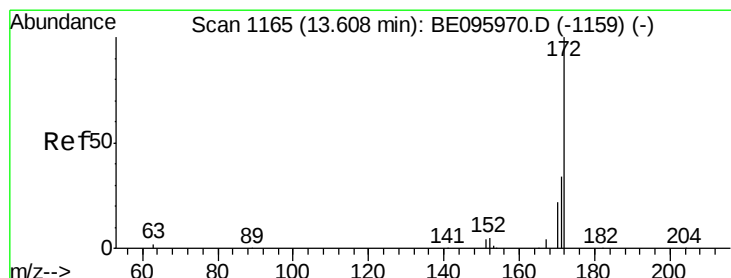
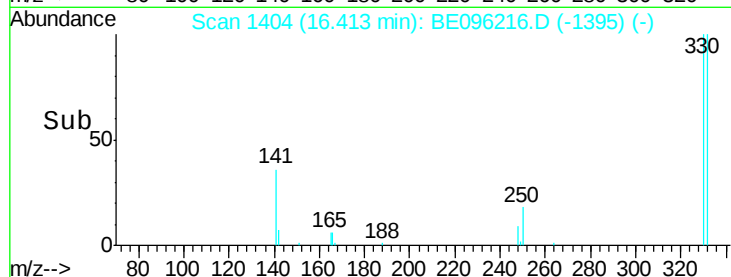
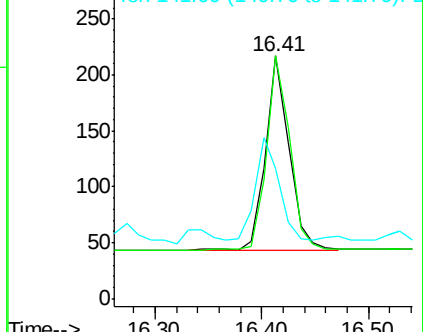
141 50.7 33.7 50.5#



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: 0.551 ng

RT: 13.57 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

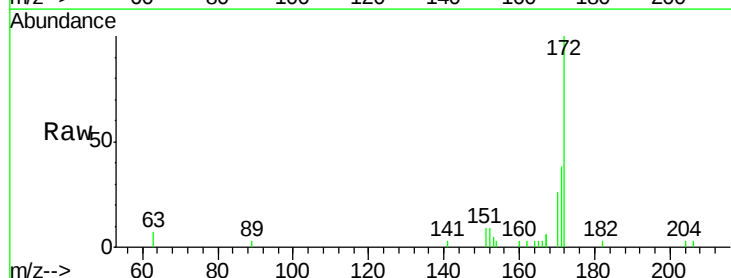
Tgt Ion:172 Resp: 2842

Ion Ratio Lower Upper

172 100

171 37.9 29.9 44.9

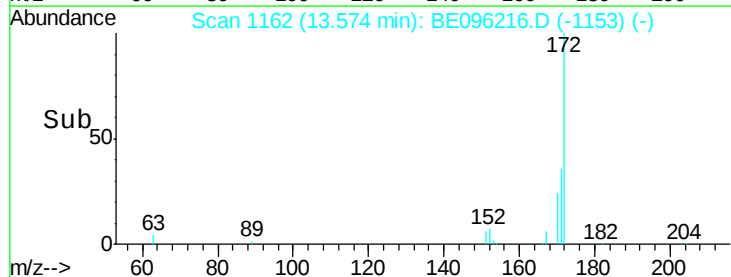
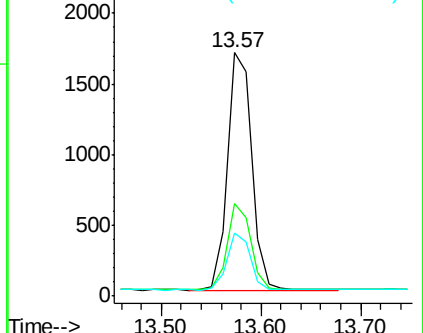
170 25.8 21.8 32.8



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: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

Instrument :

BNA_E

ClientSampleId :

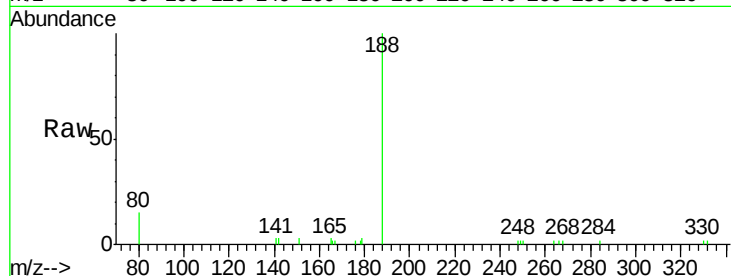
Tot Ion:188 Resp: 2859

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

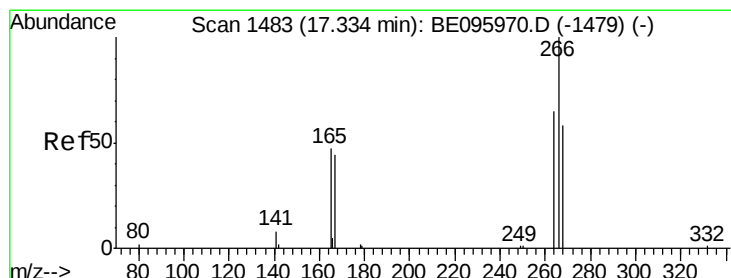
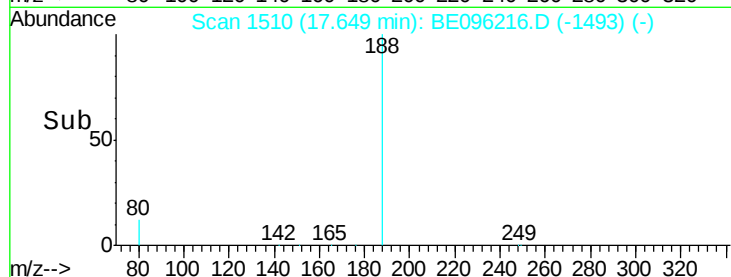
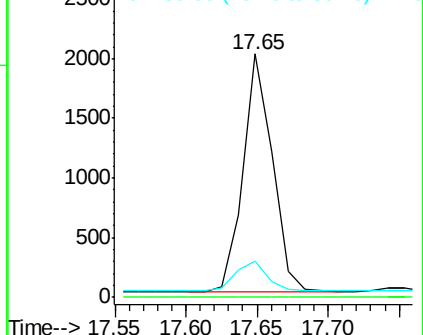
80 14.9 3.6 5.4#



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: 0.148 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

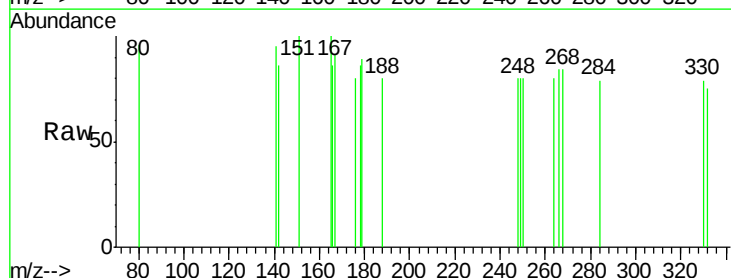
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

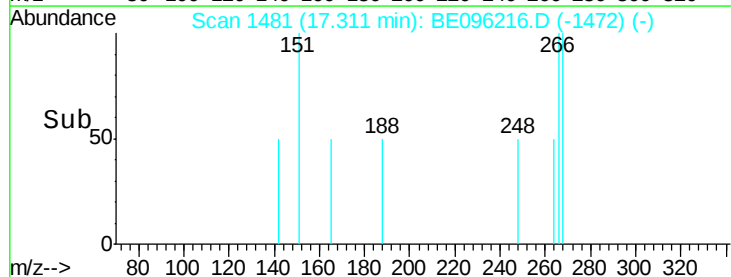
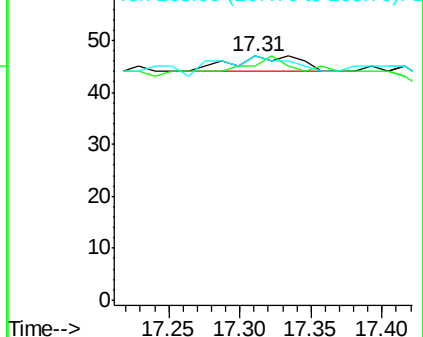
268 100.0 73.8 110.6

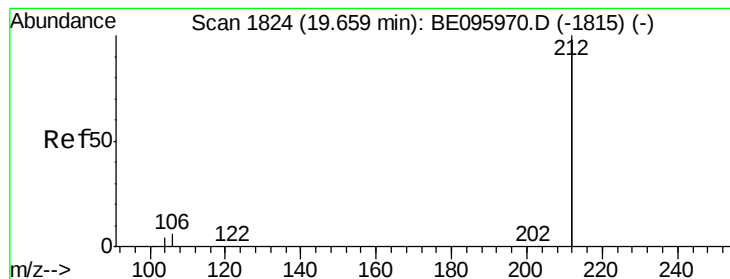


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.523 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

Instrument :

BNA_E

ClientSampleId :

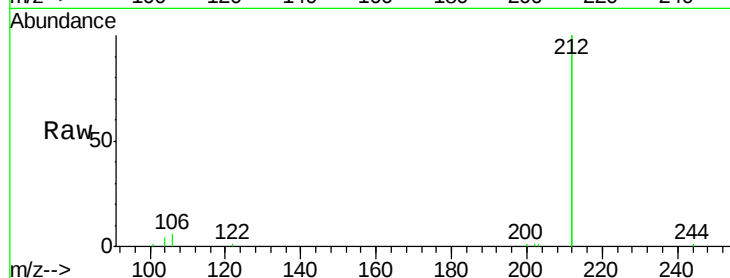
Tot Ion:212 Resp: 20284

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

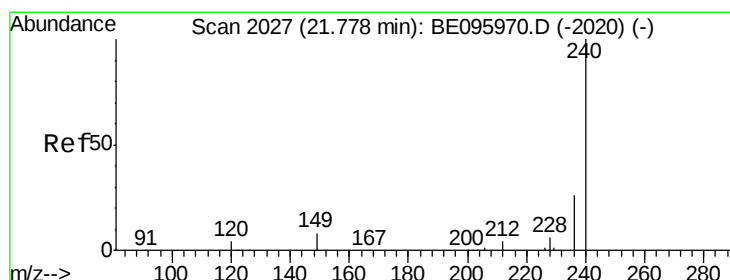
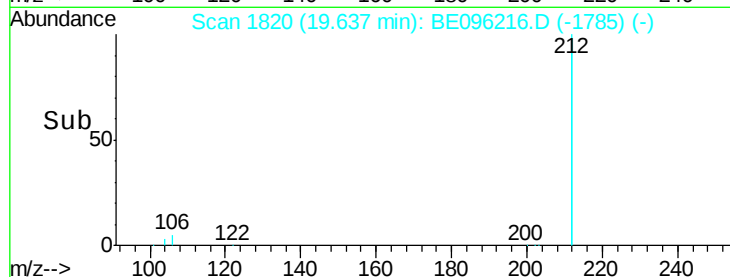
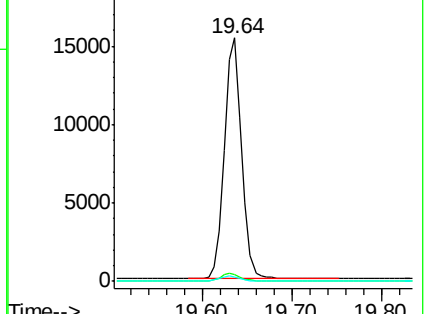
104 1.9 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

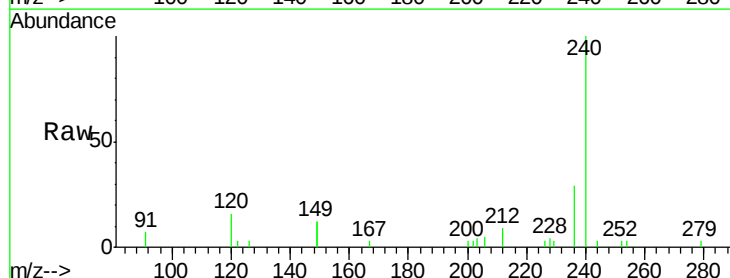
Tgt Ion:240 Resp: 3075

Ion Ratio Lower Upper

240 100

120 16.0 5.5 8.3#

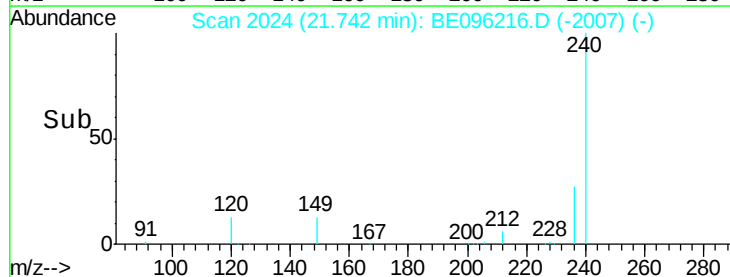
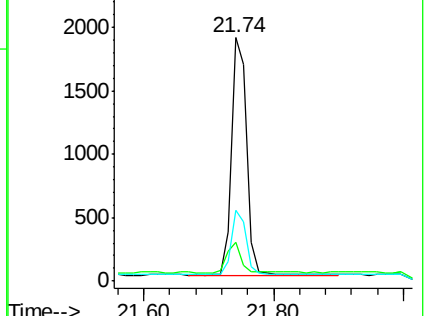
236 28.9 20.7 31.1

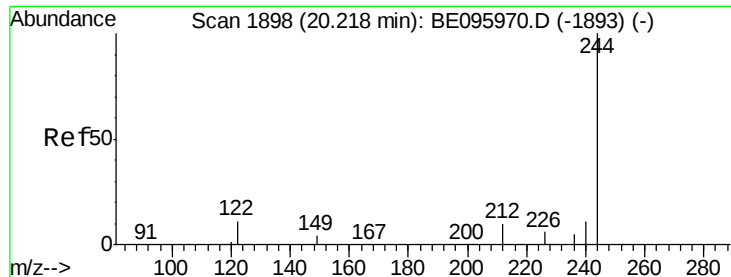


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.552 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

Instrument :

BNA_E

ClientSampleId :

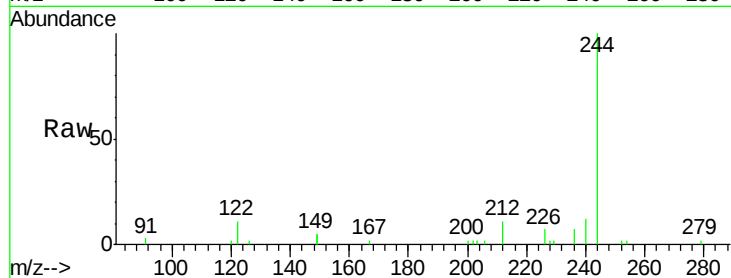
Tot Ion:244 Resp: 3751

Ion Ratio Lower Upper

244 100

212 11.1 25.4 38.0#

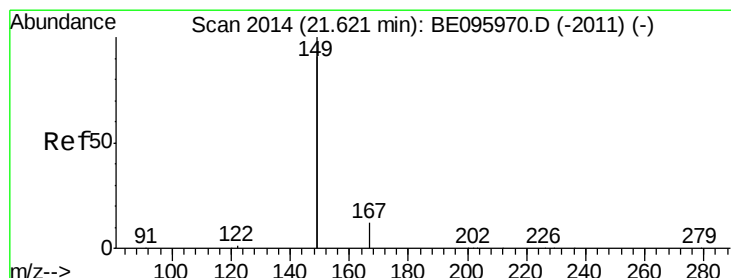
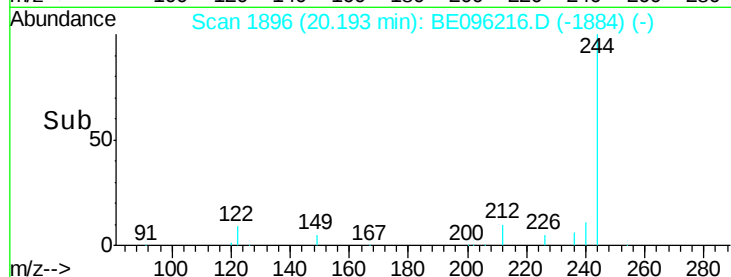
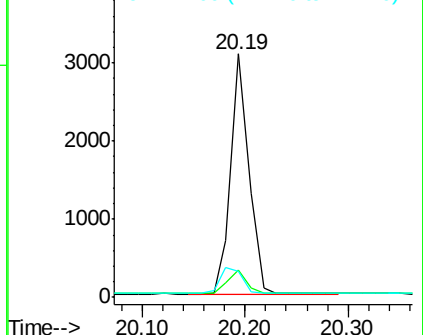
122 10.6 8.1 12.1



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: 0.182 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096216.D

Acq: 30 Apr 2018 11:47

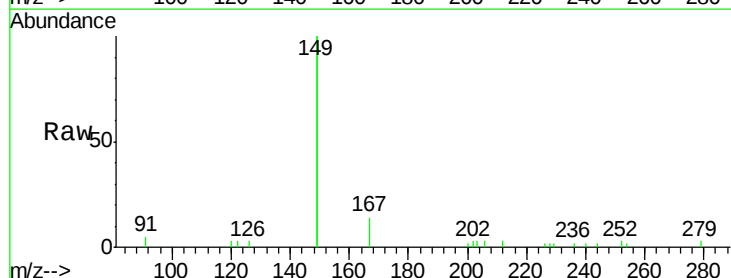
Tgt Ion:149 Resp: 4628

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

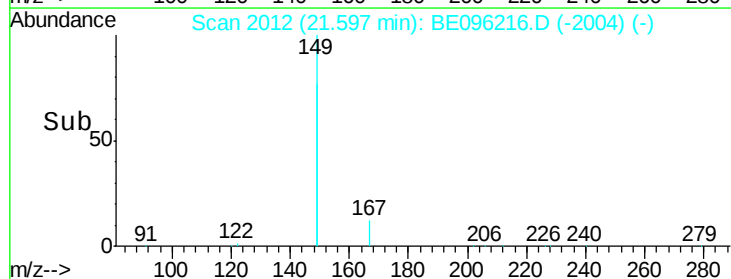
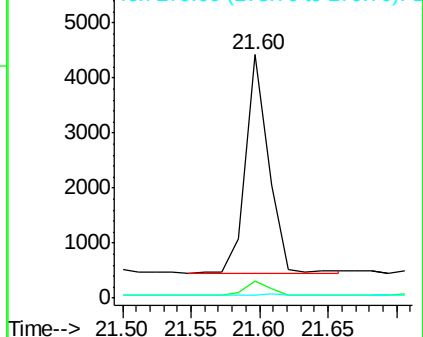
279 0.9 0.7 1.1

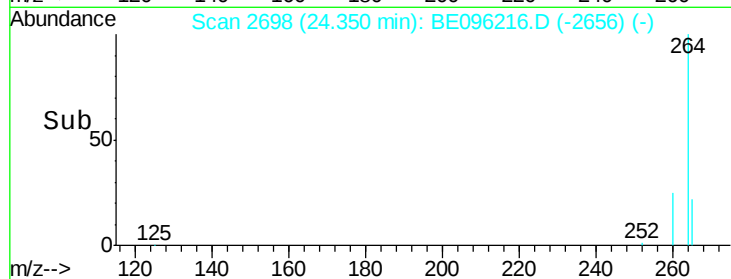
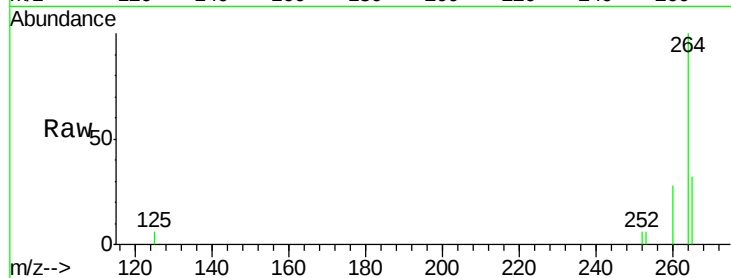


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BE096216.D
 Acq: 30 Apr 2018 11:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	2807
Ion Ratio	Lower	Upper	
264	100		
260	28.0	20.5	30.7
265	31.7	22.8	34.2

