

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096294.D
 Acq On : 2 May 2018 14:41
 Operator : SJ/JU
 Sample : PB108755BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:49:53 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

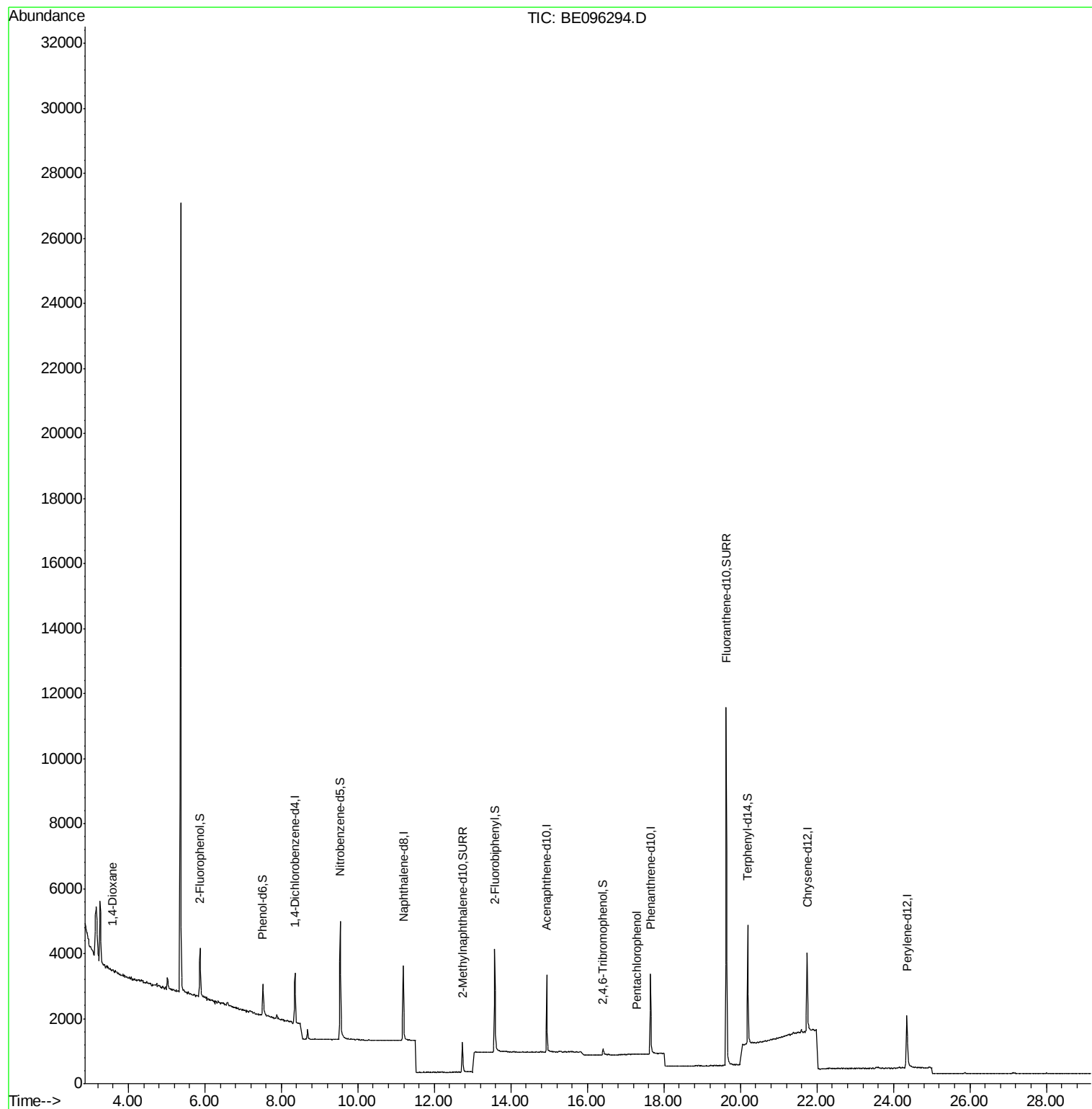
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	820	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2937	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1523	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	3631	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3363	0.40	ng	0.01
34) Perylene-d12	24.35	264	2943	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	804	0.32	ng	0.00
5) Phenol-d6	7.52	99	989	0.28	ng	0.00
8) Nitrobenzene-d5	9.54	82	1602	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1473	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	116	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3152	0.48	ng	0.00
25) Fluoranthene-d10	19.63	212	15342	0.31	ng	0.00
29) Terphenyl-d14	20.19	244	3588	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	29	0.023	ng	Qvalue # 31
22) Pentachlorophenol	17.30	266	2	0.138	ng	92

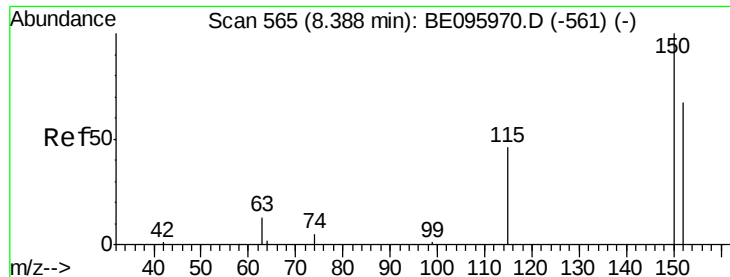
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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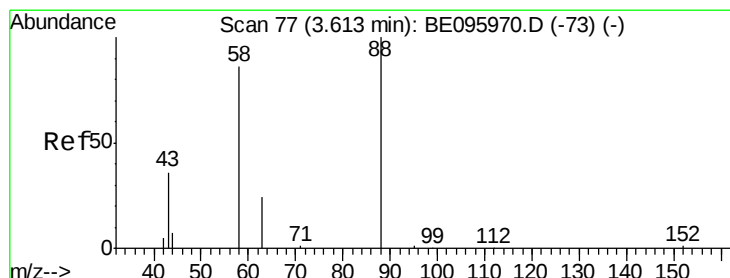
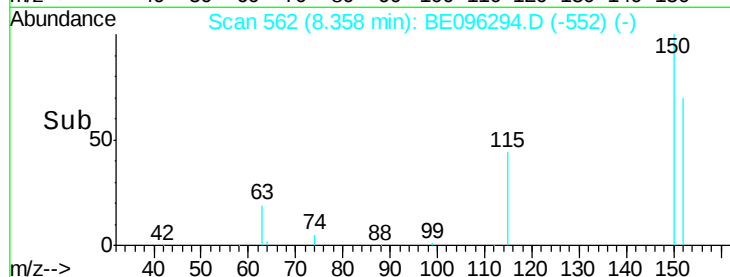
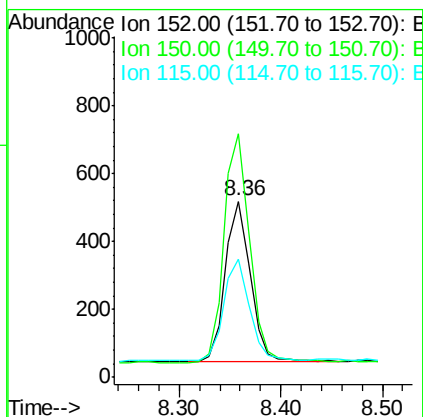
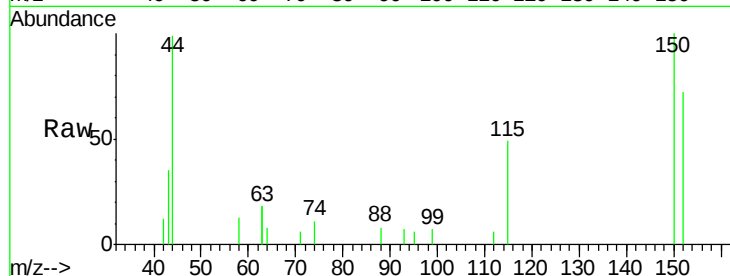


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096294.D
Acq: 2 May 2018 14:41

Instrument :
BNA_E
ClientSampleId :

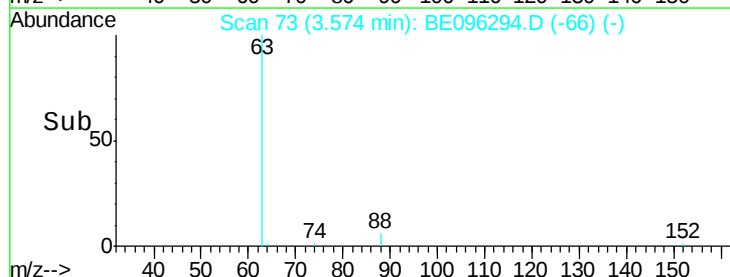
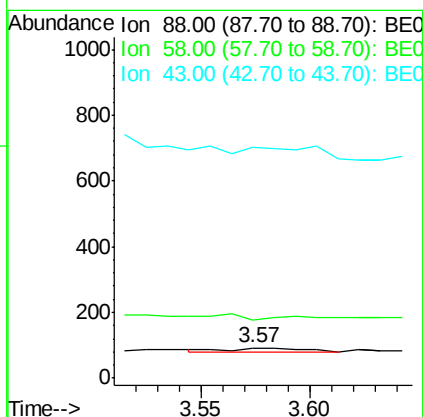
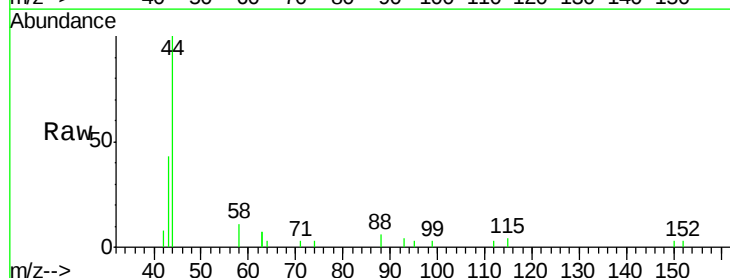
Tot Ion:152 Resp: 820
Ion Ratio Lower Upper
152 100
150 138.2 117.2 175.8
115 67.1 57.0 85.6

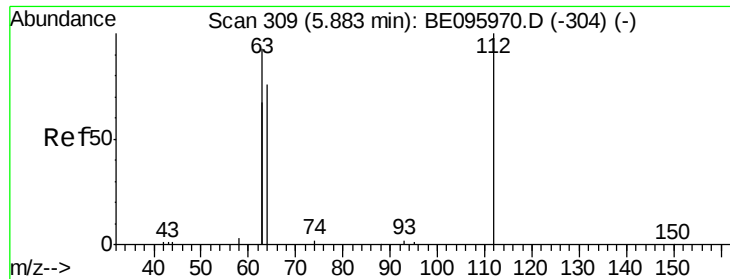


#2

1,4-Dioxane
Concen: 0.023 ng
RT: 3.57 min Scan# 73
Delta R.T. -0.03 min
Lab File: BE096294.D
Acq: 2 May 2018 14:41

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
58 20.7 63.2 94.8#
43 0.0 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.317 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

Instrument :

BNA_E

ClientSampled :

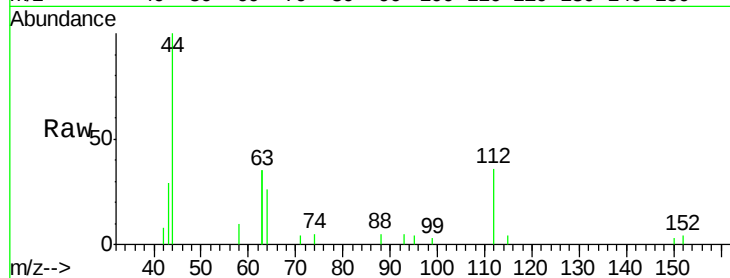
Tot Ion: 112 Resp: 804

Ion Ratio Lower Upper

112 100

64 69.4 60.1 90.1

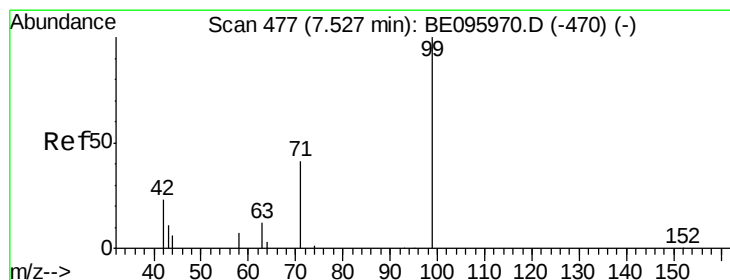
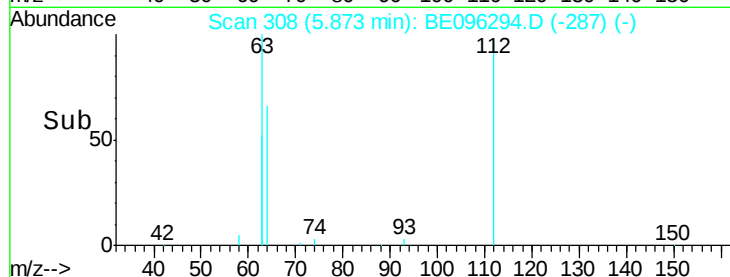
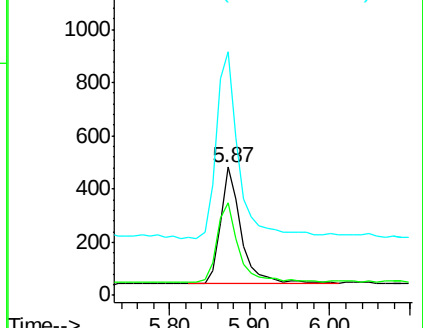
63 174.5 116.8 175.2



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



#5

Phenol-d6

Concen: 0.283 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

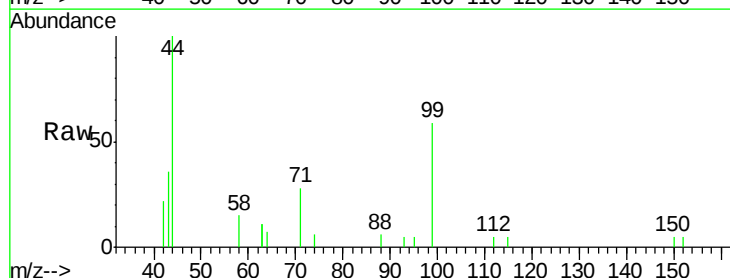
Tgt Ion: 99 Resp: 989

Ion Ratio Lower Upper

99 100

42 31.5 20.2 30.2#

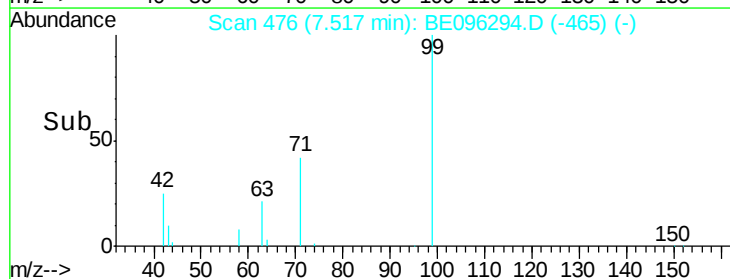
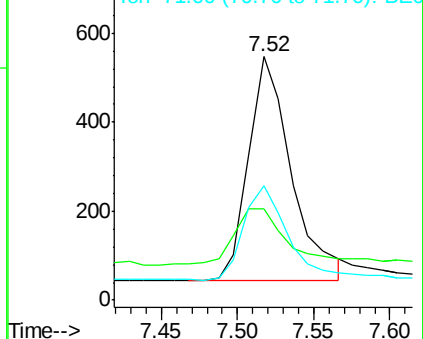
71 42.7 28.4 42.6#

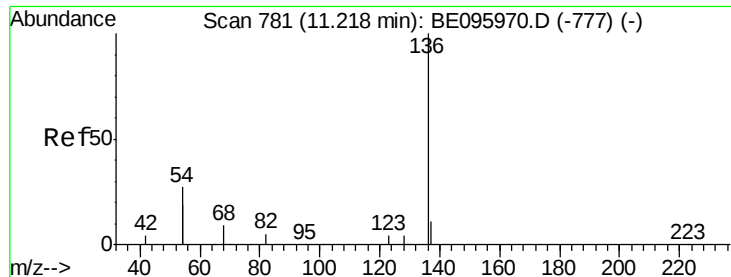


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096294.D

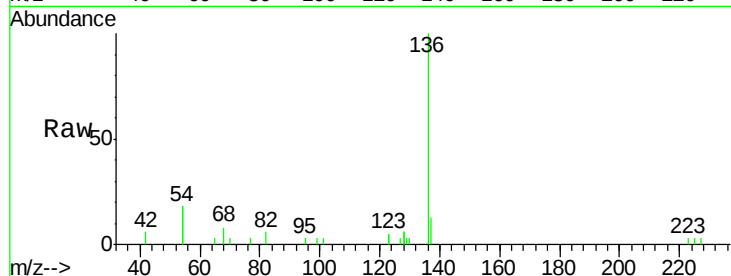
Acq: 2 May 2018 14:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	2937
Ion	Ratio	Lower Upper
136	100	
137	13.1	9.5 14.3
54	36.2	29.1 43.7
68	7.5	6.2 9.2

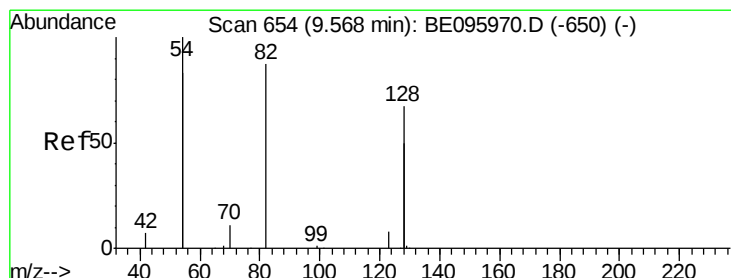
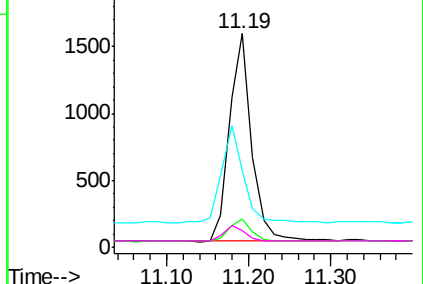
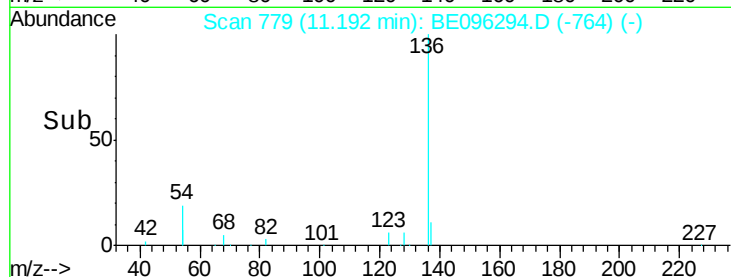


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.465 ng

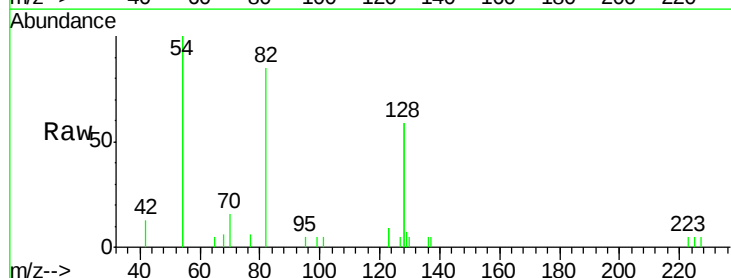
RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

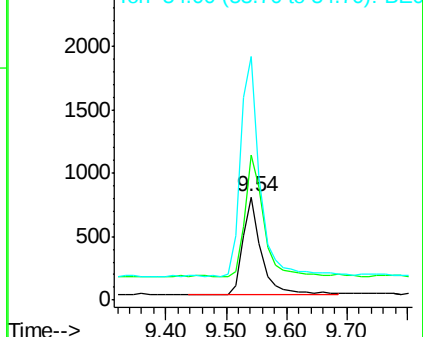
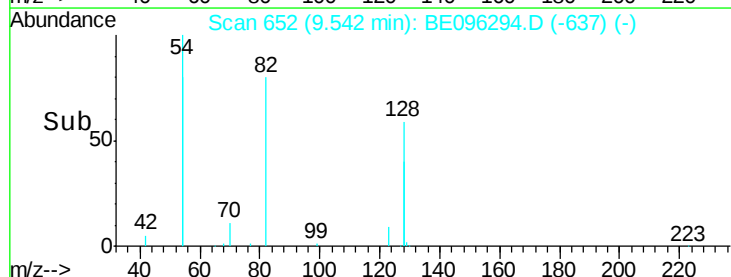
Tgt Ion: 82	Resp:	1602
Ion	Ratio	Lower Upper
82	100	
128	140.4	150.0 225.0#
54	236.2	154.2 231.4#

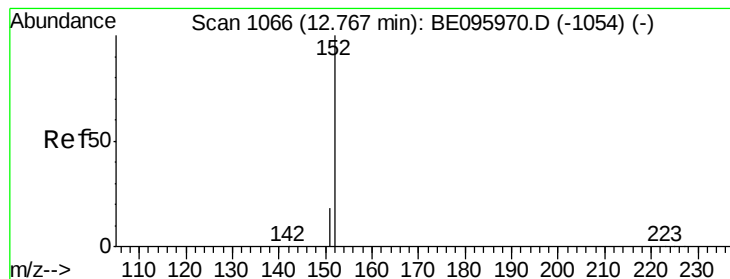


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.316 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

Instrument :

BNA_E

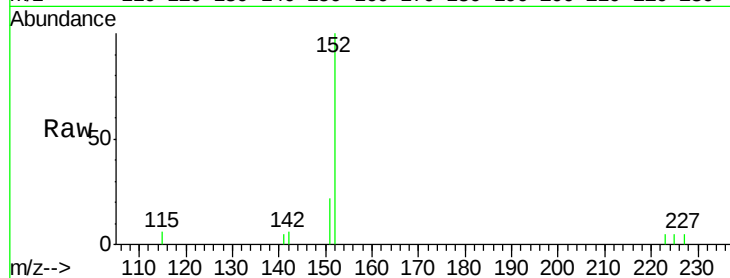
ClientSampleId :

Tot Ion:152 Resp: 1473

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.73

800

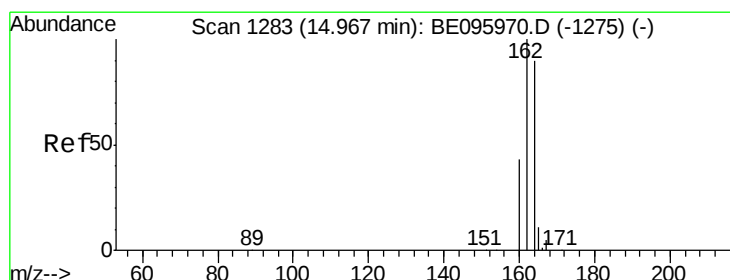
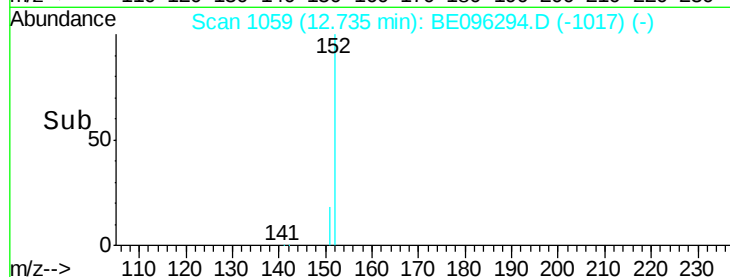
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.93 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

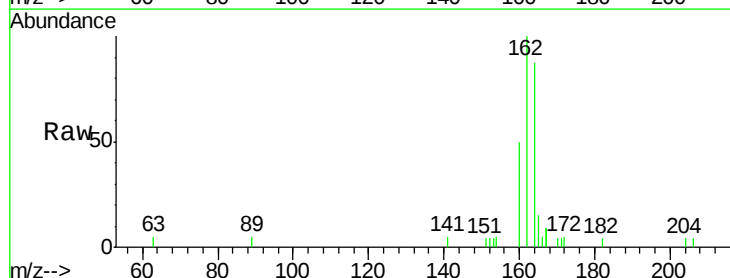
Tgt Ion:164 Resp: 1523

Ion Ratio Lower Upper

164 100

162 115.3 83.1 124.7

160 57.1 37.1 55.7#



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

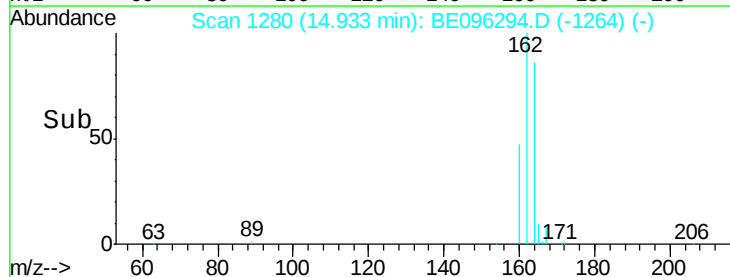
14.93

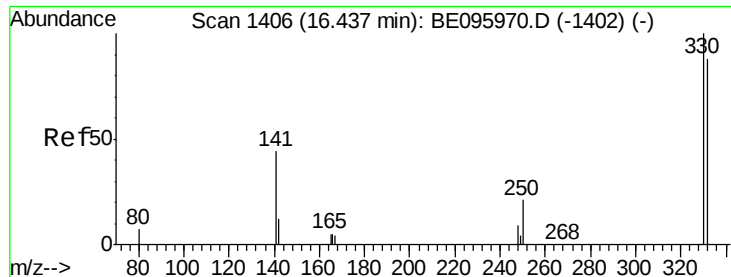
1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.158 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

Instrument :

BNA_E

ClientSampled :

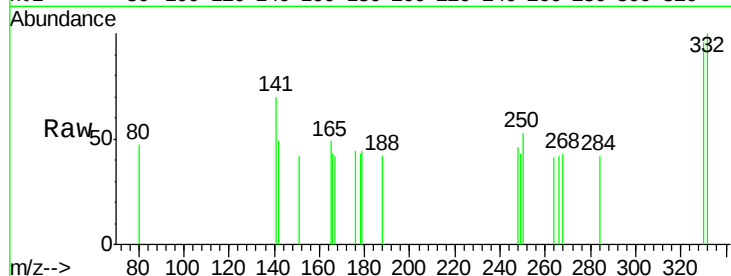
Tot Ion:330 Resp: 116

Ion Ratio Lower Upper

330 100

332 103.4 152.7 229.1#

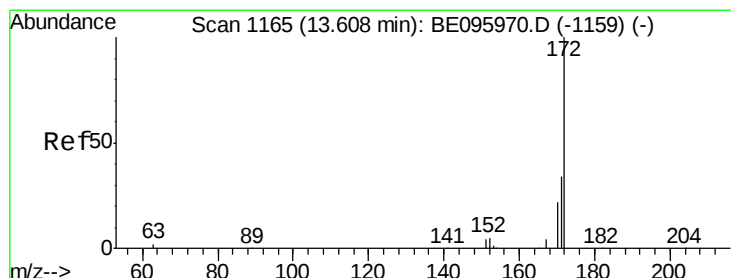
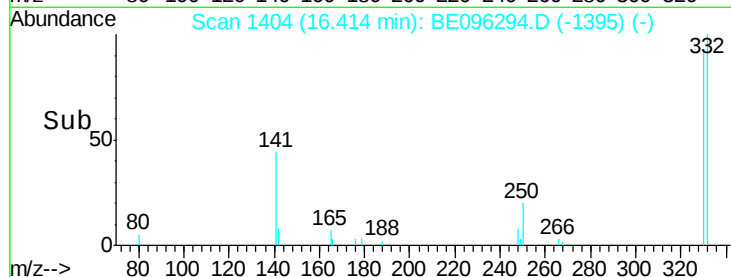
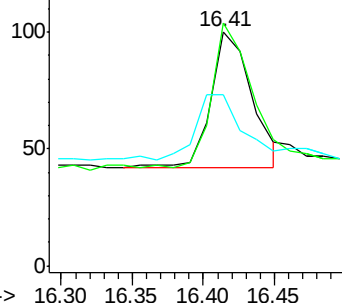
141 57.8 33.7 50.5#



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: 0.484 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

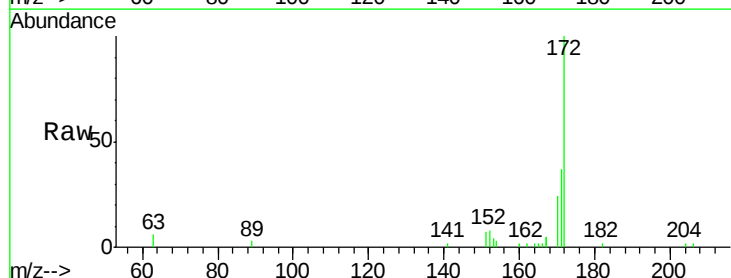
Tgt Ion:172 Resp: 3152

Ion Ratio Lower Upper

172 100

171 37.1 29.9 44.9

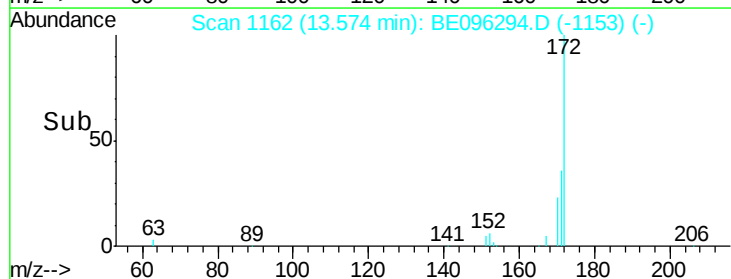
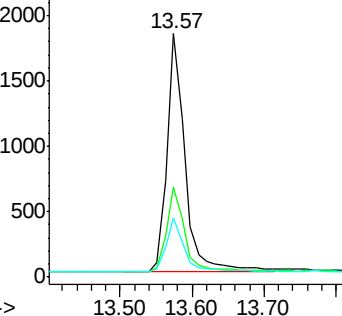
170 24.3 21.8 32.8

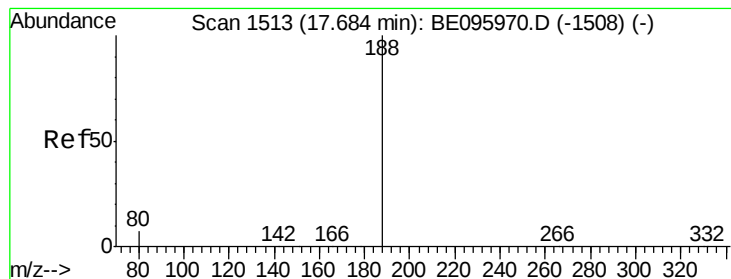


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

Instrument :

BNA_E

ClientSampleId :

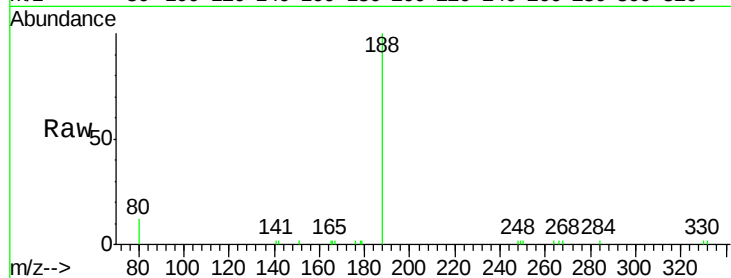
Tot Ion:188 Resp: 3631

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

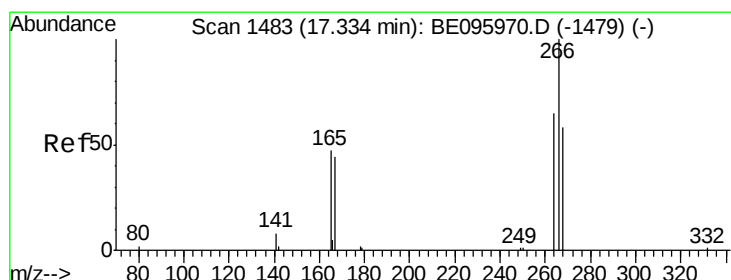
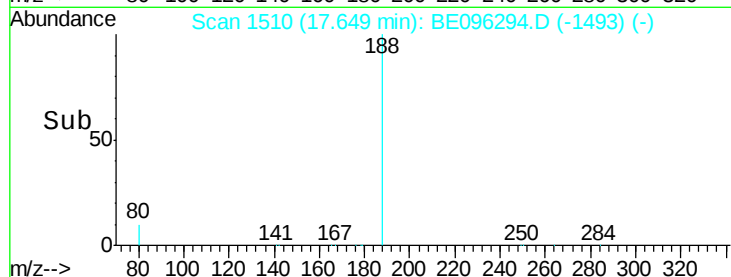
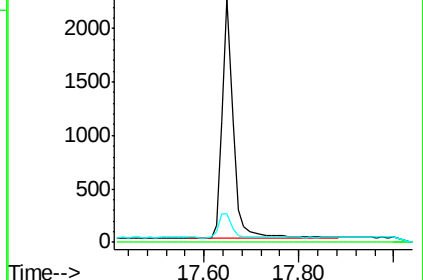
80 11.9 3.6 5.4#



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: 0.138 ng

RT: 17.30 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

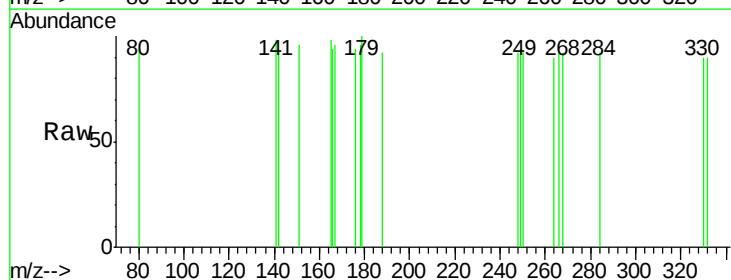
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 97.7 72.5 108.7

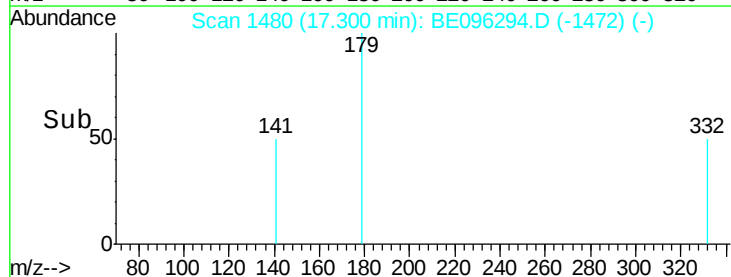
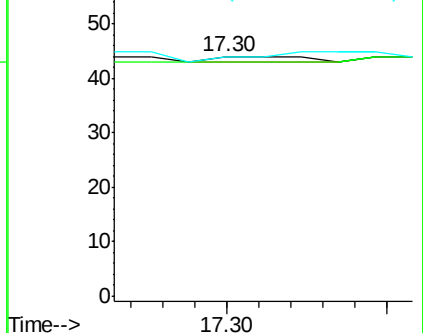
268 100.0 73.8 110.6

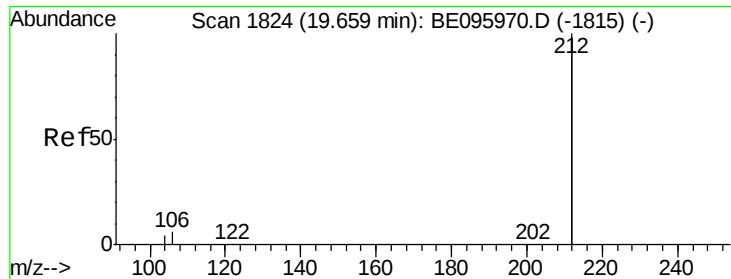


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

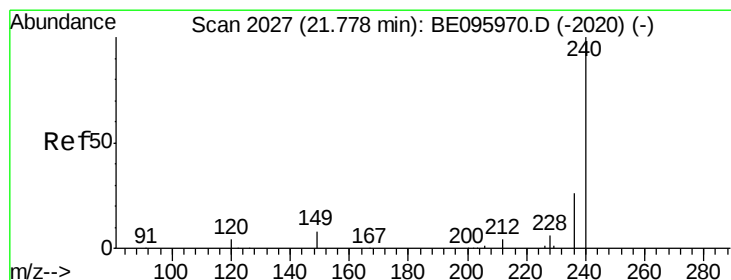
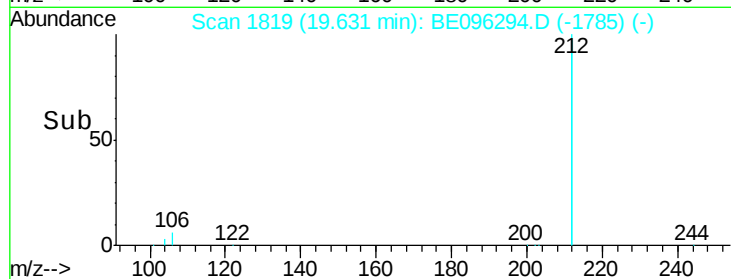
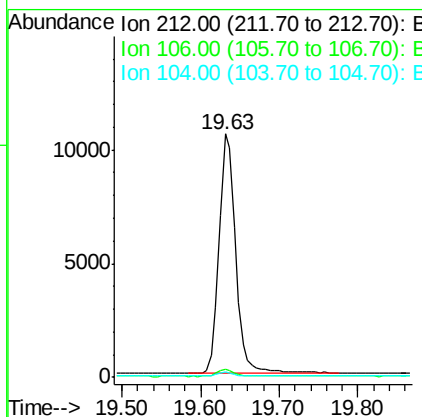
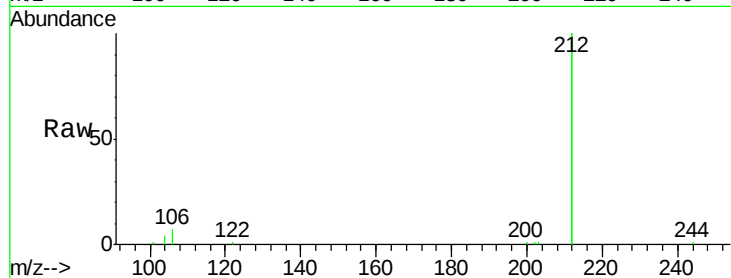




#25
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 19.63 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BE096294.D
 Acq: 2 May 2018 14:41

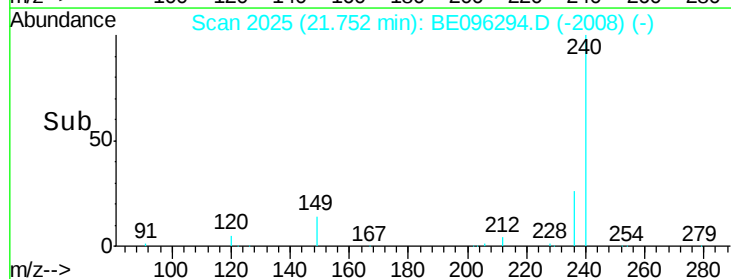
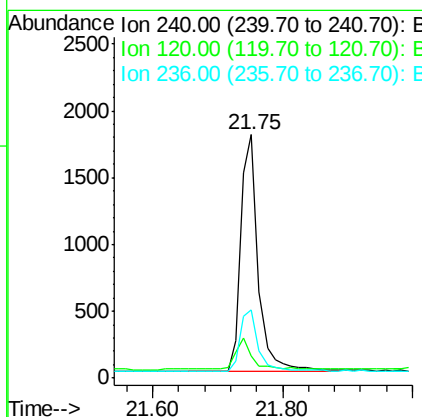
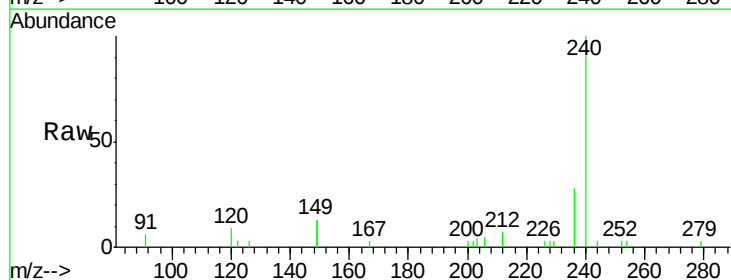
Instrument :
 BNA_E
 ClientSampled :

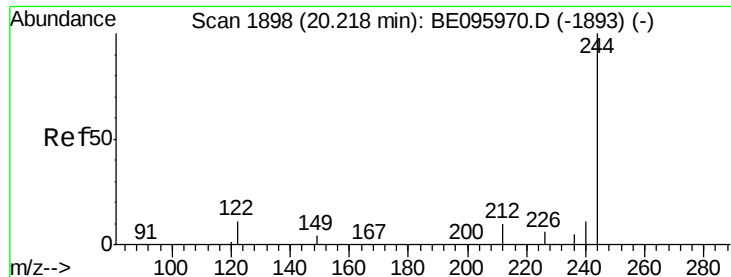
Tot Ion:212 Resp: 15342
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.75 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BE096294.D
 Acq: 2 May 2018 14:41

Tgt Ion:240 Resp: 3363
 Ion Ratio Lower Upper
 240 100
 120 9.0 5.5 8.3#
 236 27.8 20.7 31.1





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

Instrument :

BNA_E

ClientSampleId :

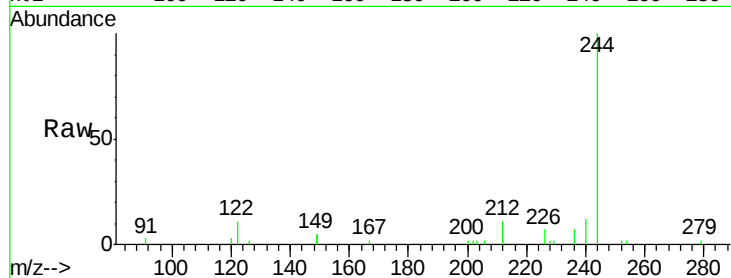
Tot Ion:244 Resp: 3588

Ion Ratio Lower Upper

244 100

212 11.1 25.4 38.0#

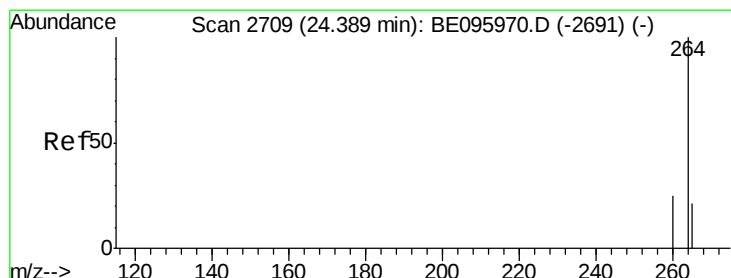
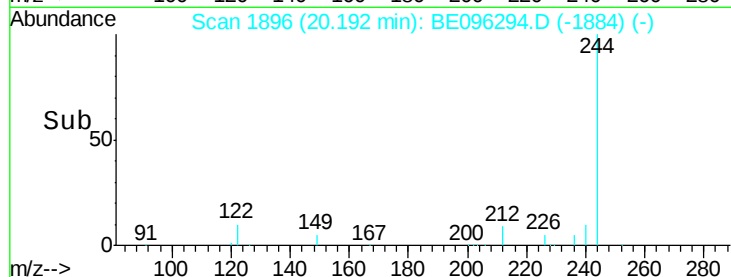
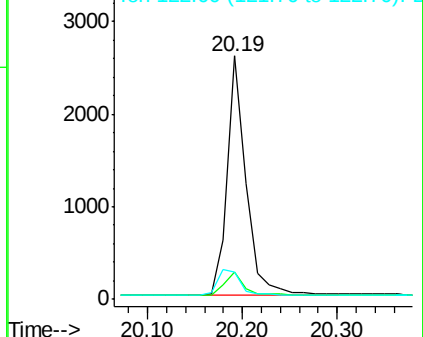
122 11.2 8.1 12.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096294.D

Acq: 2 May 2018 14:41

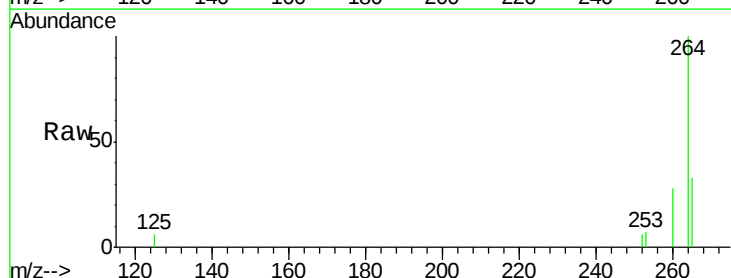
Tgt Ion:264 Resp: 2943

Ion Ratio Lower Upper

264 100

260 27.8 20.5 30.7

265 33.4 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

