

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093916.D
 Acq On : 1 Sep 2017 23:46
 Operator : SJ/JU
 Sample : I4963-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3836-FB

Quant Time: Sep 02 01:22:15 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

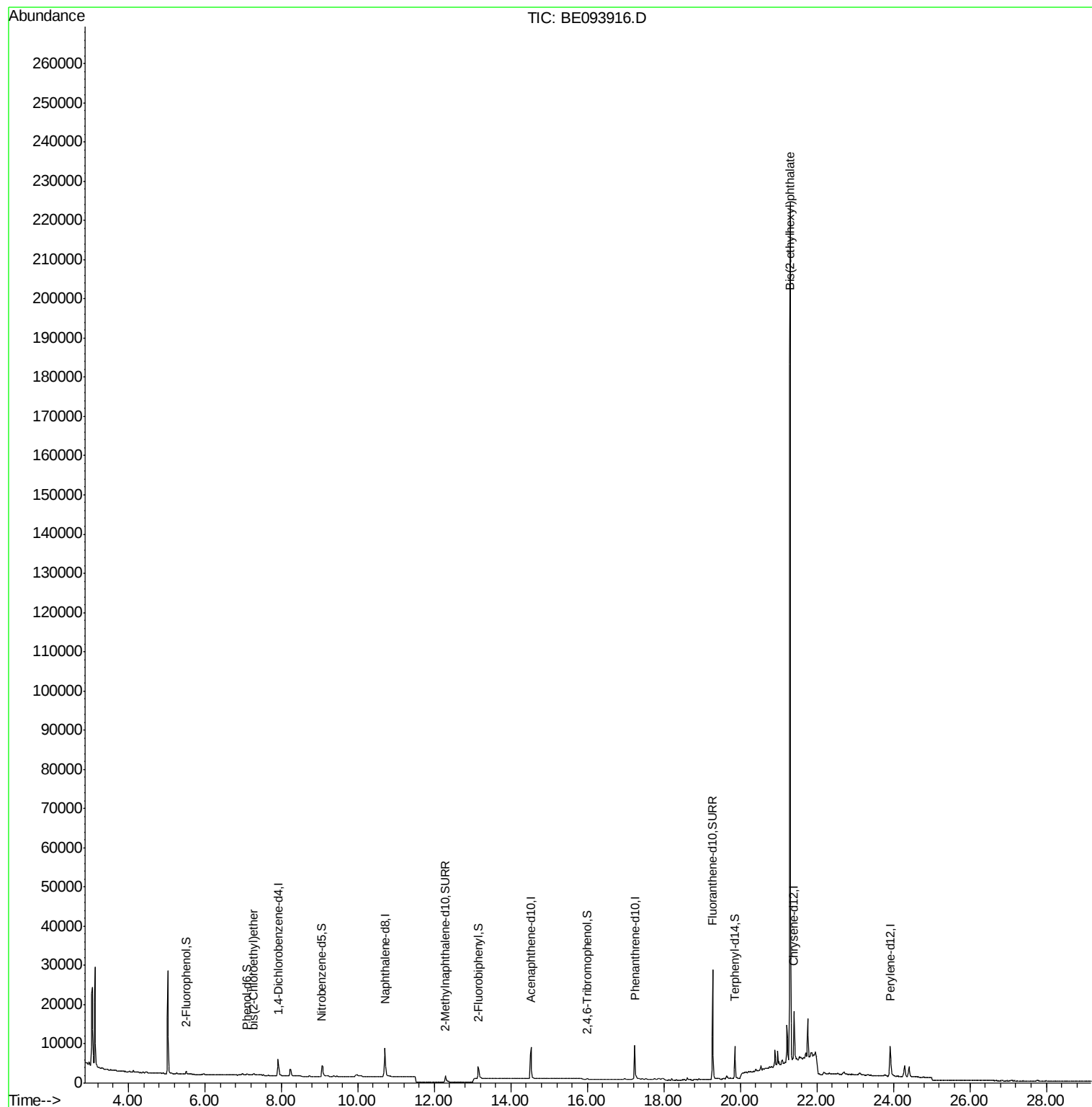
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2143	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10601	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6102	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15825	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15818	0.40	ng	-0.01
34) Perylene-d12	23.92	264	13651	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	523	0.08	ng	0.00
5) Phenol-d6	7.10	99	449	0.04	ng	0.00
8) Nitrobenzene-d5	9.06	82	1810	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	3179	0.19	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	340	0.21	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	4655	0.19	ng	-0.01
25) Fluoranthene-d10	19.27	212	39749	0.22	ng	0.00
29) Terphenyl-d14	19.86	244	7793	0.27	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.28	93	1664	0.214	ng	# 1
20) 4-Bromophenyl-phenylether	16.29	248	10	Below Cal		# 40
32) Bis(2-ethylhexyl)phthalate	21.30	149	287771	2.906	ng	99

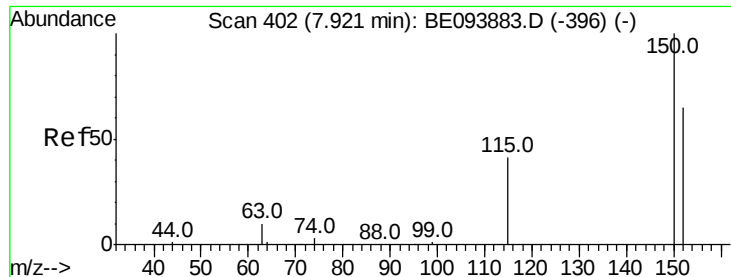
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

BNA_E

ClientSampleId :

3836-FB

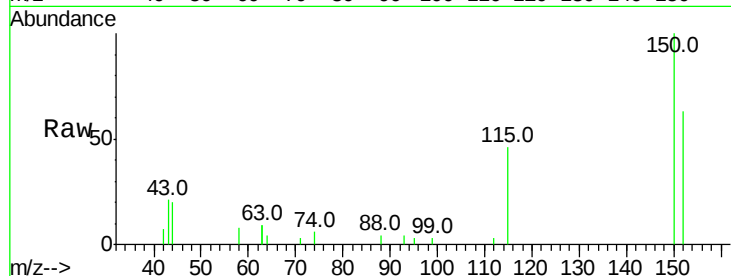
Tot Ion:152 Resp: 2143

Ion Ratio Lower Upper

152 100

150 158.0 121.8 182.6

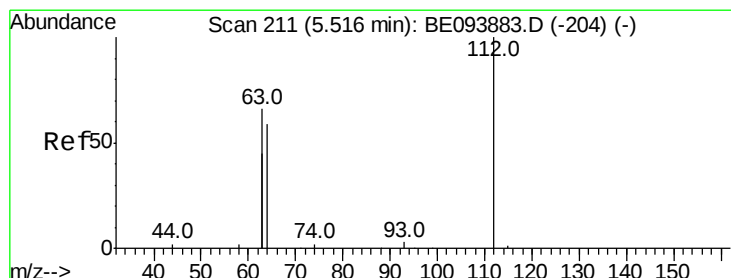
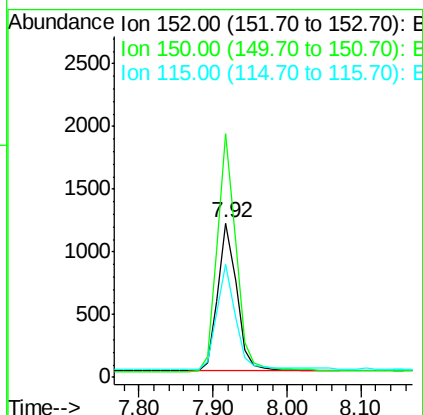
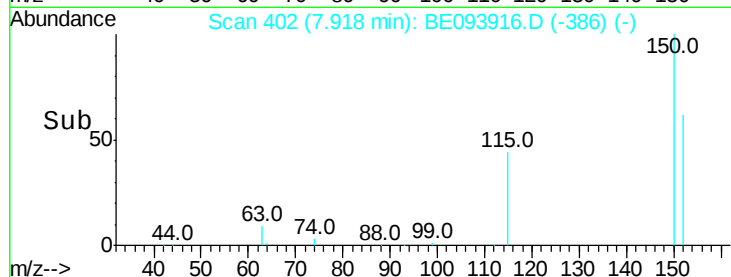
115 73.2 52.6 79.0



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: 0.079 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

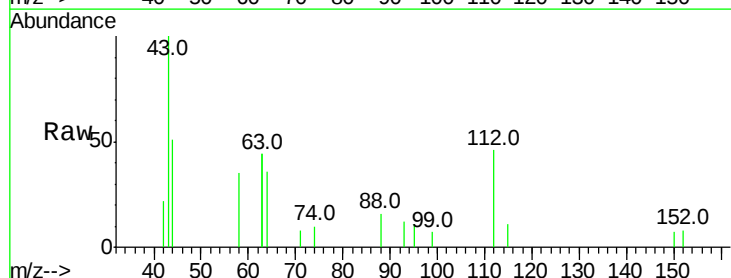
Tgt Ion:112 Resp: 523

Ion Ratio Lower Upper

112 100

64 73.6 57.7 86.5

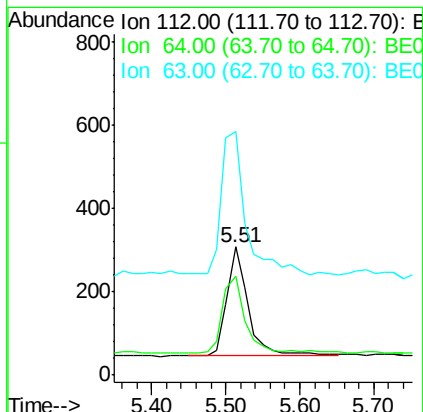
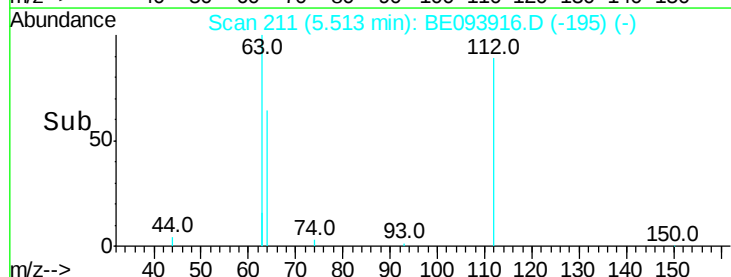
63 151.4 116.0 174.0

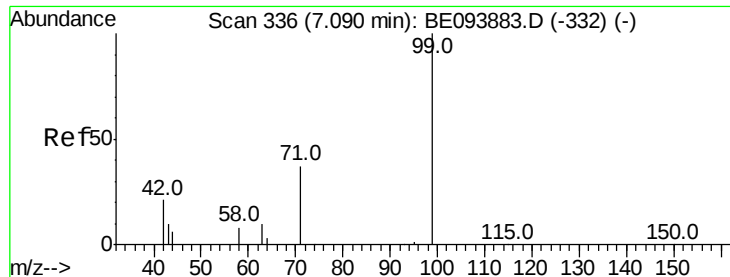


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.045 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

BNA_E

ClientSampleId :

3836-FB

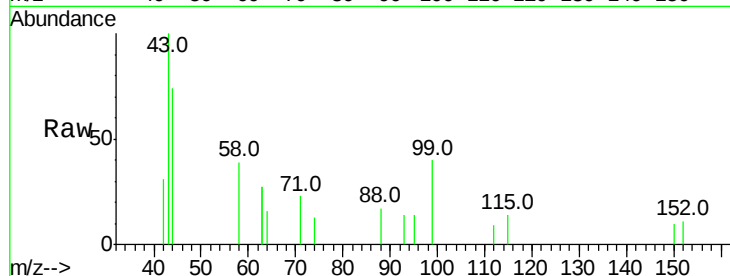
Tot Ion: 99 Resp: 449

Ion Ratio Lower Upper

99 100

42 17.8 17.1 25.7

71 35.9 26.6 39.8

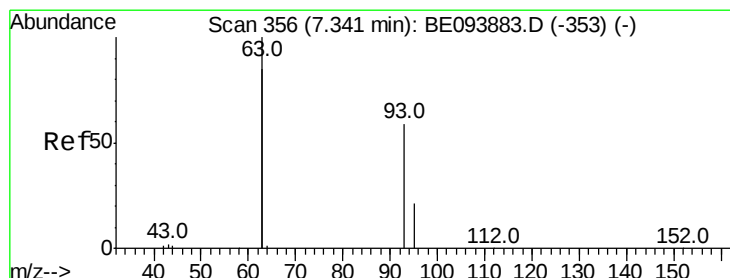
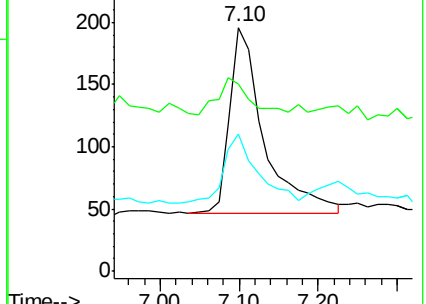
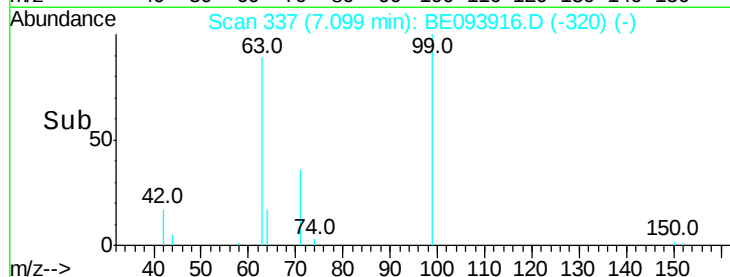


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.214 ng

RT: 7.28 min Scan# 351

Delta R.T. -0.07 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

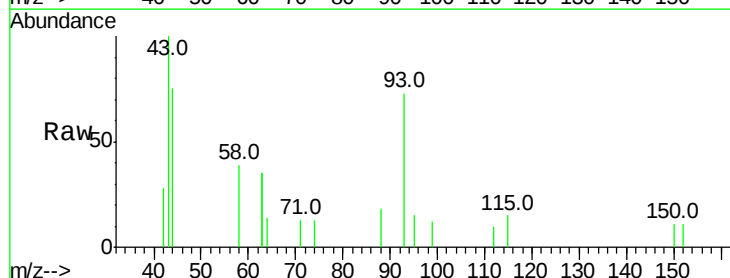
Tgt Ion: 93 Resp: 1664

Ion Ratio Lower Upper

93 100

63 19.9 283.4 425.2#

95 0.0 26.9 40.3#

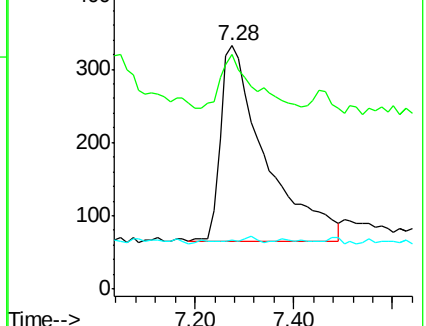
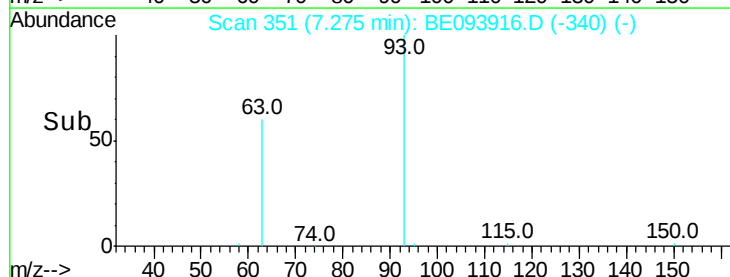


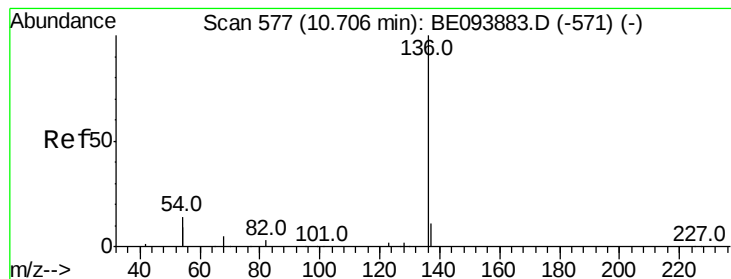
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

BNA_E

ClientSampleId :

3836-FB

Tot Ion:136 Resp: 10601

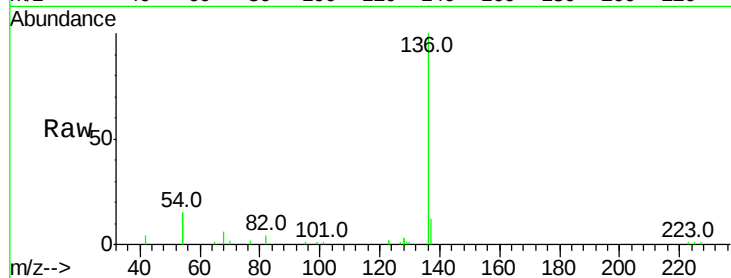
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 29.6 21.9 32.9

68 6.2 4.6 7.0

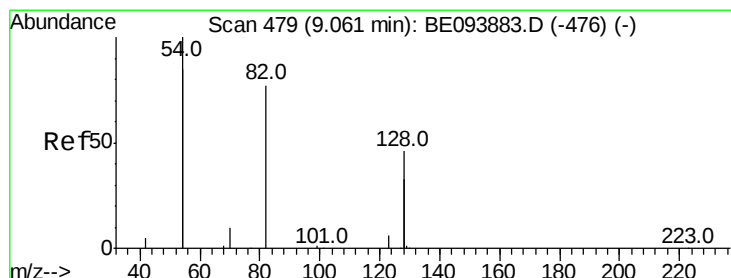
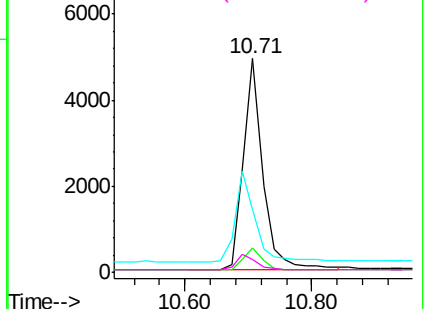
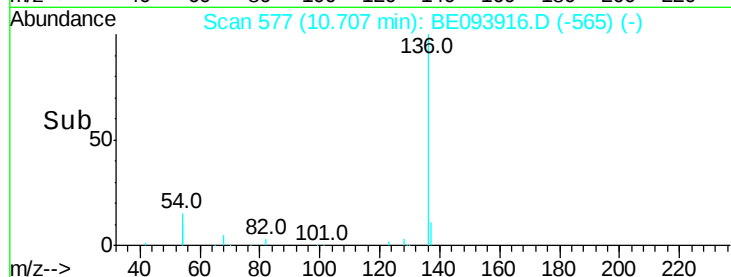


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.205 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

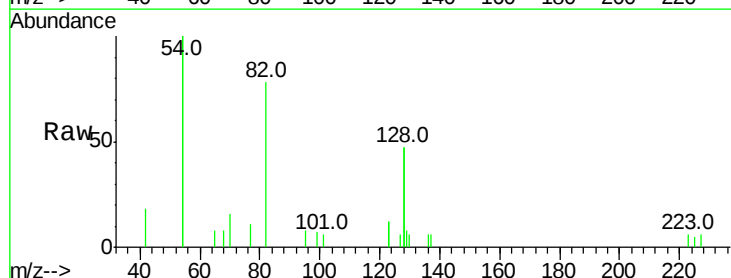
Tgt Ion: 82 Resp: 1810

Ion Ratio Lower Upper

82 100

128 120.3 91.4 137.0

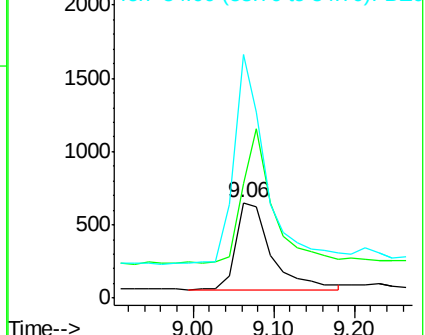
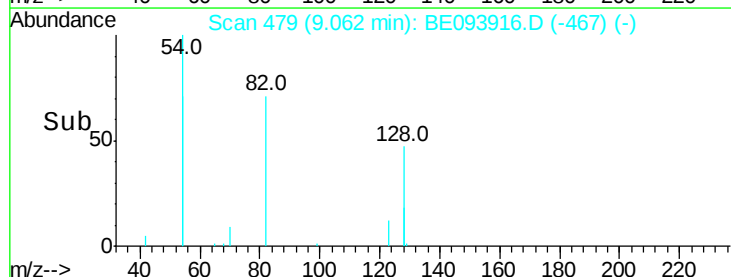
54 255.7 197.8 296.8

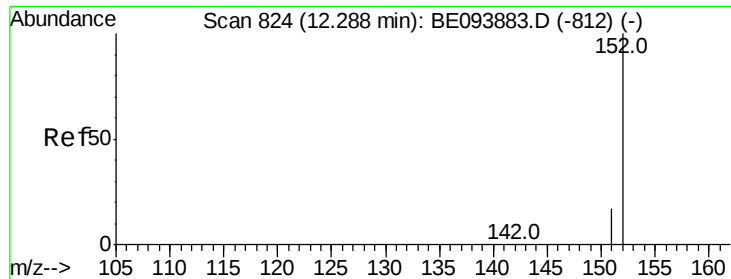


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

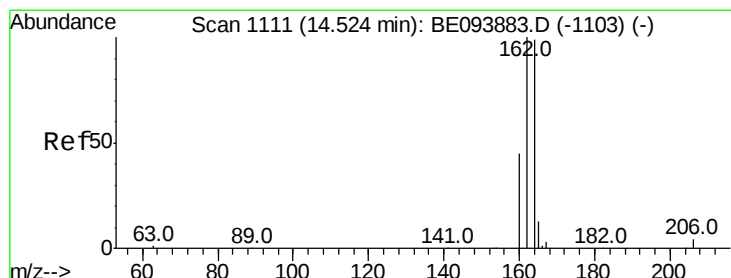
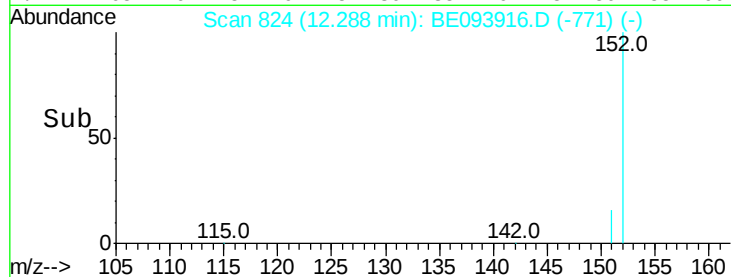
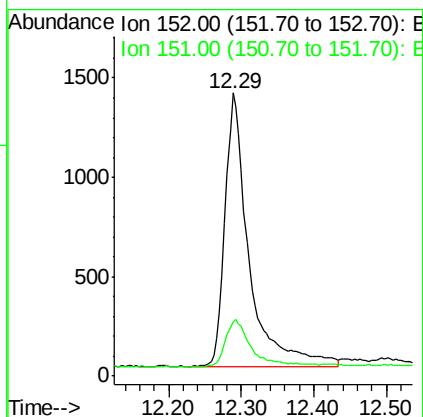
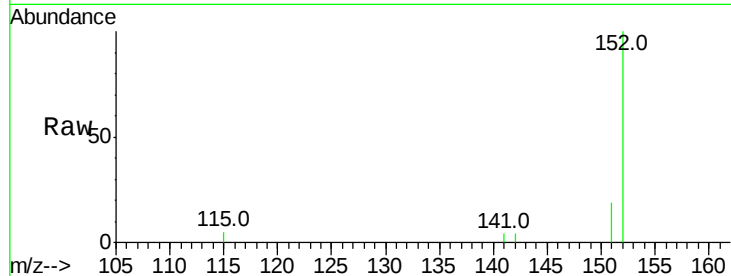




#11
 2-Methylnaphthalene-d10
 Concen: 0.190 ng
 RT: 12.29 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE093916.D
 Acq: 1 Sep 2017 23:46

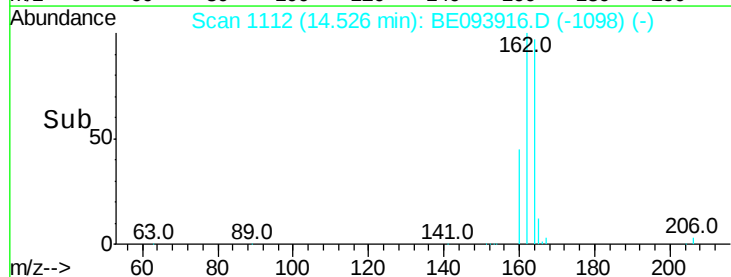
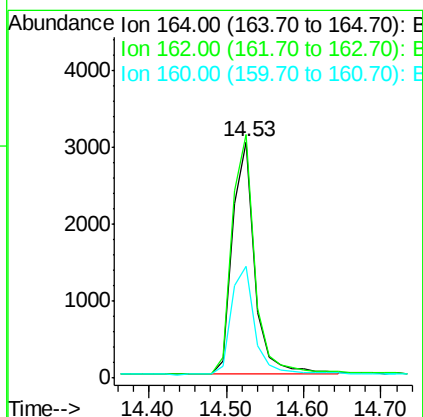
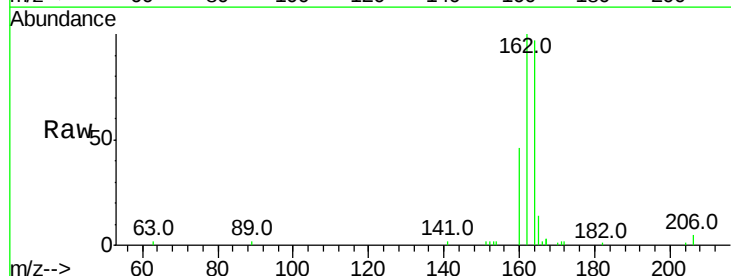
Instrument :
 BNA_E
 ClientSampleId :
 3836-FB

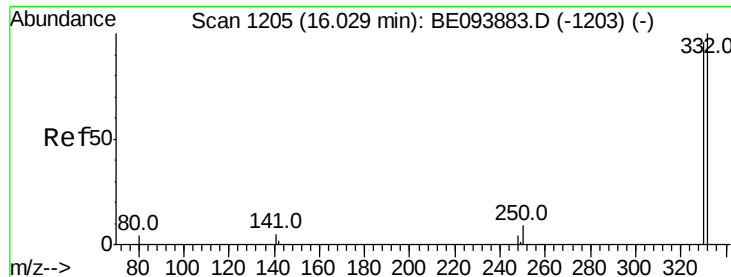
Tot Ion:152 Resp: 3179
 Ion Ratio Lower Upper
 152 100
 151 17.2 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093916.D
 Acq: 1 Sep 2017 23:46

Tgt Ion:164 Resp: 6102
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.8 121.2
 160 47.2 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.208 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

BNA_E

ClientSampled :

3836-FB

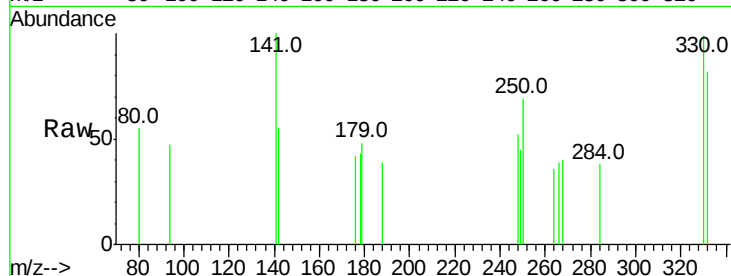
Tot Ion:330 Resp: 340

Ion Ratio Lower Upper

330 100

332 0.0 76.9 115.3#

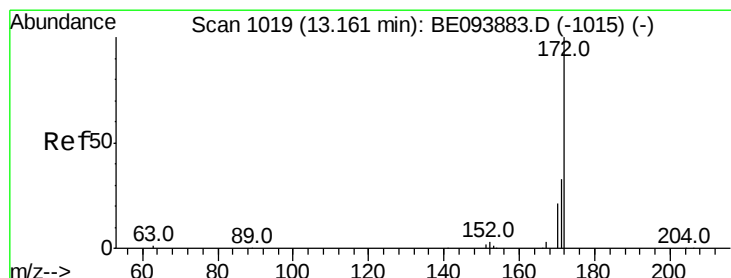
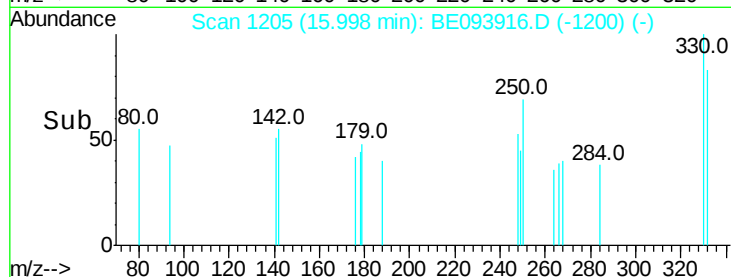
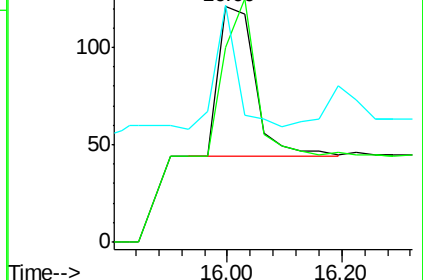
141 49.4 0.0 0.0#



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: 0.192 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

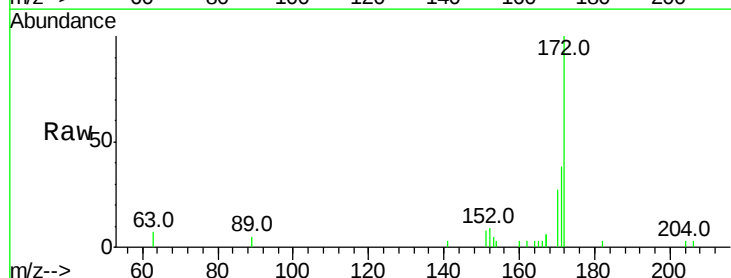
Tgt Ion:172 Resp: 4655

Ion Ratio Lower Upper

172 100

171 38.3 26.9 40.3

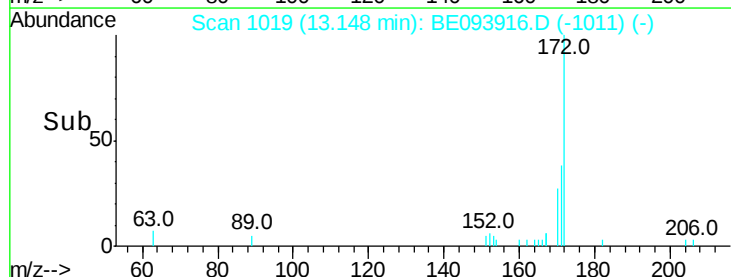
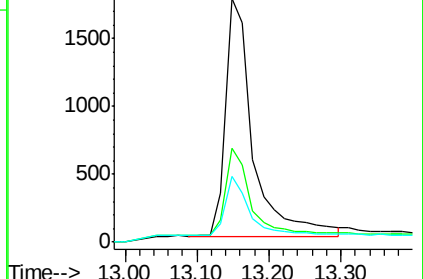
170 27.0 17.3 25.9#

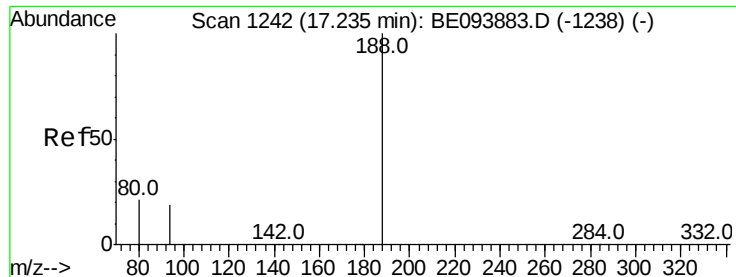


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

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ClientSampleId :

3836-FB

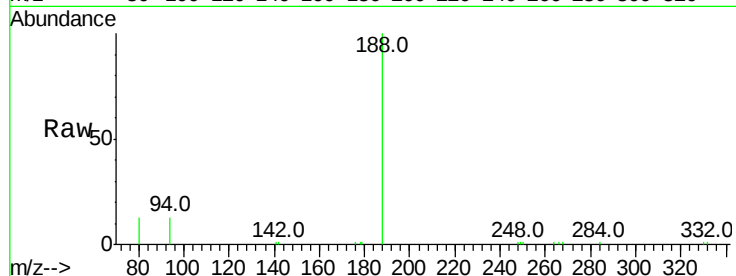
Tot Ion:188 Resp: 15825

Ion Ratio Lower Upper

188 100

94 12.6 16.1 24.1#

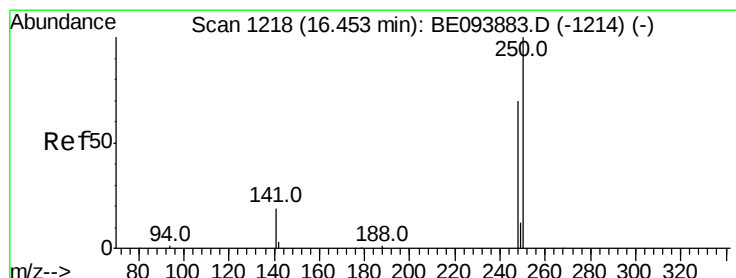
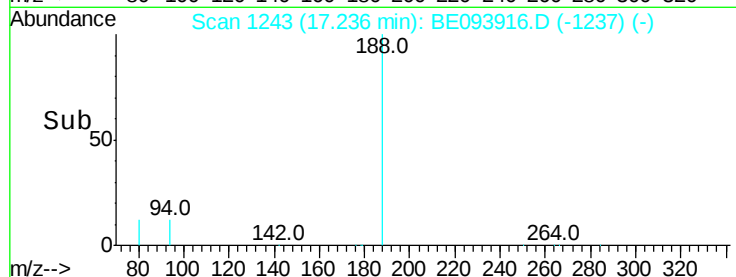
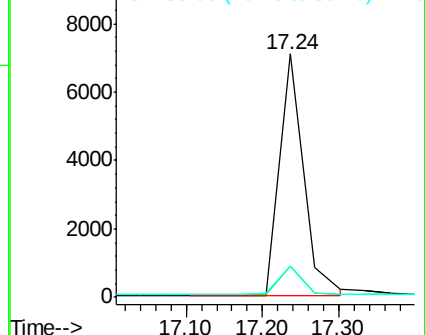
80 12.8 18.2 27.2#



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.29 min Scan# 1214

Delta R.T. -0.16 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

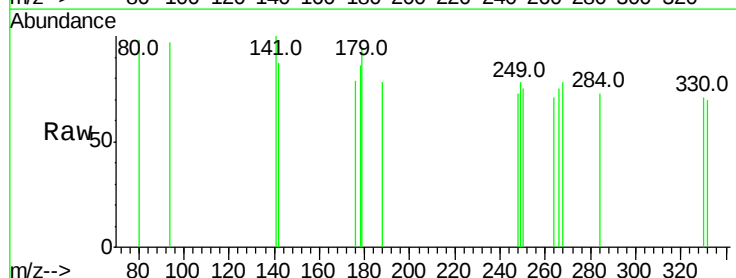
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 102.2 111.8 167.8#

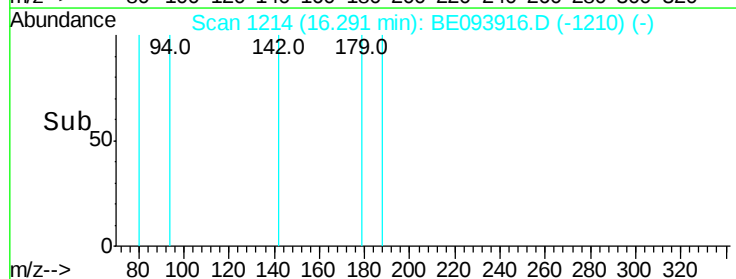
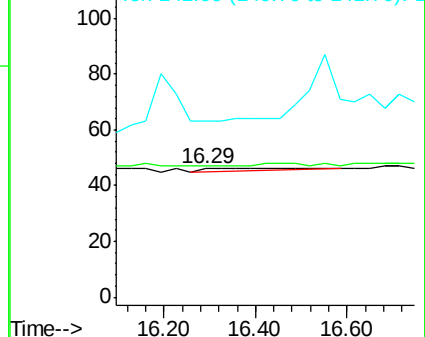
141 137.0 27.1 40.7#

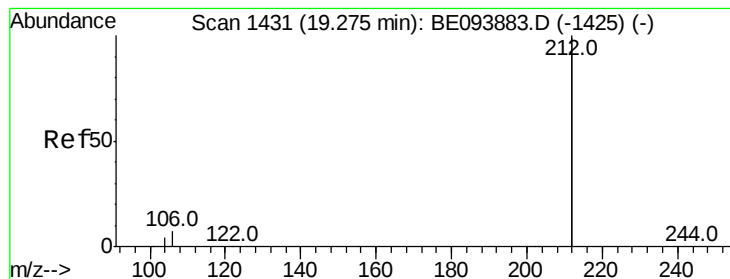


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#25

Fluoranthene-d10

Concen: 0.218 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

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3836-FB

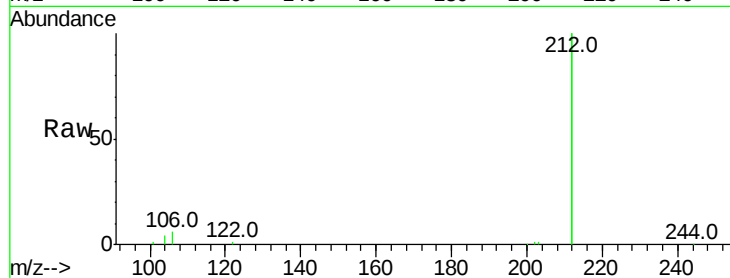
Tot Ion:212 Resp: 39749

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

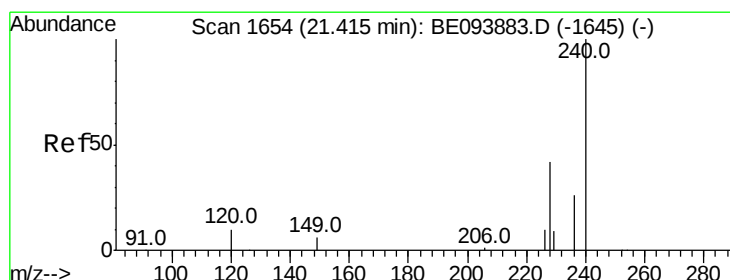
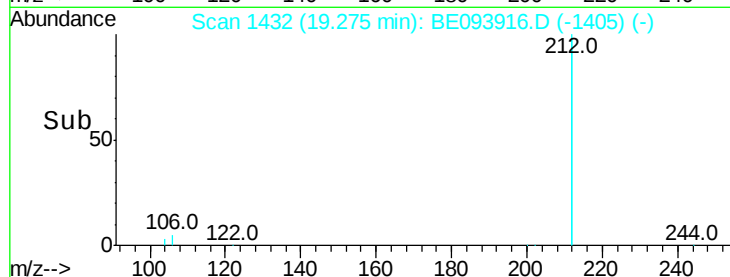
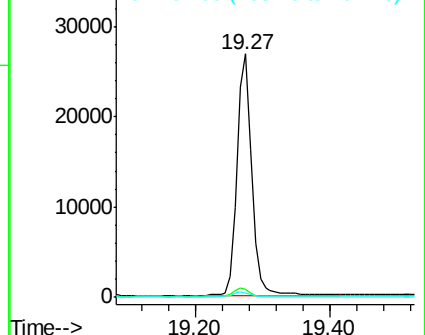
104 2.1 1.6 2.4



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: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

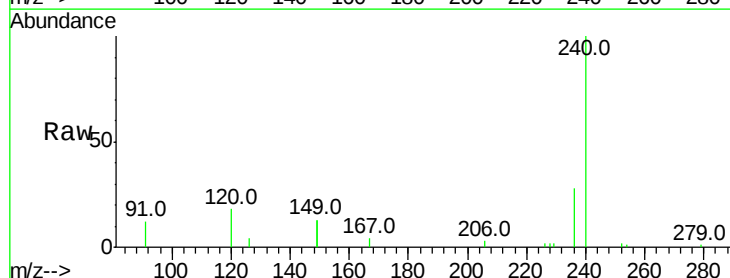
Tgt Ion:240 Resp: 15818

Ion Ratio Lower Upper

240 100

120 18.5 8.7 13.1#

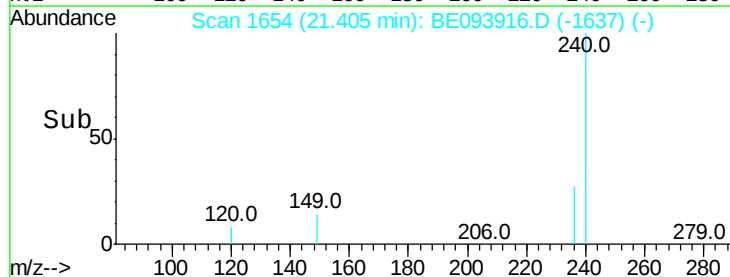
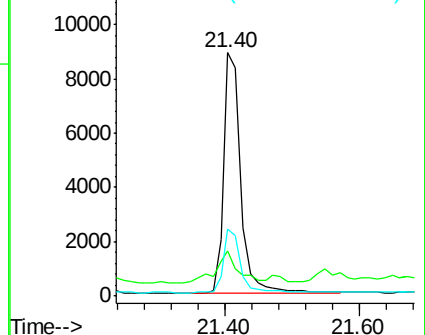
236 27.6 21.3 31.9

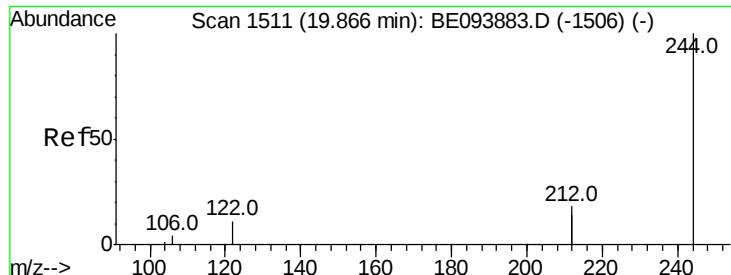


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.272 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

BNA_E

ClientSampleId :

3836-FB

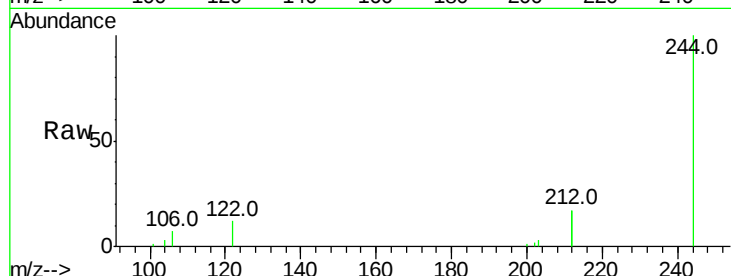
Tot Ion:244 Resp: 7793

Ion Ratio Lower Upper

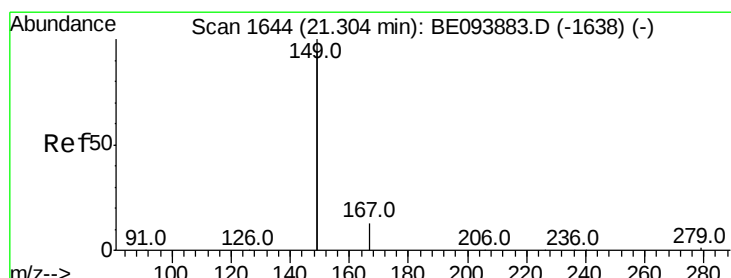
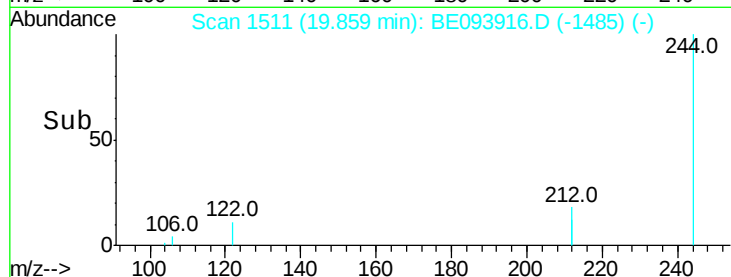
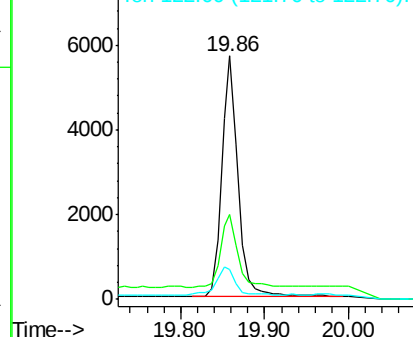
244 100

212 35.0 28.3 42.5

122 12.5 9.4 14.0



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: 2.906 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

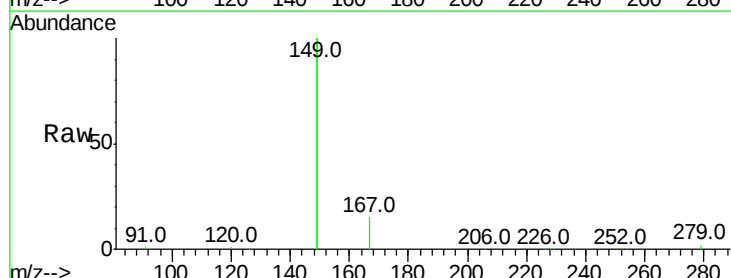
Tgt Ion:149 Resp: 287771

Ion Ratio Lower Upper

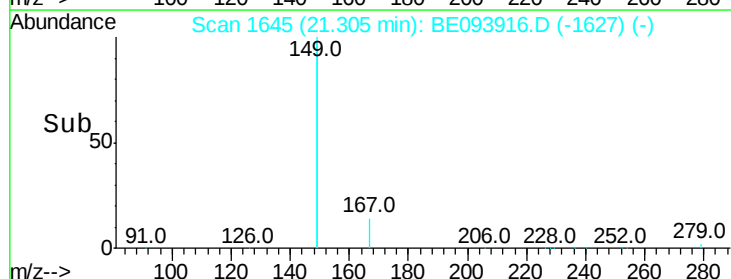
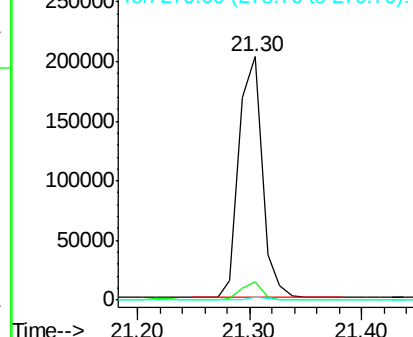
149 100

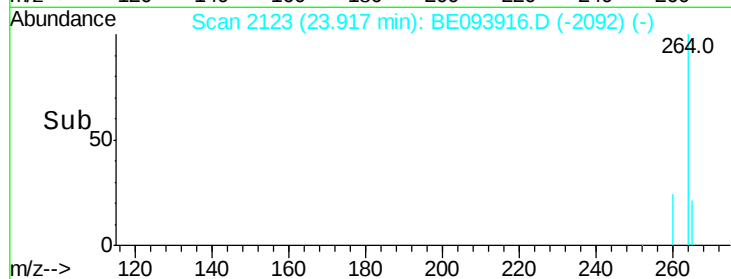
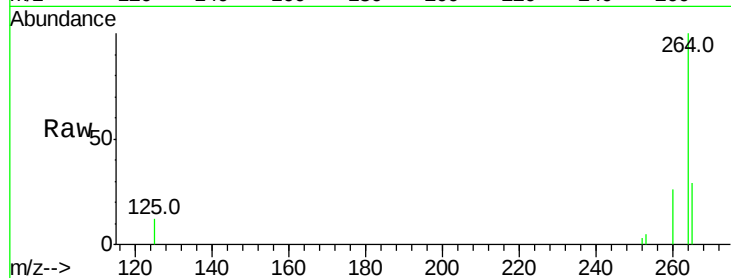
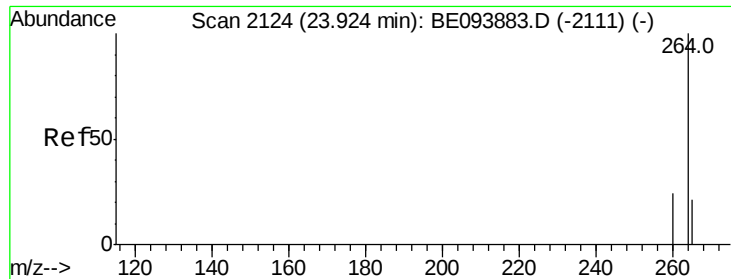
167 6.4 5.4 8.0

279 0.8 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: 23.92 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE093916.D

Acq: 1 Sep 2017 23:46

Instrument :

BNA_E

ClientSampleId :

3836-FB

Tot Ion:264 Resp: 13651

Ion Ratio Lower Upper

264 100

260 25.8 20.0 30.0

265 29.3 24.0 36.0

