

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093904.D
 Acq On : 1 Sep 2017 16:22
 Operator : SJ/JU
 Sample : PB101940BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101940BSD

Quant Time: Sep 02 01:19:31 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	1674	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	7541	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4045	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9611	0.40	ng	0.00
27) Chrysene-d12	21.42	240	13201	0.40	ng	0.00
34) Perylene-d12	23.92	264	11179	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1802	0.35	ng	0.00
5) Phenol-d6	7.10	99	2425	0.31	ng	0.00
8) Nitrobenzene-d5	9.06	82	2214	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4186	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	354	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5122	0.32	ng	0.00
25) Fluoranthene-d10	19.27	212	45767	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	9490	0.40	ng	0.00

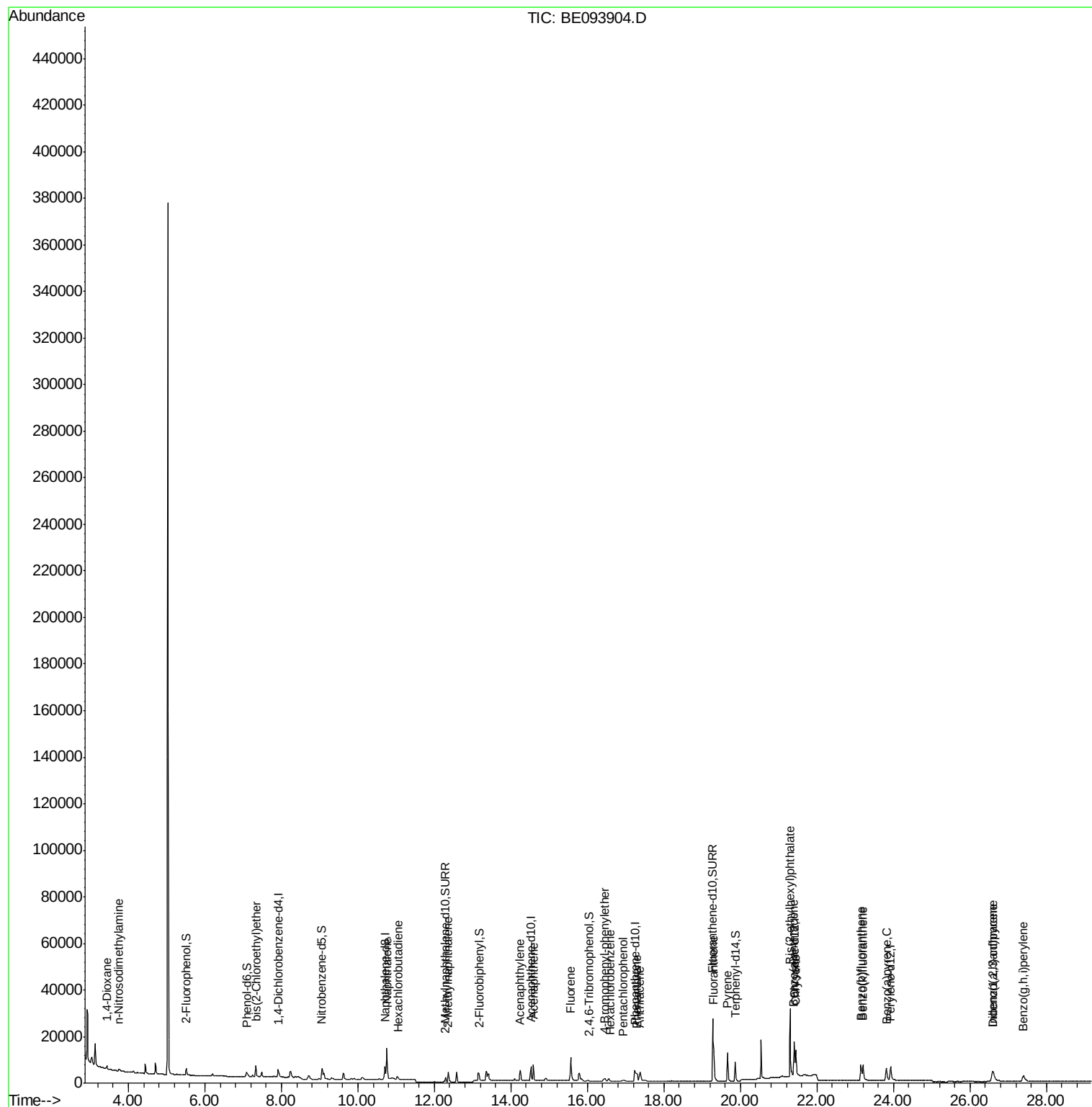
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	729	0.317	ng	# 35
3) n-Nitrosodimethylamine	3.75	42	909	0.355	ng	99
6) bis(2-Chloroethyl)ether	7.34	93	1946	0.321	ng	91
9) Naphthalene	10.76	128	25893	0.302	ng	100
10) Hexachlorobutadiene	11.04	225	1014	0.335	ng	98
12) 2-Methylnaphthalene	12.36	142	4200	0.293	ng	97
16) Acenaphthylene	14.24	152	6104	0.305	ng	100
17) Acenaphthene	14.58	154	4065	0.301	ng	99
18) Fluorene	15.56	166	5452	0.312	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1371	0.357	ng	89
21) Hexachlorobenzene	16.58	284	1031	0.286	ng	# 100
22) Pentachlorophenol	16.94	266	528	0.351	ng	98
23) Phenanthrene	17.30	178	7338	0.300	ng	# 99
24) Anthracene	17.37	178	8791	0.302	ng	# 99
26) Fluoranthene	19.30	202	12556	0.375	ng	100
28) Pyrene	19.67	202	13131	0.296	ng	100
30) Benzo(a)anthracene	21.39	228	11959	0.305	ng	96
31) Chrysene	21.45	228	12612	0.290	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	33296	0.403	ng	100
33) Indeno(1,2,3-cd)pyrene	26.59	276	9957	0.335	ng	96
35) Benzo(b)fluoranthene	23.15	252	10734	0.301	ng	99
36) Benzo(k)fluoranthene	23.21	252	12645	0.310	ng	96
37) Benzo(a)pyrene	23.82	252	11070	0.312	ng	96
38) Dibenzo(a,h)anthracene	26.60	278	7845	0.314	ng	# 93
39) Benzo(g,h,i)perylene	27.40	276	8911	0.327	ng	96

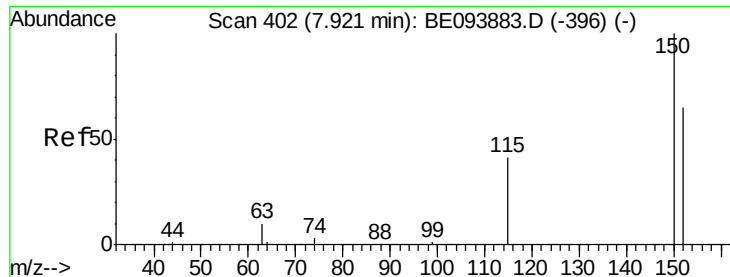
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

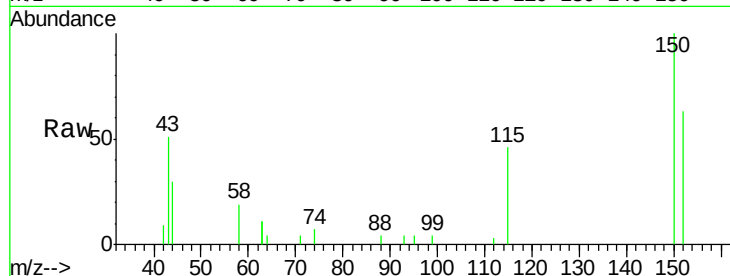
Tgt Ion:152 Resp: 1674

Ion Ratio Lower Upper

152 100

150 159.5 121.8 182.6

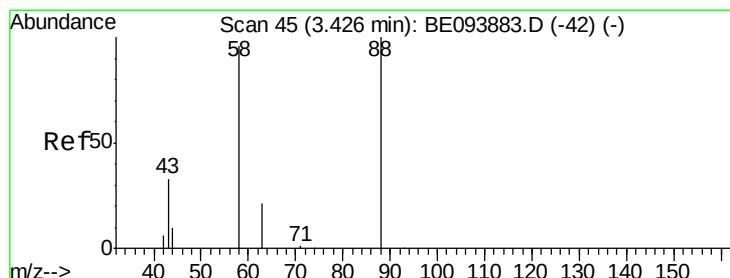
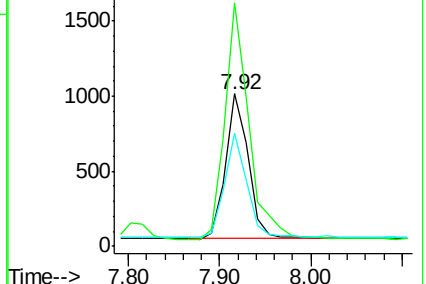
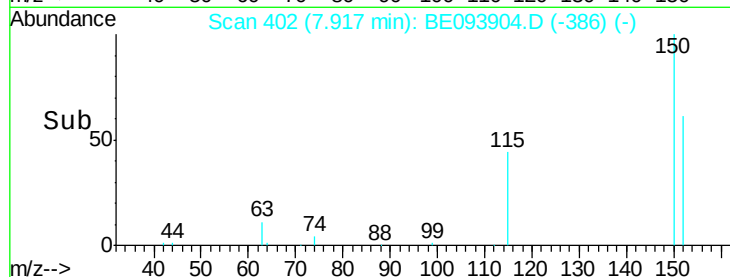
115 73.7 52.6 79.0



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



#2

1,4-Dioxane

Concen: 0.317 ng

RT: 3.43 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

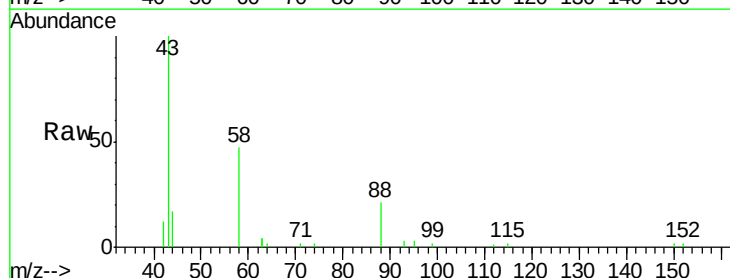
Tgt Ion: 88 Resp: 729

Ion Ratio Lower Upper

88 100

58 142.5 65.4 98.0#

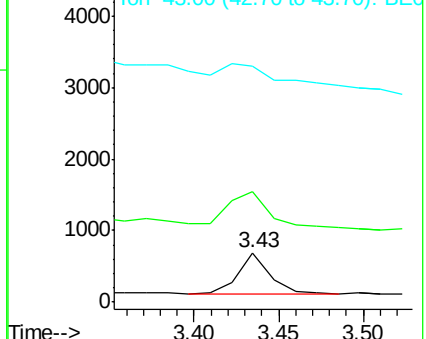
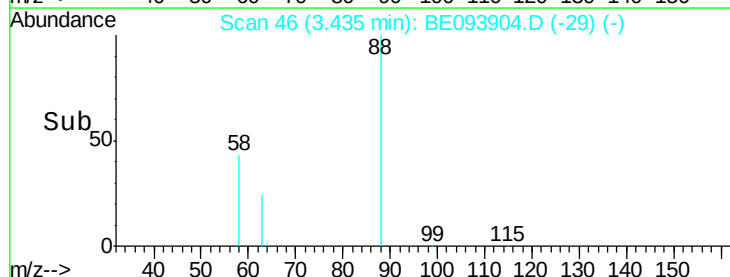
43 0.0 23.9 35.9#

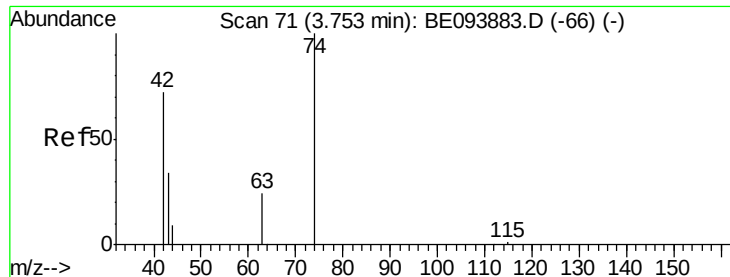


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.355 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

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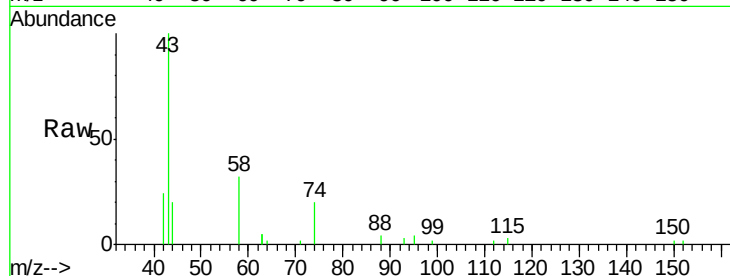
Tgt Ion: 42 Resp: 909

Ion Ratio Lower Upper

42 100

74 128.3 104.0 156.0

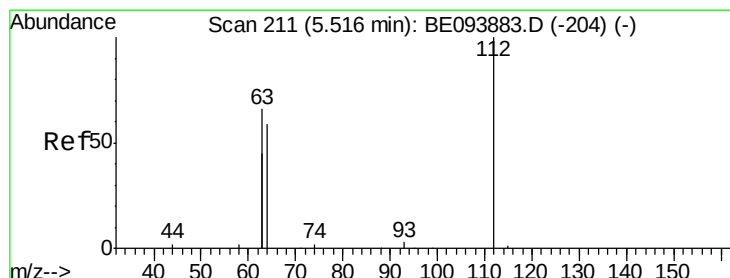
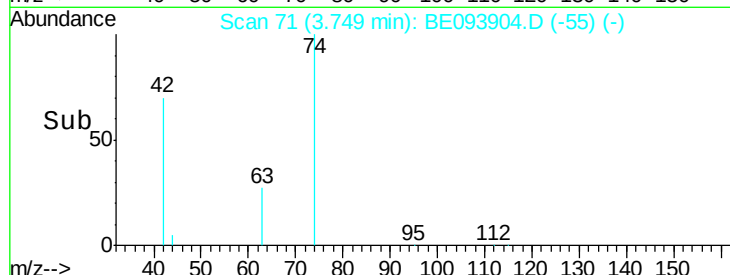
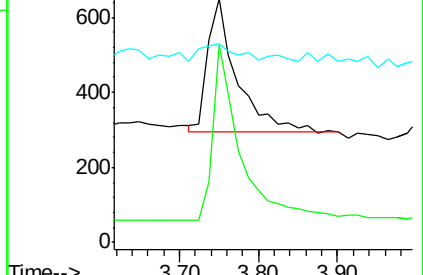
44 17.3 13.8 20.8



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: 0.350 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

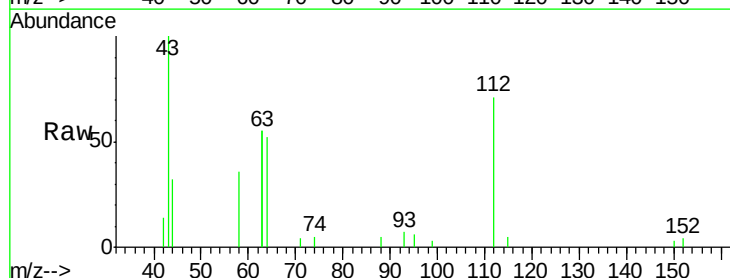
Tgt Ion: 112 Resp: 1802

Ion Ratio Lower Upper

112 100

64 71.2 57.7 86.5

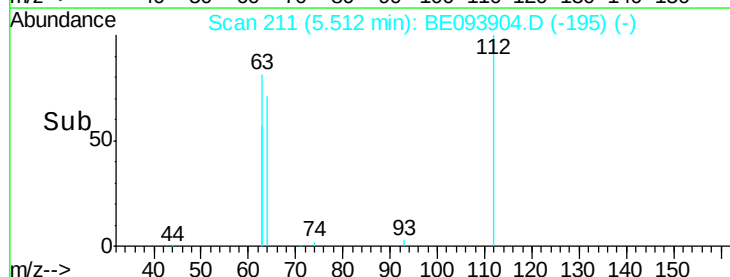
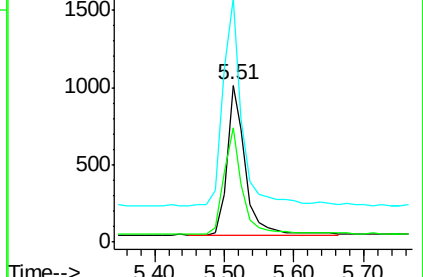
63 140.3 116.0 174.0

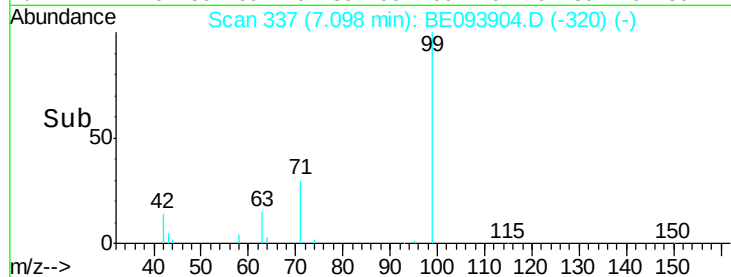
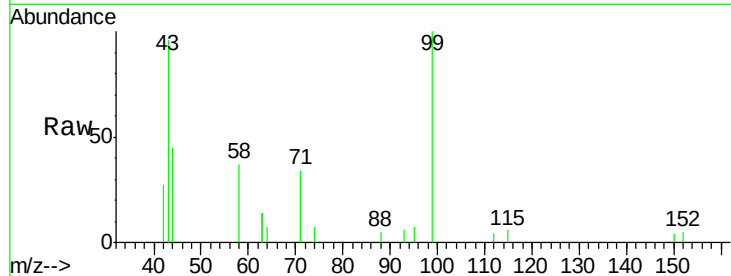
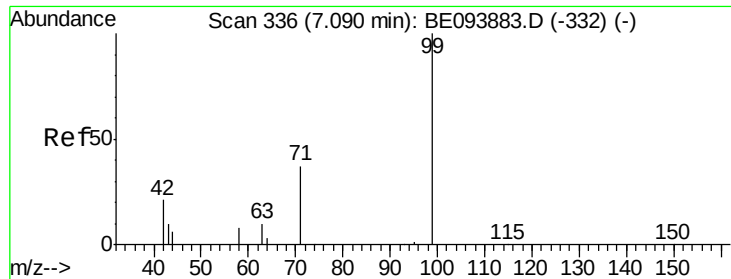


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.308 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

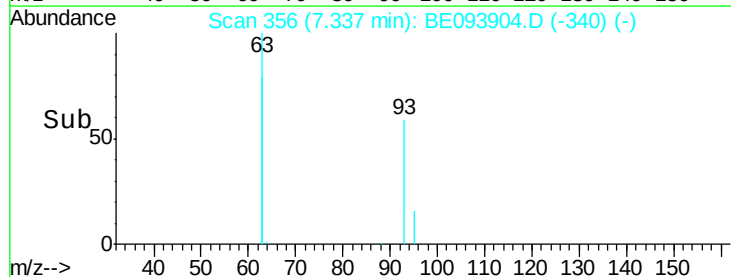
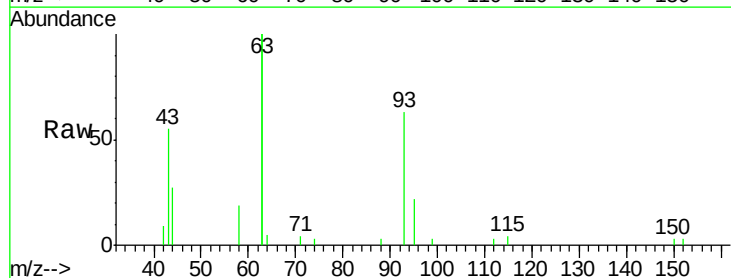
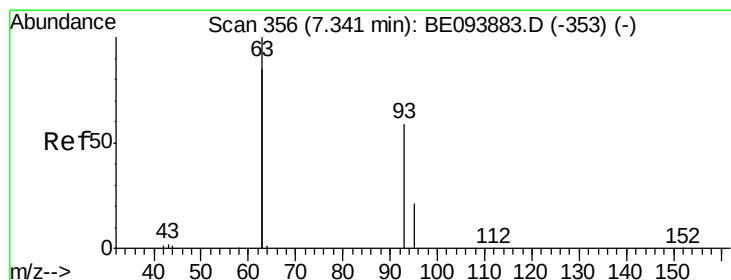
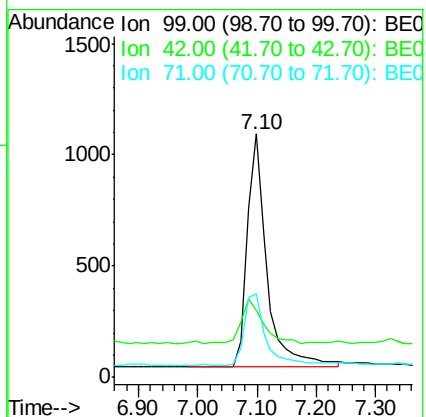
Tgt Ion: 99 Resp: 2425

Ion Ratio Lower Upper

99 100

42 19.9 17.1 25.7

71 33.6 26.6 39.8



#6

bis(2-Chloroethyl)ether

Concen: 0.321 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

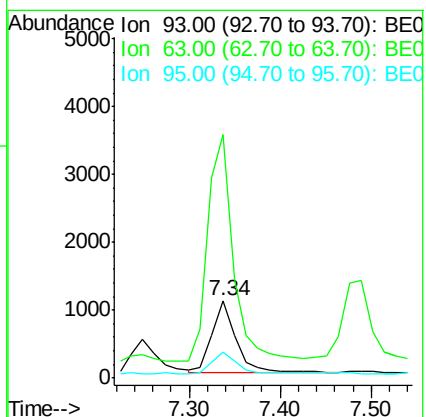
Tgt Ion: 93 Resp: 1946

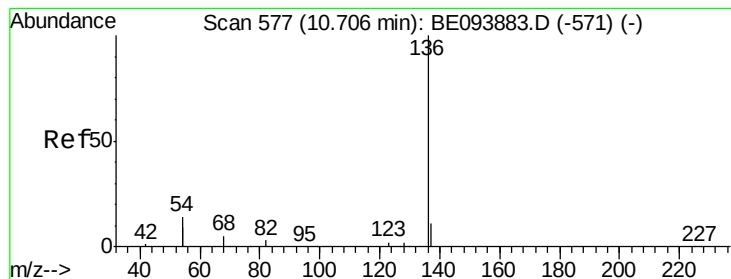
Ion Ratio Lower Upper

93 100

63 333.1 283.4 425.2

95 31.2 26.9 40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

Tgt Ion:136 Resp: 7541

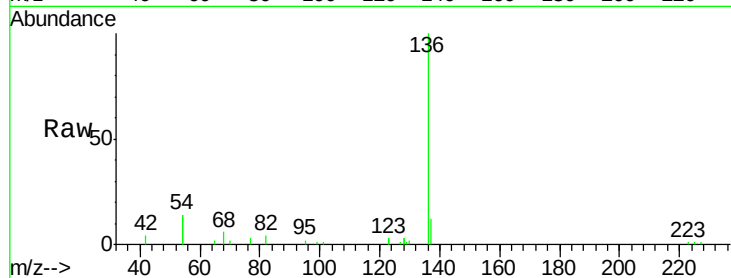
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 28.8 21.9 32.9

68 6.4 4.6 7.0

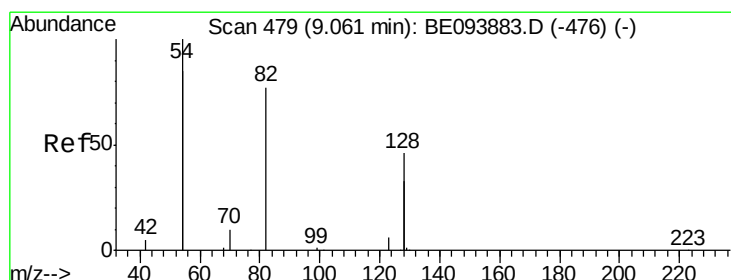
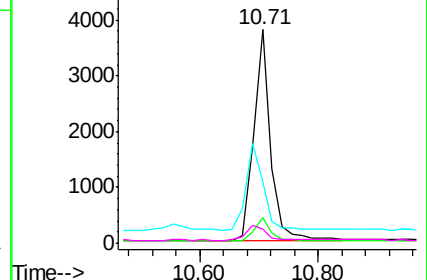
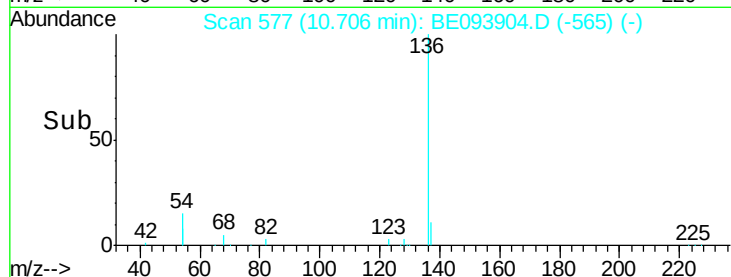


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.353 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

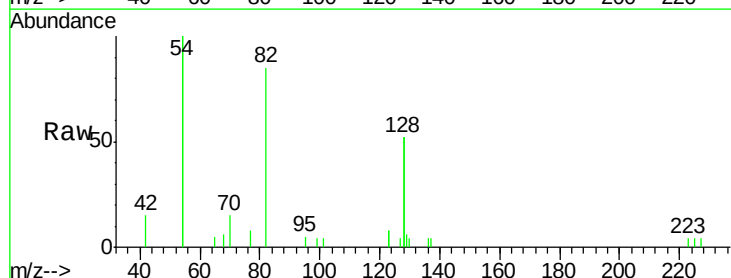
Tgt Ion: 82 Resp: 2214

Ion Ratio Lower Upper

82 100

128 121.0 91.4 137.0

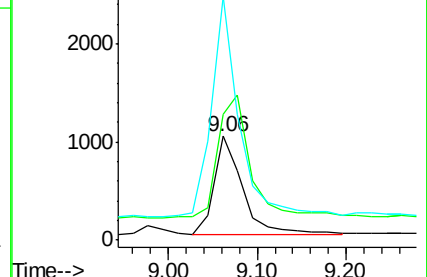
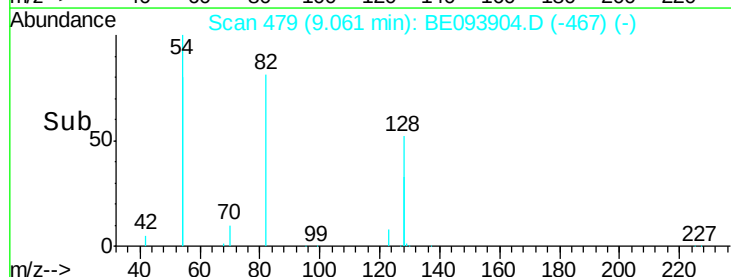
54 234.4 197.8 296.8

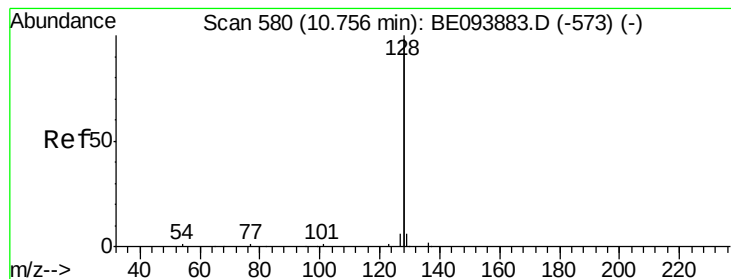


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.302 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

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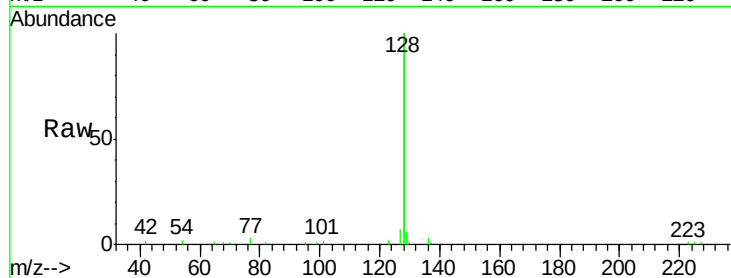
Tgt Ion:128 Resp: 25893

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

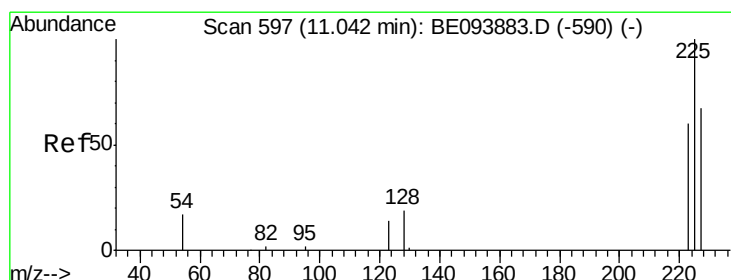
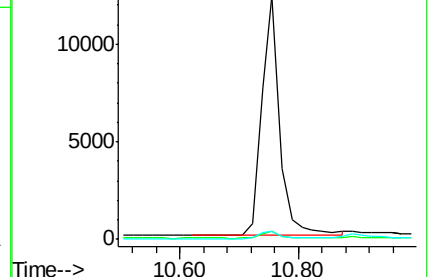
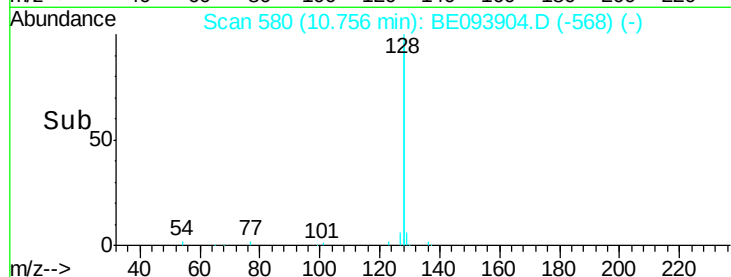
127 3.4 2.6 4.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.335 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

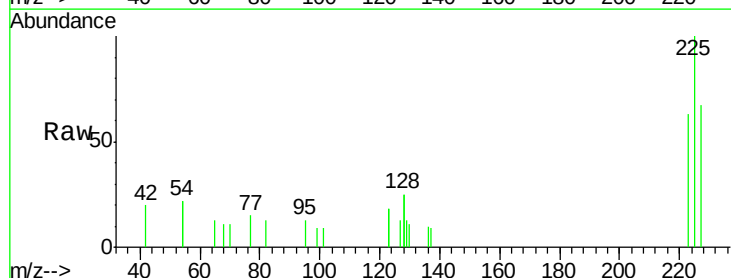
Tgt Ion:225 Resp: 1014

Ion Ratio Lower Upper

225 100

223 62.8 49.4 74.0

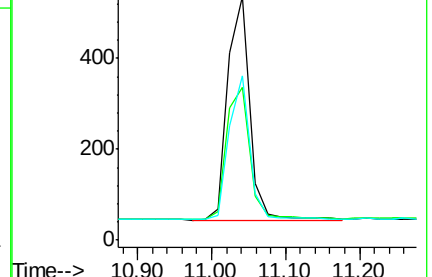
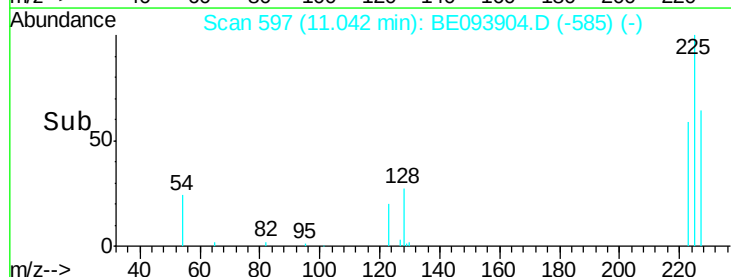
227 61.2 50.5 75.7

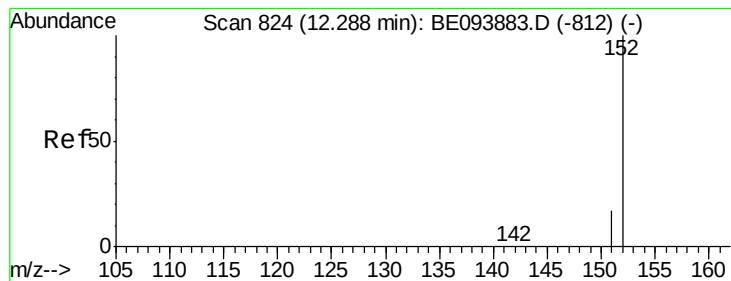


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

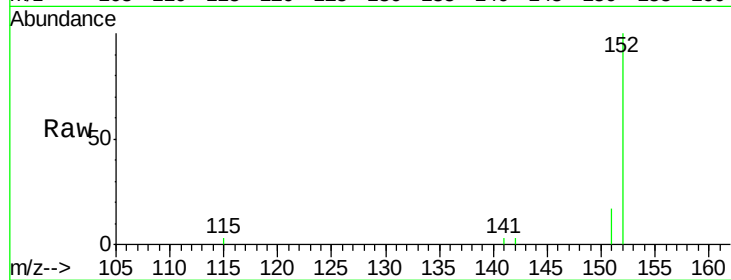
PB101940BSD

Tgt Ion:152 Resp: 4186

Ion Ratio Lower Upper

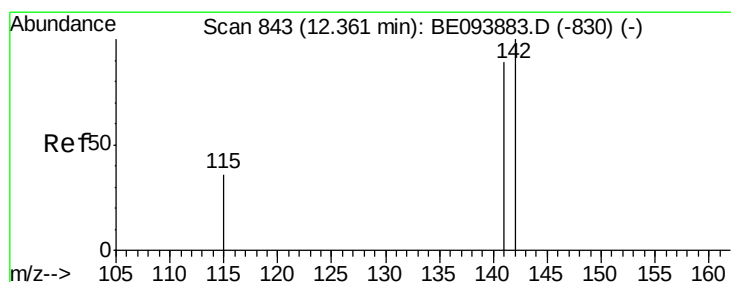
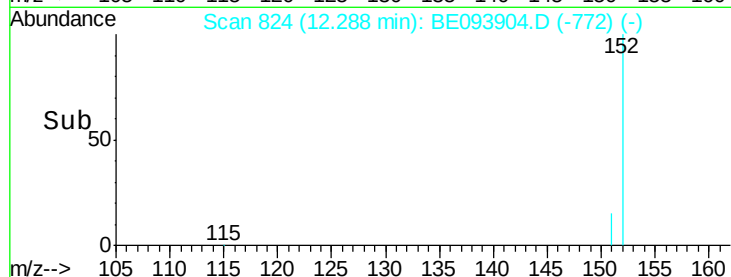
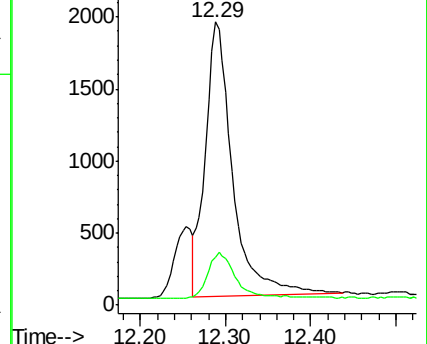
152 100

151 16.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.293 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

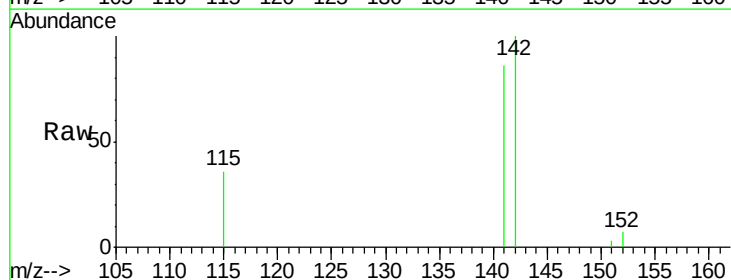
Tgt Ion:142 Resp: 4200

Ion Ratio Lower Upper

142 100

141 85.9 71.4 107.2

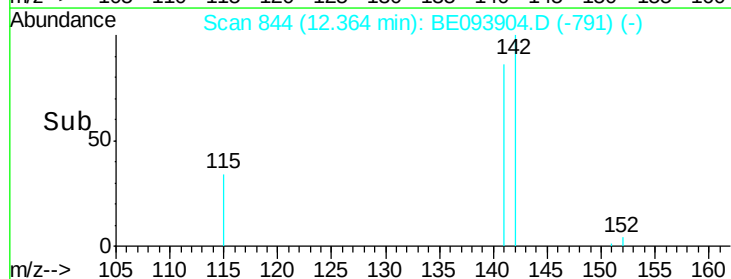
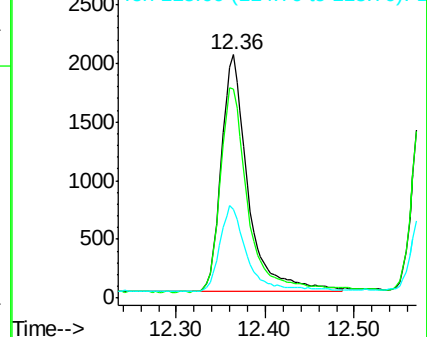
115 36.2 29.4 44.0

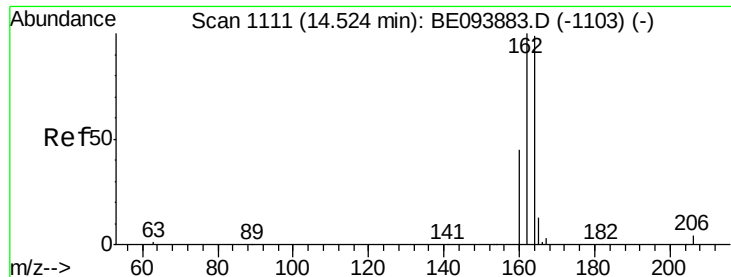


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

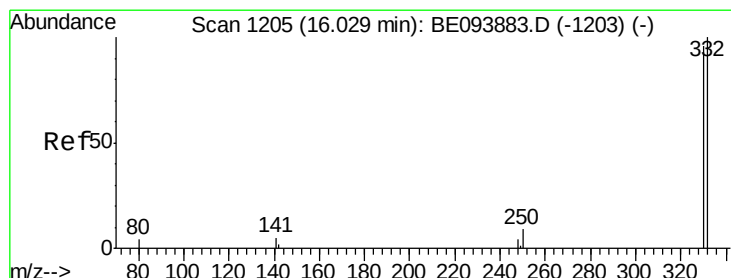
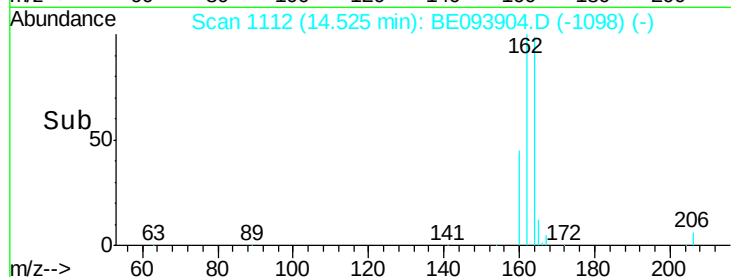
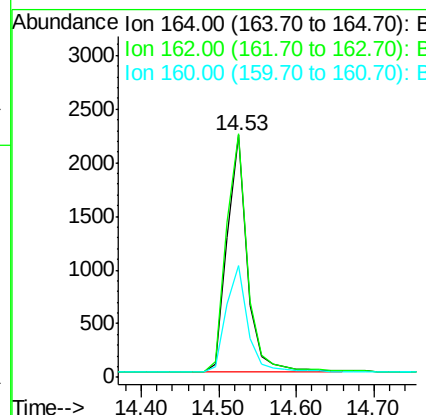
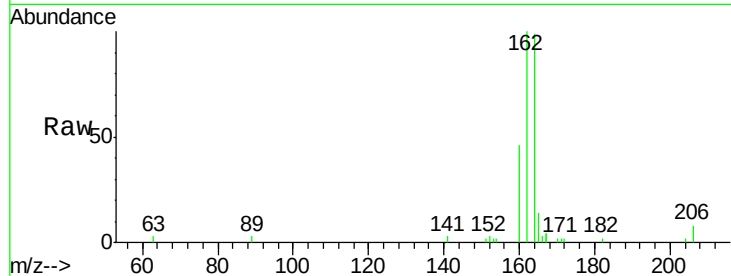




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093904.D
 Acq: 1 Sep 2017 16:22

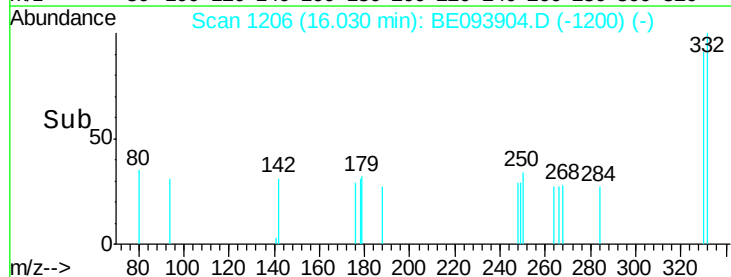
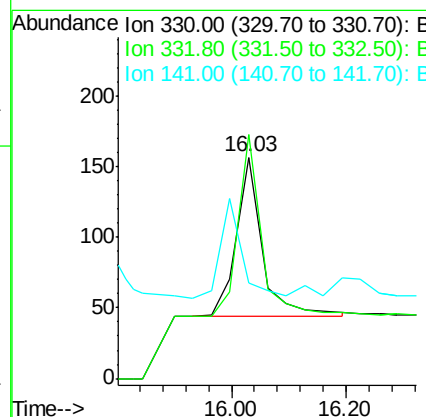
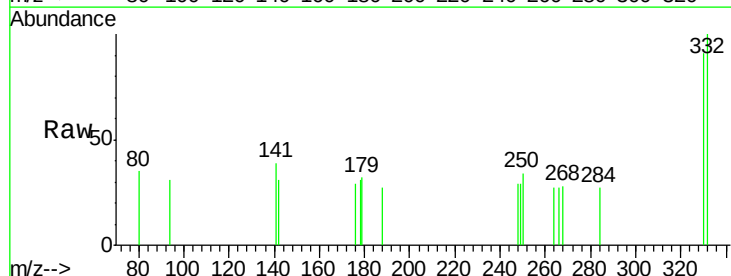
Instrument :
 BNA_E
 ClientSampleId :
 PB101940BSD

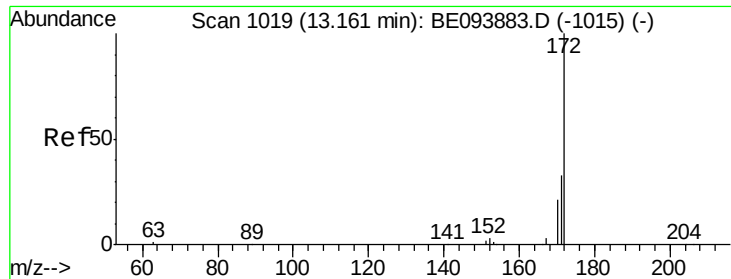
Tgt Ion:164 Resp: 4045
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.8 121.2
 160 46.1 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.327 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093904.D
 Acq: 1 Sep 2017 16:22

Tgt Ion:330 Resp: 354
 Ion Ratio Lower Upper
 330 100
 332 100.6 76.9 115.3
 141 0.0 0.0 0.0

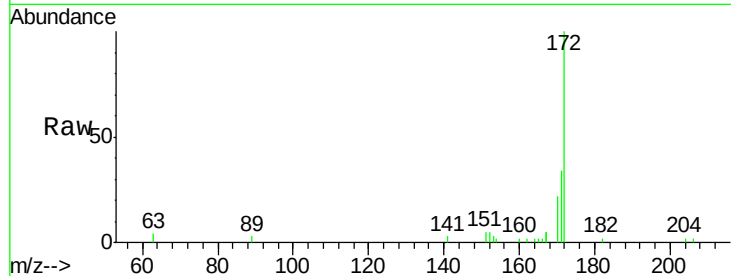




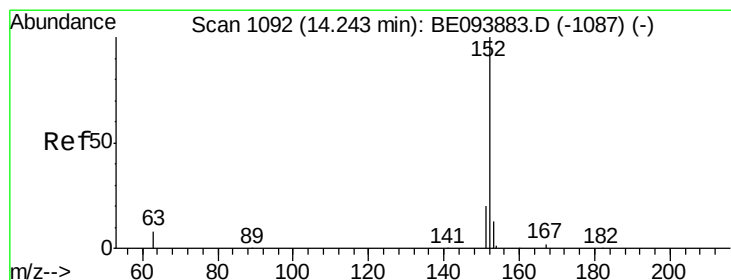
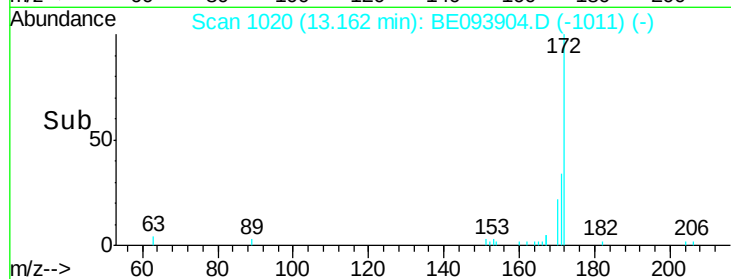
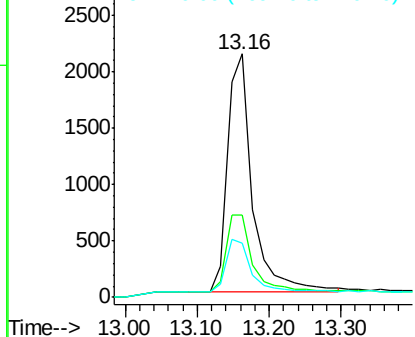
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093904.D
Acq: 1 Sep 2017 16:22

Instrument :
BNA_E
ClientSampleId :
PB101940BSD

Tgt Ion:172 Resp: 5122
Ion Ratio Lower Upper
172 100
171 34.0 26.9 40.3
170 22.3 17.3 25.9

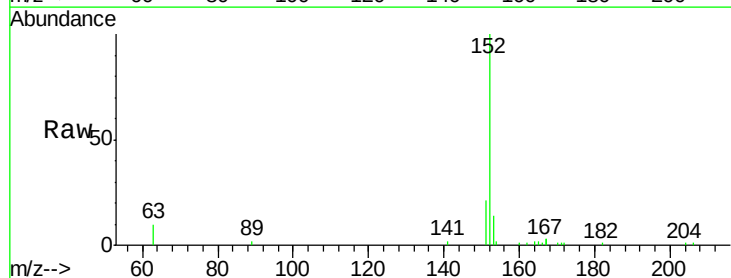


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

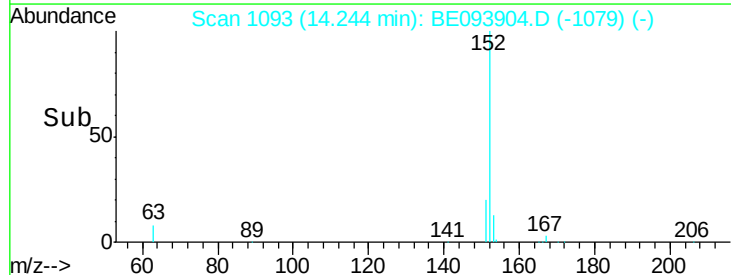
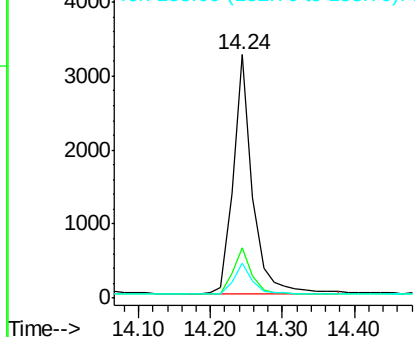


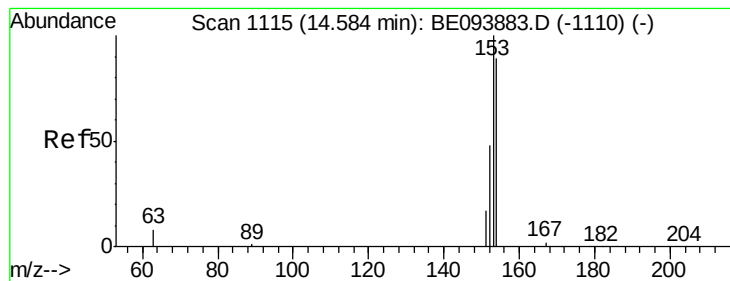
#16
Acenaphthylene
Concen: 0.305 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093904.D
Acq: 1 Sep 2017 16:22

Tgt Ion:152 Resp: 6104
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.301 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

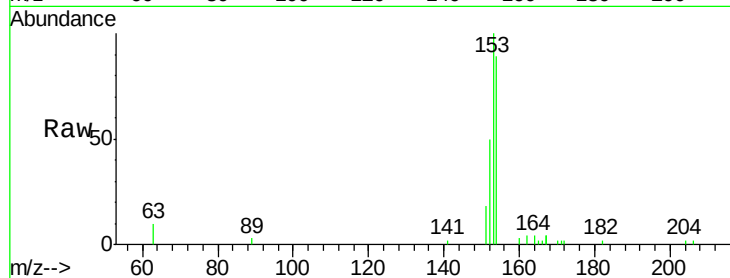
Tgt Ion:154 Resp: 4065

Ion Ratio Lower Upper

154 100

153 113.6 91.8 137.6

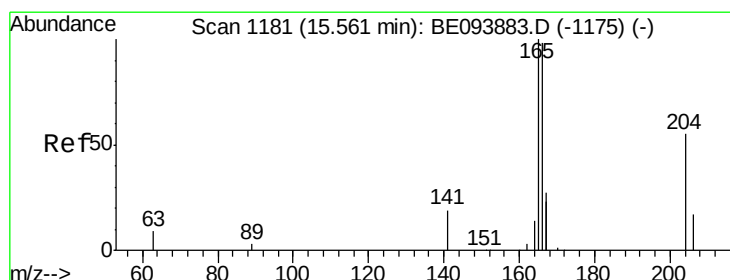
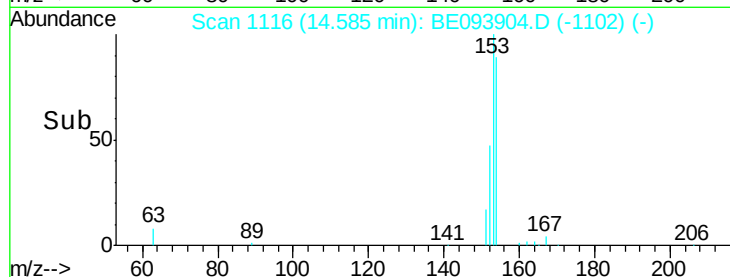
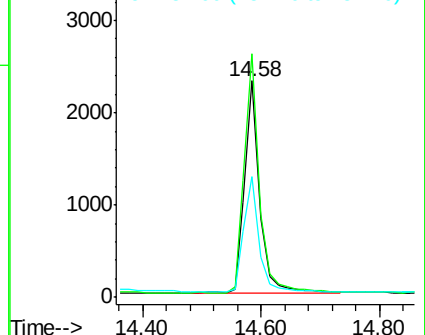
152 55.0 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.312 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

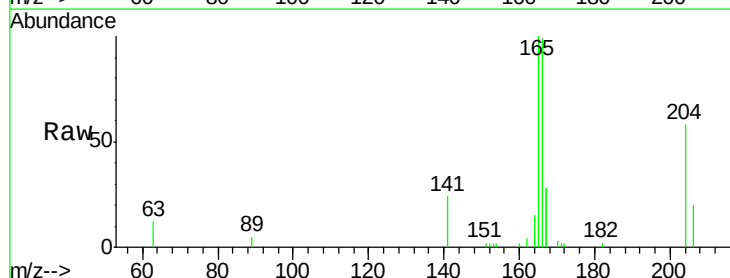
Tgt Ion:166 Resp: 5452

Ion Ratio Lower Upper

166 100

165 97.6 79.4 119.0

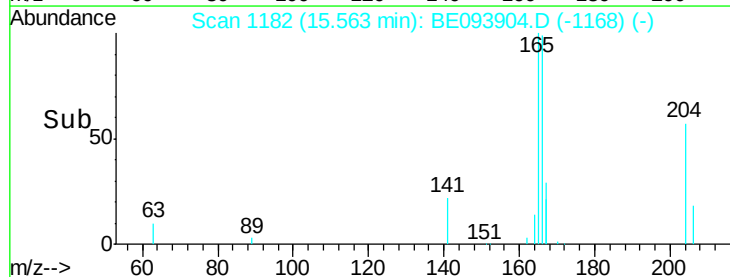
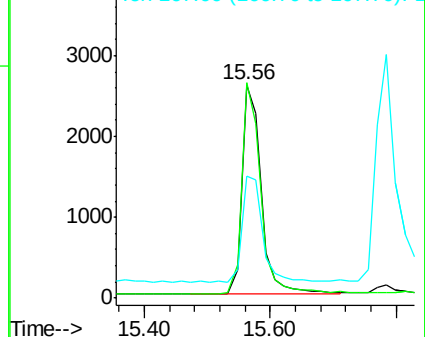
167 52.7 43.5 65.3

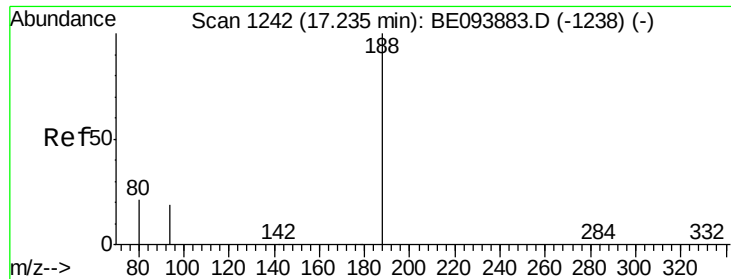


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

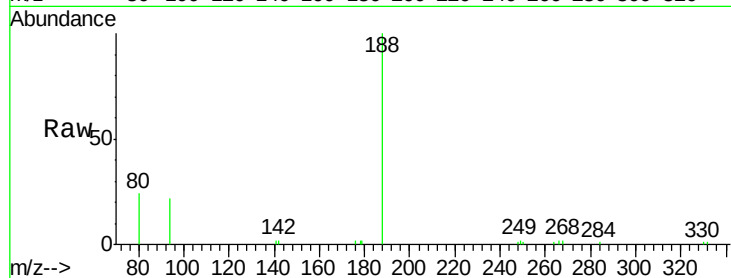
Tgt Ion:188 Resp: 9611

Ion Ratio Lower Upper

188 100

94 21.9 16.1 24.1

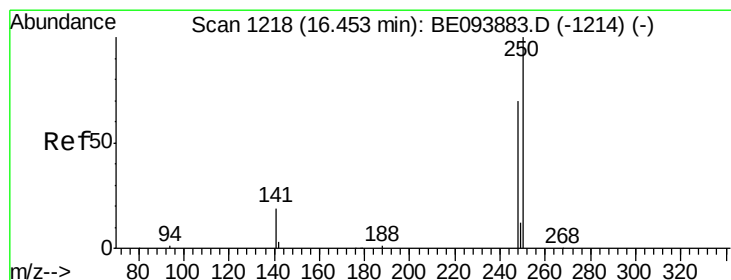
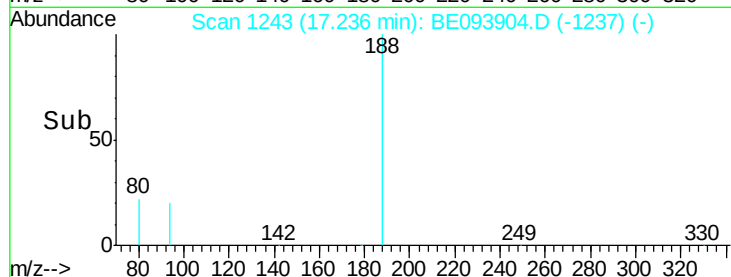
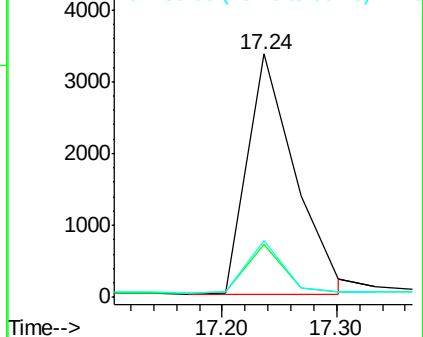
80 23.5 18.2 27.2



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: 0.357 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

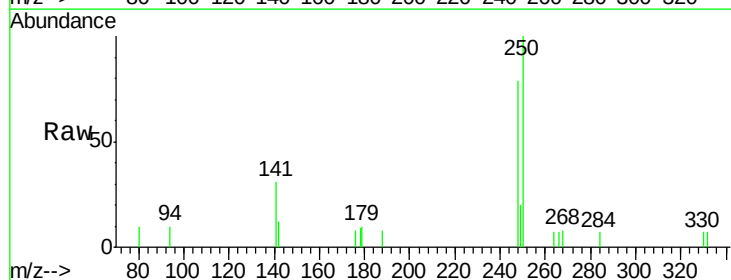
Tgt Ion:248 Resp: 1371

Ion Ratio Lower Upper

248 100

250 126.4 111.8 167.8

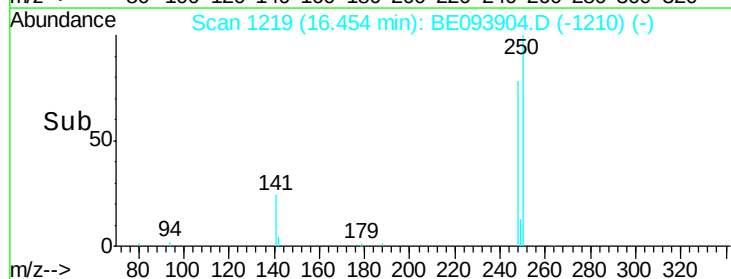
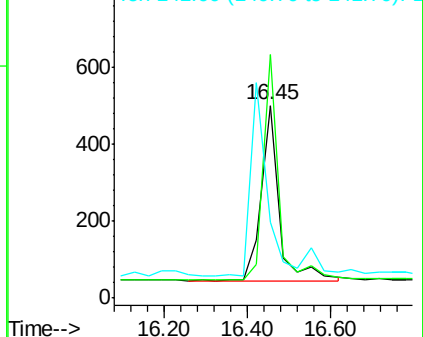
141 39.6 27.1 40.7

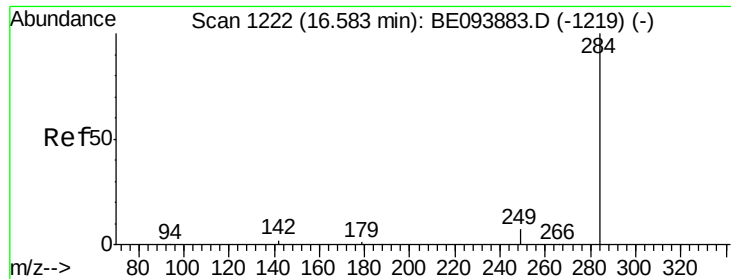


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

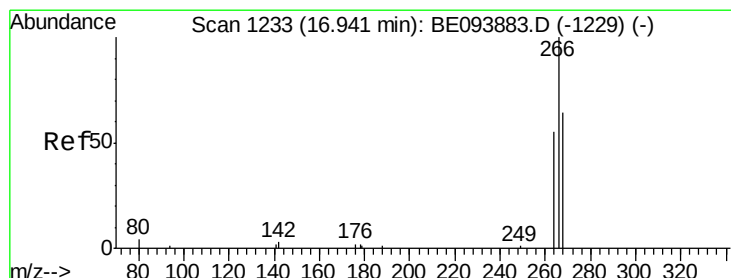
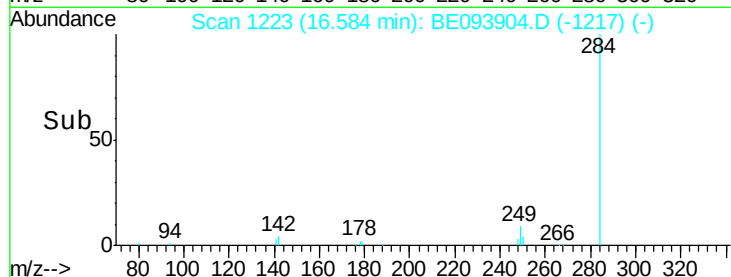
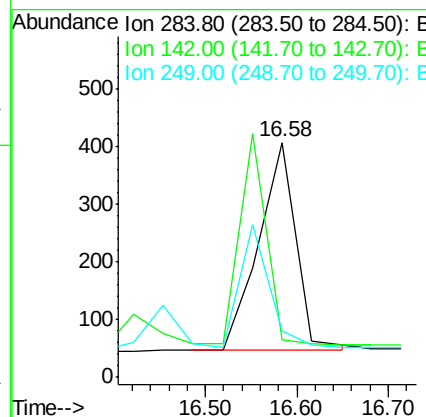
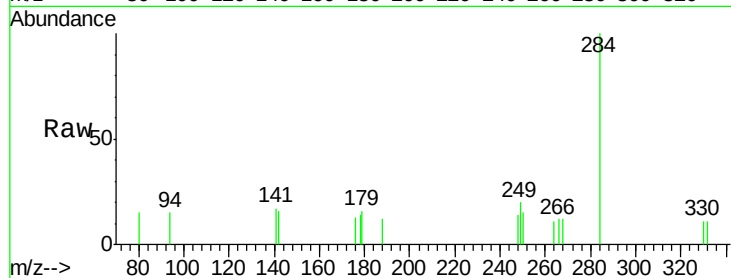




#21
Hexachlorobenzene
Concen: 0.286 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093904.D
Acq: 1 Sep 2017 16:22

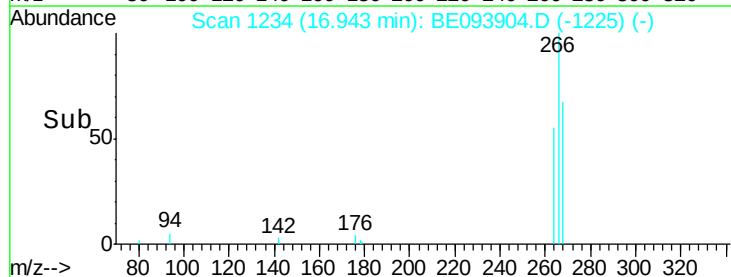
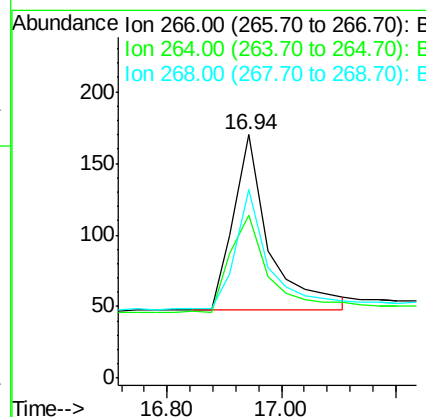
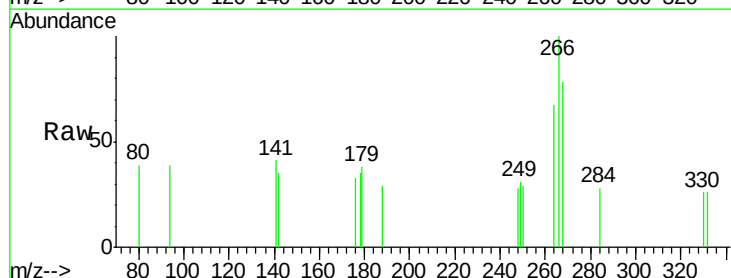
Instrument :
BNA_E
ClientSampleId :
PB101940BSD

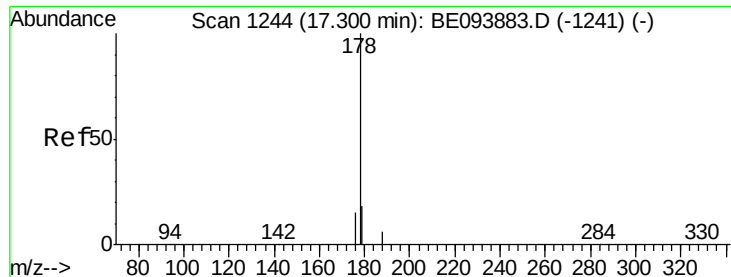
Tgt Ion:284 Resp: 1031
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.351 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093904.D
Acq: 1 Sep 2017 16:22

Tgt Ion:266 Resp: 528
Ion Ratio Lower Upper
266 100
264 67.1 53.5 80.3
268 77.6 60.0 90.0





#23

Phenanthrene

Concen: 0.300 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

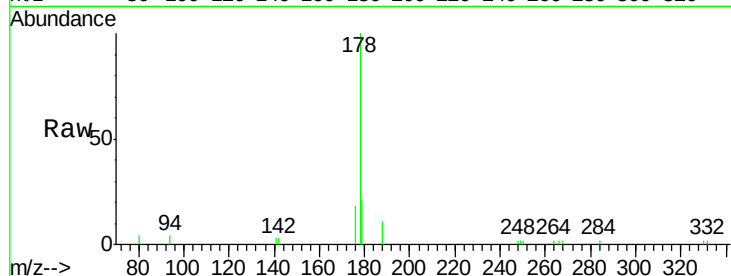
Tgt Ion:178 Resp: 7338

Ion Ratio Lower Upper

178 100

176 19.3 0.0 0.0#

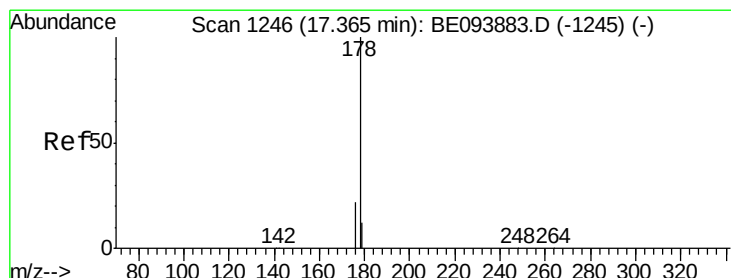
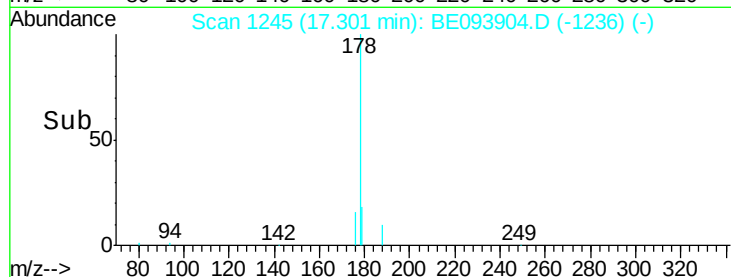
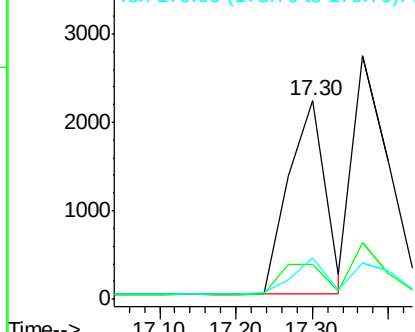
179 16.2 12.6 18.8



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



#24

Anthracene

Concen: 0.302 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

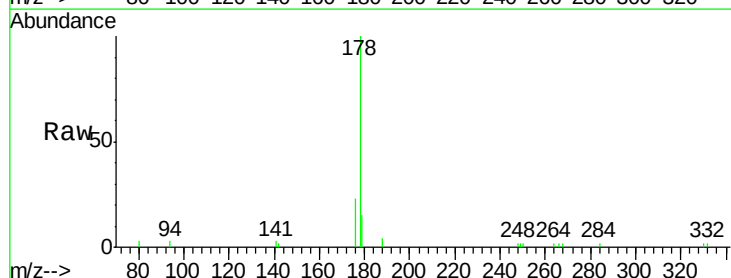
Tgt Ion:178 Resp: 8791

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

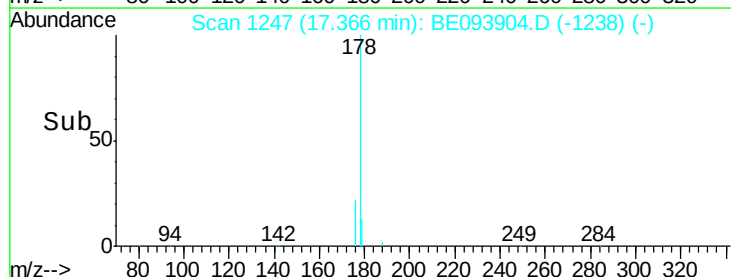
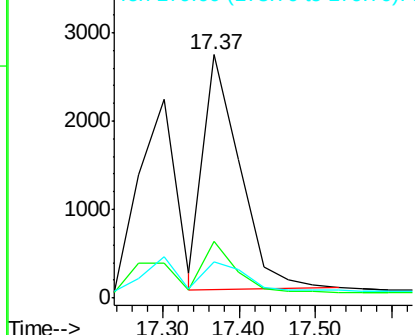
179 0.0 0.0 0.0

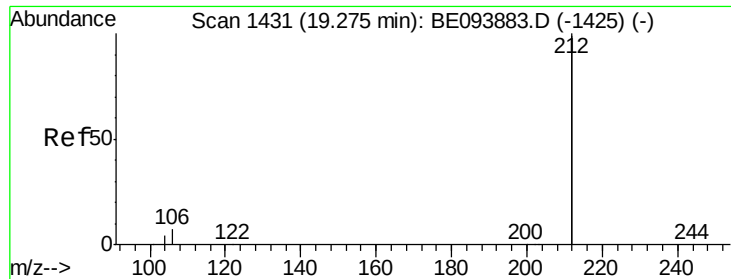


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

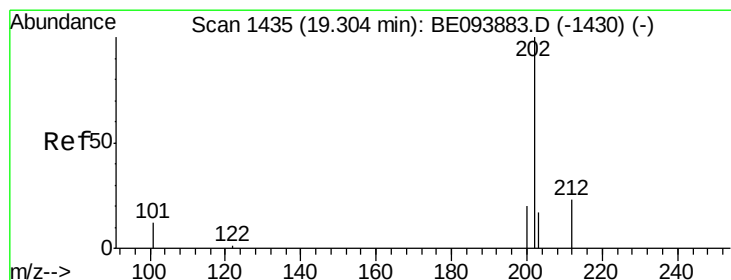
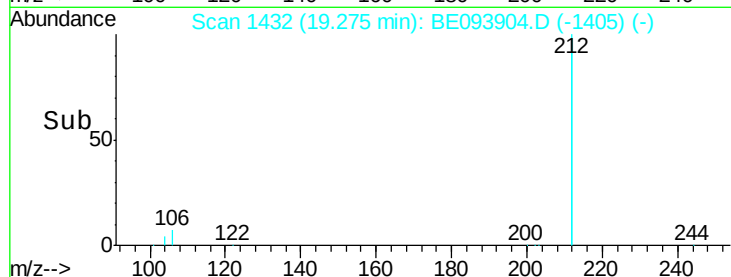
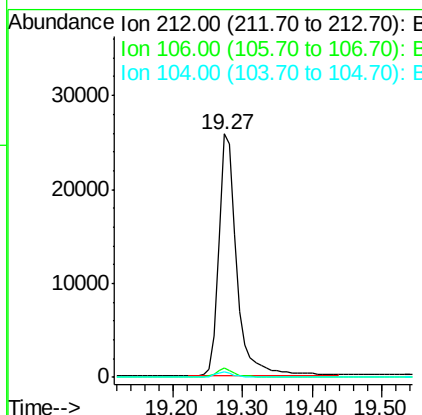
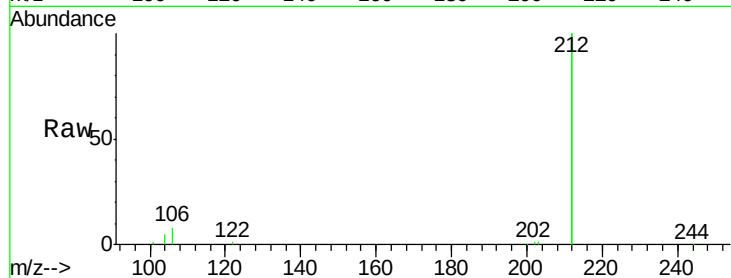




#25
 Fluoranthene-d10
 Concen: 0.413 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093904.D
 Acq: 1 Sep 2017 16:22

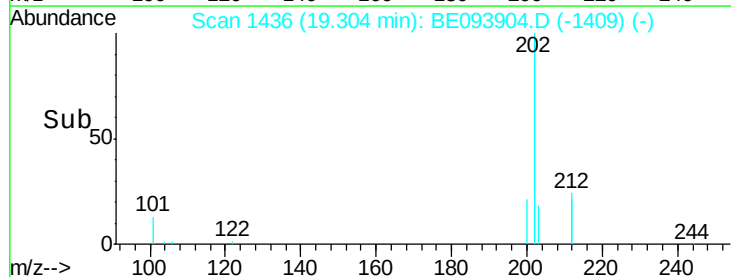
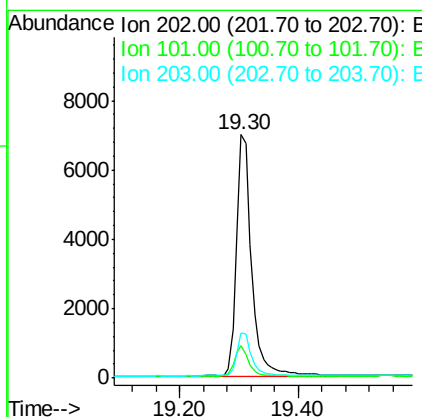
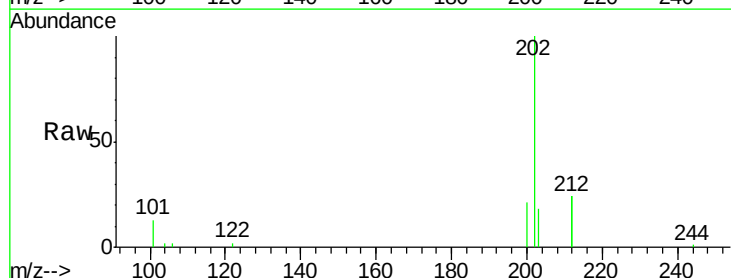
Instrument :
 BNA_E
 ClientSampleId :
 PB101940BSD

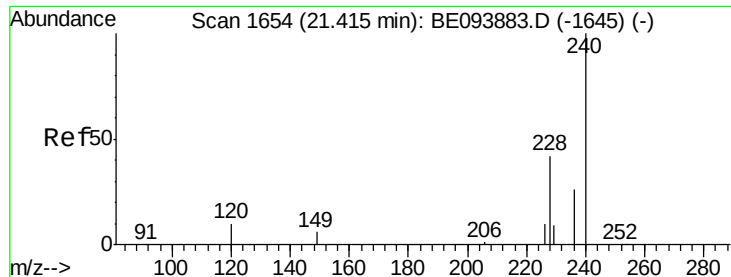
Tgt Ion: 212 Resp: 45767
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.7 4.1
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.375 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE093904.D
 Acq: 1 Sep 2017 16:22

Tgt Ion: 202 Resp: 12556
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.7 14.5
 203 17.2 13.7 20.5

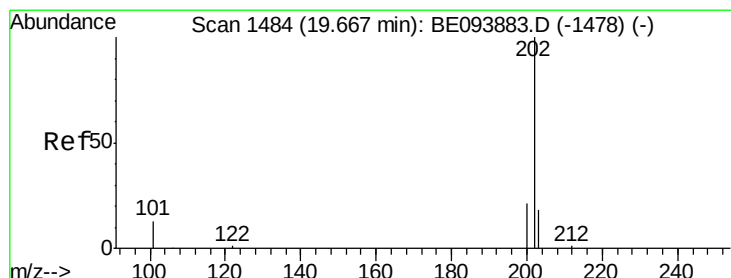
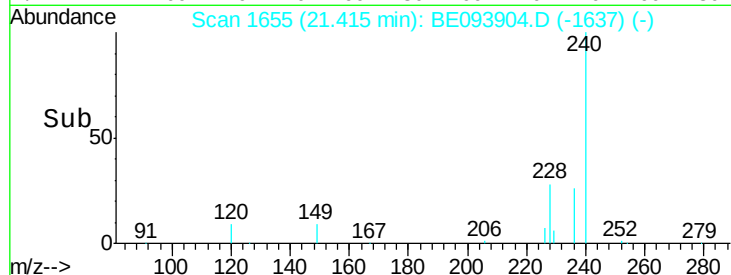
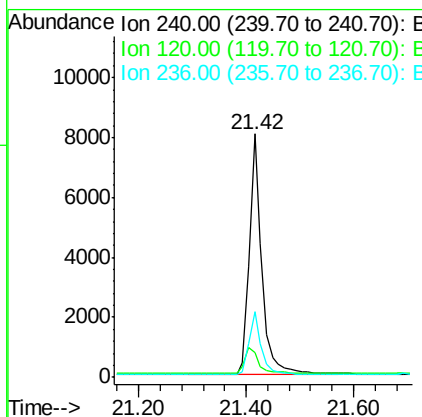
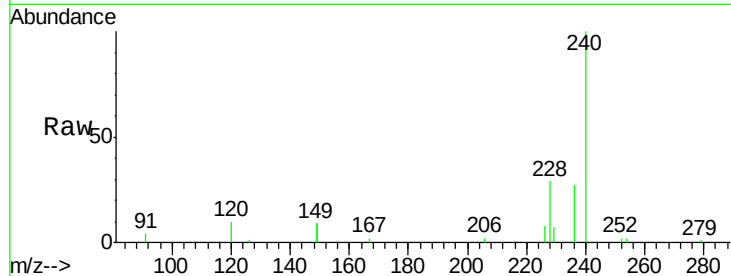




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BE093904.D
 Acq: 1 Sep 2017 16:22

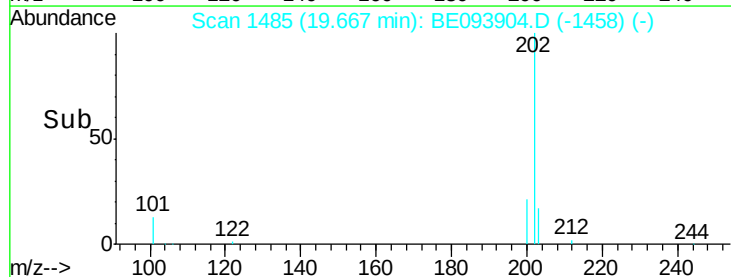
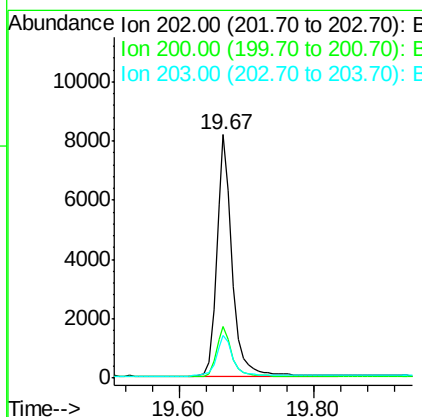
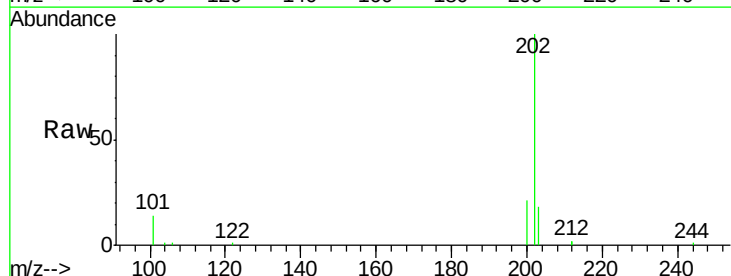
Instrument :
 BNA_E
 ClientSampleId :
 PB101940BSD

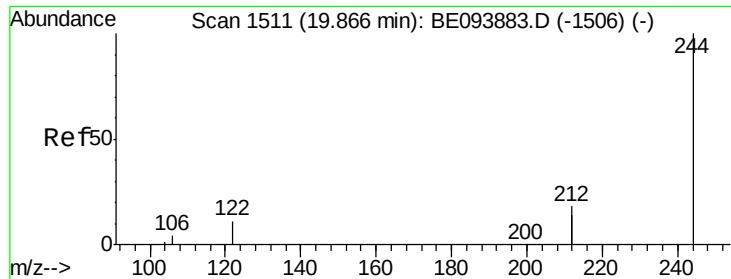
Tgt Ion:240 Resp: 13201
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.7 13.1
 236 26.8 21.3 31.9



#28
 Pyrene
 Concen: 0.296 ng
 RT: 19.67 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BE093904.D
 Acq: 1 Sep 2017 16:22

Tgt Ion:202 Resp: 13131
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 24.8
 203 18.0 14.2 21.4





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093904.D

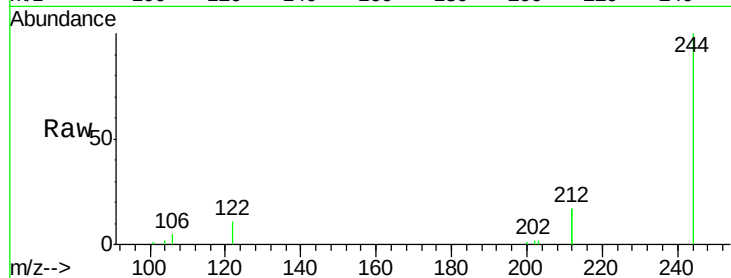
Acq: 1 Sep 2017 16:22

Instrument :

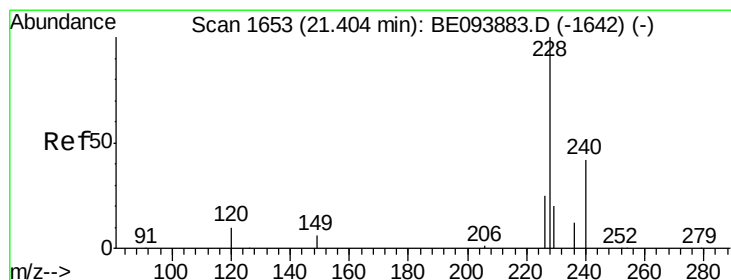
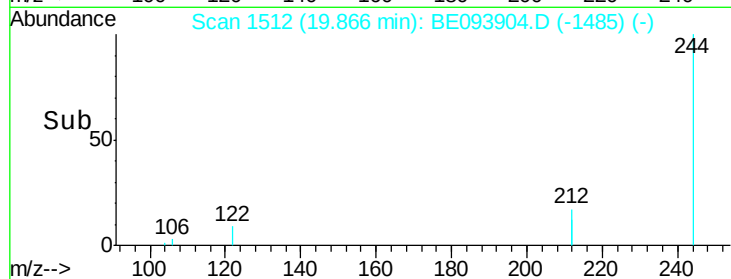
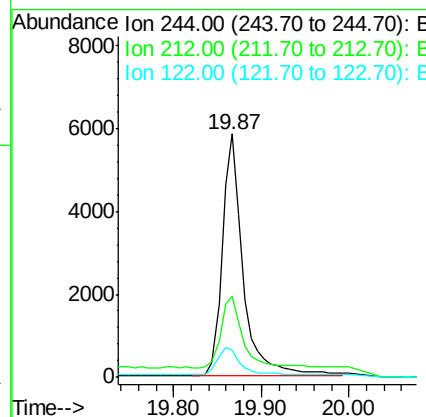
BNA_E

ClientSampleId :

PB101940BSD



Tgt Ion:	244	Resp:	9490
Ion	Ratio	Lower	Upper
244	100		
212	33.2	28.3	42.5
122	11.2	9.4	14.0



#30

Benzo(a)anthracene

Concen: 0.305 ng

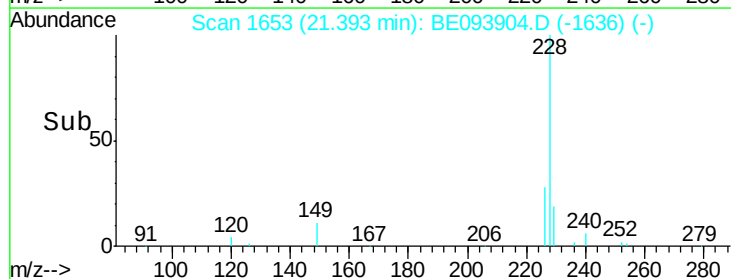
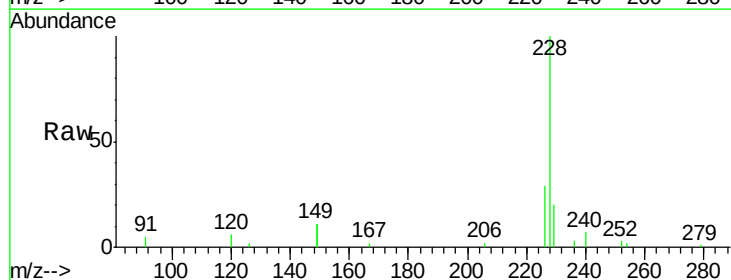
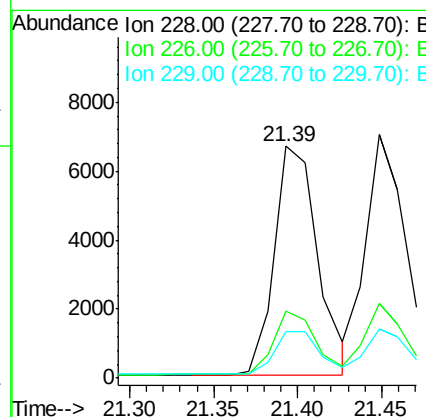
RT: 21.39 min Scan# 1653

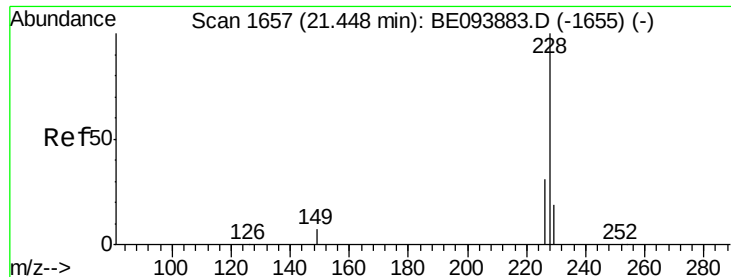
Delta R.T. -0.01 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Tgt Ion:	228	Resp:	11959
Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.8	31.2
229	20.2	16.6	25.0





#31

Chrysene

Concen: 0.290 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

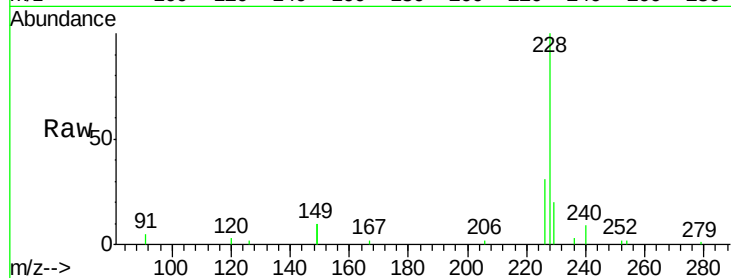
Tgt Ion:228 Resp: 12612

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

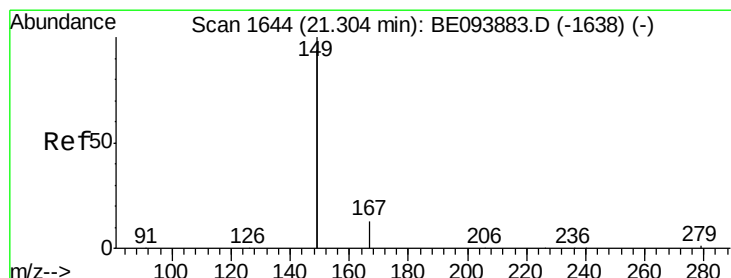
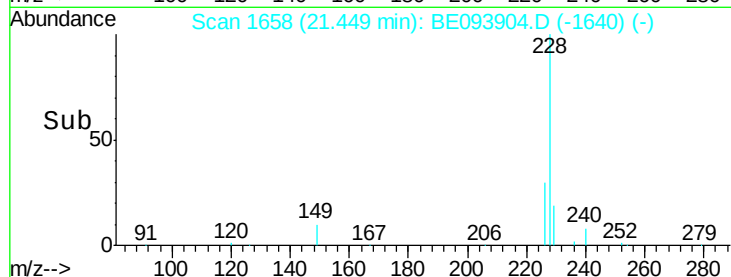
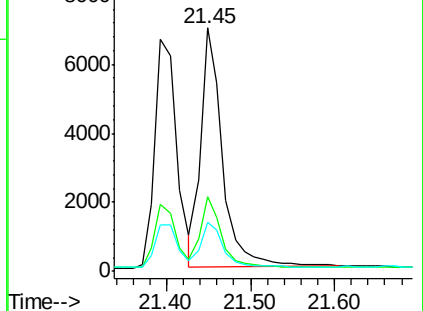
229 20.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.403 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

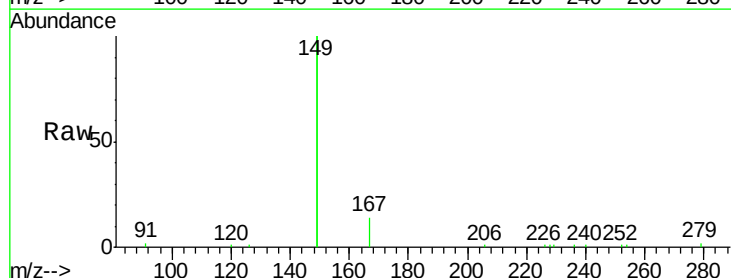
Tgt Ion:149 Resp: 33296

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

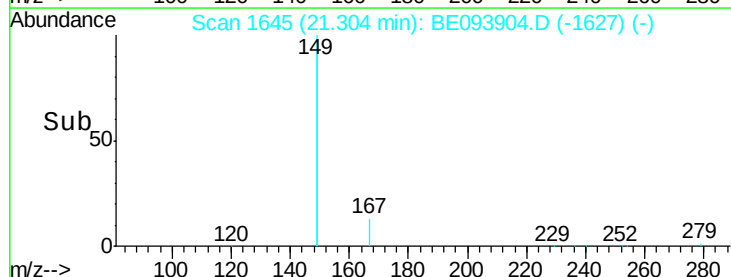
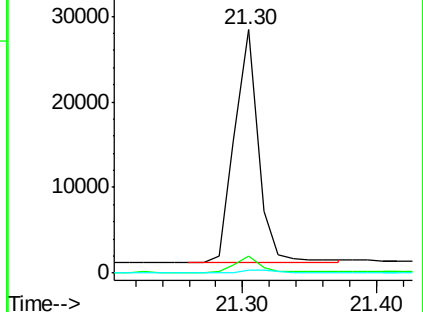
279 1.0 0.7 1.1

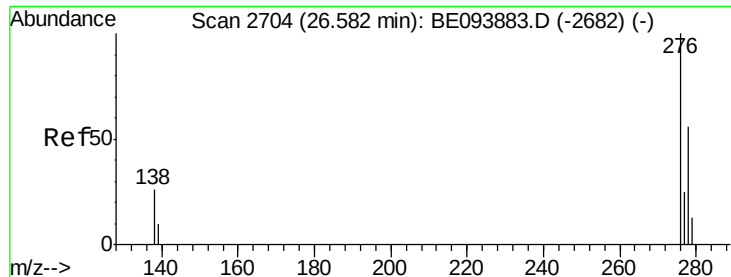


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.335 ng

RT: 26.59 min Scan# 2706

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

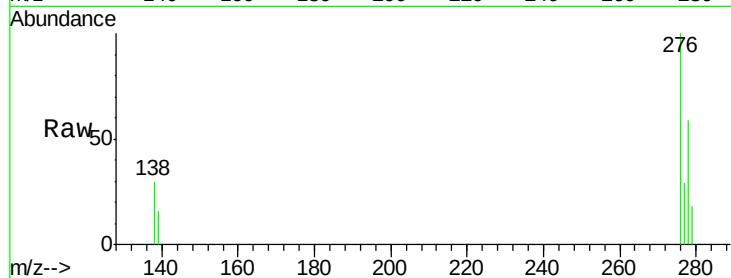
Tgt Ion:276 Resp: 9957

Ion Ratio Lower Upper

276 100

138 25.0 22.2 33.2

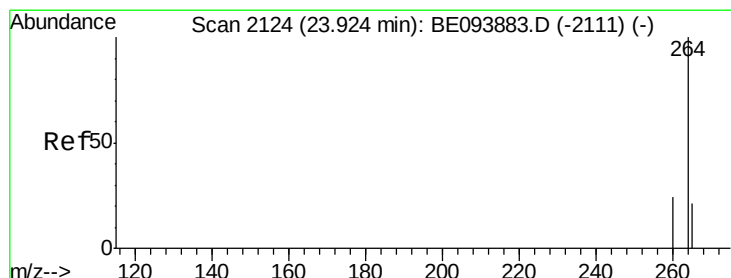
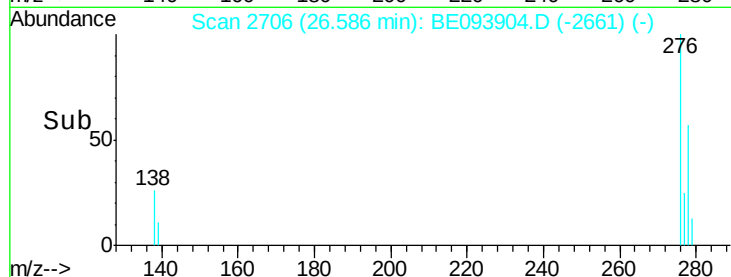
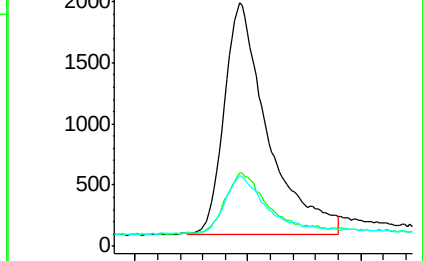
277 23.2 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

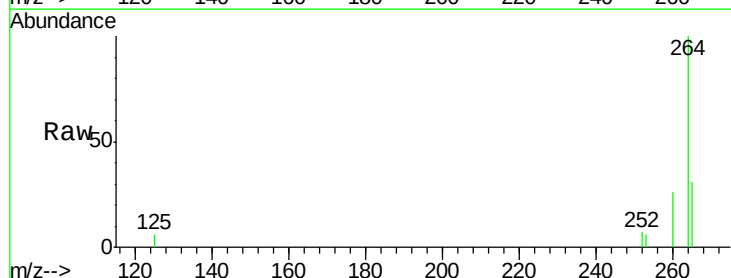
Tgt Ion:264 Resp: 11179

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

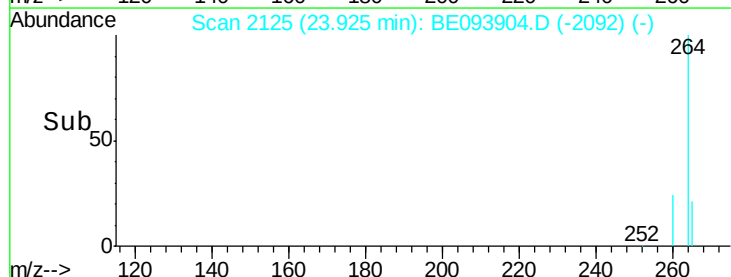
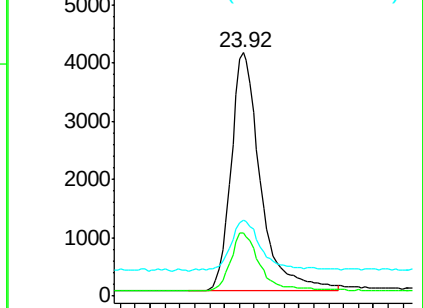
265 31.3 24.0 36.0

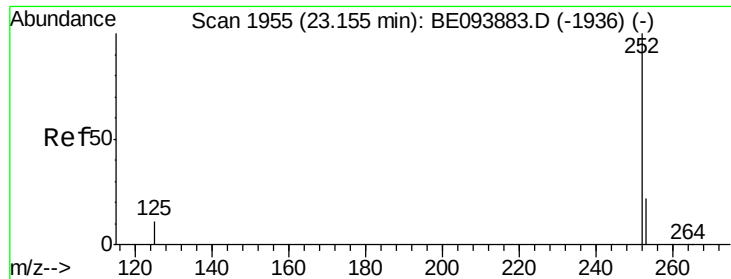


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.301 ng

RT: 23.15 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

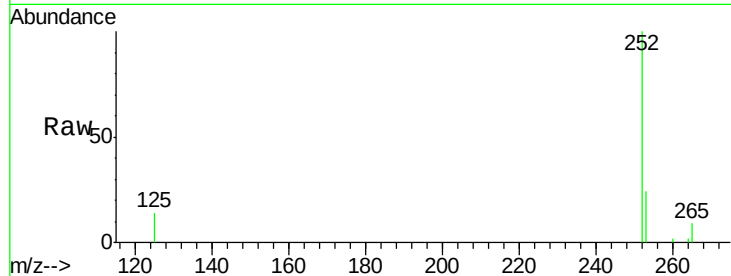
Tgt Ion:252 Resp: 10734

Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.0

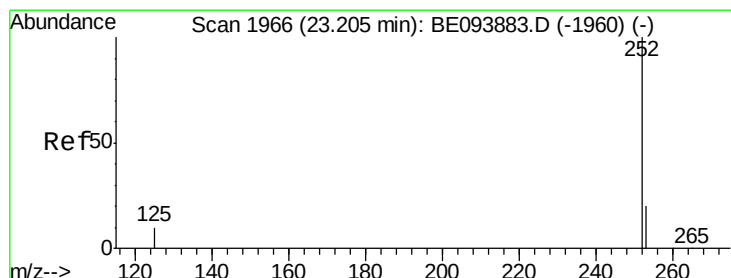
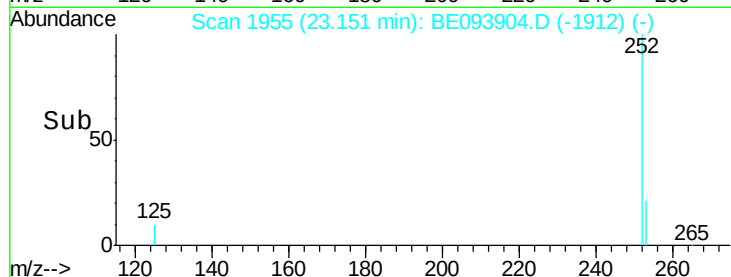
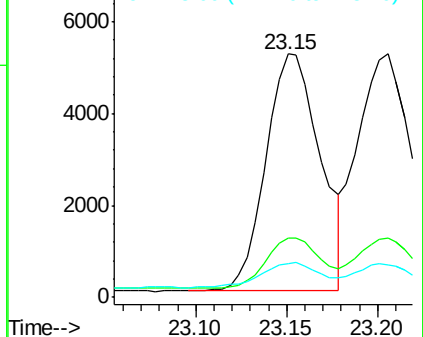
125 13.8 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.310 ng

RT: 23.21 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

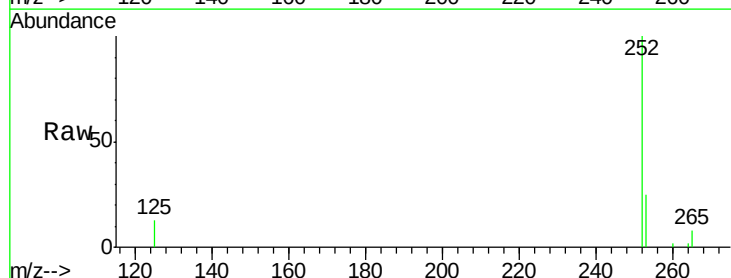
Tgt Ion:252 Resp: 12645

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

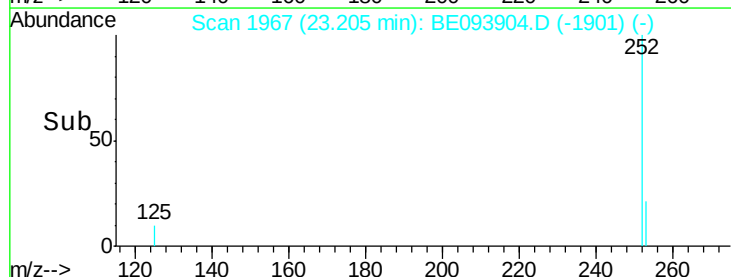
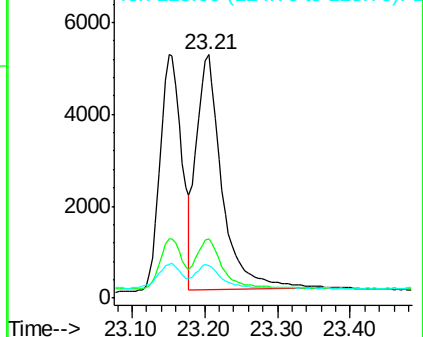
125 13.5 9.8 14.6

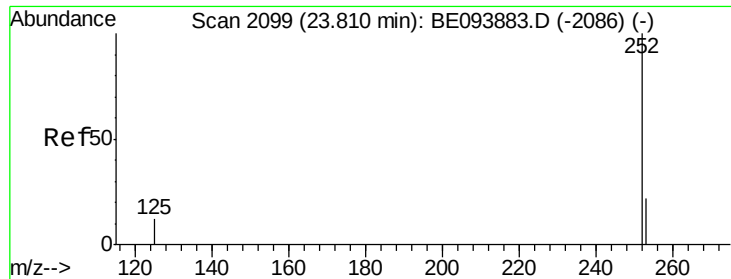


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.312 ng

RT: 23.82 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD

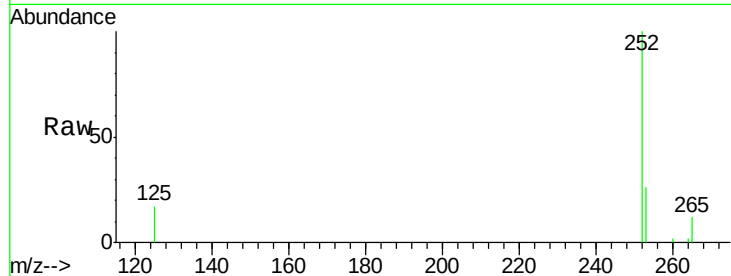
Tgt Ion:252 Resp: 11070

Ion Ratio Lower Upper

252 100

253 26.3 19.6 29.4

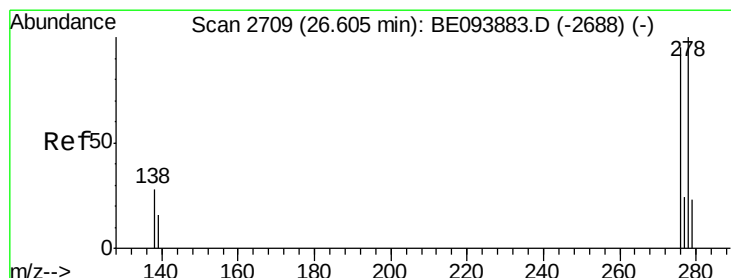
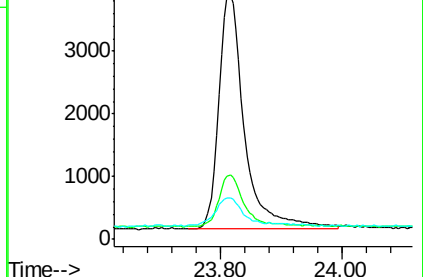
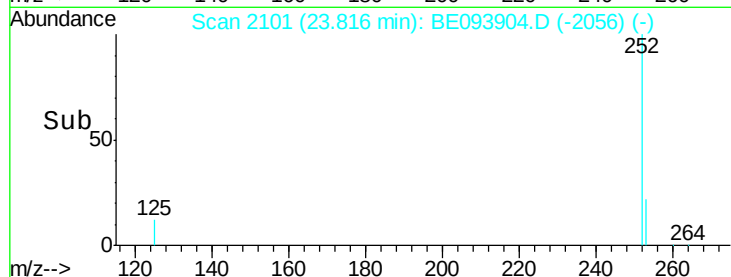
125 17.0 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.314 ng

RT: 26.60 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE093904.D

Acq: 1 Sep 2017 16:22

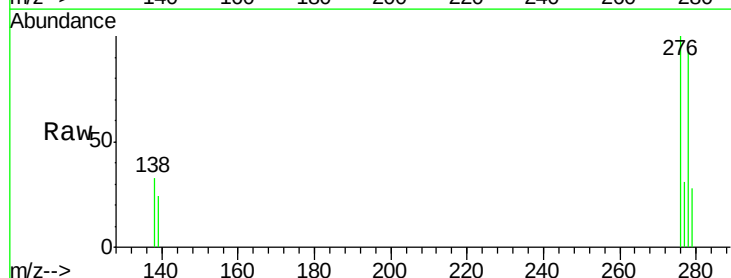
Tgt Ion:278 Resp: 7845

Ion Ratio Lower Upper

278 100

139 25.2 16.7 25.1#

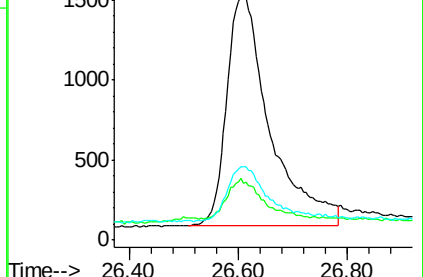
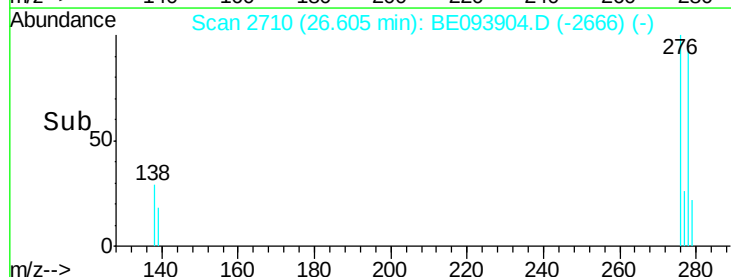
279 29.9 21.6 32.4

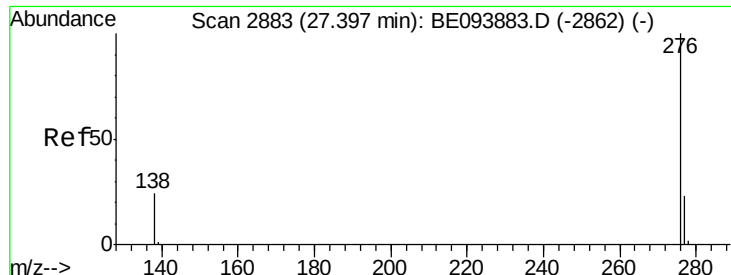


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.327 ng

RT: 27.40 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BE093904.D

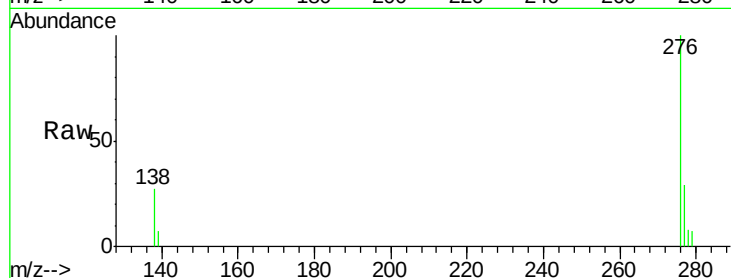
Acq: 1 Sep 2017 16:22

Instrument :

BNA_E

ClientSampleId :

PB101940BSD



Tgt Ion: 276 Resp: 8911

Ion Ratio Lower Upper

276 100

277 28.7 20.6 30.8

138 26.6 21.9 32.9

