

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093485.D
 Acq On : 19 Jul 2017 15:19
 Operator : SJ/JU
 Sample : I4199-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:02:16 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

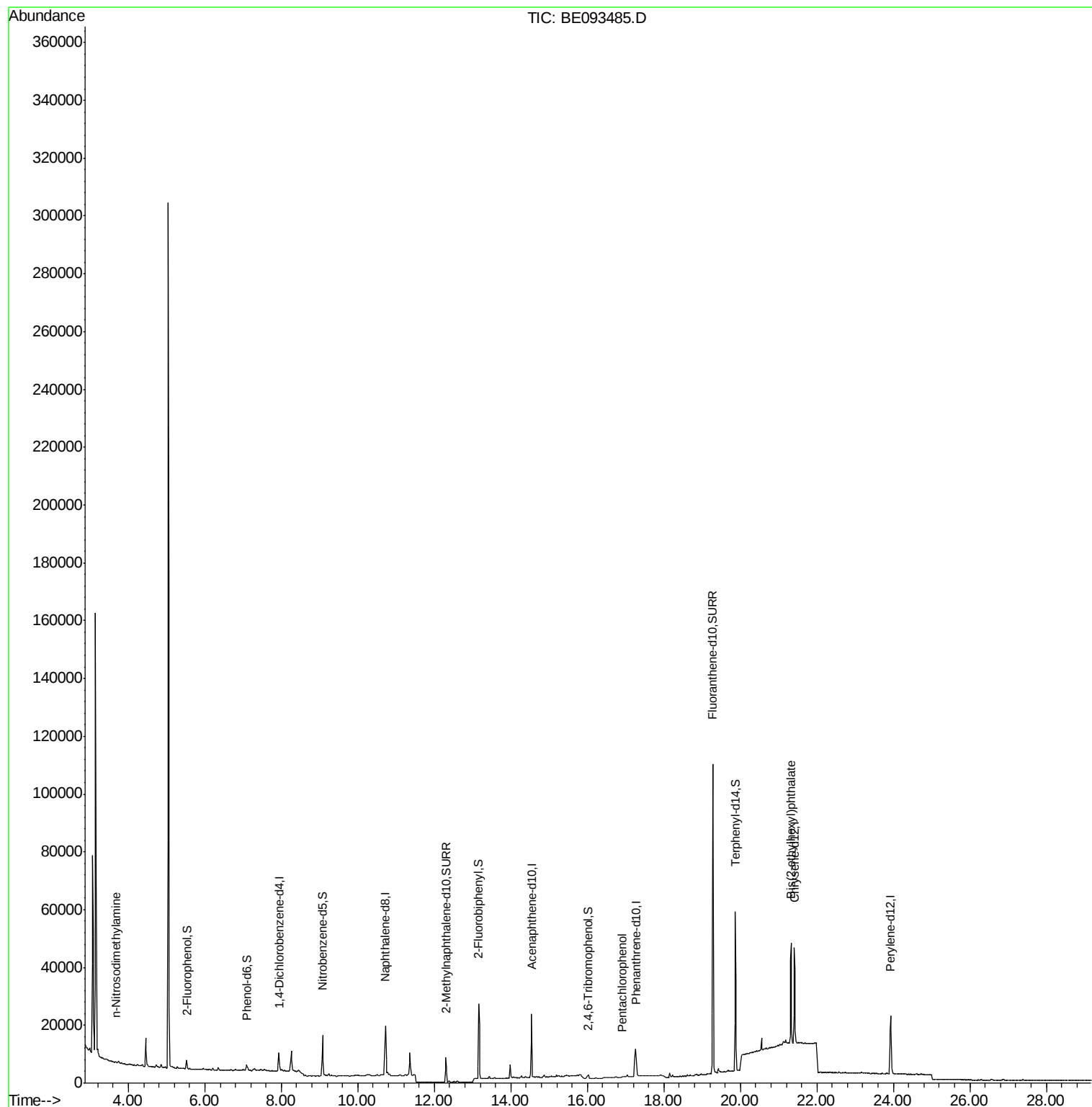
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3475	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19609	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13174	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	23210	0.40	ng	0.00
27) Chrysene-d12	21.42	240	35410	0.40	ng	-0.01
34) Perylene-d12	23.93	264	30826	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1709	0.16	ng	0.00
5) Phenol-d6	7.10	99	1849	0.12	ng	0.00
8) Nitrobenzene-d5	9.08	82	5597	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	11266	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1160	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	25917	0.51	ng	-0.01
25) Fluoranthene-d10	19.28	212	143047	0.51	ng	0.00
29) Terphenyl-d14	19.87	244	47617	0.75	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.69	42	33	0.131	ng	# 1
22) Pentachlorophenol	16.91	266	143	0.024	ng	91
32) Bis(2-ethylhexyl)phthalate	21.33	149	45567	0.331	ng	# 66

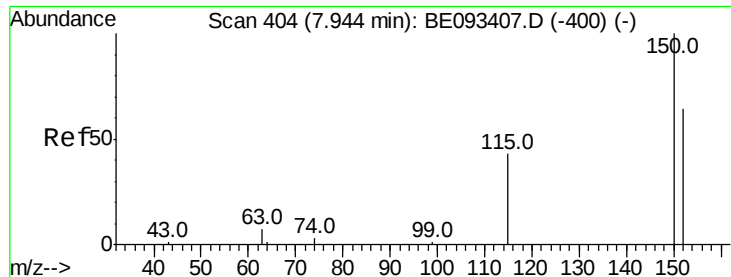
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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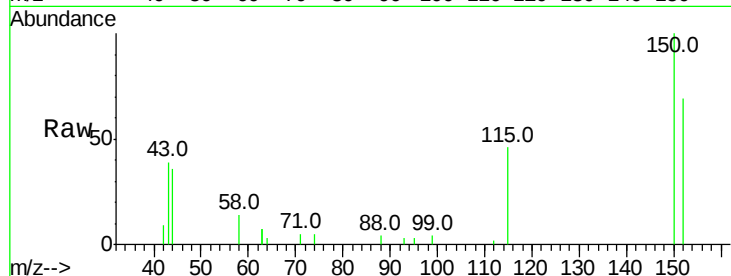


#1

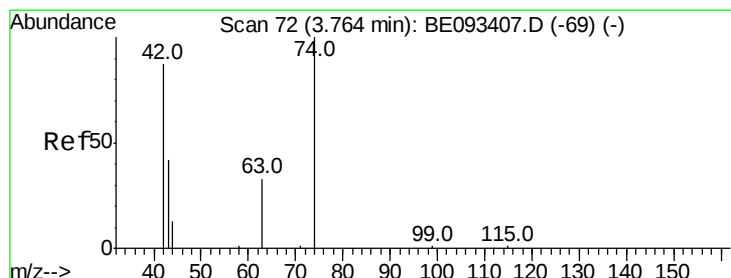
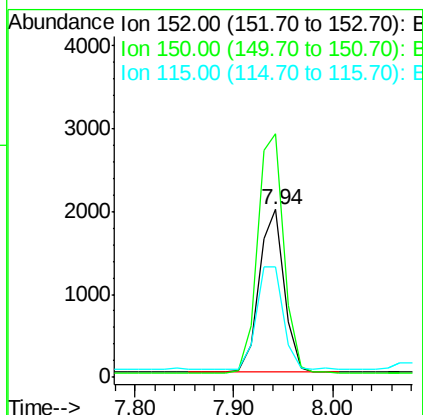
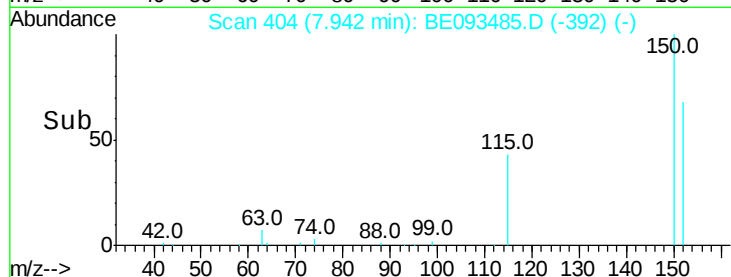
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3475
Ion Ratio Lower Upper
152 100
150 145.1 125.1 187.7
115 66.1 55.7 83.5



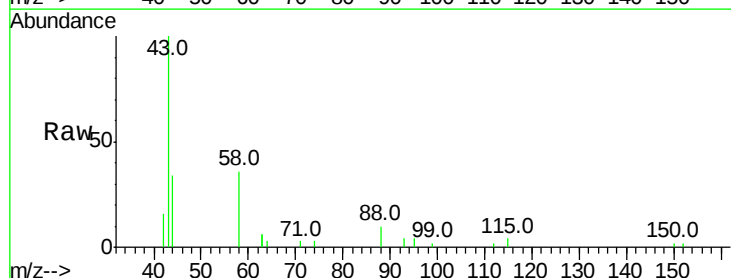
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



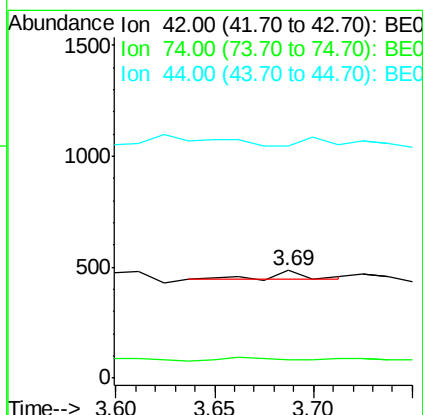
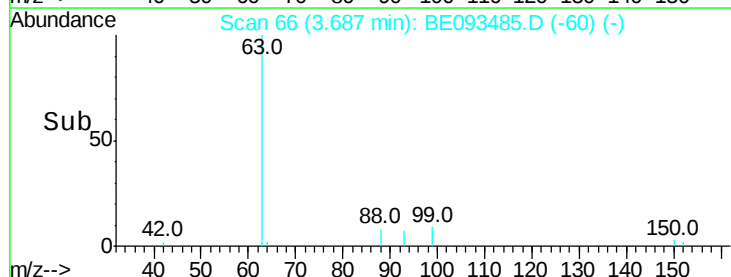
#3

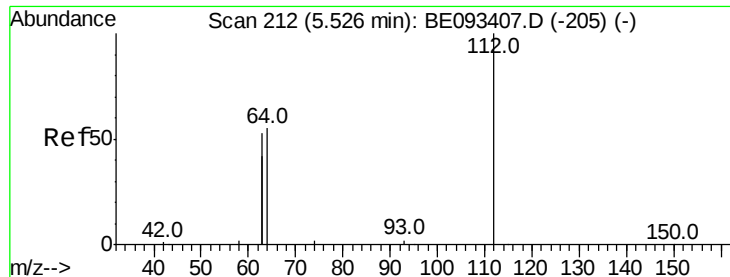
n-Nitrosodimethylamine
Concen: 0.131 ng
RT: 3.69 min Scan# 66
Delta R.T. -0.08 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Tgt Ion: 42 Resp: 33
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 257.6 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: 0.163 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

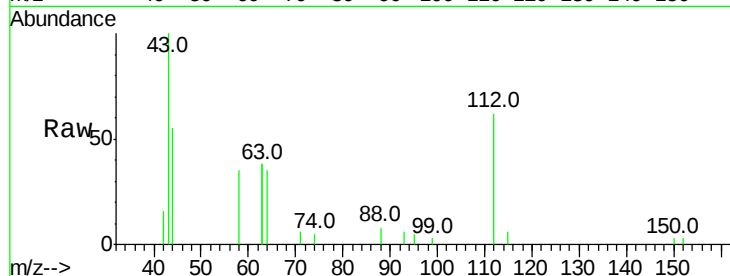
Tot Ion:112 Resp: 1709

Ion Ratio Lower Upper

112 100

64 77.8 56.4 84.6

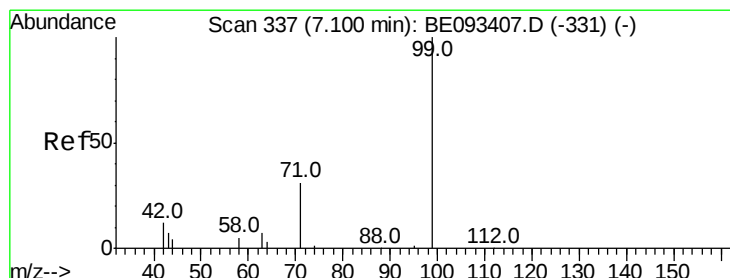
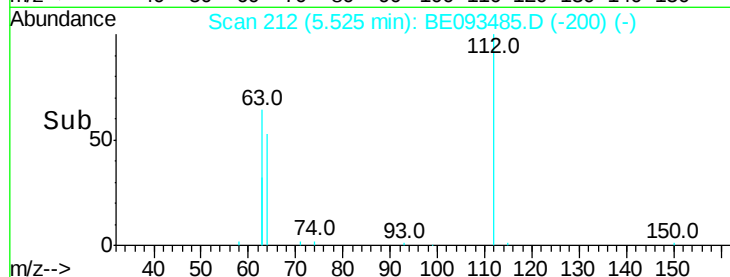
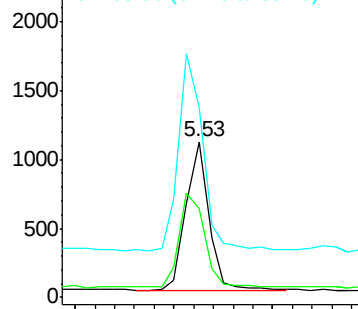
63 143.4 29.3 43.9#



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: 0.120 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

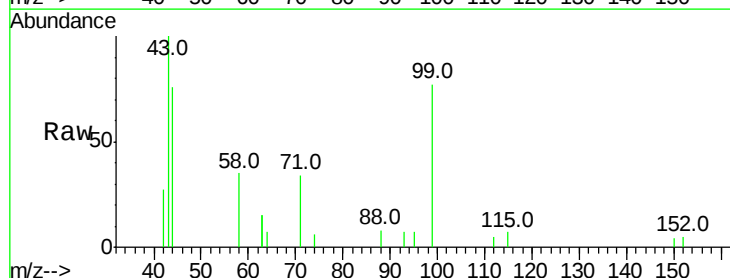
Tgt Ion: 99 Resp: 1849

Ion Ratio Lower Upper

99 100

42 21.3 0.0 0.0#

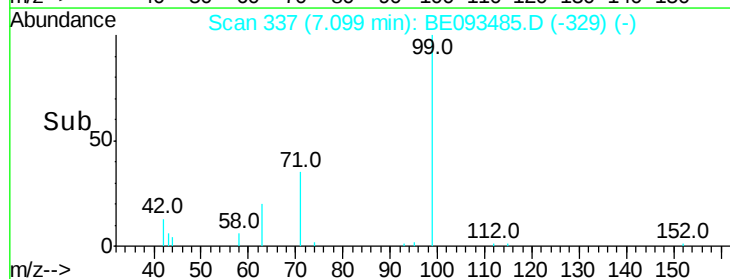
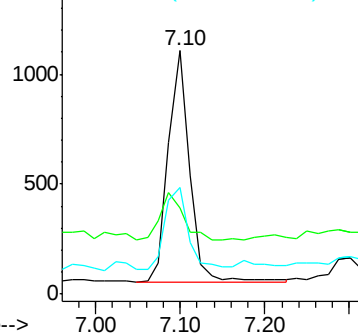
71 38.3 0.0 0.0#

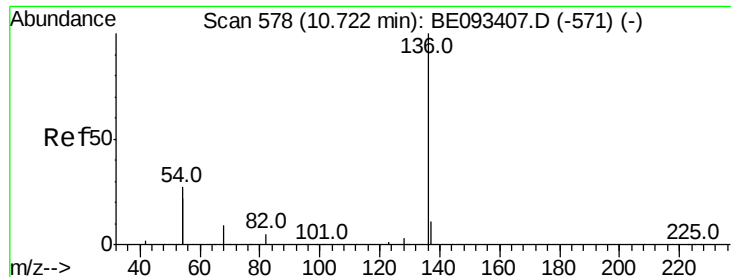


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19609

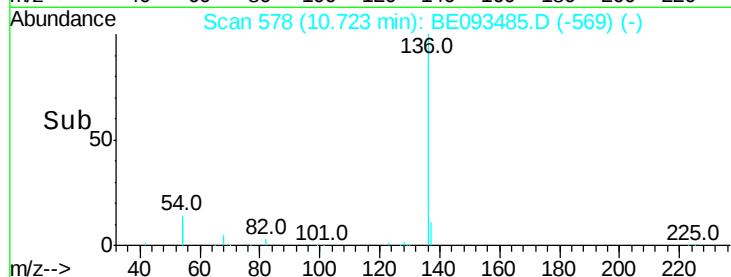
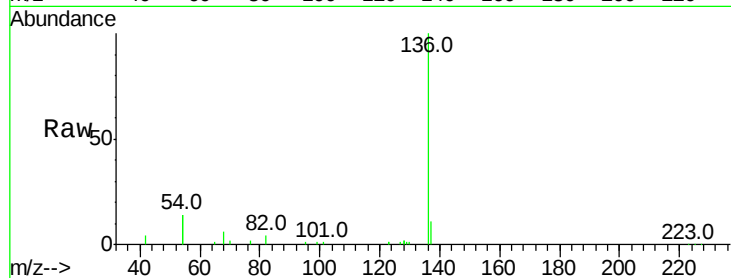
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 27.4 10.3 15.5#

68 6.1 9.0 13.4#

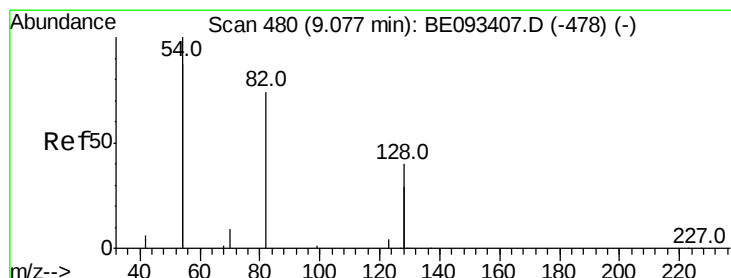
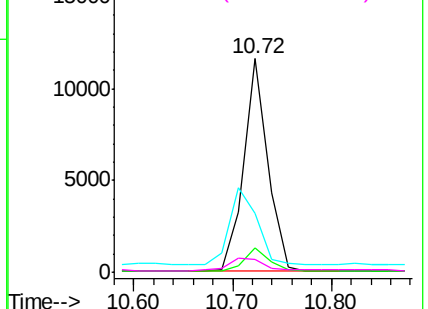


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.447 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

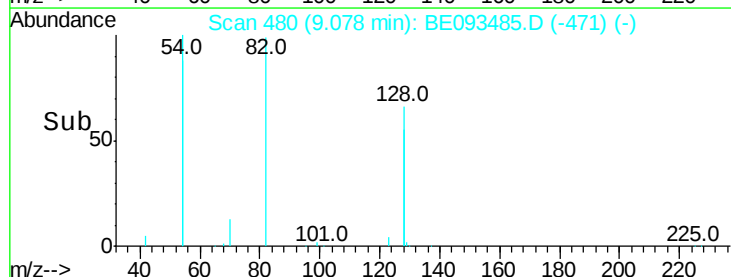
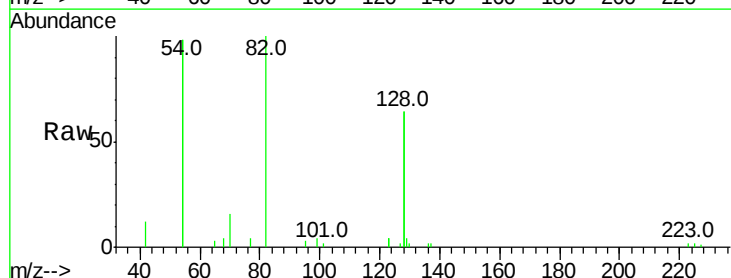
Tgt Ion: 82 Resp: 5597

Ion Ratio Lower Upper

82 100

128 128.3 17.0 25.4#

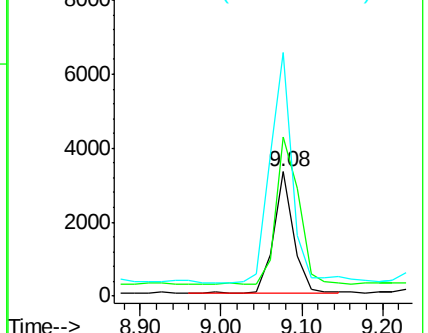
54 195.7 53.8 80.6#

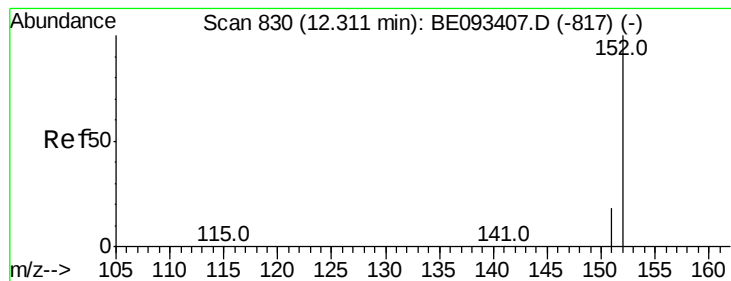


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

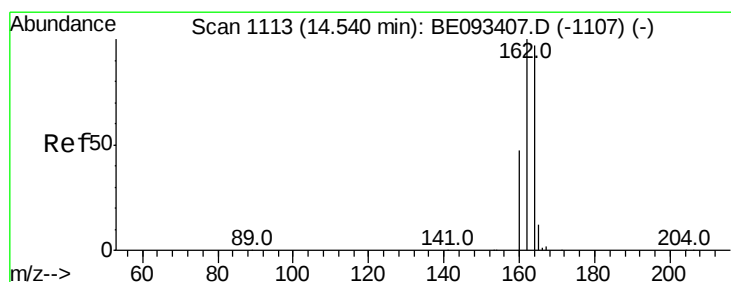
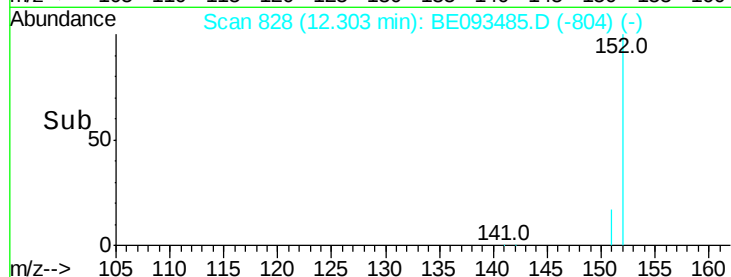
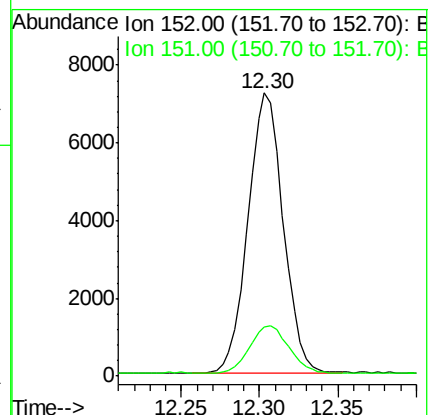
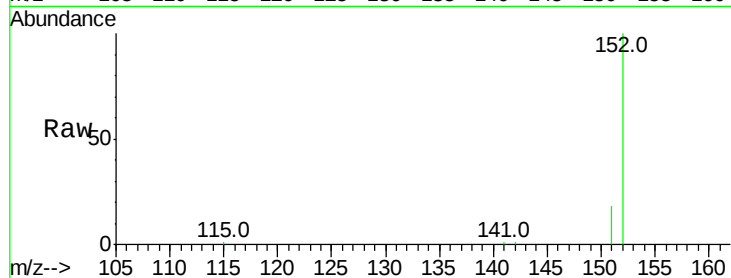
ClientSampleId :

Tot Ion:152 Resp: 11266

Ion Ratio Lower Upper

152 100

151 19.1 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: BE093485.D

Acq: 19 Jul 2017 15:19

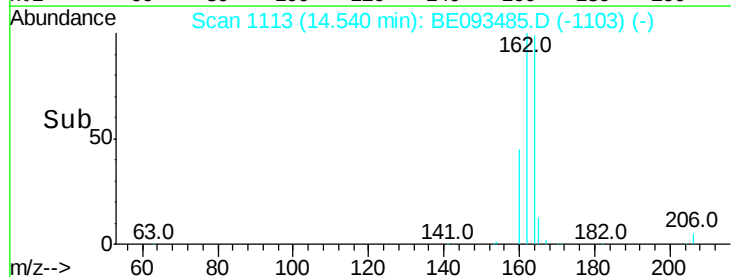
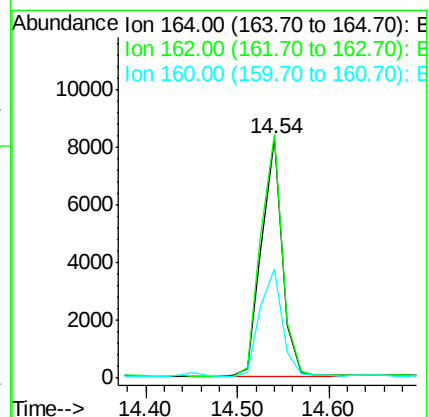
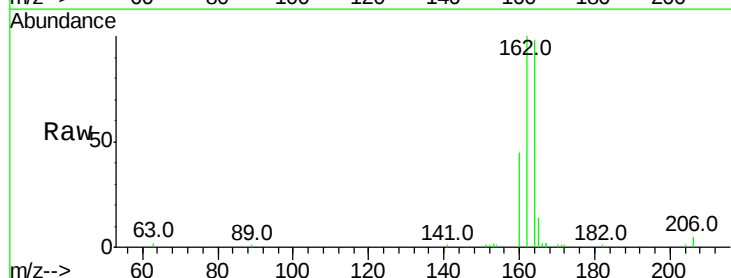
Tgt Ion:164 Resp: 13174

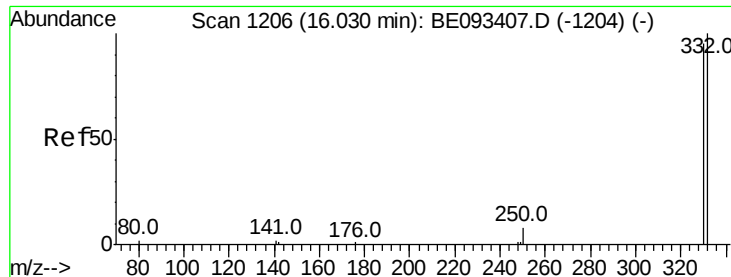
Ion Ratio Lower Upper

164 100

162 101.8 84.6 127.0

160 45.7 41.8 62.6

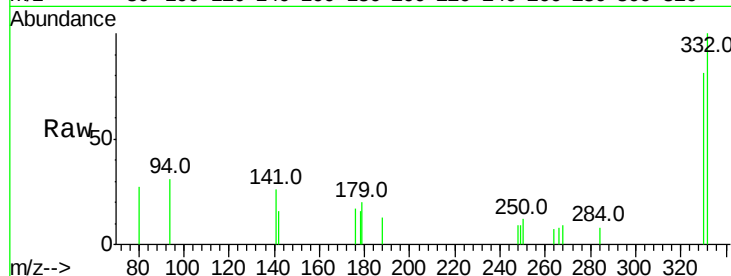




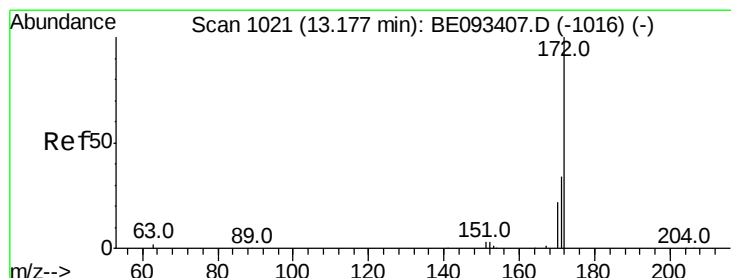
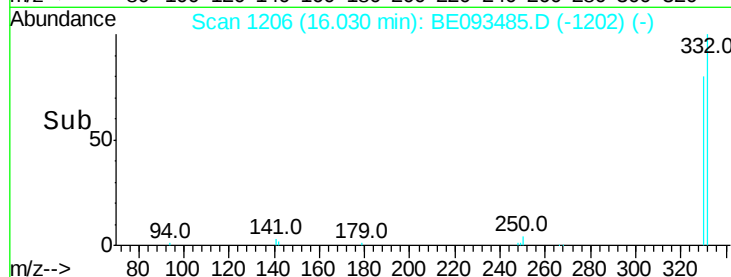
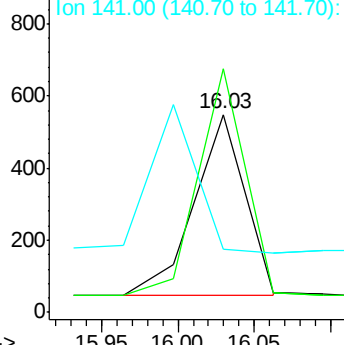
#14
 2,4,6-Tribromophenol
 Concen: 0.280 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093485.D
 Acq: 19 Jul 2017 15:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1160
 Ion Ratio Lower Upper
 330 100
 332 115.3 77.7 116.5
 141 0.0 56.2 84.4#

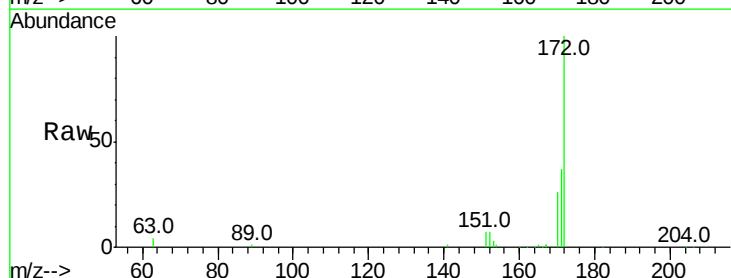


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

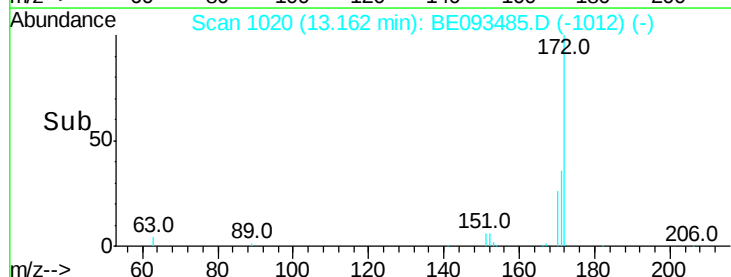
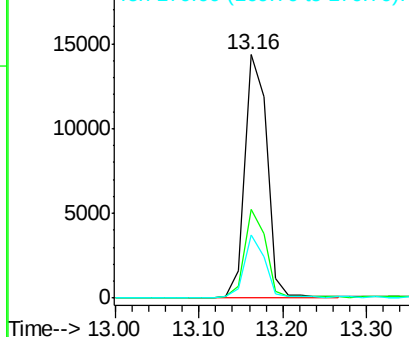


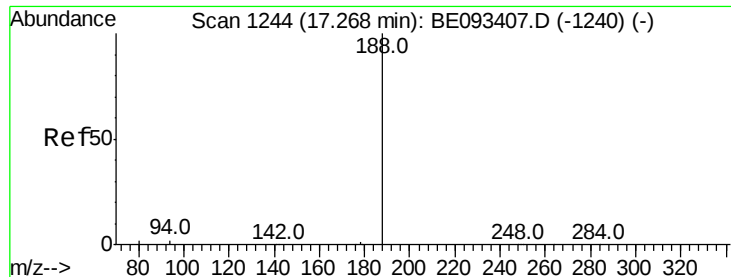
#15
 2-Fluorobiphenyl
 Concen: 0.507 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BE093485.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:172 Resp: 25917
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 25.9 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

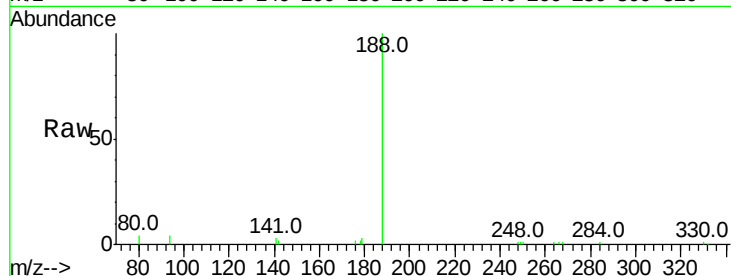




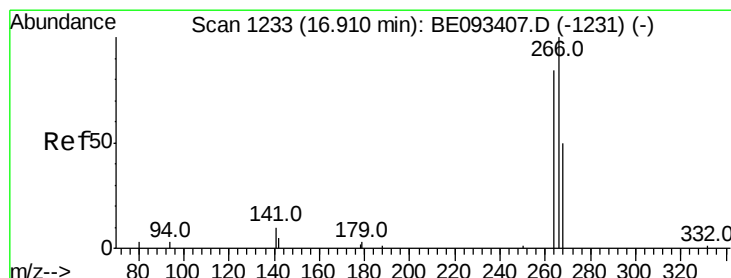
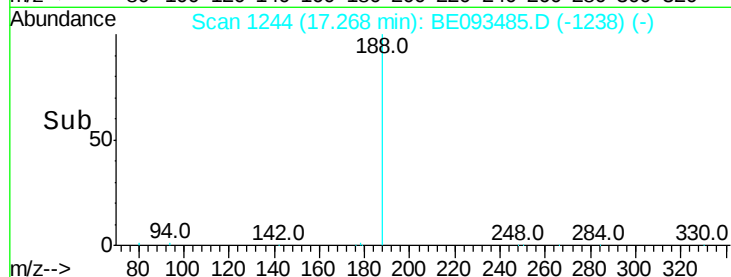
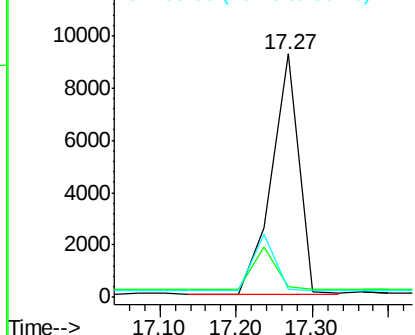
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 23210
Ion Ratio Lower Upper
188 100
94 4.3 11.3 16.9#
80 3.6 11.7 17.5#

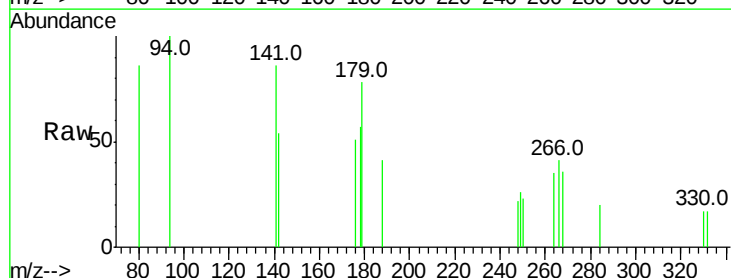


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

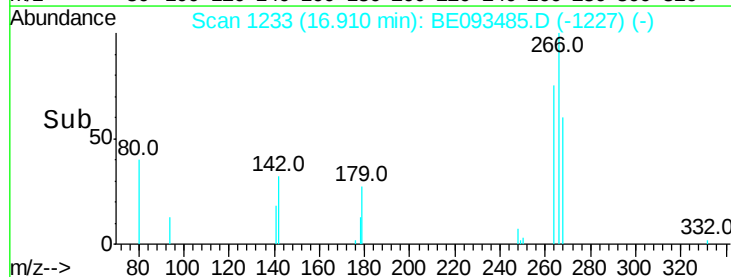
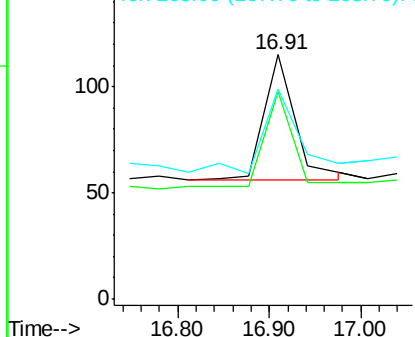


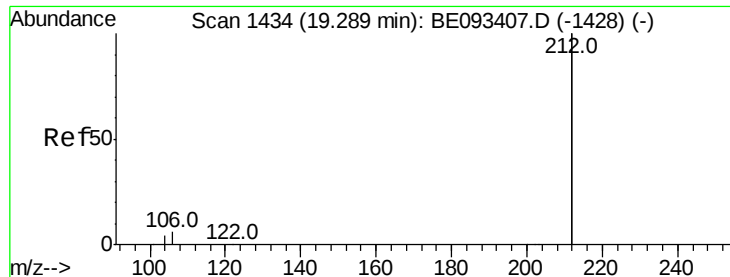
#22
Pentachlorophenol
Concen: 0.024 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Tgt Ion:266 Resp: 143
Ion Ratio Lower Upper
266 100
264 85.2 58.2 87.2
268 86.1 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

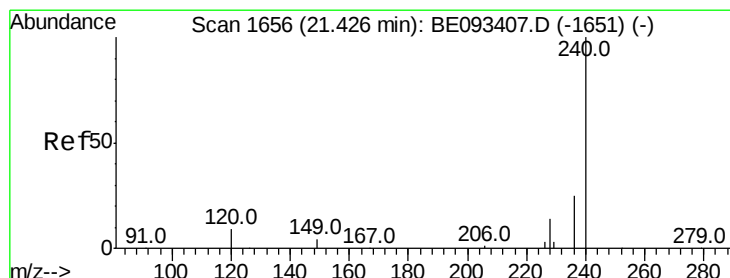
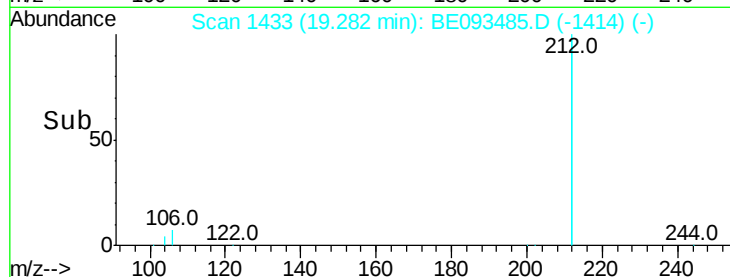
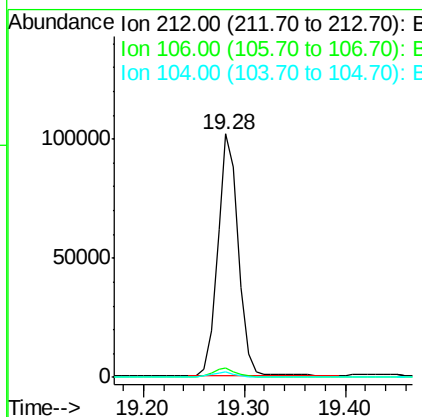
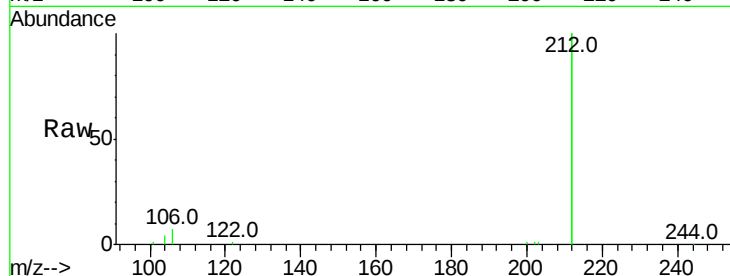




#25
 Fluoranthene-d10
 Concen: 0.511 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093485.D
 Acq: 19 Jul 2017 15:19

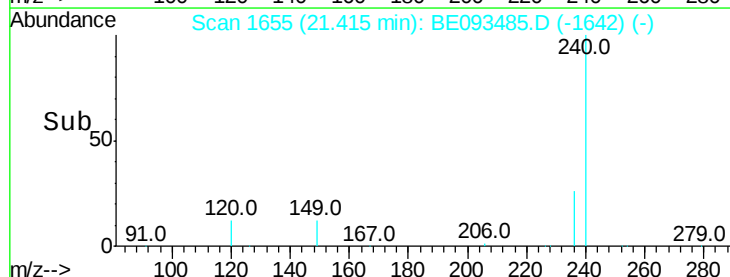
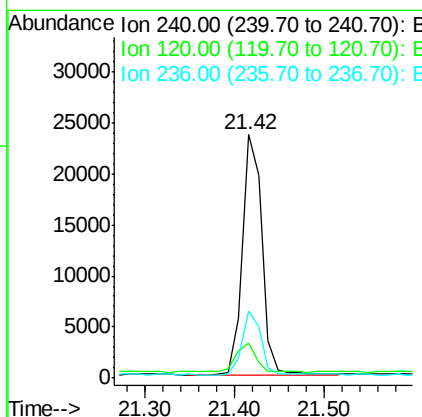
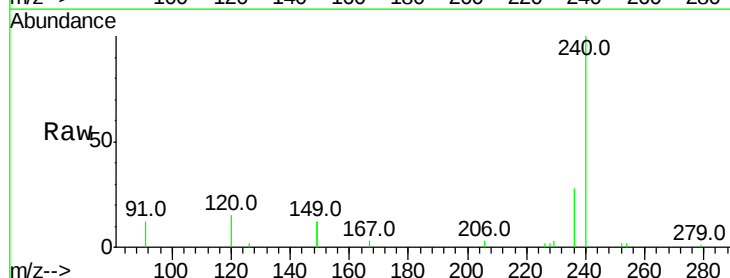
Instrument :
 BNA_E
 ClientSampleId :

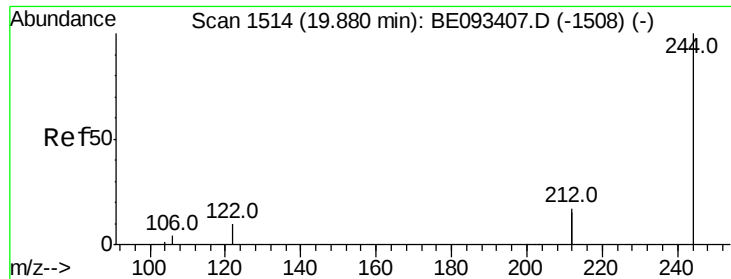
Tot Ion:212 Resp: 143047
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093485.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:240 Resp: 35410
 Ion Ratio Lower Upper
 240 100
 120 14.6 4.6 7.0#
 236 27.7 20.8 31.2





#29

Terphenyl-d14

Concen: 0.753 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

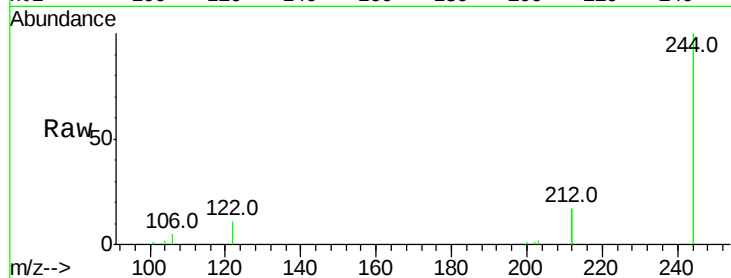
Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

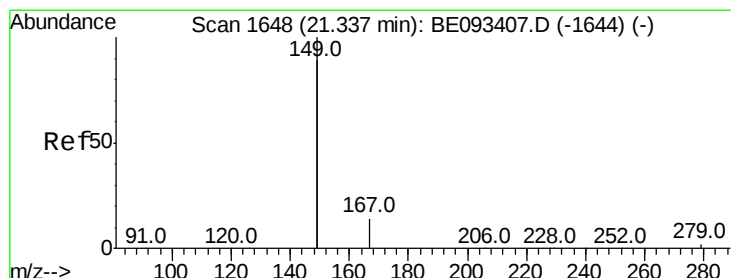
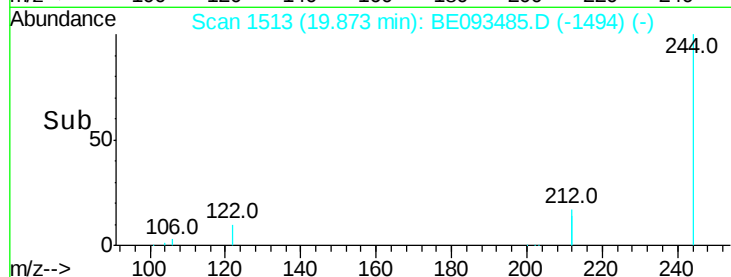
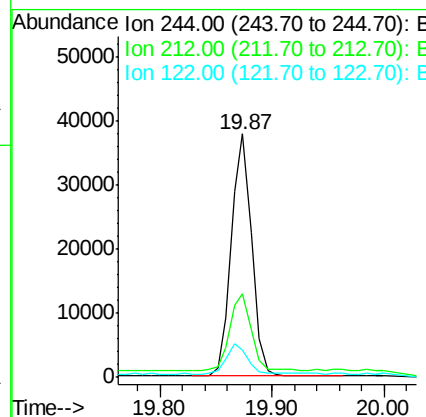
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	244	Resp:	47617
Ion	Ratio	Lower	Upper
244	100		
212	34.2	10.6	16.0#
122	11.3	15.4	23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.331 ng

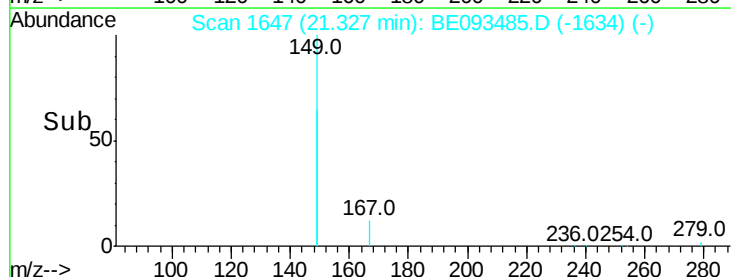
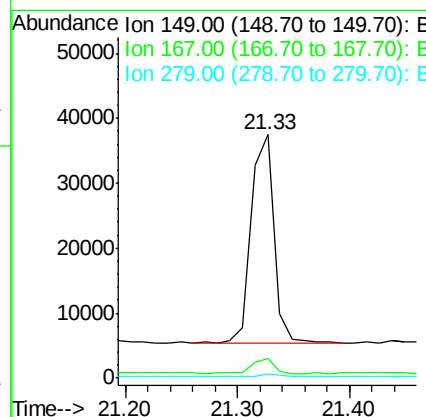
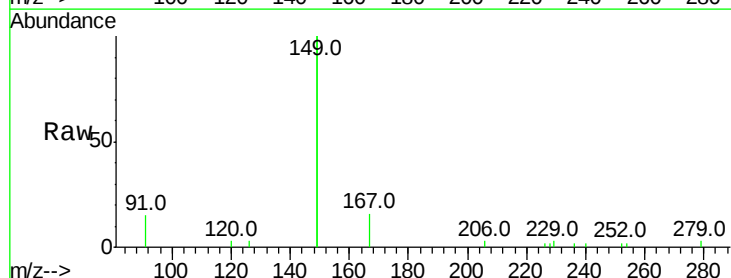
RT: 21.33 min Scan# 1647

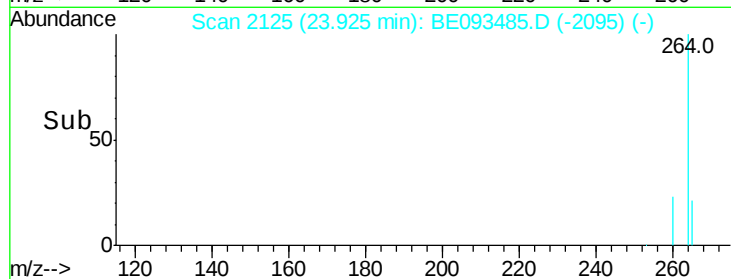
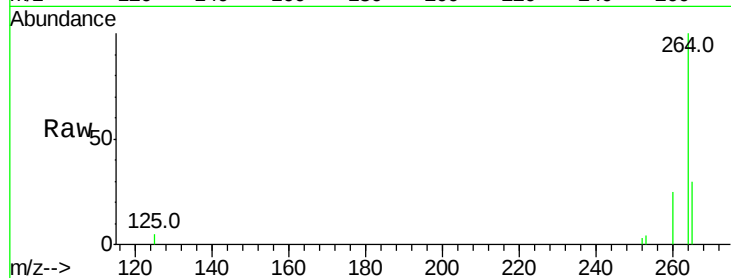
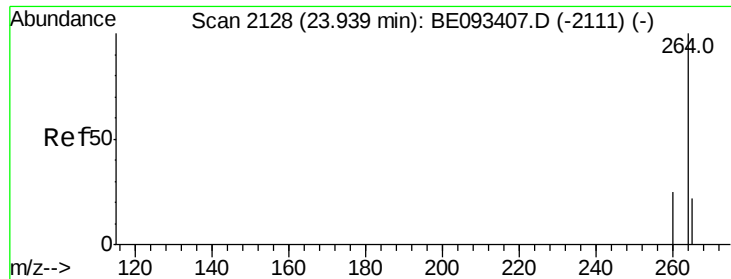
Delta R.T. -0.01 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Tgt Ion:	149	Resp:	45567
Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	1.0	2.2	3.4#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 30826

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

265 29.7 24.6 36.8

