

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096248.D
 Acq On : 1 May 2018 6:56
 Operator : SJ/JU
 Sample : J2600-21
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 01 11:51:58 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

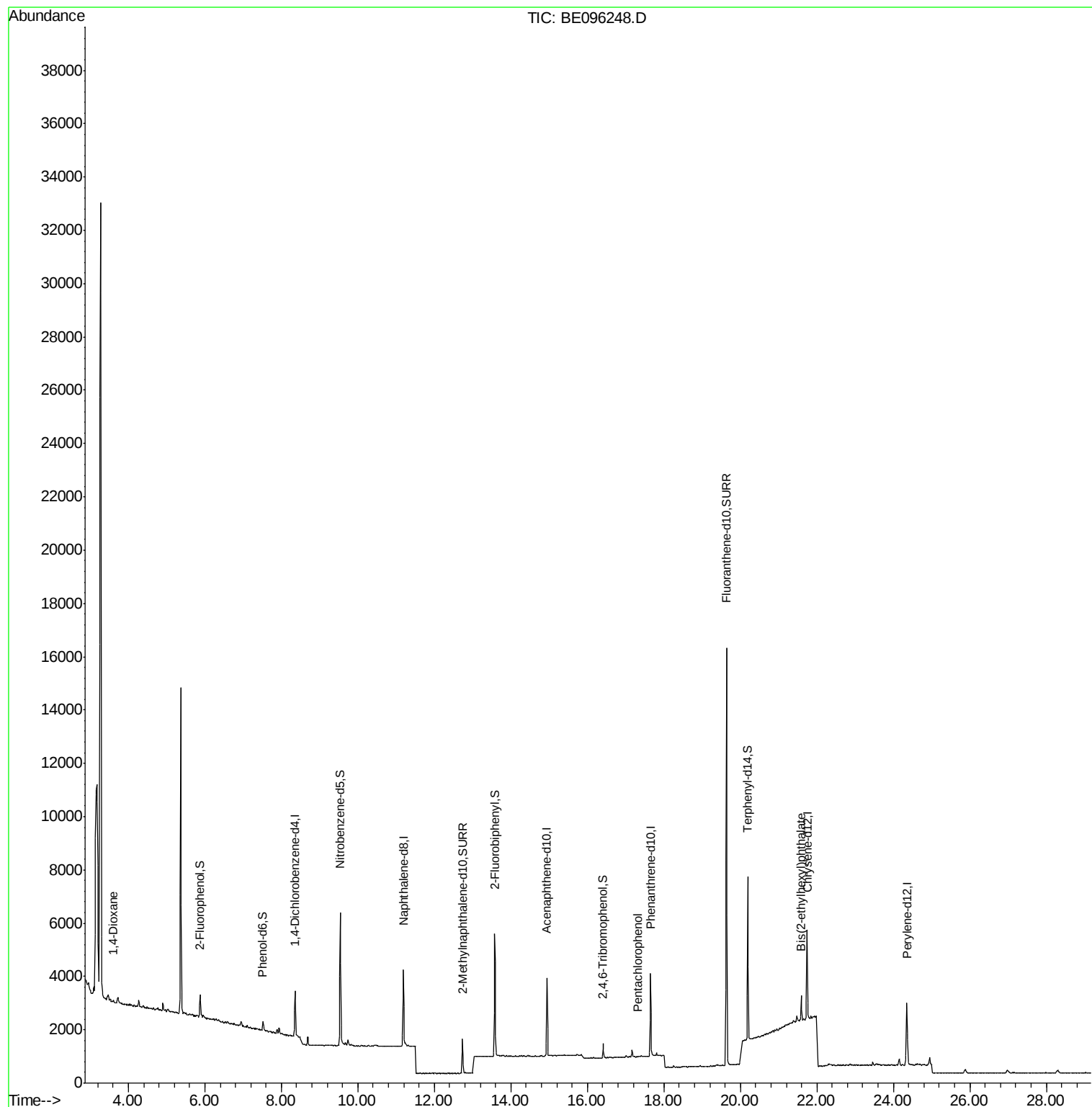
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	857	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3165	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1718	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4076	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3951	0.40	ng	0.01
34) Perylene-d12	24.35	264	3737	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	407	0.15	ng	0.02
5) Phenol-d6	7.53	99	342	0.09	ng	0.02
8) Nitrobenzene-d5	9.54	82	2016	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1838	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	287	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4381	0.60	ng	0.00
25) Fluoranthene-d10	19.64	212	20067	0.36	ng	0.00
29) Terphenyl-d14	20.19	244	5448	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	86	0.065	ng	Qvalue # 68
22) Pentachlorophenol	17.32	266	5	0.140	ng	95
32) Bis(2-ethylhexyl)phthalate	21.60	149	1198	0.037	ng	# 100

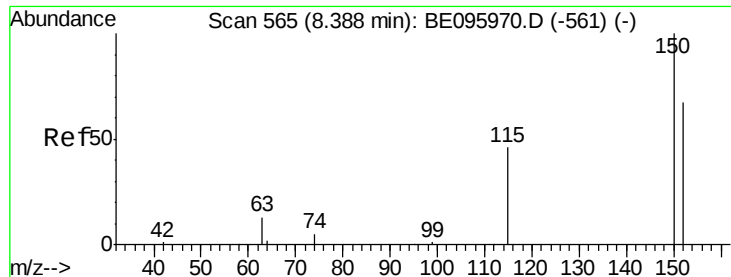
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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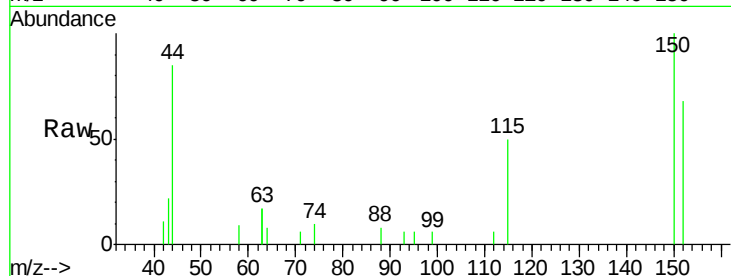


#1

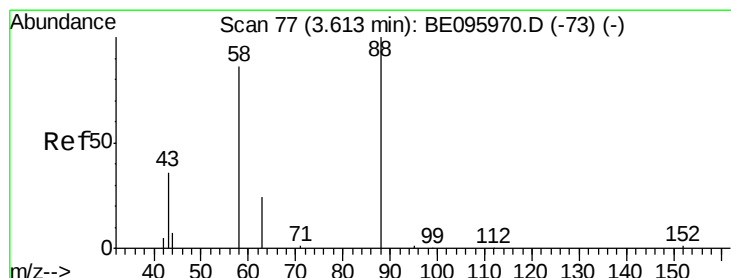
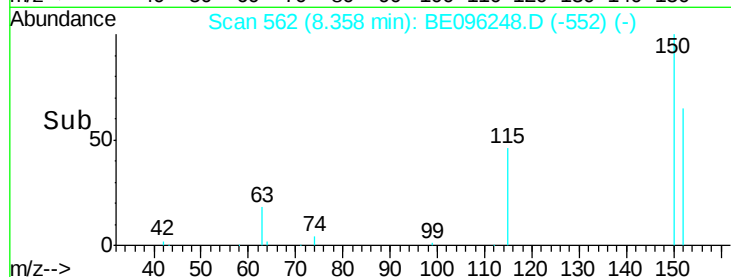
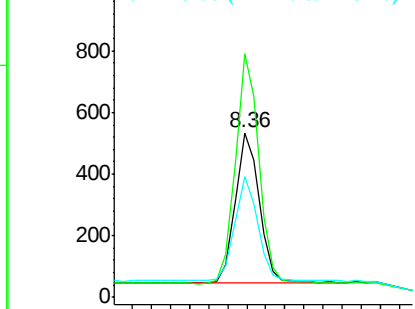
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096248.D
Acq: 1 May 2018 6:56

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 857
Ion Ratio Lower Upper
152 100
150 147.9 117.2 175.8
115 73.5 57.0 85.6



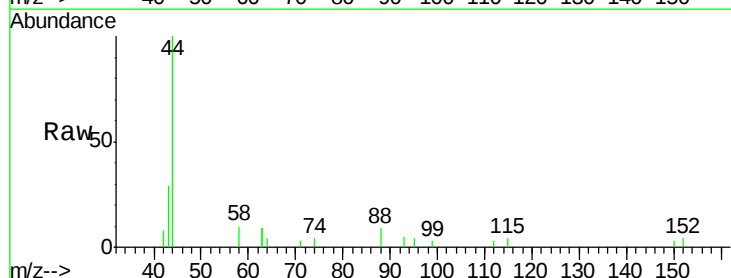
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



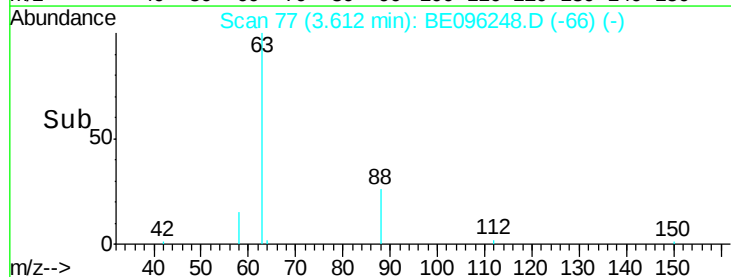
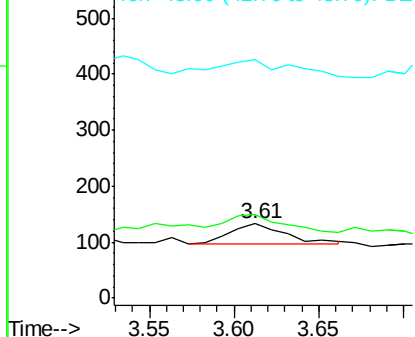
#2

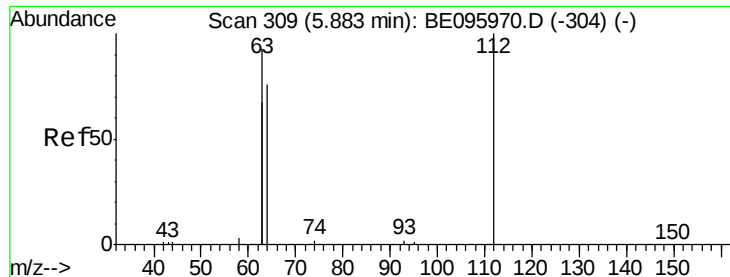
1,4-Dioxane
Concen: 0.065 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.01 min
Lab File: BE096248.D
Acq: 1 May 2018 6:56

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 80.2 63.2 94.8
43 107.0 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





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.88 min Scan# 309

Delta R.T. 0.02 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

Instrument :

BNA_E

ClientSampled :

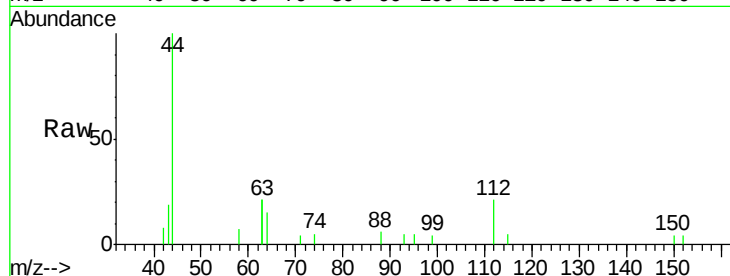
Tot Ion: 112 Resp: 407

Ion Ratio Lower Upper

112 100

64 78.9 60.1 90.1

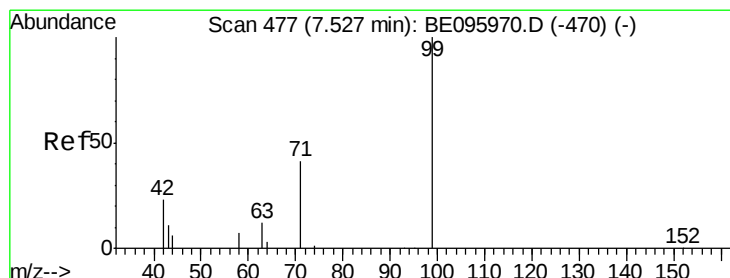
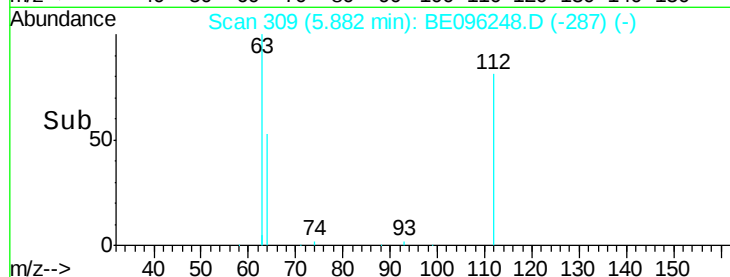
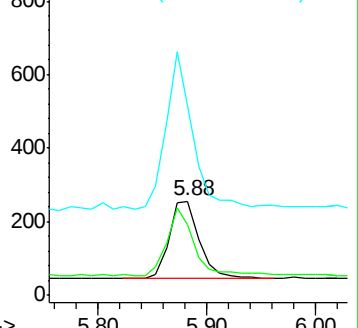
63 175.9 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.094 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

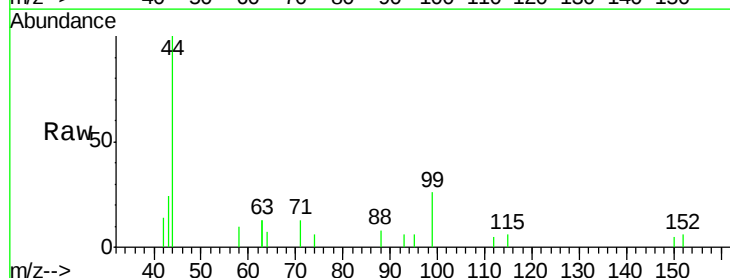
Tgt Ion: 99 Resp: 342

Ion Ratio Lower Upper

99 100

42 32.2 20.2 30.2#

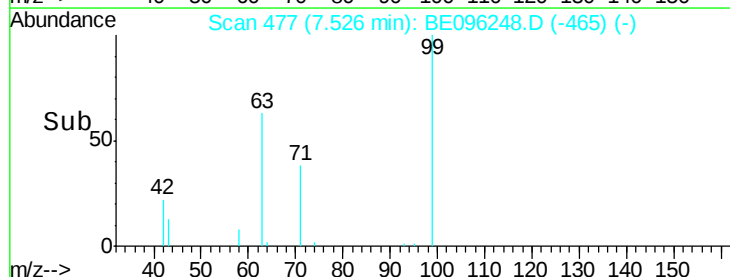
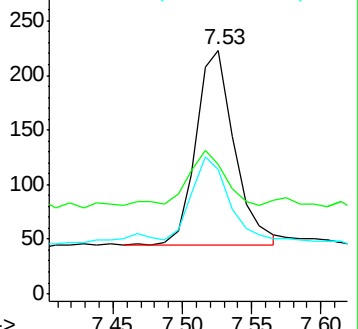
71 41.8 28.4 42.6

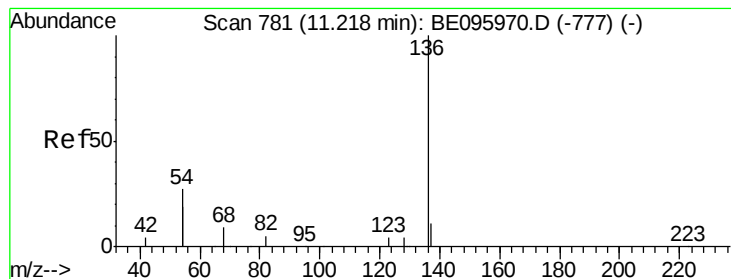


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096248.D

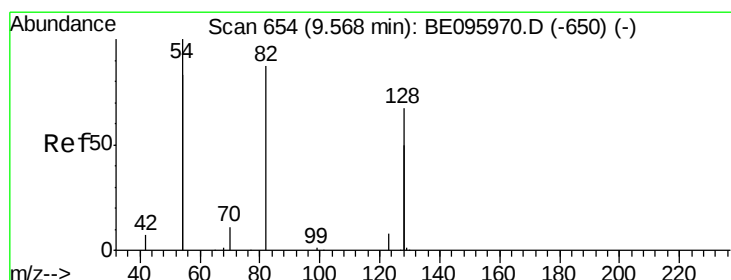
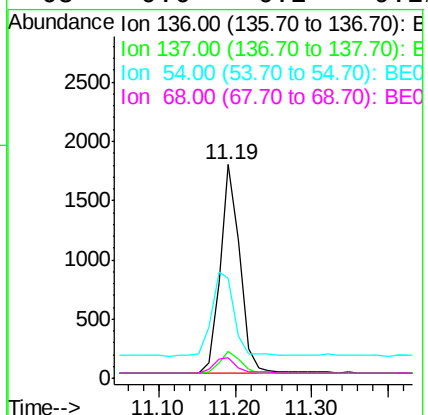
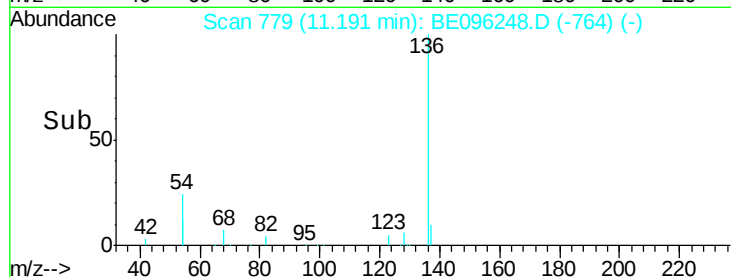
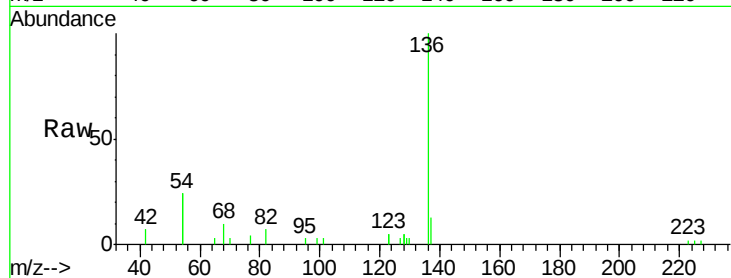
Acq: 1 May 2018 6:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	3165
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	47.0	29.1	43.7#
68	9.6	6.2	9.2#



#8

Nitrobenzene-d5

Concen: 0.543 ng

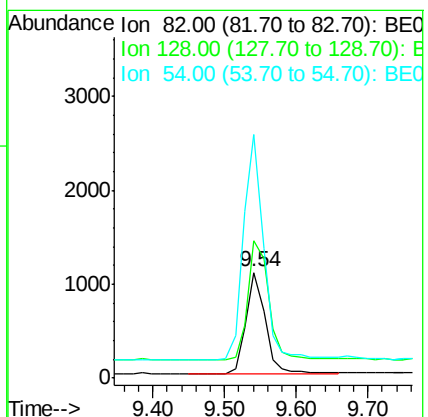
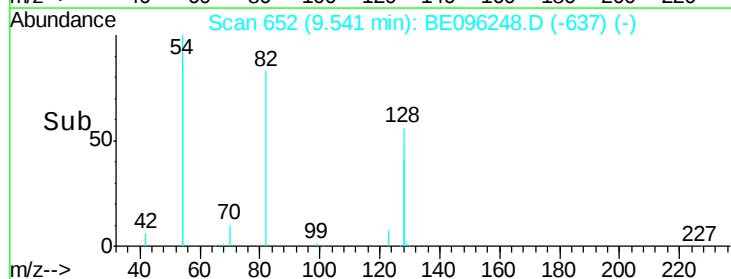
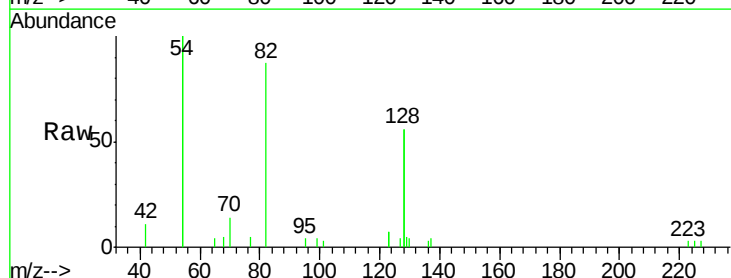
RT: 9.54 min Scan# 652

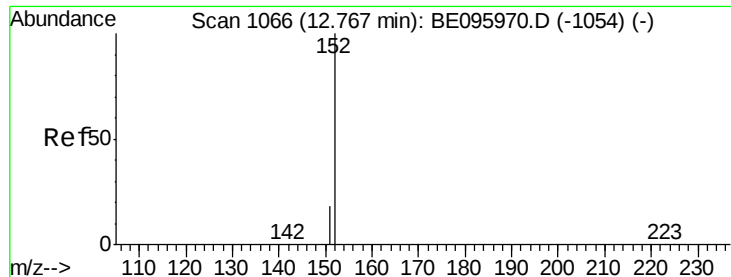
Delta R.T. -0.00 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

Tgt Ion:	82	Resp:	2016
Ion	Ratio	Lower	Upper
82	100		
128	129.7	150.0	225.0#
54	230.2	154.2	231.4

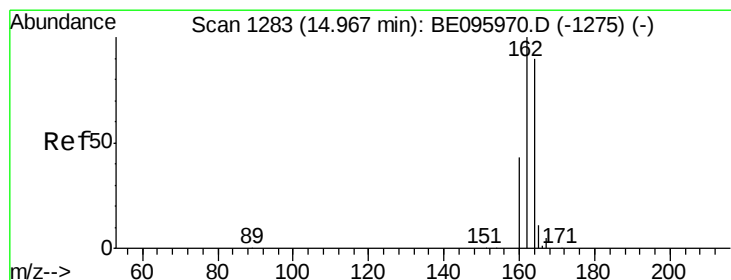
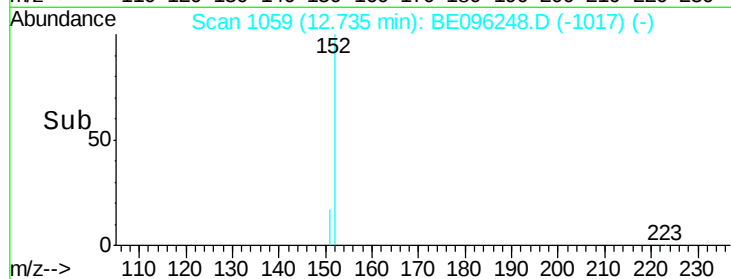
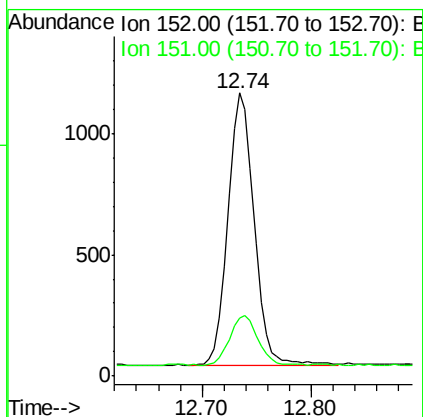
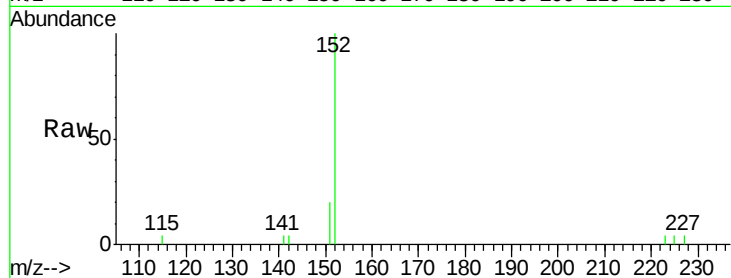




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096248.D
Acq: 1 May 2018 6:56

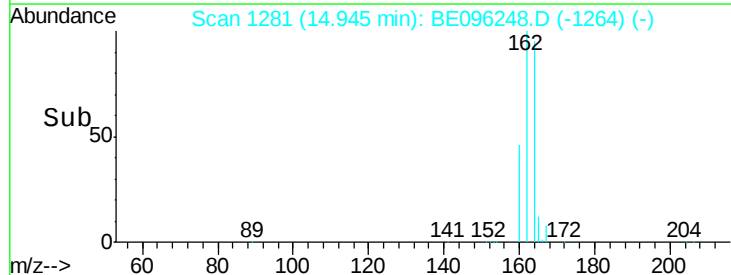
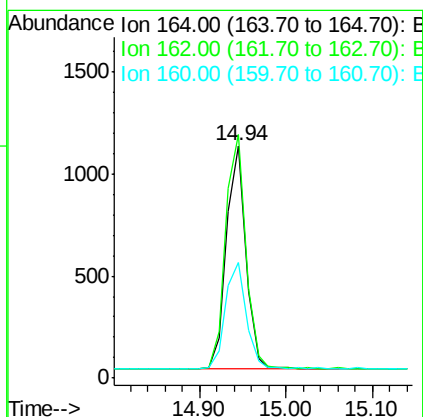
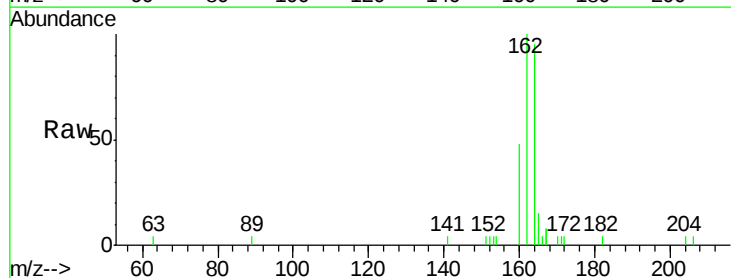
Instrument :
BNA_E
ClientSampled :

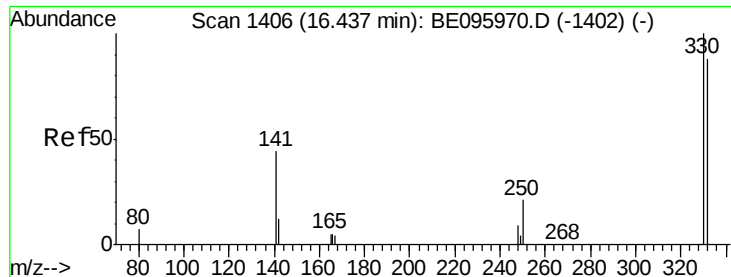
Tot Ion:152 Resp: 1838
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096248.D
Acq: 1 May 2018 6:56

Tgt Ion:164 Resp: 1718
Ion Ratio Lower Upper
164 100
162 104.9 83.1 124.7
160 50.0 37.1 55.7

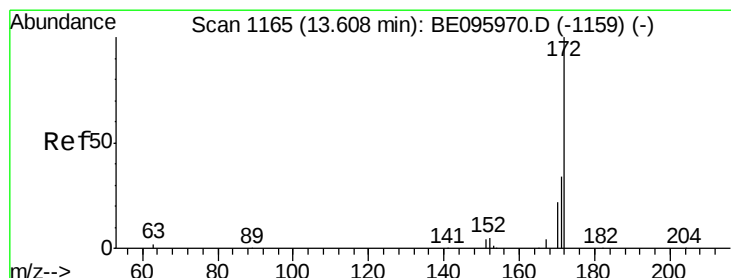
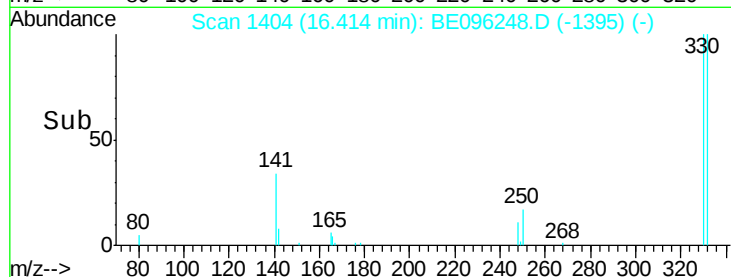
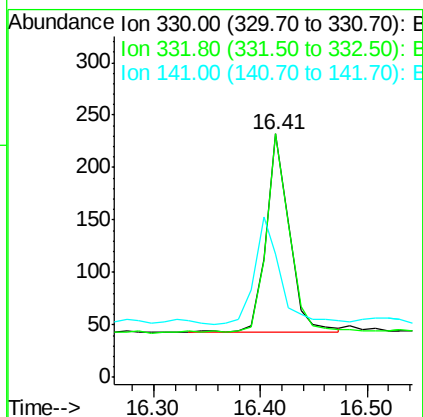
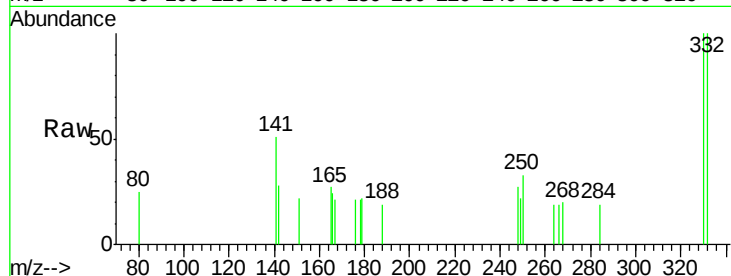




#14
 2,4,6-Tribromophenol
 Concen: 0.346 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096248.D
 Acq: 1 May 2018 6:56

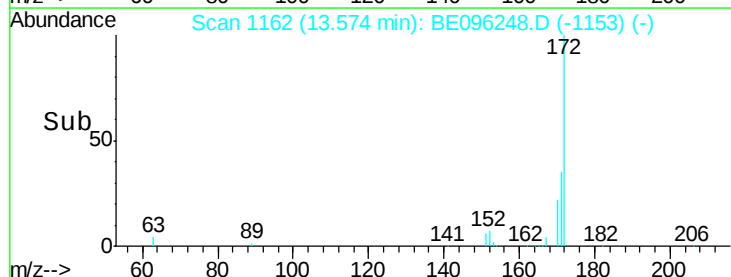
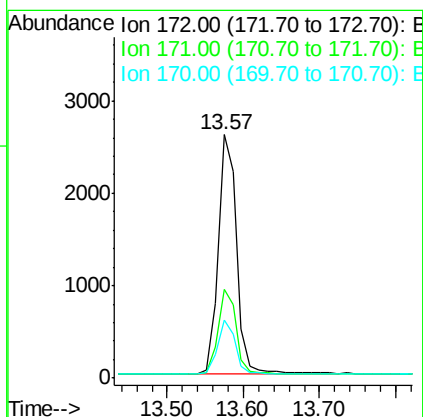
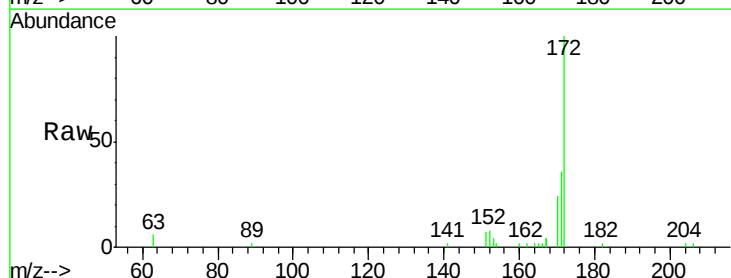
Instrument :
 BNA_E
 ClientSampleId :

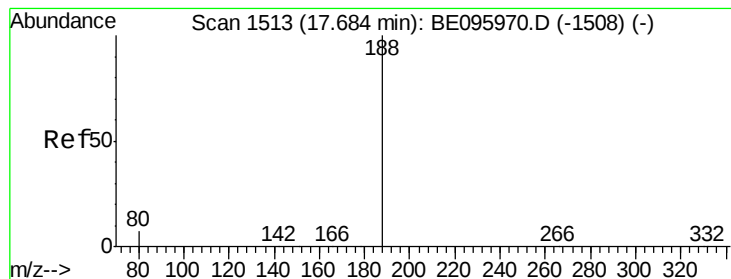
Tot Ion:330 Resp: 287
 Ion Ratio Lower Upper
 330 100
 332 99.3 152.7 229.1#
 141 58.9 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.596 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096248.D
 Acq: 1 May 2018 6:56

Tgt Ion:172 Resp: 4381
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.9 44.9
 170 23.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

Instrument :

BNA_E

ClientSampleId :

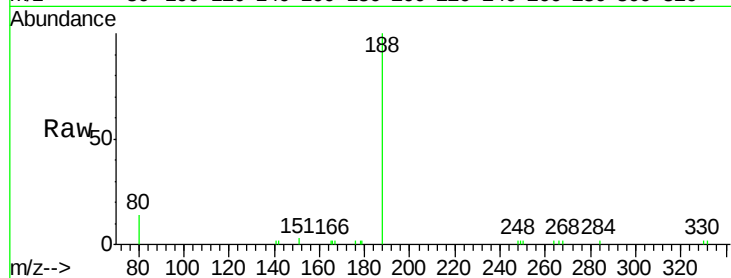
Tot Ion:188 Resp: 4076

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

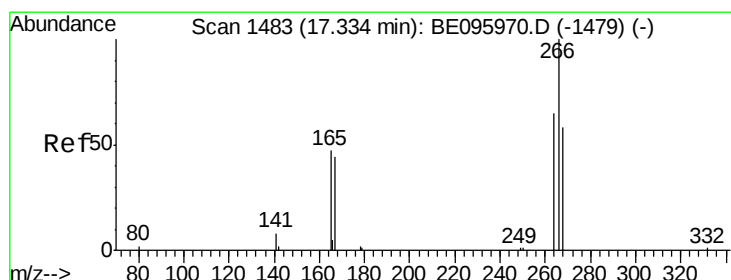
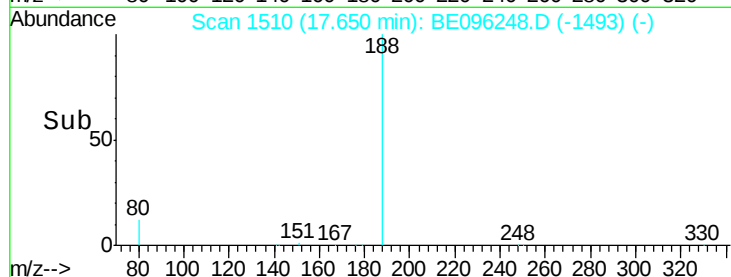
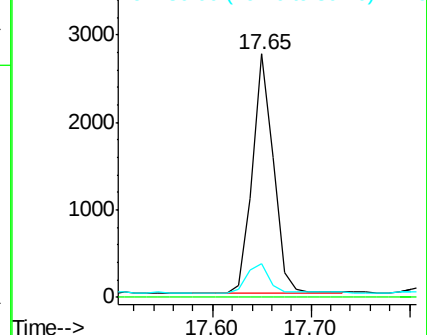
80 13.9 3.6 5.4#



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: 0.140 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

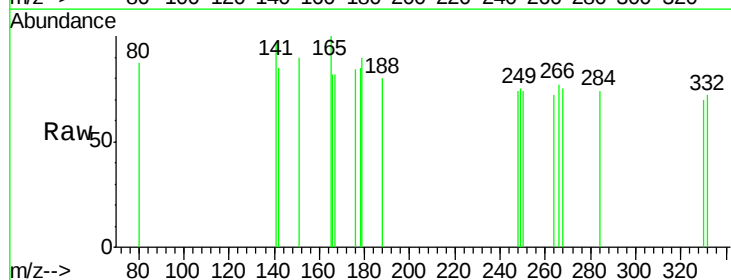
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 93.6 72.5 108.7

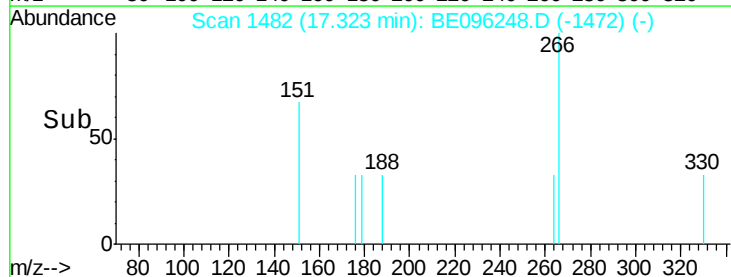
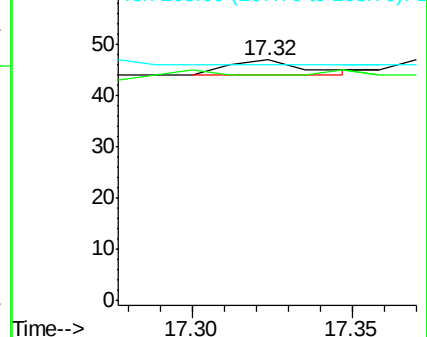
268 97.9 73.8 110.6

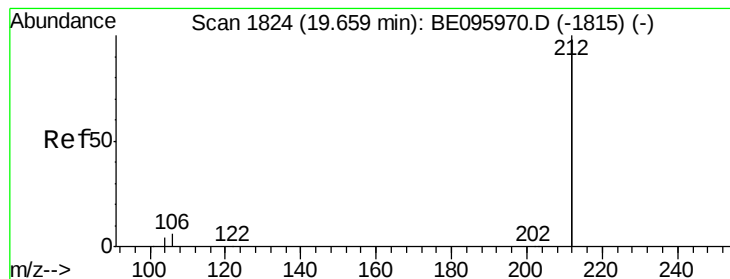


Abundance Ion 266.00 (265.70 to 266.70): E

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: BE096248.D

Acq: 1 May 2018 6:56

Instrument :

BNA_E

ClientSampleId :

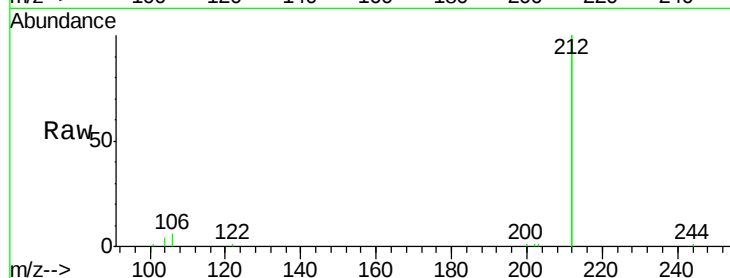
Tot Ion:212 Resp: 20067

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

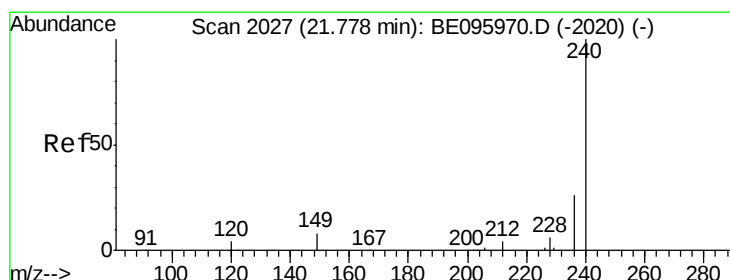
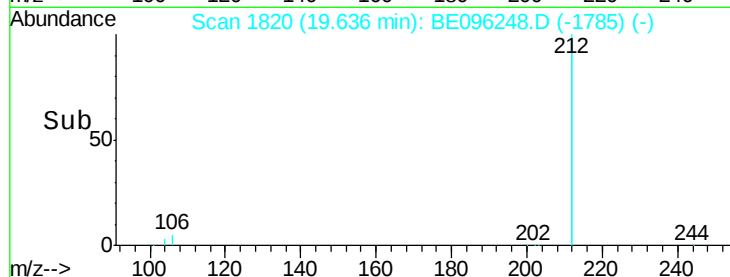
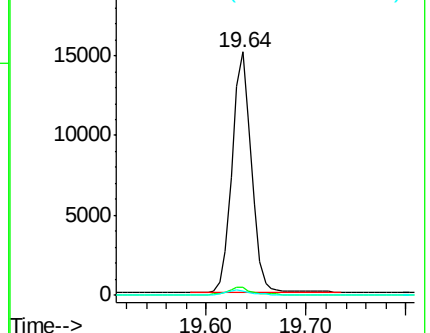
104 1.8 1.6 2.4



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: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

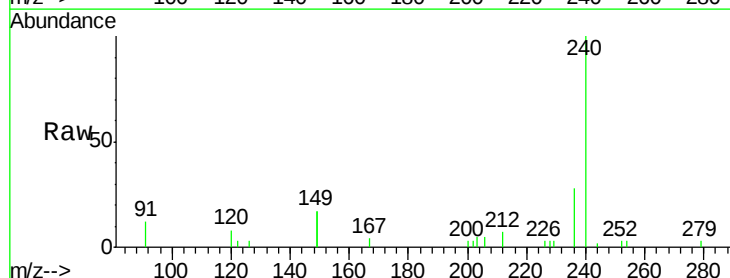
Tgt Ion:240 Resp: 3951

Ion Ratio Lower Upper

240 100

120 8.3 5.5 8.3#

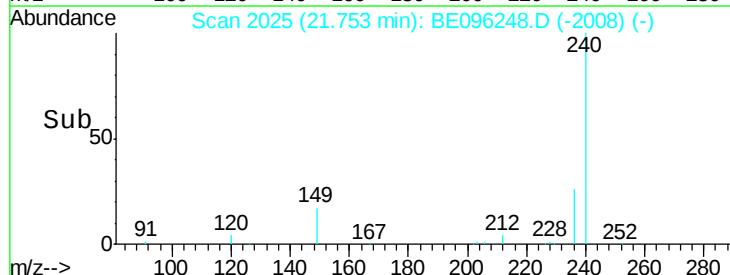
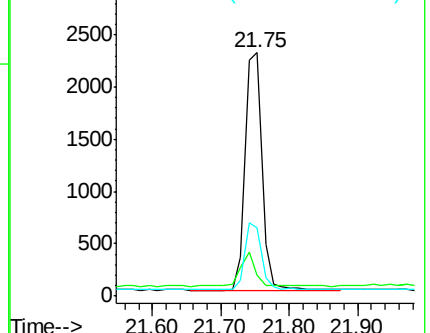
236 28.3 20.7 31.1

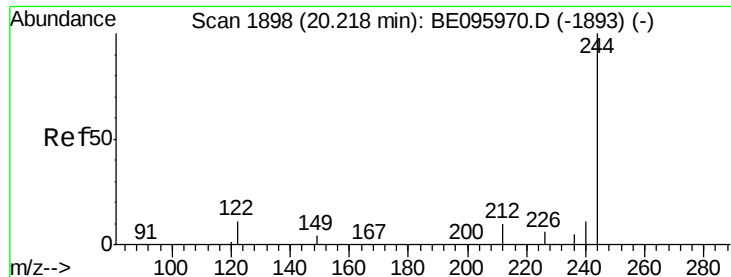


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.624 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

Instrument :

BNA_E

ClientSampleId :

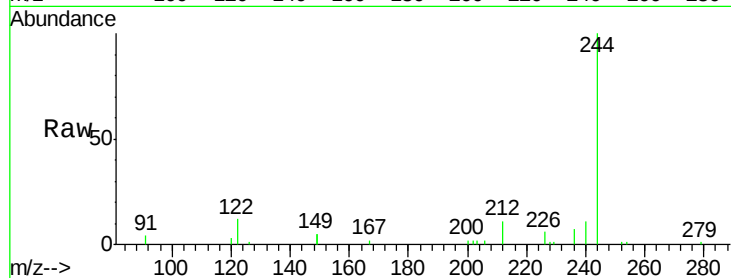
Tot Ion:244 Resp: 5448

Ion Ratio Lower Upper

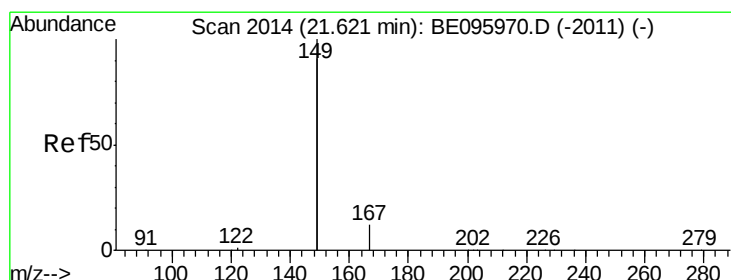
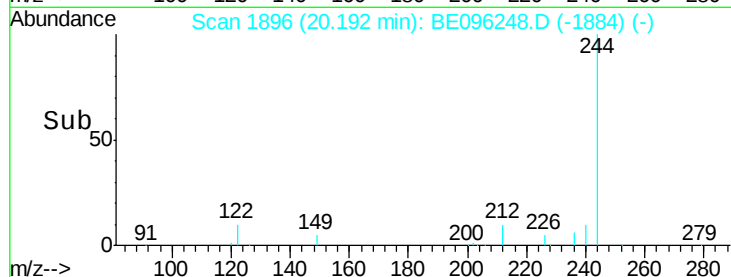
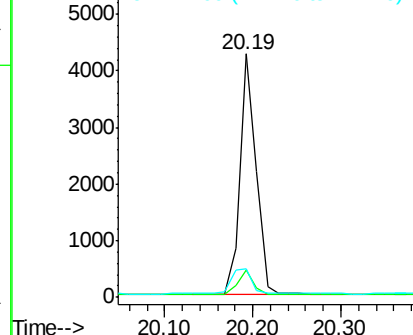
244 100

212 11.0 25.4 38.0#

122 11.7 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: 0.037 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

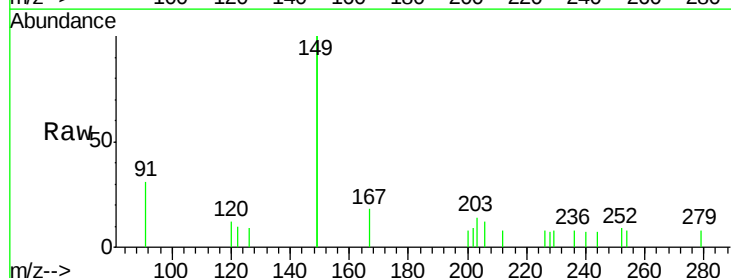
Tgt Ion:149 Resp: 1198

Ion Ratio Lower Upper

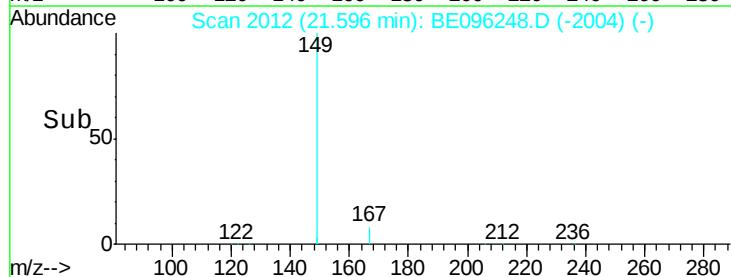
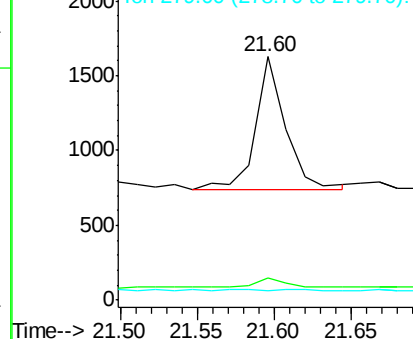
149 100

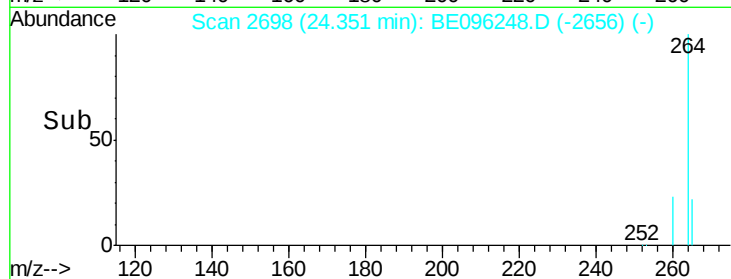
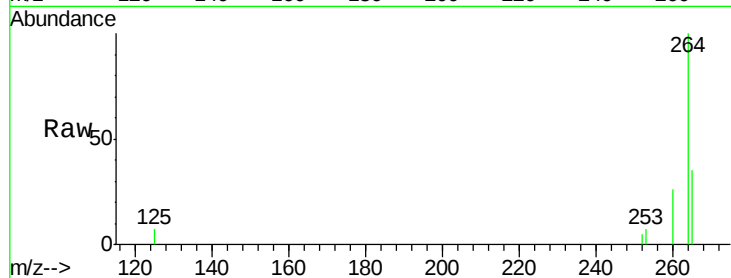
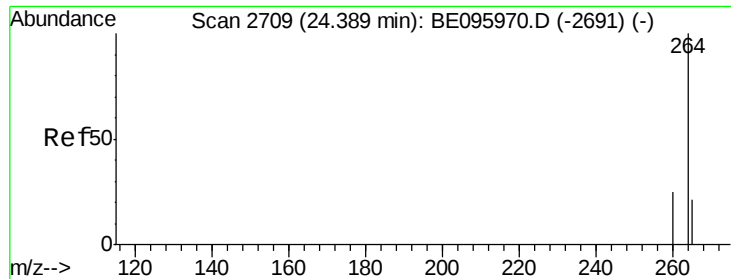
167 6.8 5.4 8.0

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





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096248.D

Acq: 1 May 2018 6:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3737

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 35.0 22.8 34.2

