

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096583.D
 Acq On : 15 May 2018 18:12
 Operator : SJ/JU
 Sample : PB108889BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 05:35:26 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

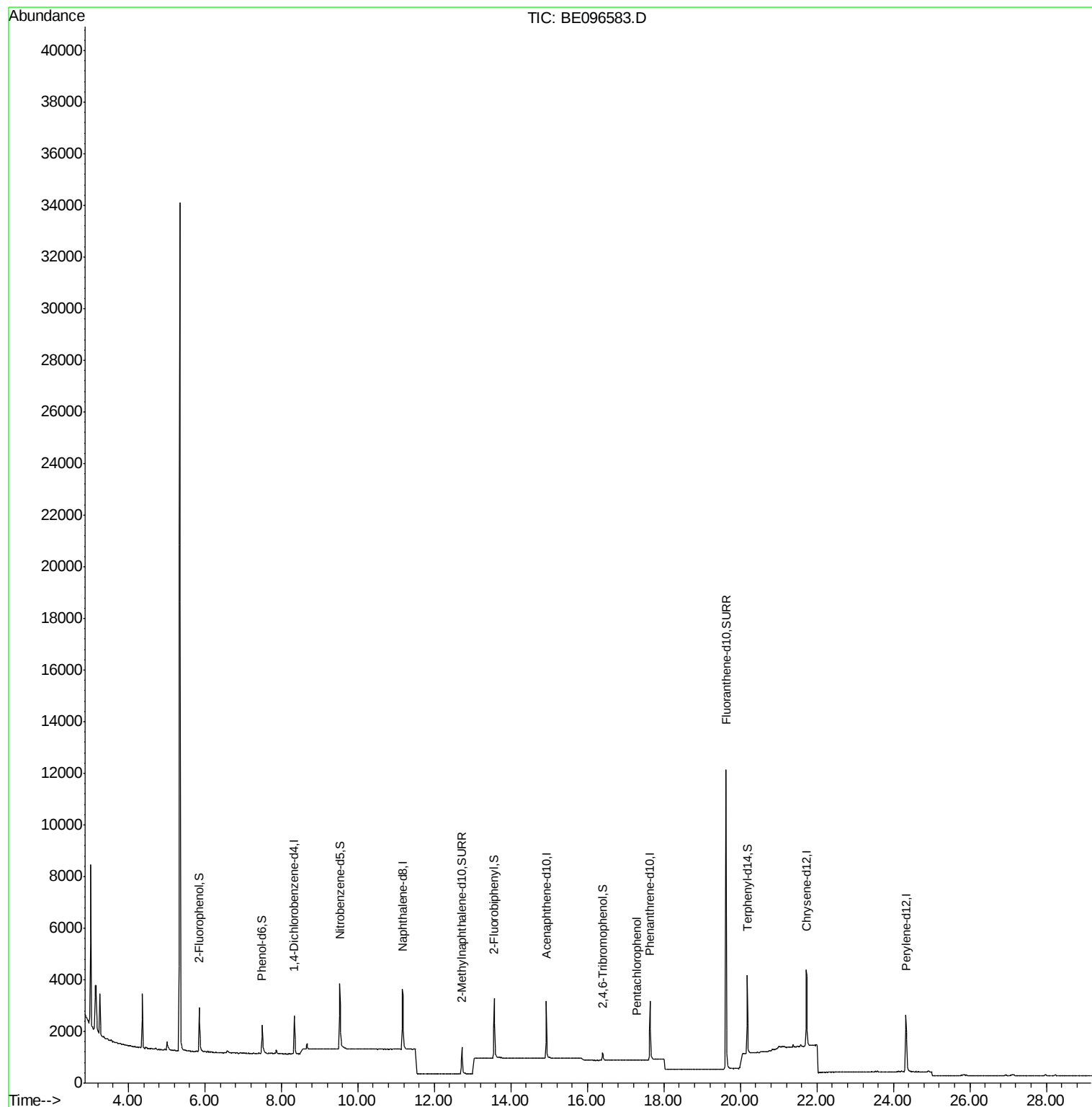
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	790	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2905	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1542	0.40	ng	0.01
19) Phenanthrene-d10	17.64	188	3349	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3626	0.40	ng	0.01
34) Perylene-d12	24.33	264	3607	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	875	0.40	ng	0.00
5) Phenol-d6	7.50	99	1105	0.36	ng	0.00
8) Nitrobenzene-d5	9.53	82	1140	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1578	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	209	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2376	0.36	ng	0.00
25) Fluoranthene-d10	19.62	212	15496	0.38	ng	0.00
29) Terphenyl-d14	20.18	244	2819	0.34	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.30	266	2	0.185	ng	Qvalue 93

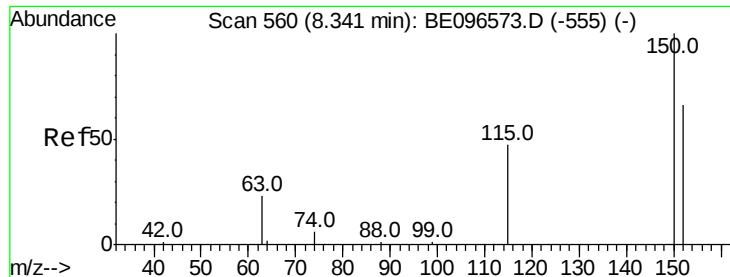
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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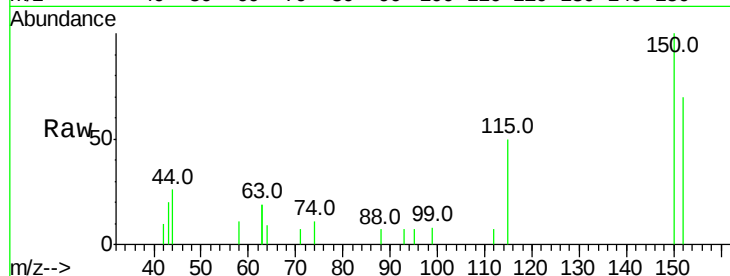


#1

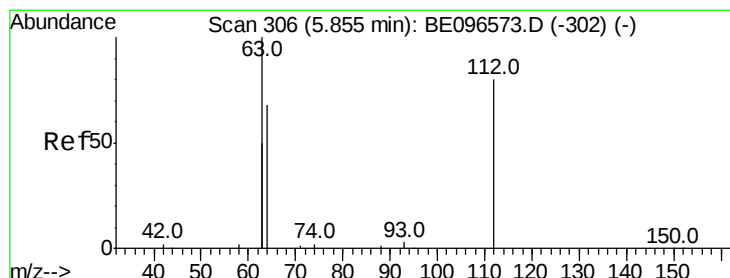
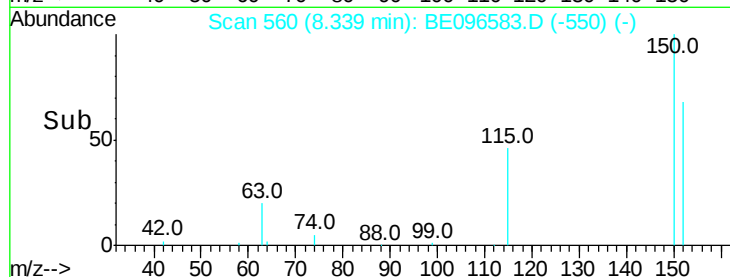
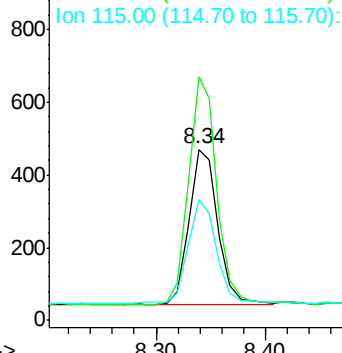
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096583.D
Acq: 15 May 2018 18:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 790
Ion Ratio Lower Upper
152 100
150 142.6 117.2 175.8
115 71.1 57.0 85.6



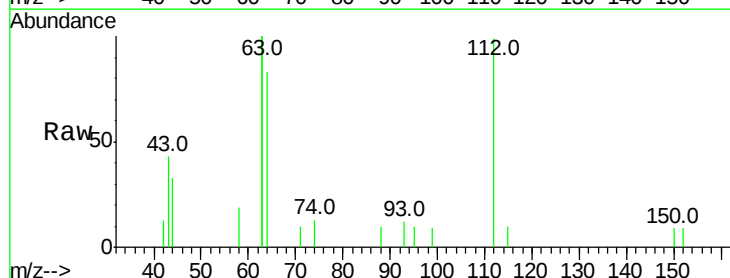
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



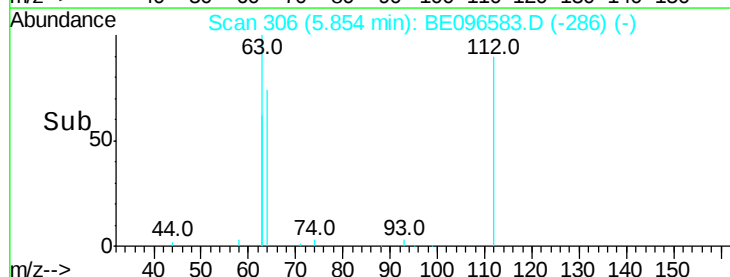
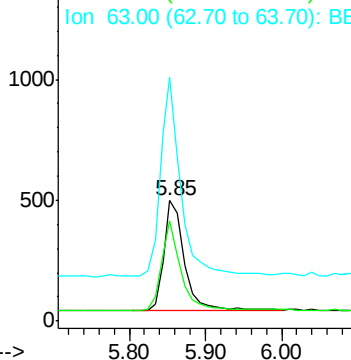
#4

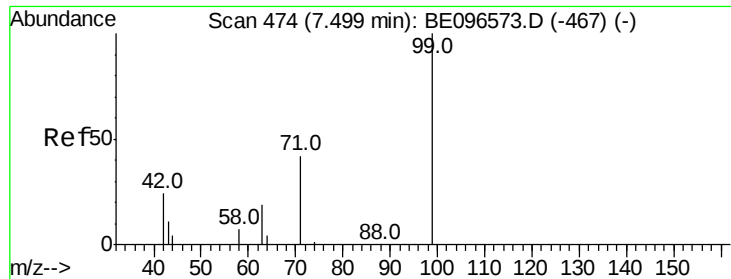
2-Fluorophenol
Concen: 0.402 ng
RT: 5.85 min Scan# 306
Delta R.T. -0.00 min
Lab File: BE096583.D
Acq: 15 May 2018 18:12

Tgt Ion:112 Resp: 875
Ion Ratio Lower Upper
112 100
64 76.2 60.1 90.1
63 170.4 116.8 175.2



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: 0.358 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

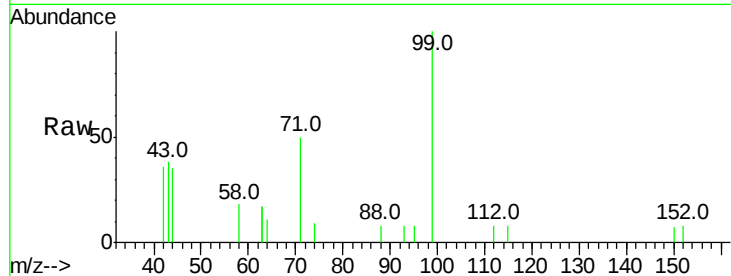
Tot Ion: 99 Resp: 1105

Ion Ratio Lower Upper

99 100

42 24.8 20.2 30.2

71 43.7 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

7.50

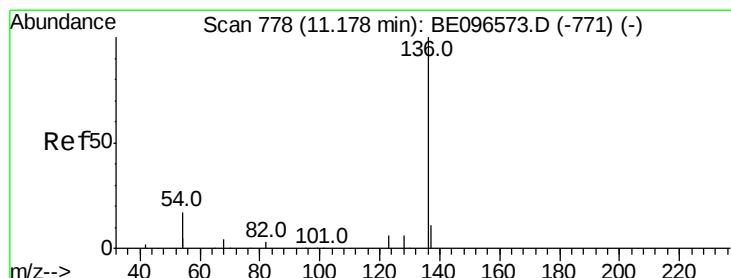
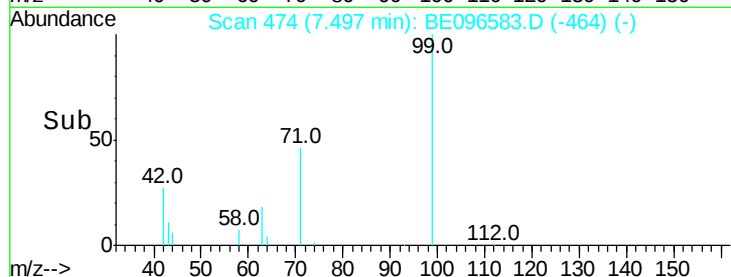
600

400

200

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Tgt Ion: 136 Resp: 2905

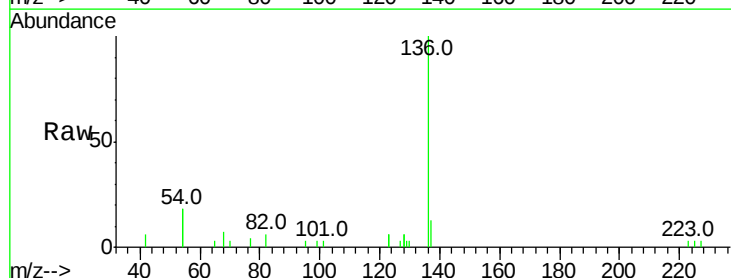
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 35.4 29.1 43.7

68 6.6 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

2000

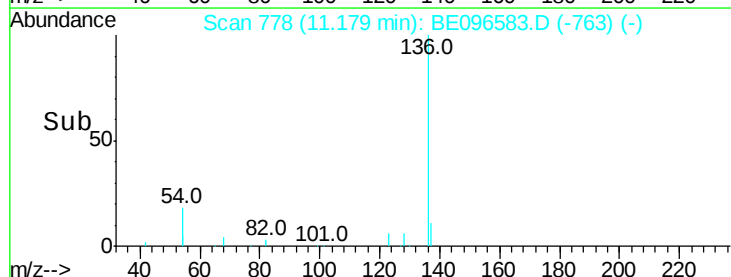
1500

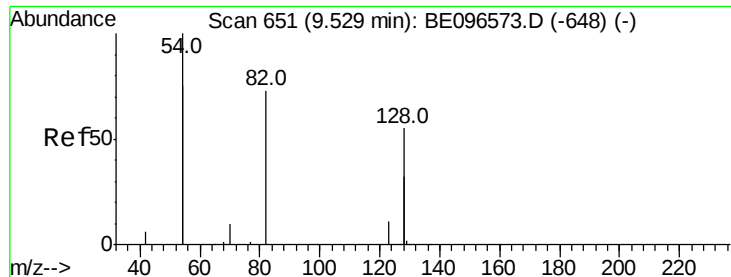
1000

500

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.369 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

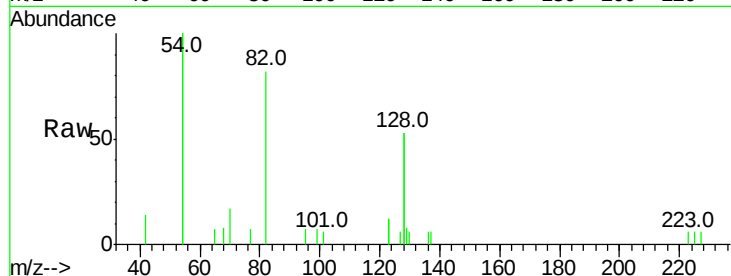
Tot Ion: 82 Resp: 1140

Ion Ratio Lower Upper

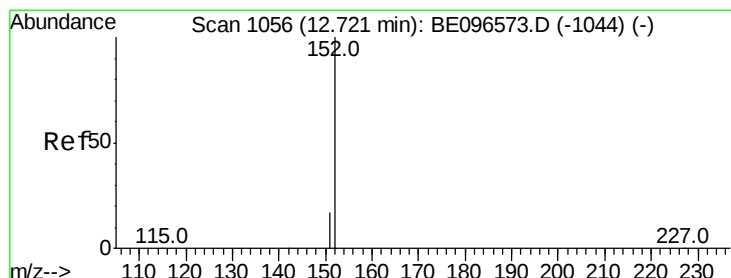
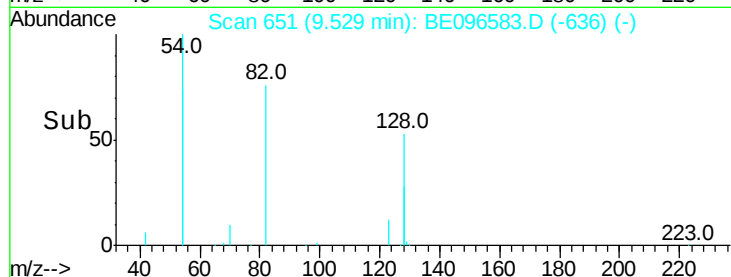
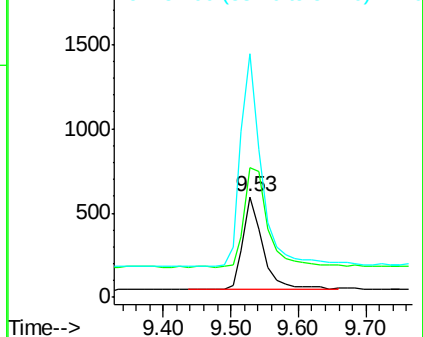
82 100

128 129.1 150.0 225.0#

54 242.7 154.2 231.4#



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: 0.333 ng

RT: 12.72 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BE096583.D

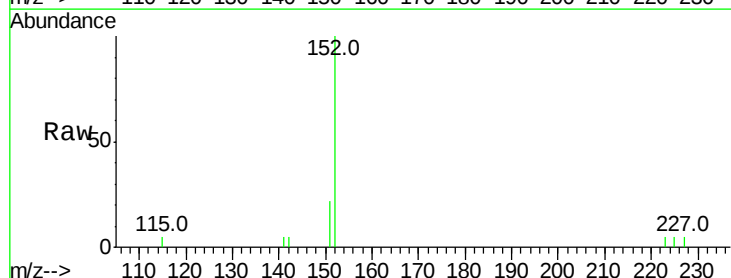
Acq: 15 May 2018 18:12

Tgt Ion: 152 Resp: 1578

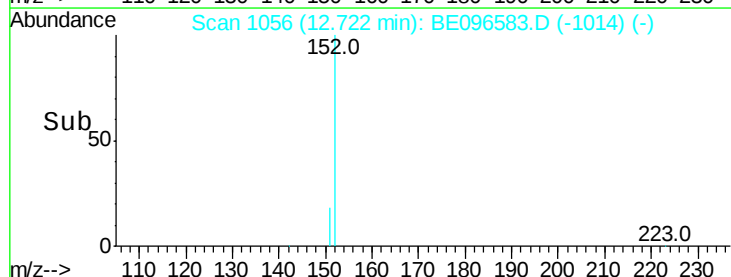
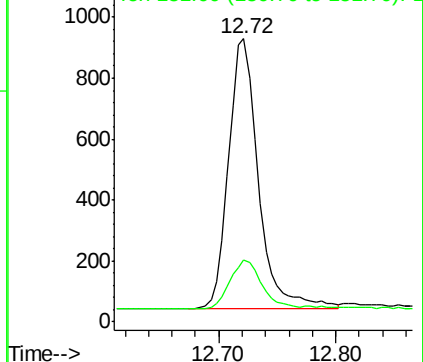
Ion Ratio Lower Upper

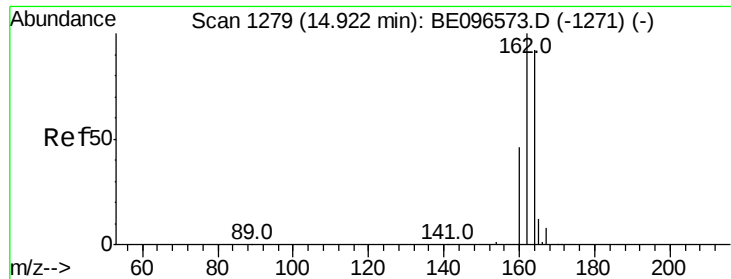
152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

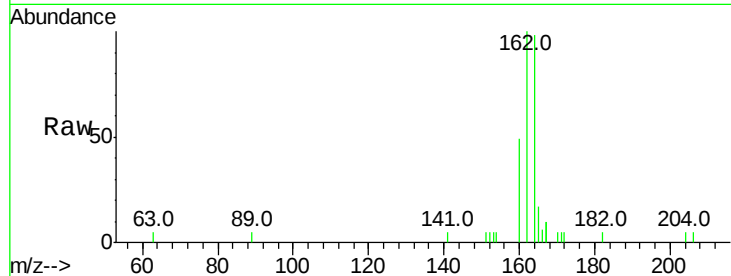




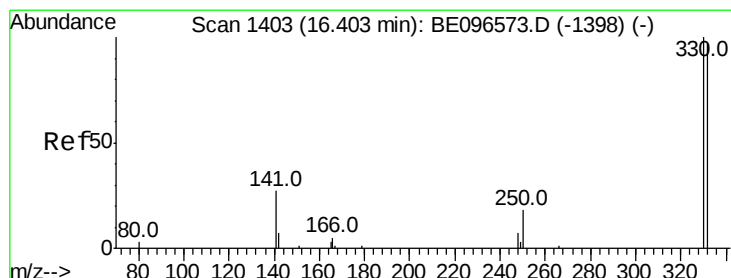
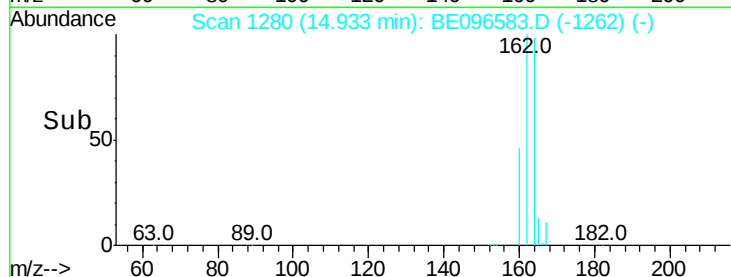
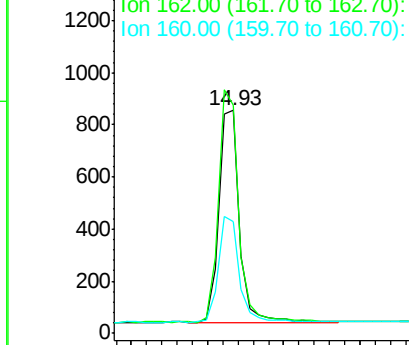
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.93 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BE096583.D
 Acq: 15 May 2018 18:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1542
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.1 124.7
 160 49.9 37.1 55.7

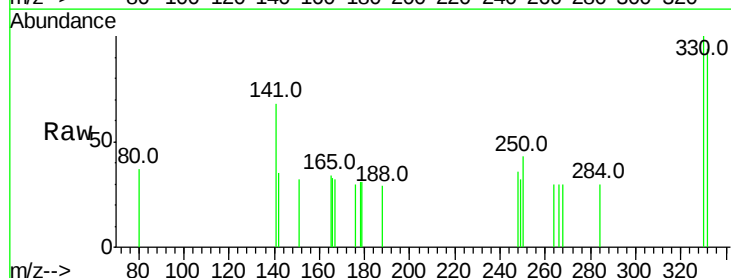


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

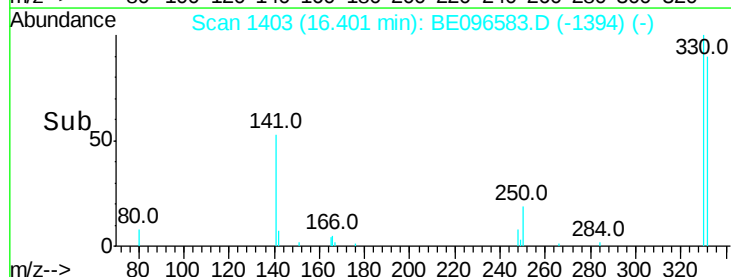
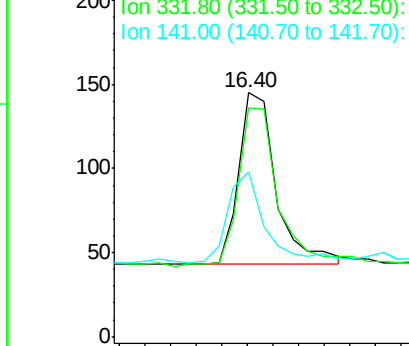


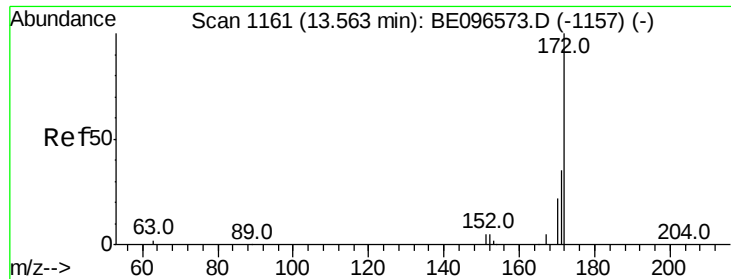
#14
 2,4,6-Tribromophenol
 Concen: 0.343 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BE096583.D
 Acq: 15 May 2018 18:12

Tgt Ion:330 Resp: 209
 Ion Ratio Lower Upper
 330 100
 332 95.2 152.7 229.1#
 141 52.6 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

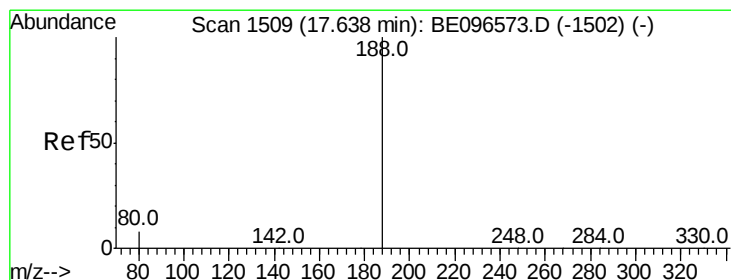
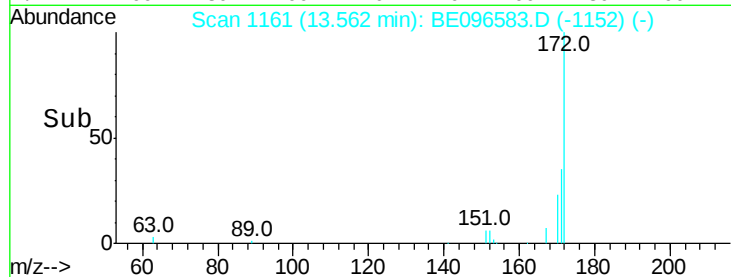
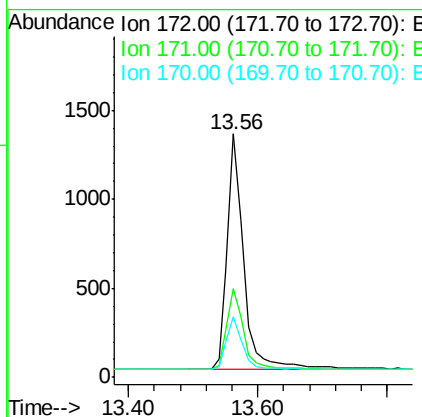
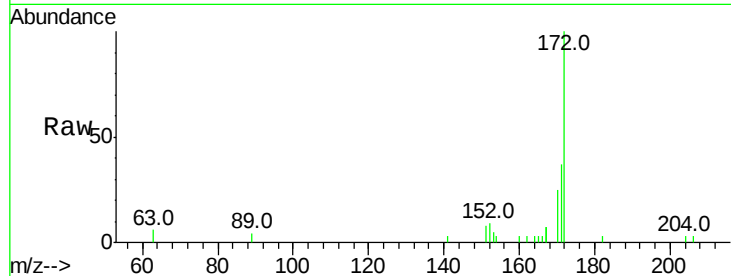




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096583.D
Acq: 15 May 2018 18:12

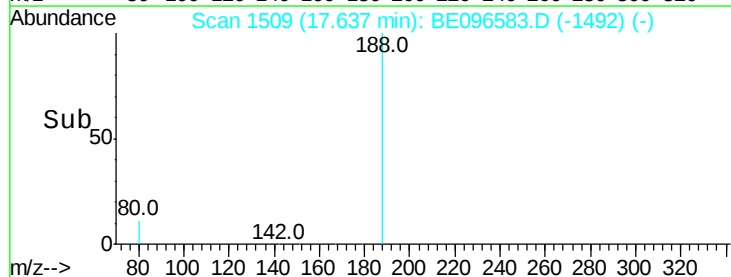
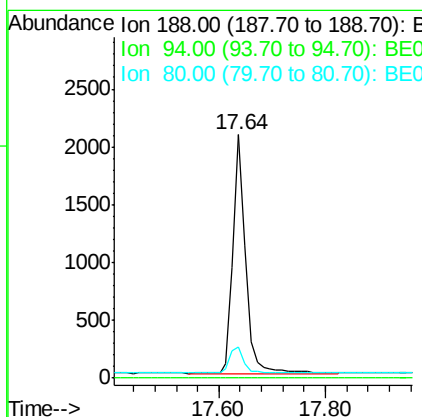
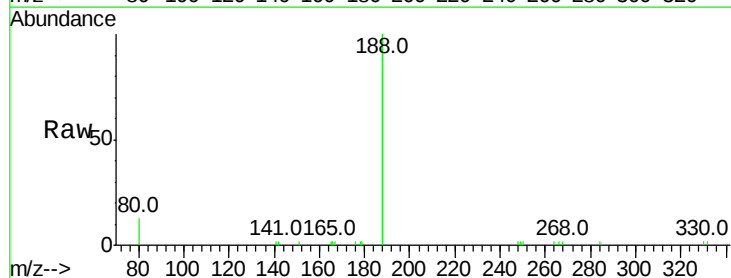
Instrument :
BNA_E
ClientSampleId :

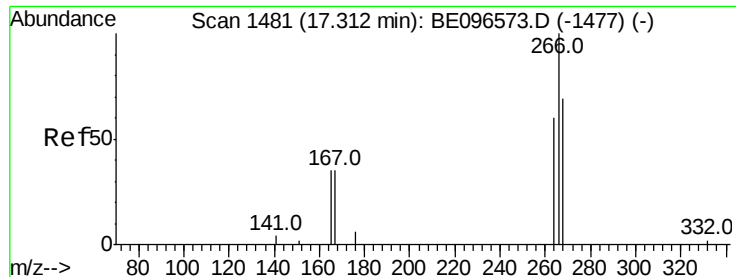
Tot Ion:172 Resp: 2376
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.1 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096583.D
Acq: 15 May 2018 18:12

Tgt Ion:188 Resp: 3349
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.8 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.185 ng

RT: 17.30 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE096583.D

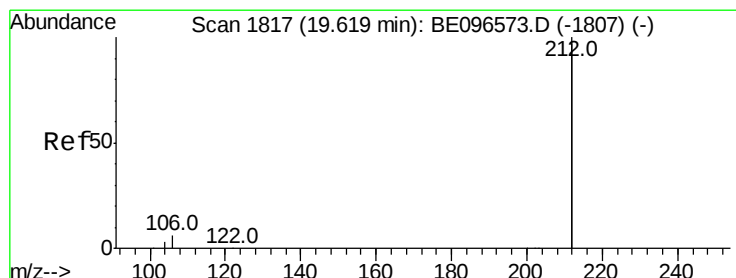
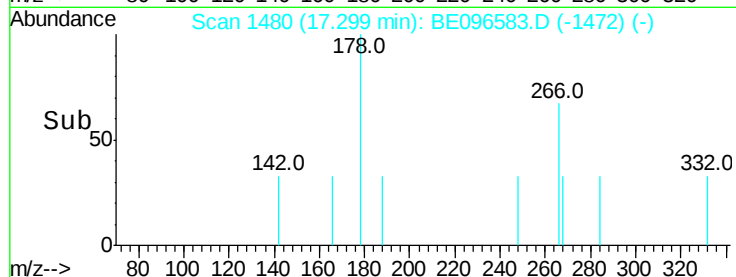
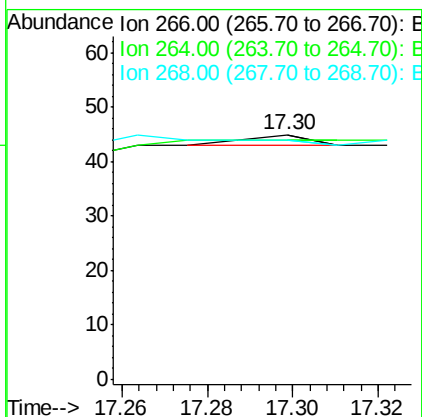
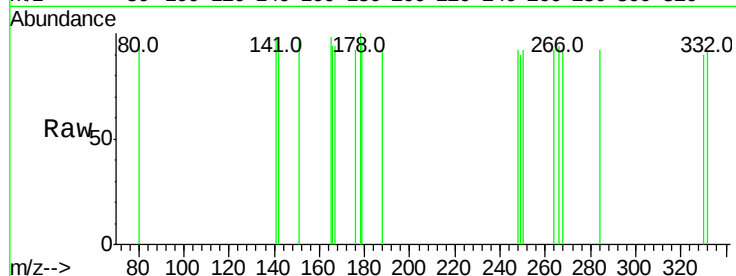
Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:266	Resp:	2
Ion	Ratio	Lower Upper
266	100	
264	97.8	72.5 108.7
268	97.8	73.8 110.6



#25

Fluoranthene-d10

Concen: 0.378 ng

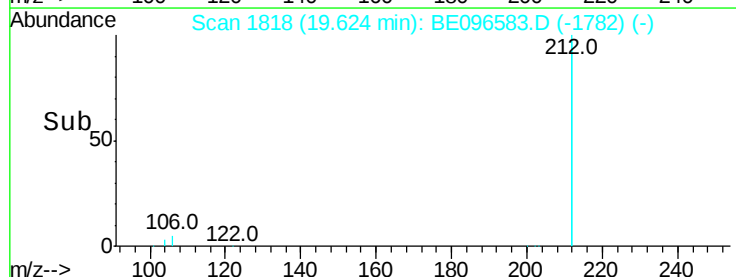
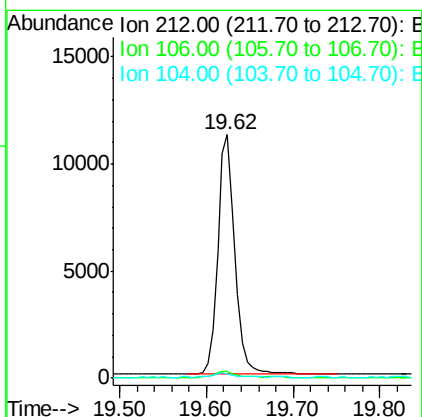
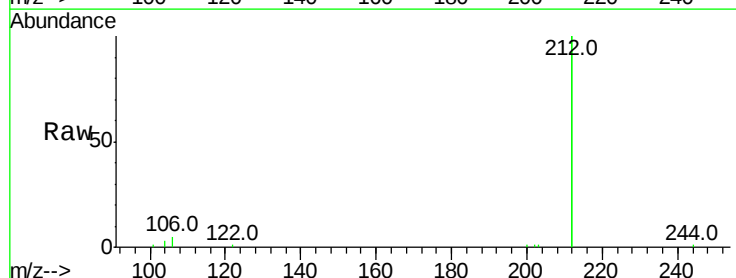
RT: 19.62 min Scan# 1818

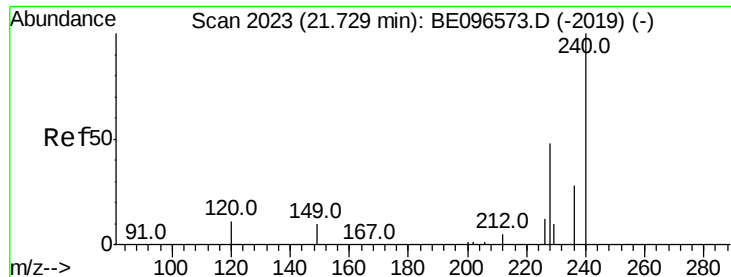
Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Tgt Ion:212	Resp:	15496
Ion	Ratio	Lower Upper
212	100	
106	2.7	2.8 4.2#
104	1.6	1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

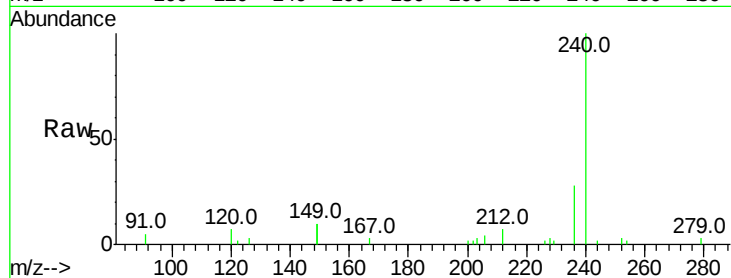
Tot Ion:240 Resp: 3626

Ion Ratio Lower Upper

240 100

120 6.7 5.5 8.3

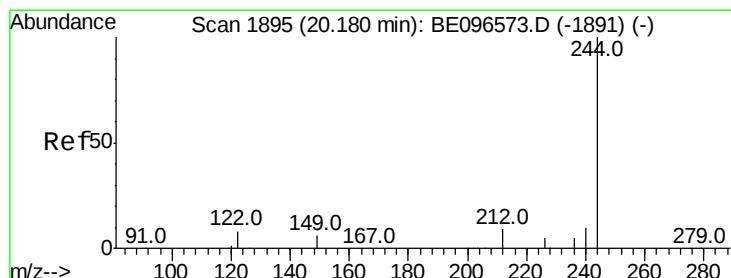
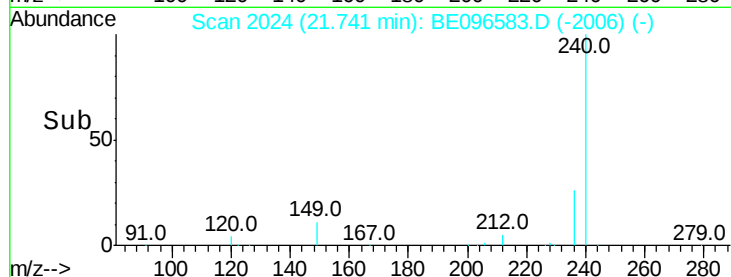
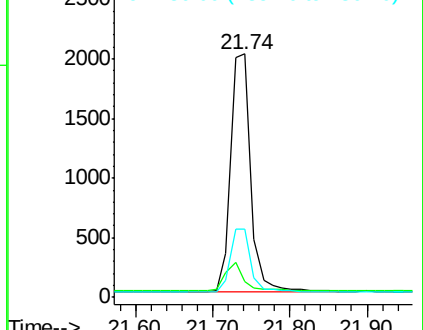
236 27.8 20.7 31.1



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: 0.344 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

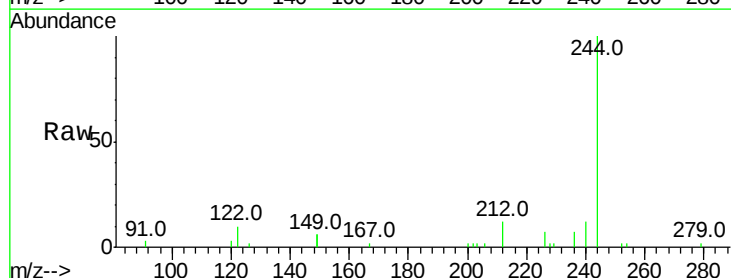
Tgt Ion:244 Resp: 2819

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

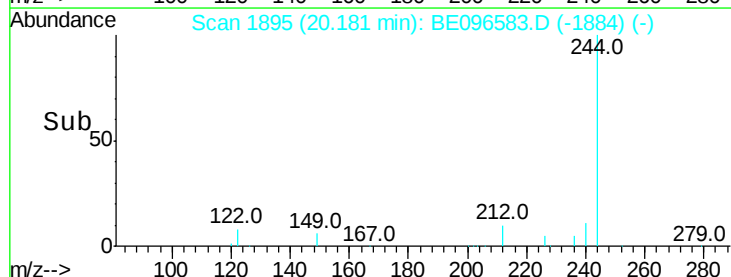
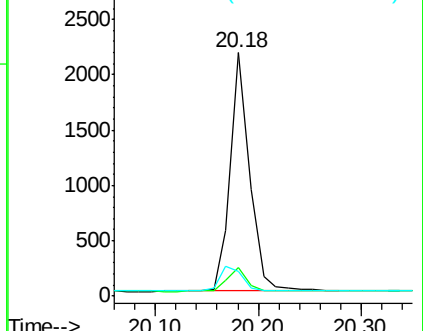
122 10.1 8.1 12.1

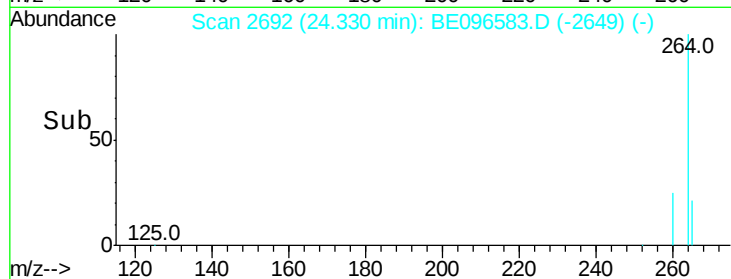
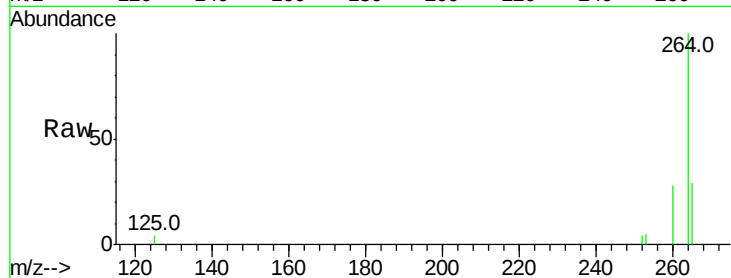
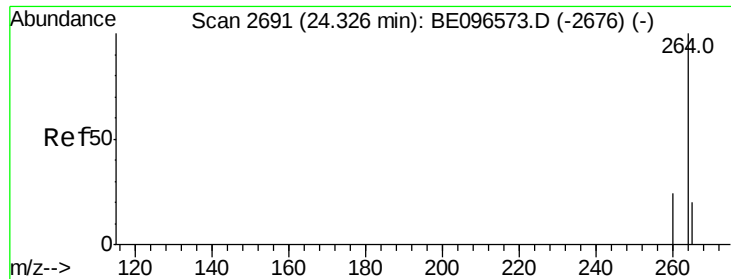


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096583.D

Acq: 15 May 2018 18:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3607

Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

265 29.1 22.8 34.2

