

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093477.D
 Acq On : 19 Jul 2017 10:21
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc : L00 0.2 PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 11:59:56 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	7.95	152	4608	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	23864	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14321	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28157	0.40	ng	0.00
27) Chrysene-d12	21.42	240	41781	0.40	ng	-0.01
34) Perylene-d12	23.93	264	34744	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	5182	0.37	ng	-0.01
5) Phenol-d6	7.09	99	7900	0.39	ng	-0.01
8) Nitrobenzene-d5	9.08	82	6475	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	14588	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1039	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	21885	0.39	ng	0.00
25) Fluoranthene-d10	19.28	212	154399	0.45	ng	0.00
29) Terphenyl-d14	19.87	244	27995	0.38	ng	0.00

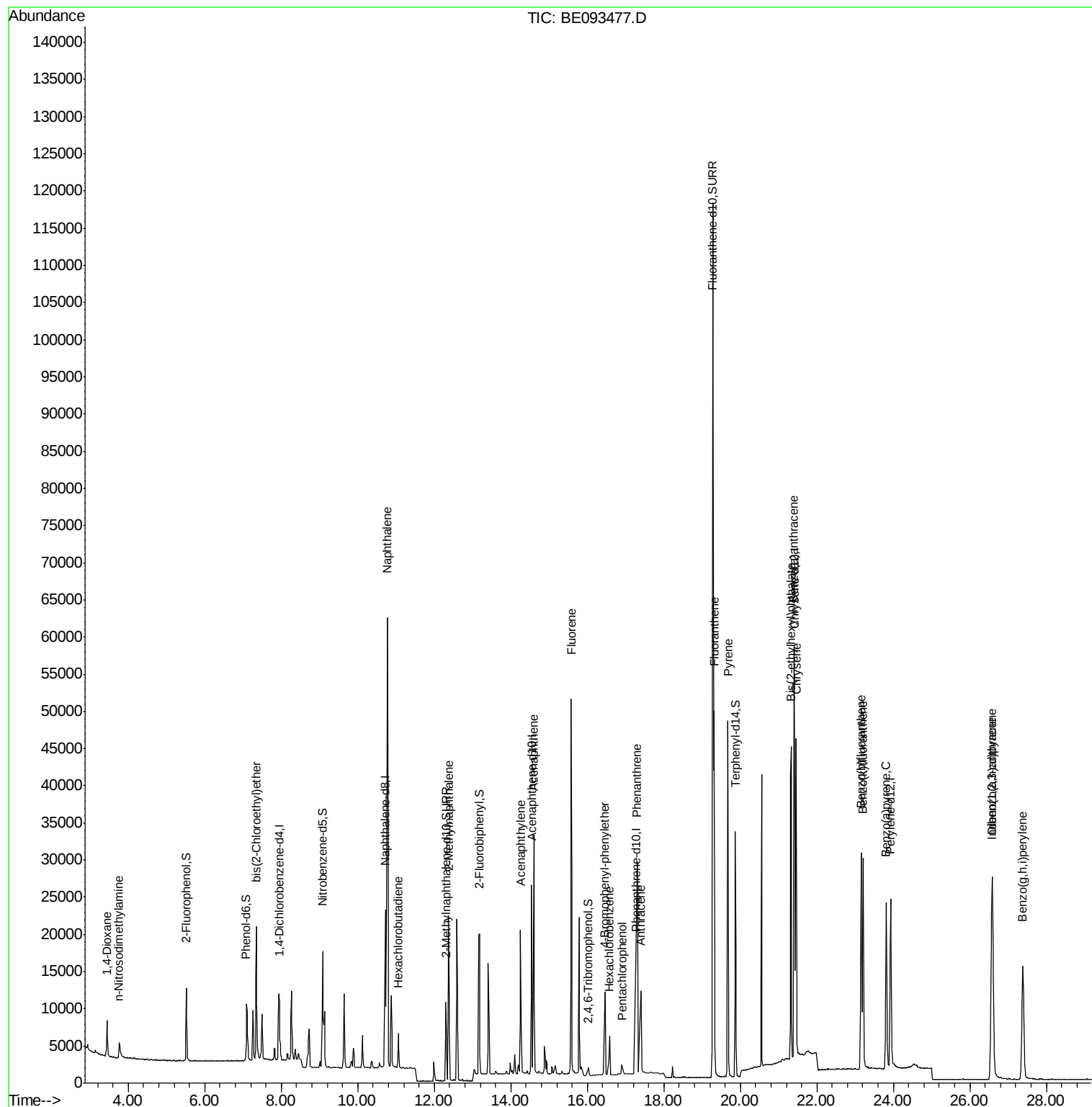
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	3385	0.347	ng	93
3) n-Nitrosodimethylamine	3.75	42	2228	0.437	ng	# 96
6) bis(2-Chloroethyl)ether	7.35	93	6219	0.403	ng	# 98
9) Naphthalene	10.77	128	95701	0.383	ng	# 73
10) Hexachlorobutadiene	11.06	225	3534	0.373	ng	99
12) 2-Methylnaphthalene	12.38	142	15931	0.379	ng	98
16) Acenaphthylene	14.26	152	21930	0.368	ng	# 88
17) Acenaphthene	14.60	154	16189	0.370	ng	99
18) Fluorene	15.58	166	20967	0.350	ng	# 86
20) 4-Bromophenyl-phenylether	16.45	248	8826	0.572	ng	# 3
21) Hexachlorobenzene	16.58	284	8165	0.490	ng	# 100
22) Pentachlorophenol	16.91	266	1273	0.587	ng	# 80
23) Phenanthrene	17.30	178	42984	0.420	ng	96
24) Anthracene	17.40	178	16436	0.262	ng	# 73
26) Fluoranthene	19.31	202	43947	0.457	ng	99
28) Pyrene	19.67	202	44450	0.378	ng	# 99
30) Benzo(a)anthracene	21.40	228	41928	0.372	ng	95
31) Chrysene	21.46	228	45005	0.381	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	56391	0.347	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.57	276	40522	0.391	ng	94
35) Benzo(b)fluoranthene	23.15	252	41583	0.371	ng	# 96
36) Benzo(k)fluoranthene	23.20	252	40749	0.367	ng	94
37) Benzo(a)pyrene	23.82	252	36669	0.373	ng	# 94
38) Dibenzo(a,h)anthracene	26.60	278	35213	0.369	ng	# 92
39) Benzo(g,h,i)perylene	27.38	276	36716	0.381	ng	# 91

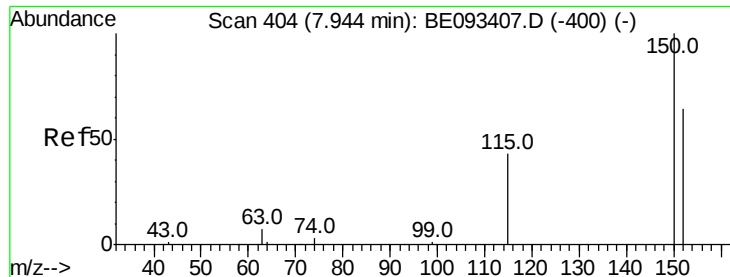
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093477.D
Acq On : 19 Jul 2017 10:21
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc : LOO 0.2 PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jul 20 11:59:56 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampled :

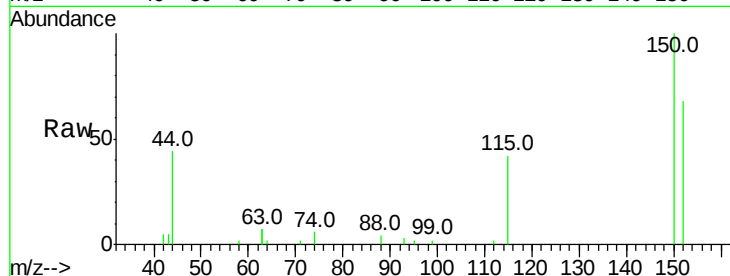
Tot Ion:152 Resp: 4608

Ion Ratio Lower Upper

152 100

150 148.0 125.1 187.7

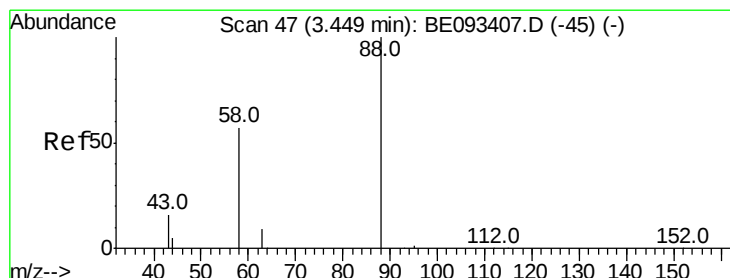
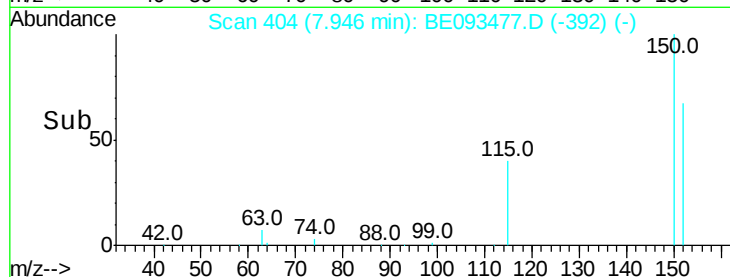
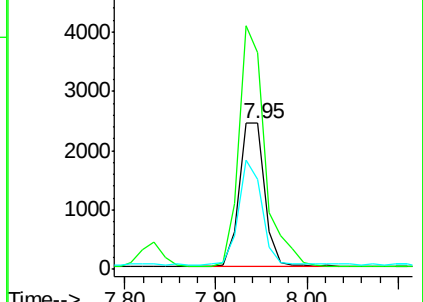
115 61.7 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.347 ng

RT: 3.44 min Scan# 46

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

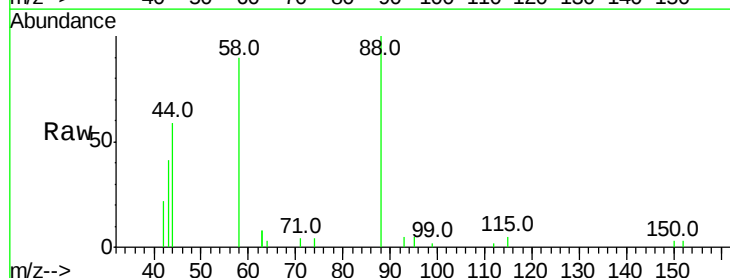
Tgt Ion: 88 Resp: 3385

Ion Ratio Lower Upper

88 100

58 83.9 62.2 93.4

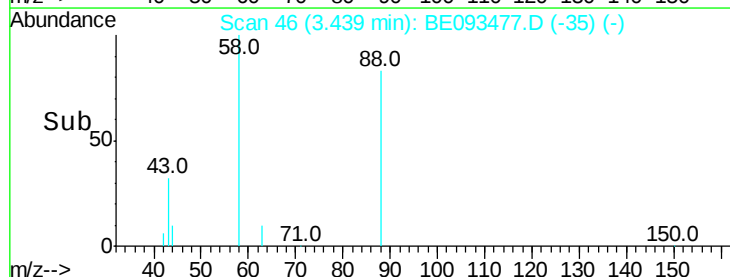
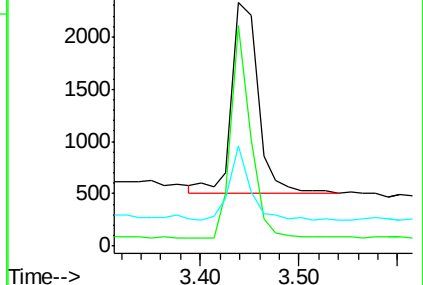
43 31.9 23.2 34.8

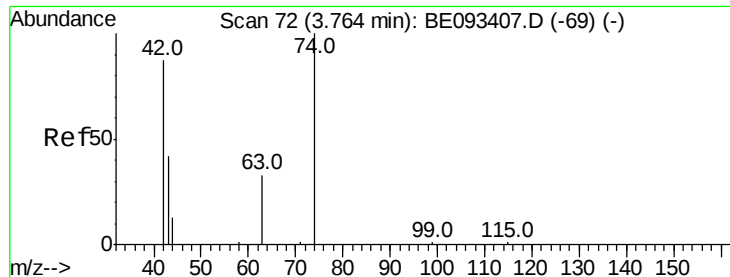


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



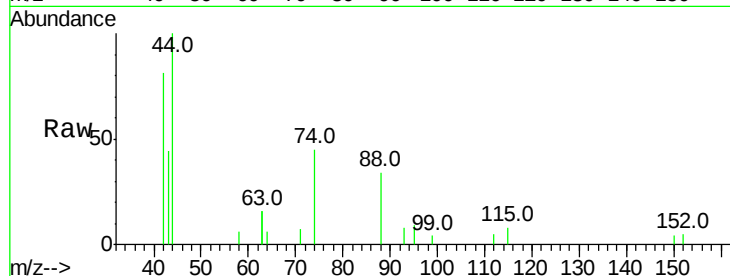


#3

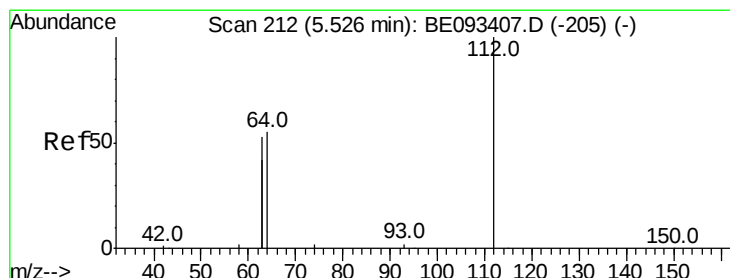
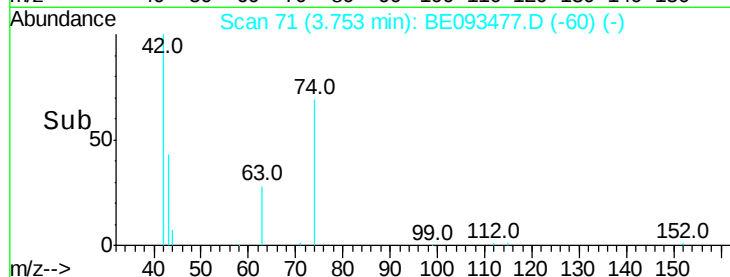
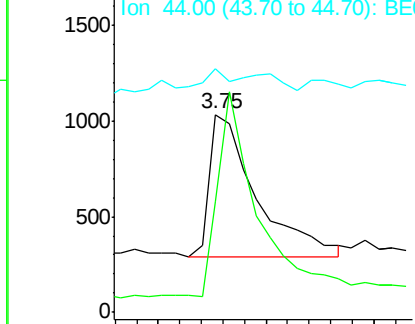
n-Nitrosodimethylamine
Concen: 0.437 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 2228
Ion Ratio Lower Upper
42 100
74 127.7 99.1 148.7
44 5.3 7.4 11.2#



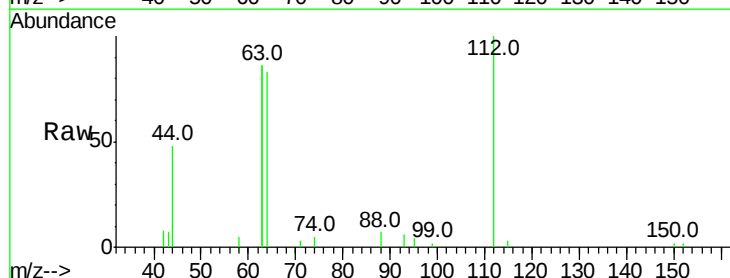
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



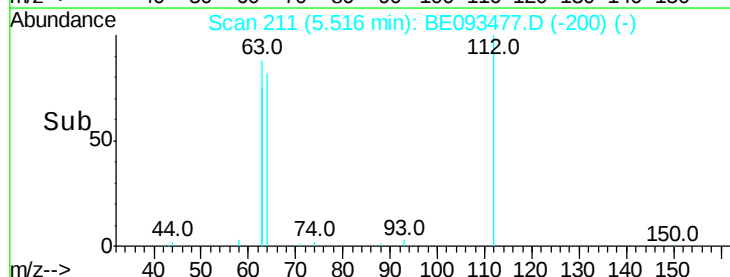
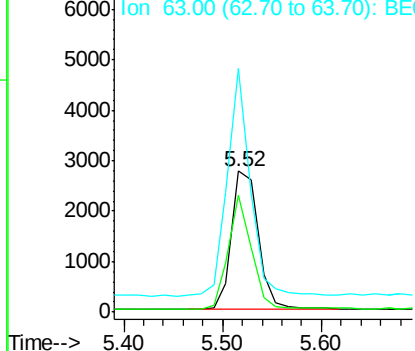
#4

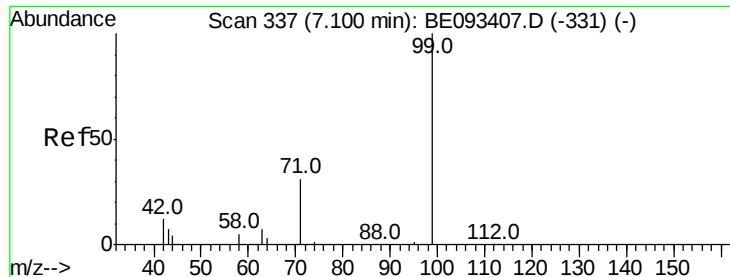
2-Fluorophenol
Concen: 0.373 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

Tgt Ion: 112 Resp: 5182
Ion Ratio Lower Upper
112 100
64 70.6 56.4 84.6
63 141.7 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: 0.385 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampled :

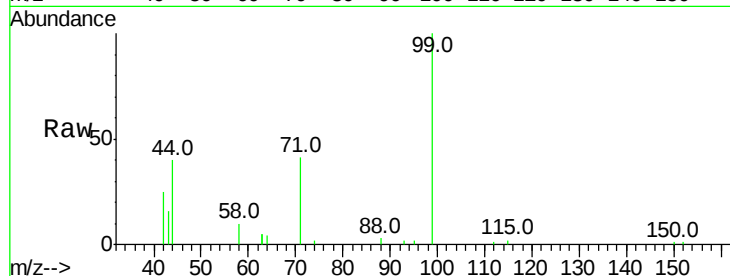
Tot Ion: 99 Resp: 7900

Ion Ratio Lower Upper

99 100

42 19.8 0.0 0.0#

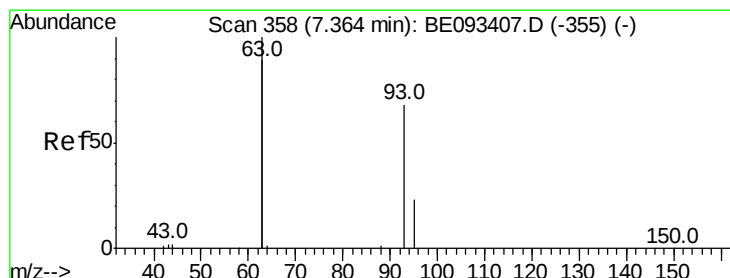
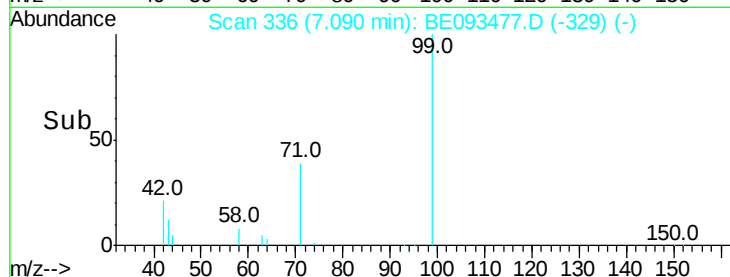
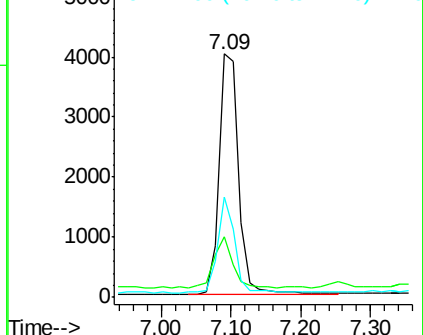
71 33.9 0.0 0.0#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

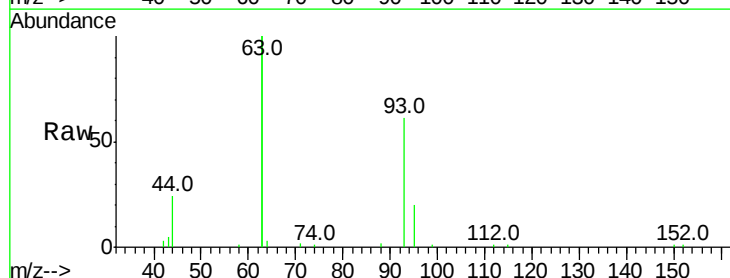
Tgt Ion: 93 Resp: 6219

Ion Ratio Lower Upper

93 100

63 345.2 0.0 0.0#

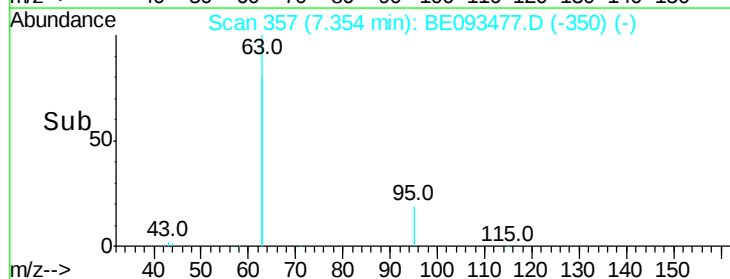
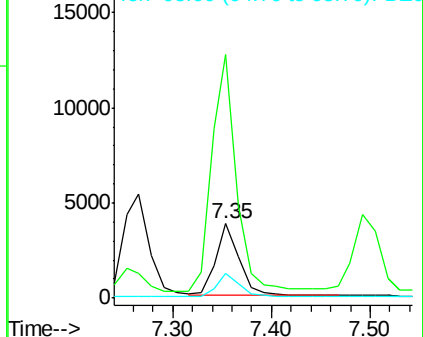
95 32.8 25.4 38.0

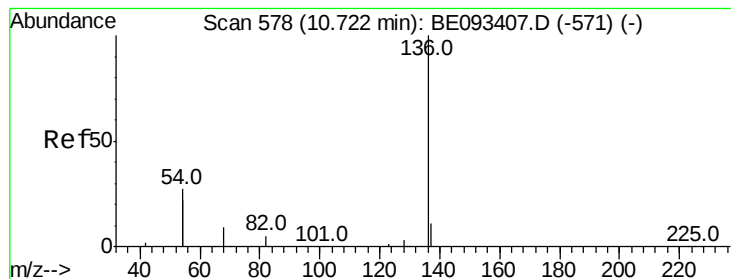


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 23864

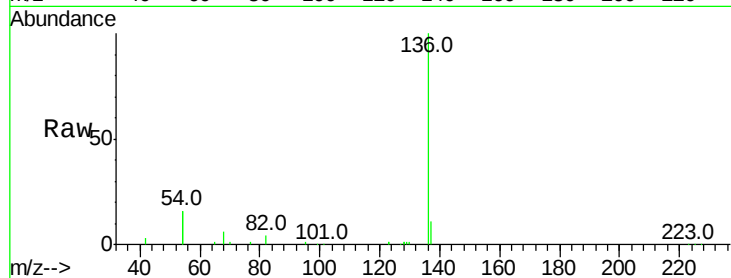
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 31.3 10.3 15.5#

68 6.4 9.0 13.4#

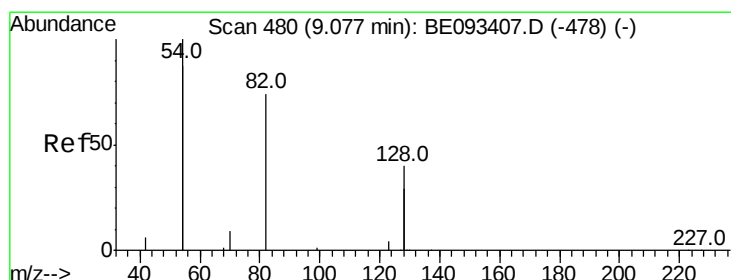
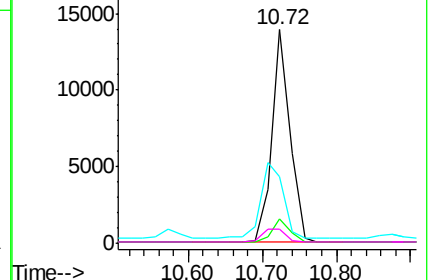
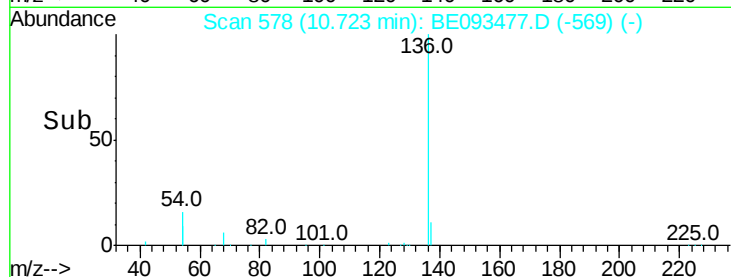


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

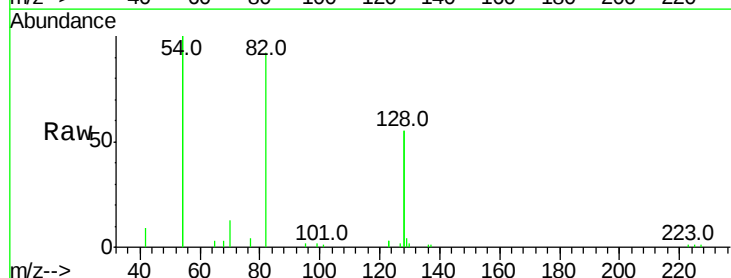
Tgt Ion: 82 Resp: 6475

Ion Ratio Lower Upper

82 100

128 120.4 17.0 25.4#

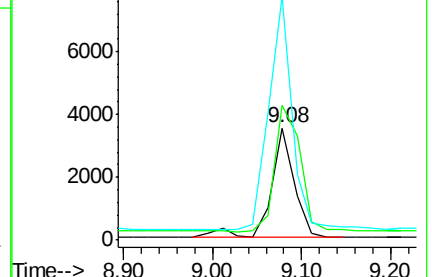
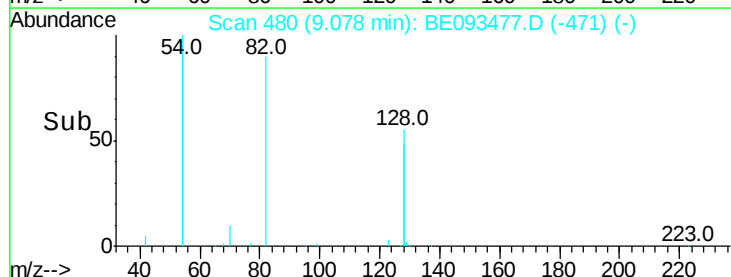
54 217.4 53.8 80.6#

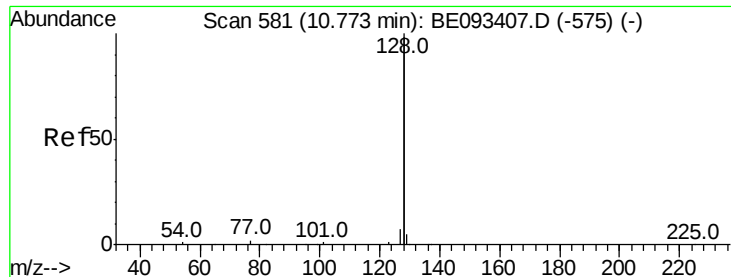


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.383 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampleId :

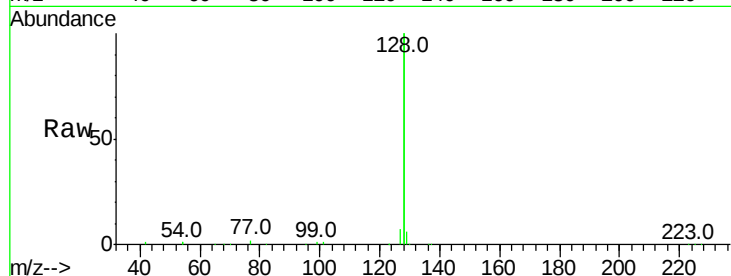
Tot Ion:128 Resp: 95701

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

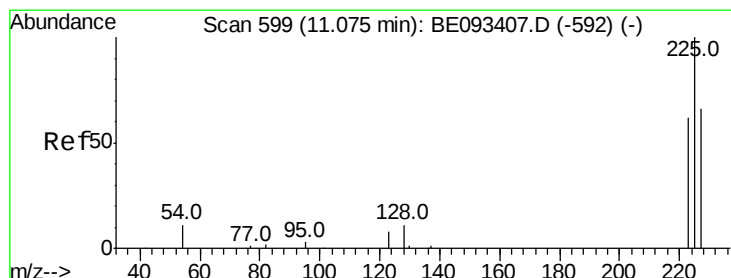
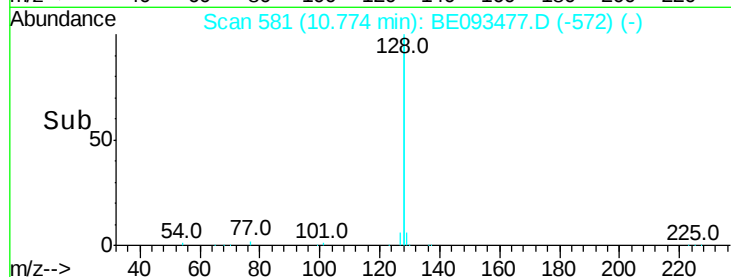
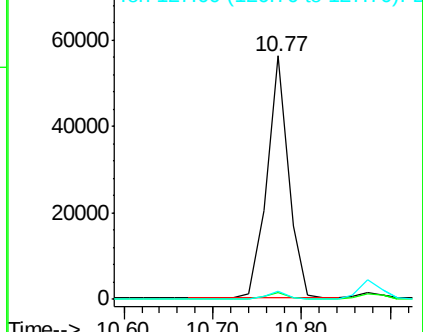
127 3.3 11.2 16.8#



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: 0.373 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

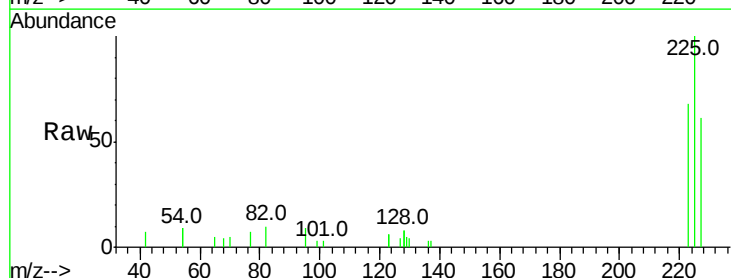
Tgt Ion:225 Resp: 3534

Ion Ratio Lower Upper

225 100

223 63.3 49.7 74.5

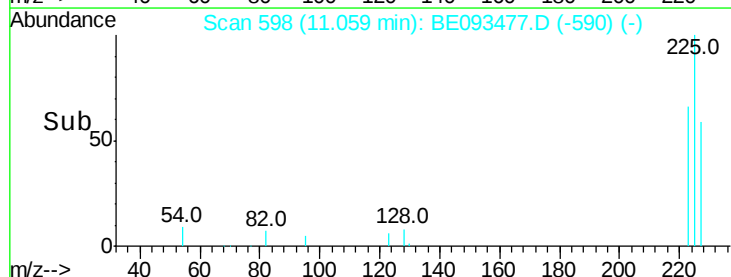
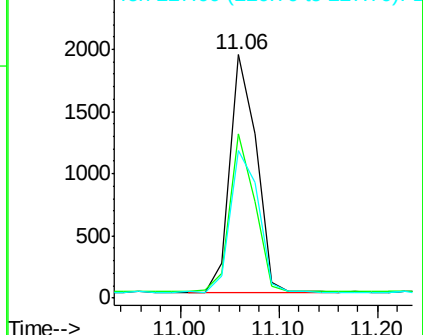
227 63.7 50.3 75.5

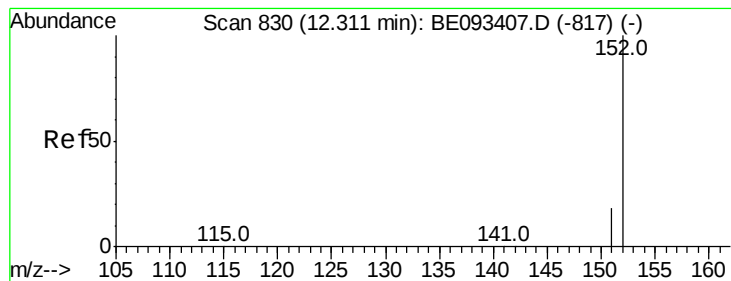


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

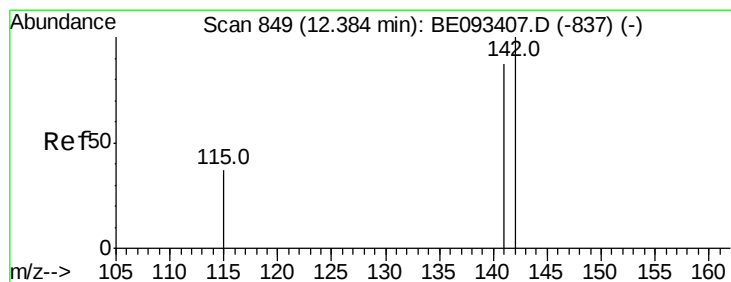
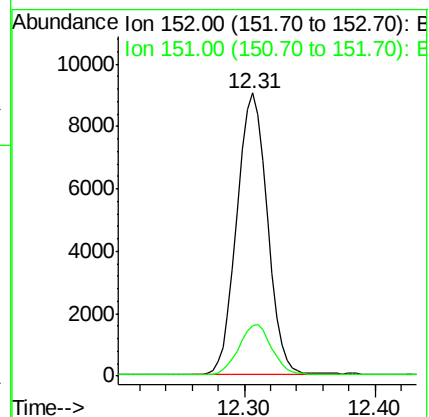
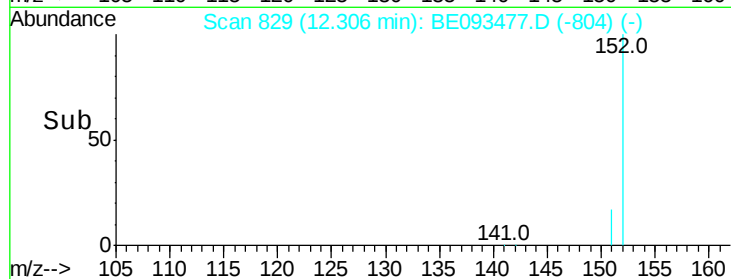
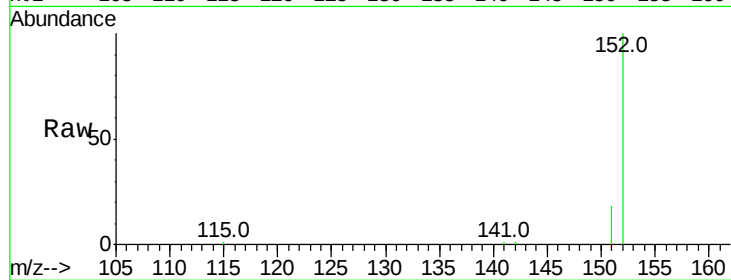
ClientSampleId :

Tot Ion:152 Resp: 14588

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.379 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

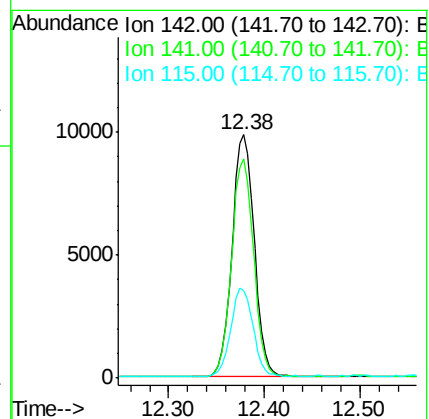
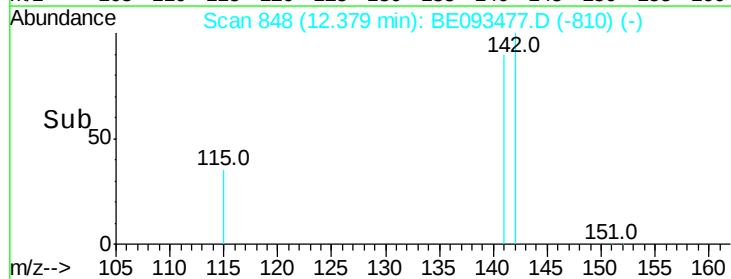
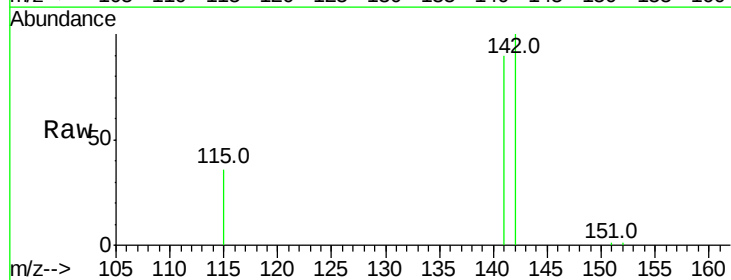
Tgt Ion:142 Resp: 15931

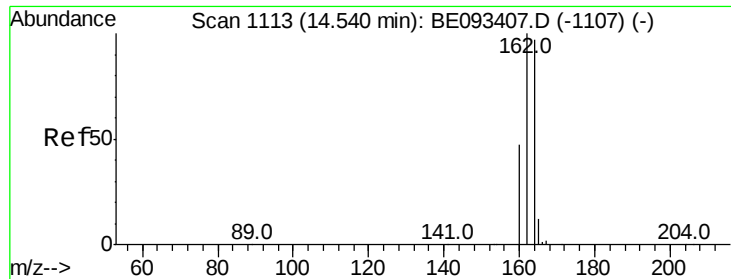
Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8

115 36.1 32.2 48.2

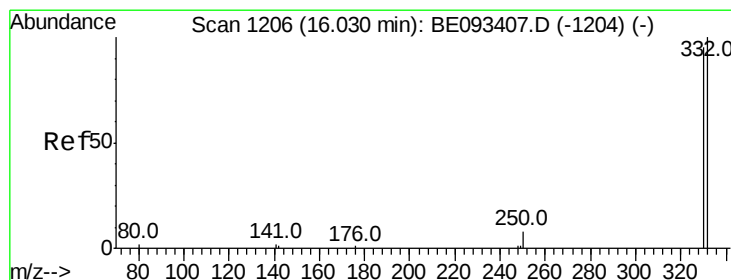
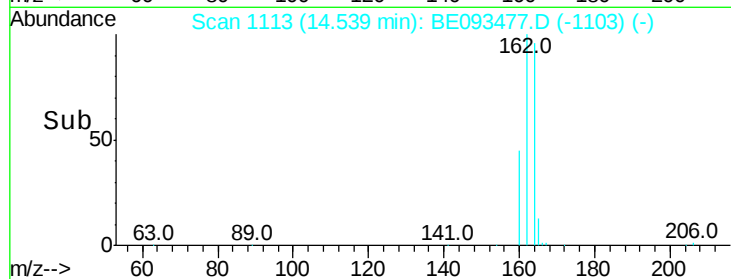
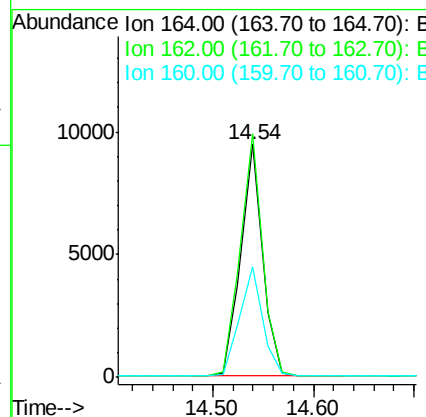
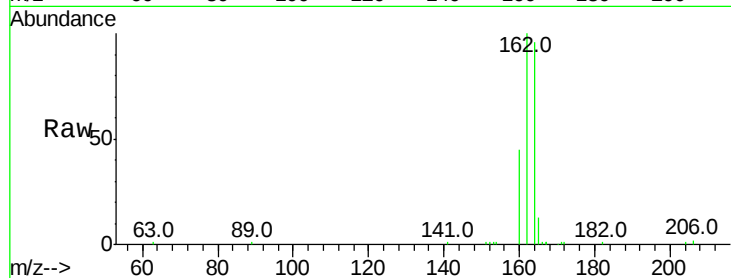




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093477.D
 Acq: 19 Jul 2017 10:21

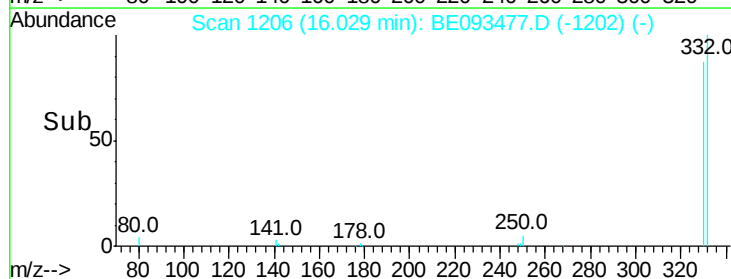
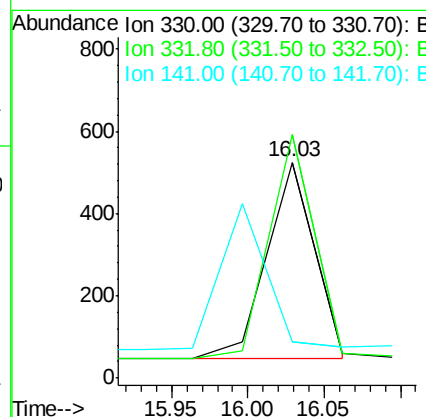
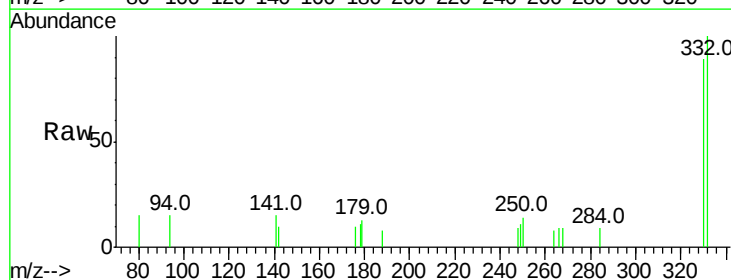
Instrument :
 BNA_E
 ClientSampleId :

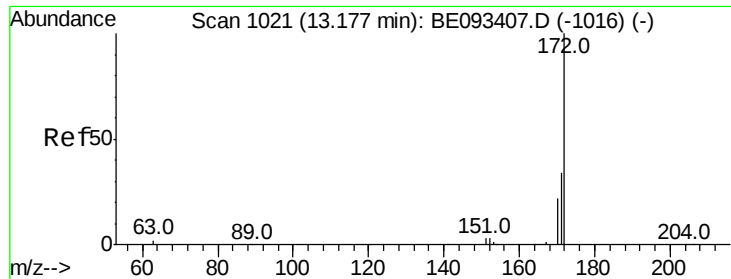
Tot Ion:164 Resp: 14321
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.6 127.0
 160 47.2 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.231 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093477.D
 Acq: 19 Jul 2017 10:21

Tgt Ion:330 Resp: 1039
 Ion Ratio Lower Upper
 330 100
 332 109.1 77.7 116.5
 141 0.0 56.2 84.4#

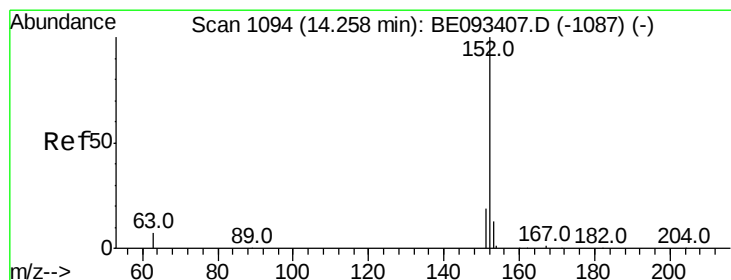
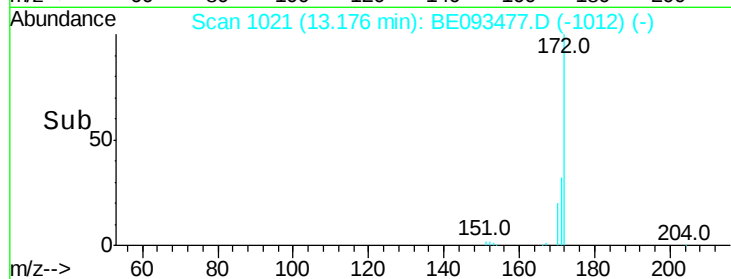
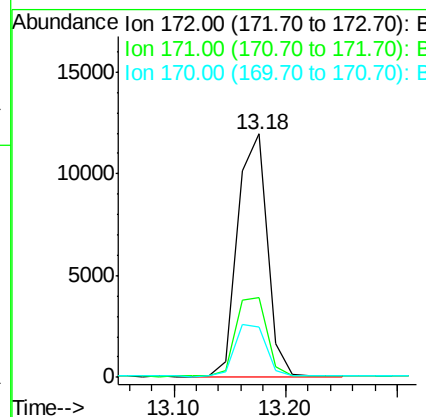
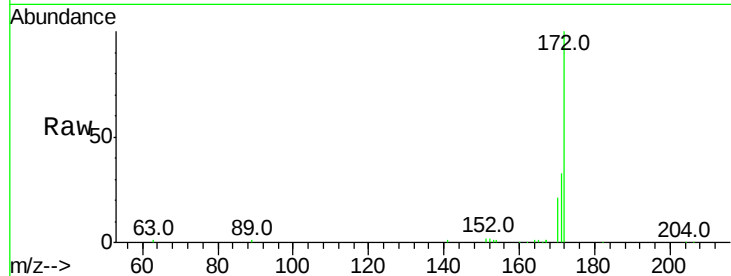




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

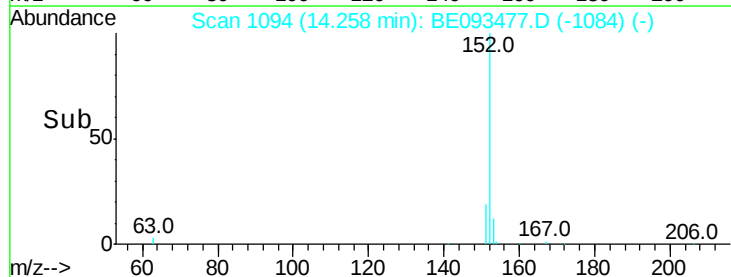
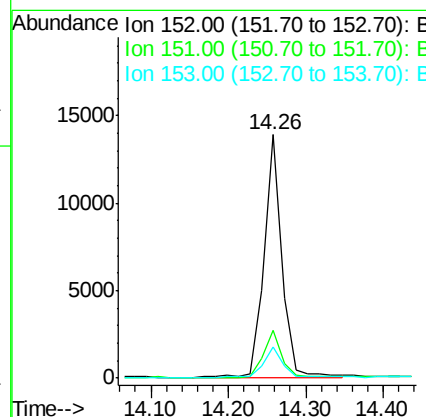
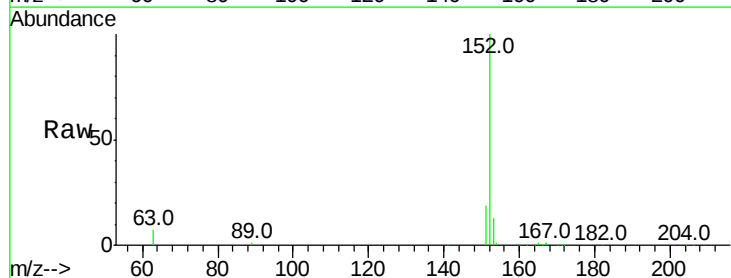
Instrument :
BNA_E
ClientSampleId :

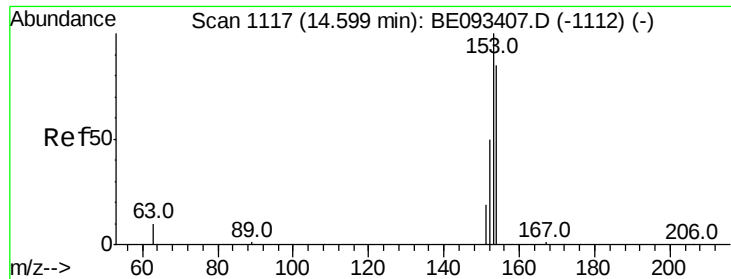
Tot Ion:172 Resp: 21885
Ion Ratio Lower Upper
172 100
171 32.8 29.8 44.6
170 20.8 20.7 31.1



#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

Tgt Ion:152 Resp: 21930
Ion Ratio Lower Upper
152 100
151 19.4 4.0 6.0#
153 12.7 10.3 15.5

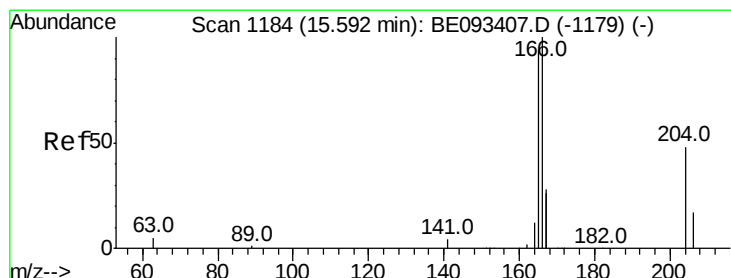
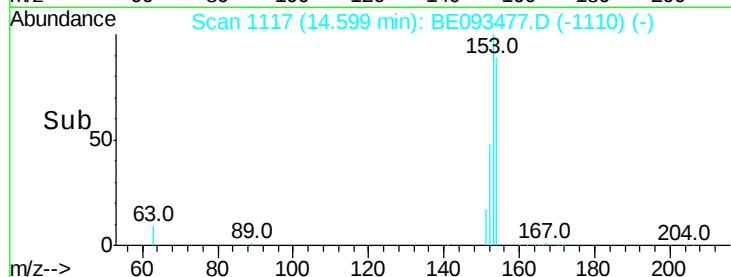
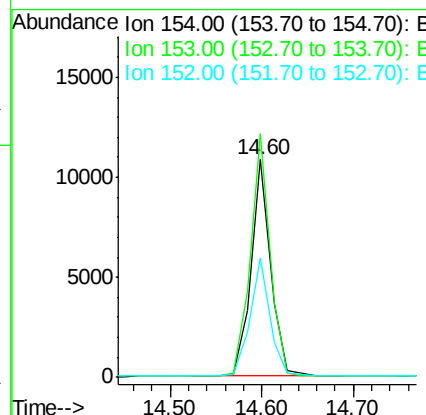
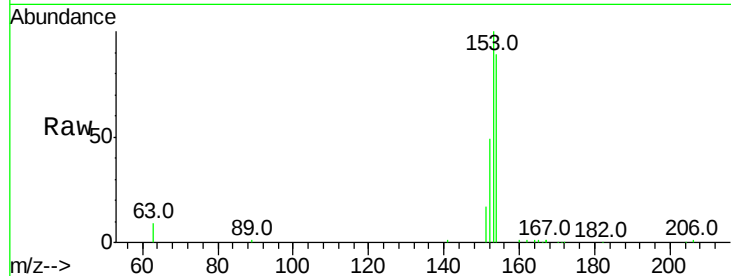




#17
Acenaphthene
Concen: 0.370 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

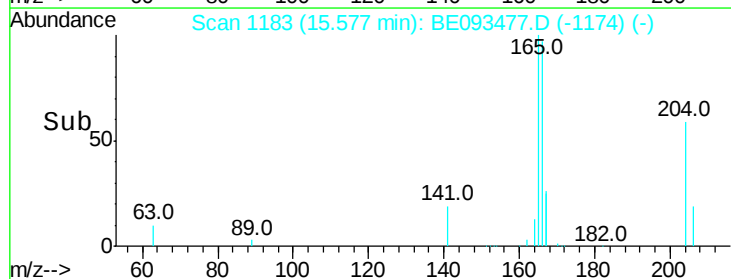
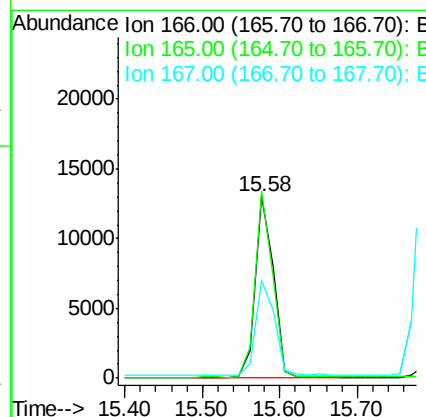
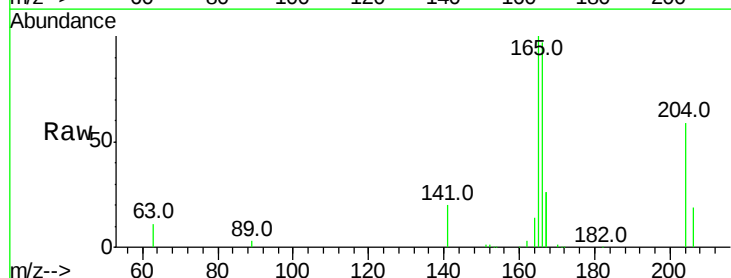
Instrument :
BNA_E
ClientSampleId :

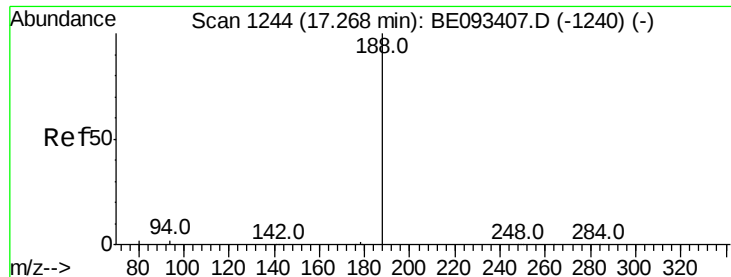
Tot Ion:154 Resp: 16189
Ion Ratio Lower Upper
154 100
153 112.4 91.2 136.8
152 55.0 44.8 67.2



#18
Fluorene
Concen: 0.350 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

Tgt Ion:166 Resp: 20967
Ion Ratio Lower Upper
166 100
165 100.1 78.6 117.8
167 54.1 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampleId :

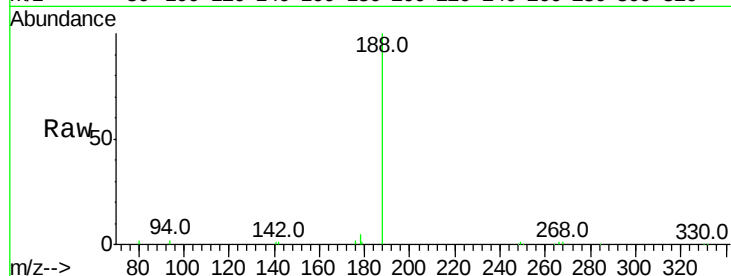
Tot Ion:188 Resp: 28157

Ion Ratio Lower Upper

188 100

94 2.4 11.3 16.9#

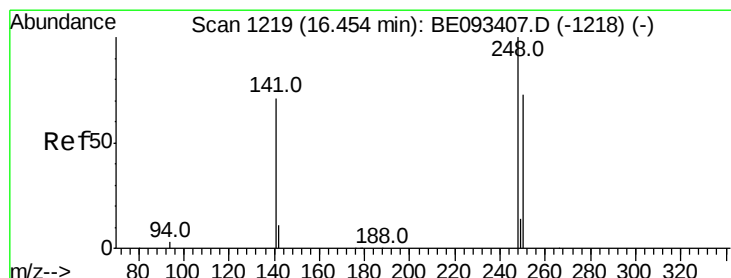
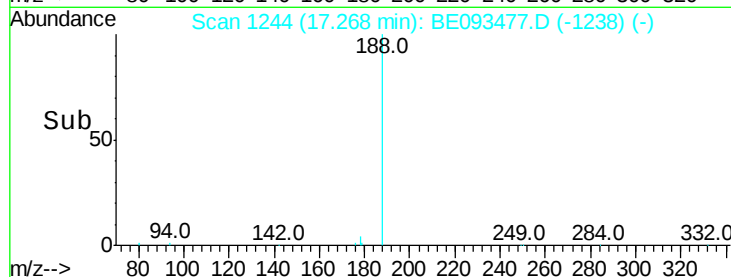
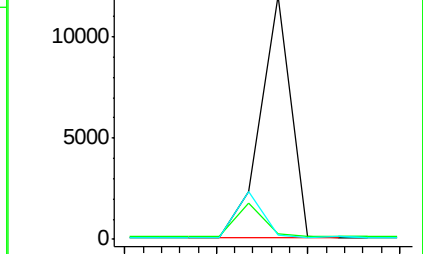
80 2.0 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.572 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

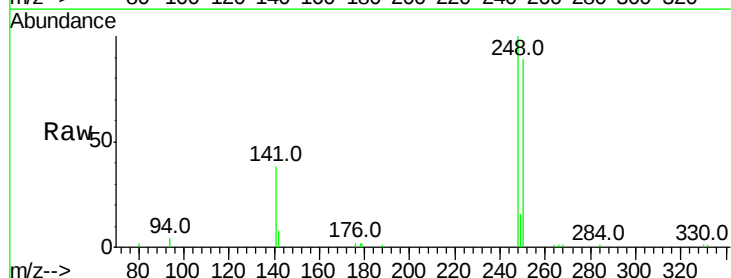
Tgt Ion:248 Resp: 8826

Ion Ratio Lower Upper

248 100

250 88.8 40.8 61.2#

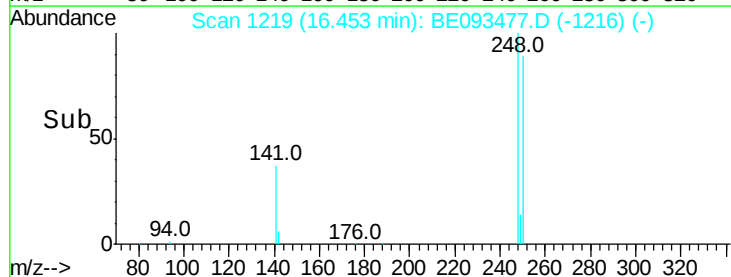
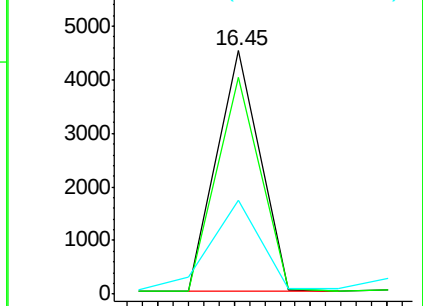
141 38.4 161.6 242.4#

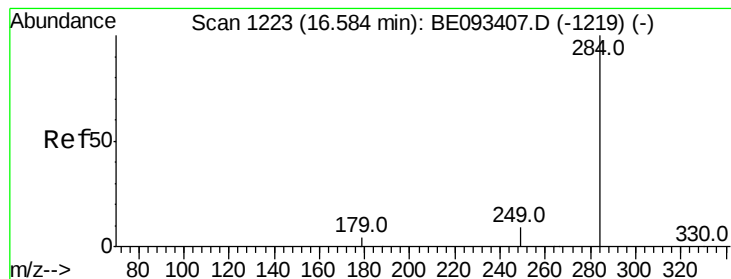


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.490 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampled :

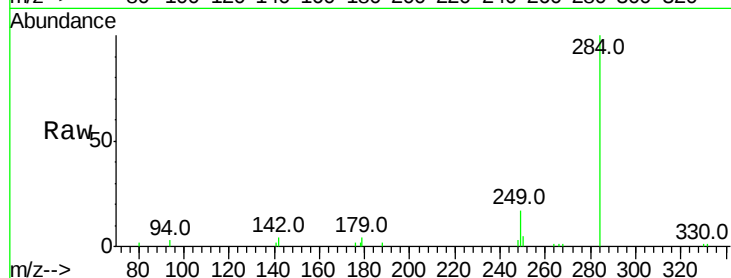
Tot Ion:284 Resp: 8165

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

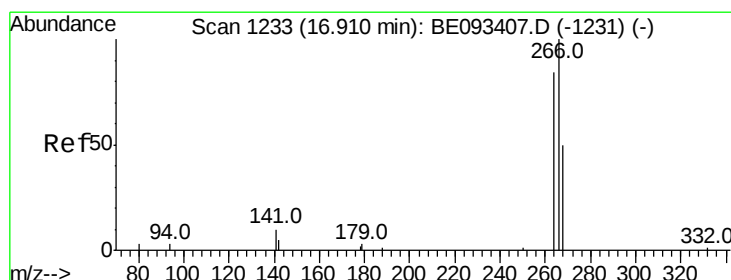
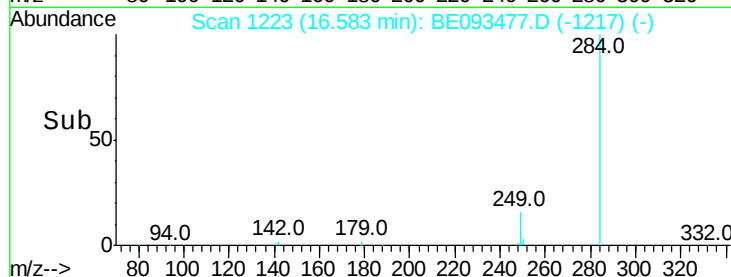
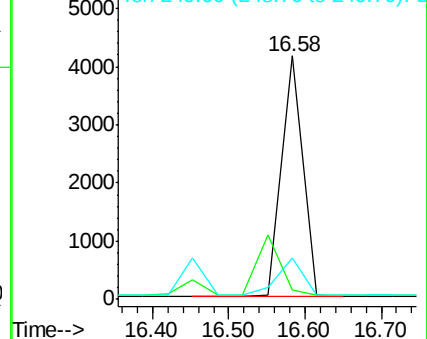
249 19.0 0.0 0.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.587 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

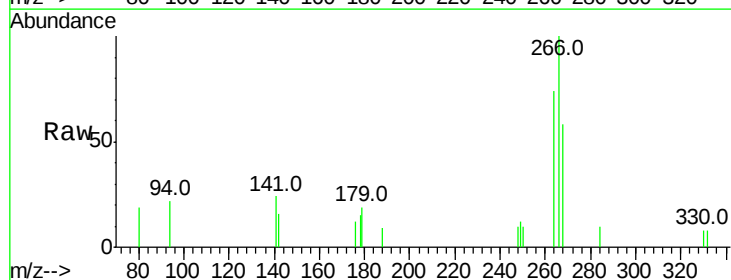
Tgt Ion:266 Resp: 1273

Ion Ratio Lower Upper

266 100

264 74.1 58.2 87.2

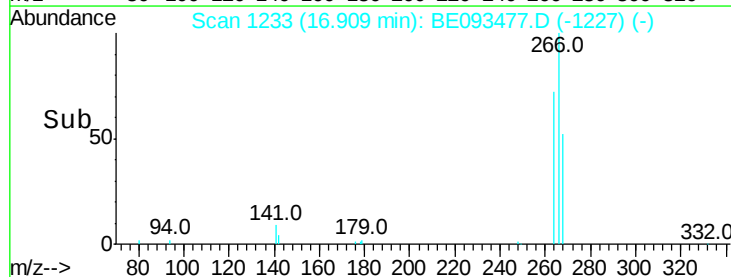
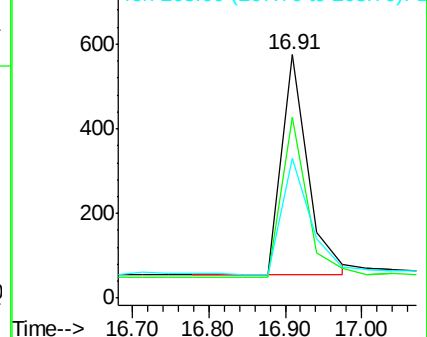
268 57.6 71.9 107.9#

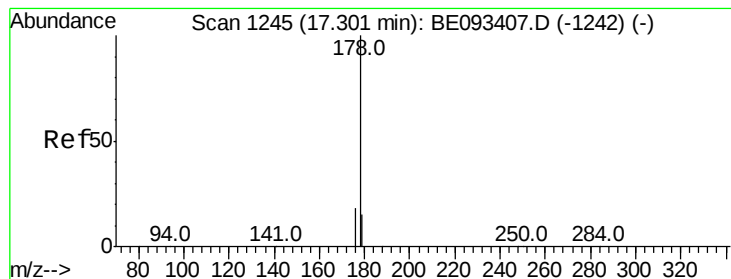


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.420 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampled :

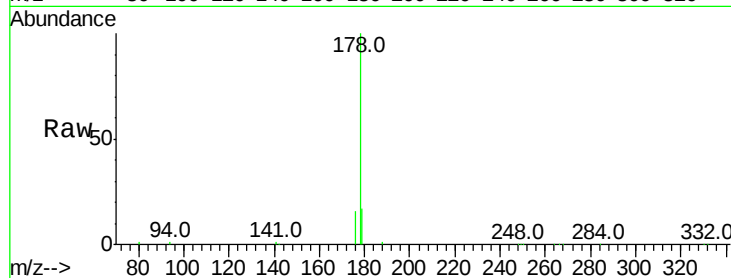
Tot Ion:178 Resp: 42984

Ion Ratio Lower Upper

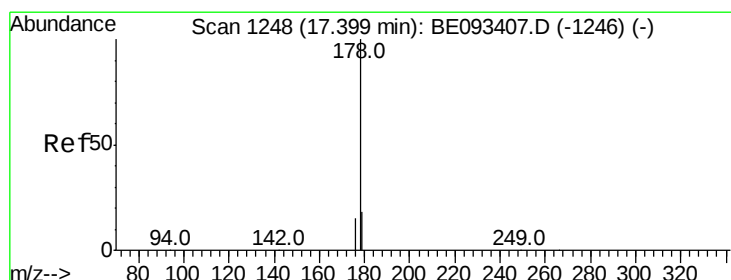
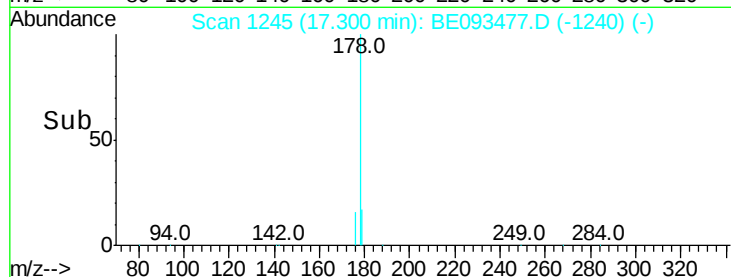
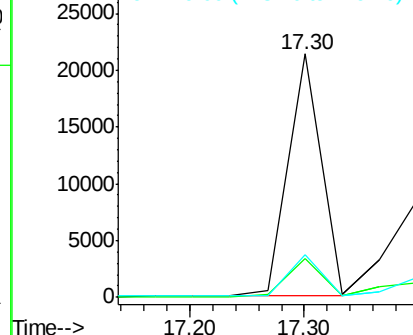
178 100

176 16.3 15.0 22.4

179 16.9 12.7 19.1



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: 0.262 ng

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

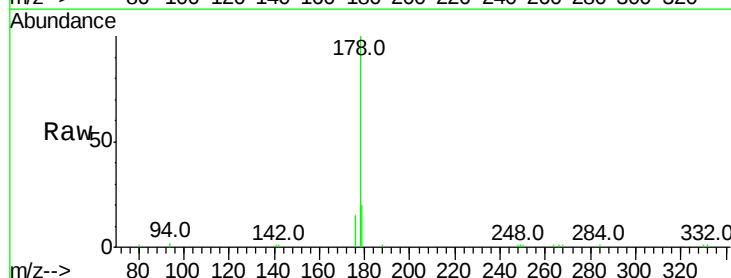
Tgt Ion:178 Resp: 16436

Ion Ratio Lower Upper

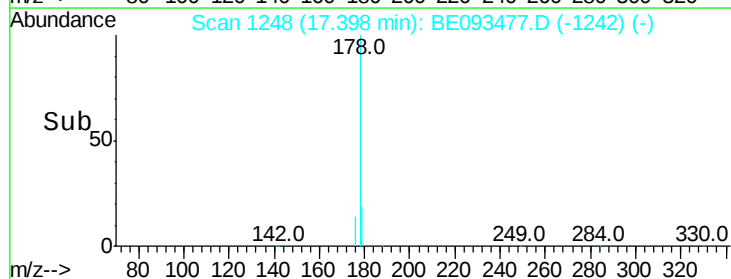
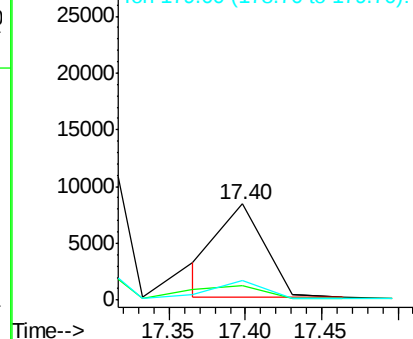
178 100

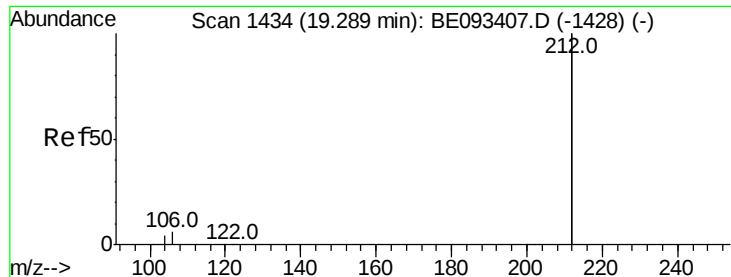
176 0.0 14.6 22.0#

179 19.0 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: 0.455 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampled :

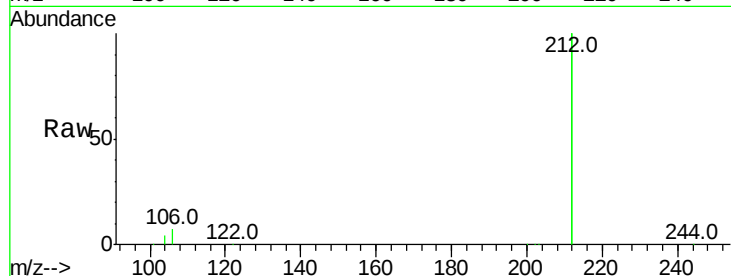
Tot Ion:212 Resp: 154399

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

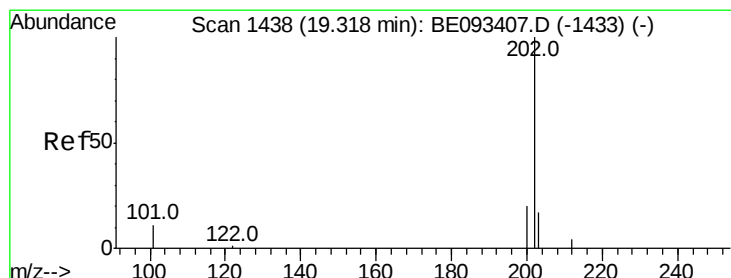
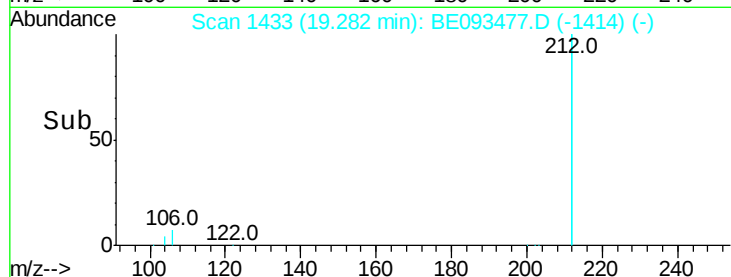
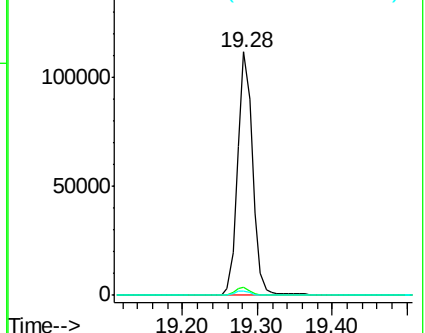
104 1.9 1.6 2.4



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



#26

Fluoranthene

Concen: 0.457 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

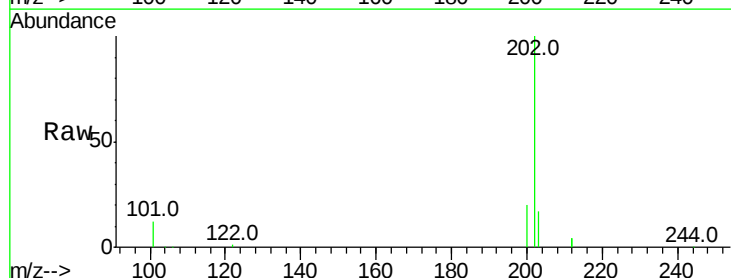
Tgt Ion:202 Resp: 43947

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

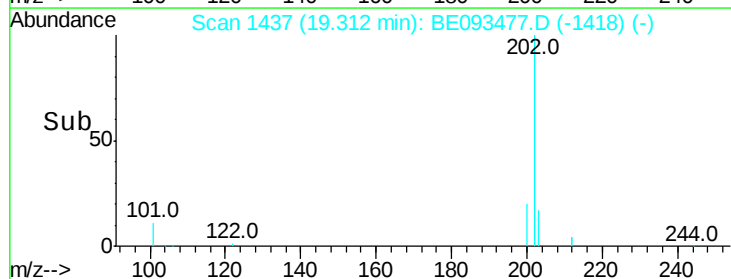
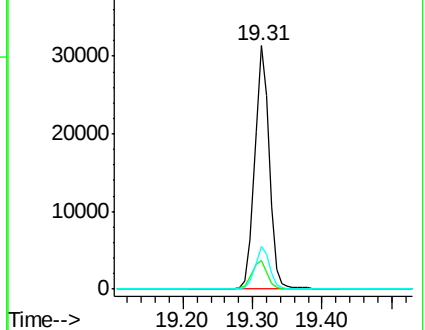
203 17.2 14.4 21.6

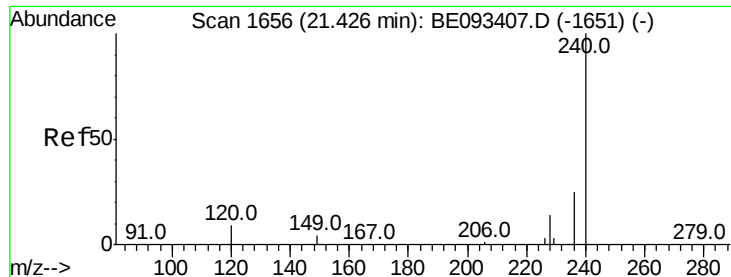


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampleId :

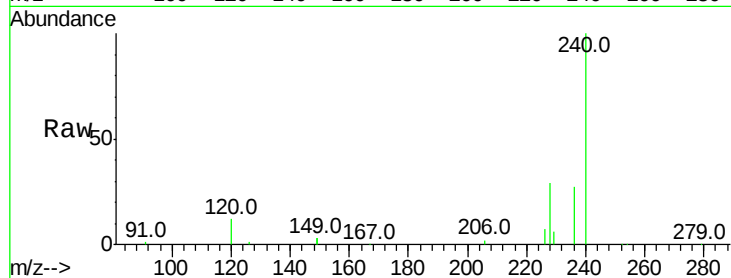
Tot Ion:240 Resp: 41781

Ion Ratio Lower Upper

240 100

120 12.2 4.6 7.0#

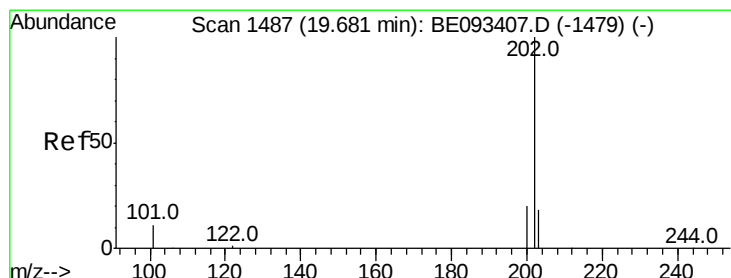
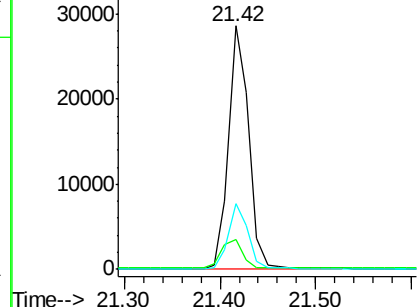
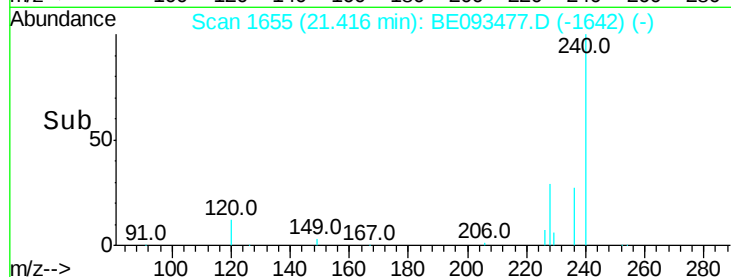
236 26.9 20.8 31.2



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



#28

Pyrene

Concen: 0.378 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

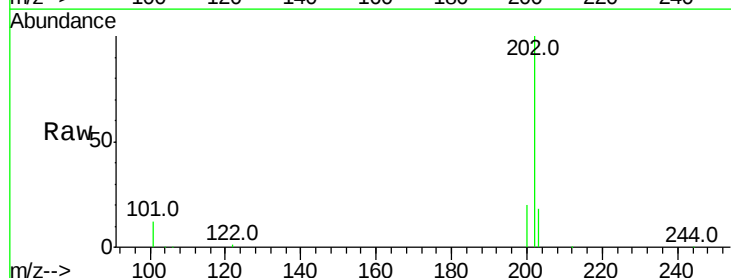
Tgt Ion:202 Resp: 44450

Ion Ratio Lower Upper

202 100

200 20.9 0.0 0.0#

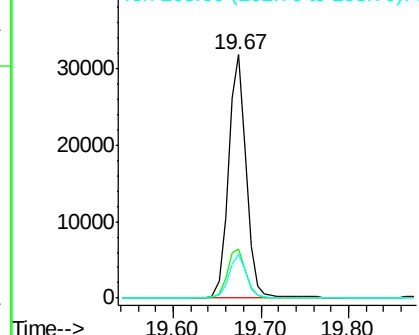
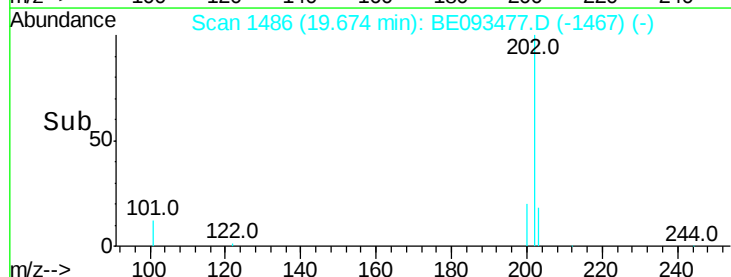
203 17.6 13.7 20.5

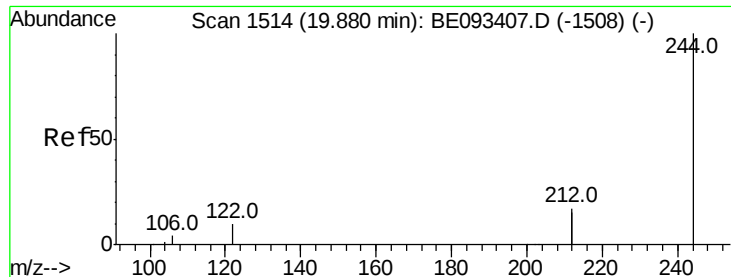


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.375 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

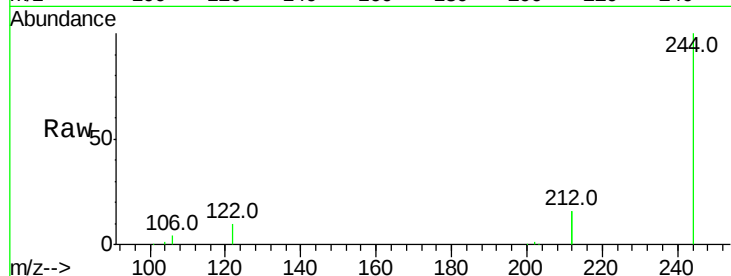
Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampleId :



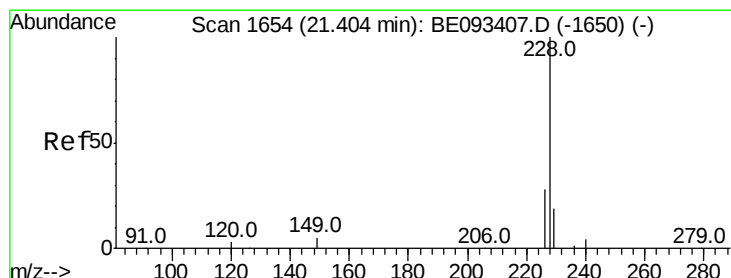
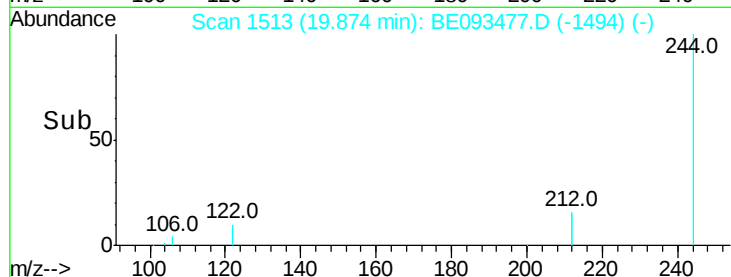
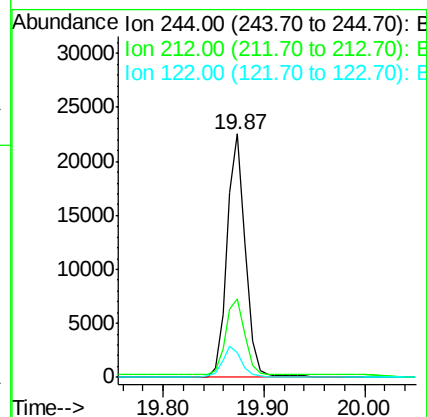
Tot Ion:244 Resp: 27995

Ion Ratio Lower Upper

244 100

212 32.5 10.6 16.0#

122 10.3 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.372 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

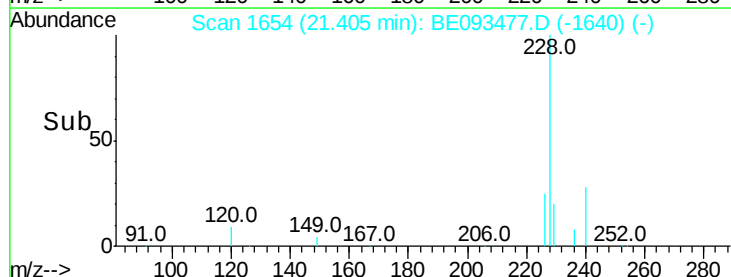
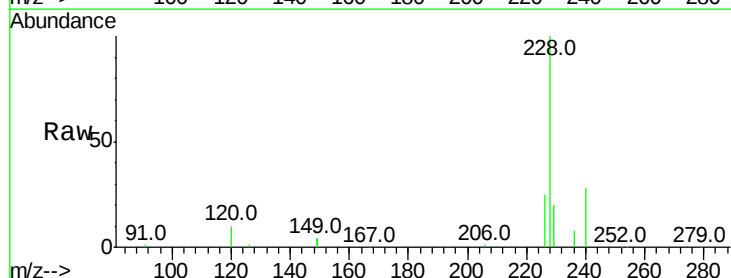
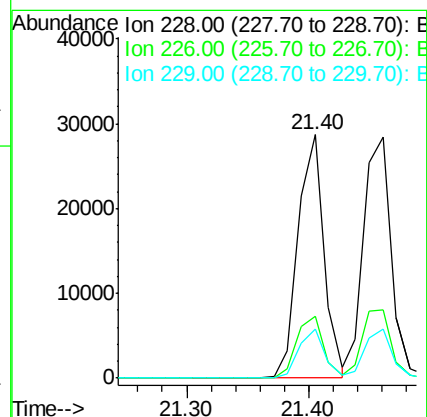
Tgt Ion:228 Resp: 41928

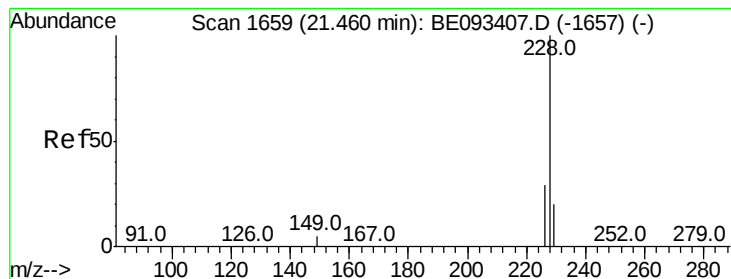
Ion Ratio Lower Upper

228 100

226 25.5 19.7 29.5

229 20.1 19.2 28.8





#31

Chrysene

Concen: 0.381 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

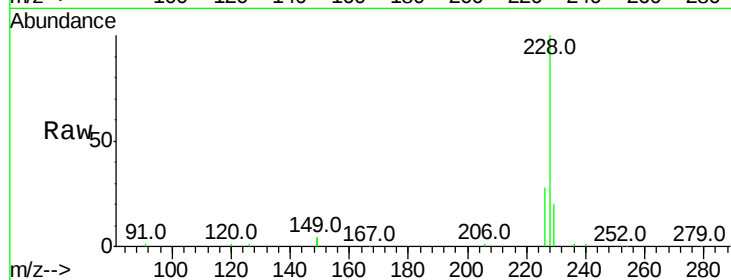
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 45005

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.1	18.6	28.0

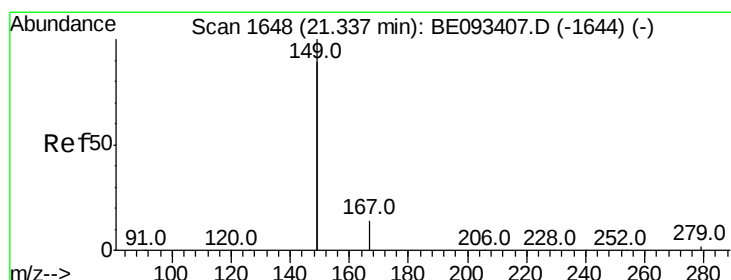
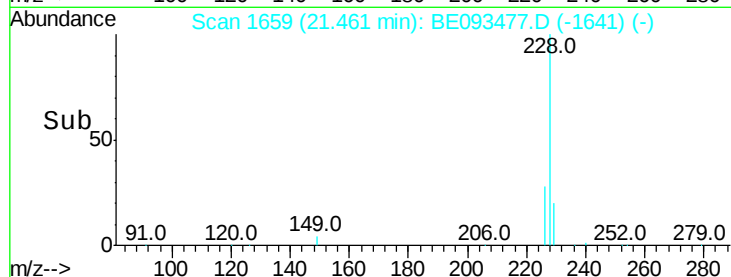
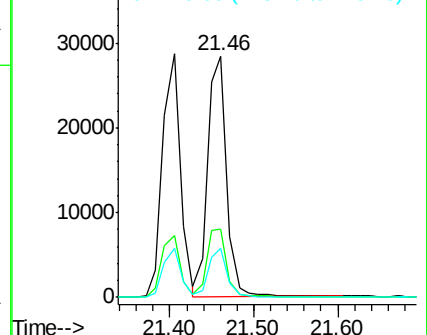


Abundance

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: 0.347 ng

RT: 21.33 min Scan# 1647

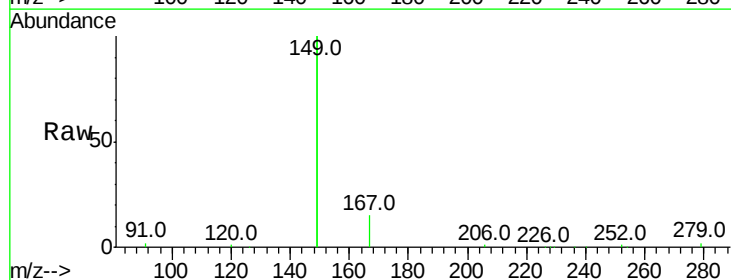
Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Tgt Ion:149 Resp: 56391

Ion	Ratio	Lower	Upper
149	100		
167	6.9	20.1	30.1#
279	0.8	2.2	3.4#

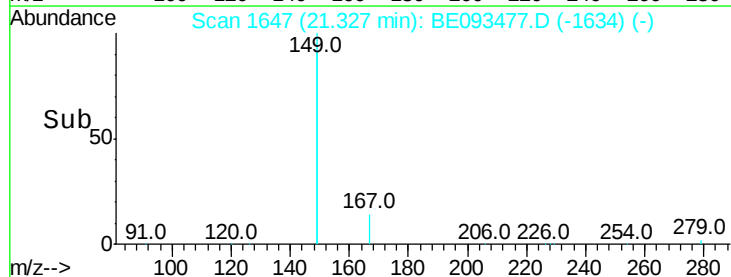
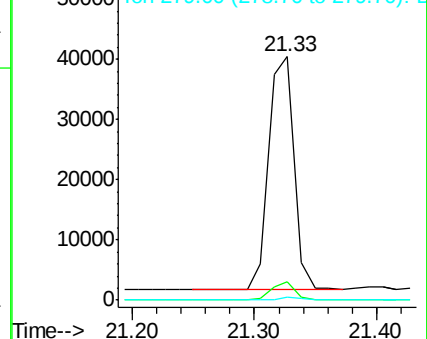


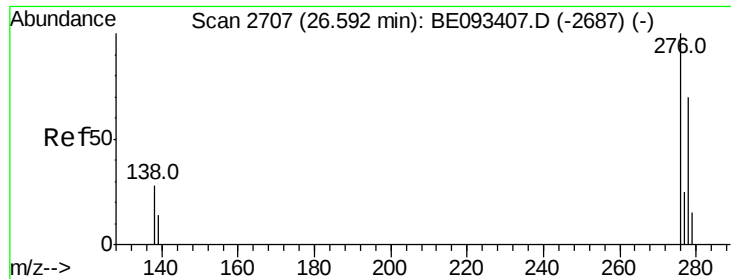
Abundance

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

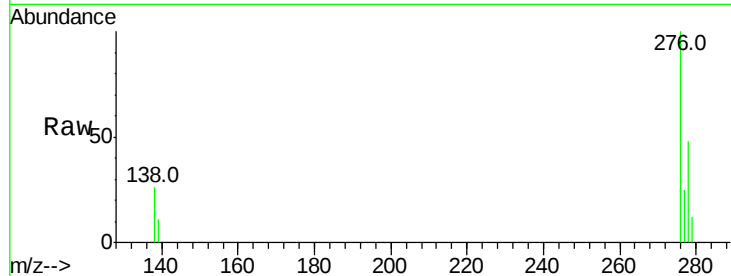




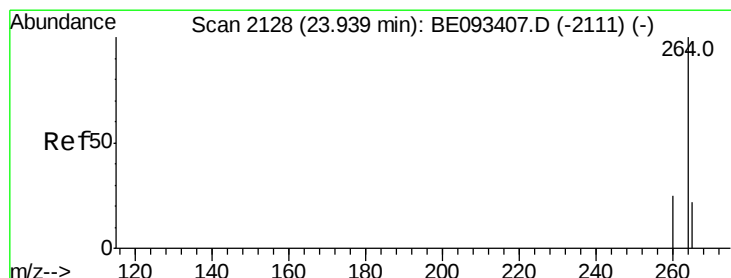
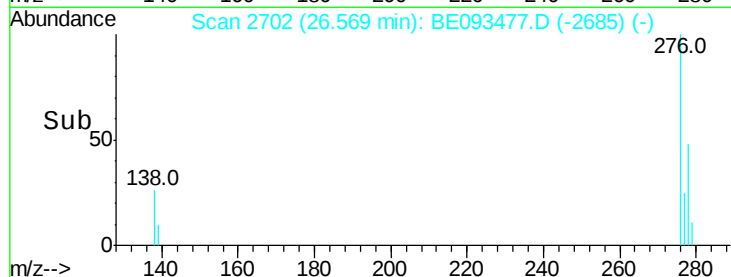
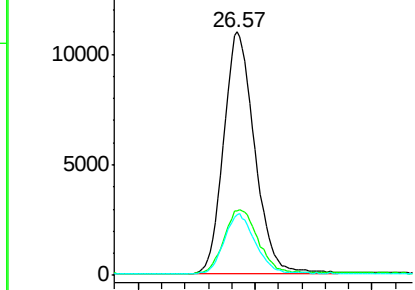
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 26.57 min Scan# 2702
 Delta R.T. -0.02 min
 Lab File: BE093477.D
 Acq: 19 Jul 2017 10:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 40522
 Ion Ratio Lower Upper
 276 100
 138 29.0 27.4 41.2
 277 24.8 20.1 30.1

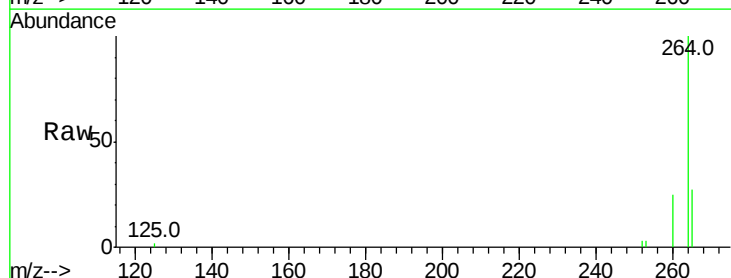


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

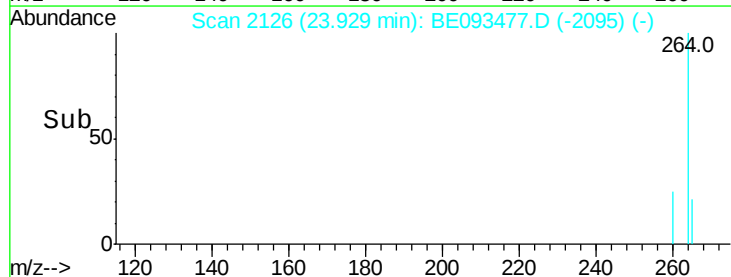
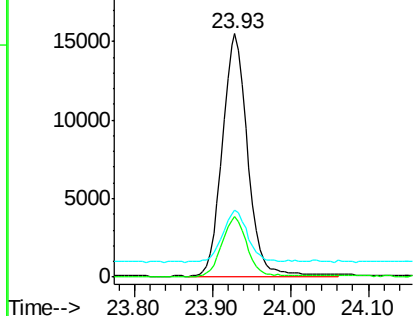


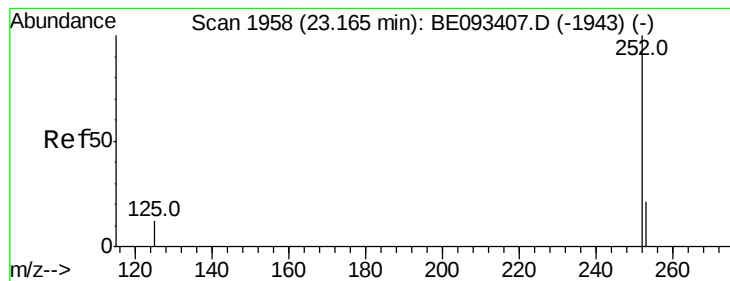
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093477.D
 Acq: 19 Jul 2017 10:21

Tgt Ion:264 Resp: 34744
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.0 31.4
 265 27.5 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





#35

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 23.15 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampleId :

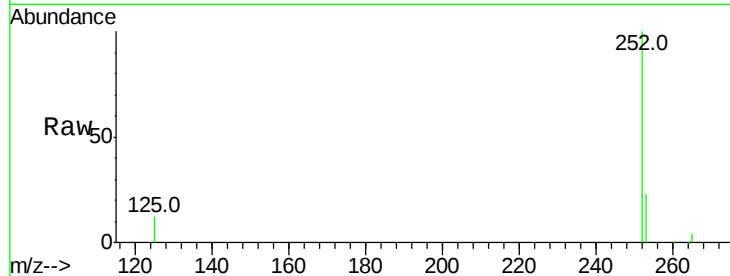
Tot Ion:252 Resp: 41583

Ion Ratio Lower Upper

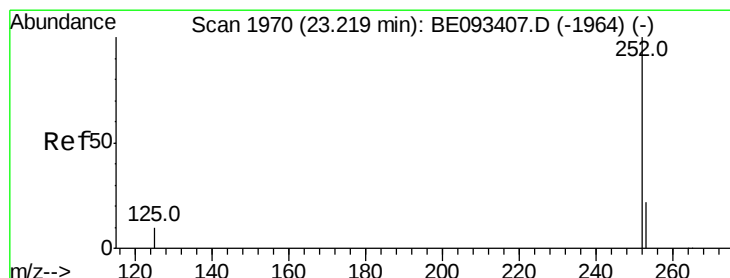
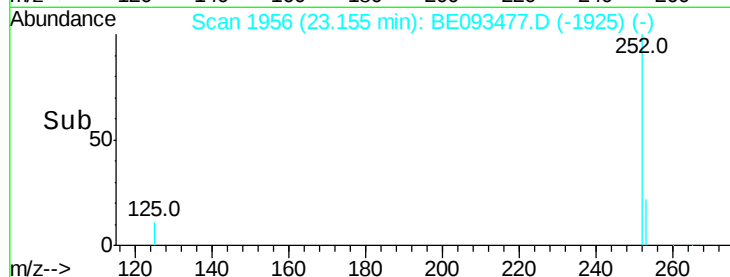
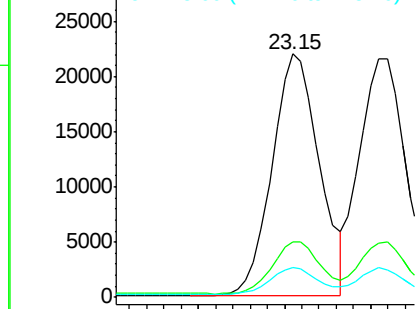
252 100

253 23.0 18.5 27.7

125 12.4 13.4 20.0#



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: 0.367 ng

RT: 23.20 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

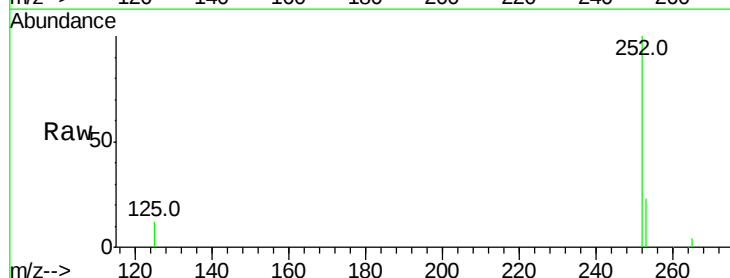
Tgt Ion:252 Resp: 40749

Ion Ratio Lower Upper

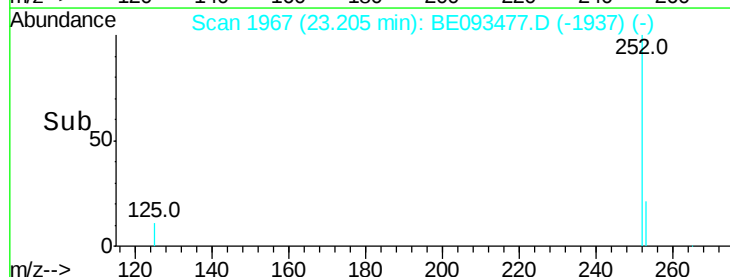
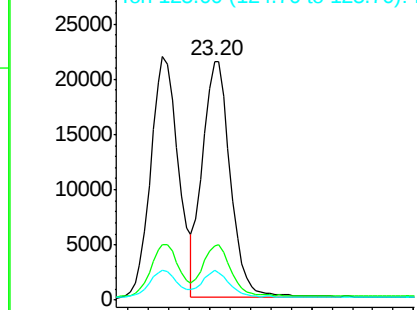
252 100

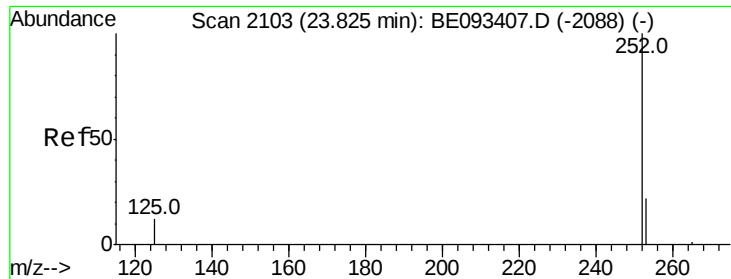
253 22.6 20.3 30.5

125 12.3 12.2 18.4



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

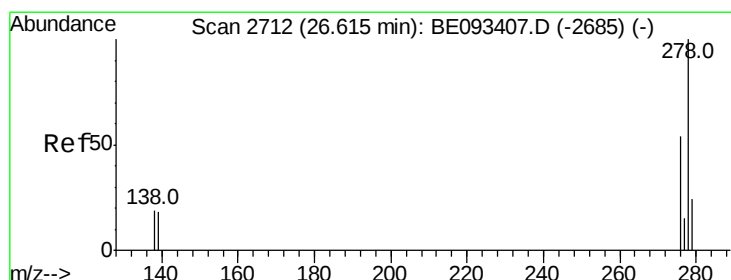
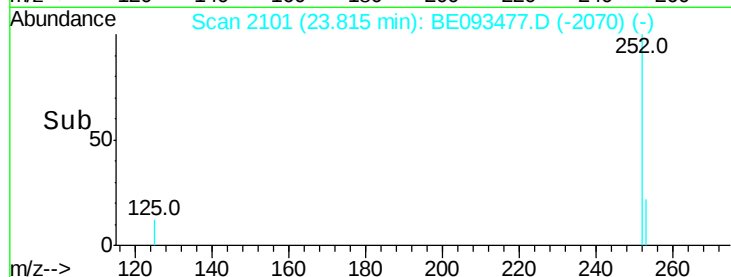
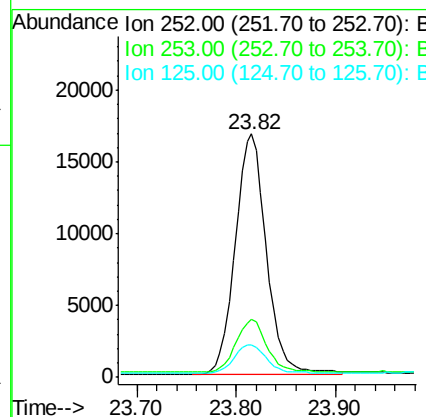
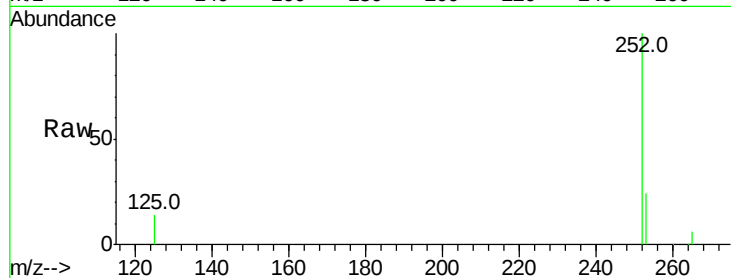




#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

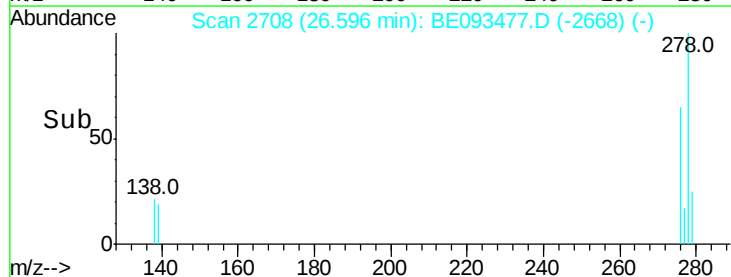
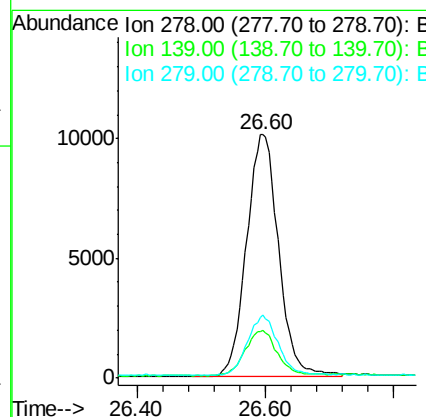
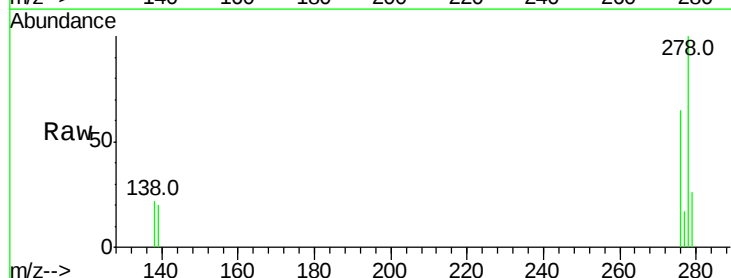
Instrument :
BNA_E
ClientSampleId :

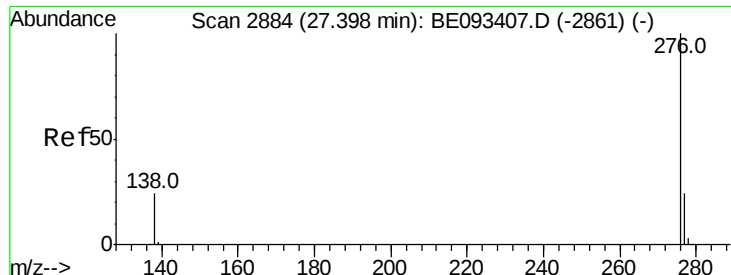
Tot Ion:252 Resp: 36669
Ion Ratio Lower Upper
252 100
253 23.8 19.9 29.9
125 13.6 14.6 21.8#



#38
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.60 min Scan# 2708
Delta R.T. -0.02 min
Lab File: BE093477.D
Acq: 19 Jul 2017 10:21

Tgt Ion:278 Resp: 35213
Ion Ratio Lower Upper
278 100
139 19.7 21.4 32.0#
279 25.9 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.381 ng

RT: 27.38 min Scan# 2880

Delta R.T. -0.02 min

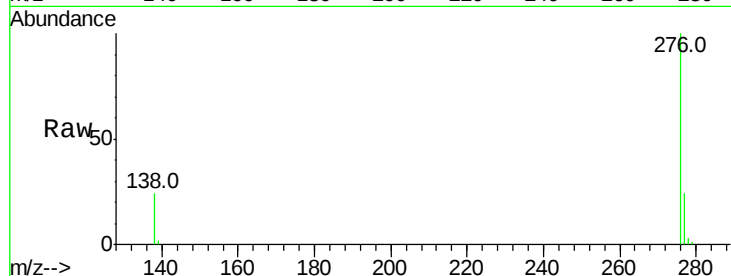
Lab File: BE093477.D

Acq: 19 Jul 2017 10:21

Instrument :

BNA_E

ClientSampleId :



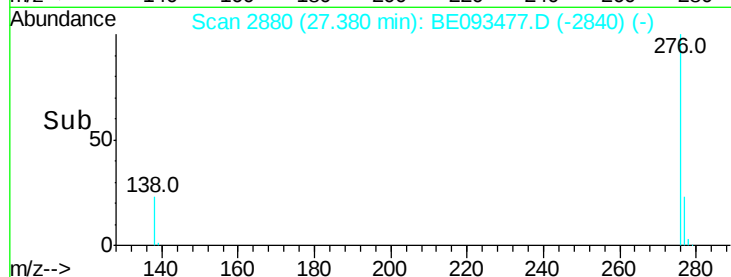
Tot Ion:276 Resp: 36716

Ion Ratio Lower Upper

276 100

277 23.9 21.2 31.8

138 23.6 24.5 36.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

