

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093486.D
 Acq On : 19 Jul 2017 15:58
 Operator : SJ/JU
 Sample : I4199-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:02:26 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

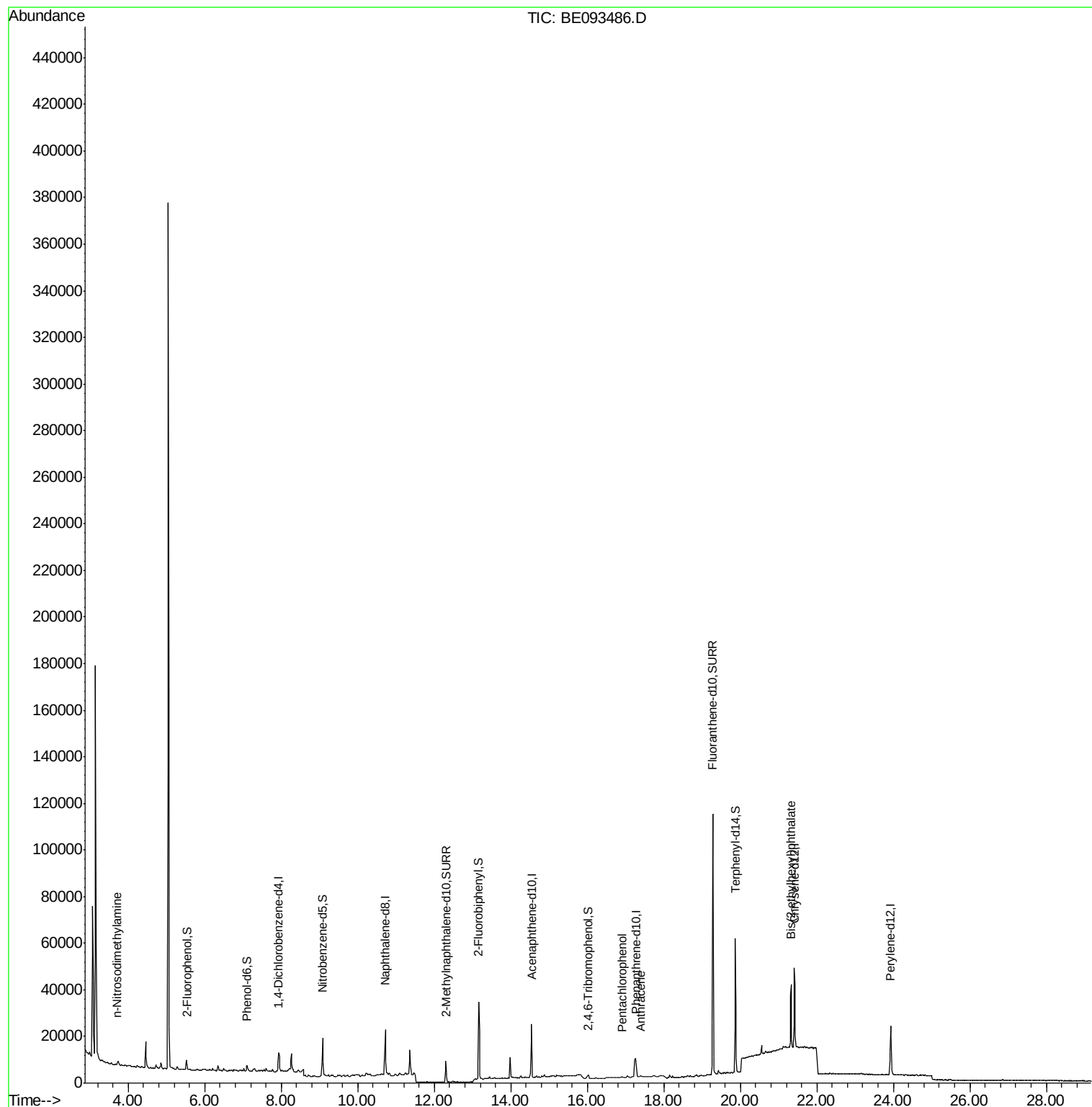
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	4043	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	22739	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14388	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	22205	0.40	ng	0.00
27) Chrysene-d12	21.42	240	36678	0.40	ng	-0.01
34) Perylene-d12	23.93	264	32074	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2365	0.19	ng	0.00
5) Phenol-d6	7.10	99	2512	0.14	ng	0.00
8) Nitrobenzene-d5	9.08	82	6476	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12275	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1541	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	31756	0.57	ng	-0.01
25) Fluoranthene-d10	19.28	212	145260	0.54	ng	0.00
29) Terphenyl-d14	19.87	244	49354	0.75	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.72	42	331	0.178	ng	# 1
22) Pentachlorophenol	16.91	266	227	0.092	ng	# 90
24) Anthracene	17.40	178	1103	0.022	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.33	149	34820	0.244	ng	# 67

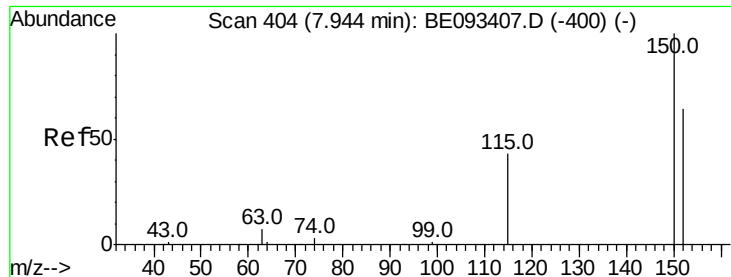
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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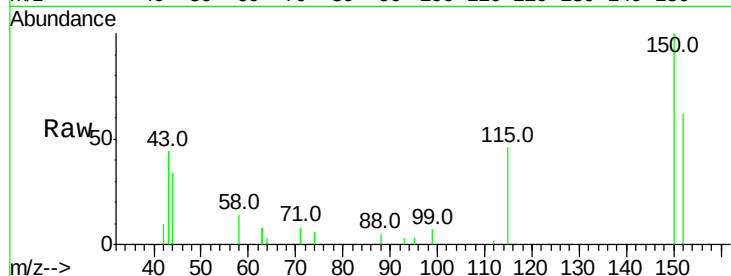


#1

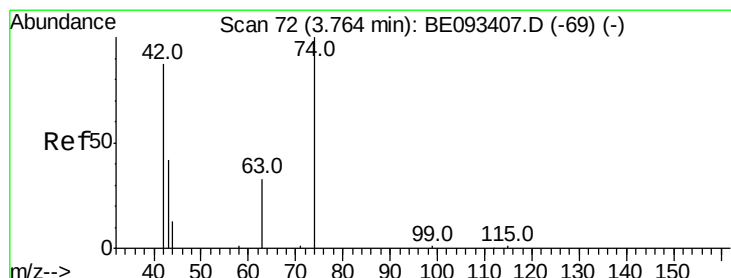
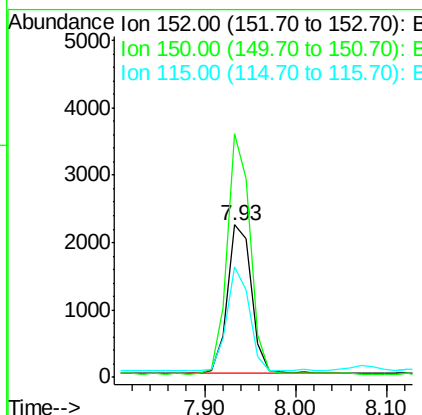
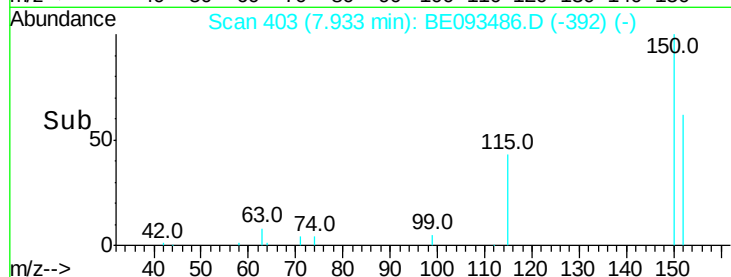
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093486.D
Acq: 19 Jul 2017 15:58

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 4043
Ion Ratio Lower Upper
152 100
150 160.0 125.1 187.7
115 72.9 55.7 83.5



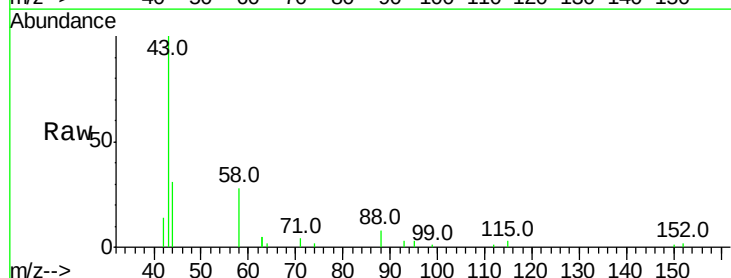
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



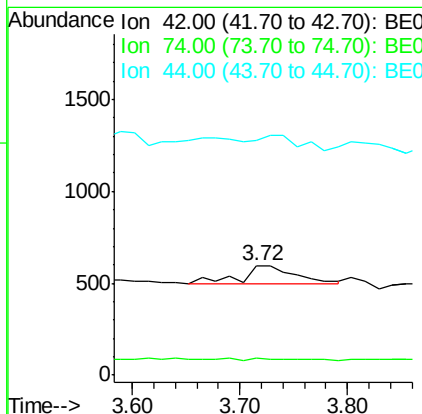
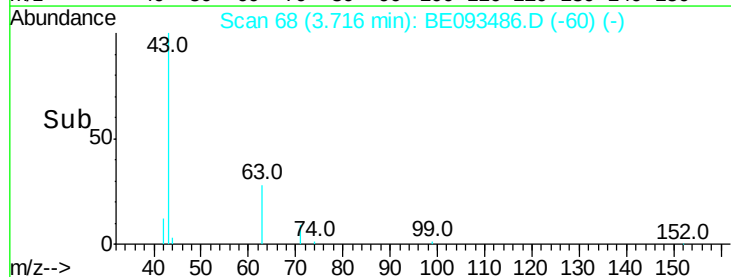
#3

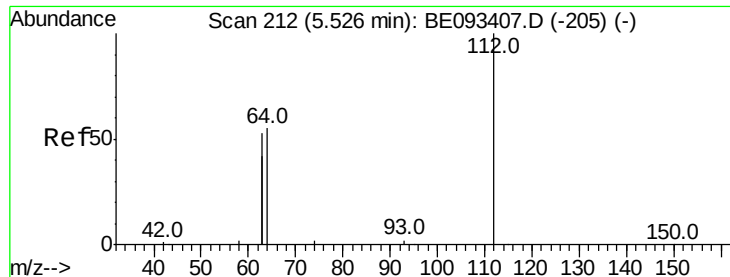
n-Nitrosodimethylamine
Concen: 0.178 ng
RT: 3.72 min Scan# 68
Delta R.T. -0.05 min
Lab File: BE093486.D
Acq: 19 Jul 2017 15:58

Tgt Ion: 42 Resp: 331
Ion Ratio Lower Upper
42 100
74 9.4 99.1 148.7#
44 69.5 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: 0.194 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

Instrument :

BNA_E

ClientSampled :

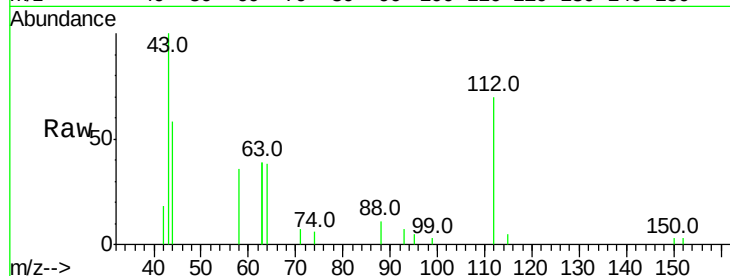
Tot Ion:112 Resp: 2365

Ion Ratio Lower Upper

112 100

64 67.4 56.4 84.6

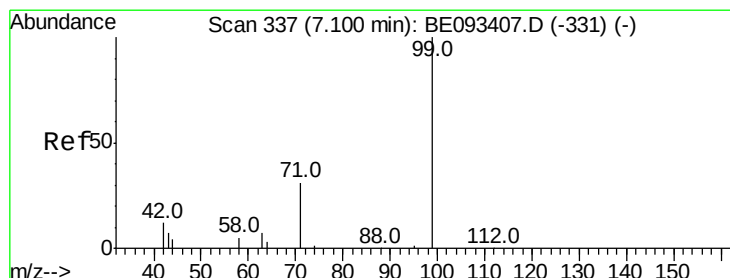
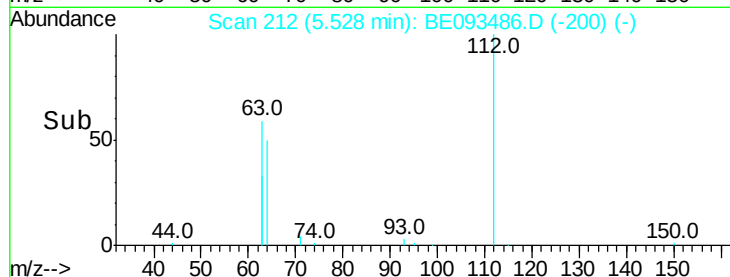
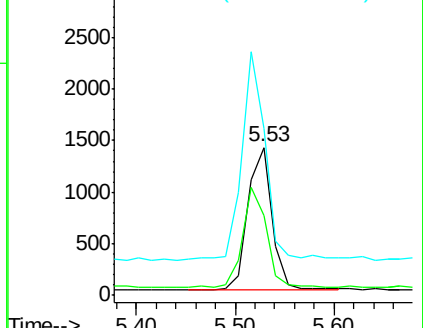
63 135.7 29.3 43.9#



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: 0.140 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

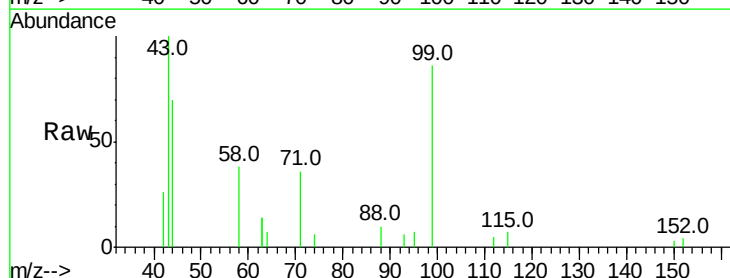
Tgt Ion: 99 Resp: 2512

Ion Ratio Lower Upper

99 100

42 16.2 0.0 0.0#

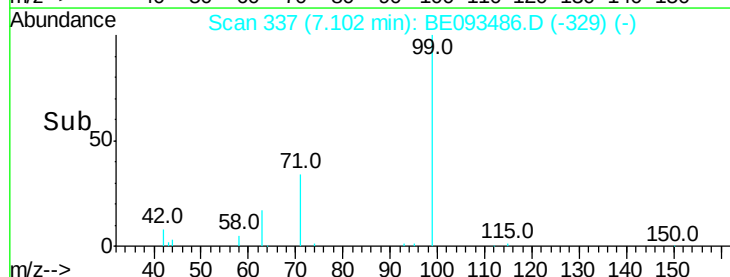
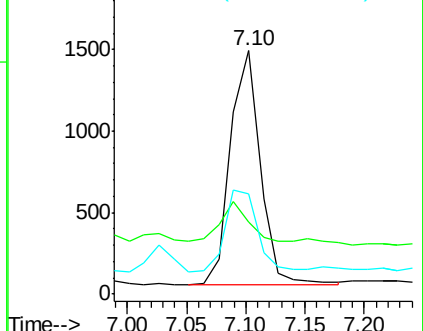
71 38.8 0.0 0.0#

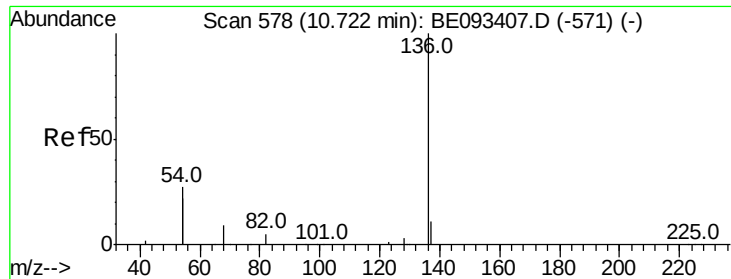


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093486.D

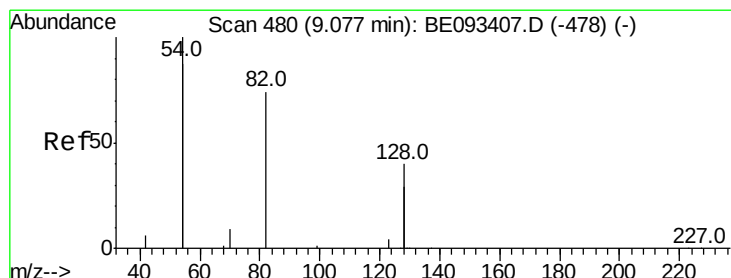
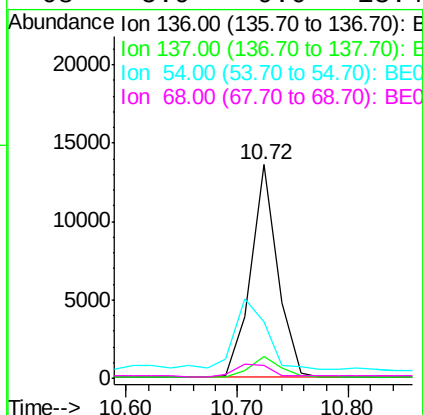
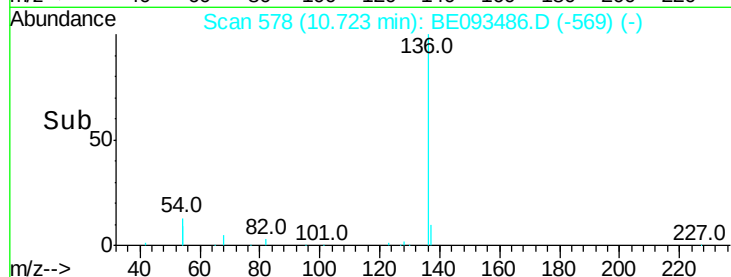
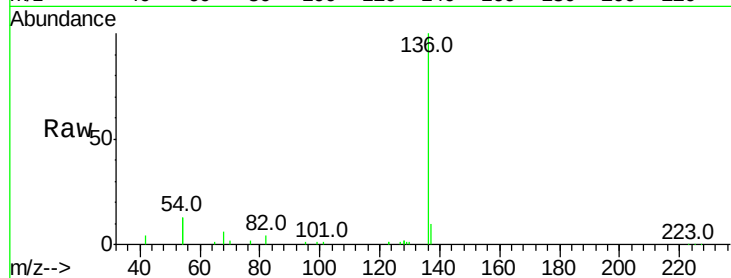
Acq: 19 Jul 2017 15:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	22739
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.8	14.8
54 26.1	10.3	15.5#
68 5.9	9.0	13.4#



#8

Nitrobenzene-d5

Concen: 0.446 ng

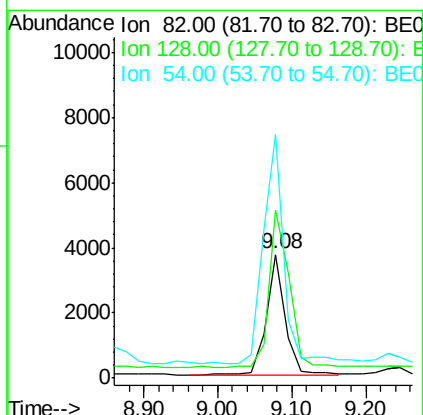
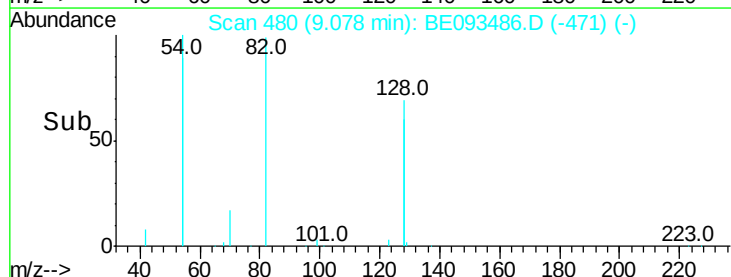
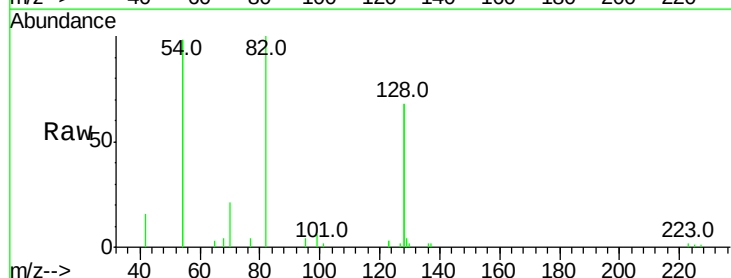
RT: 9.08 min Scan# 480

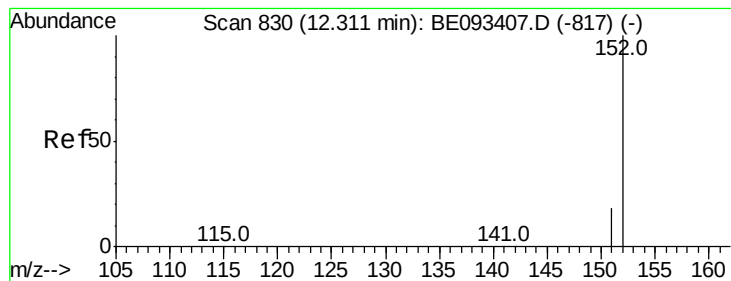
Delta R.T. 0.00 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

Tgt	Ion: 82	Resp:	6476
Ion	Ratio	Lower	Upper
82	100		
128	136.2	17.0	25.4#
54	196.8	53.8	80.6#





#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

Instrument :

BNA_E

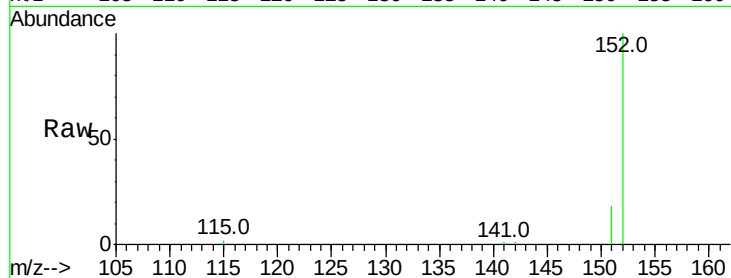
ClientSampleId :

Tot Ion:152 Resp: 12275

Ion Ratio Lower Upper

152 100

151 19.3 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

8000

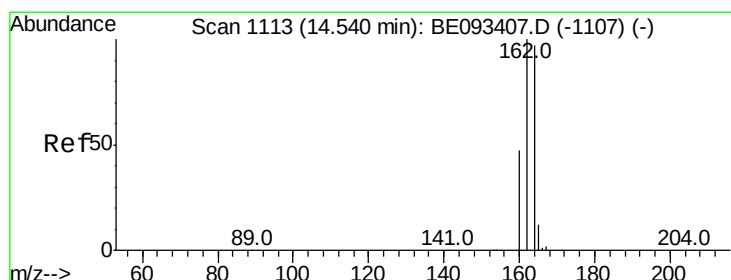
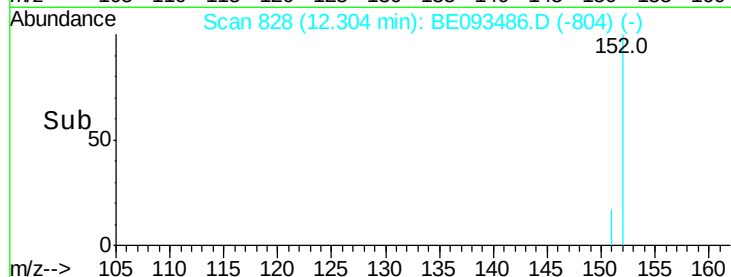
6000

4000

2000

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

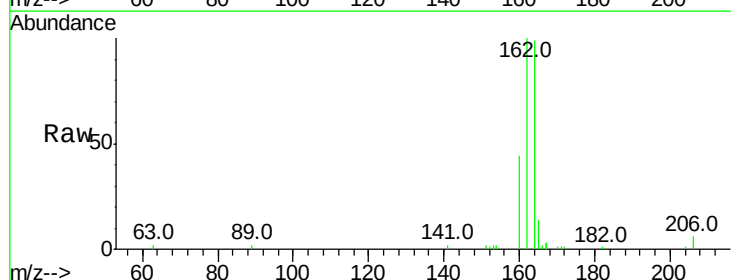
Tgt Ion:164 Resp: 14388

Ion Ratio Lower Upper

164 100

162 100.5 84.6 127.0

160 43.9 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

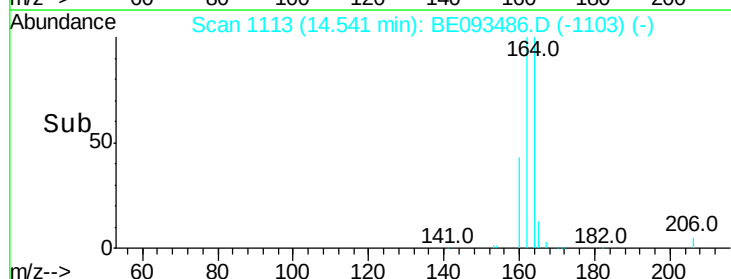
6000

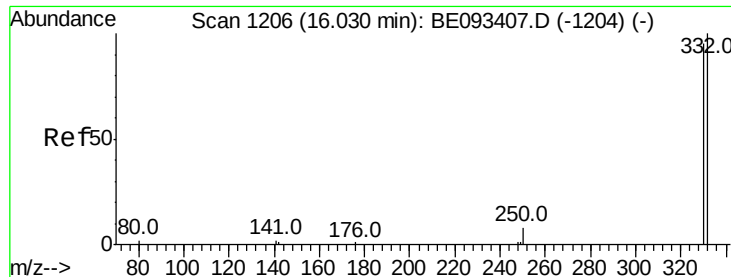
4000

2000

0

Time-->

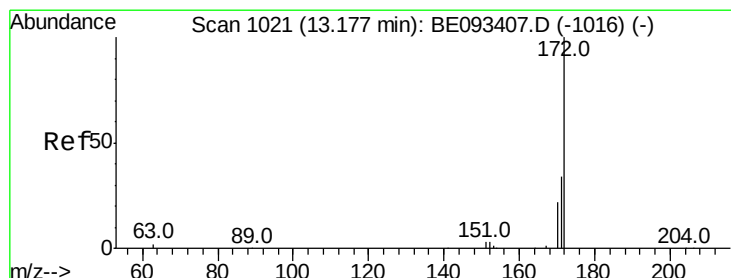
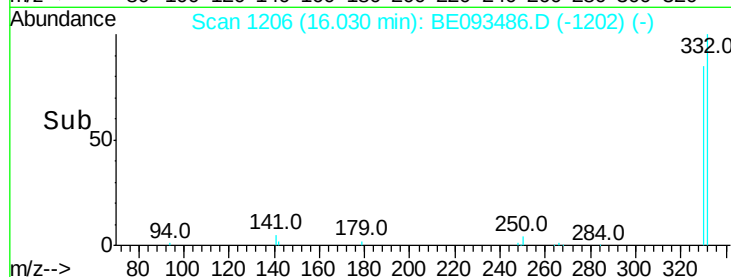
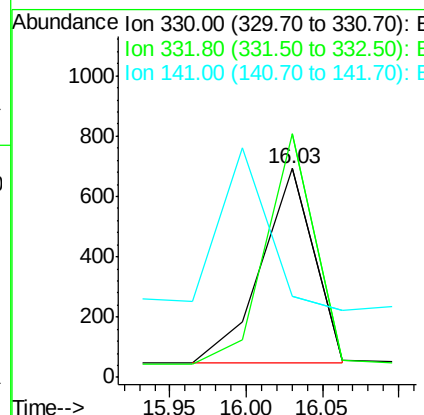
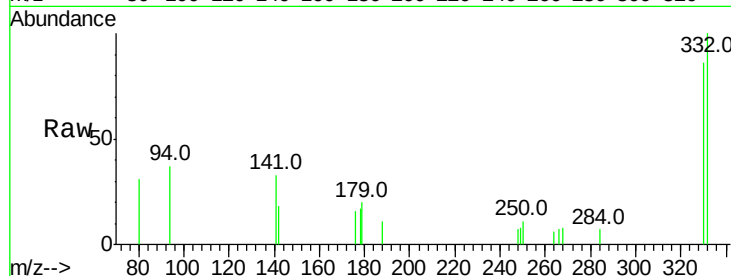




#14
 2,4,6-Tribromophenol
 Concen: 0.341 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093486.D
 Acq: 19 Jul 2017 15:58

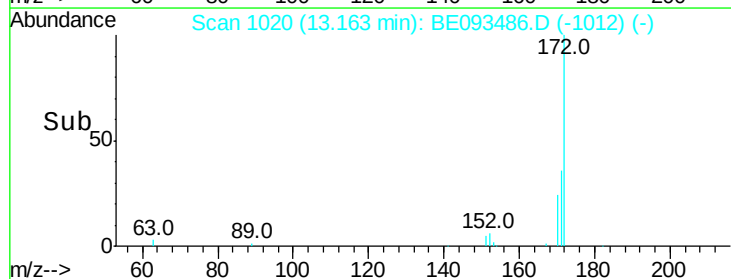
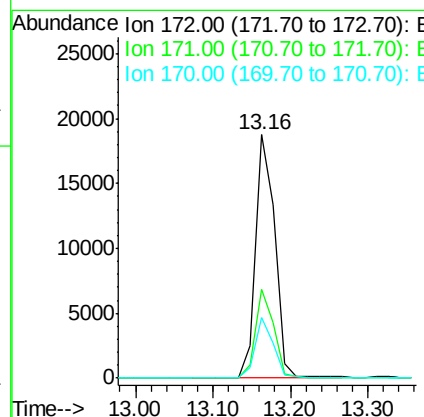
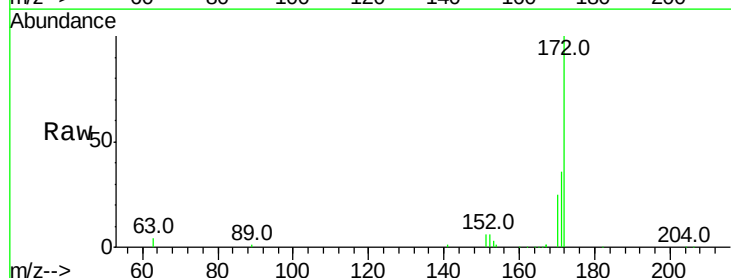
Instrument :
 BNA_E
 ClientSampleId :

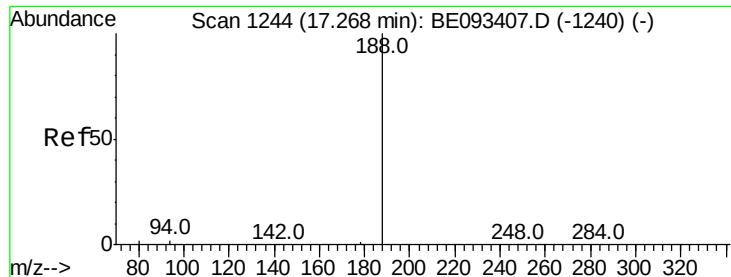
Tot Ion:330 Resp: 1541
 Ion Ratio Lower Upper
 330 100
 332 107.9 77.7 116.5
 141 0.0 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.569 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BE093486.D
 Acq: 19 Jul 2017 15:58

Tgt Ion:172 Resp: 31756
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.8 44.6
 170 24.7 20.7 31.1

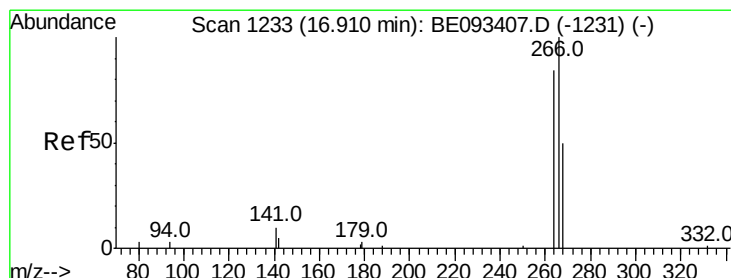
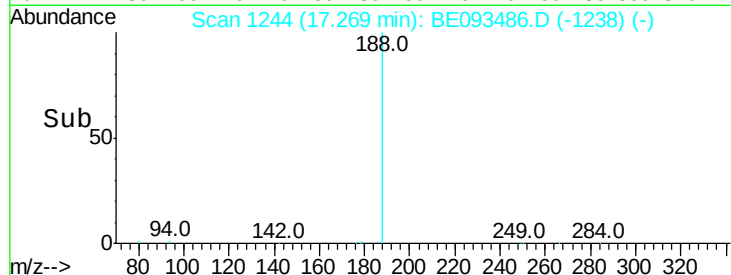
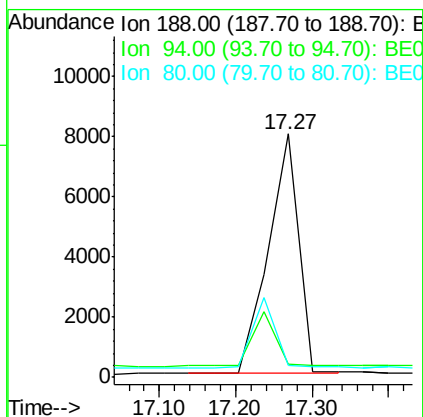
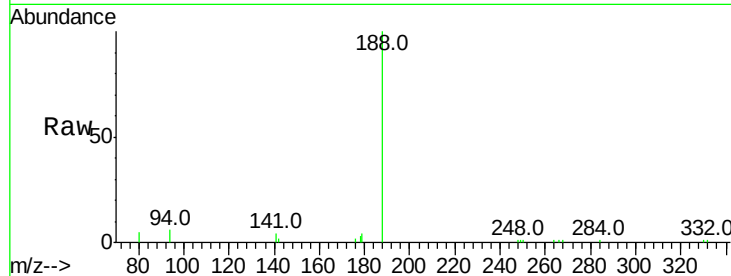




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093486.D
Acq: 19 Jul 2017 15:58

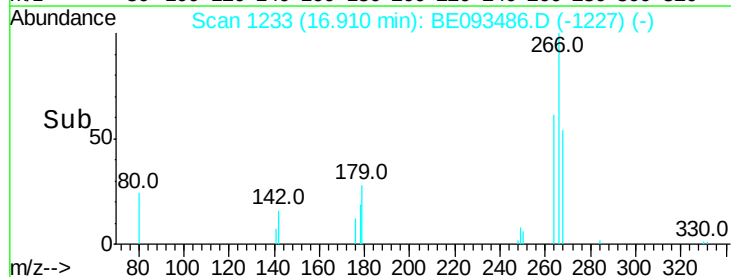
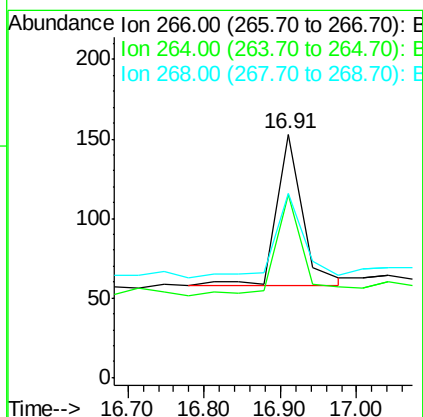
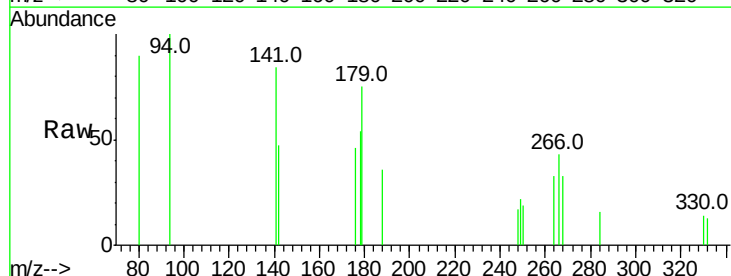
Instrument :
BNA_E
ClientSampled :

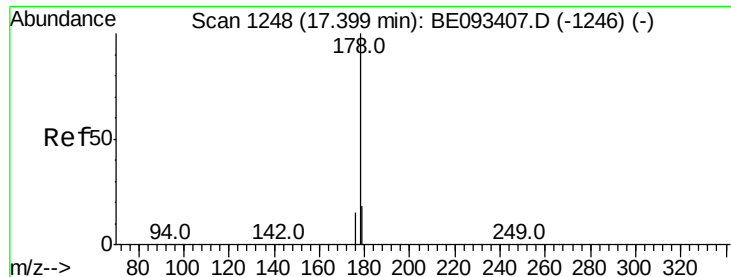
Tot Ion:188 Resp: 22205
Ion Ratio Lower Upper
188 100
94 5.6 11.3 16.9#
80 4.7 11.7 17.5#



#22
Pentachlorophenol
Concen: 0.092 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093486.D
Acq: 19 Jul 2017 15:58

Tgt Ion:266 Resp: 227
Ion Ratio Lower Upper
266 100
264 75.2 58.2 87.2
268 75.8 71.9 107.9





#24

Anthracene

Concen: 0.022 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

Instrument :

BNA_E

ClientSampled :

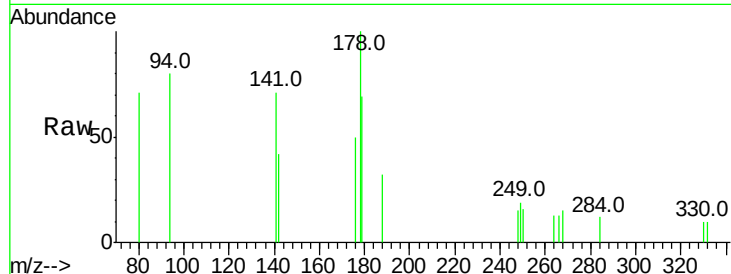
Tot Ion:178 Resp: 1103

Ion Ratio Lower Upper

178 100

176 28.2 14.6 22.0#

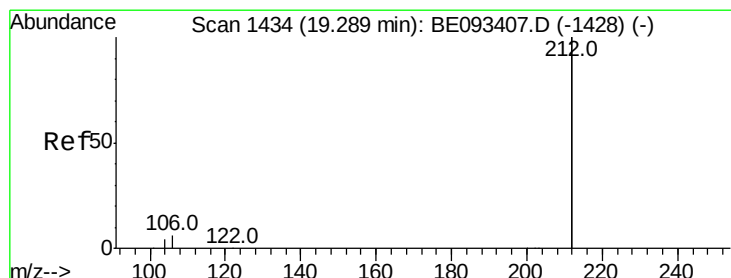
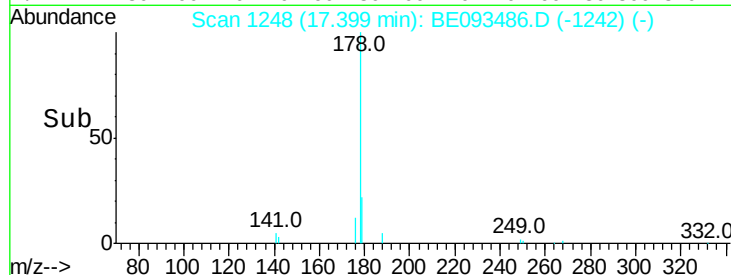
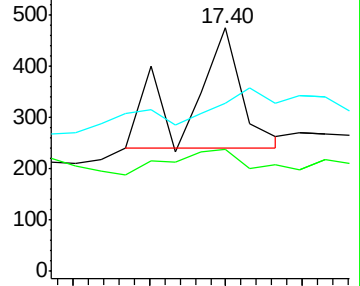
179 0.0 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.543 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

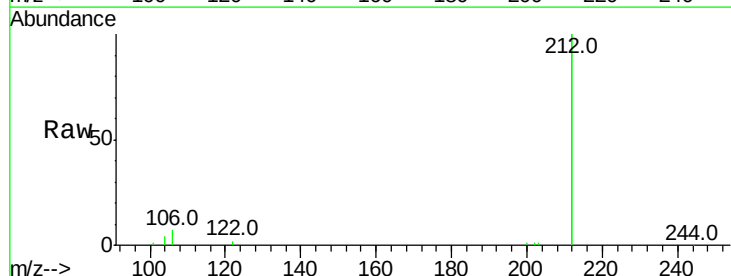
Tgt Ion:212 Resp: 145260

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

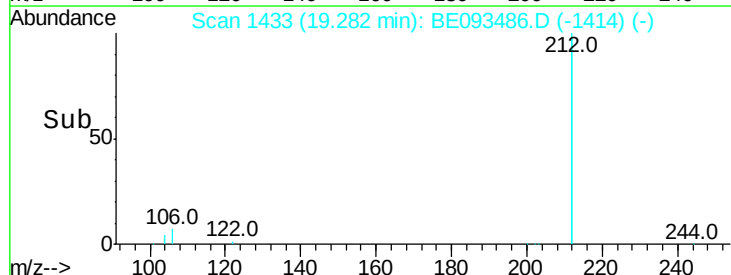
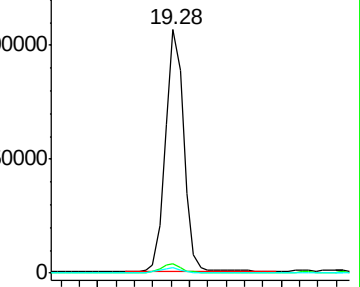
104 1.9 1.6 2.4

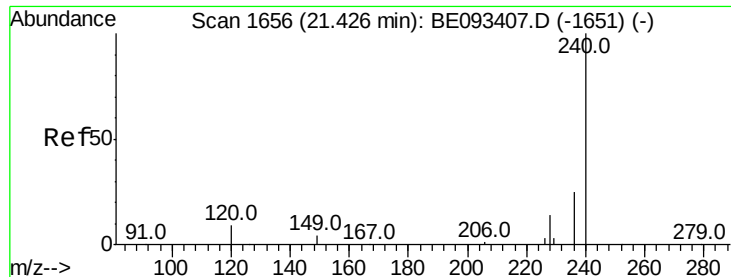


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

Instrument :

BNA_E

ClientSampleId :

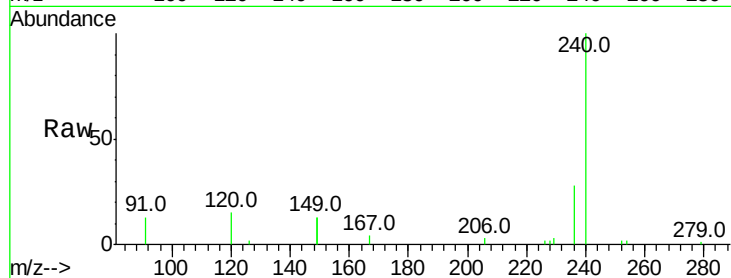
Tot Ion:240 Resp: 36678

Ion Ratio Lower Upper

240 100

120 15.3 4.6 7.0#

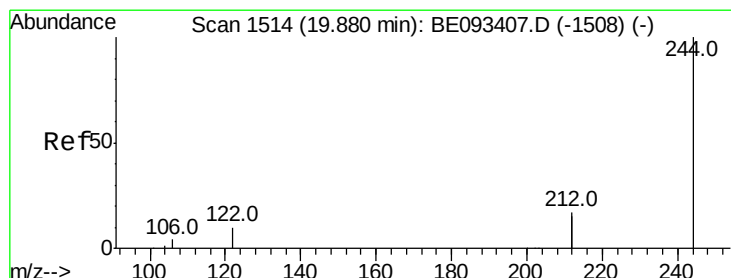
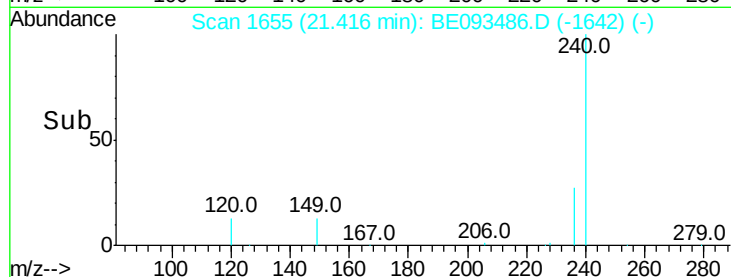
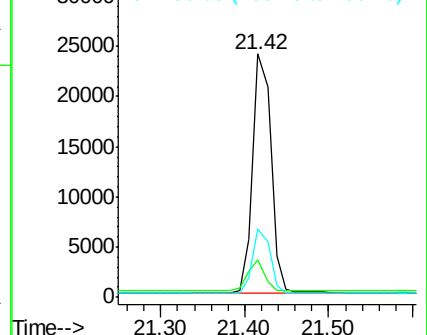
236 28.2 20.8 31.2



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: 0.754 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

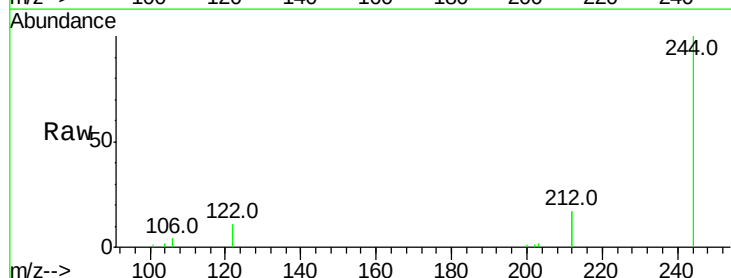
Tgt Ion:244 Resp: 49354

Ion Ratio Lower Upper

244 100

212 33.3 10.6 16.0#

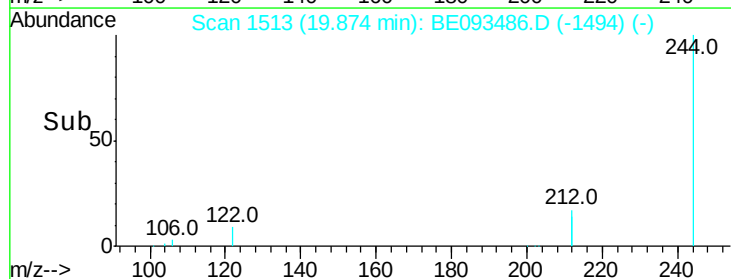
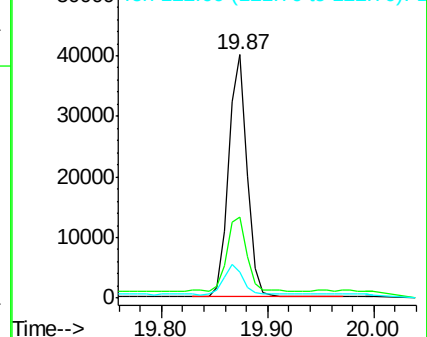
122 10.8 15.4 23.0#

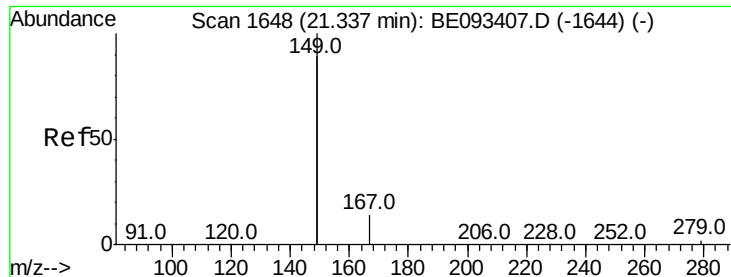


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.244 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

Instrument :

BNA_E

ClientSampleId :

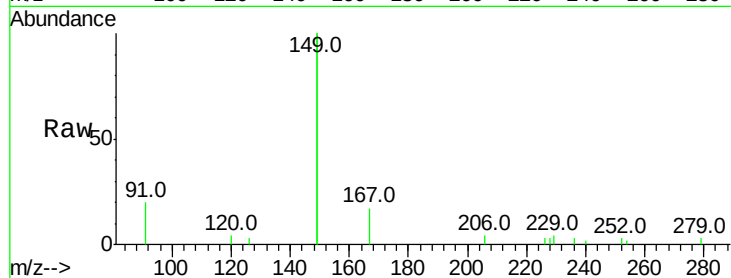
Tot Ion:149 Resp: 34820

Ion Ratio Lower Upper

149 100

167 6.9 20.1 30.1#

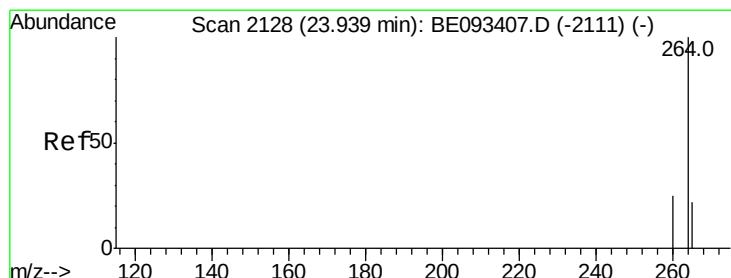
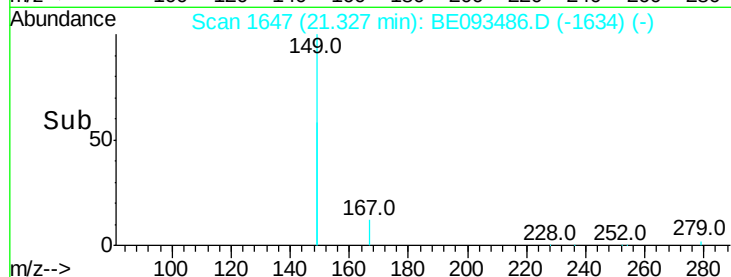
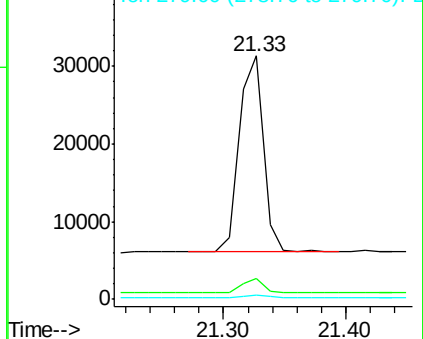
279 1.0 2.2 3.4#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093486.D

Acq: 19 Jul 2017 15:58

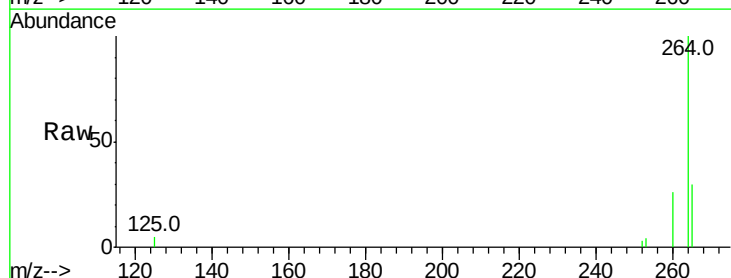
Tgt Ion:264 Resp: 32074

Ion Ratio Lower Upper

264 100

260 25.7 21.0 31.4

265 30.3 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

