

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093493.D
 Acq On : 19 Jul 2017 20:18
 Operator : SJ/JU
 Sample : I4199-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:03:41 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

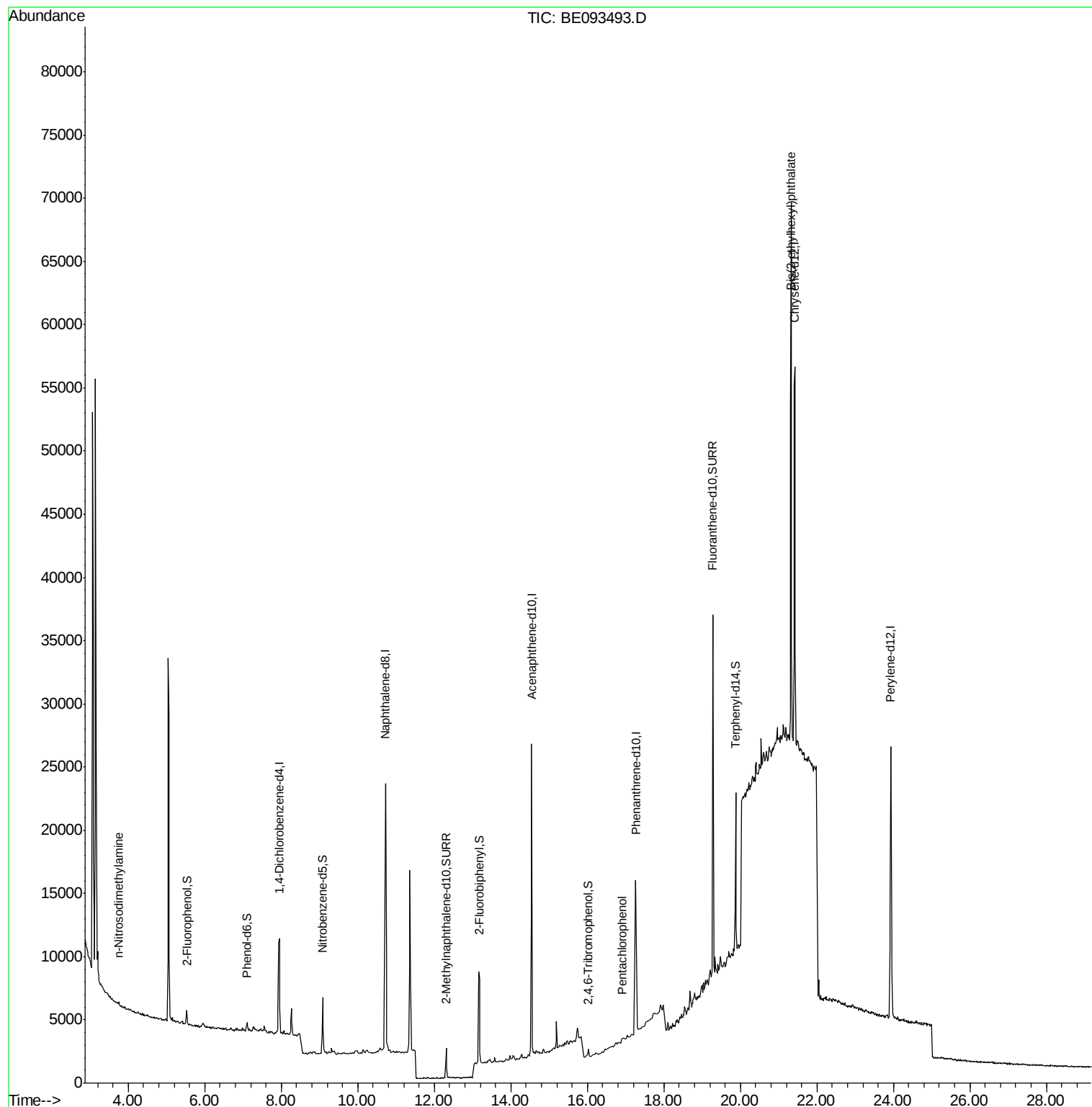
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4225	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	24409	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14238	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	26534	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36056	0.40	ng	0.00
34) Perylene-d12	23.93	264	31491	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	591	0.05	ng	0.00
5) Phenol-d6	7.10	99	685	0.04	ng	0.00
8) Nitrobenzene-d5	9.08	82	1785	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	3306	0.08	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	516	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8182	0.15	ng	0.00
25) Fluoranthene-d10	19.28	212	38760	0.12	ng	0.00
29) Terphenyl-d14	19.87	244	10680	0.17	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.75	42	114	0.142	ng	Qvalue # 15
22) Pentachlorophenol	16.91	266	164	0.024	ng	92
32) Bis(2-ethylhexyl)phthalate	21.33	149	50392	0.359	ng	# 68

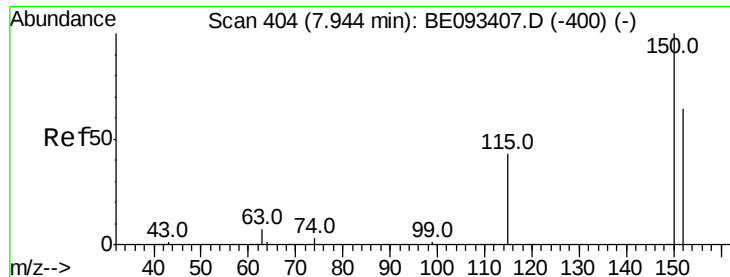
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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QLast Update : Mon Jul 03 06:40:23 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

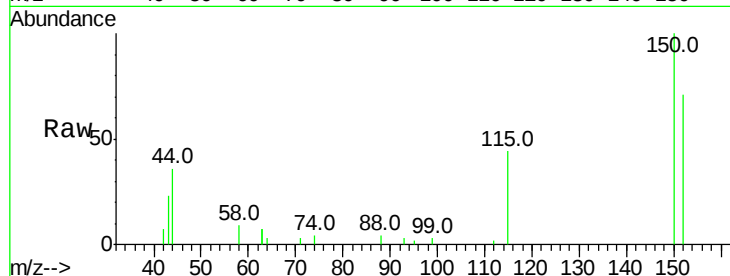
Tot Ion:152 Resp: 4225

Ion Ratio Lower Upper

152 100

150 141.4 125.1 187.7

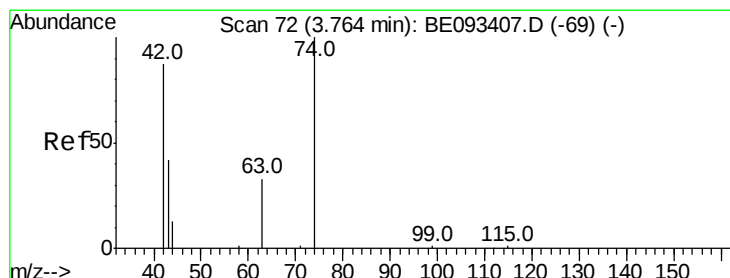
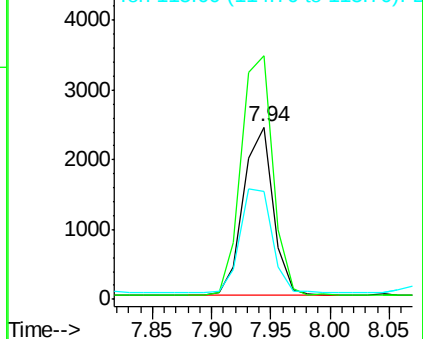
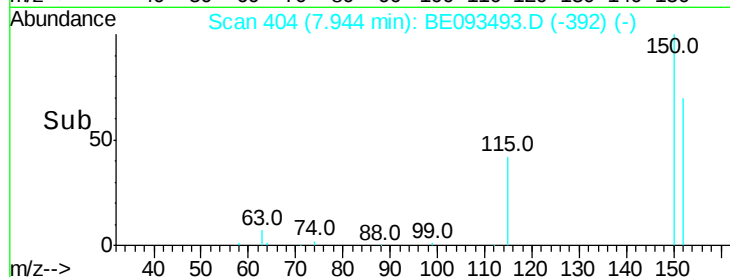
115 62.9 55.7 83.5



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



#3

n-Nitrosodimethylamine

Concen: 0.142 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

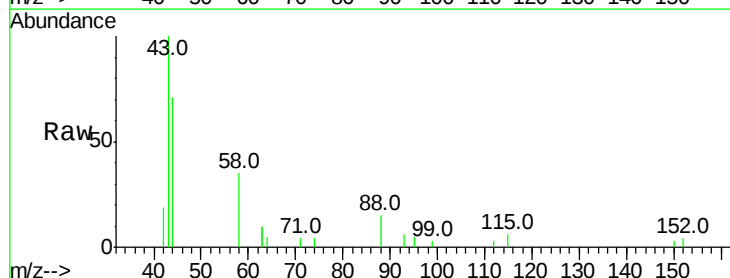
Tgt Ion: 42 Resp: 114

Ion Ratio Lower Upper

42 100

74 22.8 99.1 148.7#

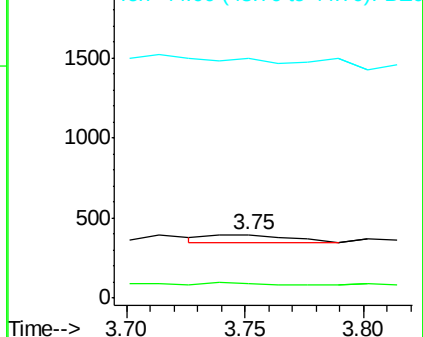
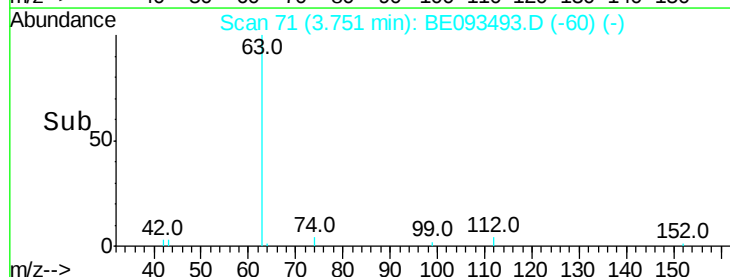
44 0.0 7.4 11.2#

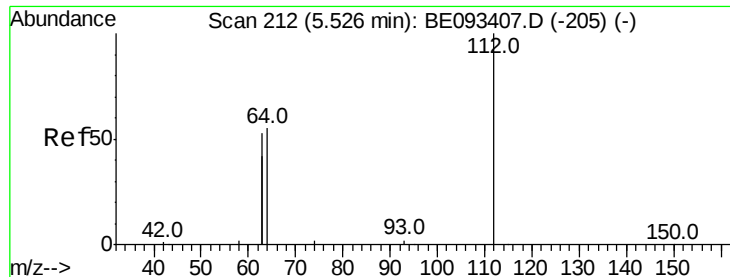


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.046 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

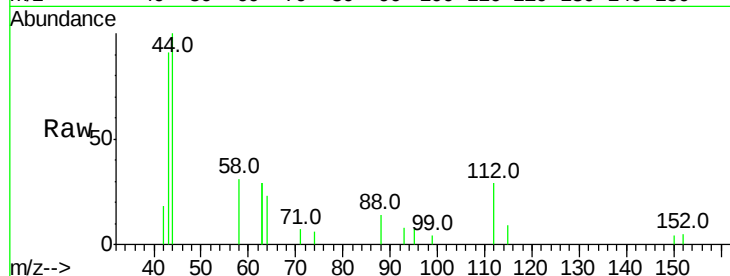
Tot Ion: 112 Resp: 591

Ion Ratio Lower Upper

112 100

64 76.5 56.4 84.6

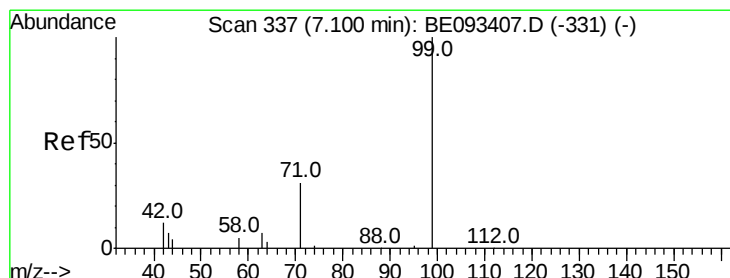
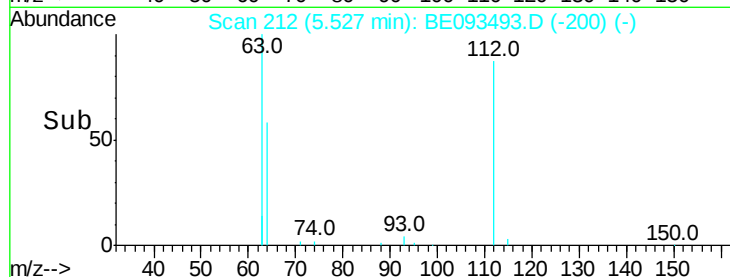
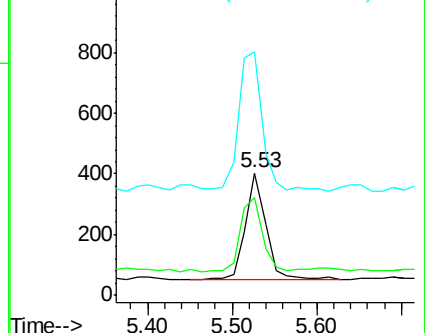
63 150.6 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.036 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

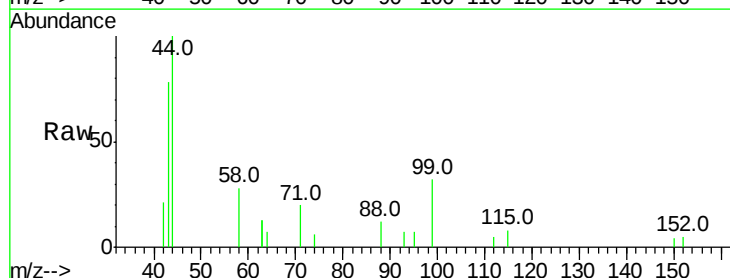
Tgt Ion: 99 Resp: 685

Ion Ratio Lower Upper

99 100

42 36.1 0.0 0.0#

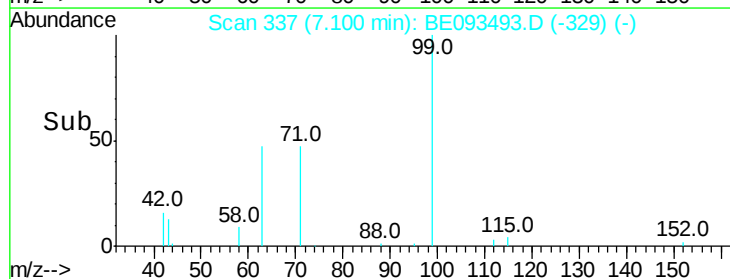
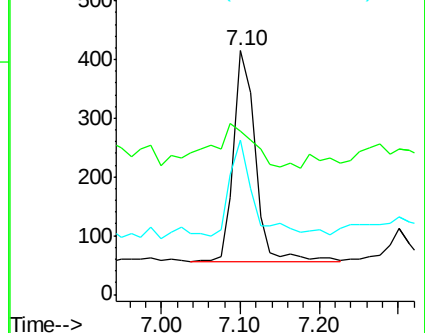
71 48.5 0.0 0.0#

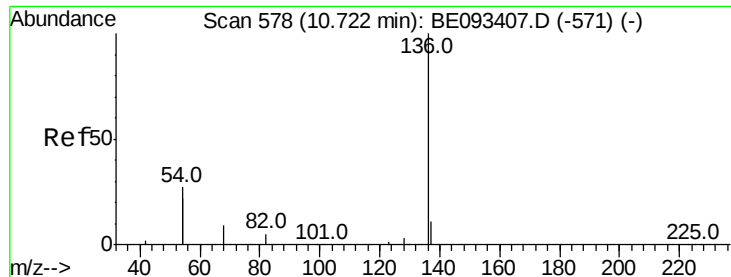


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 24409

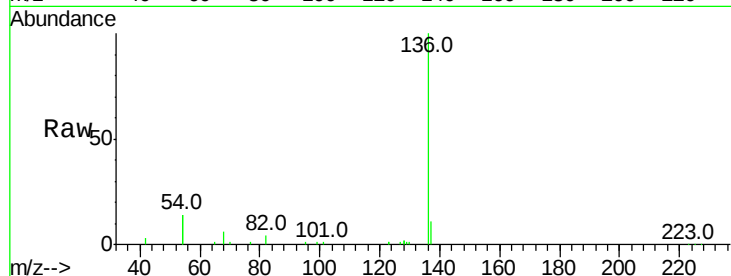
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 28.7 10.3 15.5#

68 6.2 9.0 13.4#

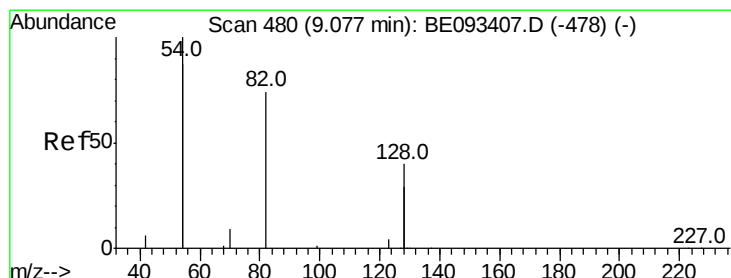
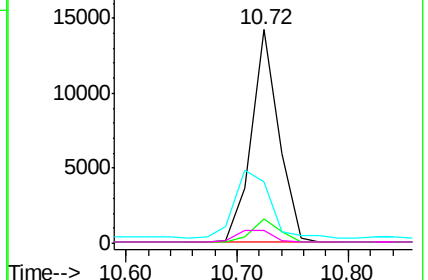
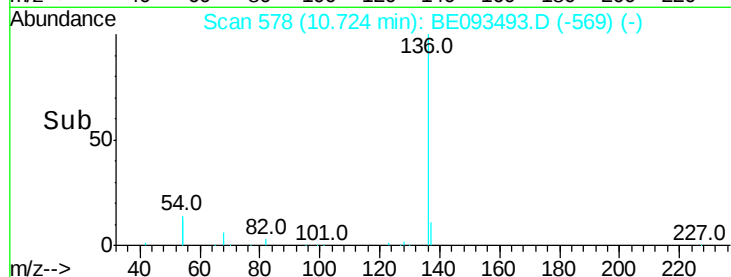


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.114 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

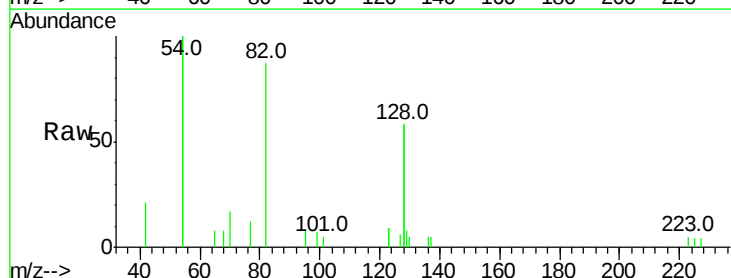
Tgt Ion: 82 Resp: 1785

Ion Ratio Lower Upper

82 100

128 134.5 17.0 25.4#

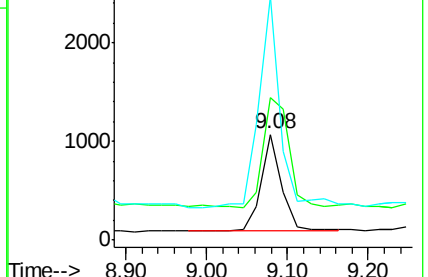
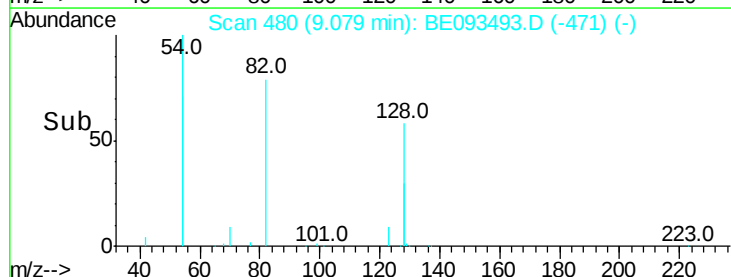
54 230.4 53.8 80.6#

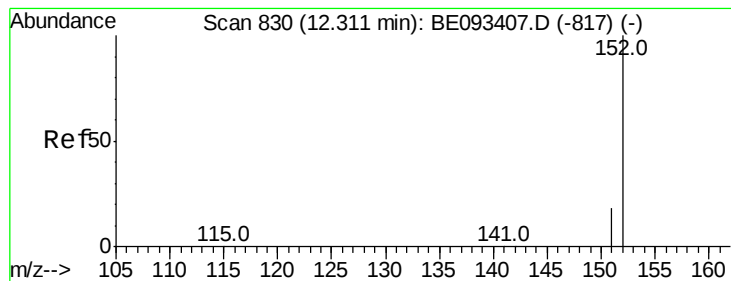


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.085 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

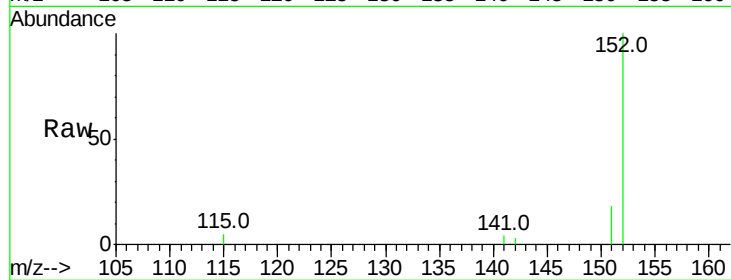
ClientSampleId :

Tot Ion:152 Resp: 3306

Ion Ratio Lower Upper

152 100

151 19.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

2000

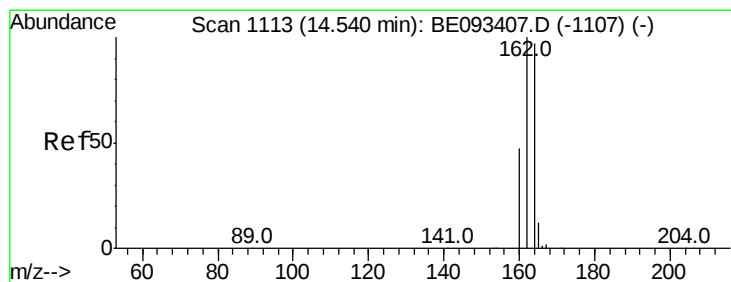
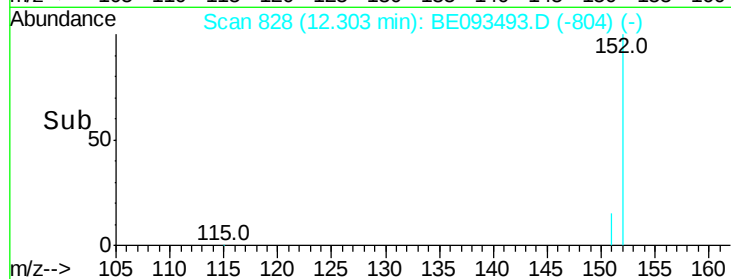
1500

1000

500

0

Time--> 12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

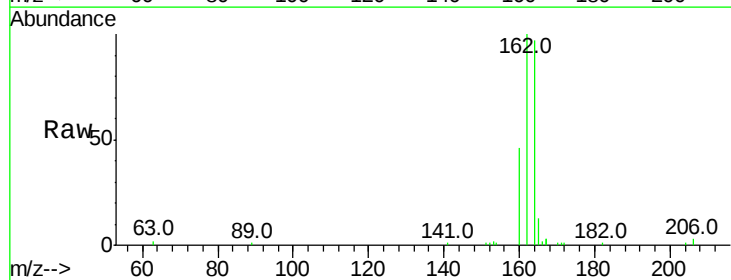
Tgt Ion:164 Resp: 14238

Ion Ratio Lower Upper

164 100

162 103.3 84.6 127.0

160 47.5 41.8 62.6



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

14.54

12000

10000

8000

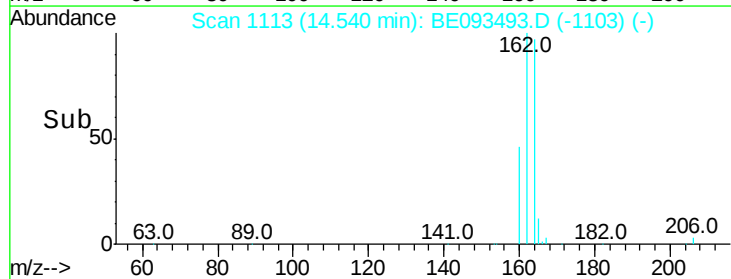
6000

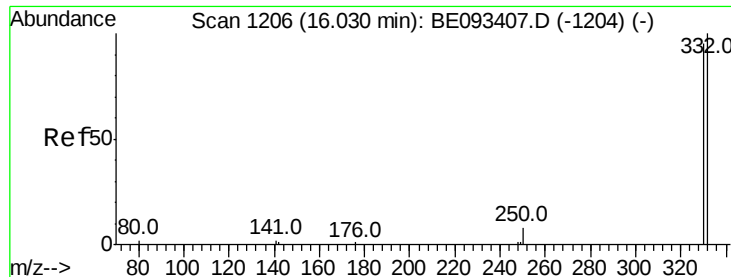
4000

2000

0

Time--> 14.40 14.50 14.60





#14

2,4,6-Tribromophenol

Concen: 0.115 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

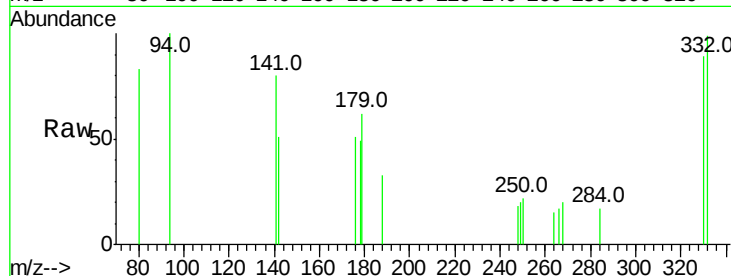
Tot Ion:330 Resp: 516

Ion Ratio Lower Upper

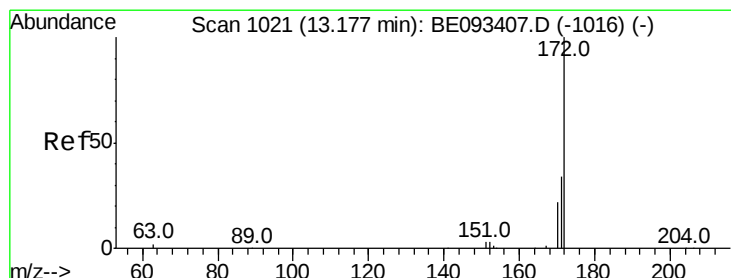
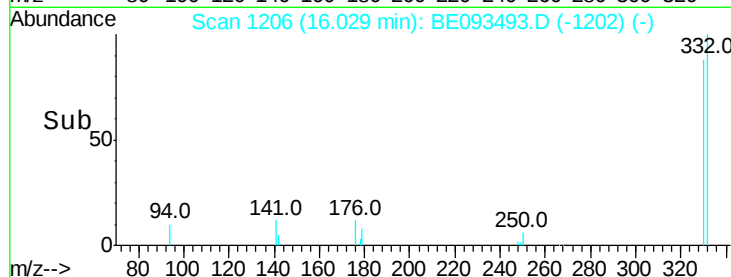
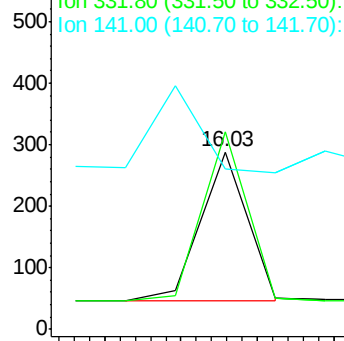
330 100

332 109.1 77.7 116.5

141 0.0 56.2 84.4#



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: 0.148 ng

RT: 13.18 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

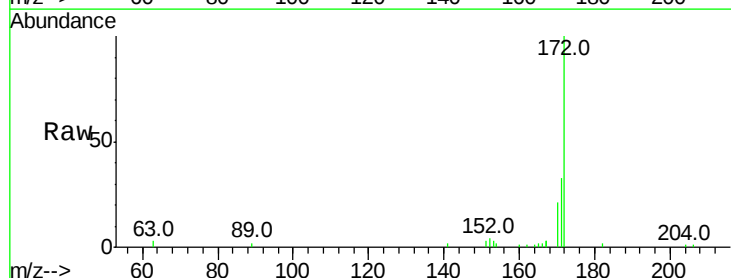
Tgt Ion:172 Resp: 8182

Ion Ratio Lower Upper

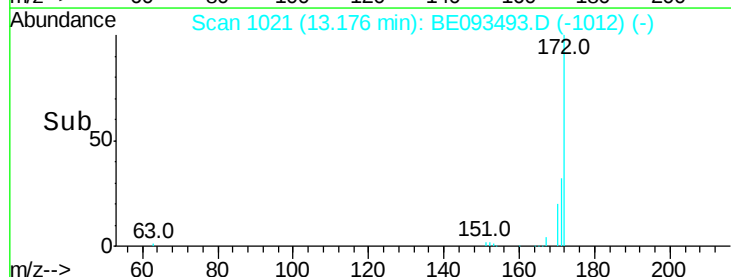
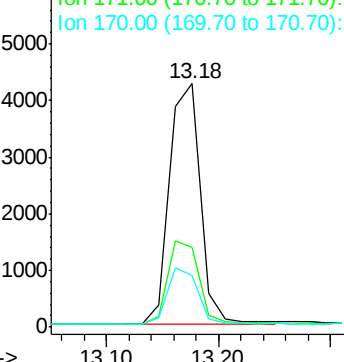
172 100

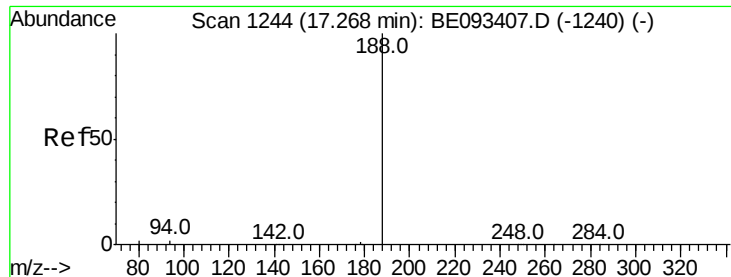
171 32.8 29.8 44.6

170 21.4 20.7 31.1



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: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

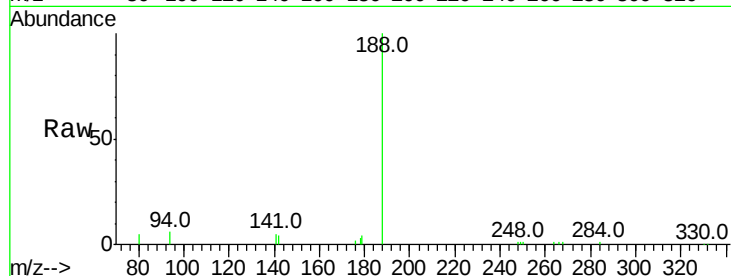
Tot Ion:188 Resp: 26534

Ion Ratio Lower Upper

188 100

94 5.7 11.3 16.9#

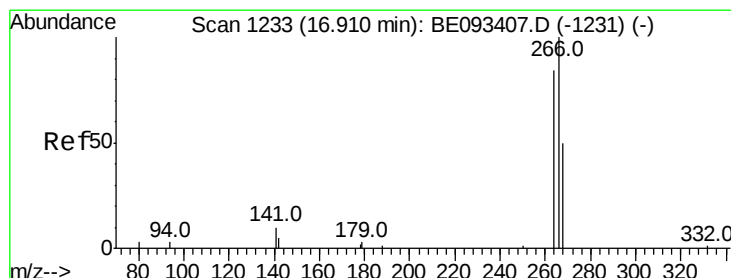
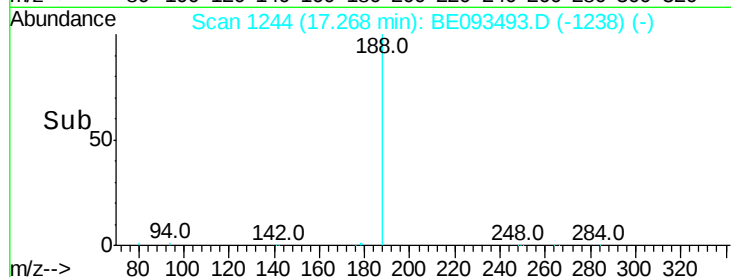
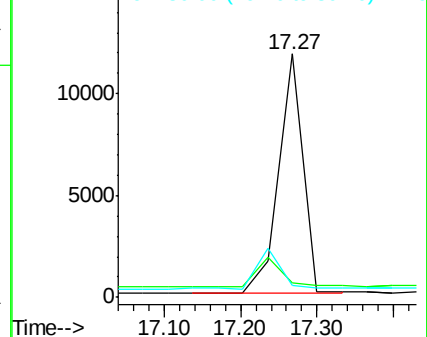
80 4.7 11.7 17.5#



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: 0.024 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

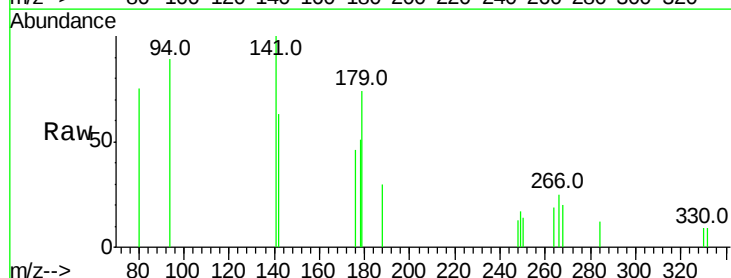
Tgt Ion:266 Resp: 164

Ion Ratio Lower Upper

266 100

264 77.3 58.2 87.2

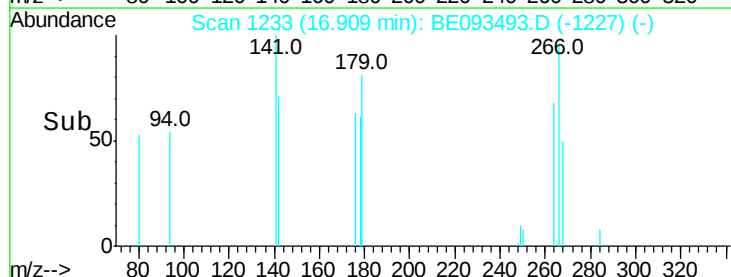
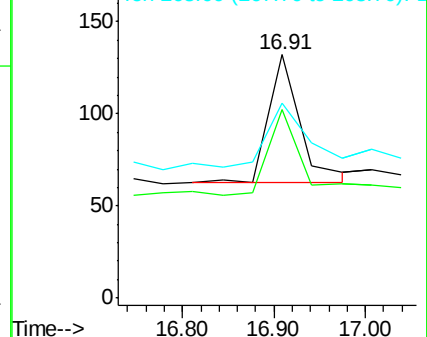
268 80.3 71.9 107.9

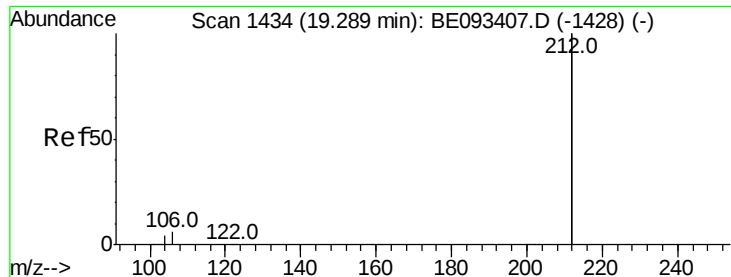


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.121 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

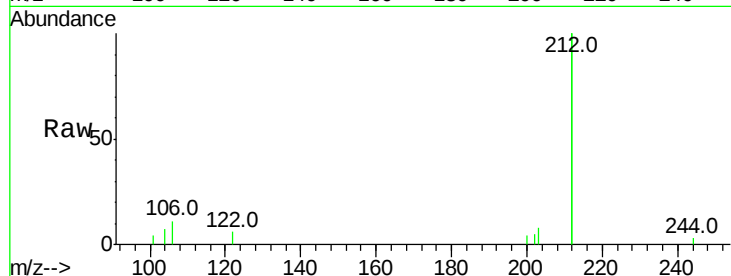
Tot Ion:212 Resp: 38760

Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

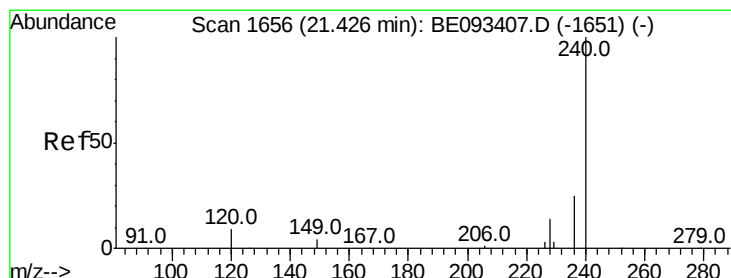
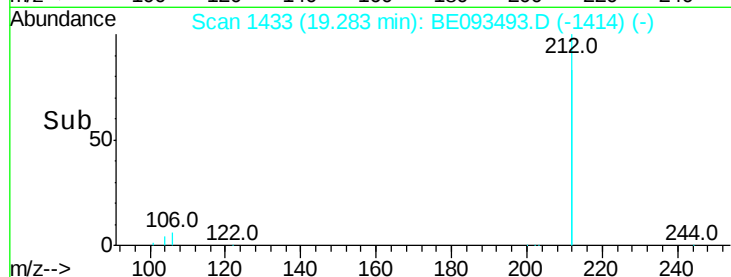
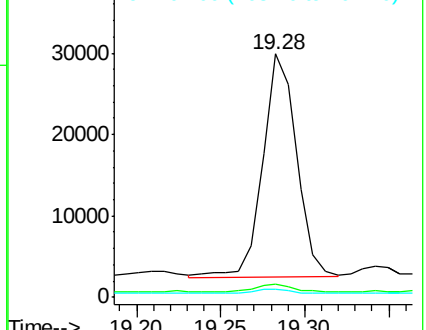
104 1.9 1.6 2.4



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: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

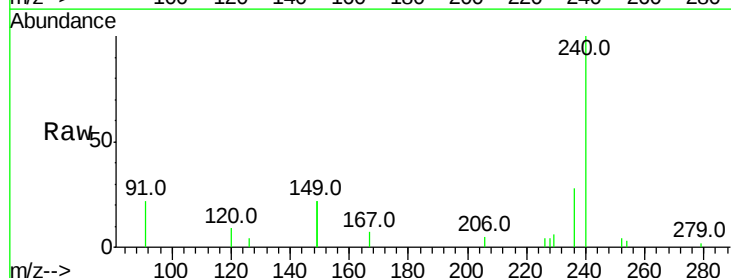
Tgt Ion:240 Resp: 36056

Ion Ratio Lower Upper

240 100

120 9.1 4.6 7.0#

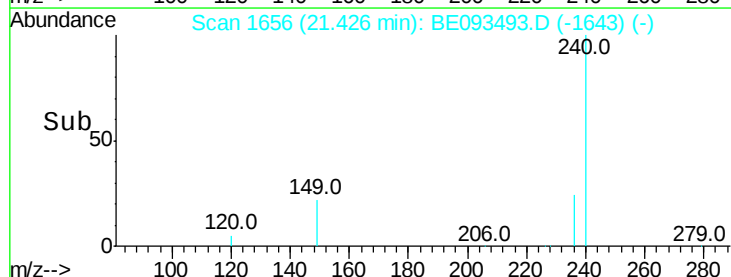
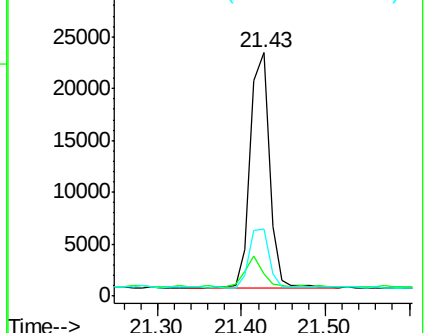
236 27.7 20.8 31.2

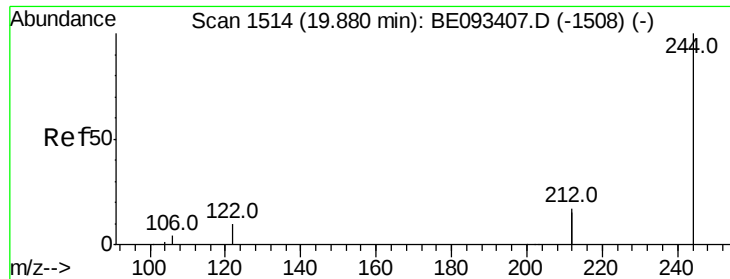


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.166 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

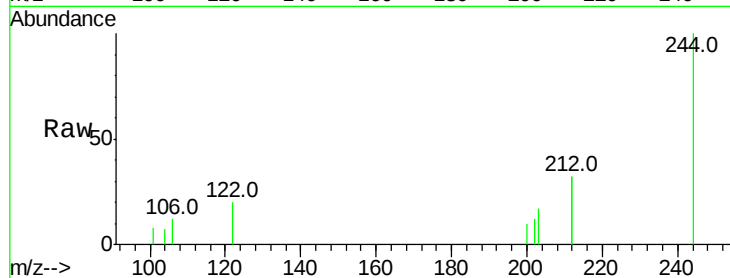
Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

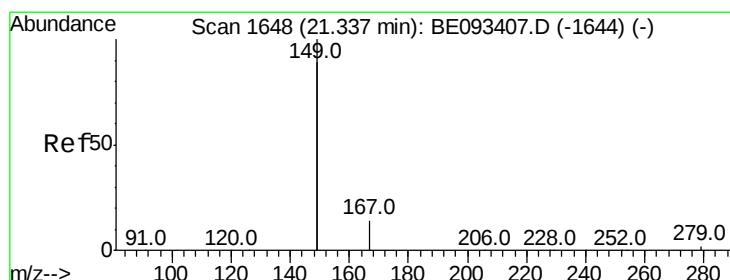
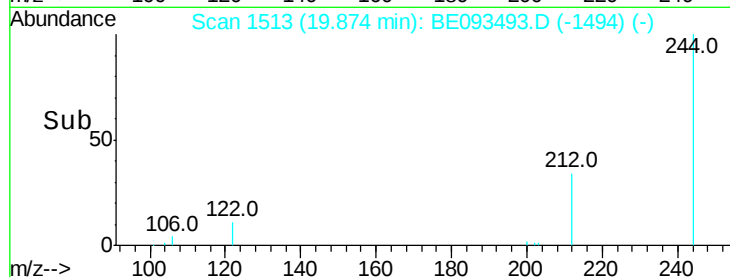
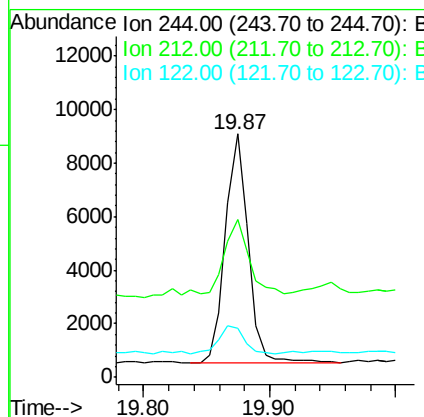
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	244	Resp:	10680
Ion	Ratio	Lower	Upper
244	100		
212	64.9	10.6	16.0#
122	20.2	15.4	23.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.359 ng

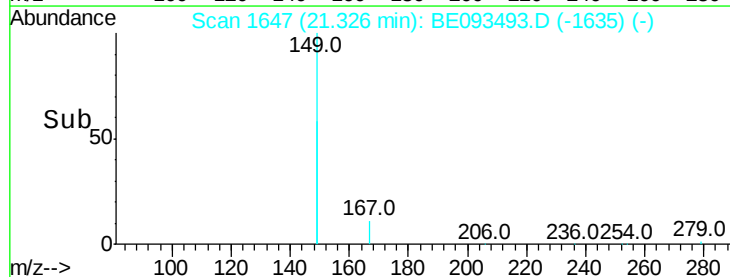
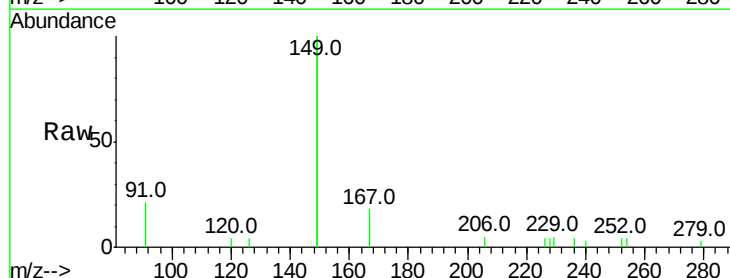
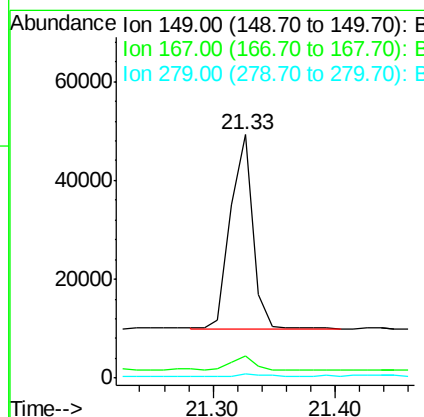
RT: 21.33 min Scan# 1647

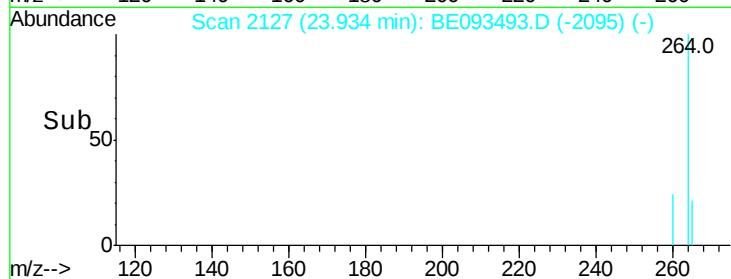
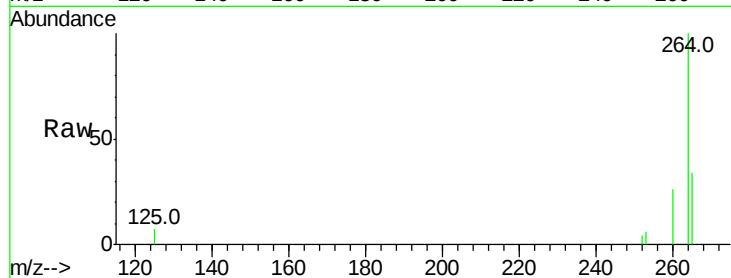
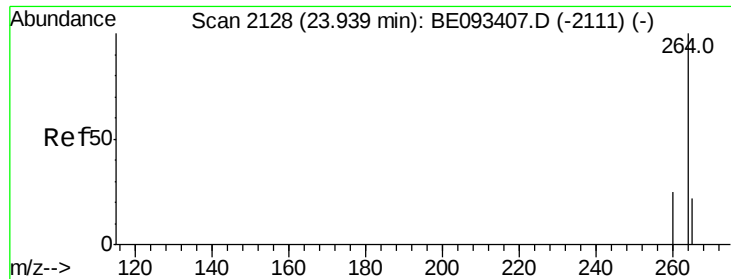
Delta R.T. -0.01 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Tgt Ion:	149	Resp:	50392
Ion	Ratio	Lower	Upper
149	100		
167	7.6	20.1	30.1#
279	1.0	2.2	3.4#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 31491

Ion Ratio Lower Upper

264 100

260 26.0 21.0 31.4

265 33.5 24.6 36.8

