

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
 Data File : BE093459.D
 Acq On : 13 Jul 2017 15:17
 Operator : SJ/JU
 Sample : I4142-06
 Misc : L00 0.2 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 13 16:22:51 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

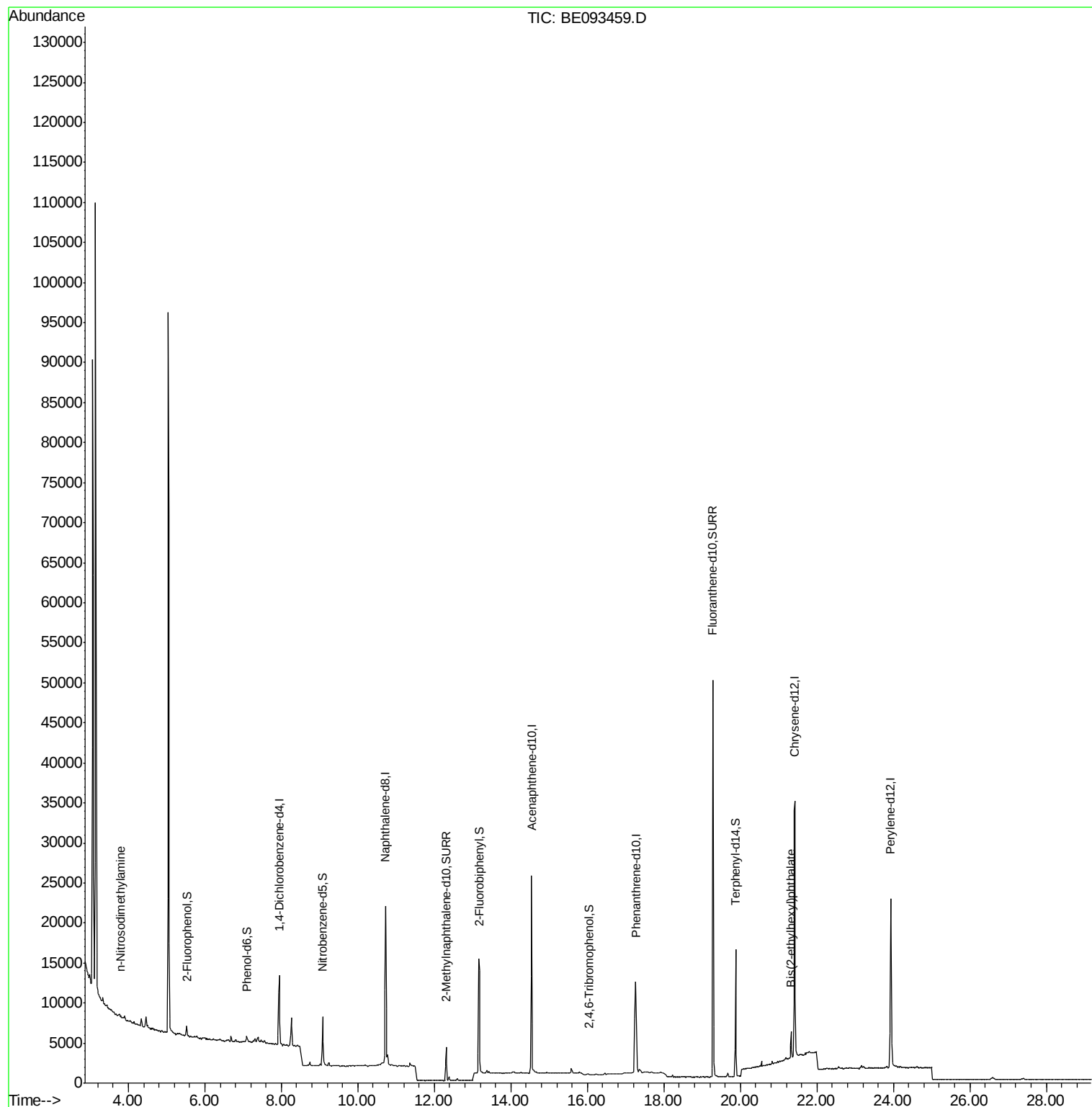
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4380	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22572	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14342	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	26967	0.40	ng	0.00
27) Chrysene-d12	21.43	240	37525	0.40	ng	0.00
34) Perylene-d12	23.93	264	31776	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	709	0.05	ng	0.00
5) Phenol-d6	7.10	99	788	0.04	ng	0.00
8) Nitrobenzene-d5	9.08	82	2578	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5782	0.16	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	182	0.04	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	16064	0.29	ng	0.00
25) Fluoranthene-d10	19.28	212	69194	0.21	ng	0.00
29) Terphenyl-d14	19.87	244	13160	0.20	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.80	42	89	0.138	ng	# 1
22) Pentachlorophenol	16.88	266	8	Below Cal		# 84
32) Bis(2-ethylhexyl)phthalate	21.33	149	4028	0.028	ng	# 69

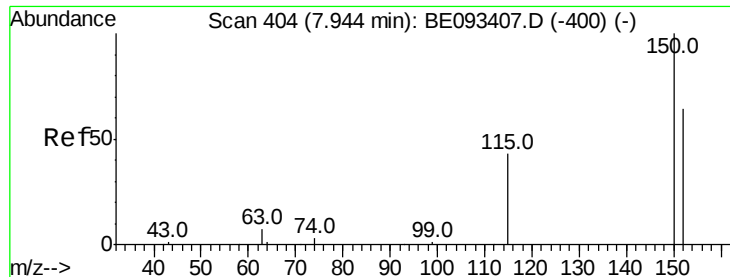
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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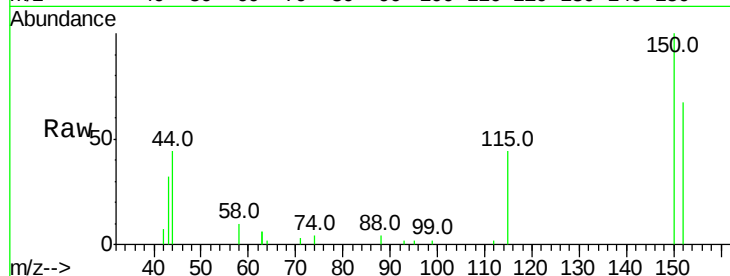


#1

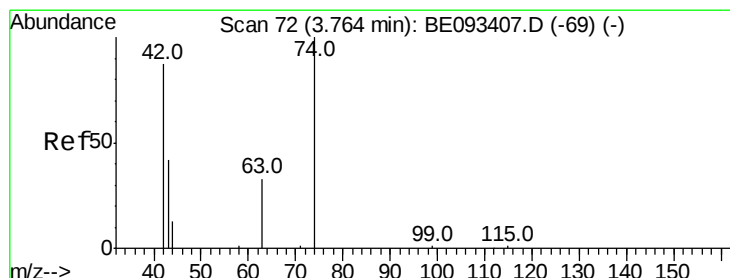
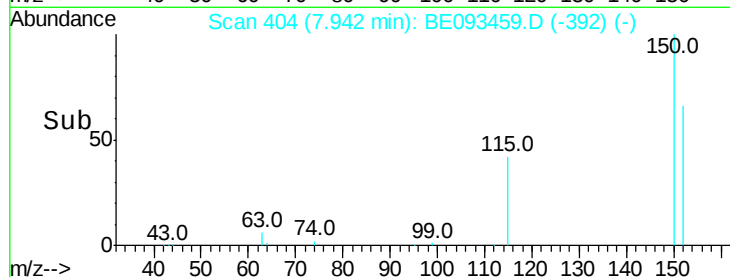
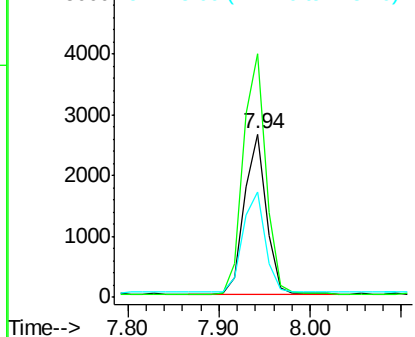
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093459.D
Acq: 13 Jul 2017 15:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4380
Ion Ratio Lower Upper
152 100
150 149.4 125.1 187.7
115 65.0 55.7 83.5



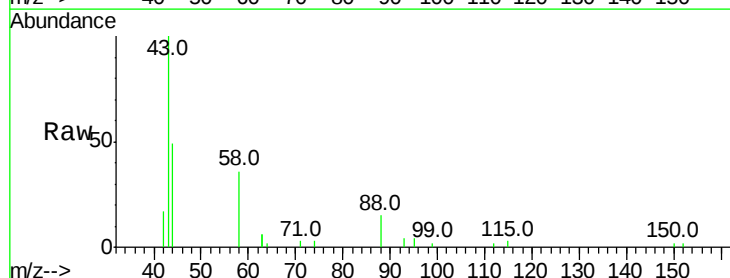
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



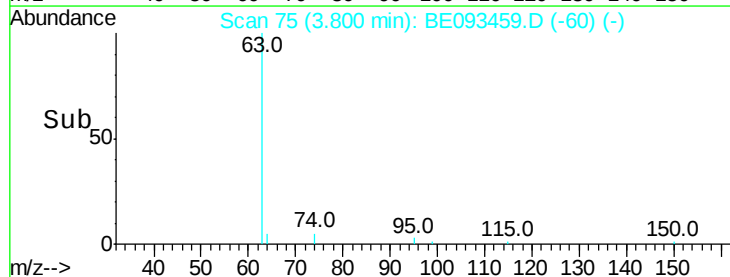
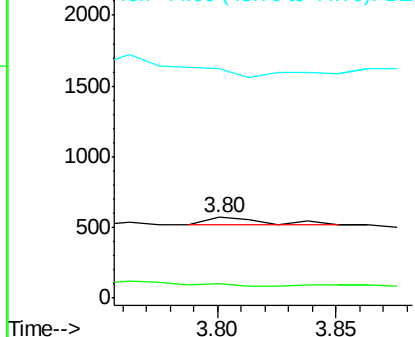
#3

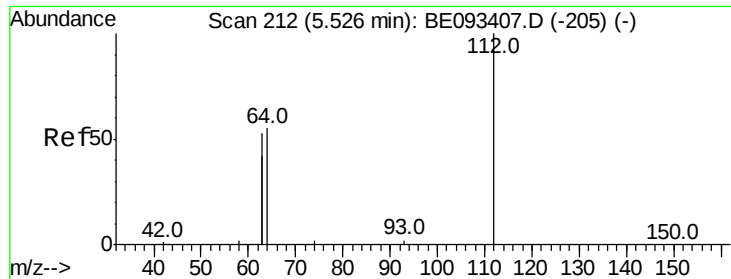
n-Nitrosodimethylamine
Concen: 0.138 ng
RT: 3.80 min Scan# 75
Delta R.T. 0.04 min
Lab File: BE093459.D
Acq: 13 Jul 2017 15:17

Tgt Ion: 42 Resp: 89
Ion Ratio Lower Upper
42 100
74 0.0 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: 0.054 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

Instrument :

BNA_E

ClientSampleId :

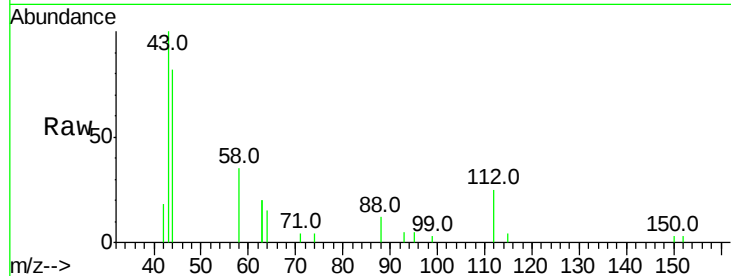
Tot Ion:112 Resp: 709

Ion Ratio Lower Upper

112 100

64 75.3 56.4 84.6

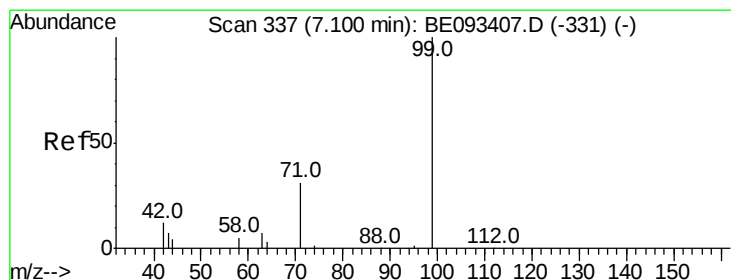
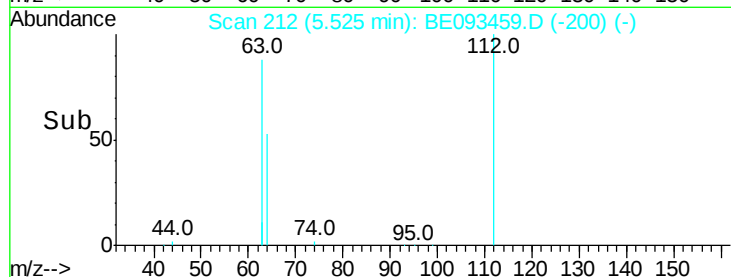
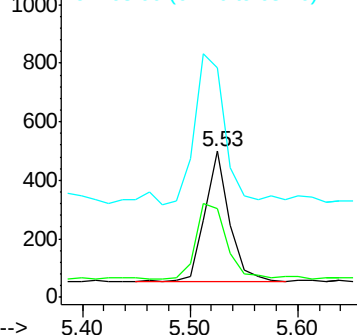
63 143.9 29.3 43.9#



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: 0.040 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

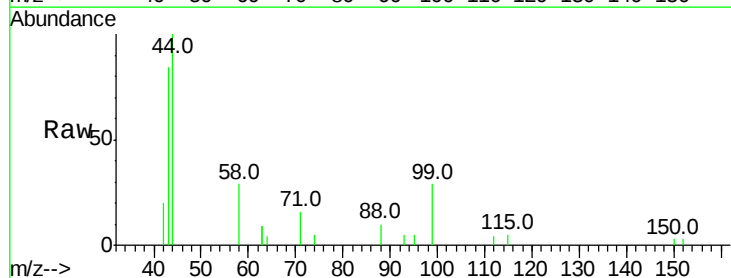
Tgt Ion: 99 Resp: 788

Ion Ratio Lower Upper

99 100

42 27.9 0.0 0.0#

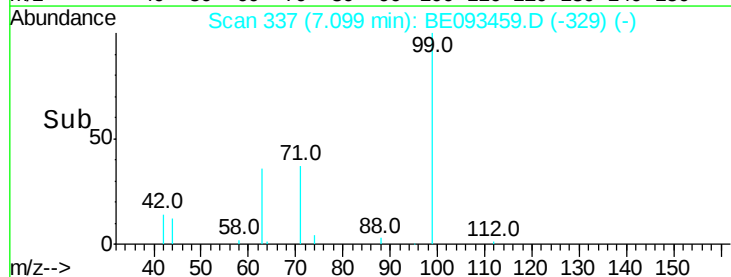
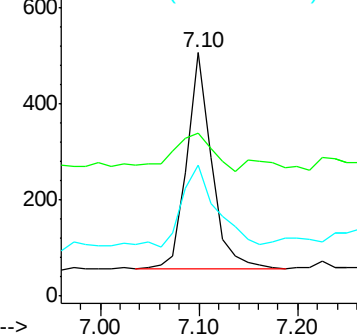
71 48.7 0.0 0.0#

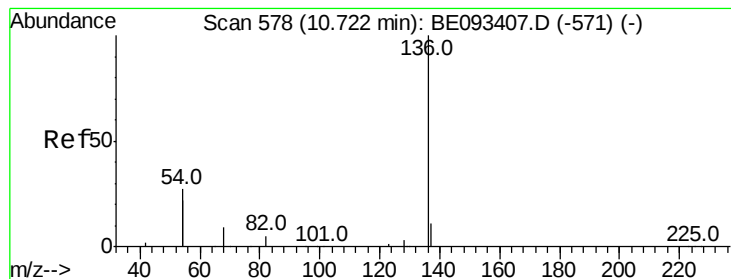


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093459.D

Acq: 13 Jul 2017 15:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 22572

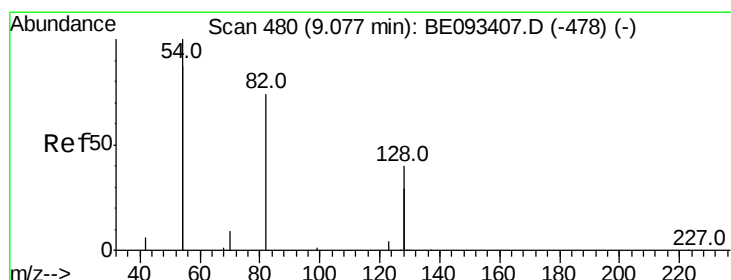
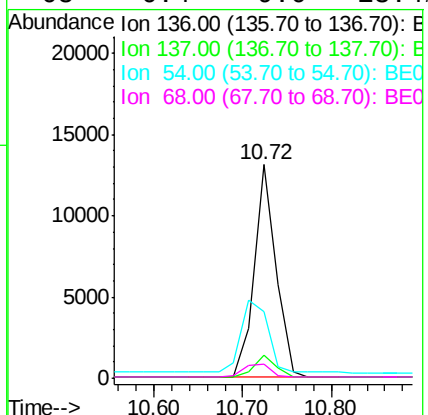
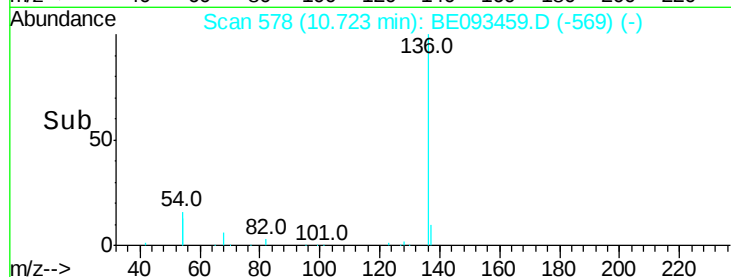
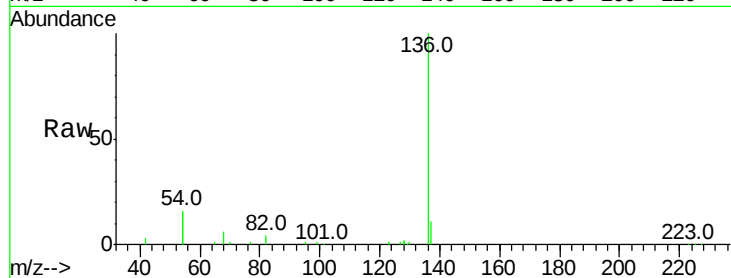
Ion Ratio Lower Upper

136 100

137 10.8 9.8 14.8

54 31.3 10.3 15.5#

68 6.4 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.179 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

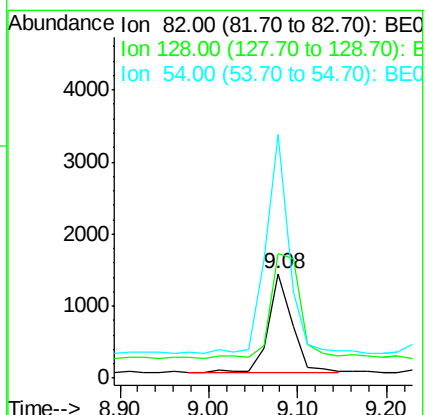
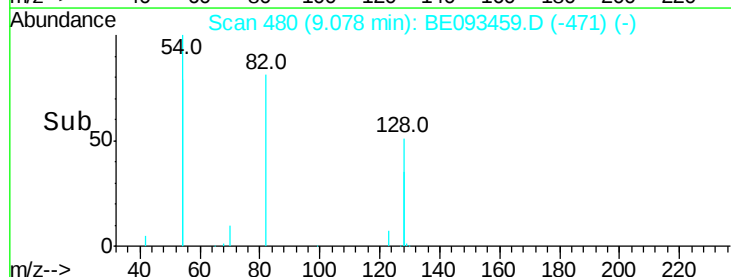
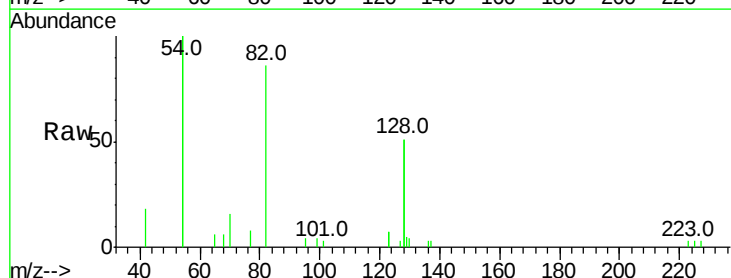
Tgt Ion: 82 Resp: 2578

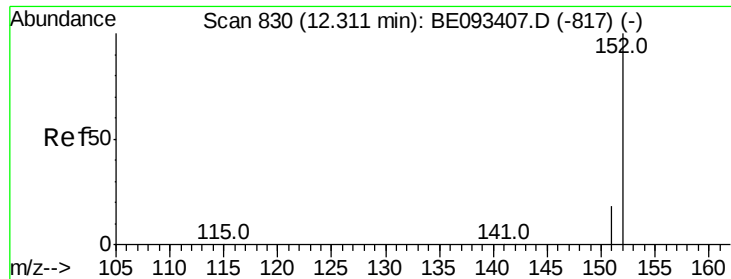
Ion Ratio Lower Upper

82 100

128 119.8 17.0 25.4#

54 233.3 53.8 80.6#

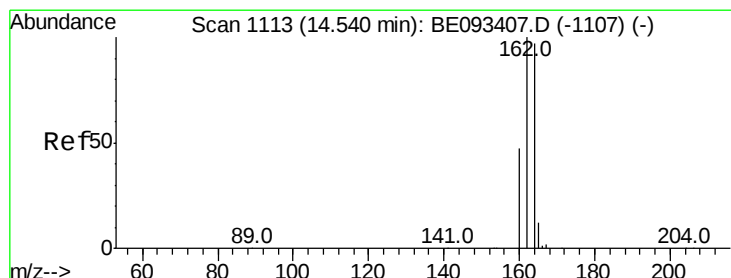
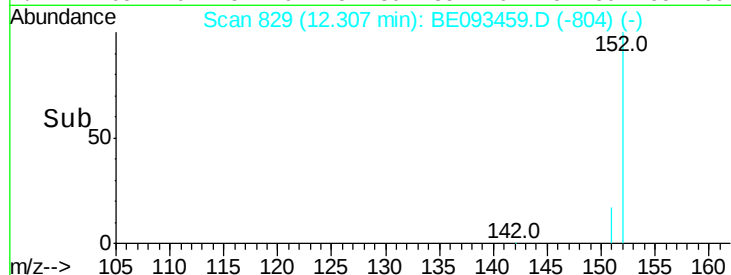
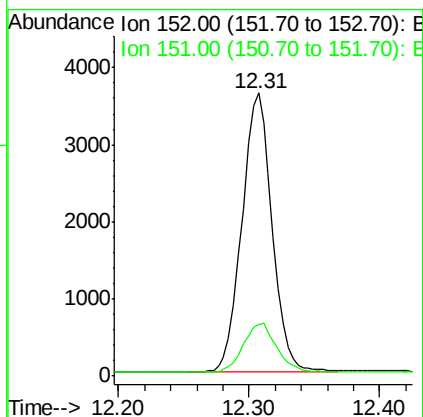
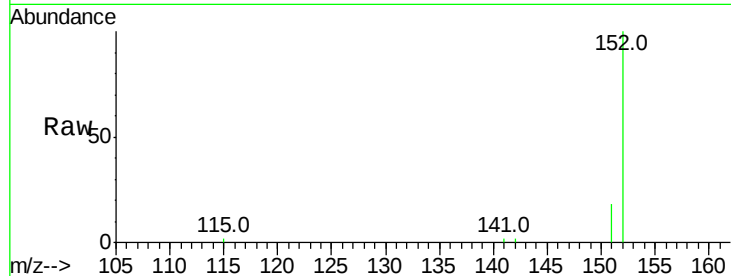




#11
 2-Methylnaphthalene-d10
 Concen: 0.161 ng
 RT: 12.31 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BE093459.D
 Acq: 13 Jul 2017 15:17

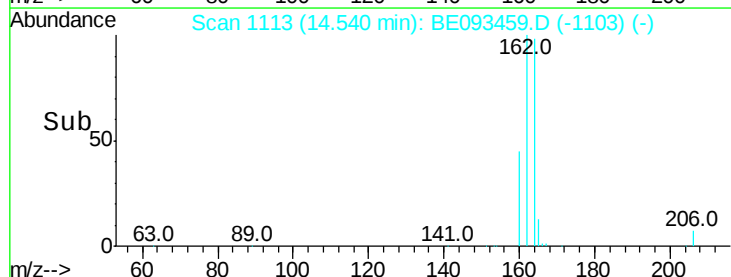
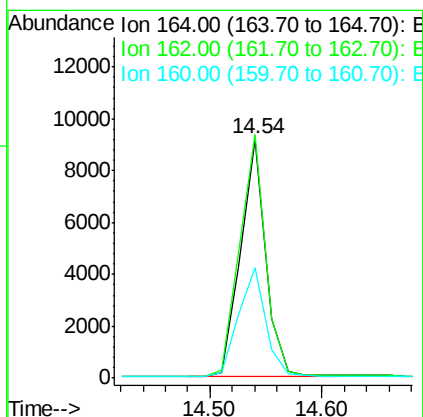
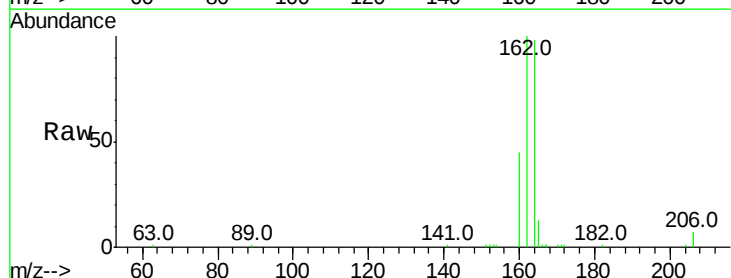
Instrument :
 BNA_E
 ClientSampleId :

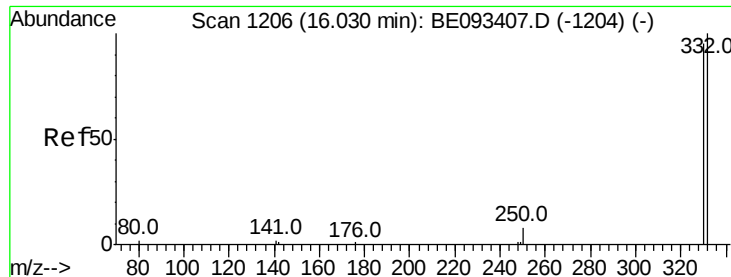
Tot Ion:152 Resp: 5782
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093459.D
 Acq: 13 Jul 2017 15:17

Tgt Ion:164 Resp: 14342
 Ion Ratio Lower Upper
 164 100
 162 102.0 84.6 127.0
 160 46.2 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.040 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

Instrument :

BNA_E

ClientSampleId :

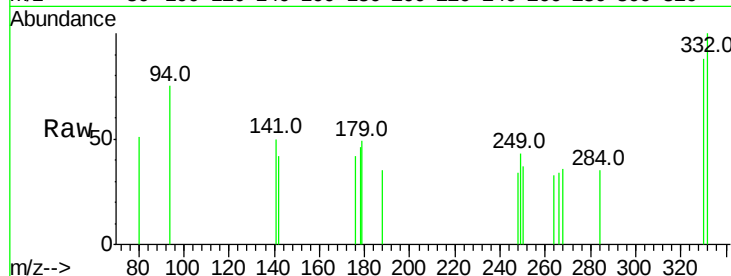
Tot Ion:330 Resp: 182

Ion Ratio Lower Upper

330 100

332 118.1 77.7 116.5#

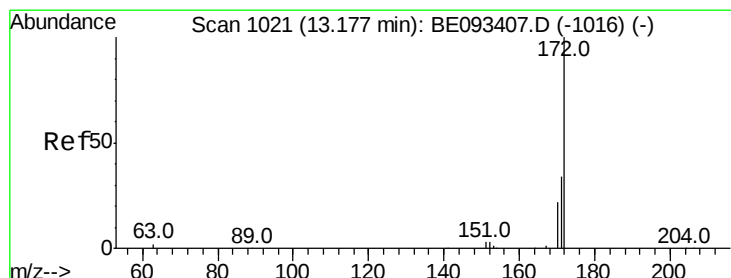
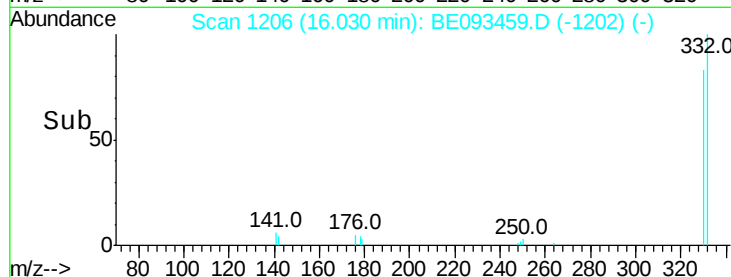
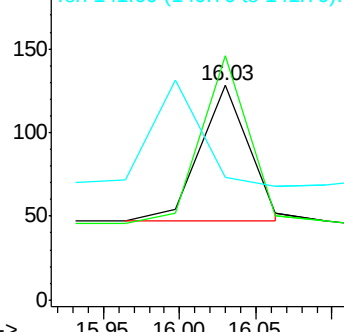
141 0.0 56.2 84.4#



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: 0.289 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

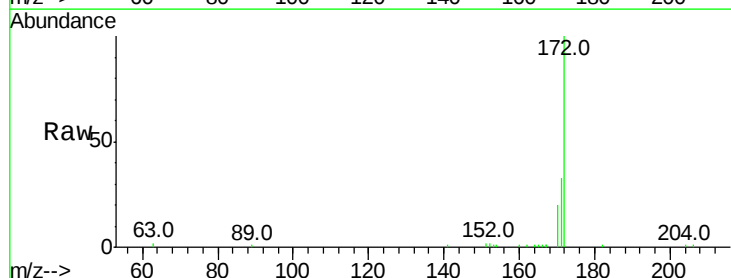
Tgt Ion:172 Resp: 16064

Ion Ratio Lower Upper

172 100

171 33.0 29.8 44.6

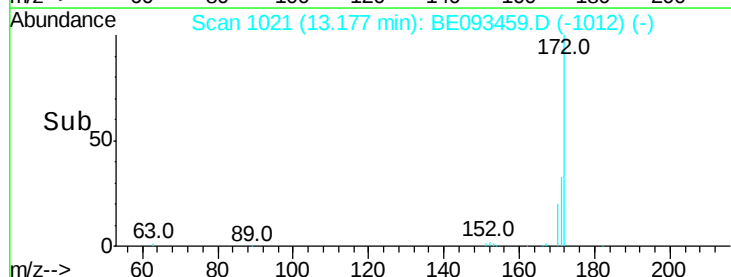
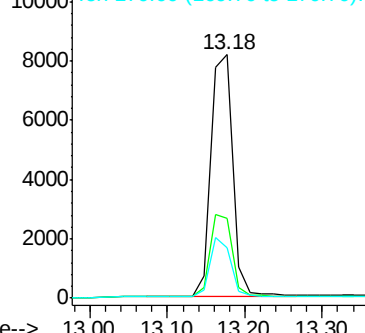
170 20.4 20.7 31.1#

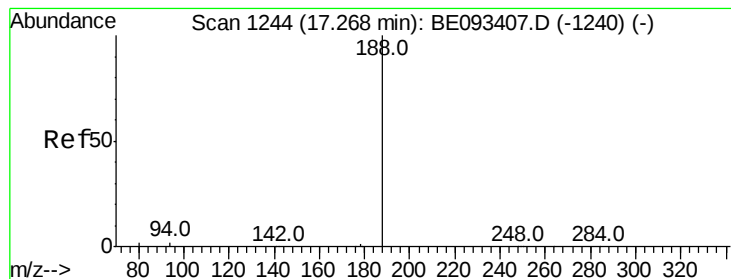


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE093459.D

Acq: 13 Jul 2017 15:17

Instrument :

BNA_E

ClientSampleId :

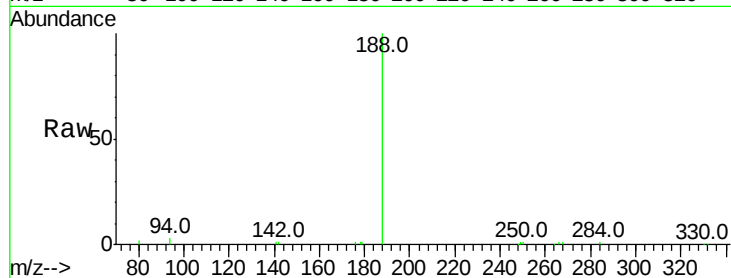
Tot Ion:188 Resp: 26967

Ion Ratio Lower Upper

188 100

94 2.6 11.3 16.9#

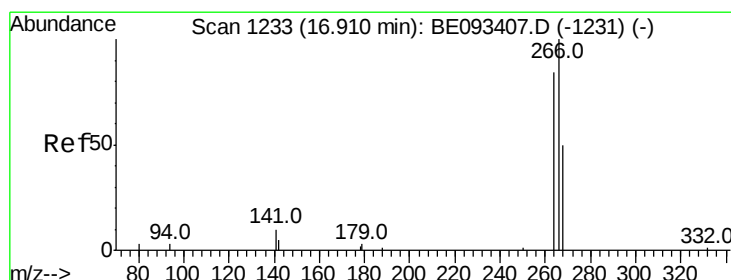
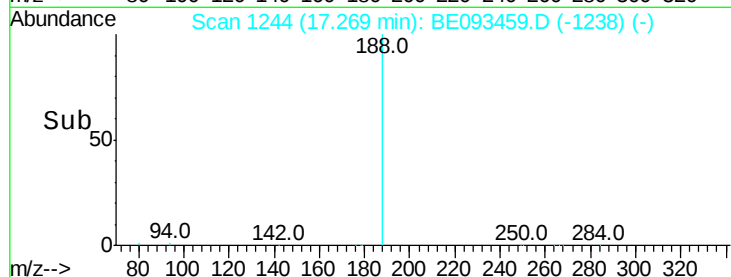
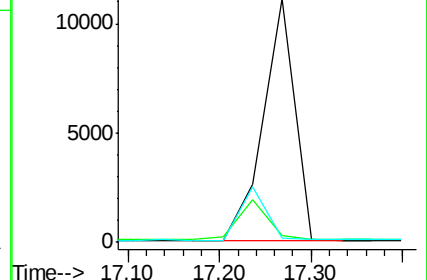
80 1.9 11.7 17.5#



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: Below Cal

RT: 16.88 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

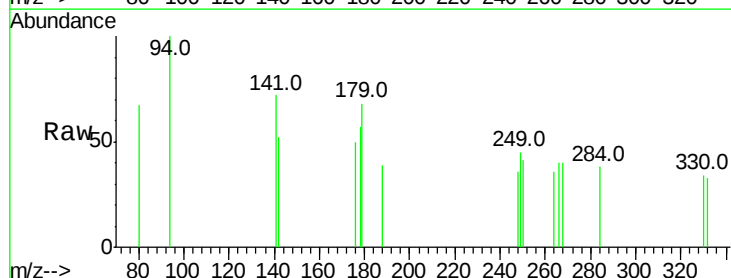
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 91.2 58.2 87.2#

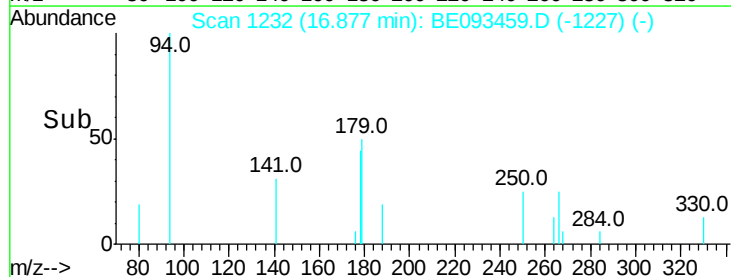
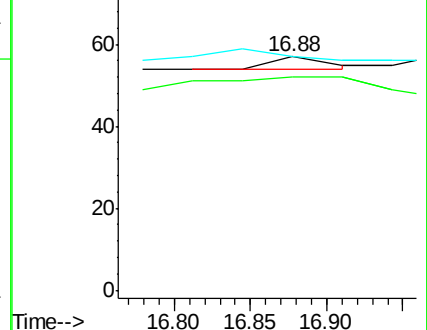
268 100.0 71.9 107.9

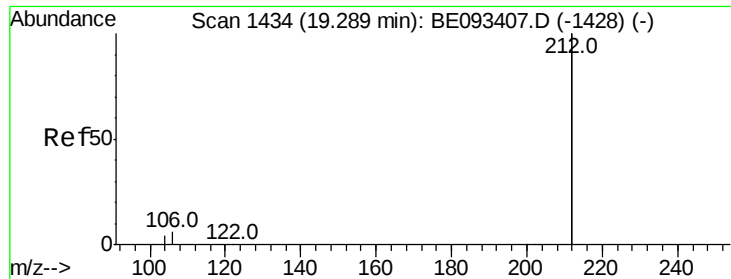


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.213 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

Instrument :

BNA_E

ClientSampleId :

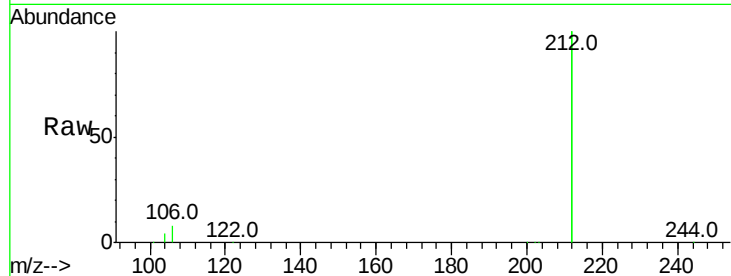
Tot Ion:212 Resp: 69194

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

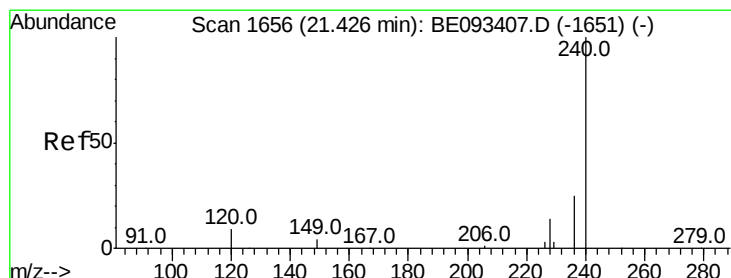
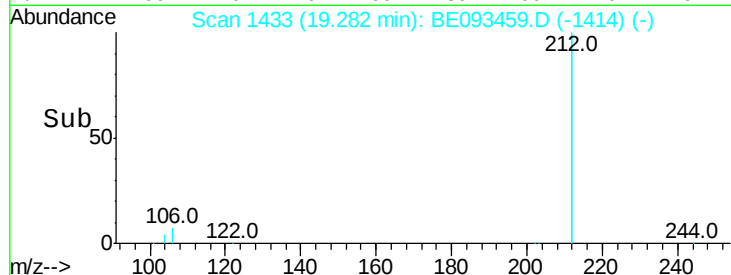
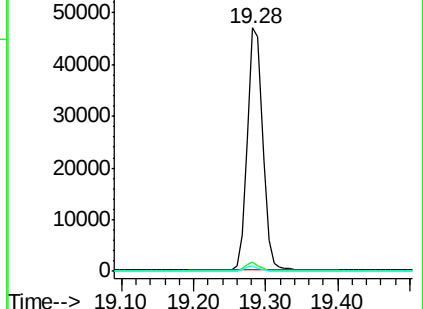
104 2.0 1.6 2.4



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: BE093459.D

Acq: 13 Jul 2017 15:17

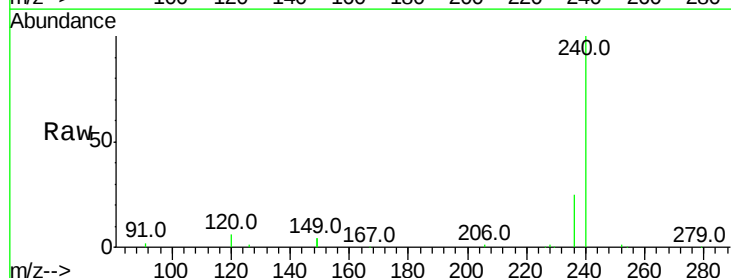
Tgt Ion:240 Resp: 37525

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

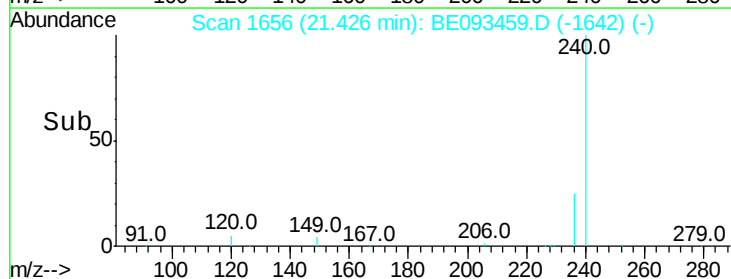
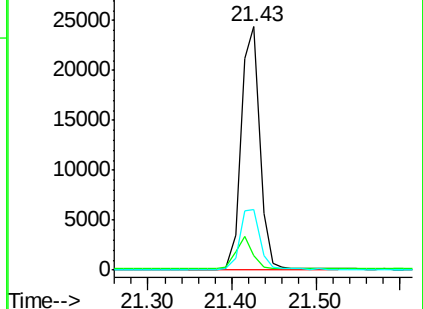
236 25.0 20.8 31.2

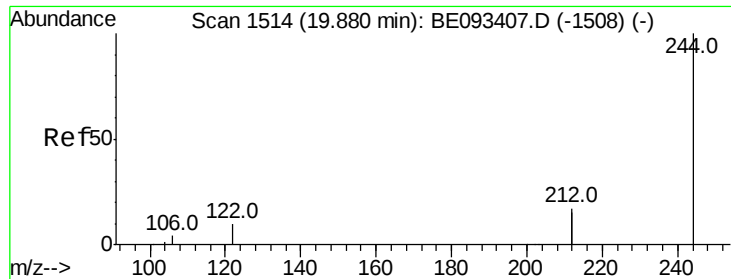


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.196 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

Instrument :

BNA_E

ClientSampleId :

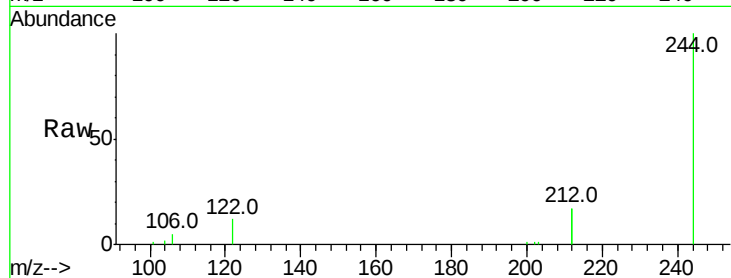
Tot Ion:244 Resp: 13160

Ion Ratio Lower Upper

244 100

212 34.0 10.6 16.0#

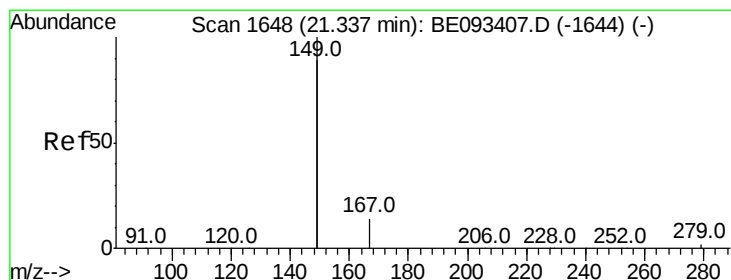
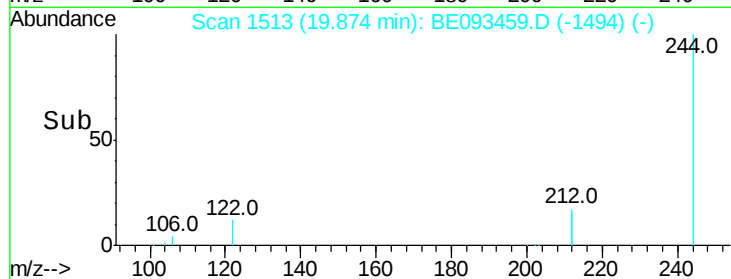
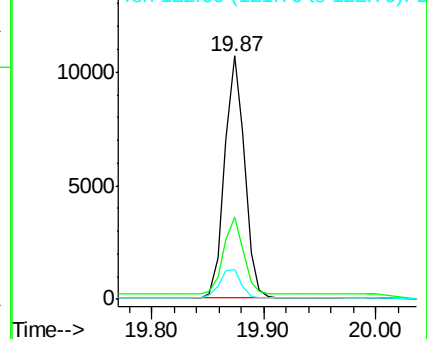
122 12.4 15.4 23.0#



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: 0.028 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

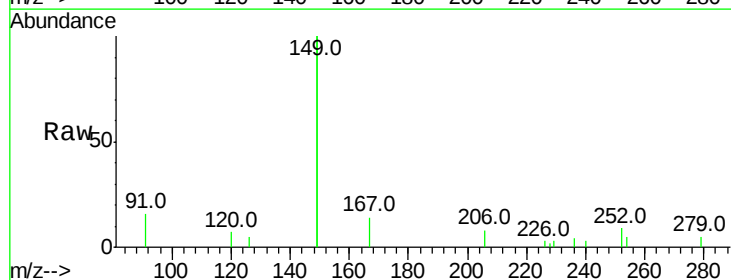
Tgt Ion:149 Resp: 4028

Ion Ratio Lower Upper

149 100

167 7.9 20.1 30.1#

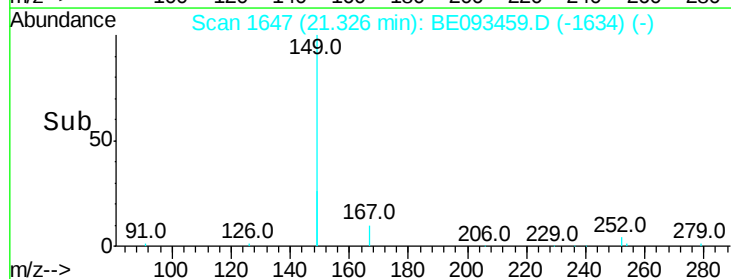
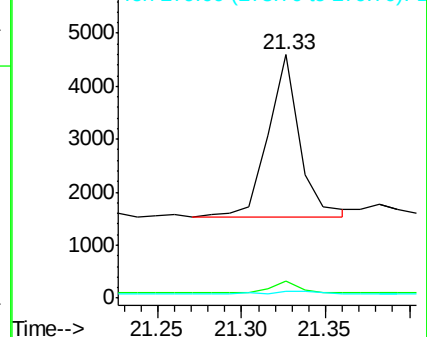
279 2.1 2.2 3.4#

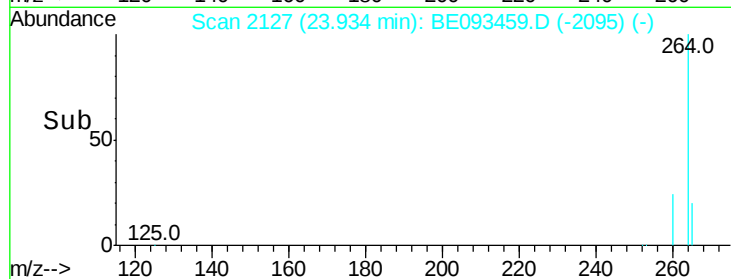
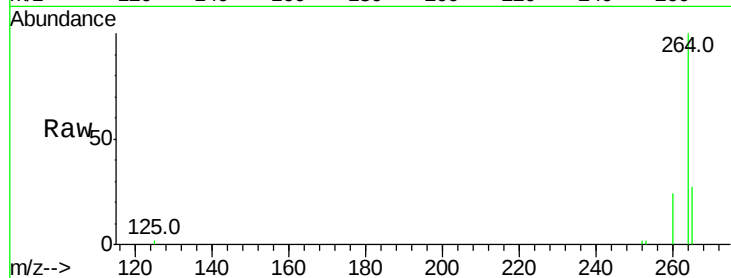
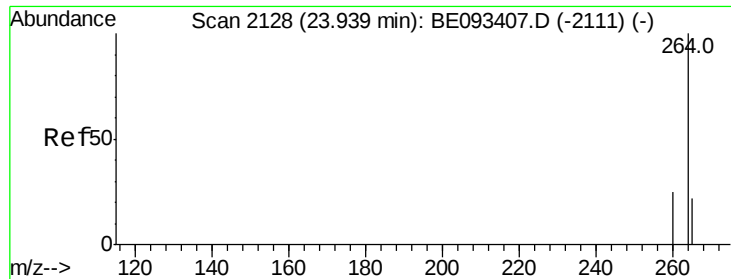


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BE093459.D

Acq: 13 Jul 2017 15:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 31776

Ion Ratio Lower Upper

264 100

260 24.1 21.0 31.4

265 26.8 24.6 36.8

