

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096236.D
 Acq On : 30 Apr 2018 23:46
 Operator : SJ/JU
 Sample : J2600-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20180424

Quant Time: May 01 02:32:18 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

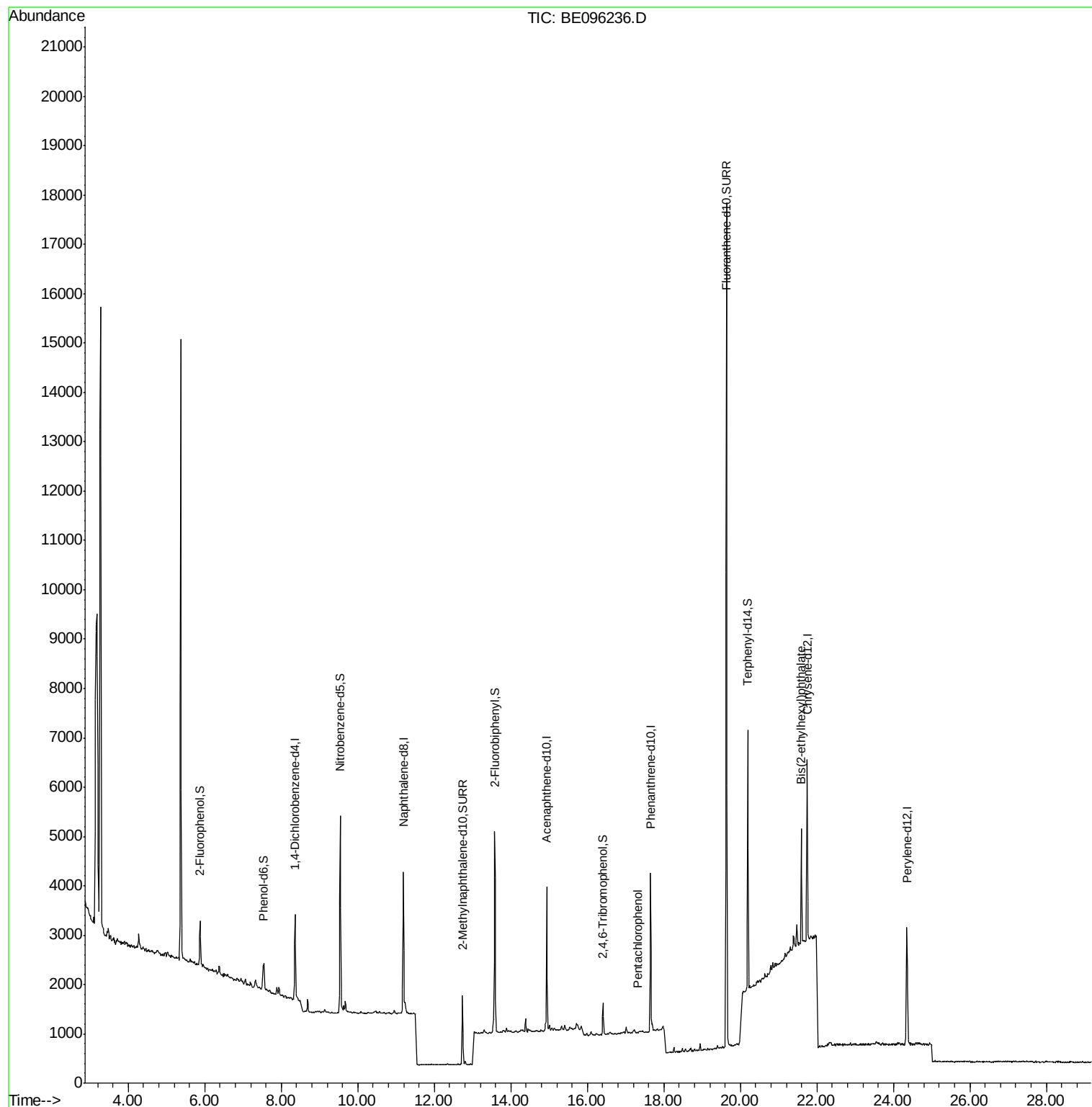
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	848	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3145	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1698	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4061	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3998	0.40	ng	0.01
34) Perylene-d12	24.35	264	3826	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	428	0.16	ng	0.01
5) Phenol-d6	7.52	99	362	0.10	ng	0.01
8) Nitrobenzene-d5	9.54	82	1525	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1927	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	342	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3767	0.52	ng	0.00
25) Fluoranthene-d10	19.64	212	21823	0.40	ng	0.00
29) Terphenyl-d14	20.19	244	4871	0.55	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.31	266	13	0.147	ng	Qvalue 93
32) Bis(2-ethylhexyl)phthalate	21.60	149	2848	0.086	ng	# 98

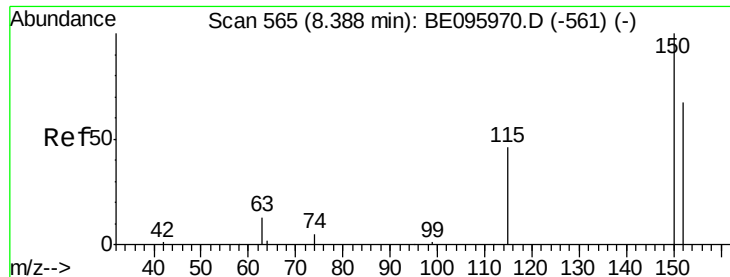
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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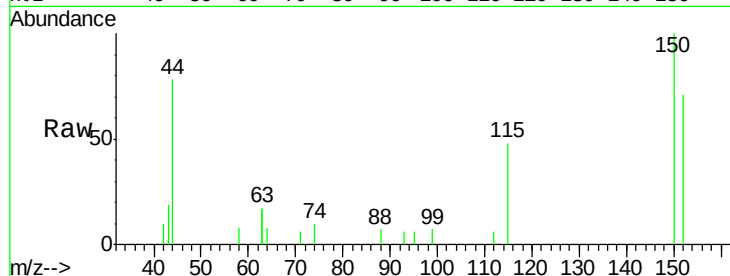


#1

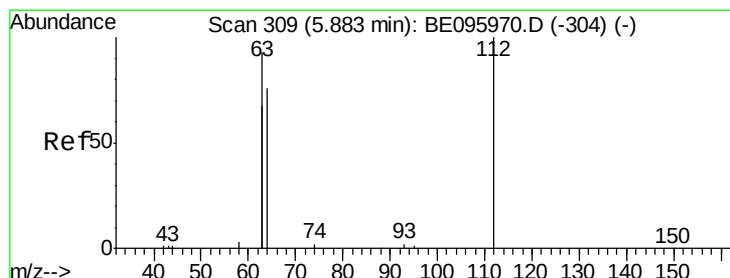
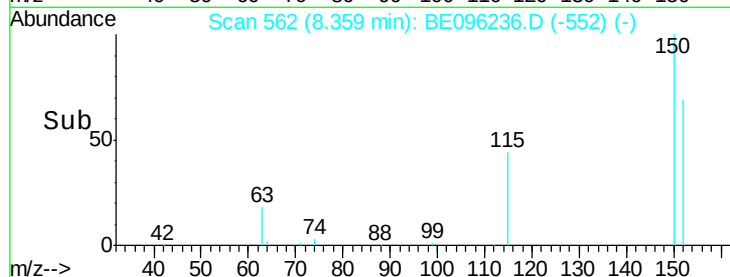
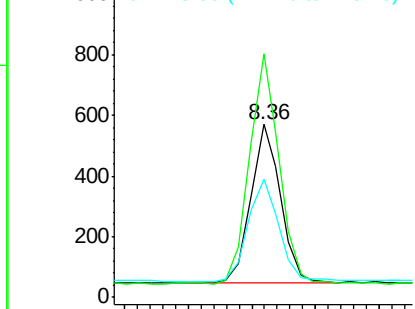
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096236.D
Acq: 30 Apr 2018 23:46

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW08-20180424

Tgt Ion:152 Resp: 848
Ion Ratio Lower Upper
152 100
150 140.9 117.2 175.8
115 68.1 57.0 85.6



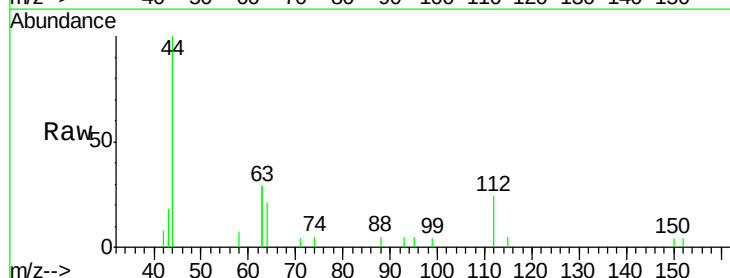
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



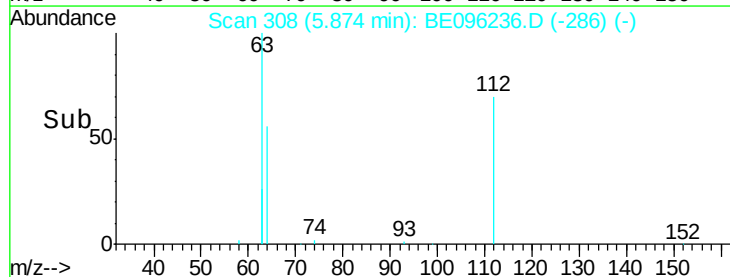
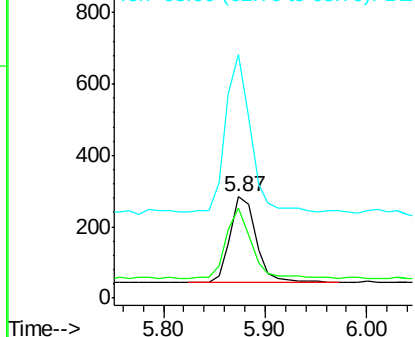
#4

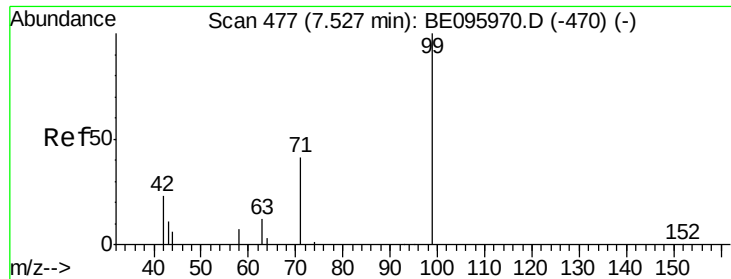
2-Fluorophenol
Concen: 0.163 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096236.D
Acq: 30 Apr 2018 23:46

Tgt Ion:112 Resp: 428
Ion Ratio Lower Upper
112 100
64 80.6 60.1 90.1
63 179.0 116.8 175.2#



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: 0.100 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096236.D

Acq: 30 Apr 2018 23:46

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20180424

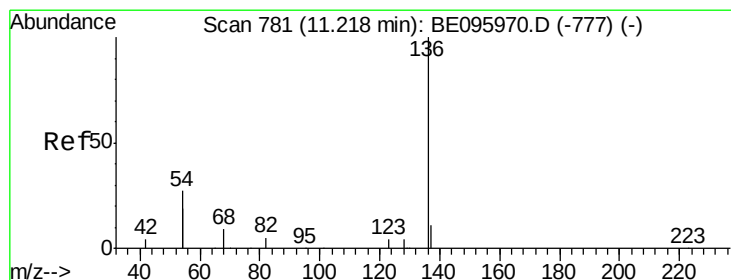
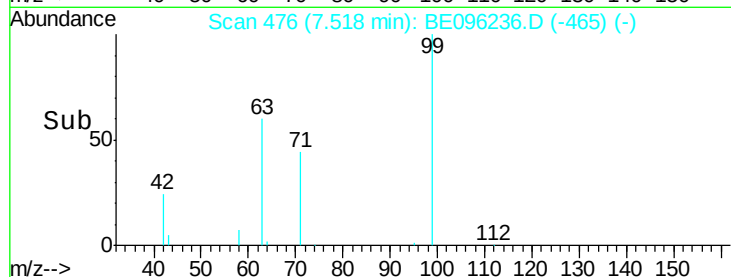
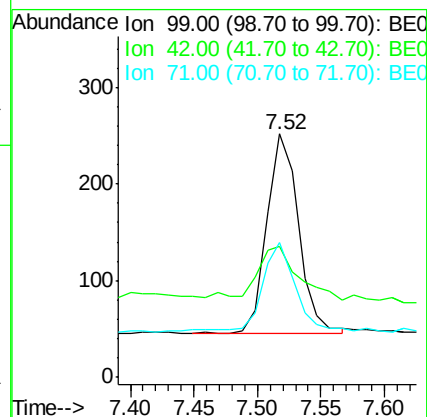
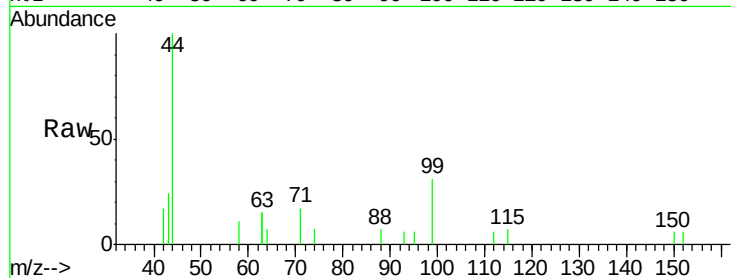
Tgt Ion: 99 Resp: 362

Ion Ratio Lower Upper

99 100

42 34.3 20.2 30.2#

71 43.6 28.4 42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096236.D

Acq: 30 Apr 2018 23:46

Tgt Ion: 136 Resp: 3145

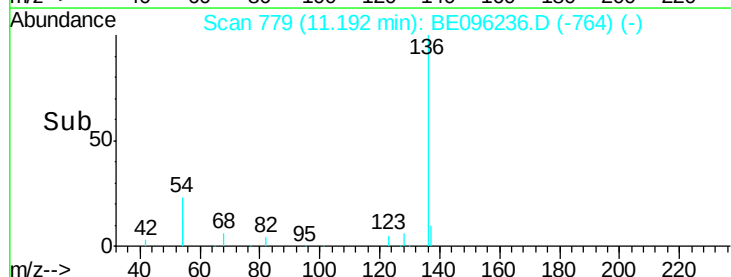
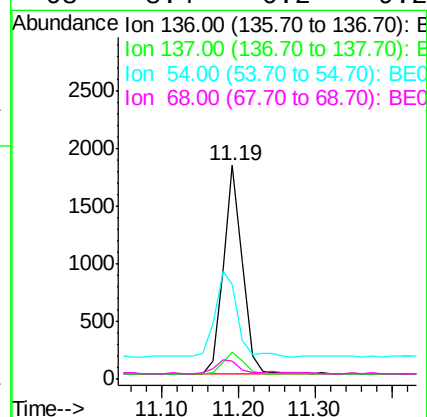
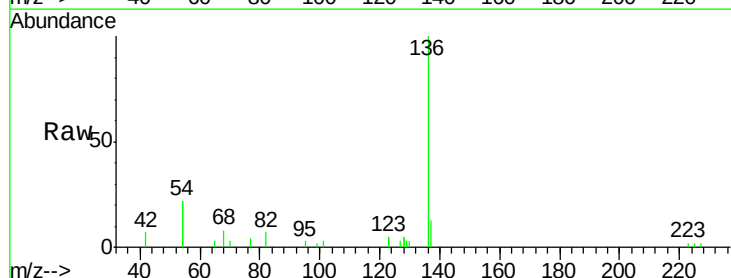
Ion Ratio Lower Upper

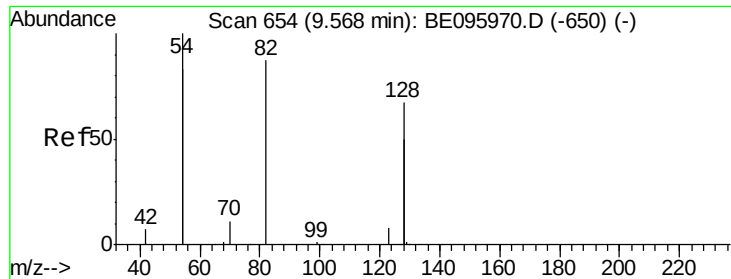
136 100

137 12.7 9.5 14.3

54 44.1 29.1 43.7#

68 8.4 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.413 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096236.D

Acq: 30 Apr 2018 23:46

Instrument :

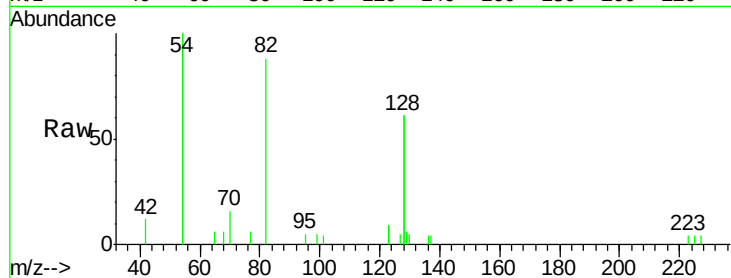
BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20180424

Tgt Ion: 82 Resp: 1525

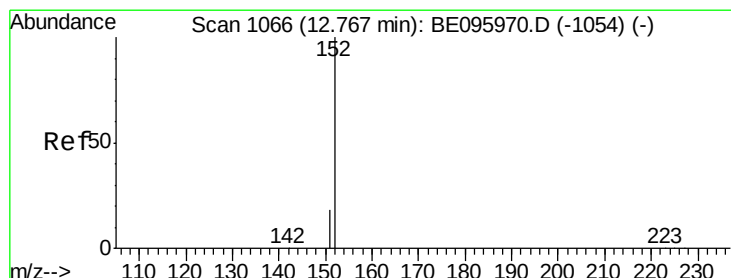
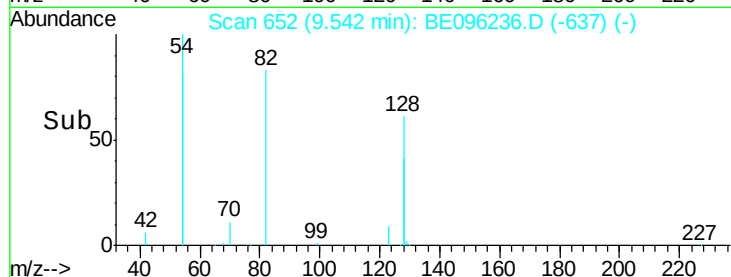
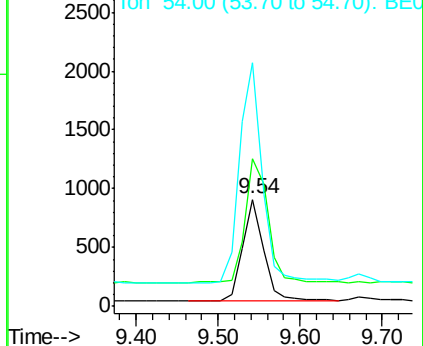
Ion	Ratio	Lower	Upper
82	100		
128	138.5	150.0	225.0#
54	228.2	154.2	231.4



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: 0.387 ng

RT: 12.74 min Scan# 1059

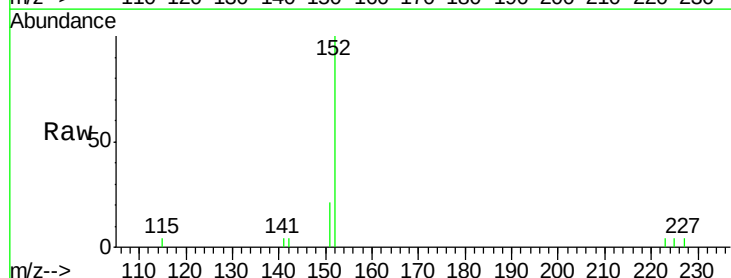
Delta R.T. -0.00 min

Lab File: BE096236.D

Acq: 30 Apr 2018 23:46

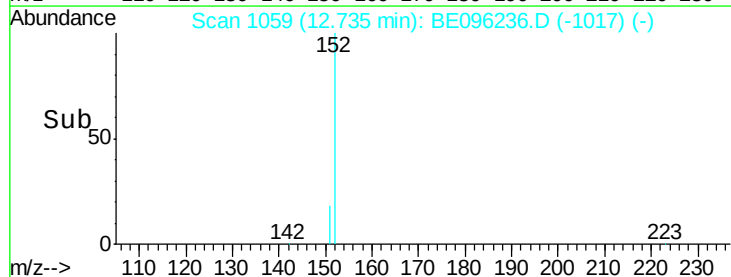
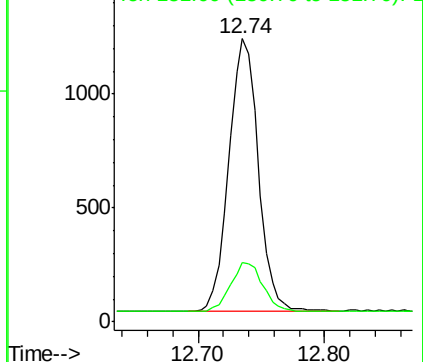
Tgt Ion: 152 Resp: 1927

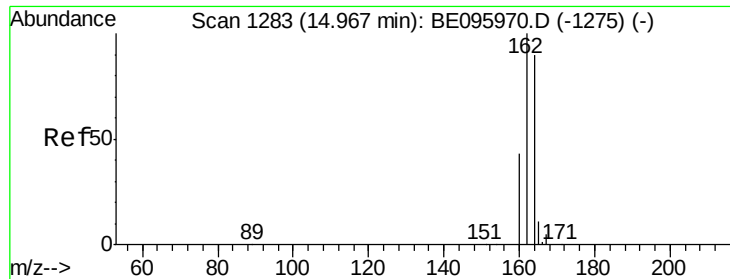
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096236.D

Acq: 30 Apr 2018 23:46

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20180424

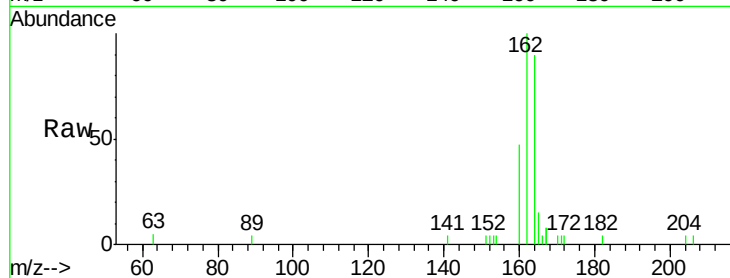
Tgt Ion:164 Resp: 1698

Ion Ratio Lower Upper

164 100

162 110.8 83.1 124.7

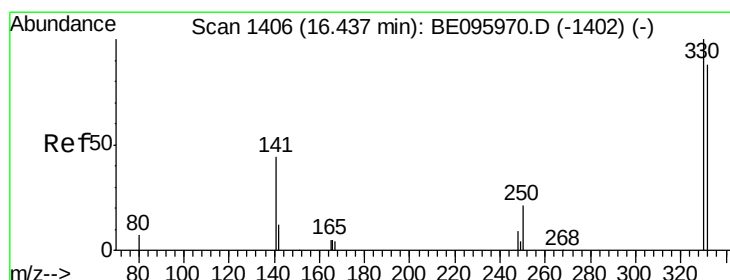
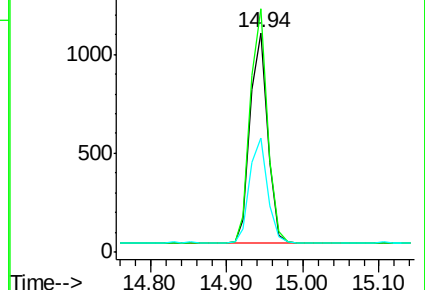
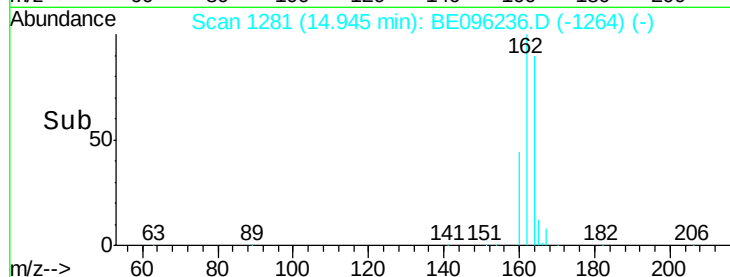
160 51.8 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.417 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096236.D

Acq: 30 Apr 2018 23:46

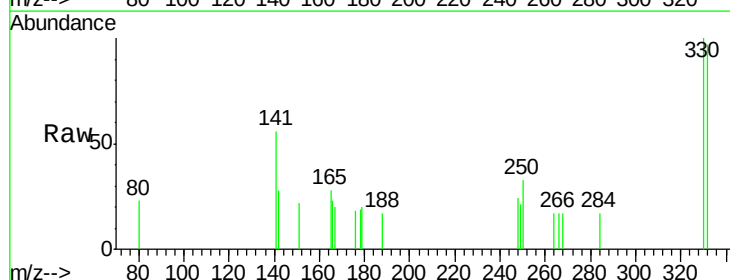
Tgt Ion:330 Resp: 342

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

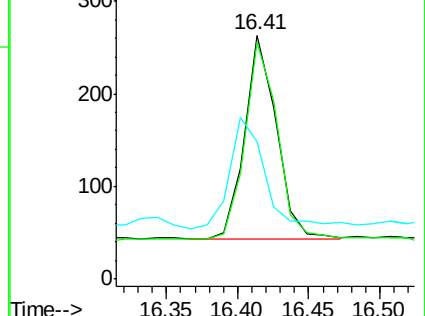
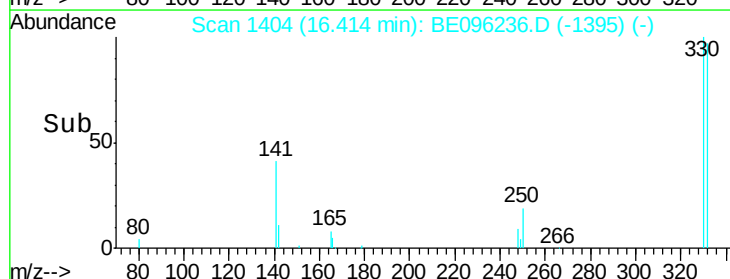
141 60.5 33.7 50.5#

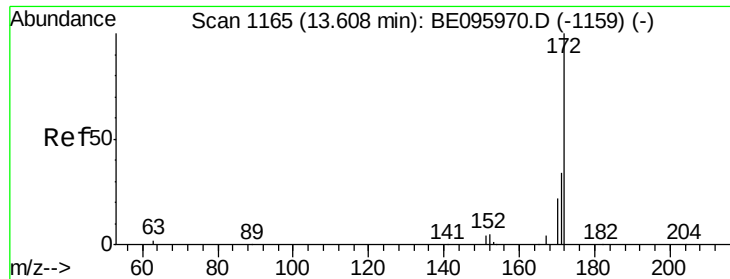


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

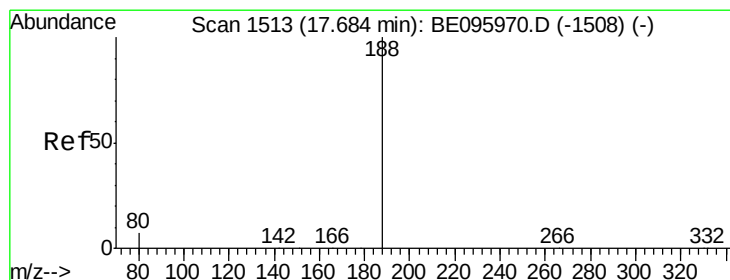
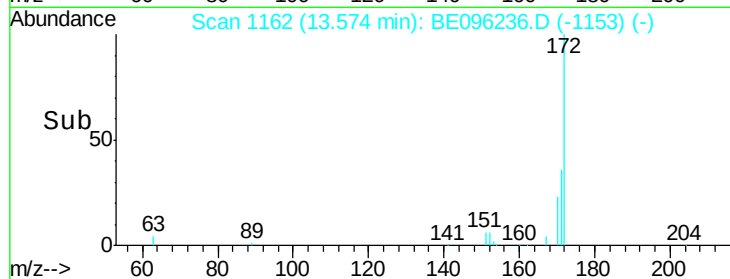
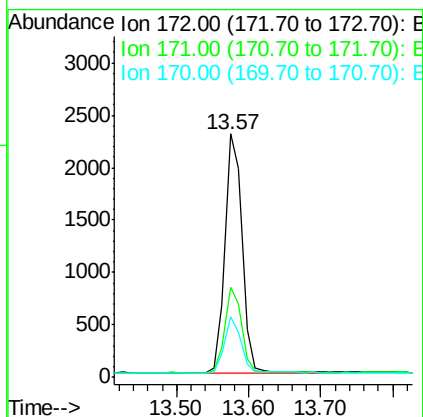
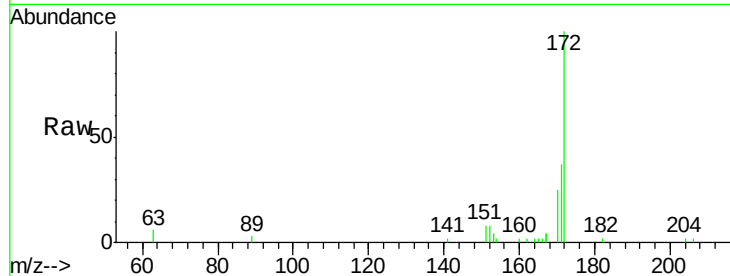




#15
2-Fluorobiphenyl
Concen: 0.519 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096236.D
Acq: 30 Apr 2018 23:46

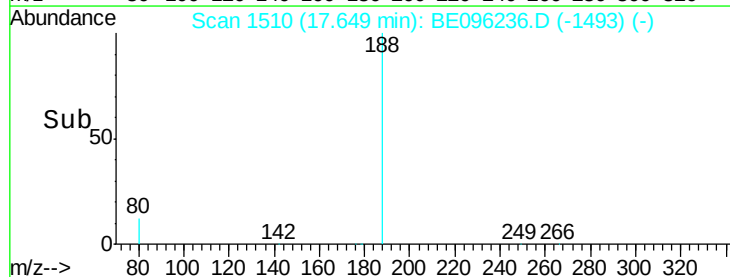
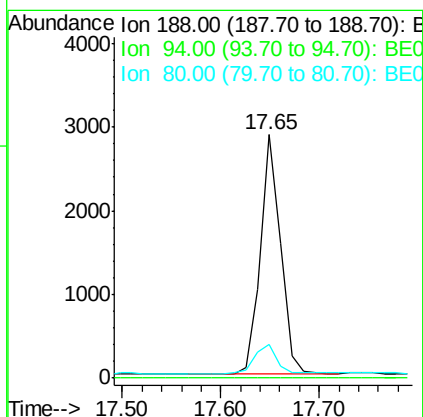
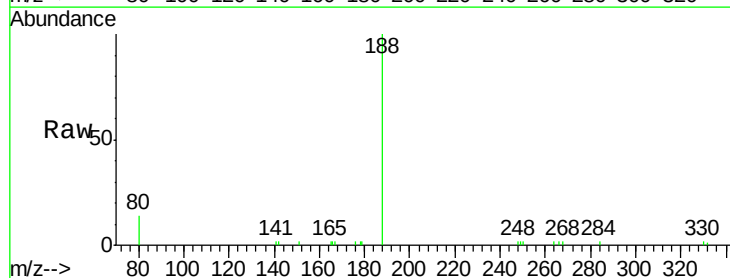
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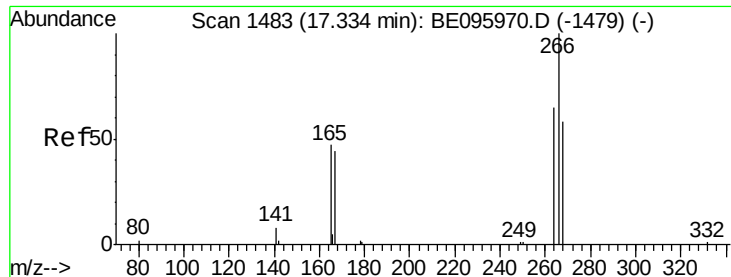
Tgt Ion:172 Resp: 3767
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 24.8 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096236.D
Acq: 30 Apr 2018 23:46

Tgt Ion:188 Resp: 4061
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.8 3.6 5.4#

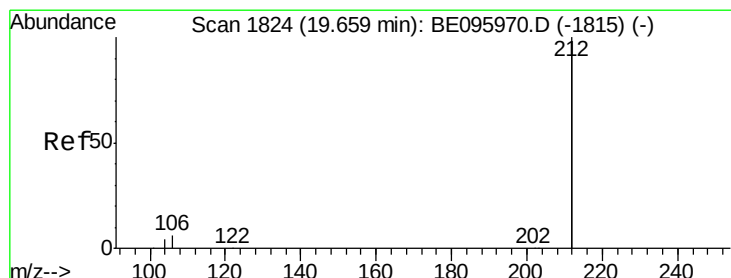
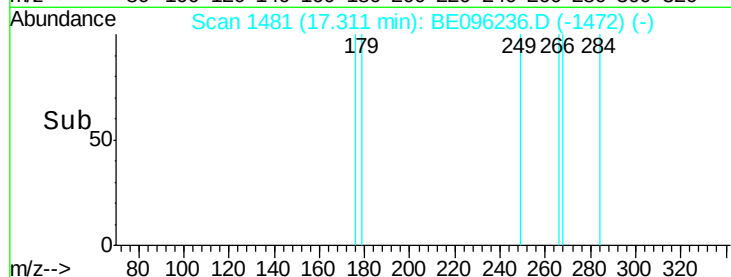
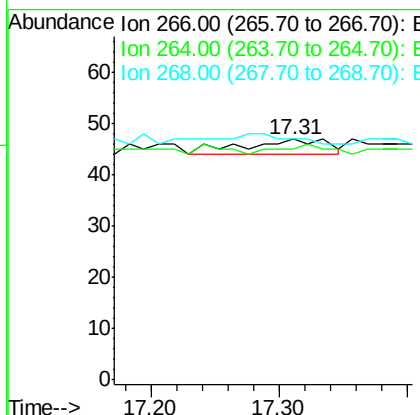
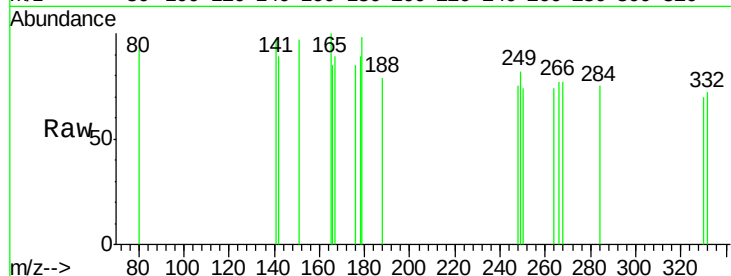




#22
 Pentachlorophenol
 Concen: 0.147 ng
 RT: 17.31 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BE096236.D
 Acq: 30 Apr 2018 23:46

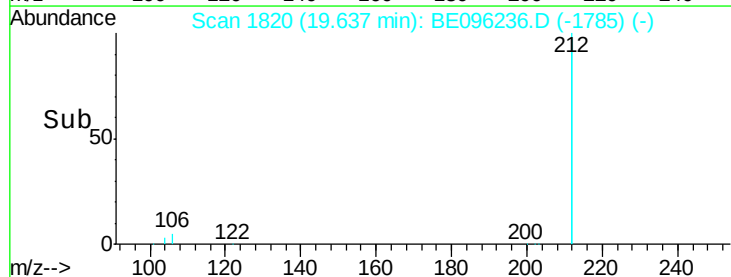
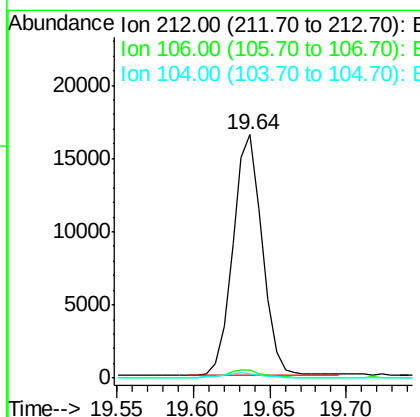
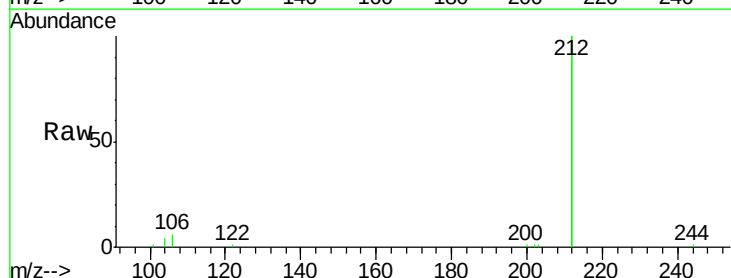
Instrument :
 BNA_E
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 BP-TT-AOC22-MW08-20180424

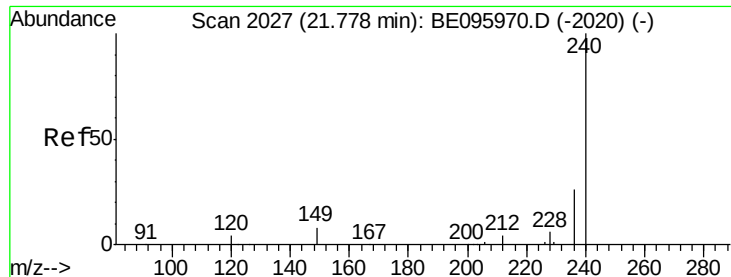
Tgt Ion: 266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 95.7 72.5 108.7
 268 100.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.396 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BE096236.D
 Acq: 30 Apr 2018 23:46

Tgt Ion: 212 Resp: 21823
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.8 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: BE096236.D

Acq: 30 Apr 2018 23:46

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20180424

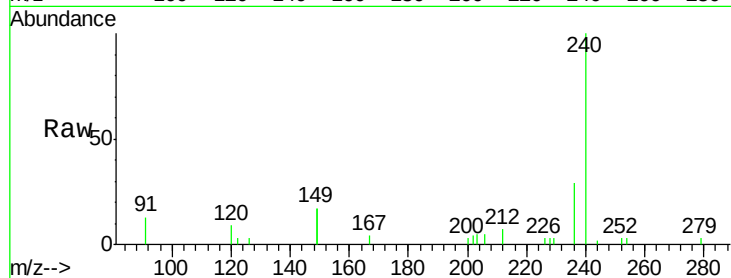
Tgt Ion:240 Resp: 3998

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

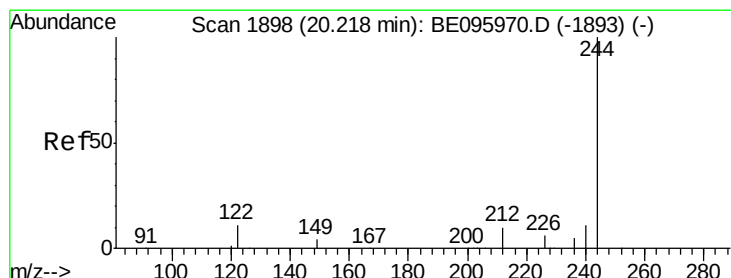
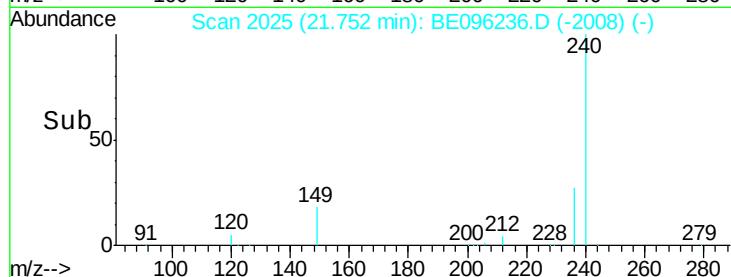
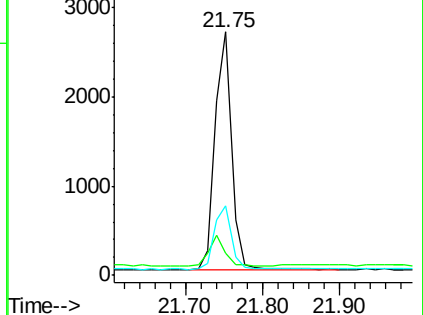
236 28.6 20.7 31.1



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: 0.551 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096236.D

Acq: 30 Apr 2018 23:46

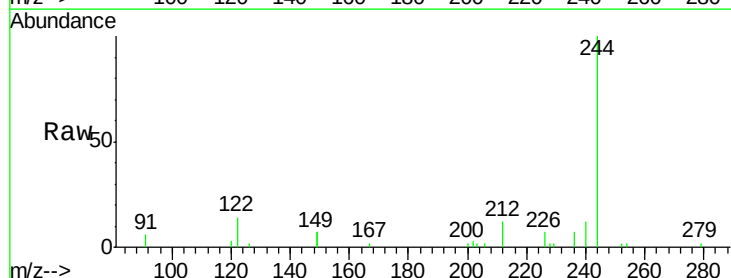
Tgt Ion:244 Resp: 4871

Ion Ratio Lower Upper

244 100

212 12.1 25.4 38.0#

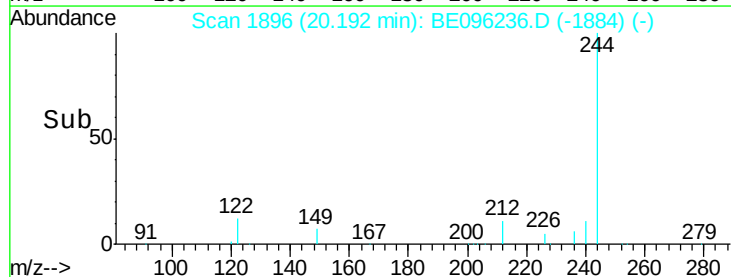
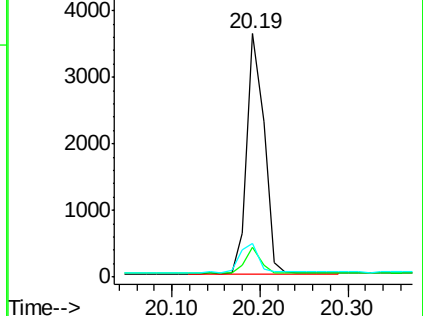
122 13.7 8.1 12.1#

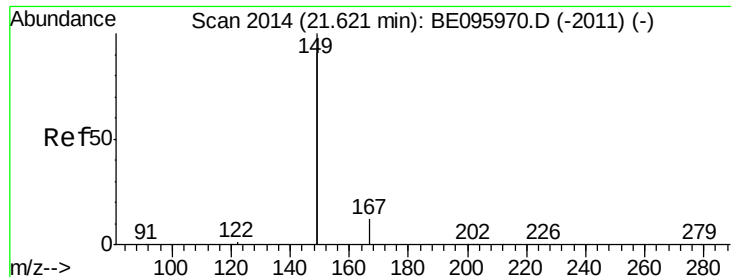


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

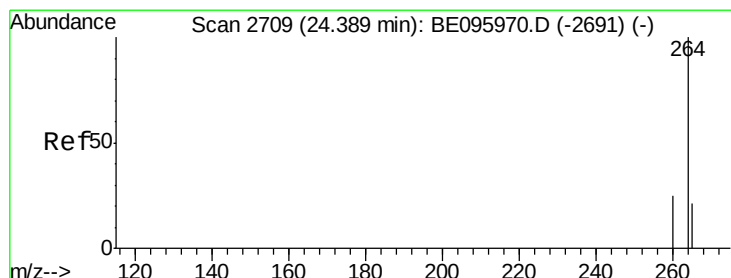
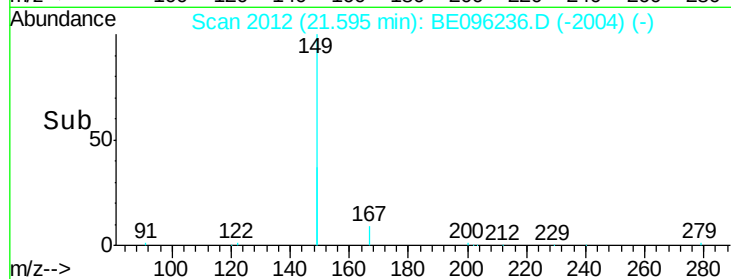
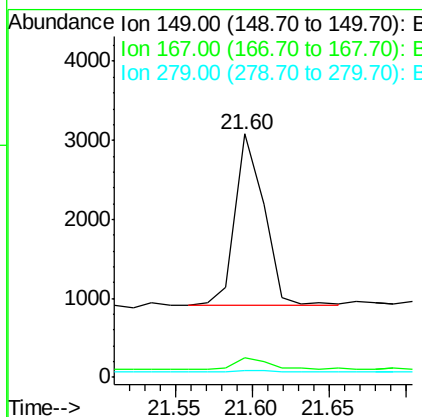
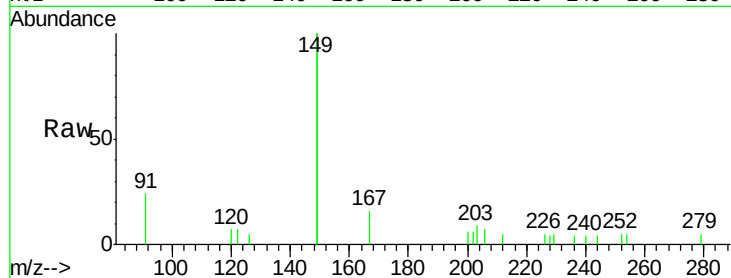




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.60 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BE096236.D
 Acq: 30 Apr 2018 23:46

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20180424

Tgt Ion:149 Resp: 2848
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.4 8.0
 279 1.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2699
 Delta R.T. 0.00 min
 Lab File: BE096236.D
 Acq: 30 Apr 2018 23:46

Tgt Ion:264 Resp: 3826
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.5 30.7
 265 37.2 22.8 34.2#

