

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096582.D
 Acq On : 15 May 2018 17:37
 Operator : SJ/JU
 Sample : PB108852BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 05:34:52 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

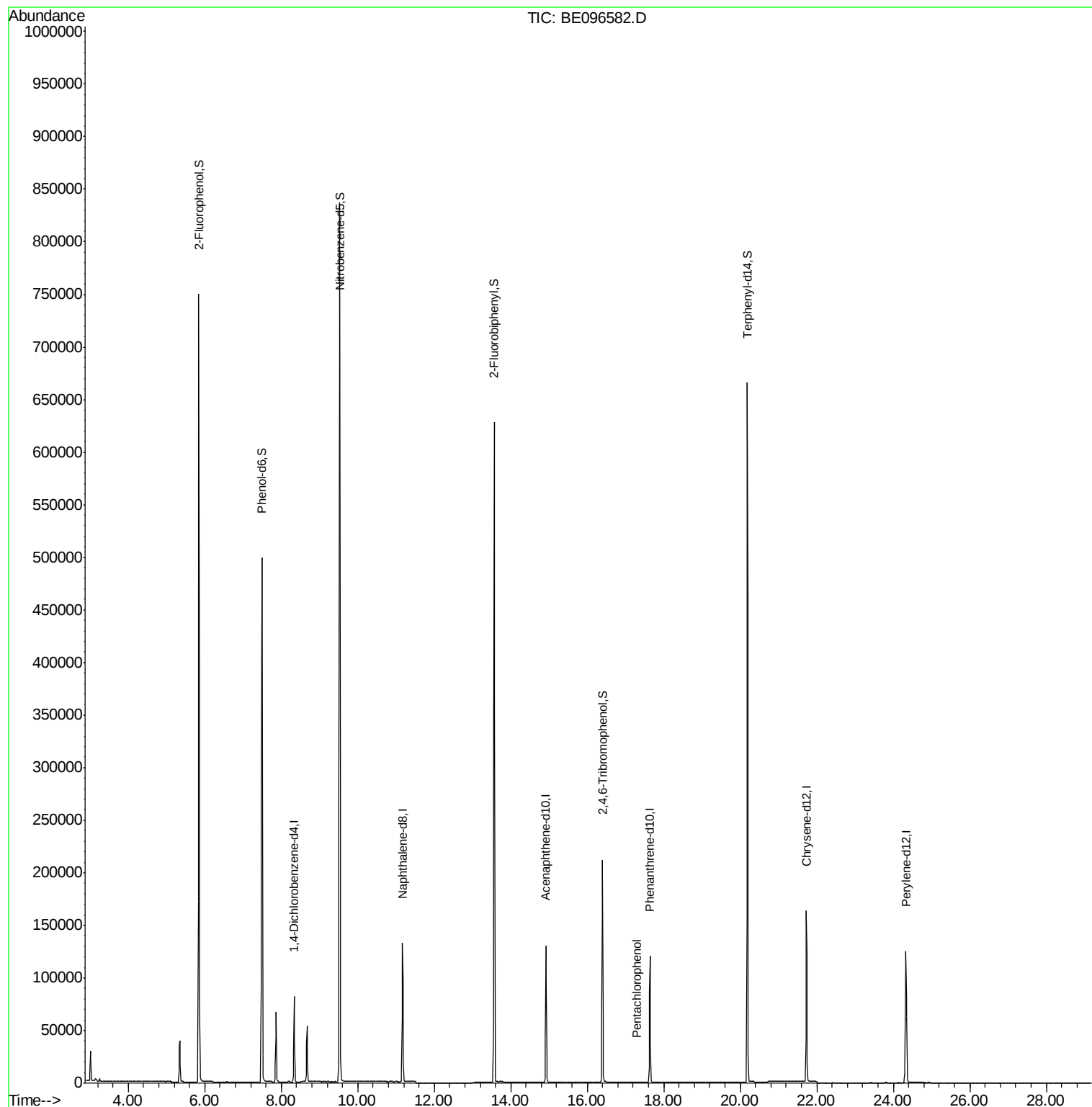
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40938	0.40	ng	0.00
7) Naphthalene-d8	11.17	136	143482	0.40	ng	-0.01
13) Acenaphthene-d10	14.92	164	75450	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	161433	0.40	ng	0.00
27) Chrysene-d12	21.73	240	173425	0.40	ng	0.00
34) Perylene-d12	24.33	264	182997	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	317352	2.81	ng	0.00
5) Phenol-d6	7.50	99	445403	2.79	ng	0.00
8) Nitrobenzene-d5	9.53	82	314186	2.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	19	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	111582	3.74	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	536608	1.66	ng	0.00
25) Fluoranthene-d10	19.63	212	21	0.00	ng	0.01
29) Terphenyl-d14	20.18	244	664226	1.69	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.29	266	24	0.183	ng	Qvalue 93

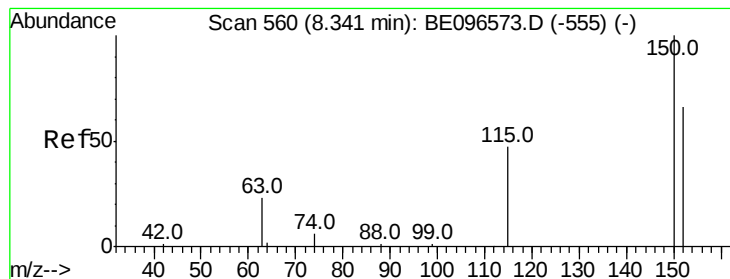
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
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QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.34 min Scan# 560

Delta R.T. 0.00 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

Instrument :

BNA_E

ClientSampleId :

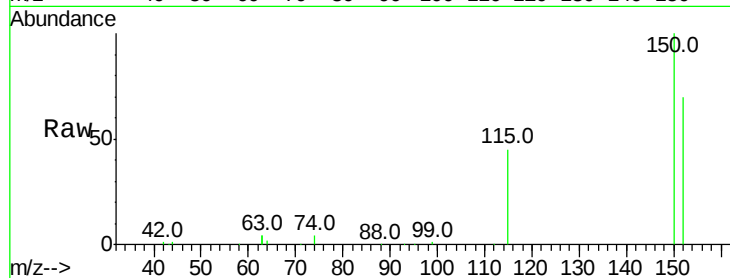
Tot Ion:152 Resp: 40938

Ion Ratio Lower Upper

152 100

150 143.7 117.2 175.8

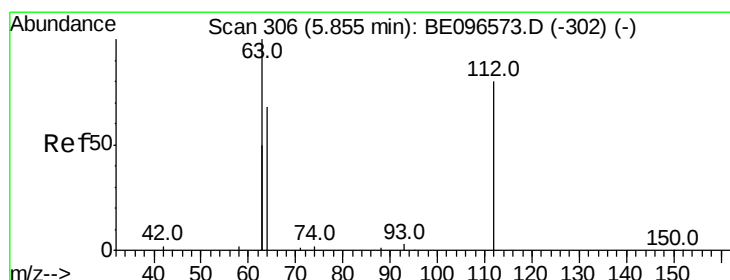
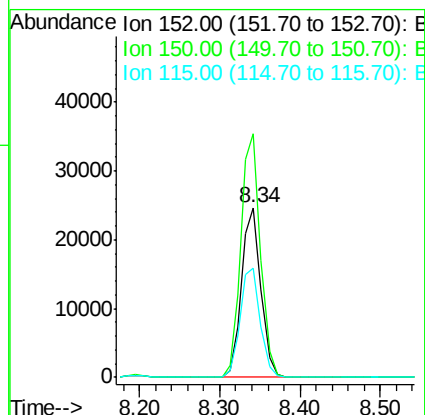
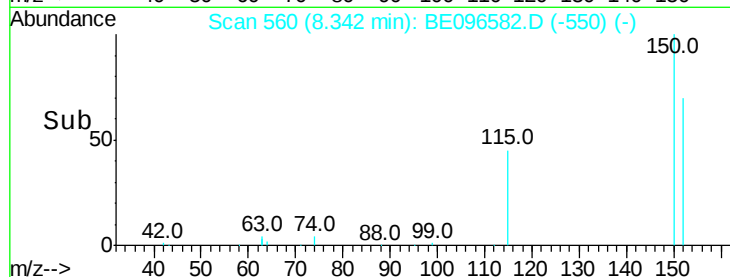
115 64.8 57.0 85.6



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: 2.811 ng

RT: 5.85 min Scan# 305

Delta R.T. -0.01 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

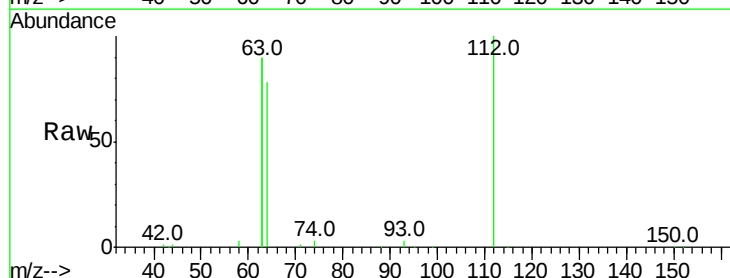
Tgt Ion:112 Resp: 317352

Ion Ratio Lower Upper

112 100

64 76.9 60.1 90.1

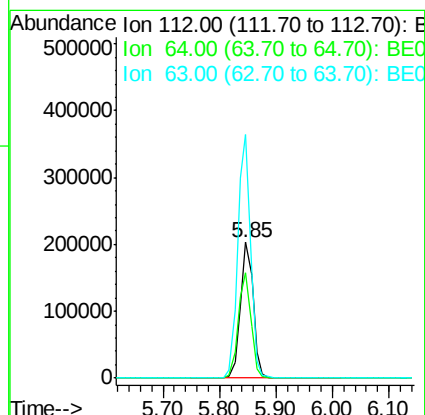
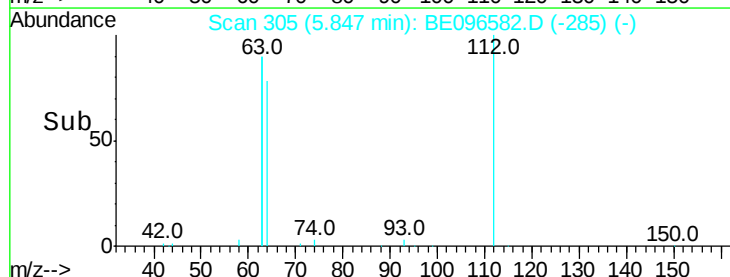
63 179.9 116.8 175.2#

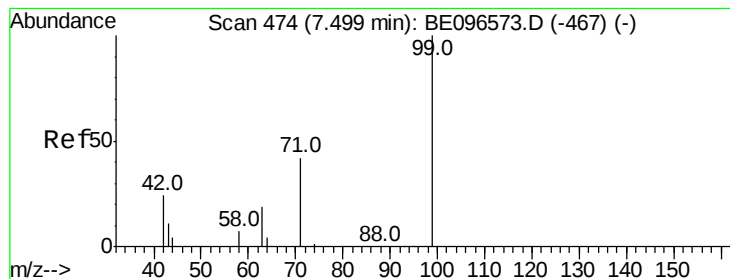


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.788 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

Instrument :

BNA_E

ClientSampleId :

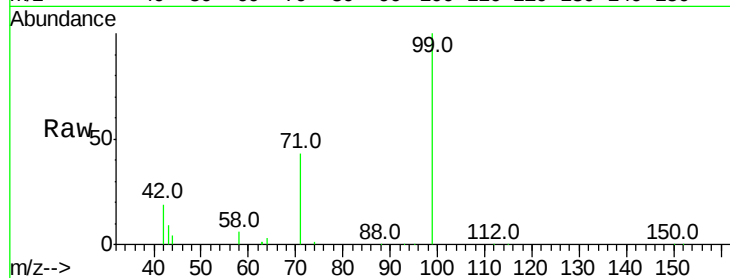
Tot Ion: 99 Resp: 445403

Ion Ratio Lower Upper

99 100

42 28.1 20.2 30.2

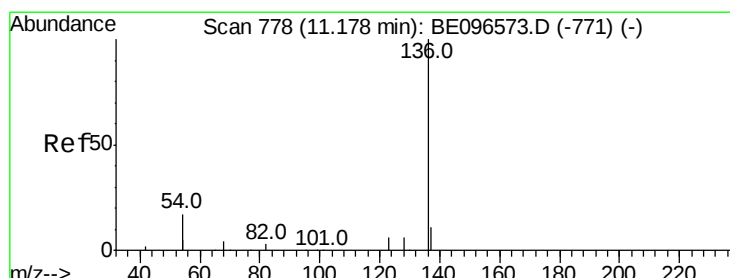
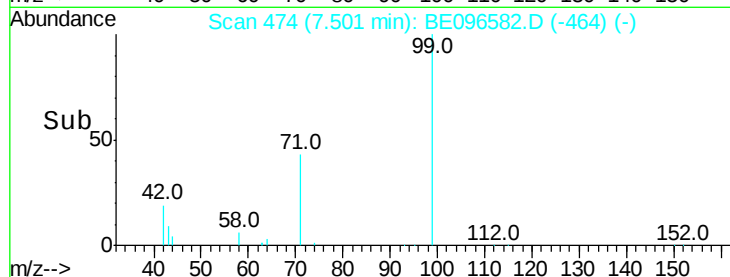
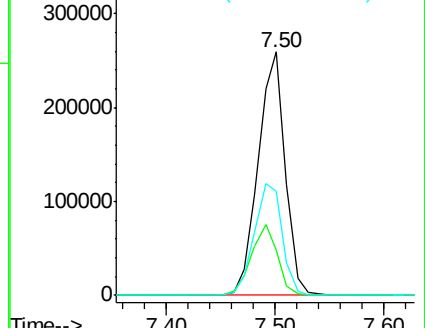
71 47.6 28.4 42.6#



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: 11.17 min Scan# 777

Delta R.T. -0.01 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

Tgt Ion: 136 Resp: 143482

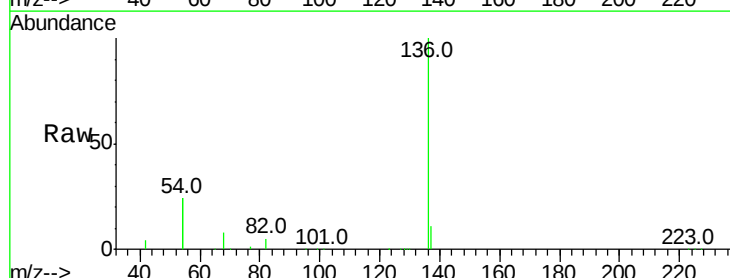
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 48.4 29.1 43.7#

68 7.6 6.2 9.2

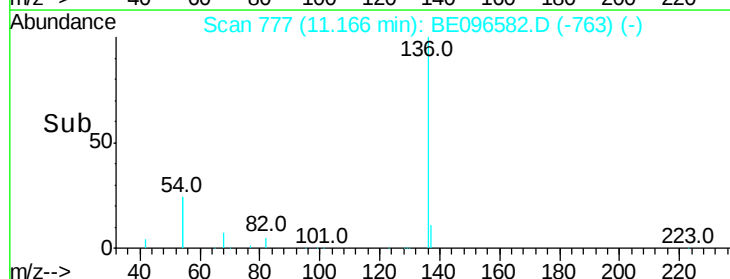
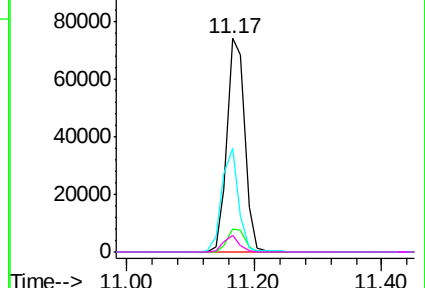


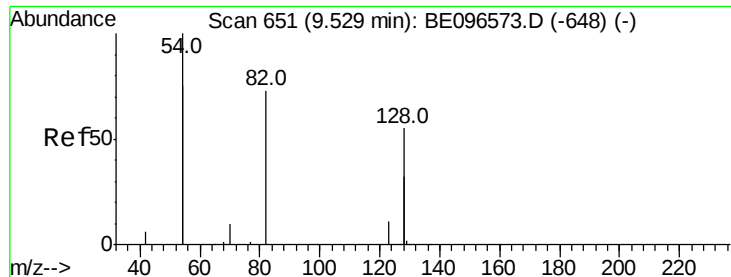
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 2.058 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

Instrument :

BNA_E

ClientSampleId :

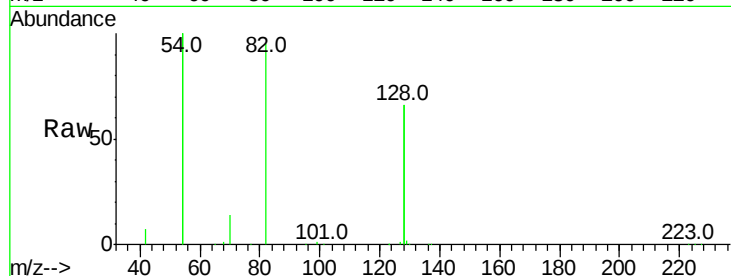
Tot Ion: 82 Resp: 314186

Ion Ratio Lower Upper

82 100

128 139.3 150.0 225.0#

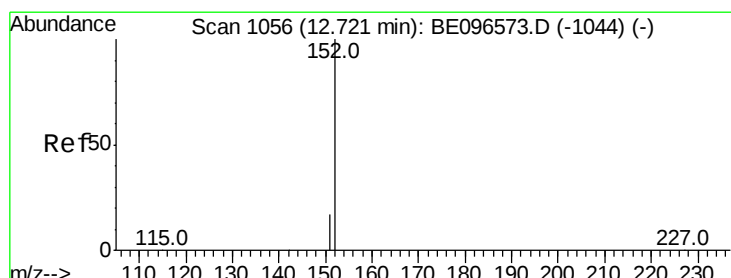
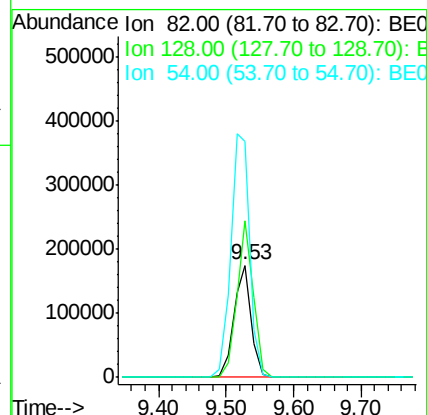
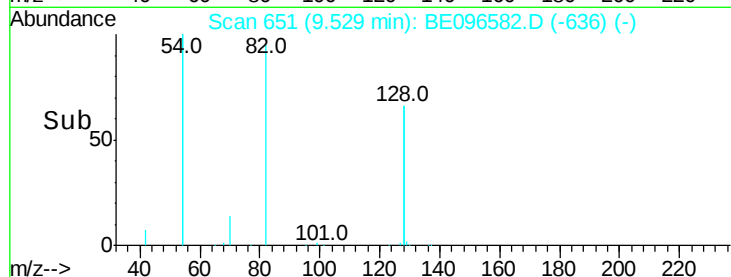
54 210.2 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE096582.D (-636) (-)

Ion 128.00 (127.70 to 128.70): BE096582.D (-636) (-)

Ion 54.00 (53.70 to 54.70): BE096582.D (-636) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.73 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE096582.D

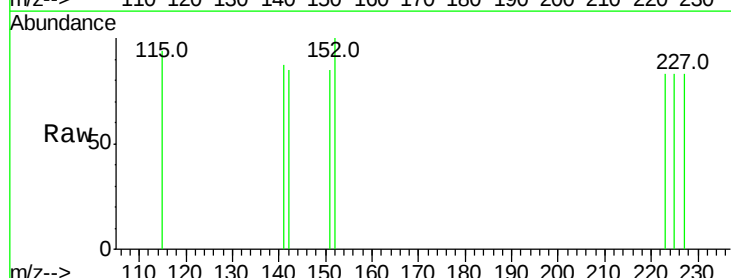
Acq: 15 May 2018 17:37

Tgt Ion: 152 Resp: 19

Ion Ratio Lower Upper

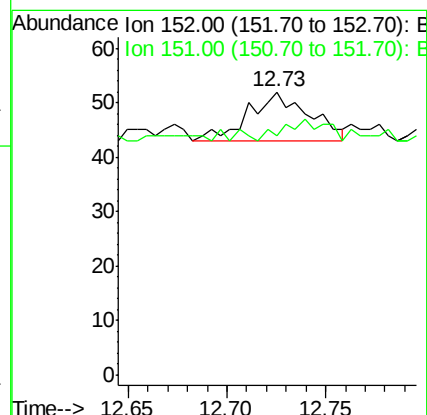
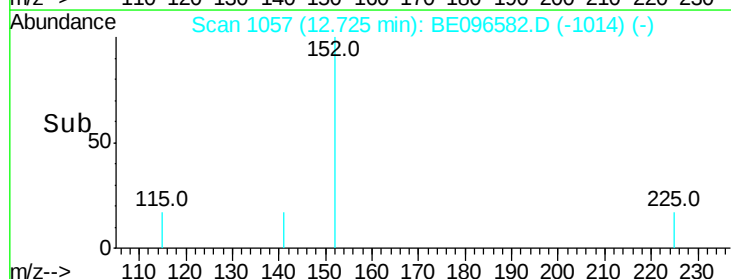
152 100

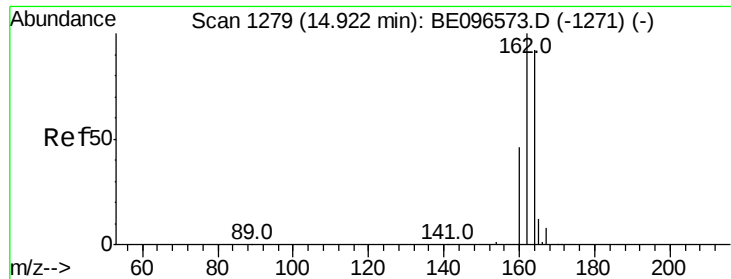
151 31.6 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): BE096582.D (-1014) (-)

Ion 151.00 (150.70 to 151.70): BE096582.D (-1014) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.92 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

Instrument :

BNA_E

ClientSampleId :

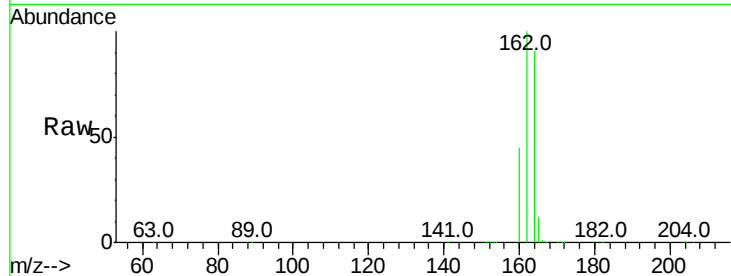
Tot Ion:164 Resp: 75450

Ion Ratio Lower Upper

164 100

162 110.4 83.1 124.7

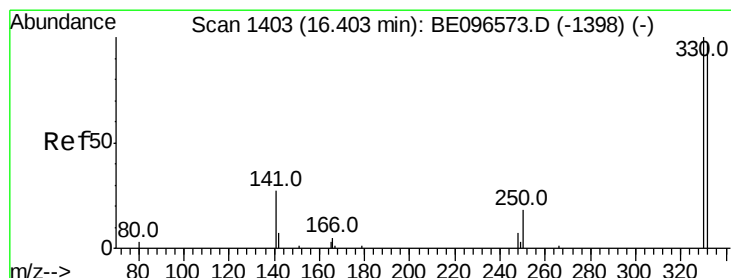
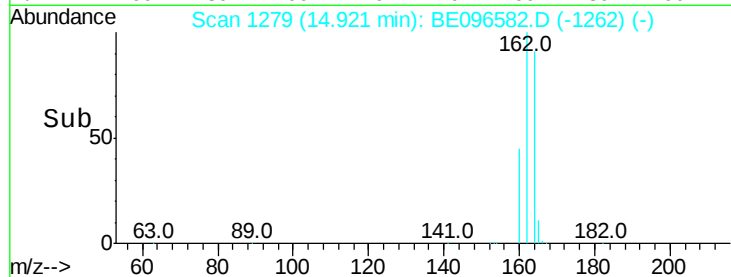
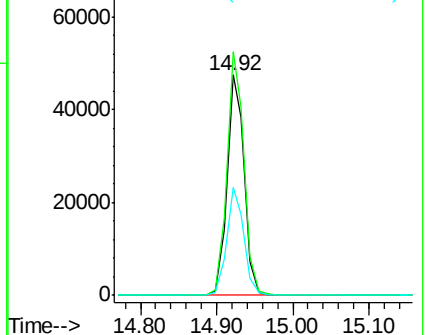
160 49.2 37.1 55.7



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: 3.741 ng

RT: 16.40 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

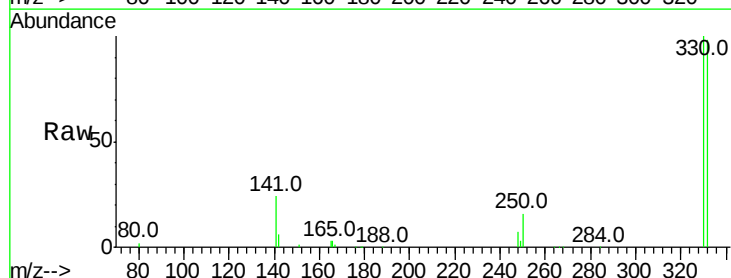
Tgt Ion:330 Resp: 111582

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

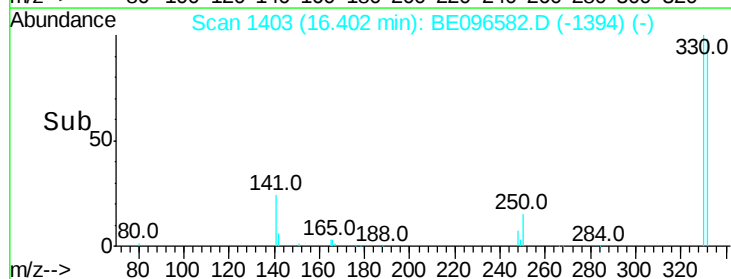
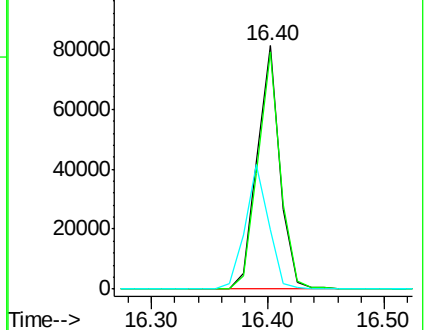
141 52.3 33.7 50.5#

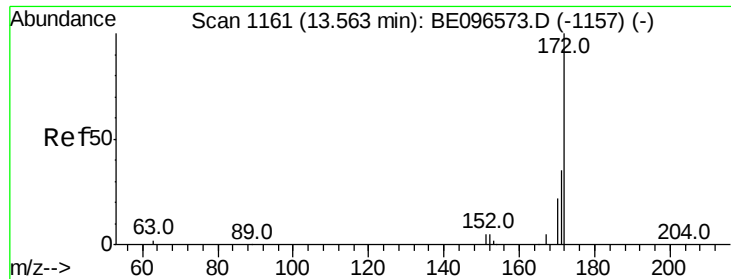


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

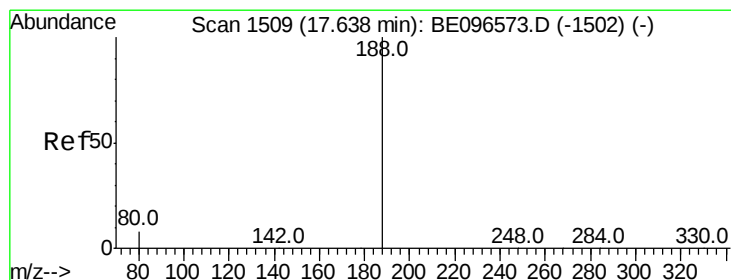
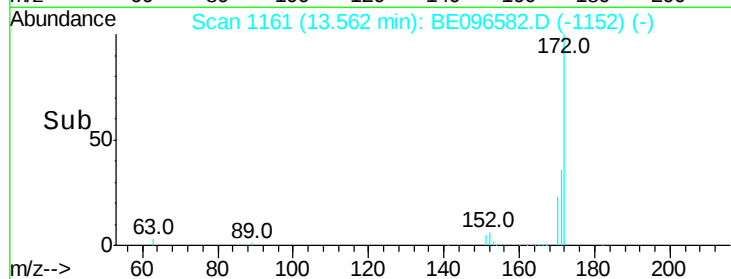
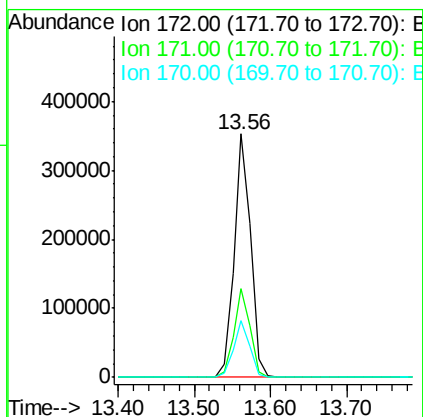
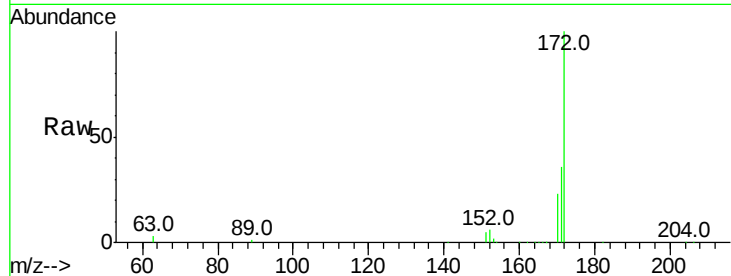




#15
2-Fluorobiphenyl
Concen: 1.657 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096582.D
Acq: 15 May 2018 17:37

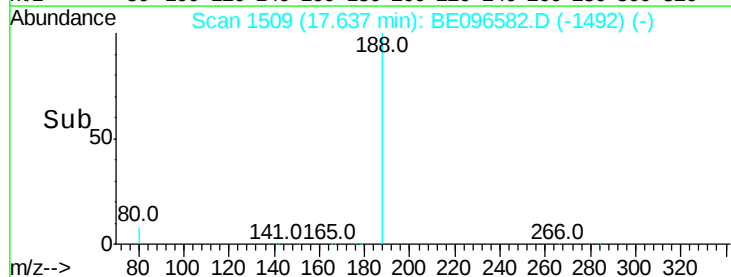
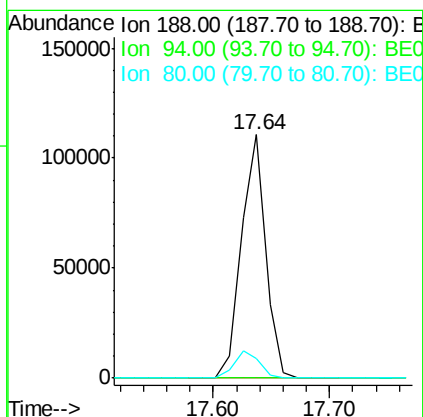
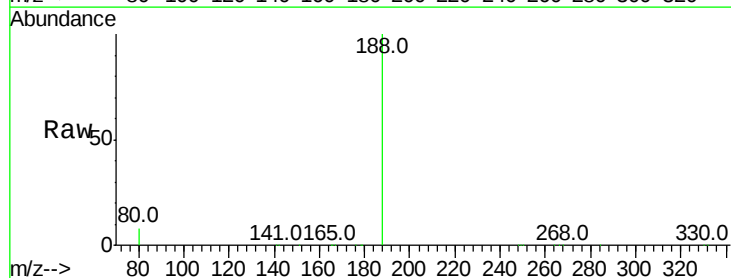
Instrument :
BNA_E
ClientSampleId :

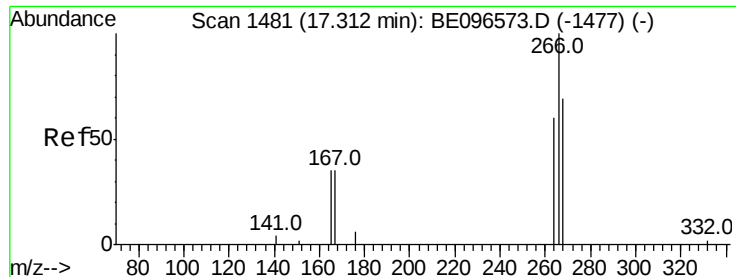
Tot Ion:172 Resp: 536608
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096582.D
Acq: 15 May 2018 17:37

Tgt Ion:188 Resp: 161433
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 8.1 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.183 ng

RT: 17.29 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

Instrument :

BNA_E

ClientSampleId :

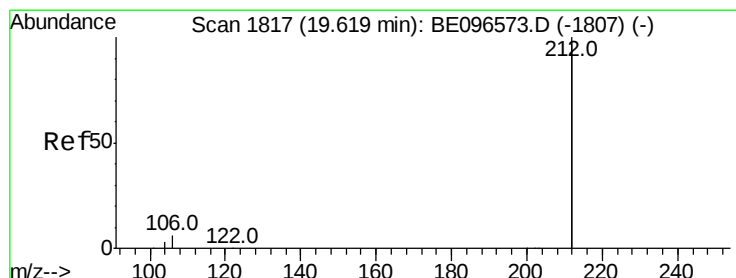
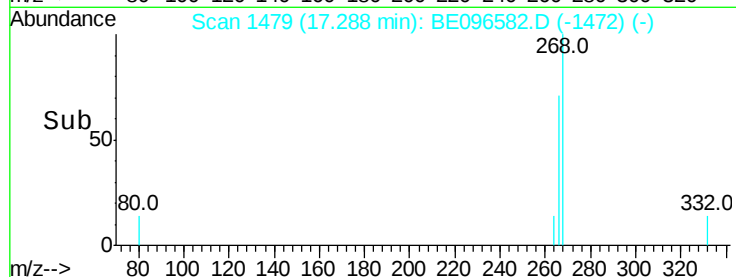
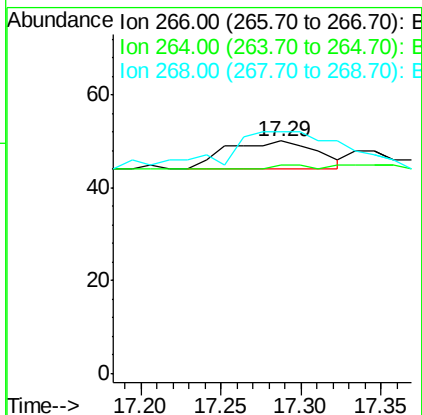
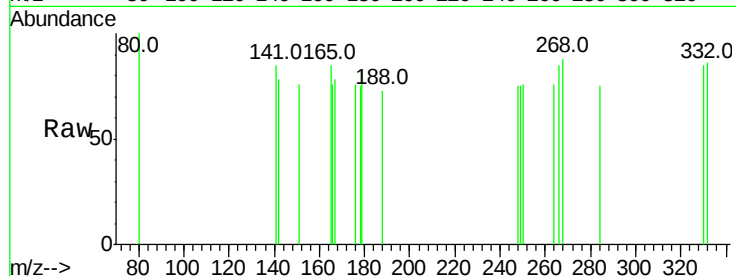
Tot Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 90.0 72.5 108.7

268 104.0 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.63 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

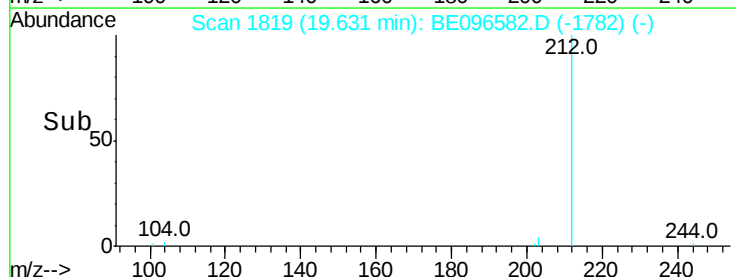
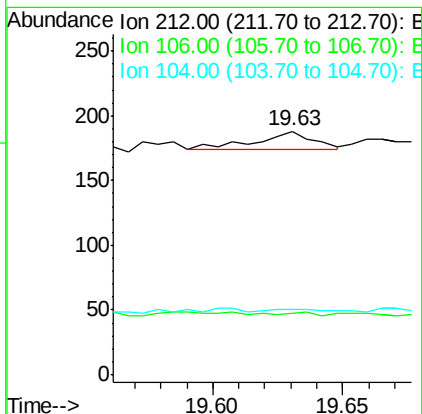
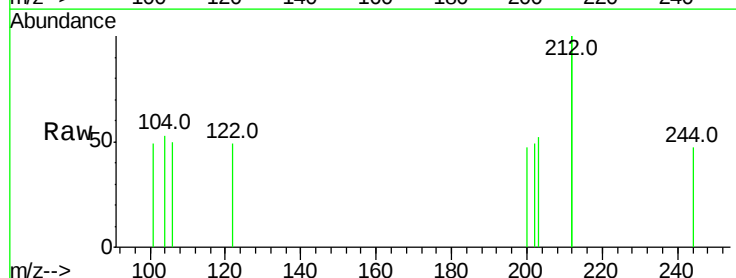
Tgt Ion:212 Resp: 21

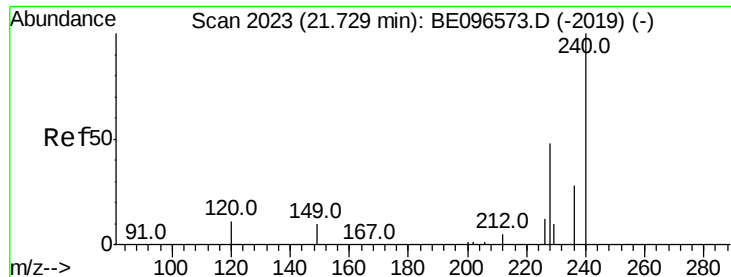
Ion Ratio Lower Upper

212 100

106 9.5 2.8 4.2#

104 14.3 1.6 2.4#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

Instrument :

BNA_E

ClientSampled :

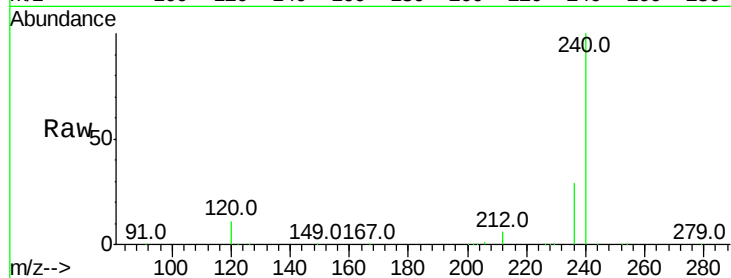
Tot Ion:240 Resp: 173425

Ion Ratio Lower Upper

240 100

120 10.8 5.5 8.3#

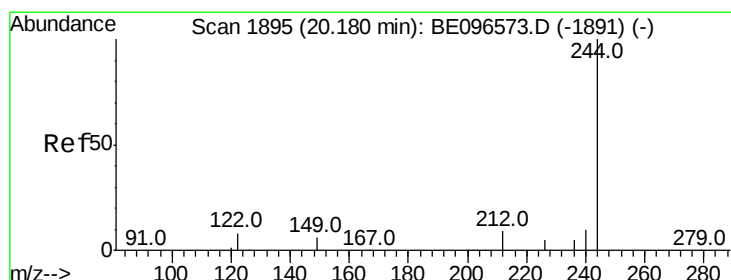
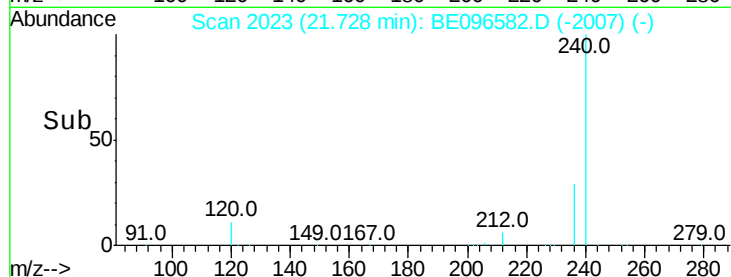
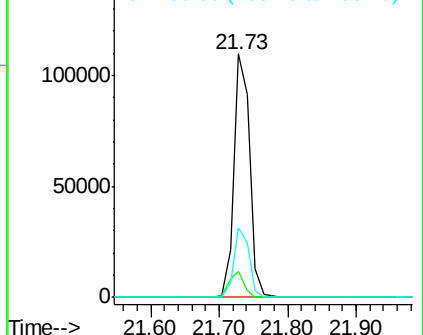
236 28.6 20.7 31.1



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: 1.693 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096582.D

Acq: 15 May 2018 17:37

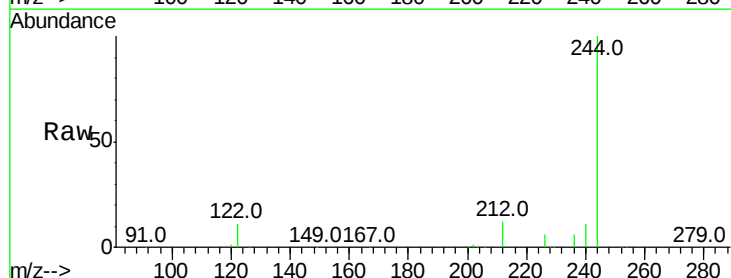
Tgt Ion:244 Resp: 664226

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

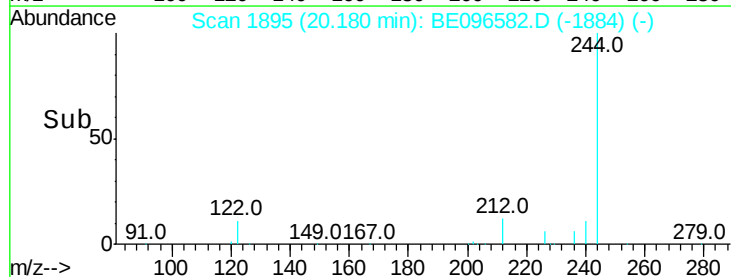
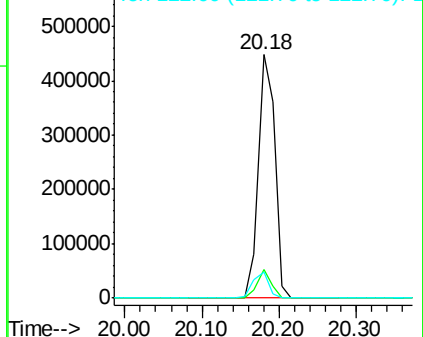
122 10.9 8.1 12.1

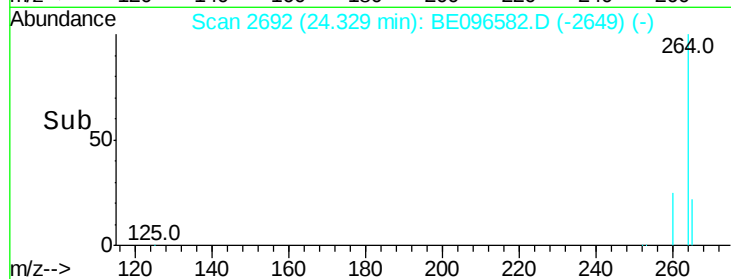
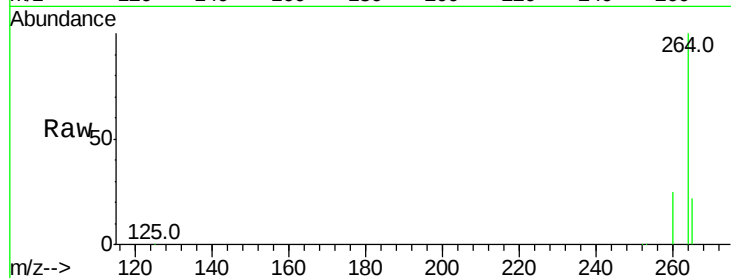
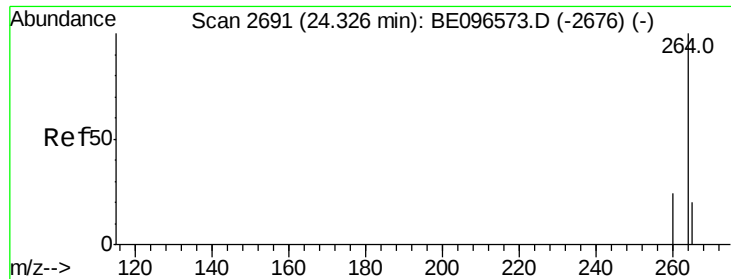


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE096582.D

Acq: 15 May 2018 17:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 182997

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 21.6 22.8 34.2#

