

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
 Data File : BE092443.D
 Acq On : 7 Oct 2016 11:53
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 07 23:06:54 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8814	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	42942	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	32546	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	64524	5.00	ng	0.02
24) Chrysene-d12	21.75	240	82294	5.00	ng	0.00
31) Perylene-d12	24.11	264	69190	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	582	0.39	ng	0.00
5) Phenol-d6	7.36	99	705	0.32	ng	0.00
8) Nitrobenzene-d5	9.36	82	838	0.41	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	263	0.38	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	3158	0.41	ng	0.00
26) Terphenyl-d14	20.19	244	4114	0.40	ng	0.02

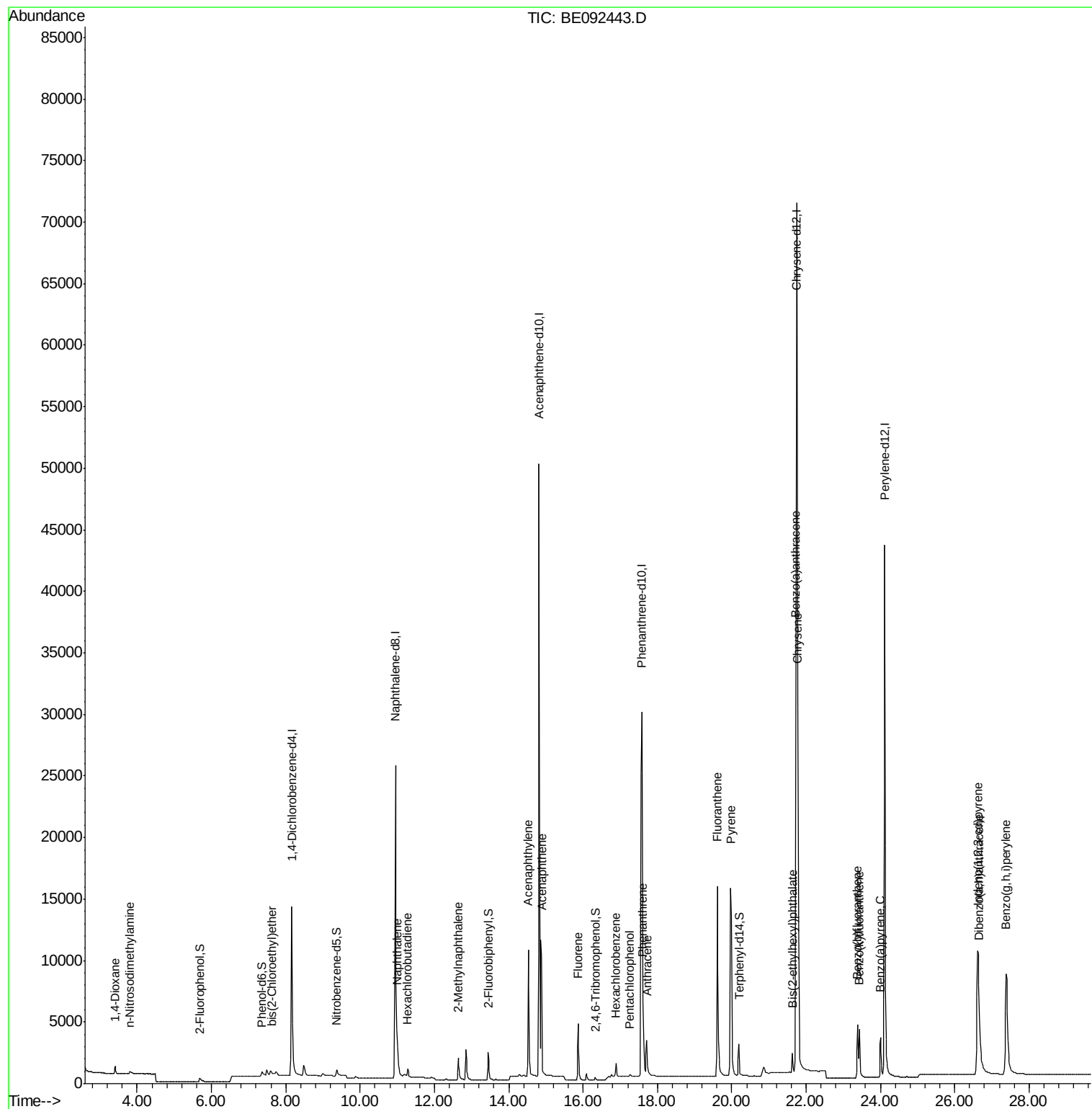
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	466	0.39	ng	99
3) n-Nitrosodimethylamine	3.80	42	355	0.44	ng	# 98
6) bis(2-Chloroethyl)ether	7.61	93	604	0.35	ng	# 25
9) Naphthalene	10.99	128	3697	0.40	ng	96
10) Hexachlorobutadiene	11.28	225	579	0.40	ng	99
11) 2-Methylnaphthalene	12.65	142	2399	0.39	ng	93
15) Acenaphthylene	14.53	152	17961	0.38	ng	100
16) Acenaphthene	14.88	154	2956	0.40	ng	97
17) Fluorene	15.87	166	3598	0.38	ng	100
19) Hexachlorobenzene	16.89	284	1183	0.43	ng	# 65
20) Pentachlorophenol	17.26	266	278	0.45	ng	97
21) Phenanthrene	17.60	178	6411	0.43	ng	96
22) Anthracene	17.72	178	5434	0.38	ng	99
23) Fluoranthene	19.61	202	26438	0.38	ng	99
25) Pyrene	19.97	202	28037	0.39	ng	100
27) Benzo(a)anthracene	21.72	228	29464m	0.37	ng	
28) Chrysene	21.77	228	31952m	0.44	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	2141	0.31	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.62	276	26455	0.34	ng	98
32) Benzo(b)fluoranthene	23.38	252	6248	0.37	ng	99
33) Benzo(k)fluoranthene	23.43	252	6811	0.39	ng	97
34) Benzo(a)pyrene	24.01	252	5963	0.36	ng	97
35) Dibenzo(a,h)anthracene	26.65	278	5292	0.35	ng	97
36) Benzo(g,h,i)perylene	27.38	276	24004	0.37	ng	98

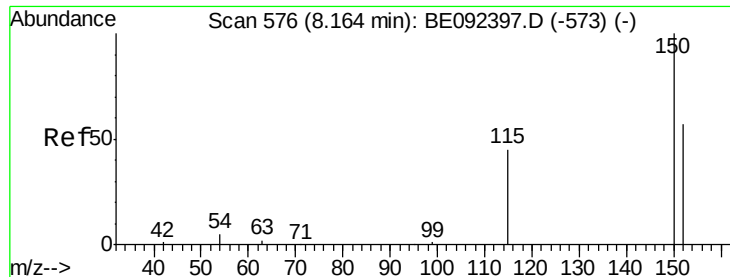
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

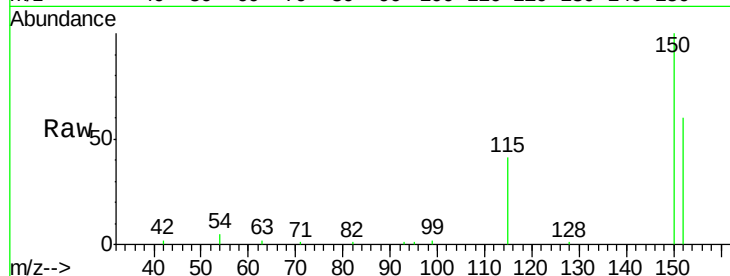
Tot Ion:152 Resp: 8814

Ion Ratio Lower Upper

152 100

150 165.3 106.0 159.0#

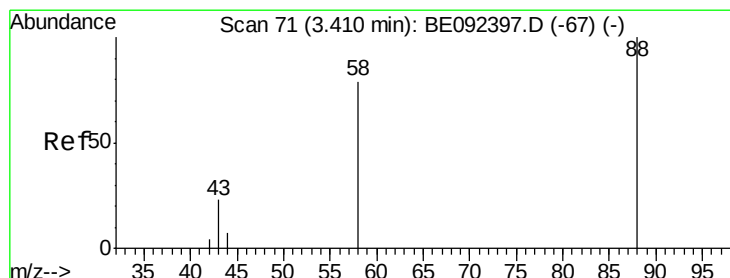
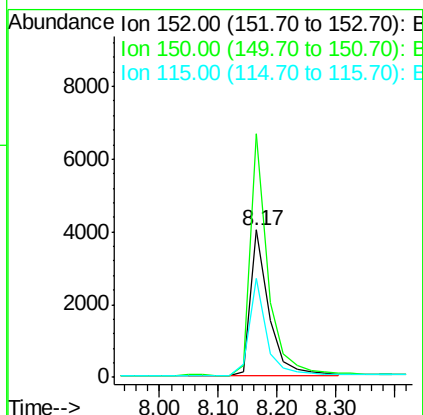
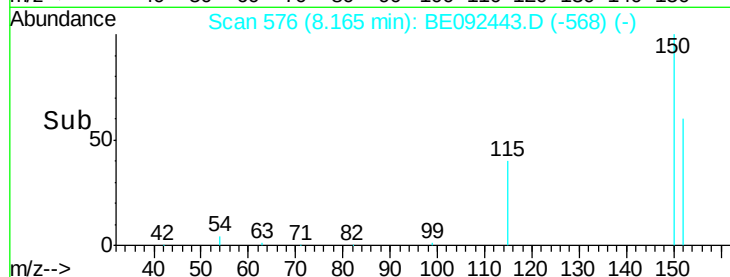
115 67.4 31.2 46.8#



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: 0.39 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

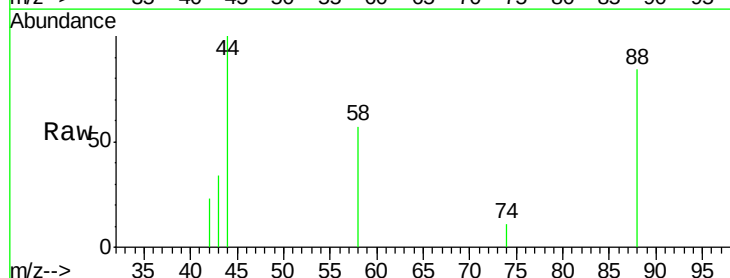
Tgt Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

58 79.4 63.6 95.4

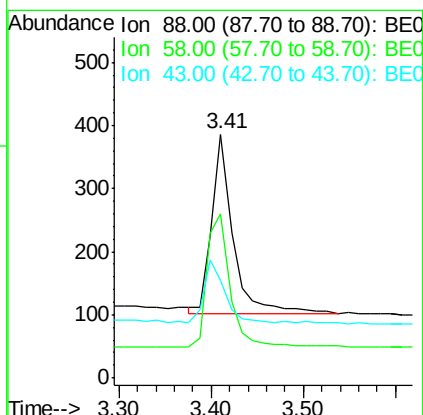
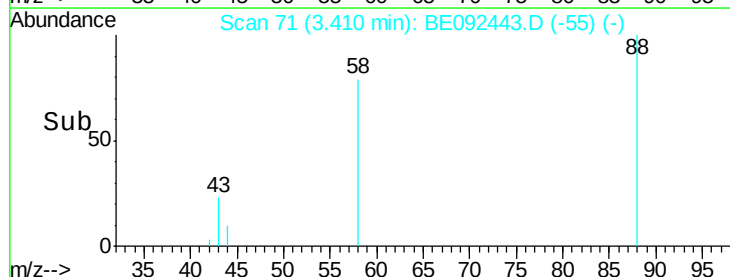
43 33.5 28.0 42.0

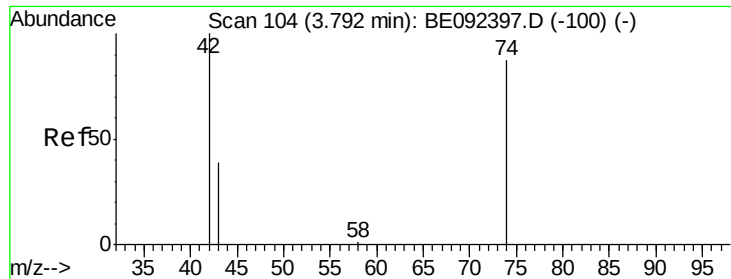


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

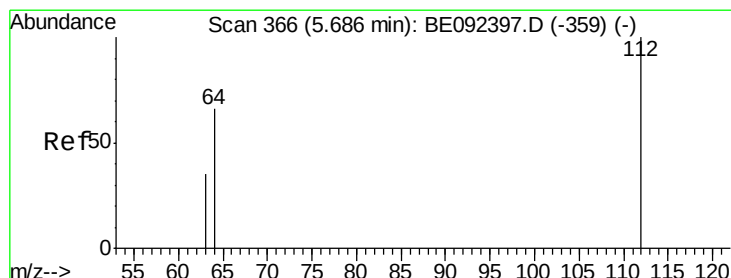
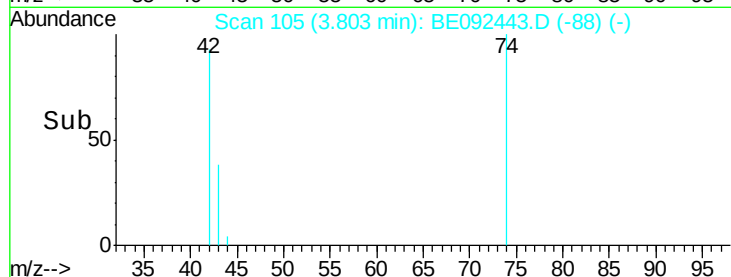
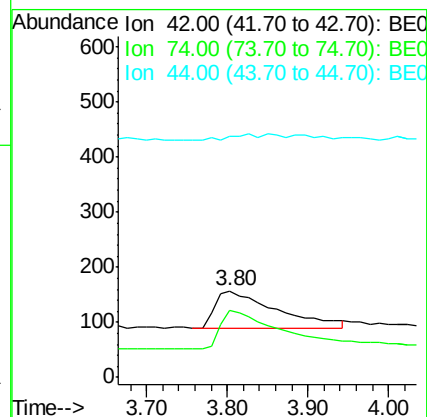
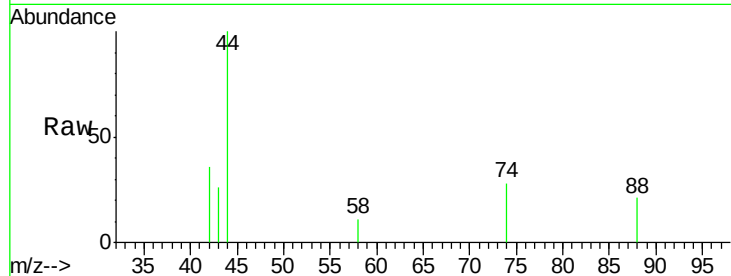
Tot Ion: 42 Resp: 355

Ion Ratio Lower Upper

42 100

74 105.9 86.0 129.0

44 0.0 5.1 7.7#



#4

2-Fluorophenol

Concen: 0.39 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

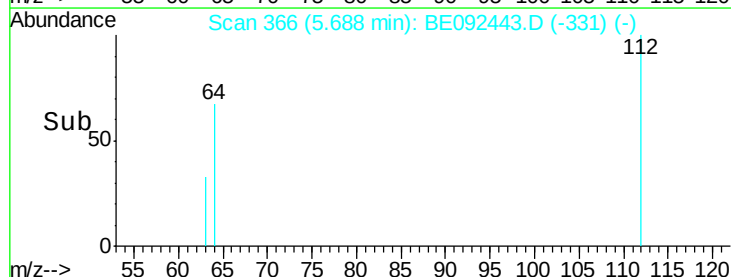
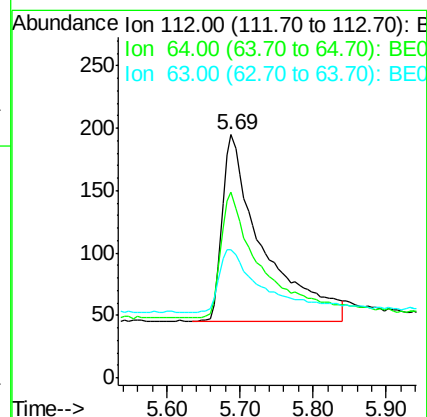
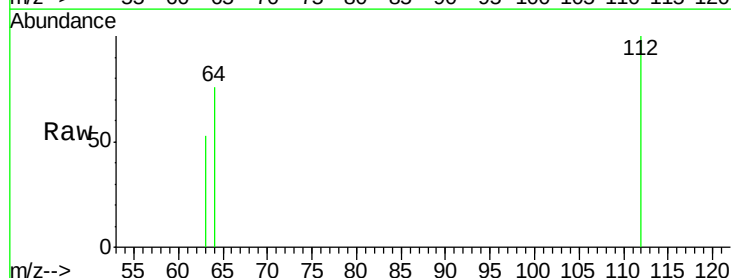
Tgt Ion: 112 Resp: 582

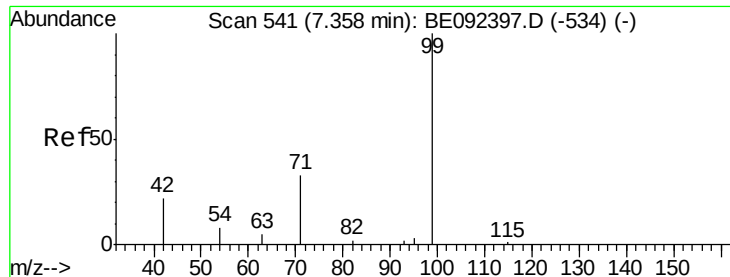
Ion Ratio Lower Upper

112 100

64 67.2 53.5 80.3

63 34.0 27.9 41.9





#5

Phenol-d6

Concen: 0.32 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

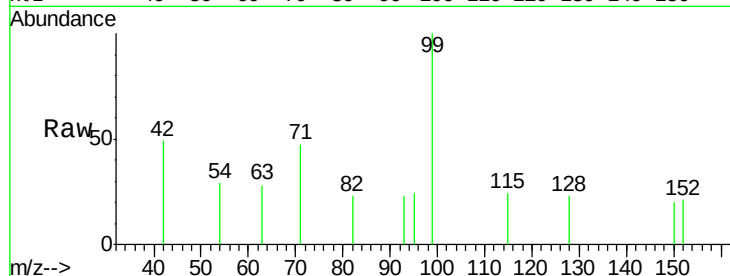
Tot Ion: 99 Resp: 705

Ion Ratio Lower Upper

99 100

42 26.2 16.0 24.0#

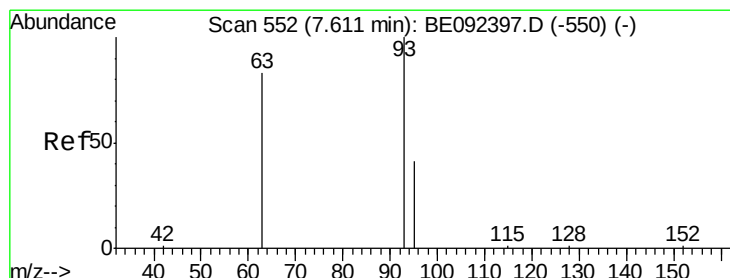
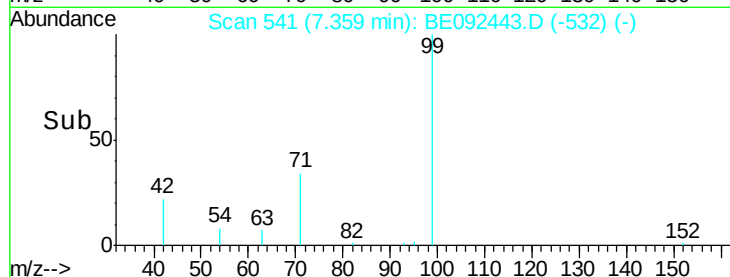
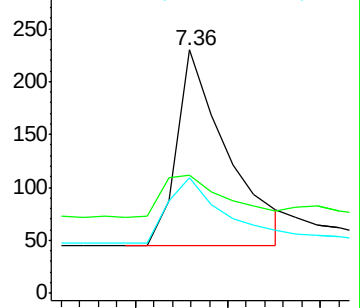
71 38.4 30.6 45.8



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: 0.35 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

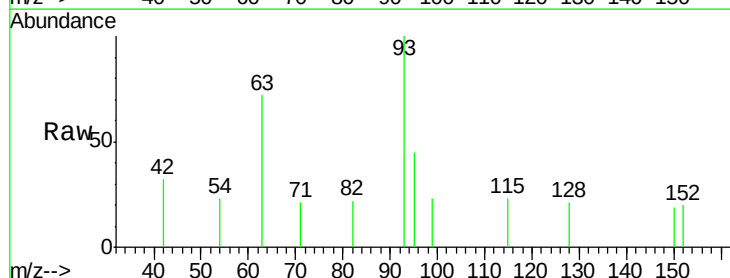
Tgt Ion: 93 Resp: 604

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

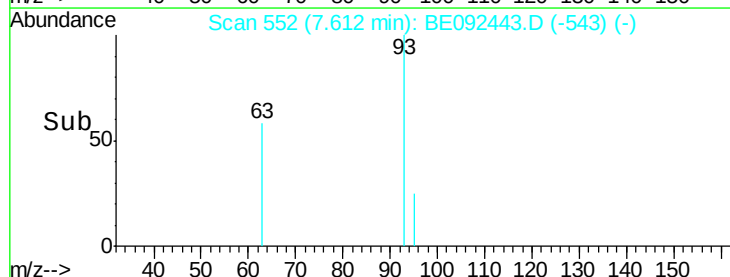
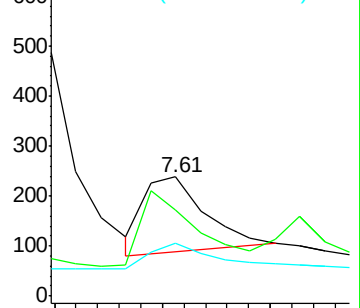
95 37.6 24.0 36.0#

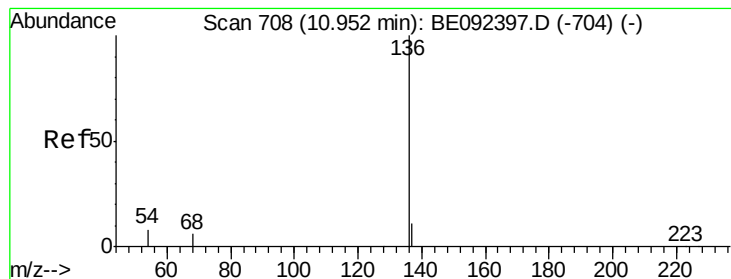


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 42942

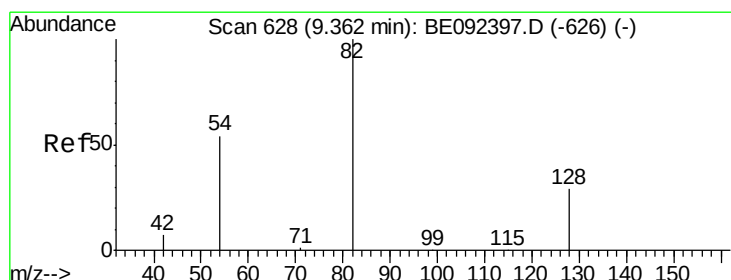
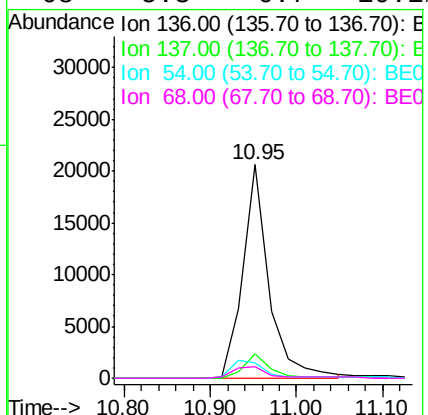
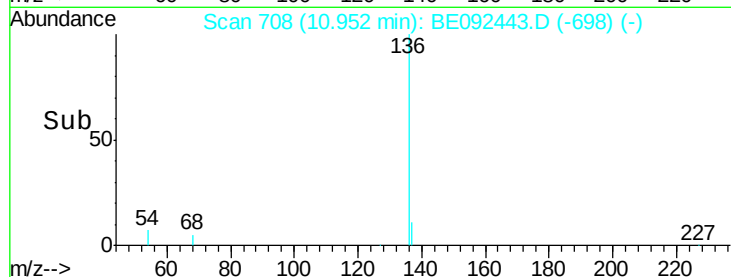
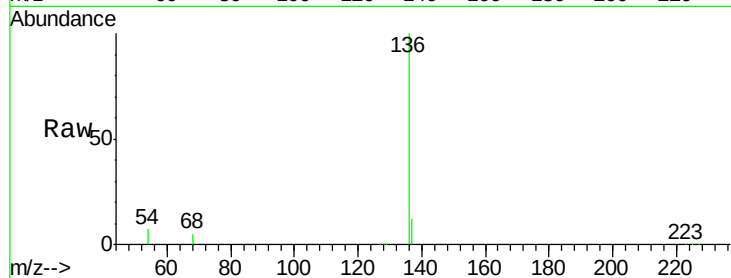
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 7.1 9.6 14.4#

68 5.3 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 0.41 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

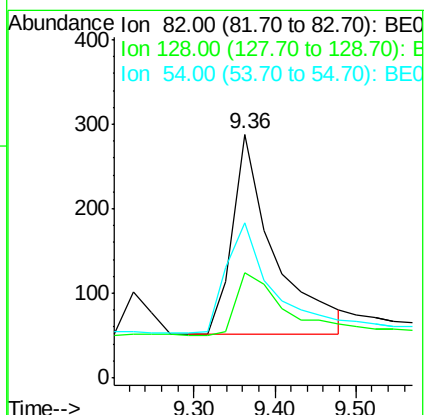
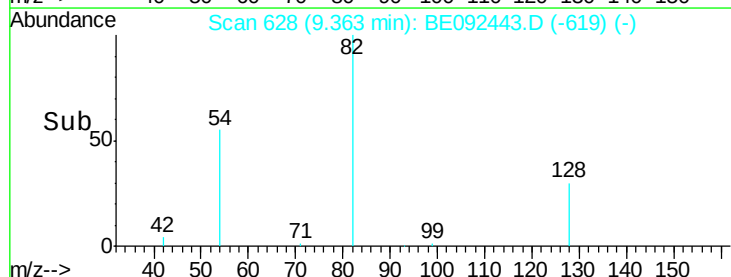
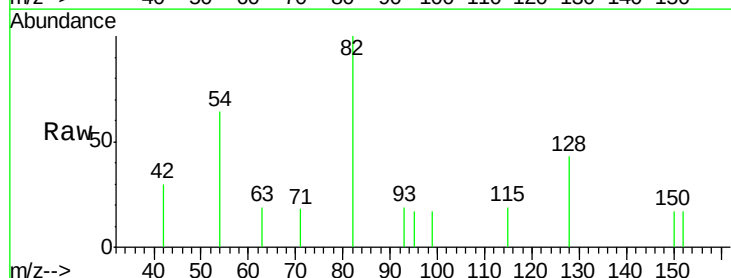
Tgt Ion: 82 Resp: 838

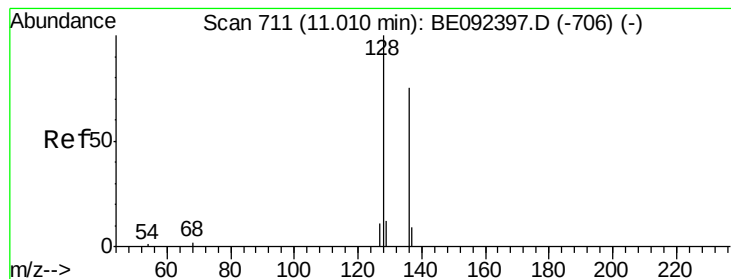
Ion Ratio Lower Upper

82 100

128 43.1 39.0 58.4

54 63.5 44.8 67.2





#9

Naphthalene

Concen: 0.40 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

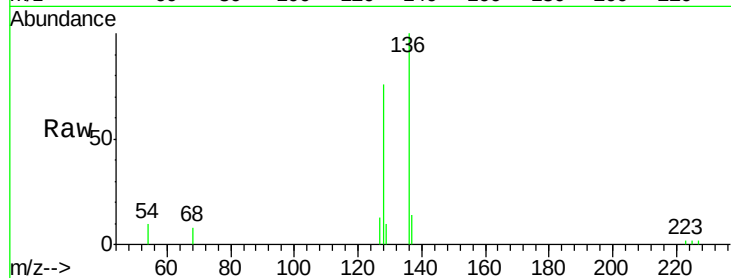
Tot Ion:128 Resp: 3697

Ion Ratio Lower Upper

128 100

129 13.3 11.2 16.8

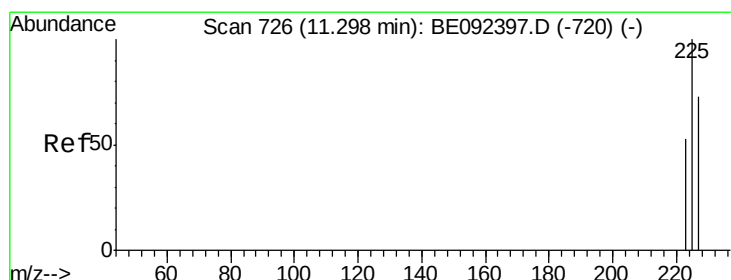
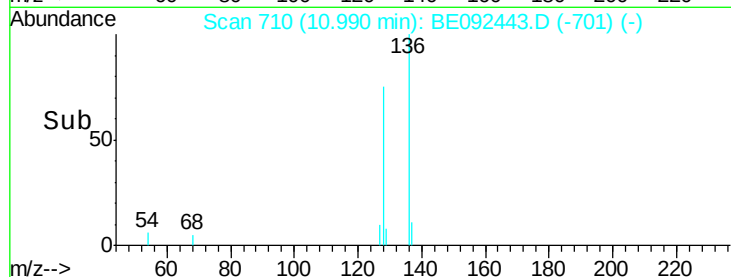
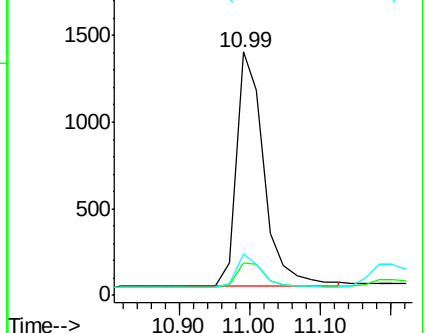
127 16.8 11.6 17.4



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: 0.40 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

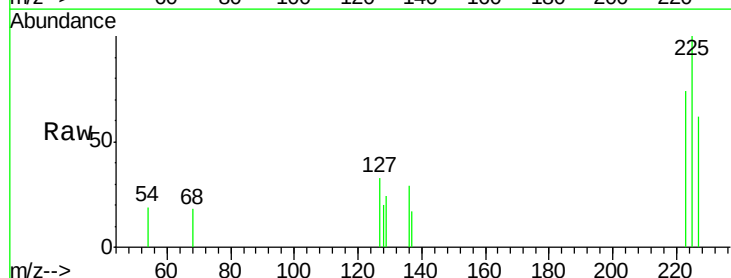
Tgt Ion:225 Resp: 579

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

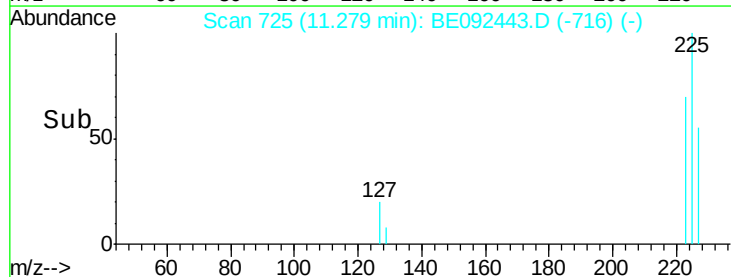
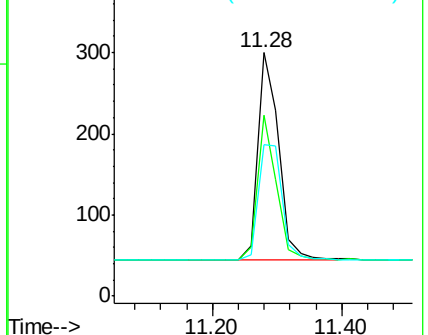
227 64.1 51.4 77.0

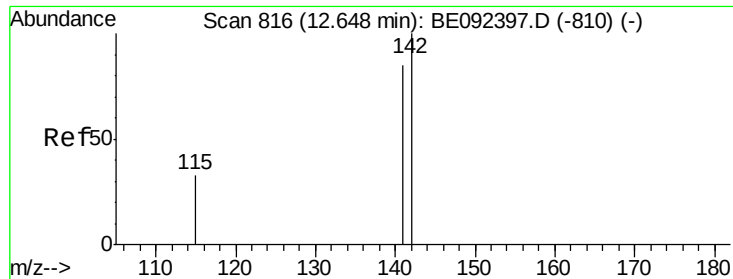


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

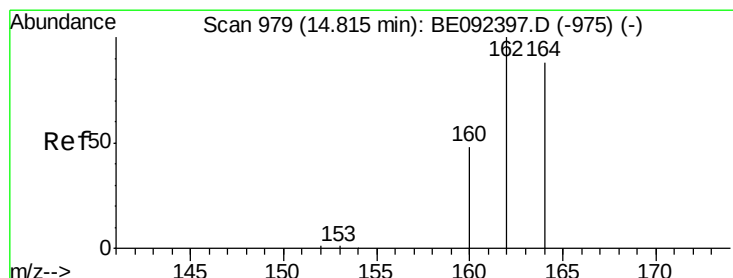
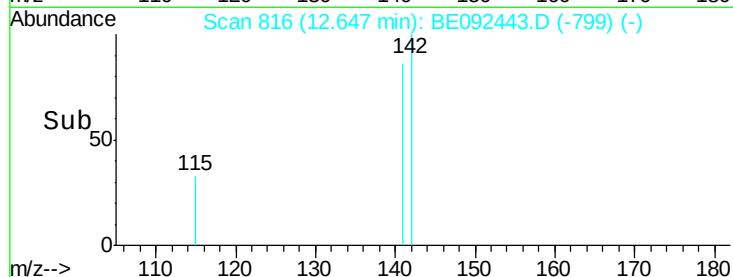
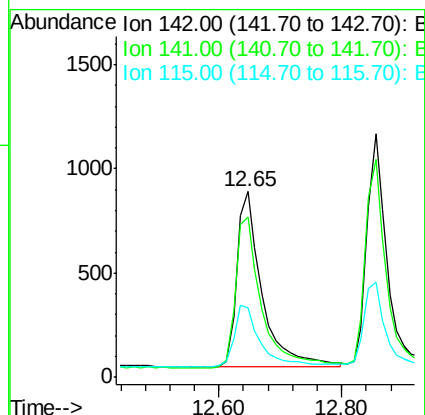
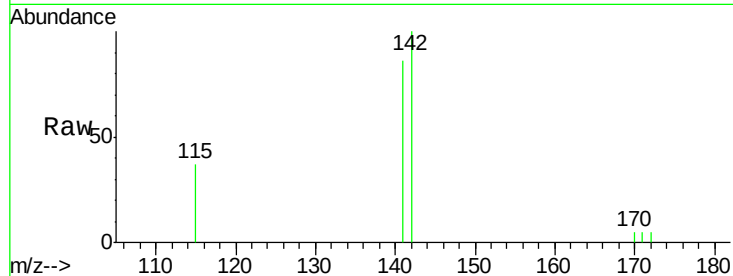




#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

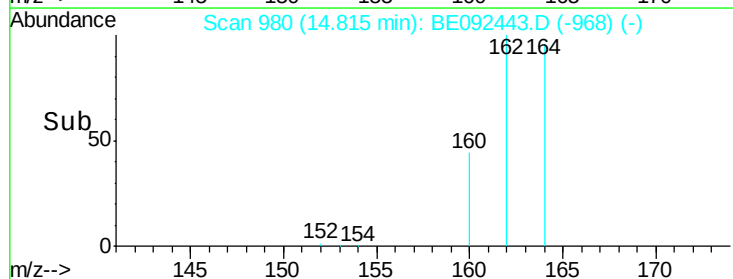
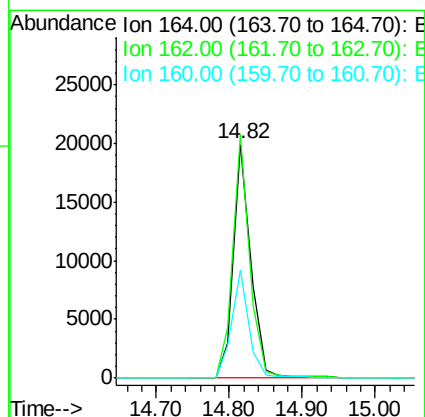
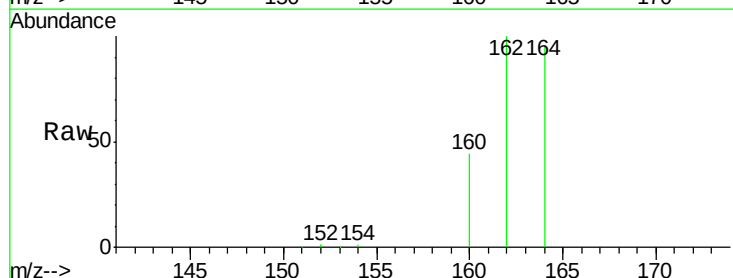
Instrument :
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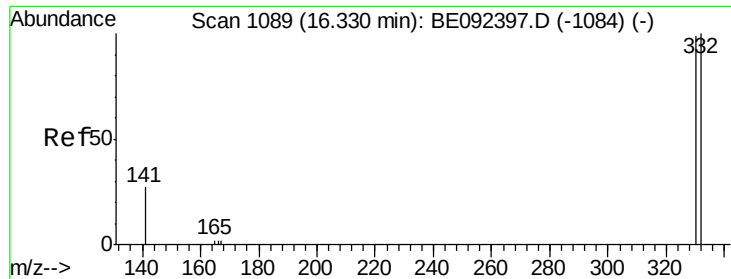
Tot Ion:142 Resp: 2399
Ion Ratio Lower Upper
142 100
141 86.3 73.7 110.5
115 37.2 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:164 Resp: 32546
Ion Ratio Lower Upper
164 100
162 104.3 71.4 107.0
160 46.1 27.4 41.2#

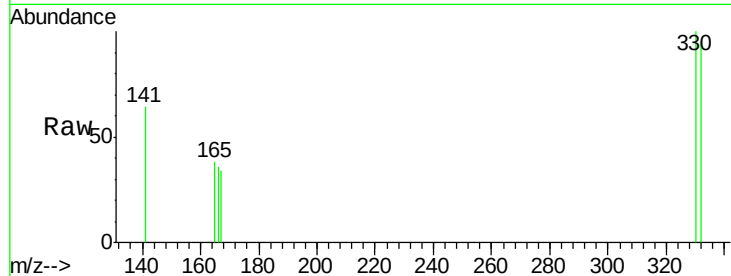




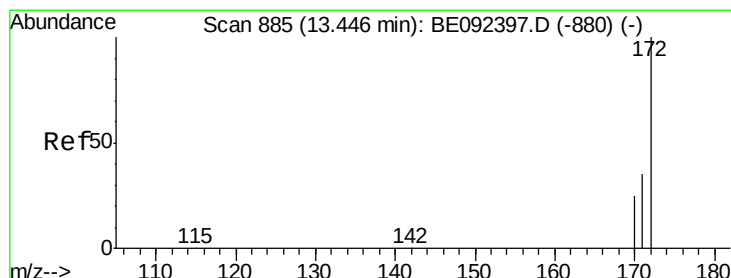
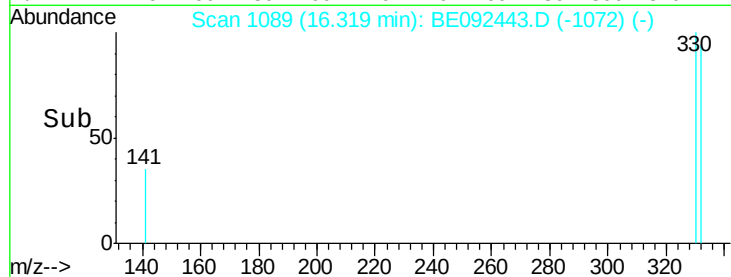
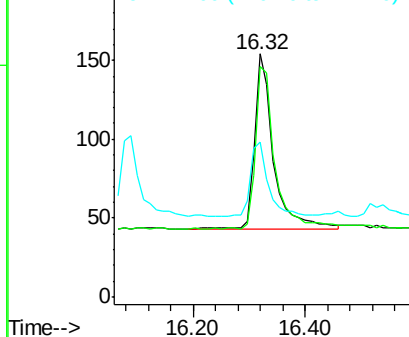
#13
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:330 Resp: 263
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 40.3 31.0 46.6

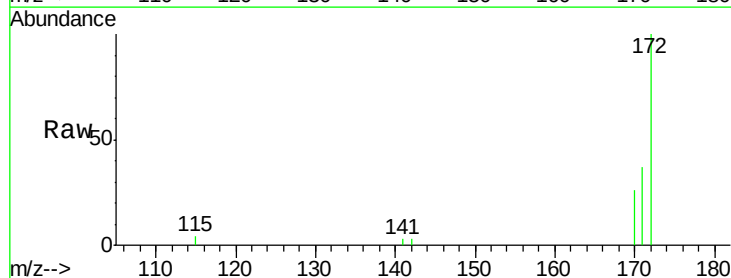


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

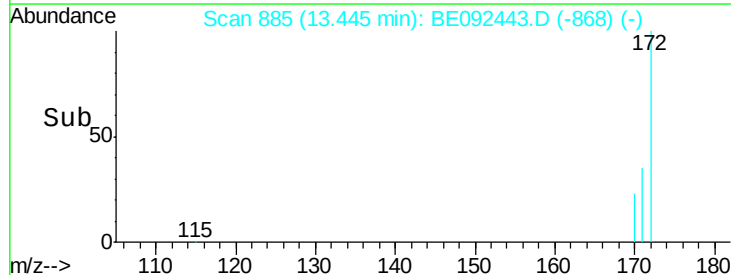
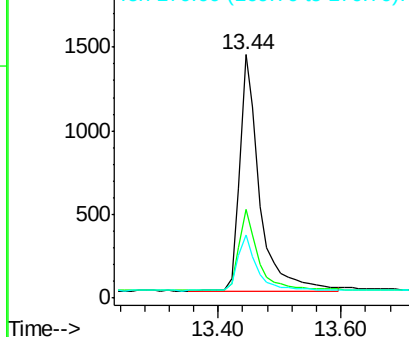


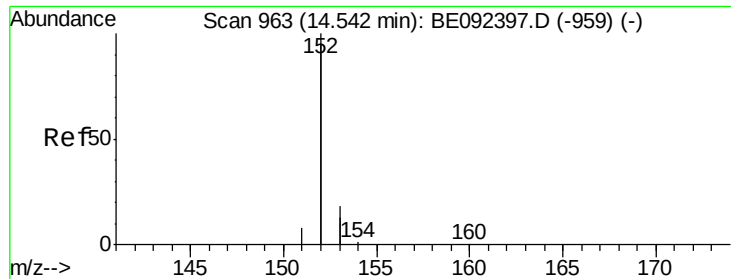
#14
 2-Fluorobiphenyl
 Concen: 0.41 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

Tgt Ion:172 Resp: 3158
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 25.8 21.8 32.6



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





#15

Acenaphthylene

Concen: 0.38 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

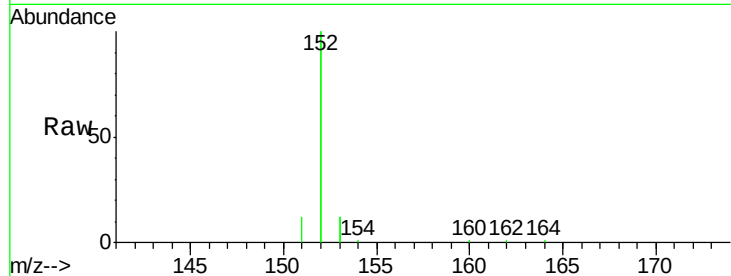
Tot Ion:152 Resp: 17961

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

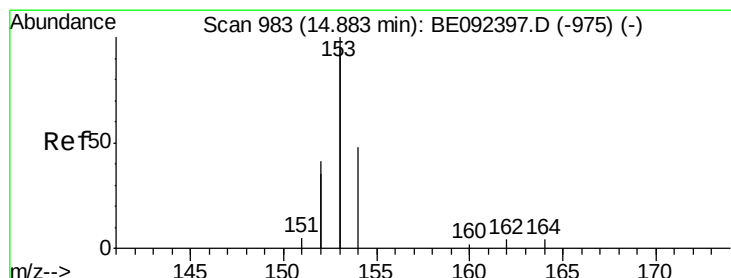
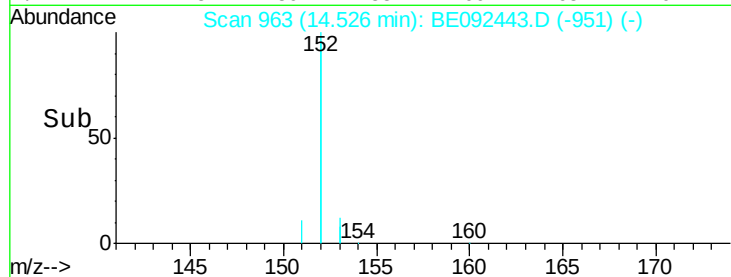
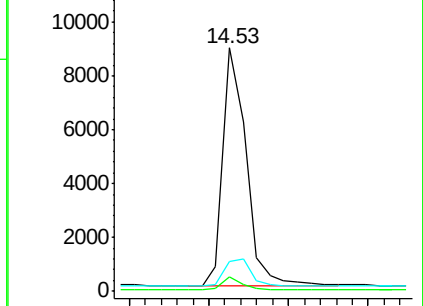
153 13.1 10.4 15.6



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



#16

Acenaphthene

Concen: 0.40 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

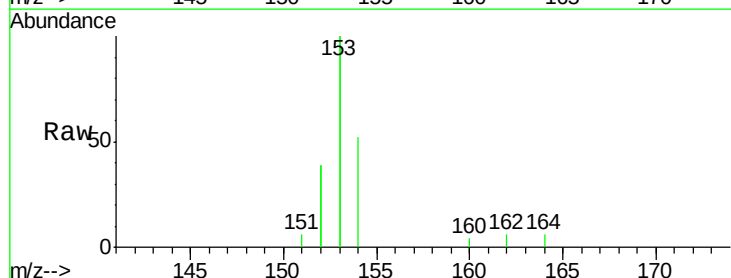
Tgt Ion:154 Resp: 2956

Ion Ratio Lower Upper

154 100

153 439.4 350.8 526.2

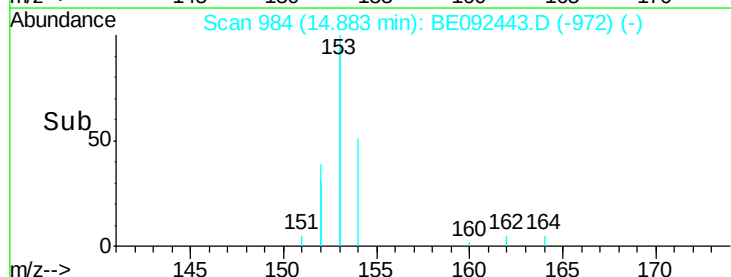
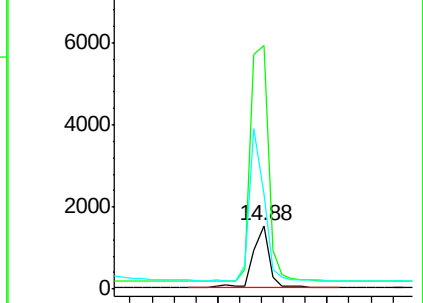
152 228.2 171.1 256.7

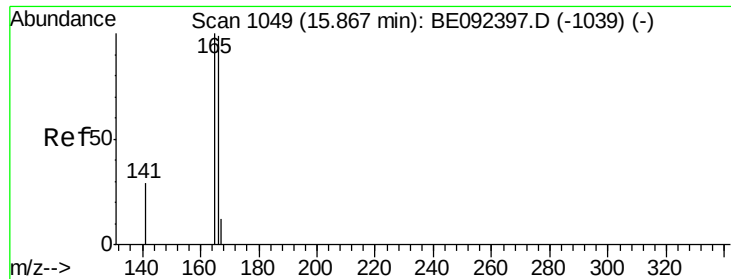


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

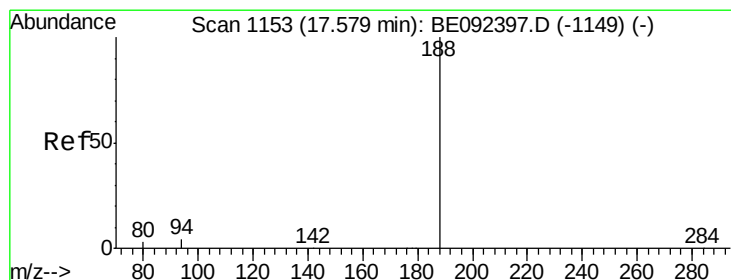
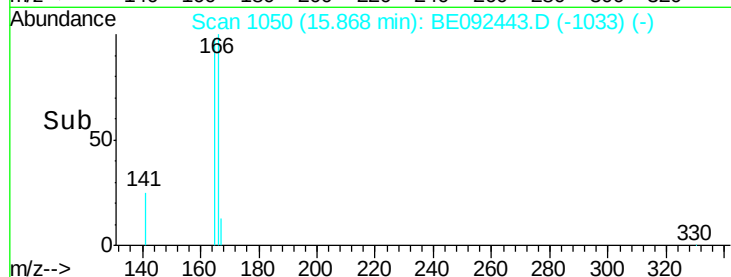
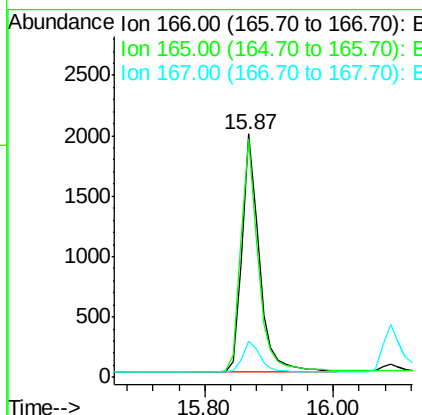
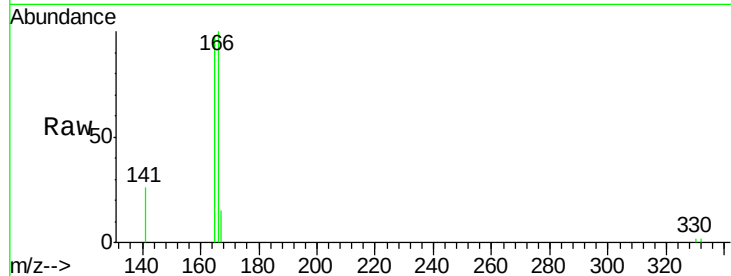




#17
 Fluorene
 Concen: 0.38 ng
 RT: 15.87 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

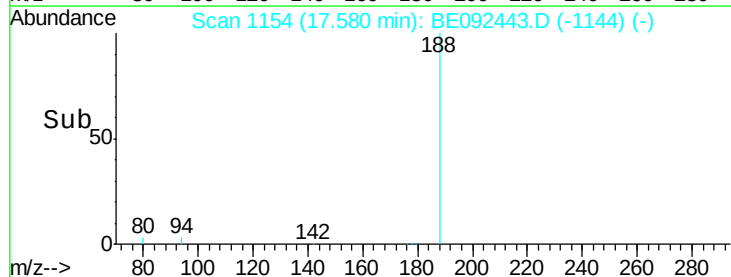
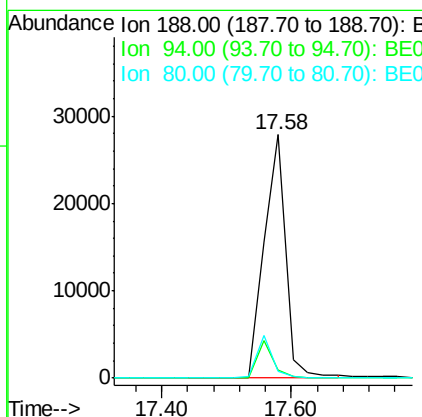
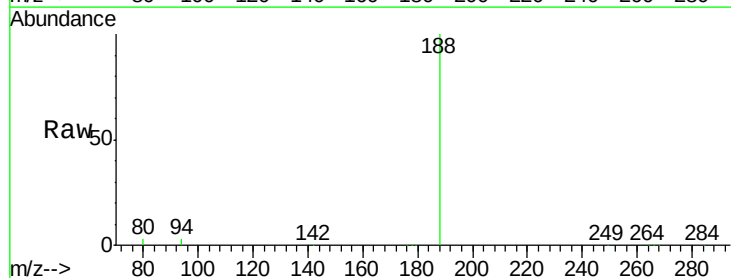
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

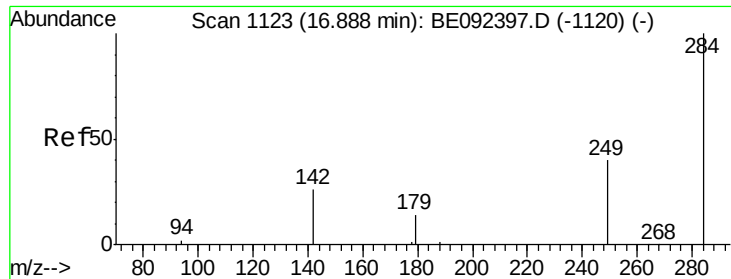
Tot Ion:166 Resp: 3598
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.2 117.4
 167 13.8 11.0 16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

Tgt Ion:188 Resp: 64524
 Ion Ratio Lower Upper
 188 100
 94 3.5 3.2 4.8
 80 3.0 2.6 3.8

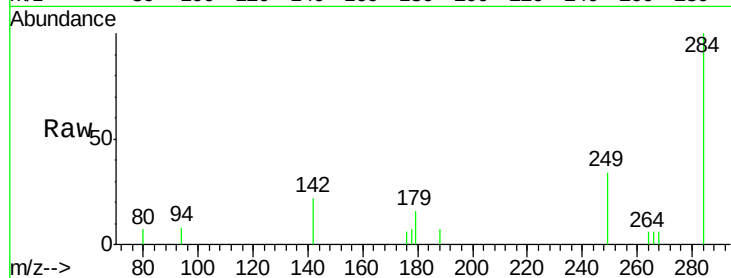




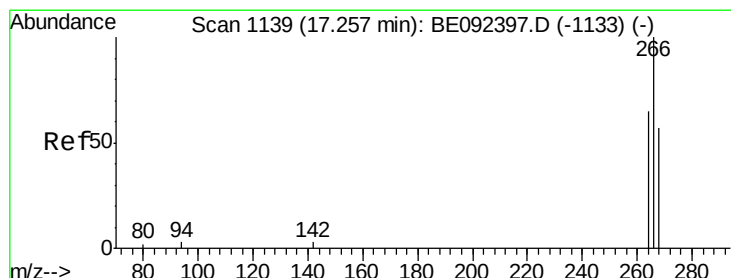
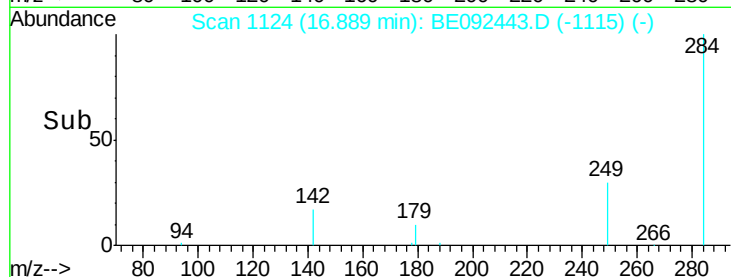
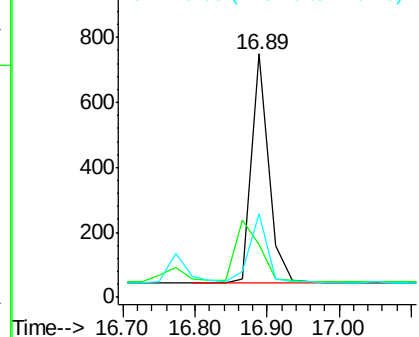
#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	30.3	27.9	41.9

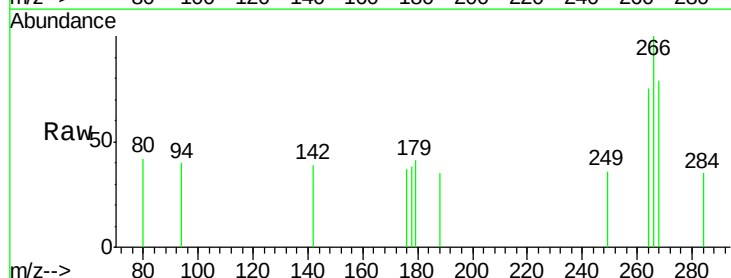


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

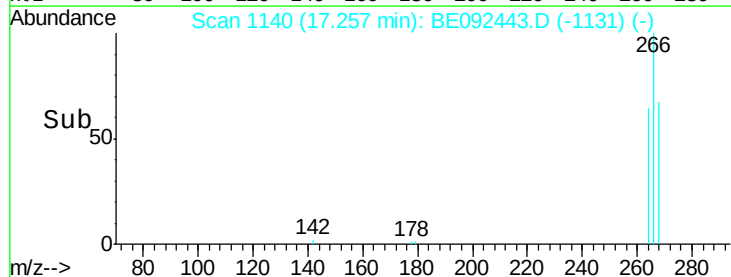
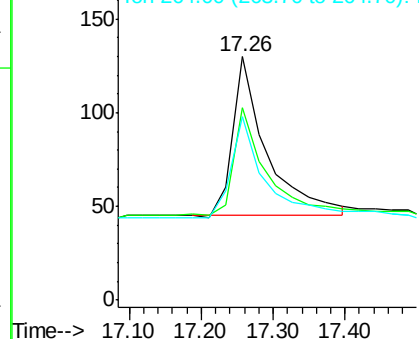


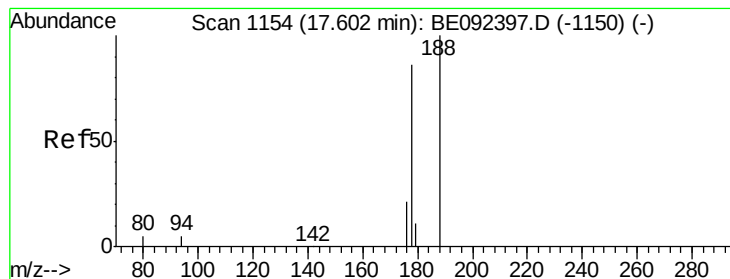
#20
Pentachlorophenol
Concen: 0.45 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	79.2	62.5	93.7
264	75.4	57.2	85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.43 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

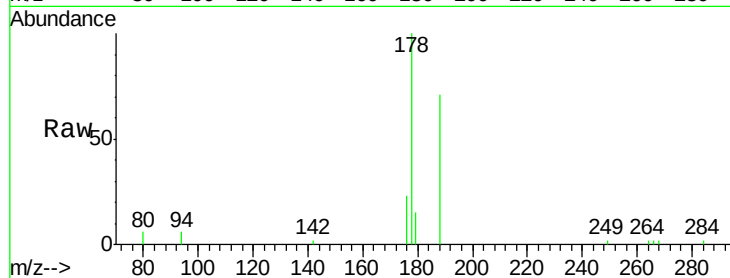
Tot Ion:178 Resp: 6411

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

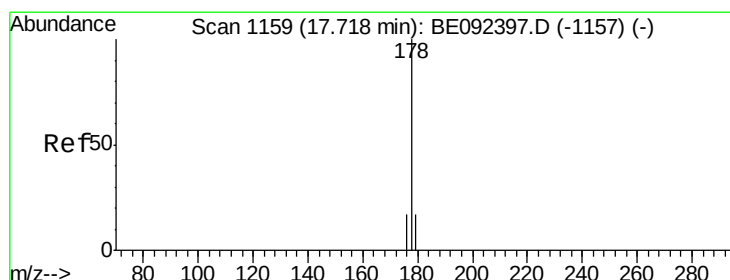
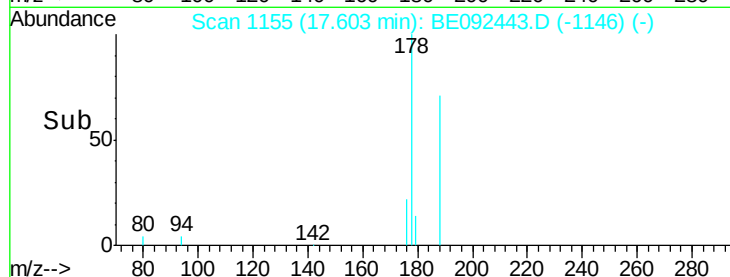
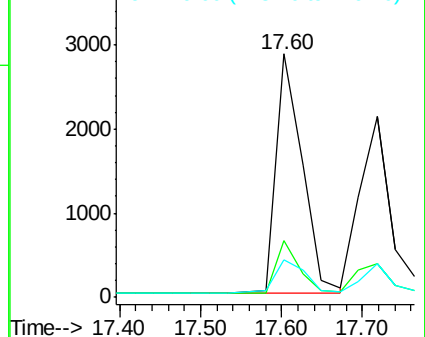
179 16.1 16.0 24.0



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



#22

Anthracene

Concen: 0.38 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

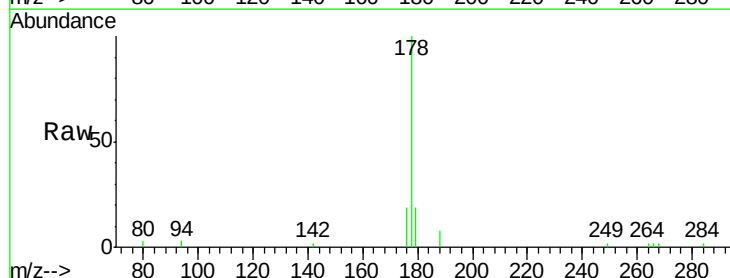
Tgt Ion:178 Resp: 5434

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

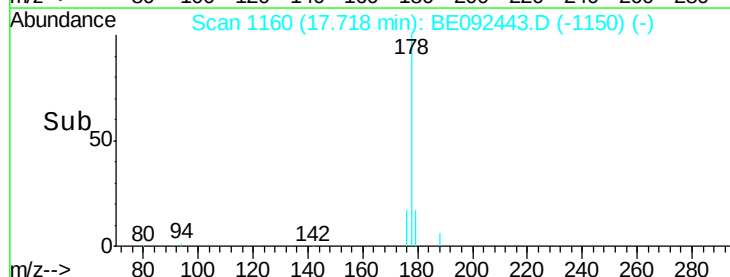
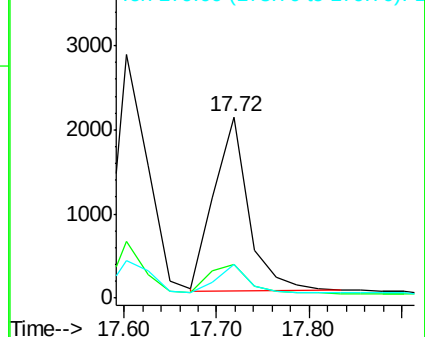
179 14.8 12.2 18.2

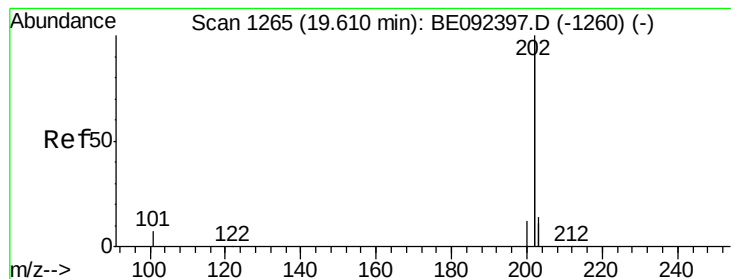


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.38 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

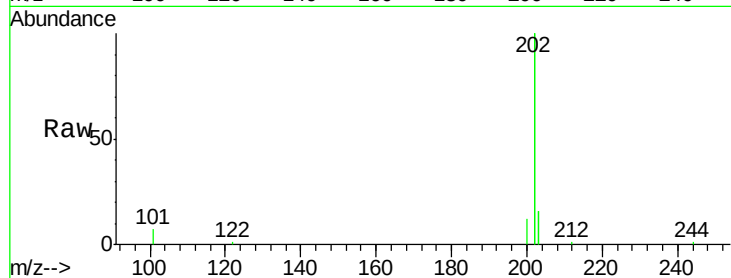
Tot Ion:202 Resp: 26438

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

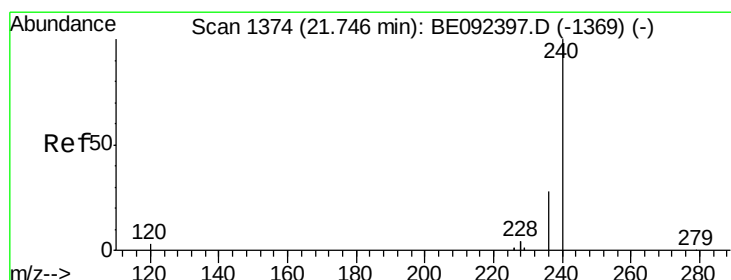
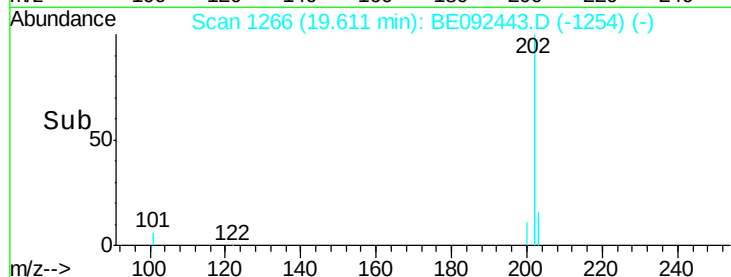
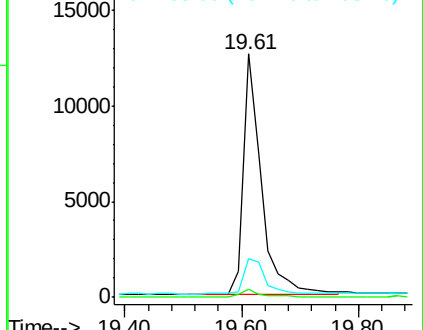
203 17.4 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

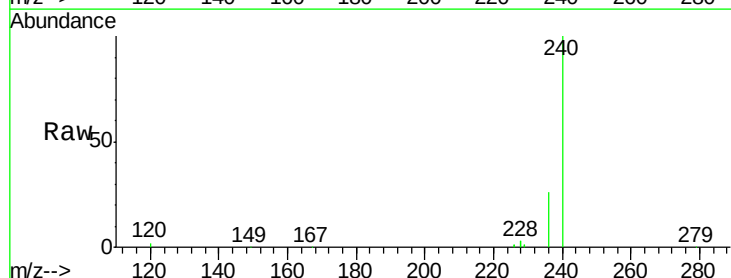
Tgt Ion:240 Resp: 82294

Ion Ratio Lower Upper

240 100

120 2.0 2.6 4.0#

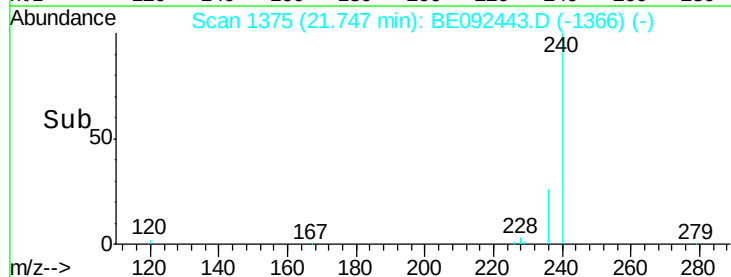
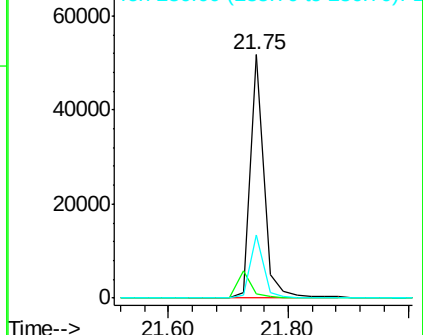
236 25.7 24.6 37.0

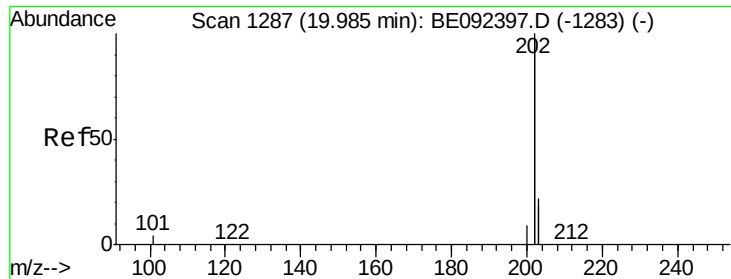


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.39 ng

RT: 19.97 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

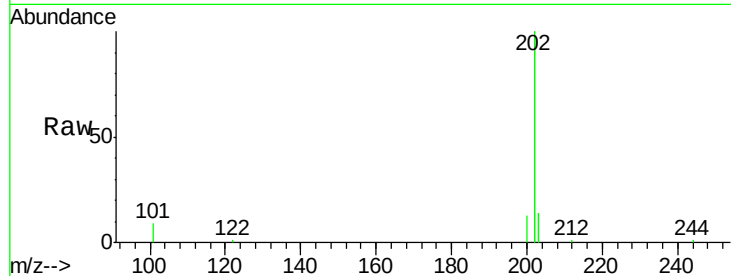
Tot Ion:202 Resp: 28037

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

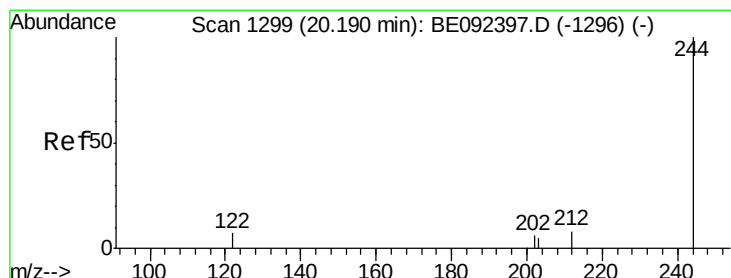
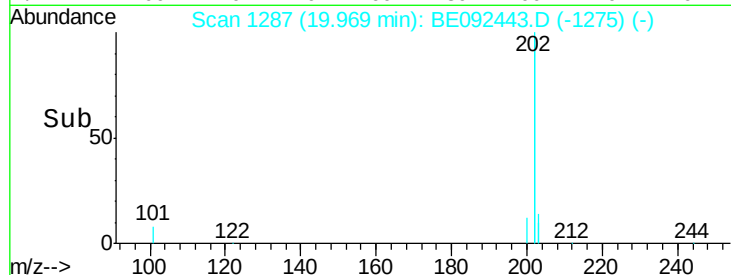
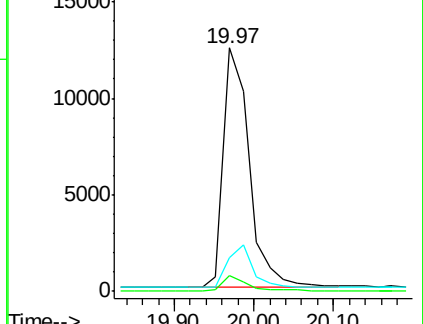
203 17.3 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.40 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

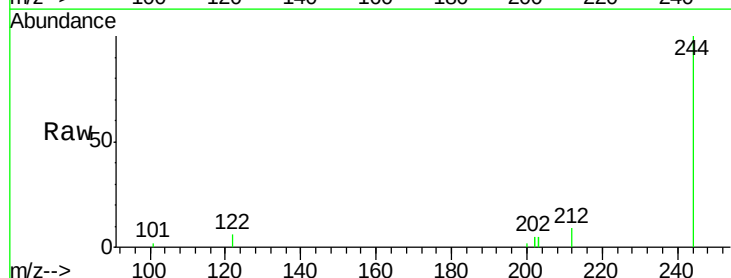
Tgt Ion:244 Resp: 4114

Ion Ratio Lower Upper

244 100

212 9.3 6.7 10.1

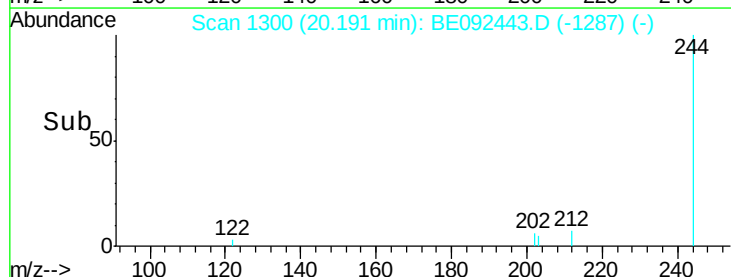
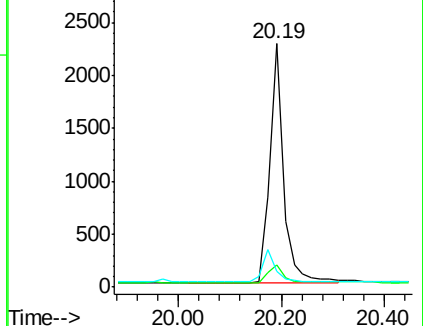
122 6.5 3.6 5.4#

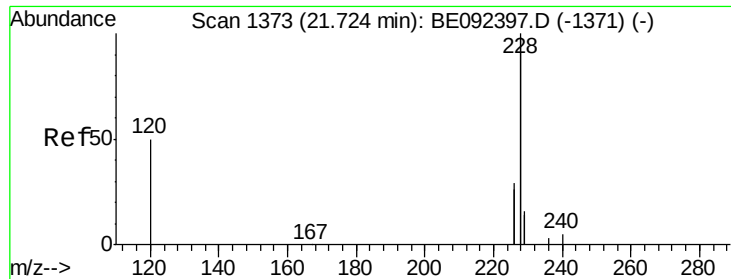


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

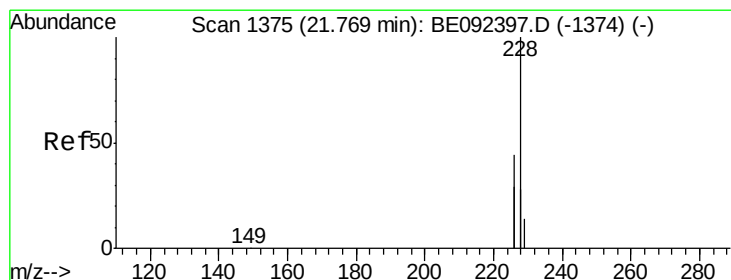
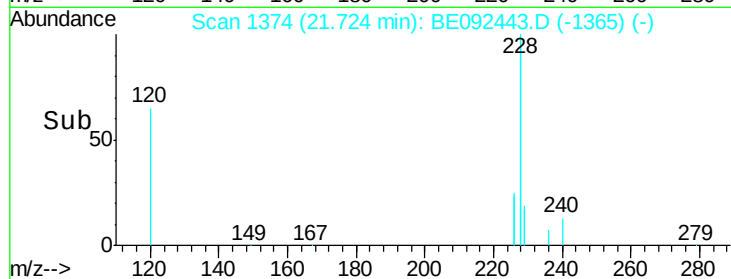
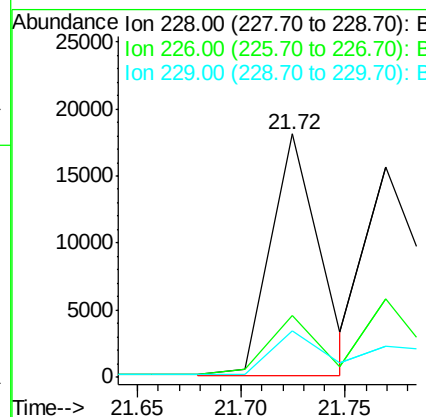
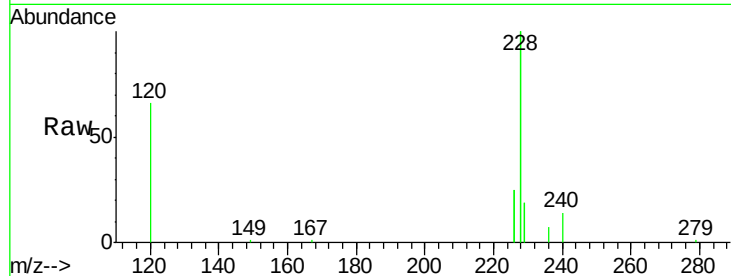




#27
Benzo(a)anthracene
Concen: 0.37 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

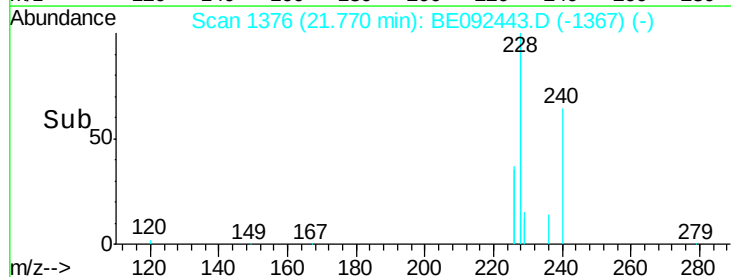
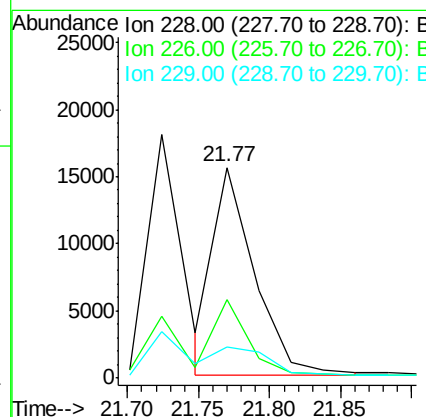
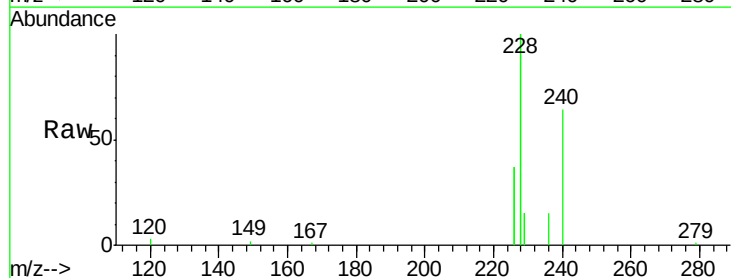
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

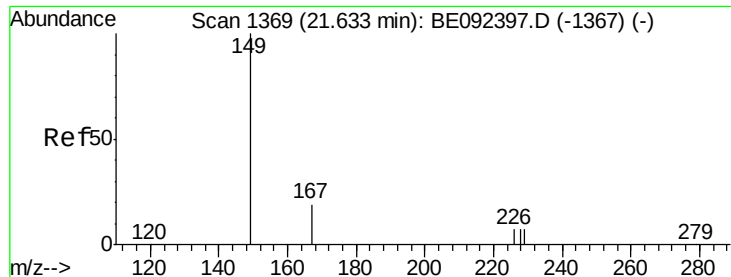
Tot Ion:228 Resp: 29464
Ion Ratio Lower Upper
228 100
226 25.3 23.6 35.4
229 19.0 13.3 19.9



#28
Chrysene
Concen: 0.44 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:228 Resp: 31952
Ion Ratio Lower Upper
228 100
226 37.2 36.3 54.5
229 14.8 10.6 16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

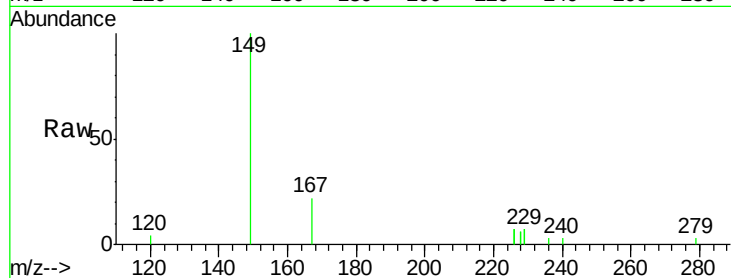
Tot Ion:149 Resp: 2141

Ion Ratio Lower Upper

149 100

167 23.3 16.0 24.0

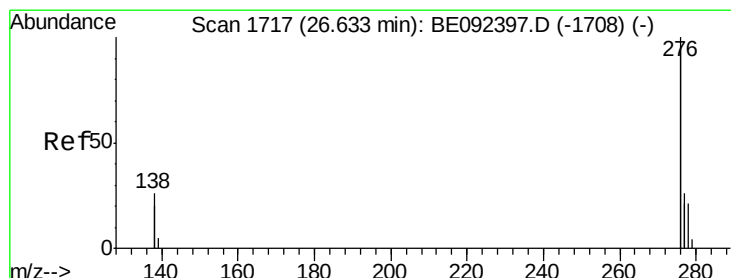
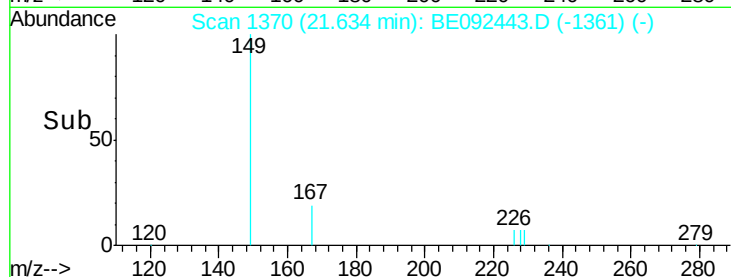
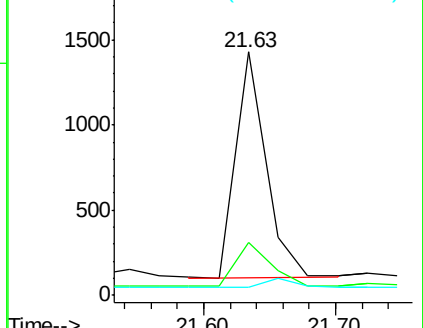
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.34 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.03 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

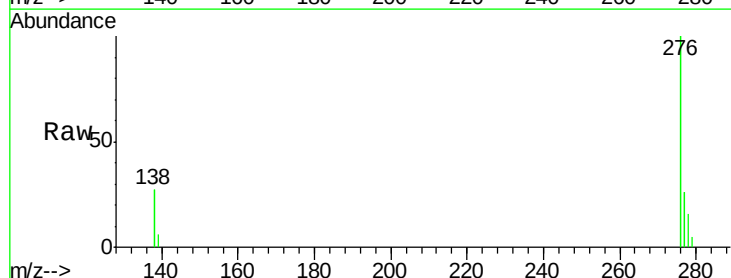
Tgt Ion:276 Resp: 26455

Ion Ratio Lower Upper

276 100

138 26.9 20.3 30.5

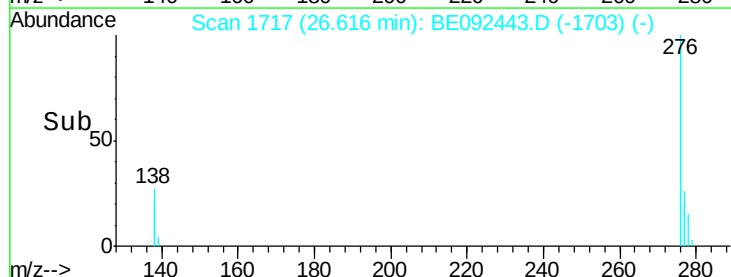
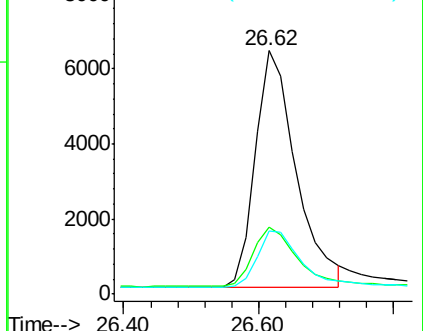
277 24.7 19.7 29.5

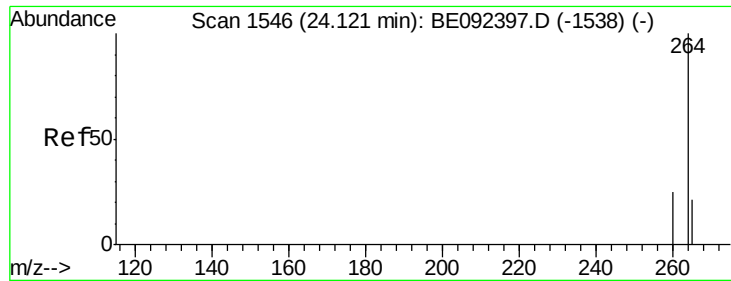


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



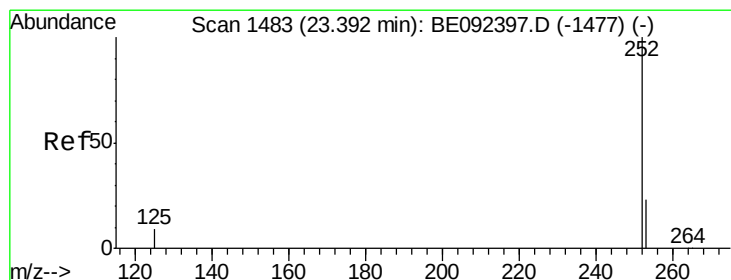
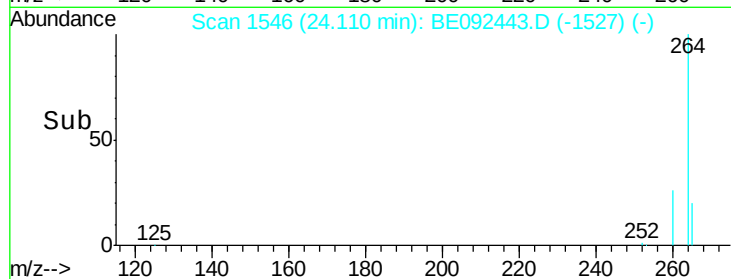
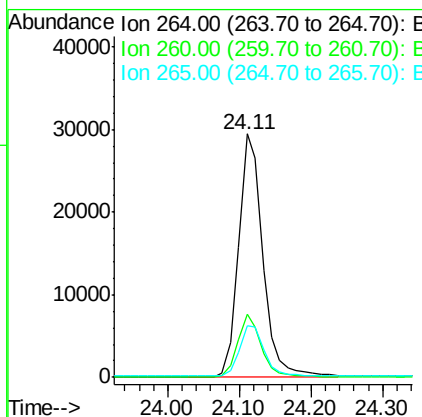
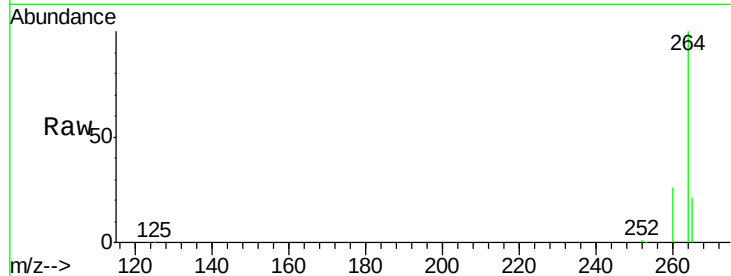


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:264 Resp: 69190

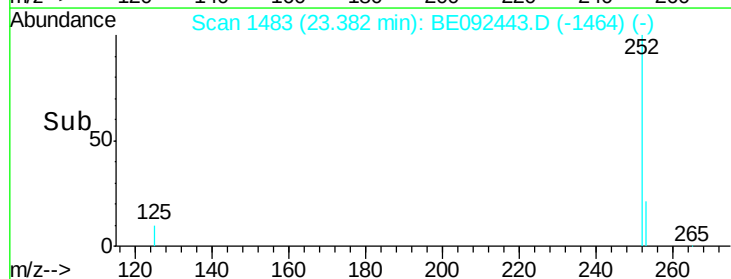
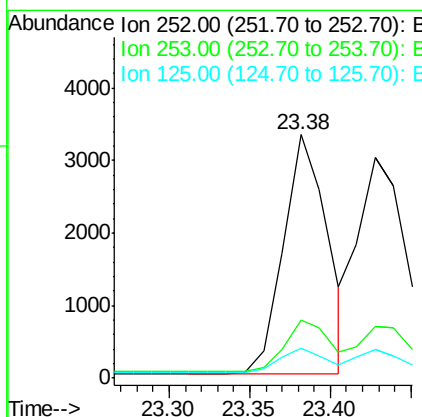
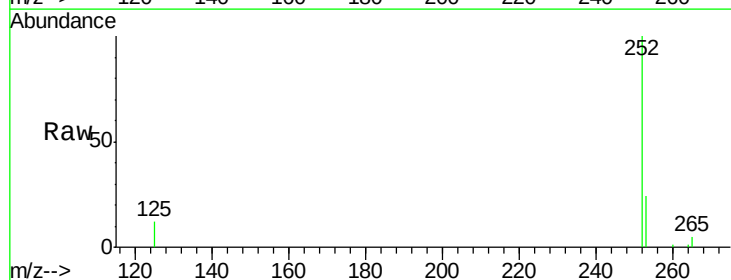
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	20.9	17.9	26.9

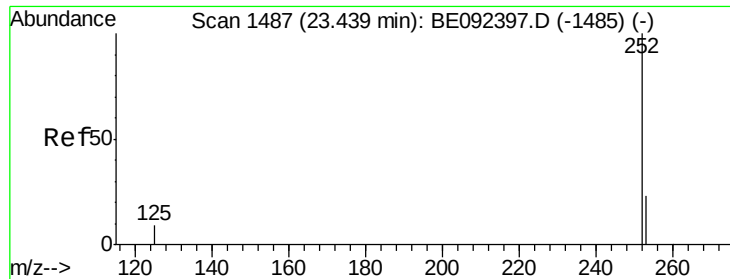


#32
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:252 Resp: 6248

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	12.4	10.5	15.7





#33

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

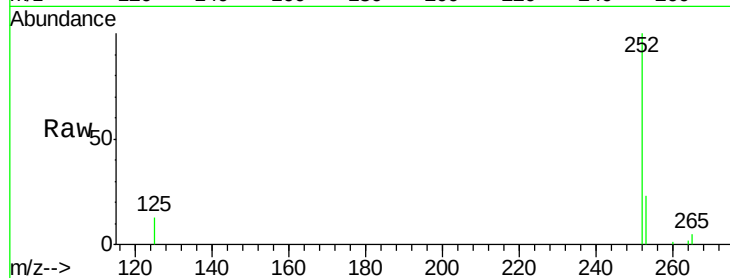
Tot Ion:252 Resp: 6811

Ion Ratio Lower Upper

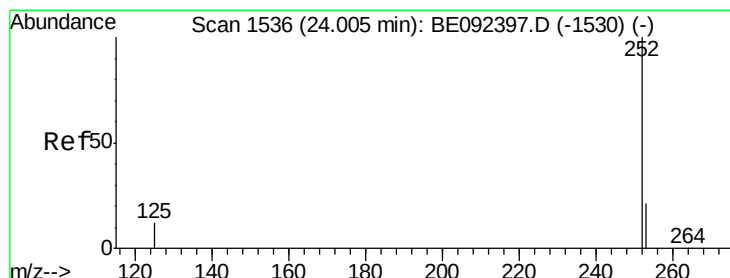
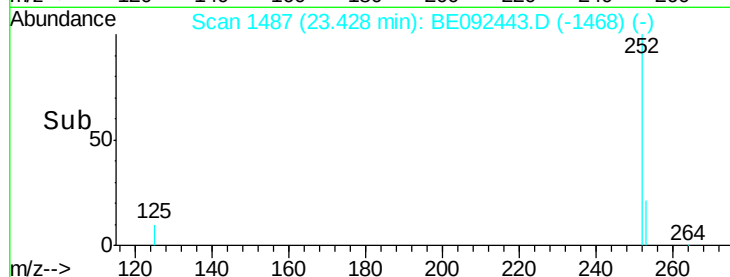
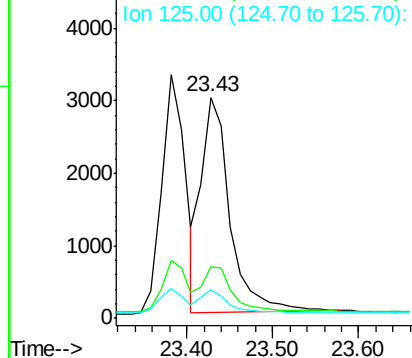
252 100

253 23.5 20.3 30.5

125 12.7 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 0.36 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

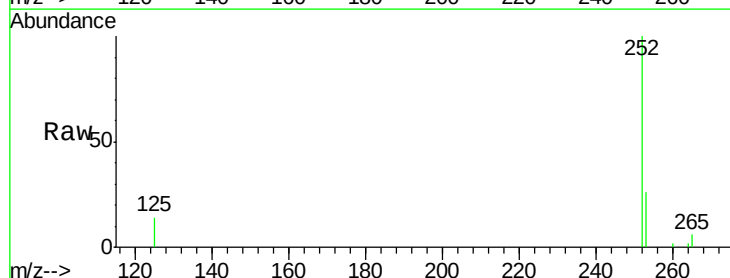
Tgt Ion:252 Resp: 5963

Ion Ratio Lower Upper

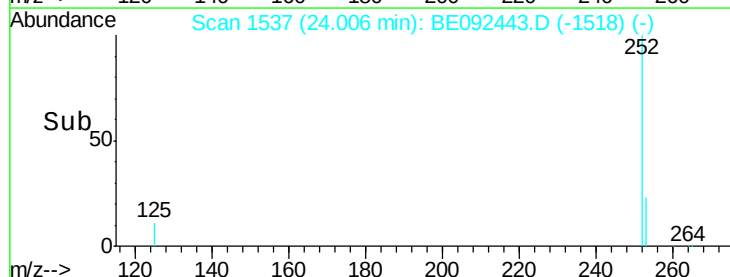
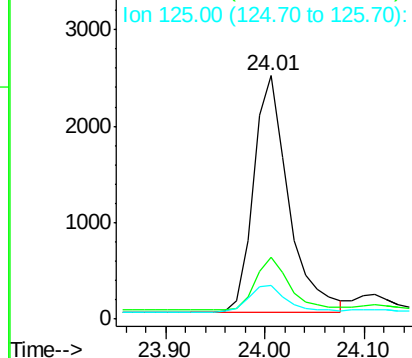
252 100

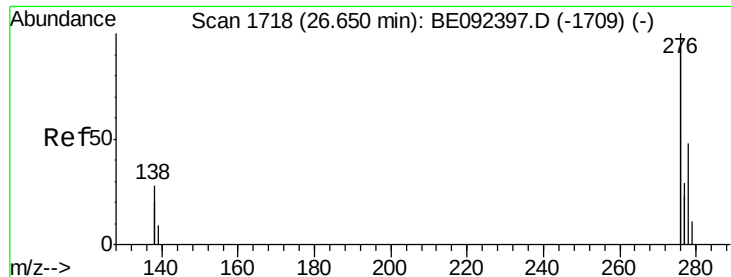
253 25.6 19.0 28.6

125 13.7 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





#35

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.05 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

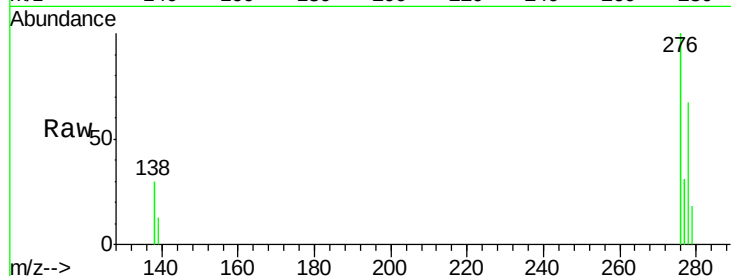
Tot Ion:278 Resp: 5292

Ion Ratio Lower Upper

278 100

139 19.8 13.8 20.8

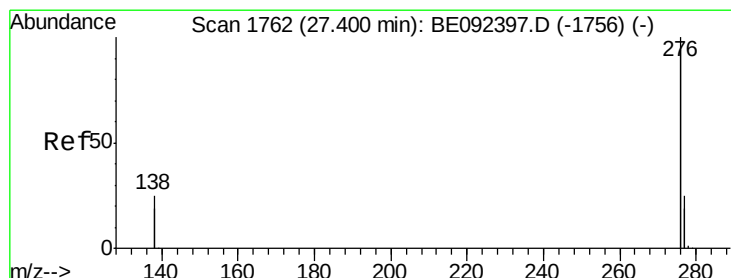
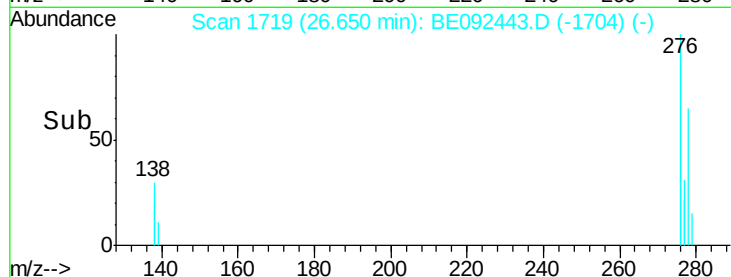
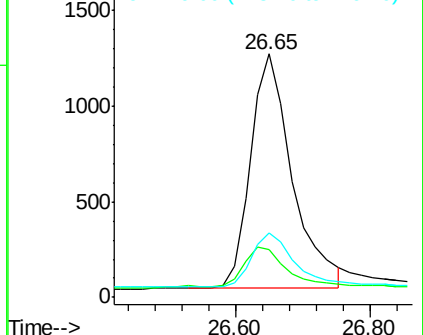
279 26.4 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.03 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

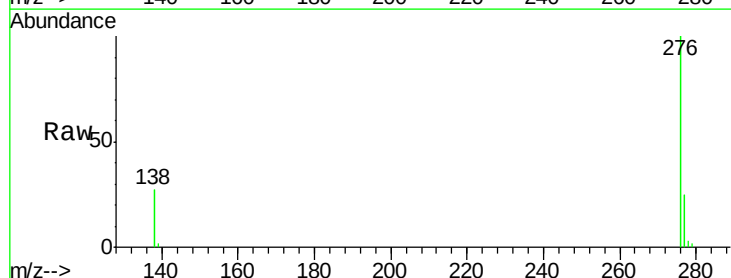
Tgt Ion:276 Resp: 24004

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 26.6 19.8 29.6



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

