

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089949.D
 Acq On : 26 Jun 2015 18:58
 Operator : TP/IZ
 Sample : G2782-32MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MSD

Quant Time: Jun 27 01:00:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

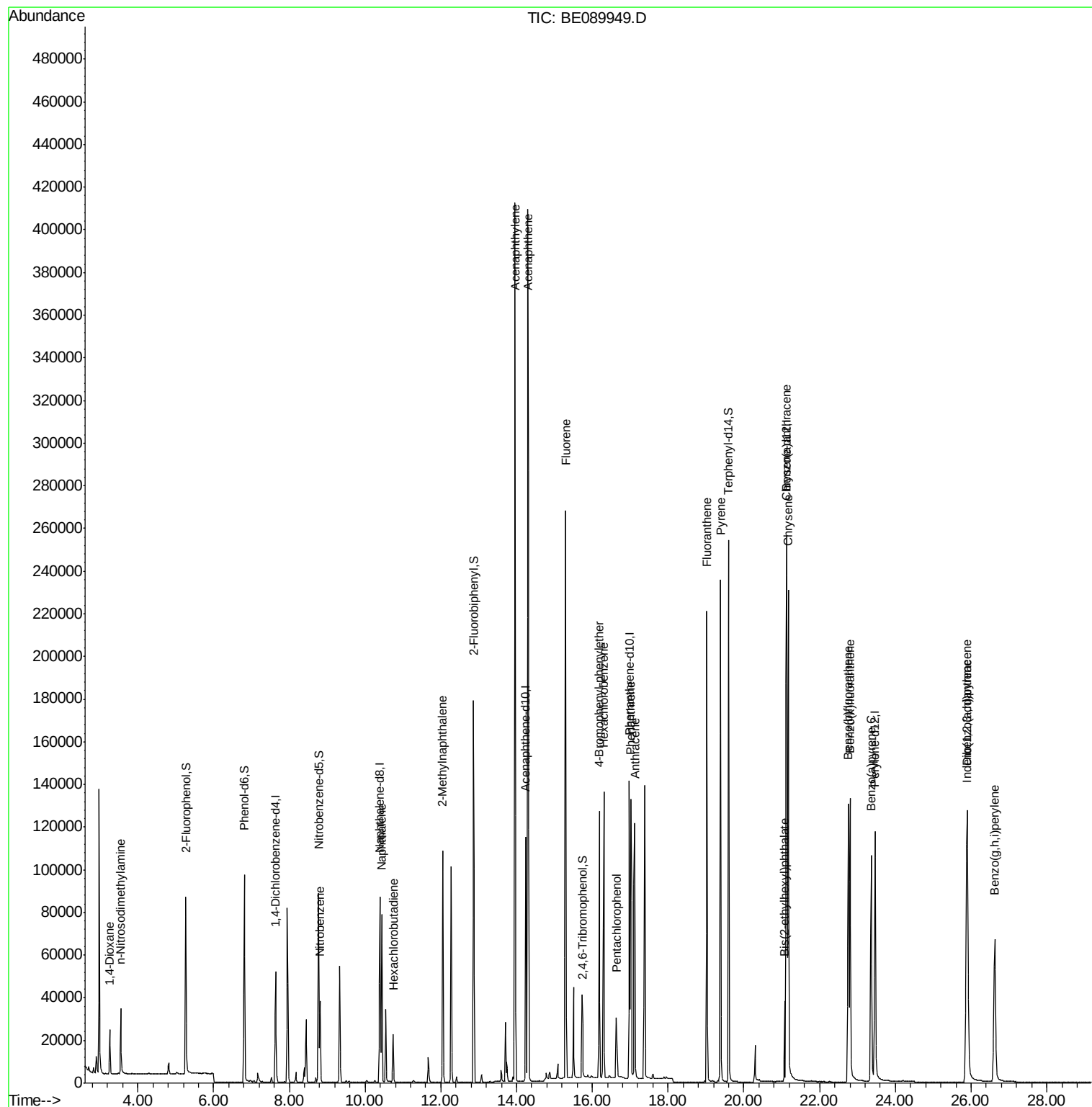
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23867	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	110010	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	67948	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	164122	5.00	ng	0.00
25) Chrysene-d12	21.13	240	185177	5.00	ng	0.00
32) Perylene-d12	23.47	264	163089	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	59222	13.74	ng	0.00
5) Phenol-d6	6.81	99	97338	14.74	ng	0.00
7) Nitrobenzene-d5	8.77	82	72622	8.87	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	18009	14.75	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	162504	8.21	ng	0.00
27) Terphenyl-d14	19.60	244	259925	8.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	11307	3.96	ng	99
3) n-Nitrosodimethylamine	3.54	42	17931	4.18	ng	# 98
8) Nitrobenzene	8.81	77	40230	4.62	ng	96
9) Naphthalene	10.44	128	103181	4.22	ng	100
10) Hexachlorobutadiene	10.74	225	15776	4.08	ng	99
11) 2-Methylnaphthalene	12.05	142	72425	4.33	ng	98
15) Acenaphthylene	13.96	152	509516	4.28	ng	100
16) Acenaphthene	14.30	154	75587	4.32	ng	97
17) Fluorene	15.29	166	104153	4.76	ng	97
19) 4-Bromophenyl-phenylether	16.18	248	29158	4.36	ng	95
20) Hexachlorobenzene	16.30	284	125792	4.29	ng	98
21) Pentachlorophenol	16.63	266	14664	9.05	ng	89
22) Phenanthrene	17.01	178	170758	4.15	ng	99
23) Anthracene	17.12	178	170075	4.45	ng	99
24) Fluoranthene	19.03	202	200193	4.48	ng	100
26) Pyrene	19.38	202	214252	4.57	ng	99
28) Benzo(a)anthracene	21.12	228	200859	4.54	ng	98
29) Chrysene	21.17	228	205676	4.25	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	32067	8.50	ng	99
31) Indeno(1,2,3-cd)pyrene	25.88	276	185084	5.21	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	171108	4.96	ng	99
34) Benzo(k)fluoranthene	22.80	252	186383	4.77	ng	99
35) Benzo(a)pyrene	23.36	252	162579	5.30	ng	100
36) Dibenzo(a,h)anthracene	25.90	278	151246	5.30	ng	100
37) Benzo(g,h,i)perylene	26.62	276	157325	5.13	ng	100

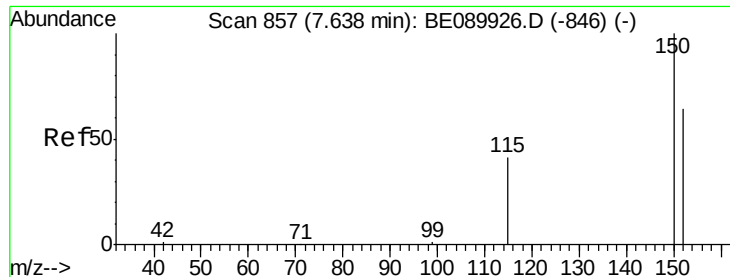
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
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Instrument :
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Quant Time: Jun 27 01:00:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

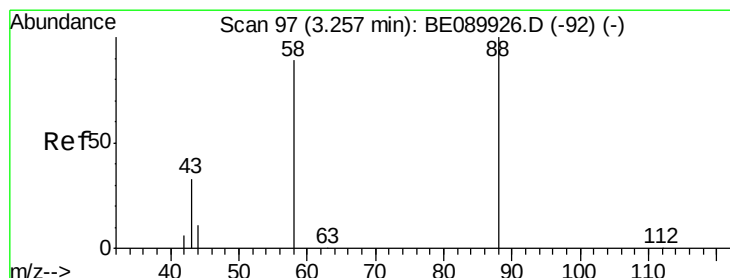
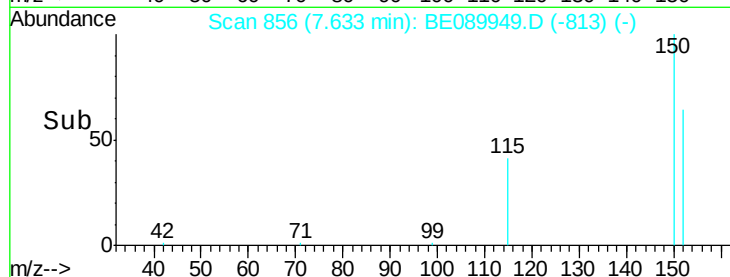
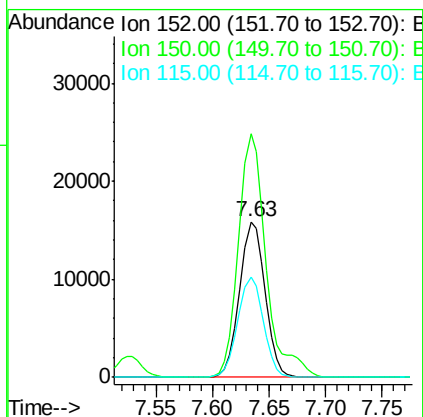
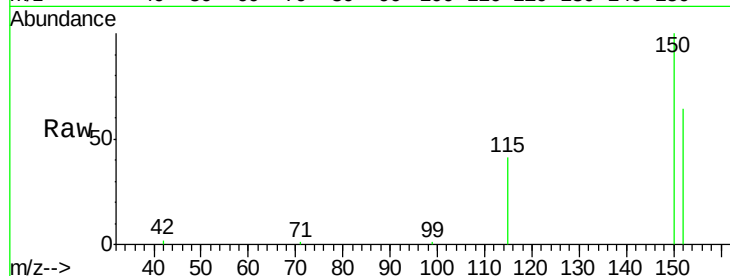
Tgt Ion:152 Resp: 23867

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

115 64.6 51.6 77.4



#2

1,4-Dioxane

Concen: 3.96 ng

RT: 3.26 min Scan# 97

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

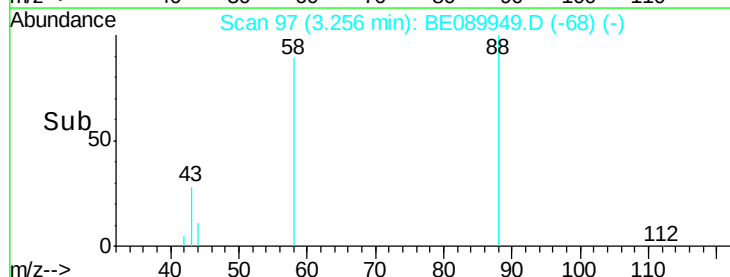
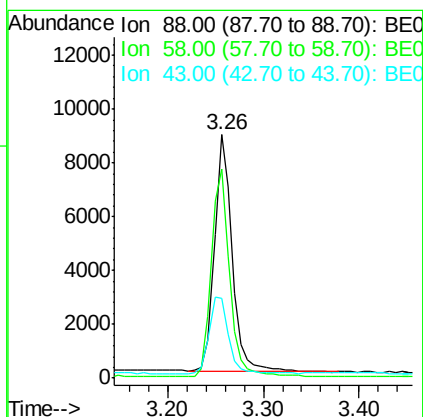
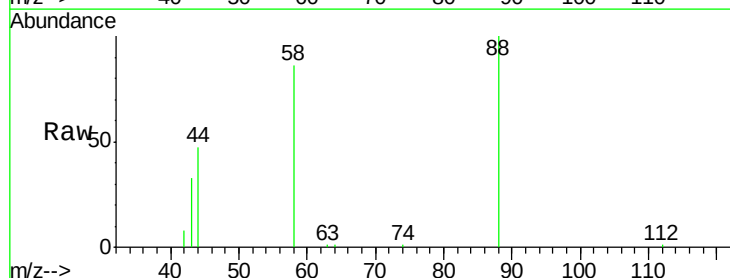
Tgt Ion: 88 Resp: 11307

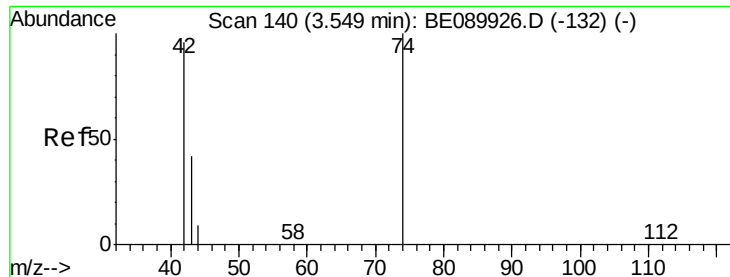
Ion Ratio Lower Upper

88 100

58 88.3 70.8 106.2

43 34.8 26.8 40.2





#3

n-Nitrosodimethylamine

Concen: 4.18 ng

RT: 3.54 min Scan# 139

Delta R.T. -0.01 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

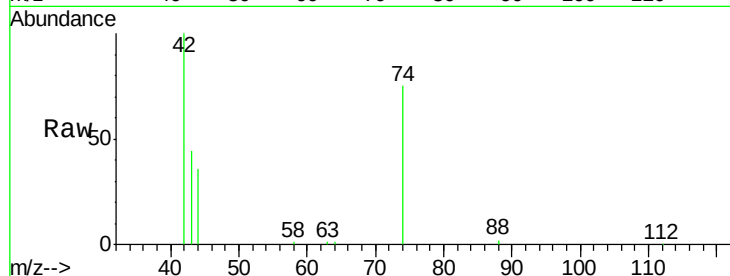
Tgt Ion: 42 Resp: 17931

Ion Ratio Lower Upper

42 100

74 108.5 85.4 128.2

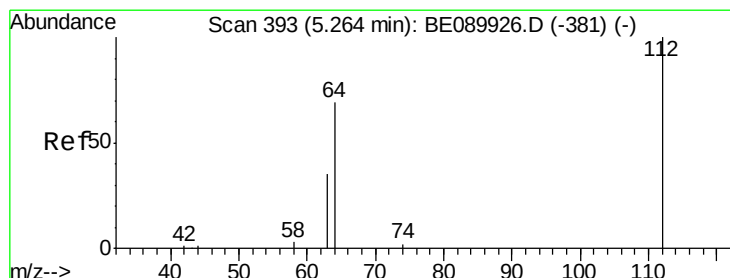
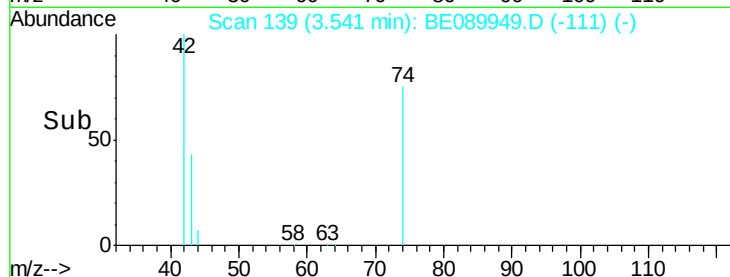
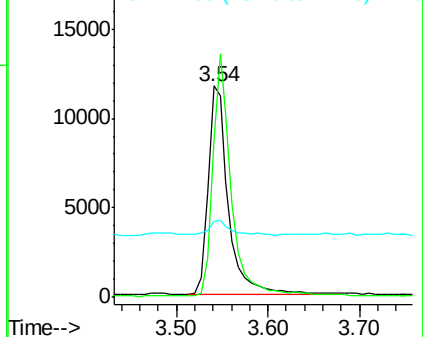
44 7.8 8.4 12.6#



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: 13.74 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

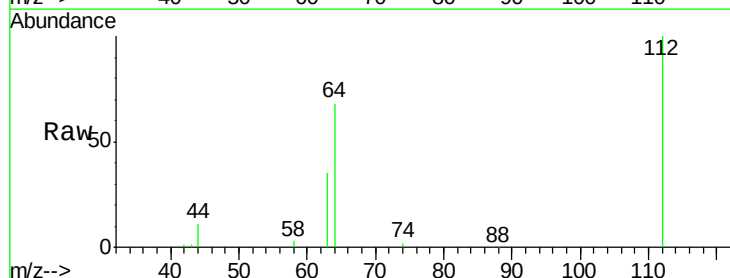
Tgt Ion: 112 Resp: 59222

Ion Ratio Lower Upper

112 100

64 72.0 57.4 86.2

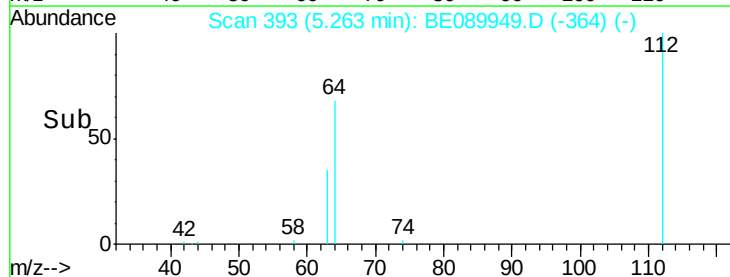
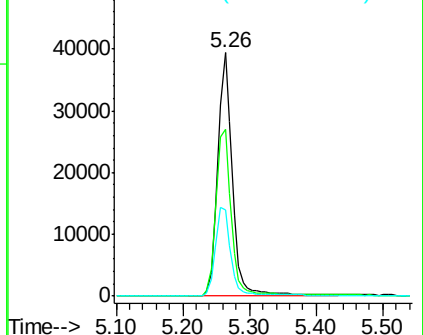
63 38.1 31.2 46.8

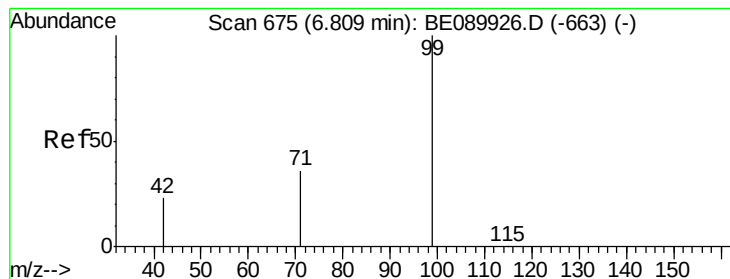


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 14.74 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

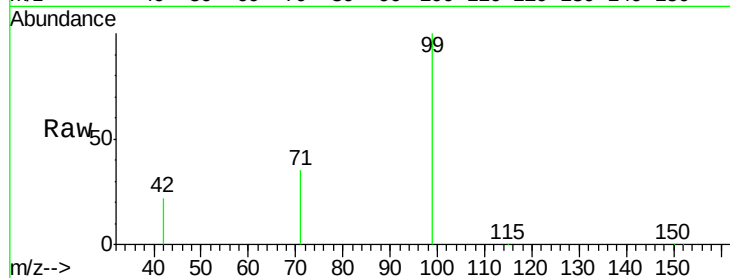
Tgt Ion: 99 Resp: 97338

Ion Ratio Lower Upper

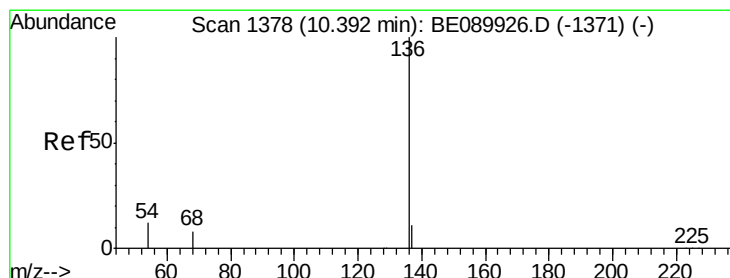
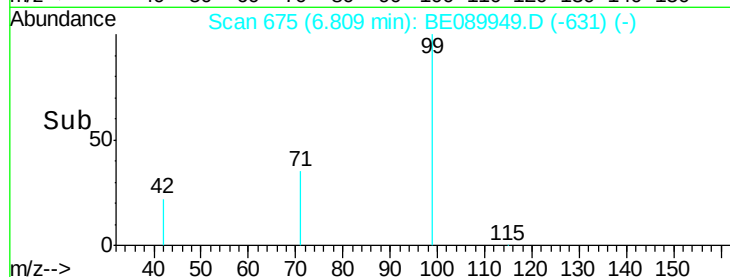
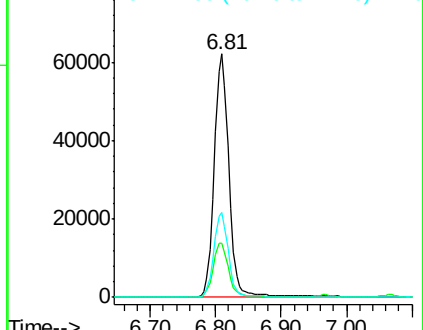
99 100

42 23.1 19.5 29.3

71 34.6 27.8 41.6



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Tgt Ion: 136 Resp: 110010

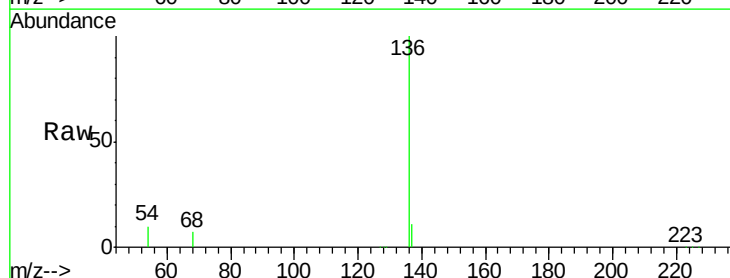
Ion Ratio Lower Upper

136 100

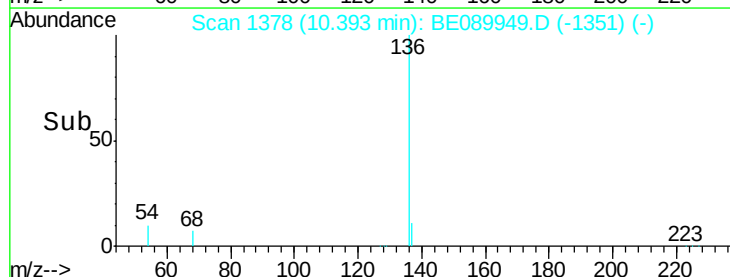
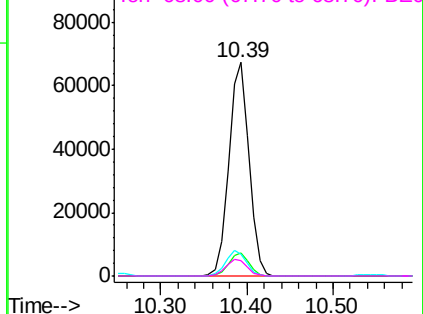
137 11.0 8.7 13.1

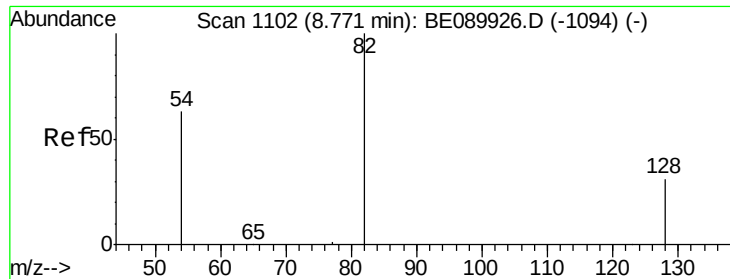
54 10.3 9.7 14.5

68 7.3 6.5 9.7



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





#7

Nitrobenzene-d5

Concen: 8.87 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

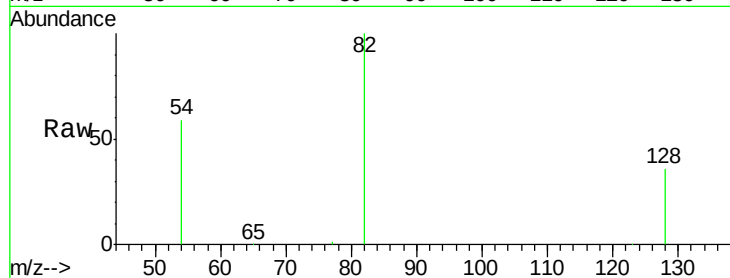
Tgt Ion: 82 Resp: 72622

Ion Ratio Lower Upper

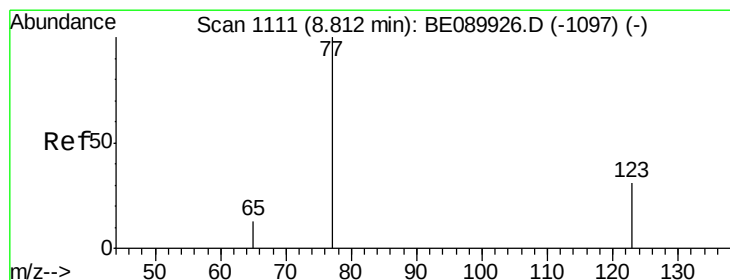
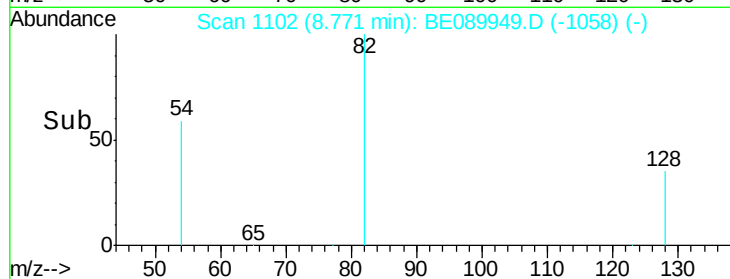
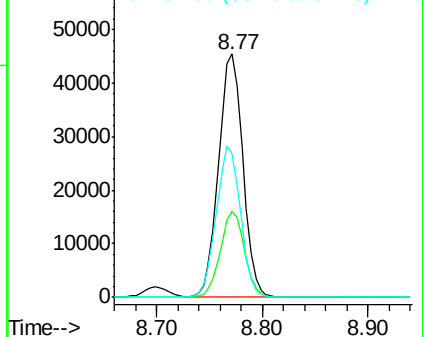
82 100

128 35.5 25.6 38.4

54 59.1 51.2 76.8



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 4.62 ng

RT: 8.81 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

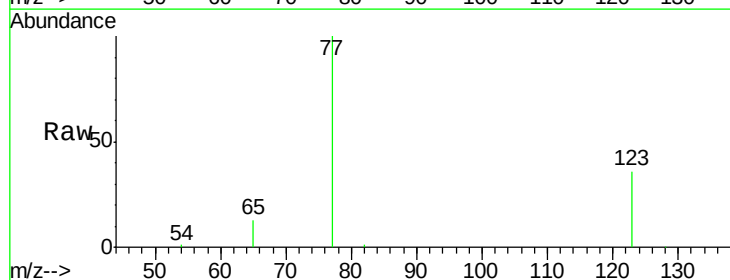
Tgt Ion: 77 Resp: 40230

Ion Ratio Lower Upper

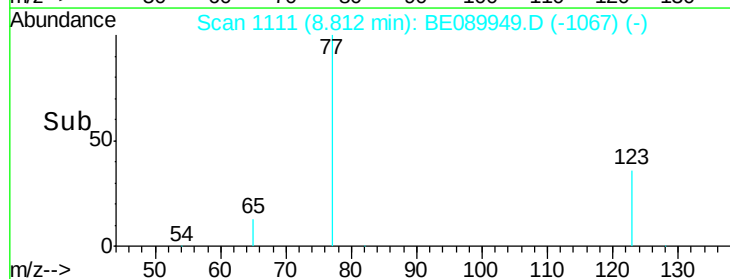
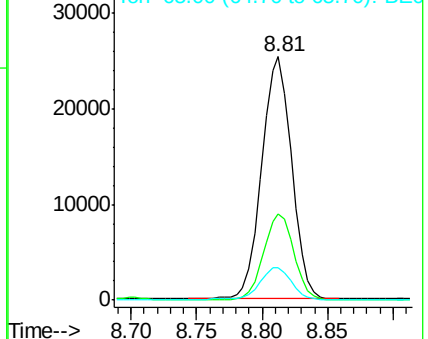
77 100

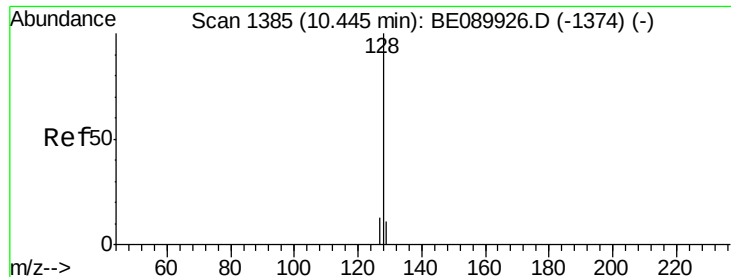
123 35.7 26.6 39.8

65 13.5 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 4.22 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

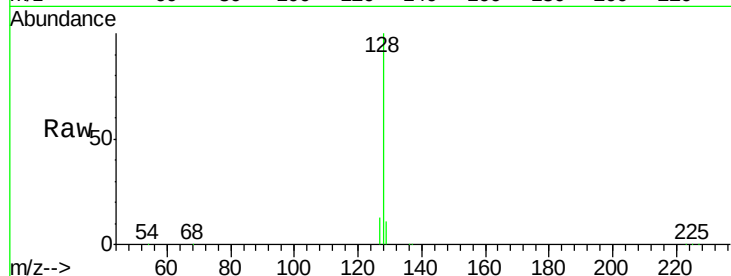
Tgt Ion:128 Resp: 103181

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

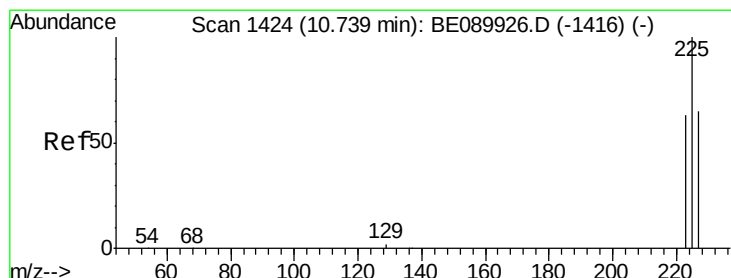
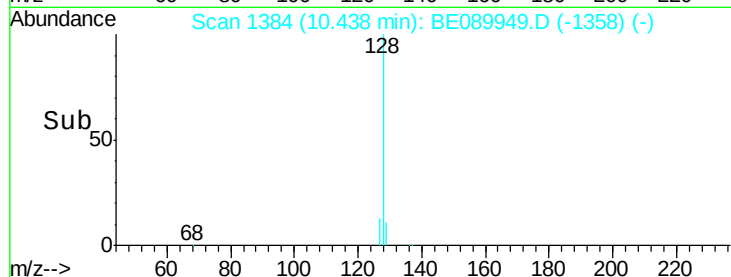
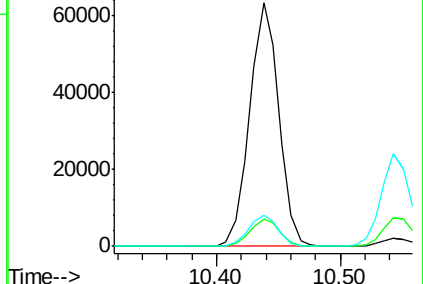
127 13.0 10.2 15.4



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: 4.08 ng

RT: 10.74 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

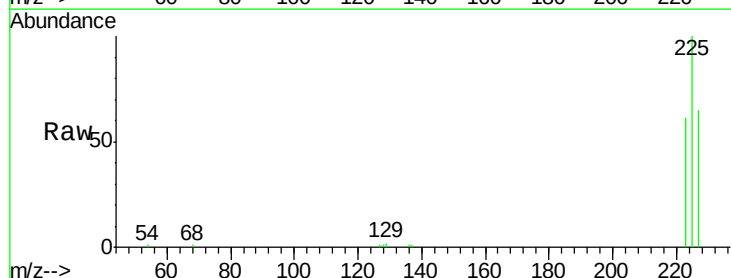
Tgt Ion:225 Resp: 15776

Ion Ratio Lower Upper

225 100

223 63.0 50.0 75.0

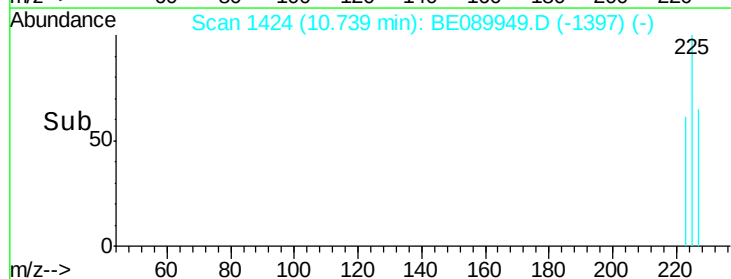
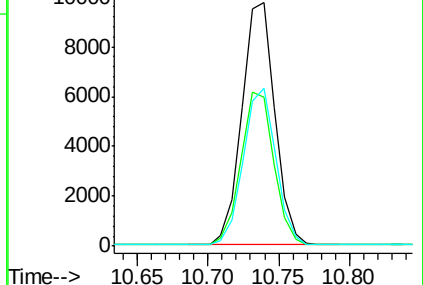
227 63.8 50.7 76.1

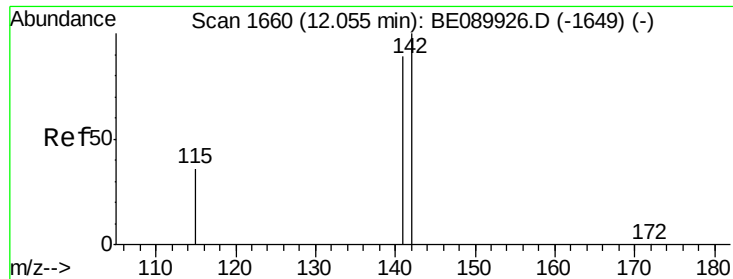


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

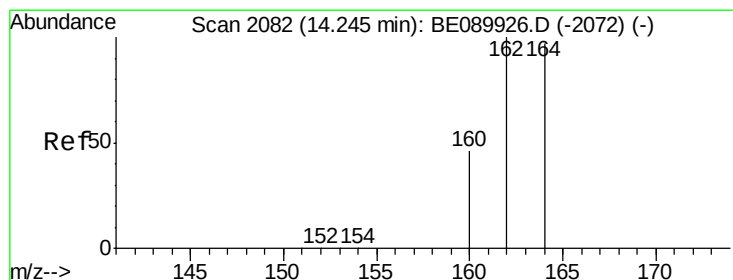
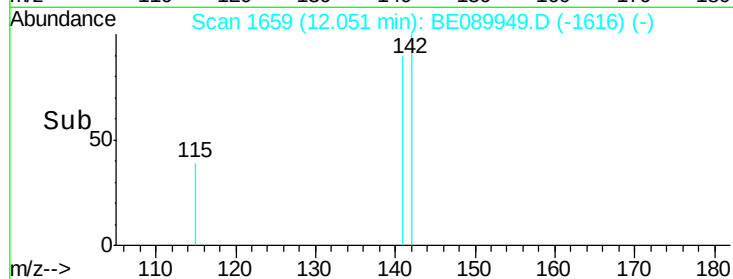
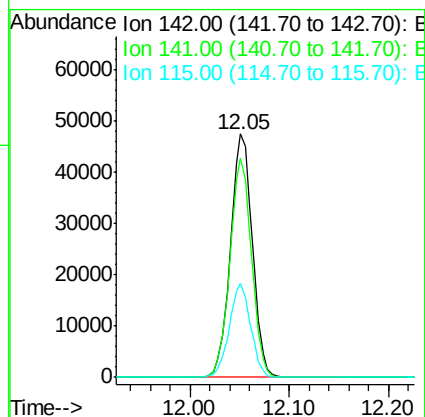
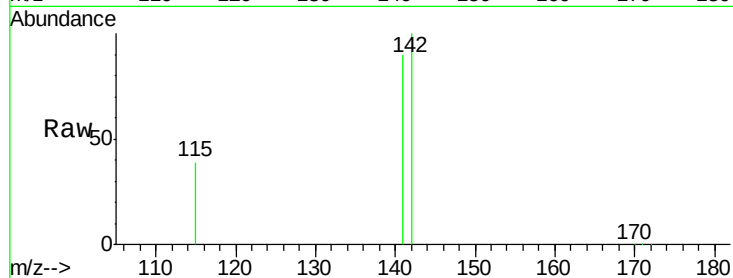




#11
2-Methylnaphthalene
Concen: 4.33 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

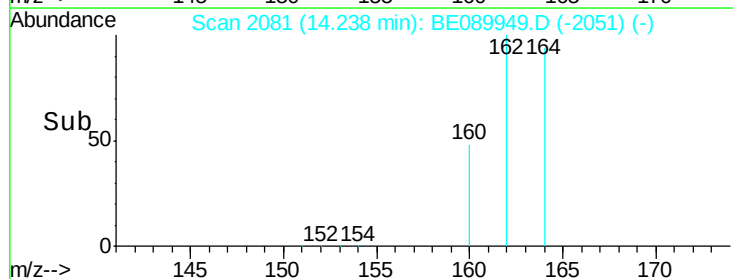
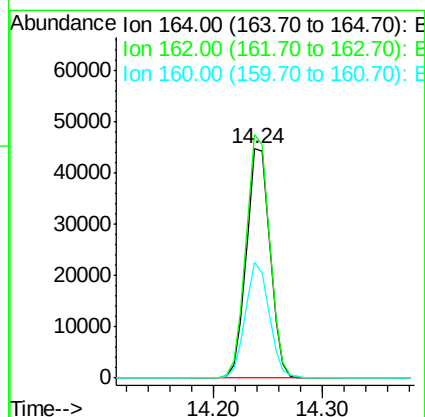
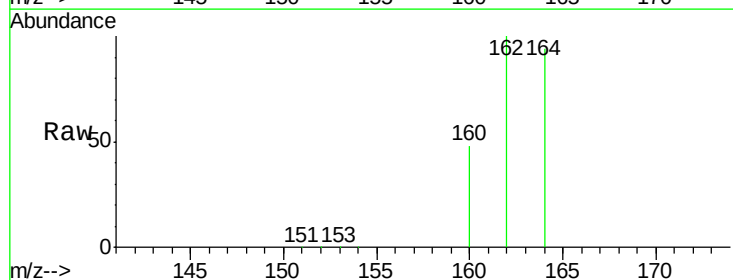
Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

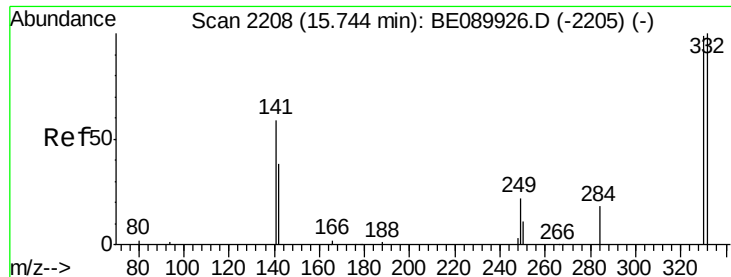
Tgt Ion:142 Resp: 72425
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7
115 38.6 29.1 43.7



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:164 Resp: 67948
Ion Ratio Lower Upper
164 100
162 106.3 82.7 124.1
160 50.7 38.3 57.5

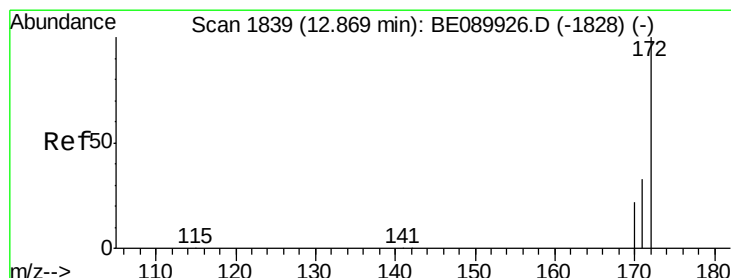
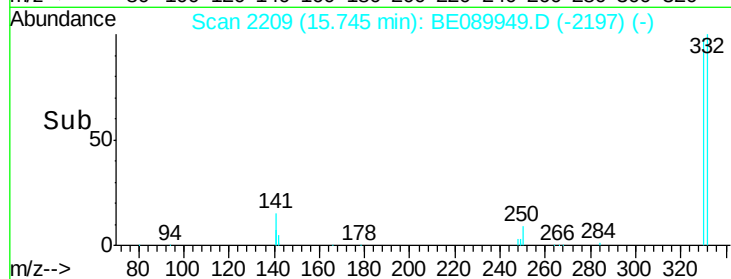
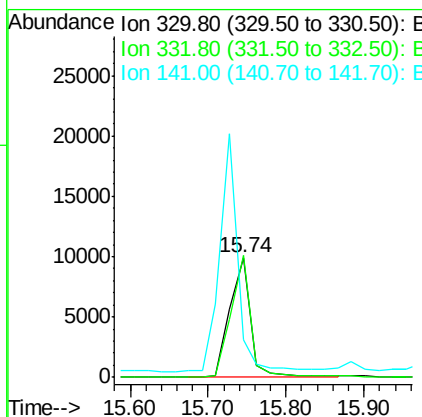
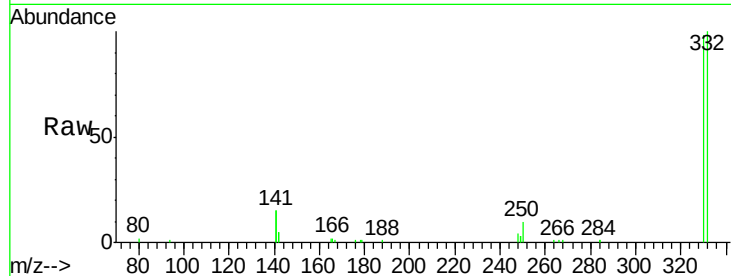




#13
 2,4,6-Tribromophenol
 Concen: 14.75 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089949.D
 Acq: 26 Jun 2015 18:58

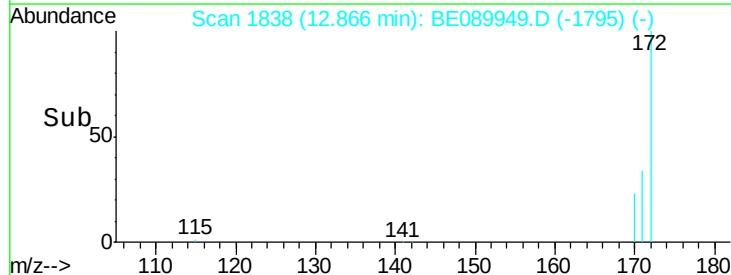
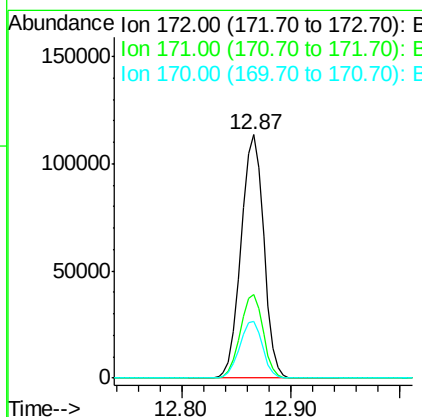
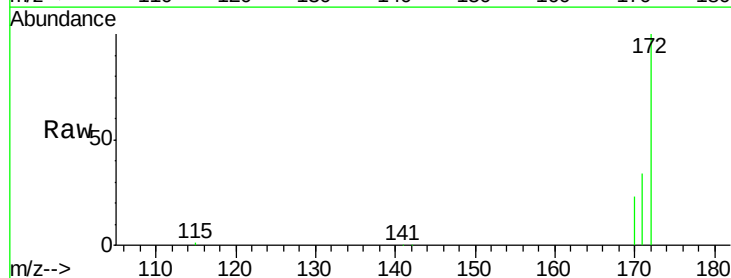
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MSD

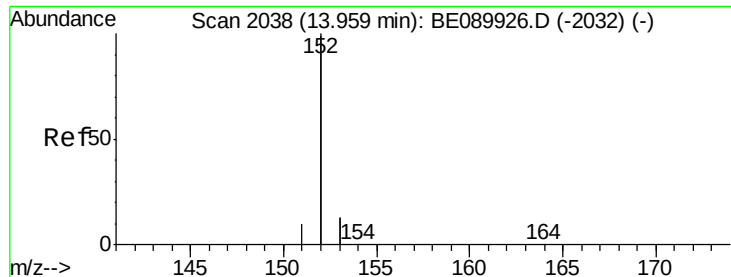
Tgt Ion:330 Resp: 18009
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.9 116.9
 141 173.6 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 8.21 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089949.D
 Acq: 26 Jun 2015 18:58

Tgt Ion:172 Resp: 162504
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.7 40.1
 170 23.1 17.5 26.3





#15

Acenaphthylene

Concen: 4.28 ng

RT: 13.96 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

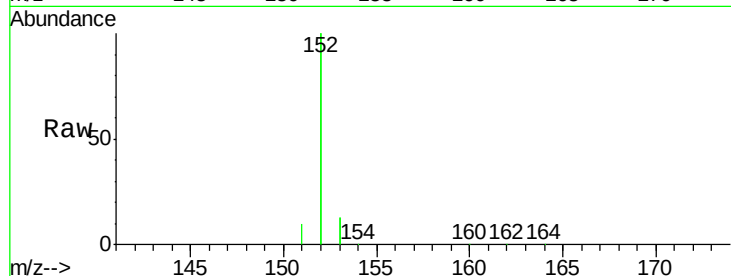
Tgt Ion:152 Resp: 509516

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

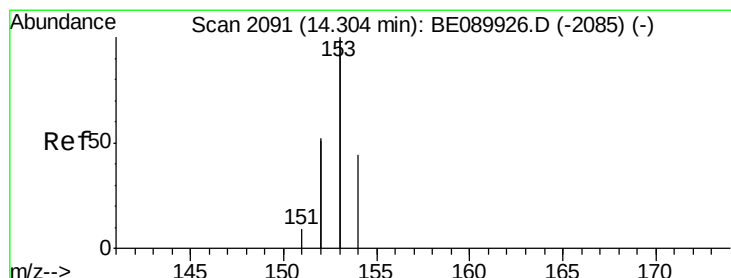
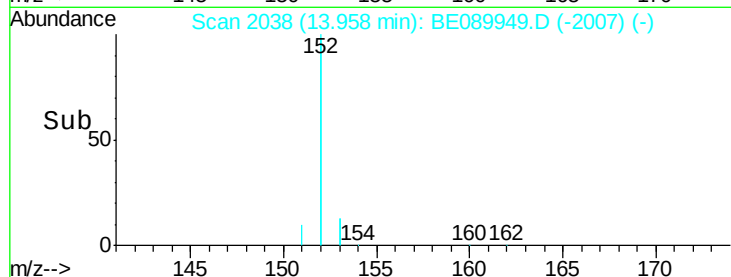
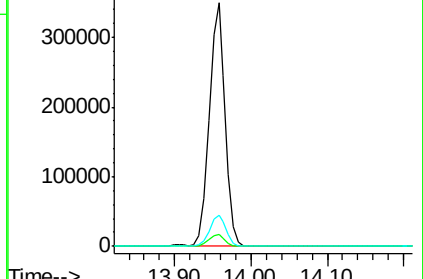
153 13.1 10.4 15.6



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: 4.32 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

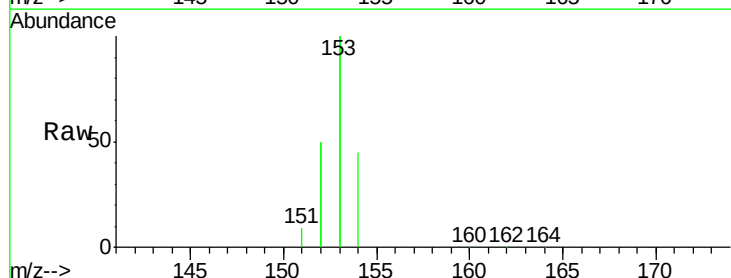
Tgt Ion:154 Resp: 75587

Ion Ratio Lower Upper

154 100

153 448.2 362.8 544.2

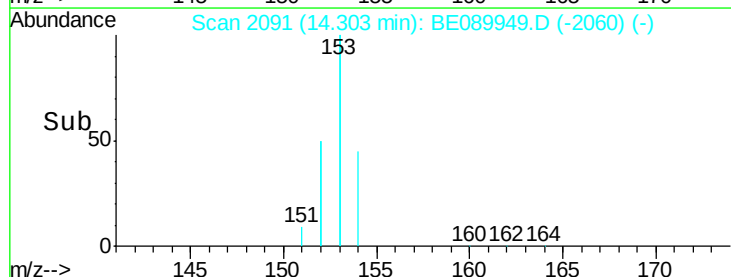
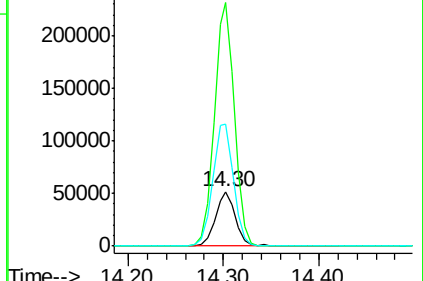
152 233.6 194.6 291.8

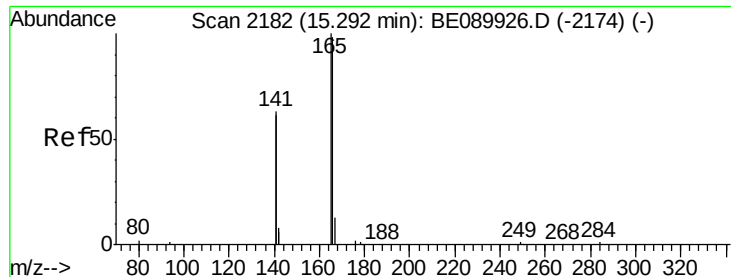


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

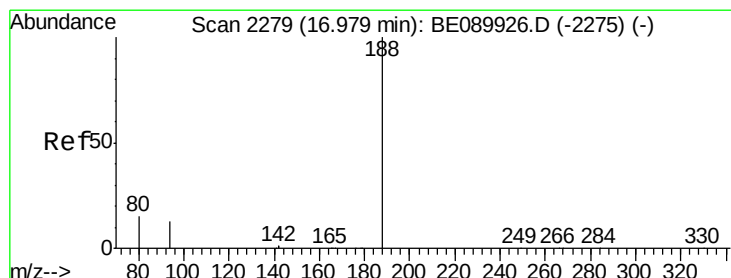
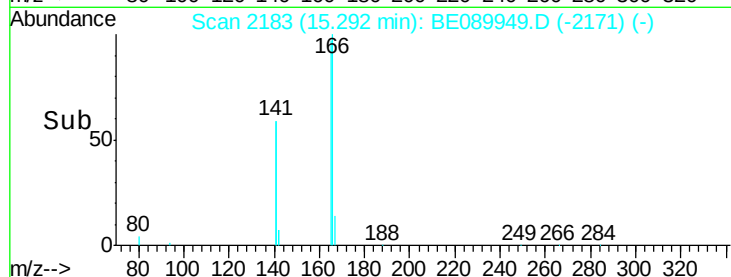
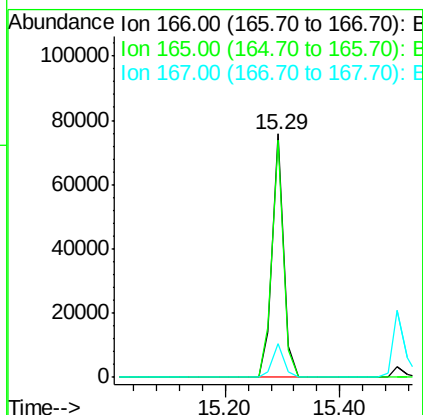
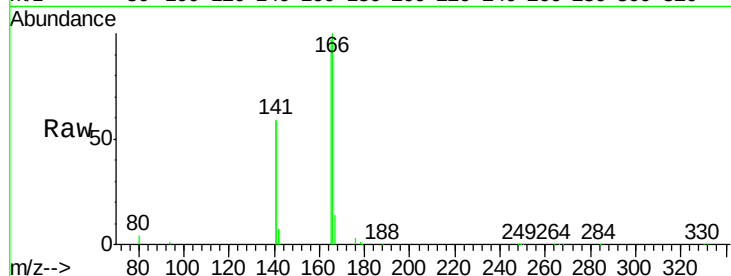




#17
Fluorene
Concen: 4.76 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

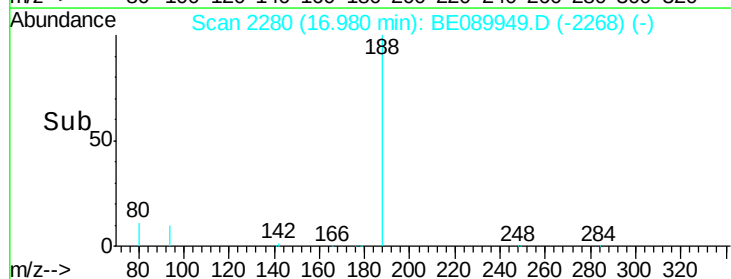
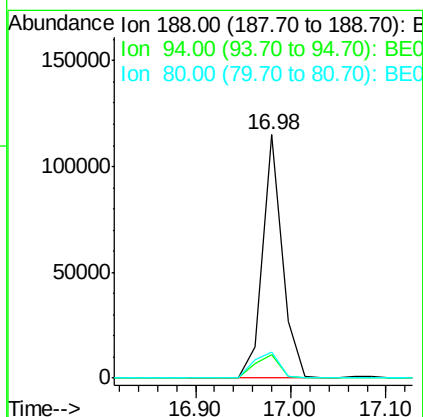
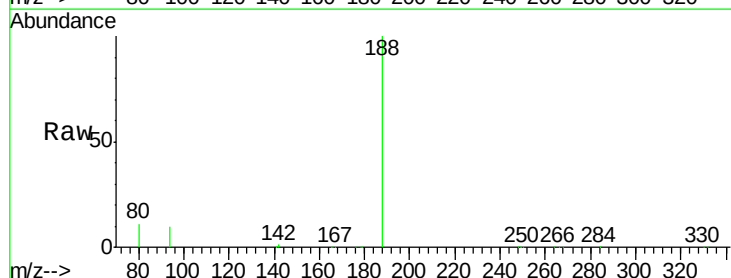
Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

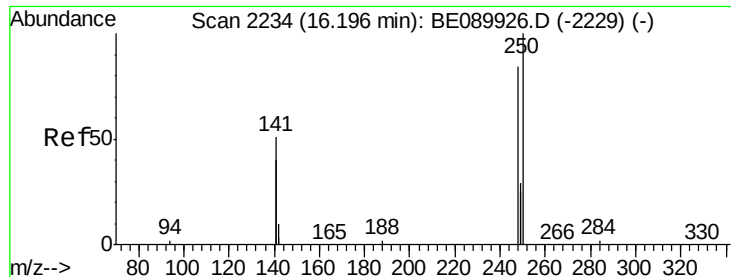
Tgt Ion:166 Resp: 104153
Ion Ratio Lower Upper
166 100
165 98.6 81.1 121.7
167 14.0 11.8 17.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:188 Resp: 164122
Ion Ratio Lower Upper
188 100
94 9.7 10.6 16.0#
80 10.7 11.8 17.6#

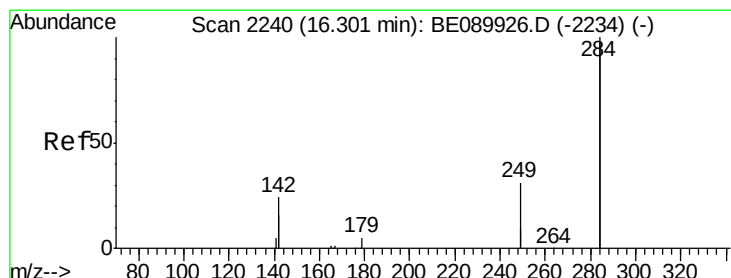
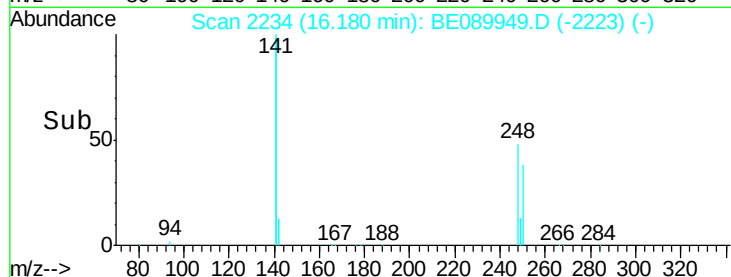
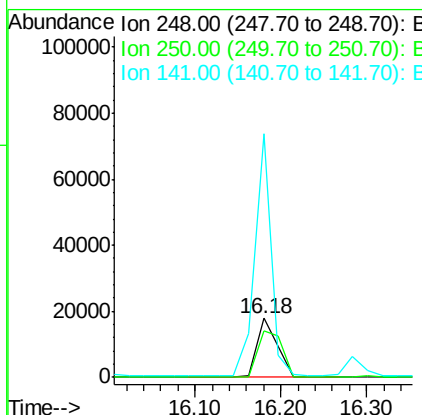
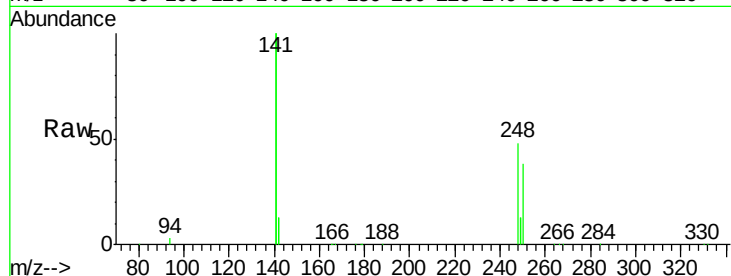




#19
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

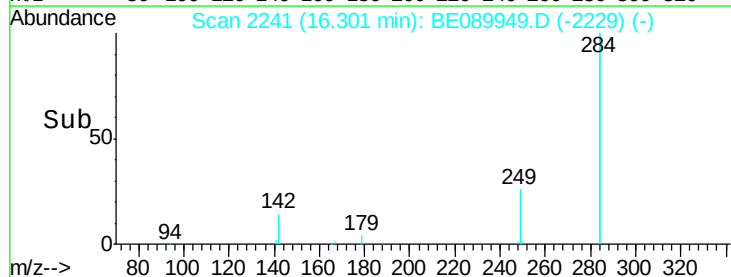
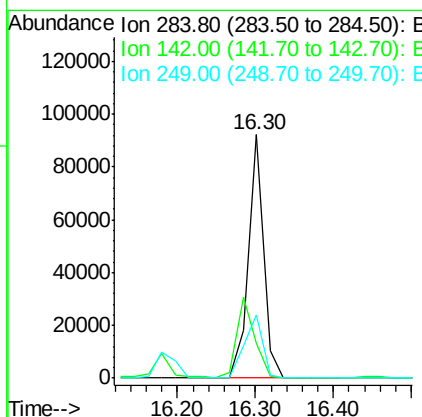
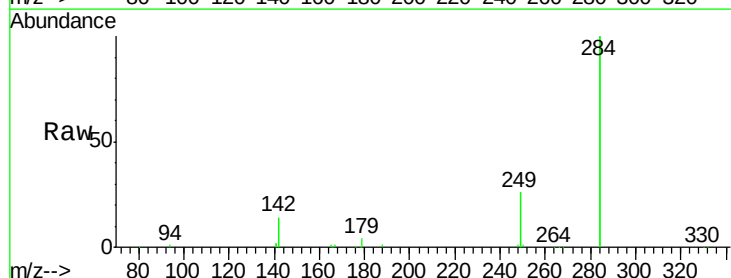
Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

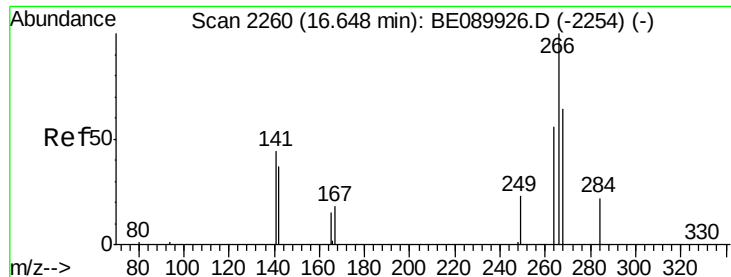
Tgt Ion:248 Resp: 29158
Ion Ratio Lower Upper
248 100
250 96.3 79.3 118.9
141 330.8 274.1 411.1



#20
Hexachlorobenzene
Concen: 4.29 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:284 Resp: 125792
Ion Ratio Lower Upper
284 100
142 37.8 32.0 48.0
249 31.1 25.0 37.6

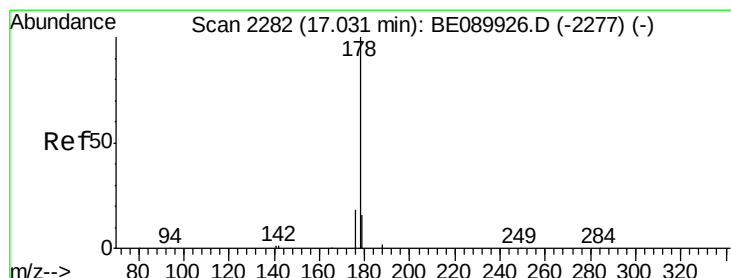
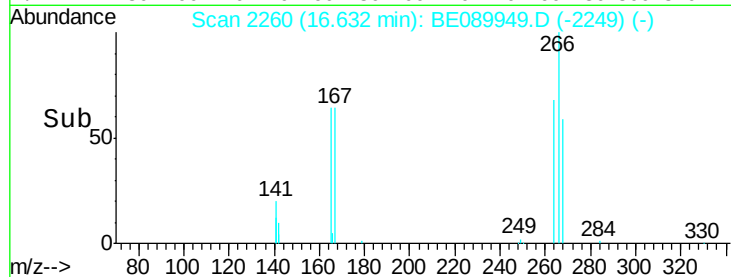
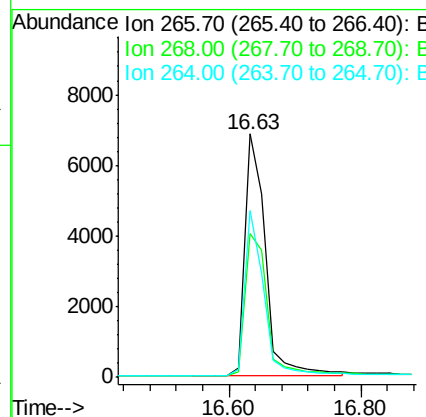
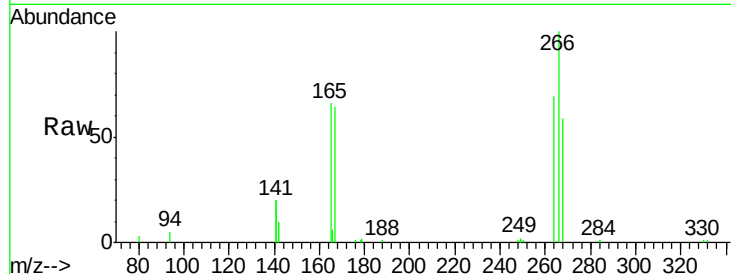




#21
 Pentachlorophenol
 Concen: 9.05 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BE089949.D
 Acq: 26 Jun 2015 18:58

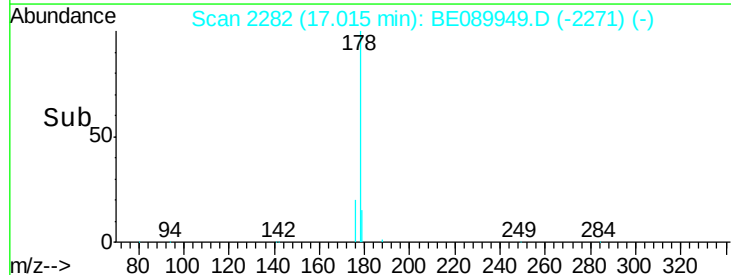
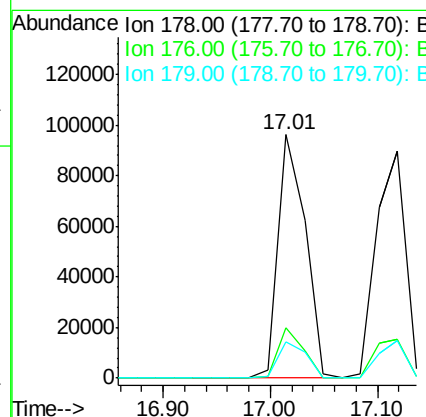
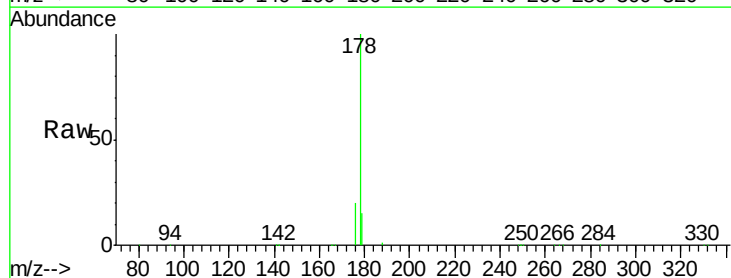
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MSD

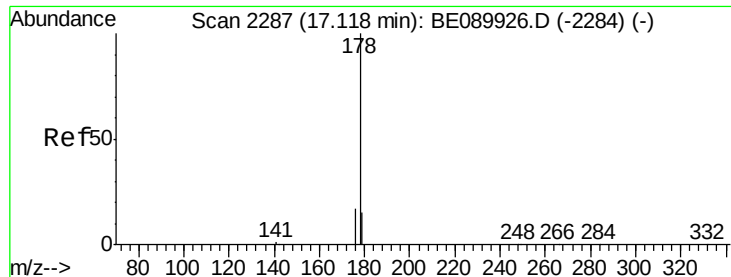
Tgt Ion: 266 Resp: 14664
 Ion Ratio Lower Upper
 266 100
 268 58.9 54.4 81.6
 264 68.6 48.2 72.2



#22
 Phenanthrene
 Concen: 4.15 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BE089949.D
 Acq: 26 Jun 2015 18:58

Tgt Ion: 178 Resp: 170758
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.4 12.6 19.0





#23

Anthracene

Concen: 4.45 ng

RT: 17.12 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

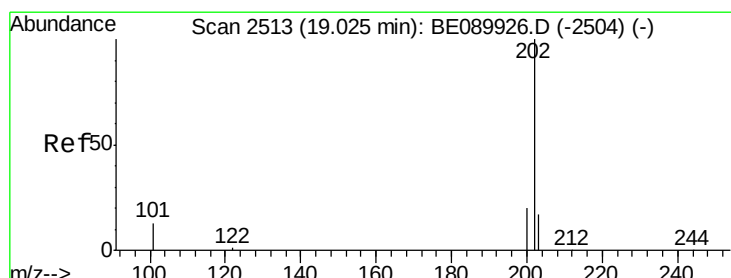
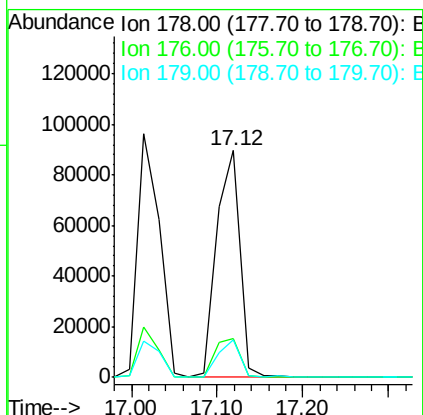
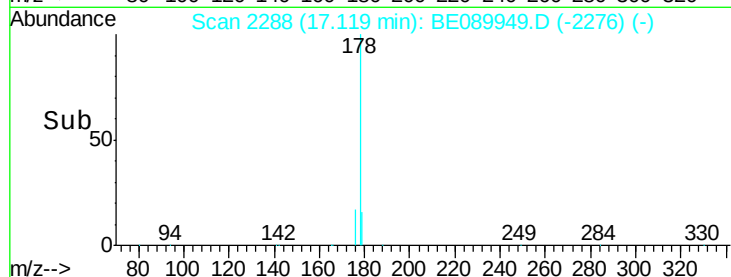
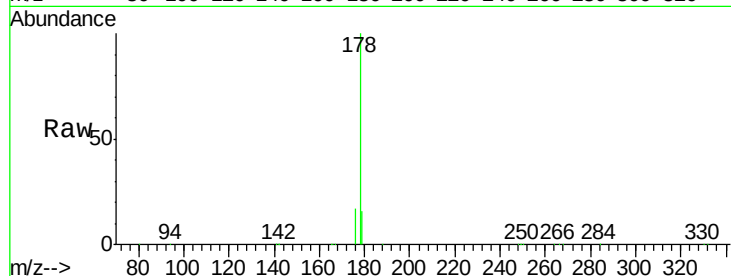
Tgt Ion:178 Resp: 170075

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.8 12.3 18.5



#24

Fluoranthene

Concen: 4.48 ng

RT: 19.03 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

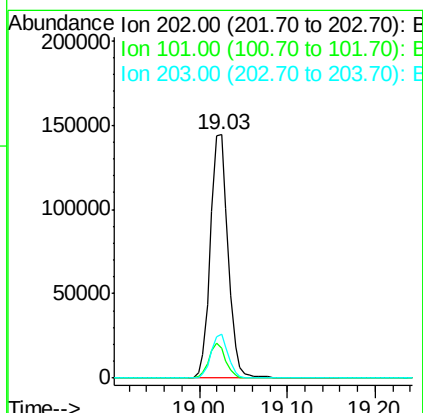
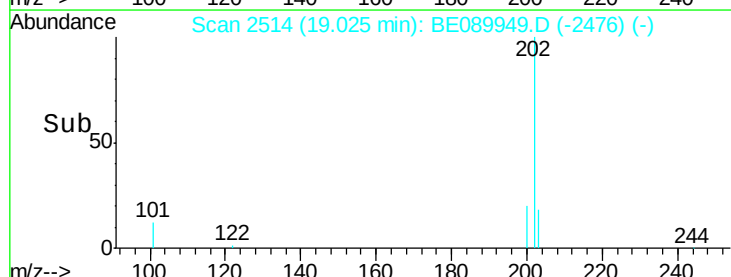
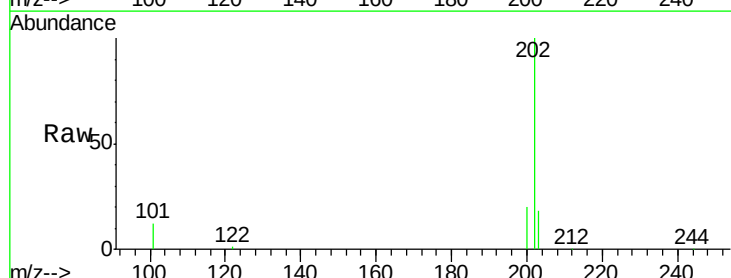
Tgt Ion:202 Resp: 200193

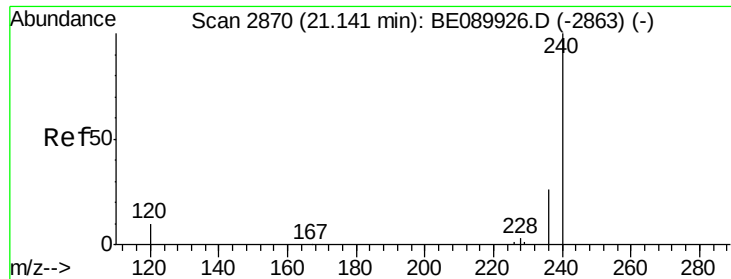
Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

203 17.5 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

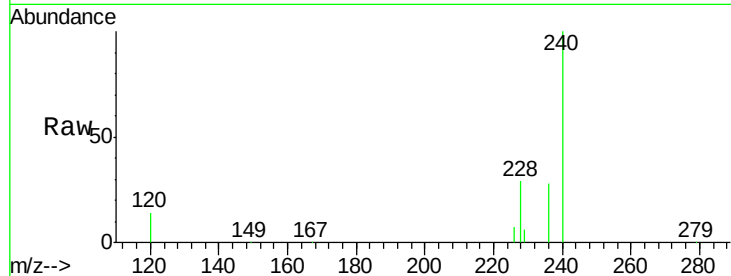
Tgt Ion:240 Resp: 185177

Ion Ratio Lower Upper

240 100

120 13.8 7.9 11.9#

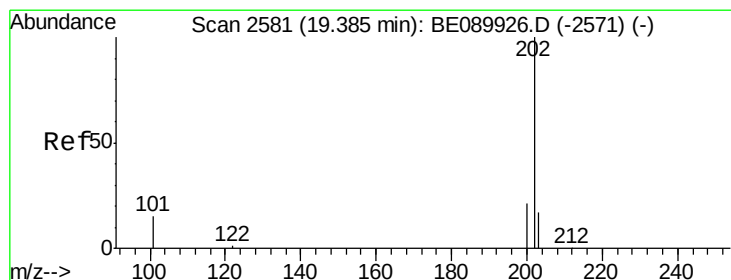
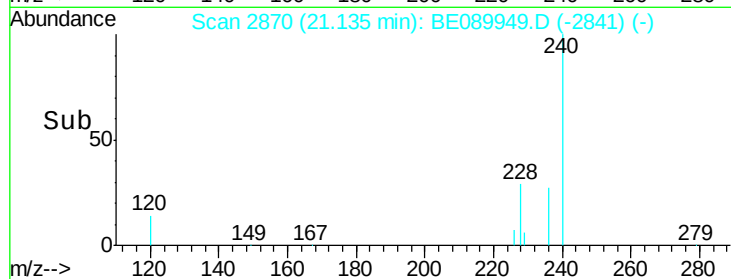
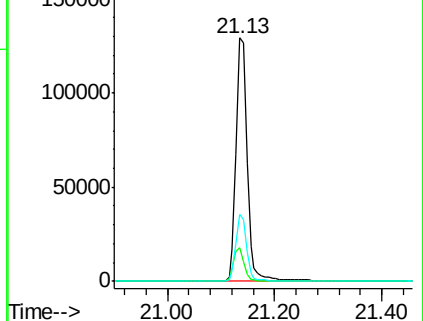
236 27.5 21.2 31.8



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



#26

Pyrene

Concen: 4.57 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

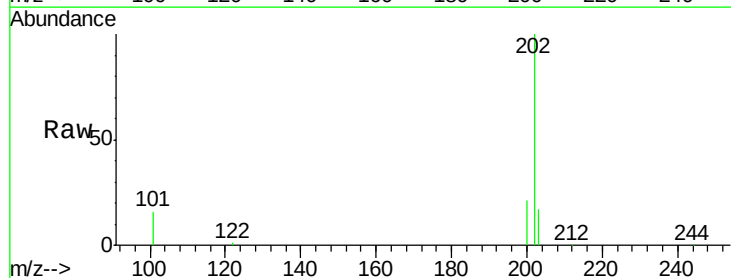
Tgt Ion:202 Resp: 214252

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

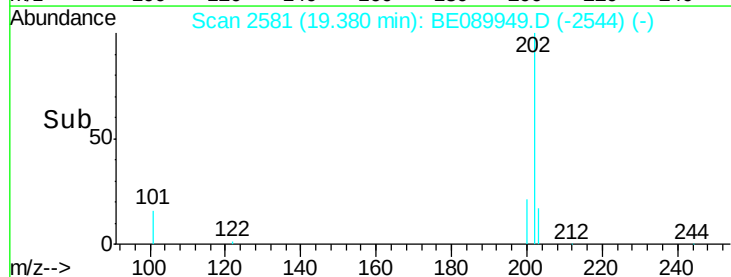
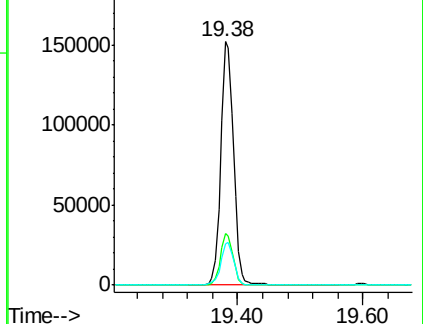
203 18.1 13.9 20.9

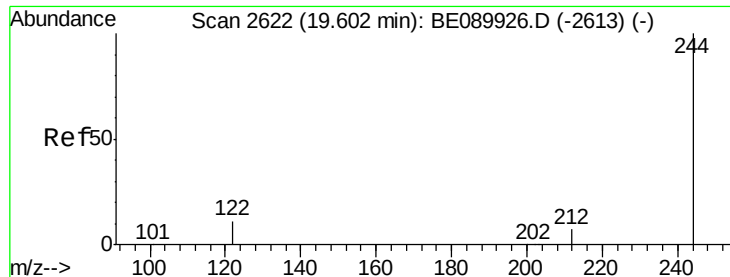


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

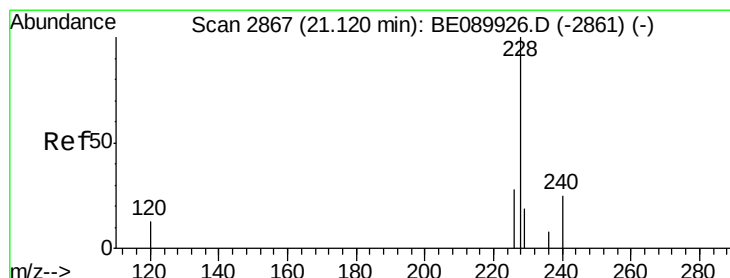
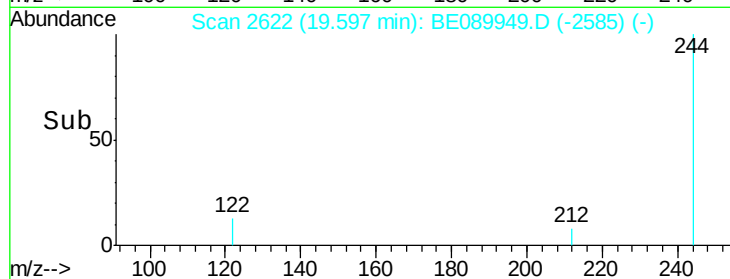
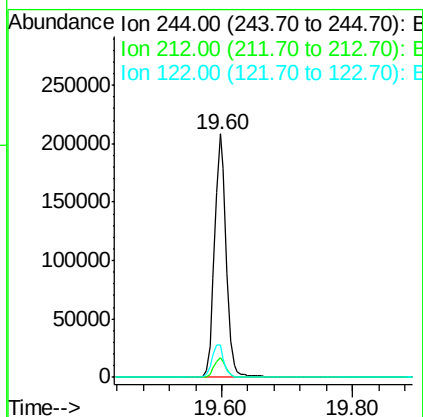
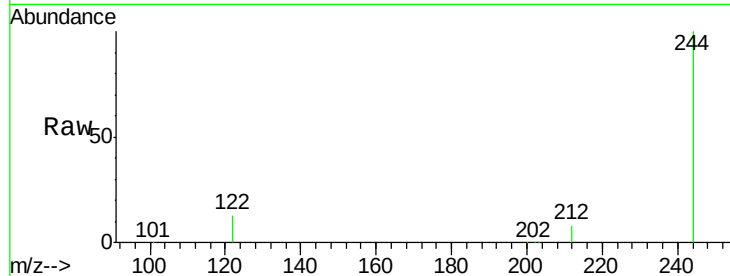




#27
 Terphenyl-d14
 Concen: 8.13 ng
 RT: 19.60 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BE089949.D
 Acq: 26 Jun 2015 18:58

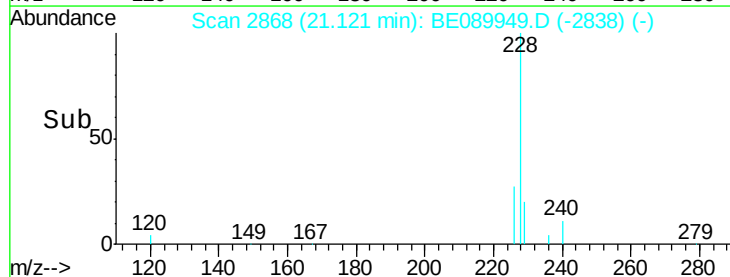
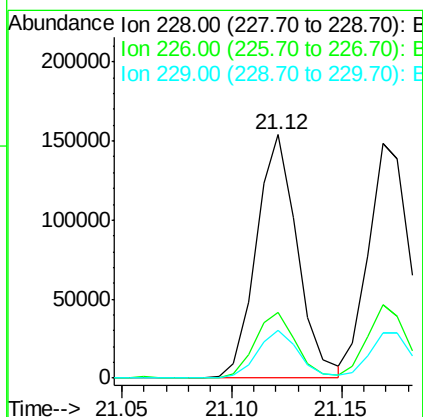
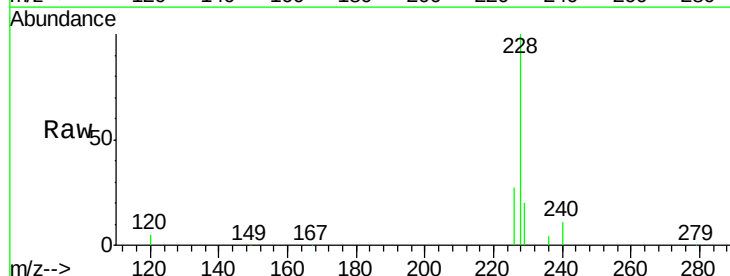
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624MSD

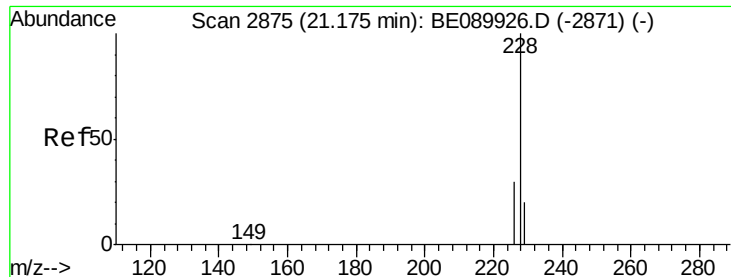
Tgt Ion: 244 Resp: 259925
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.1 9.1
 122 13.1 8.7 13.1#



#28
 Benzo(a)anthracene
 Concen: 4.54 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089949.D
 Acq: 26 Jun 2015 18:58

Tgt Ion: 228 Resp: 200859
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.2 33.4
 229 19.7 15.3 22.9





#29

Chrysene

Concen: 4.25 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

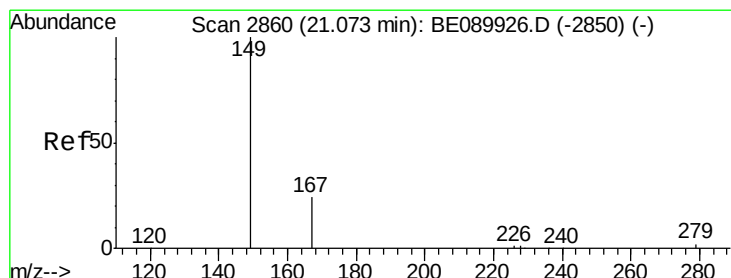
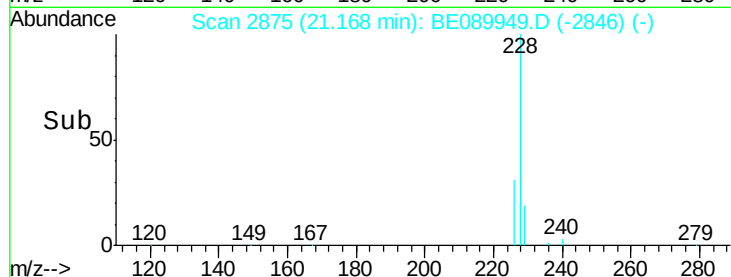
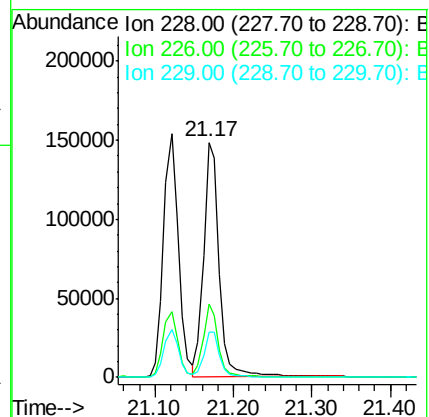
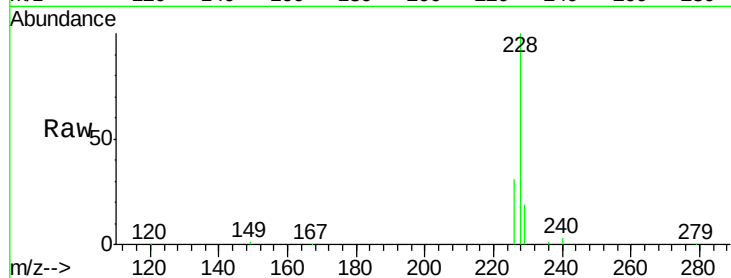
Tgt Ion: 228 Resp: 205676

Ion Ratio Lower Upper

228 100

226 31.4 23.7 35.5

229 19.5 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 8.50 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

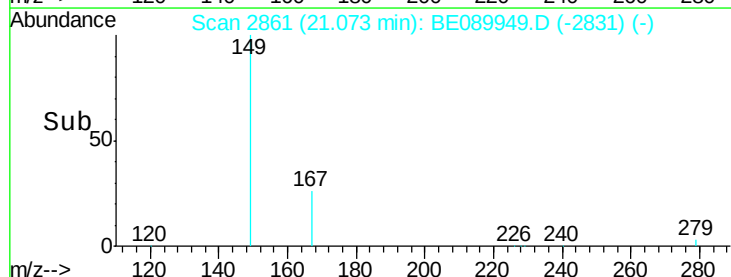
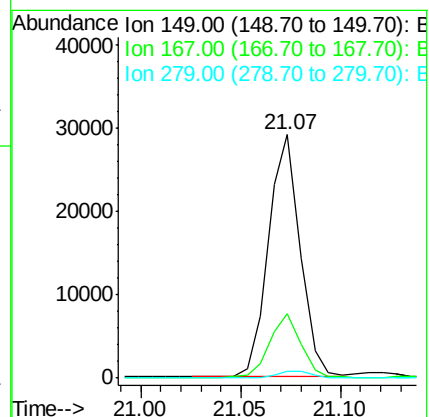
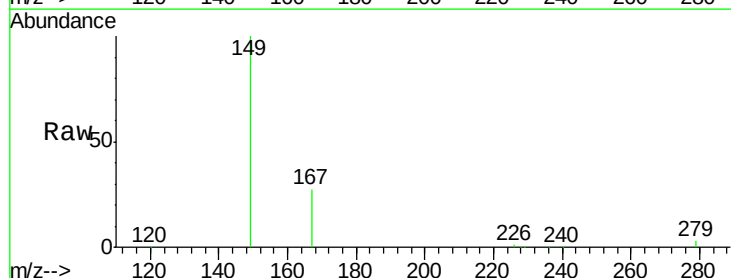
Tgt Ion: 149 Resp: 32067

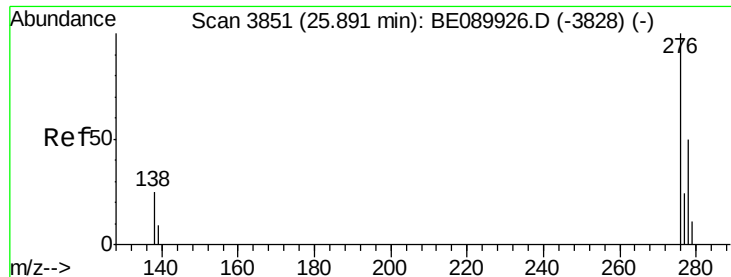
Ion Ratio Lower Upper

149 100

167 25.8 20.3 30.5

279 2.9 2.7 4.1





#31

Indeno(1,2,3-cd)pyrene

Concen: 5.21 ng

RT: 25.88 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

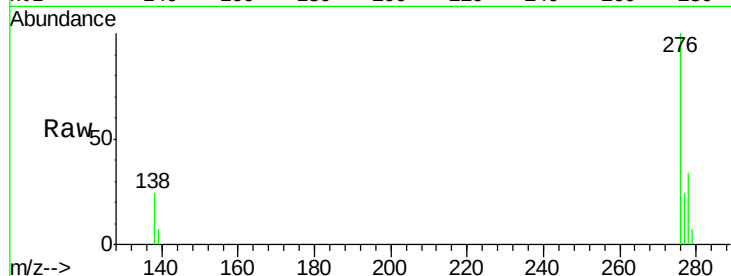
Tgt Ion:276 Resp: 185084

Ion Ratio Lower Upper

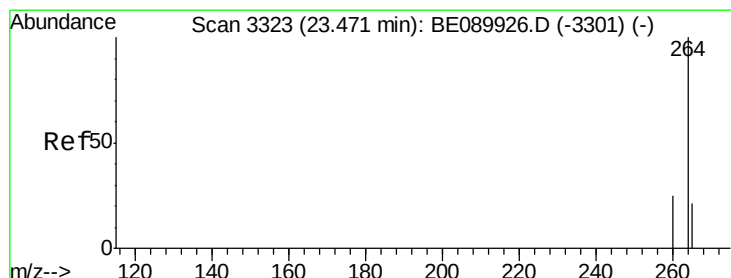
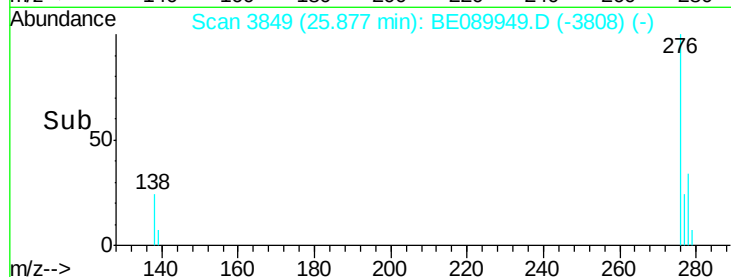
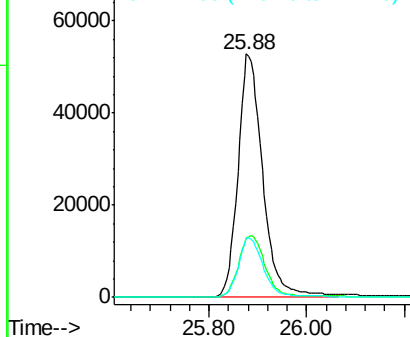
276 100

138 27.4 0.0 0.0#

277 24.9 0.0 0.0#



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 3323

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

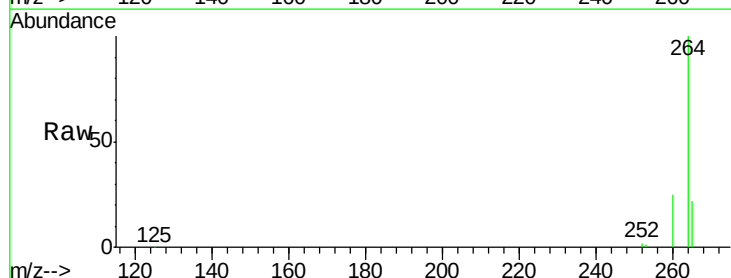
Tgt Ion:264 Resp: 163089

Ion Ratio Lower Upper

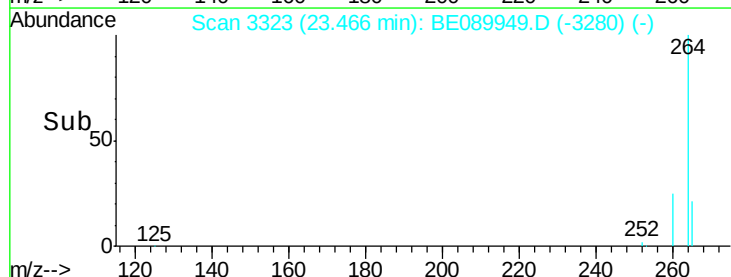
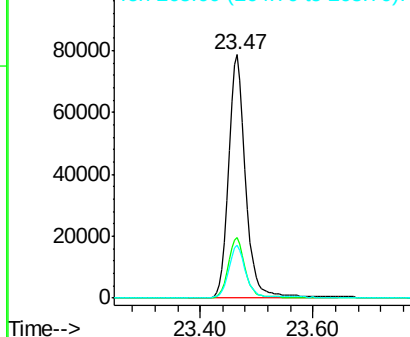
264 100

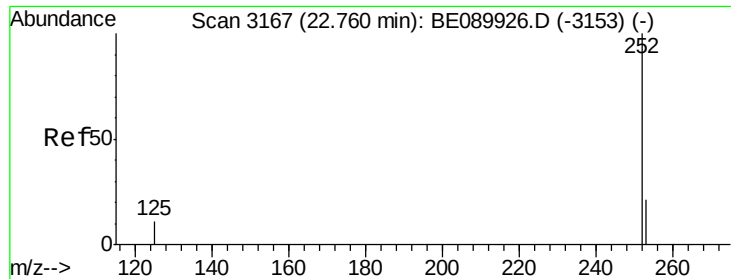
260 24.8 19.8 29.6

265 21.6 17.3 25.9



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





#33

Benzo(b)fluoranthene

Concen: 4.96 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

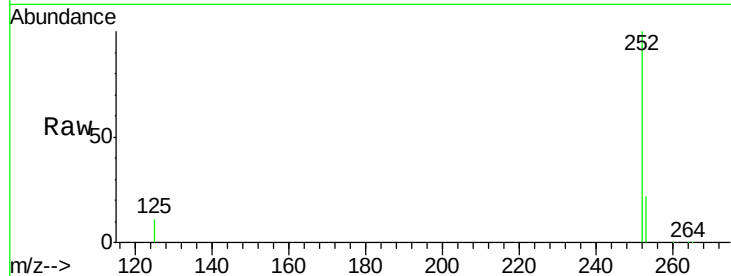
Tgt Ion:252 Resp: 171108

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

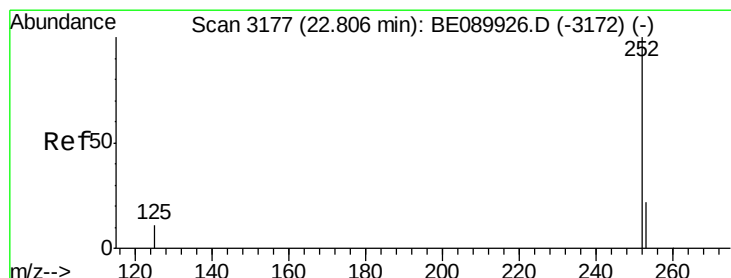
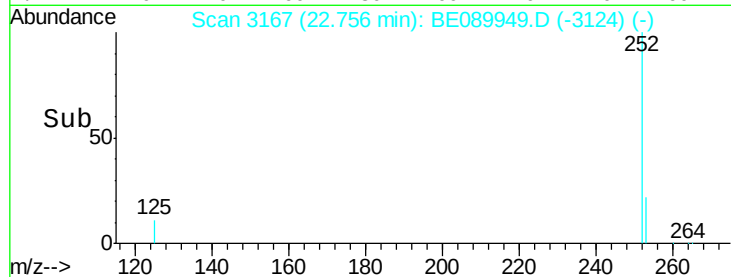
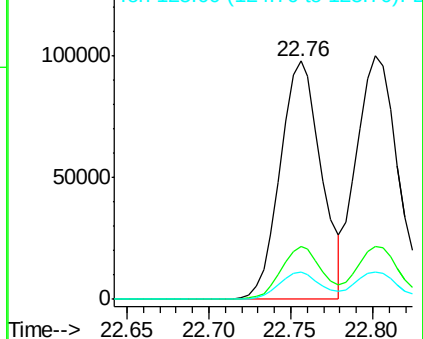
125 11.5 9.3 13.9



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(k)fluoranthene

Concen: 4.77 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

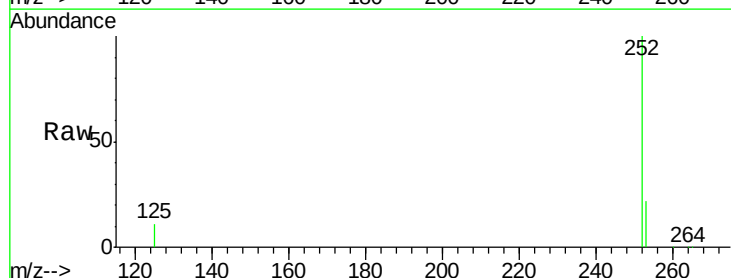
Tgt Ion:252 Resp: 186383

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

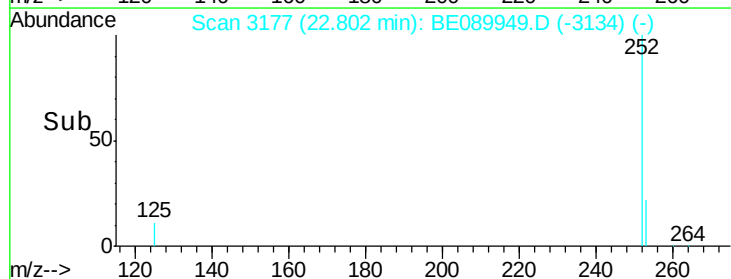
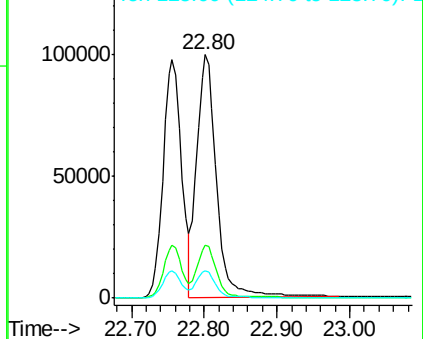
125 11.4 9.2 13.8

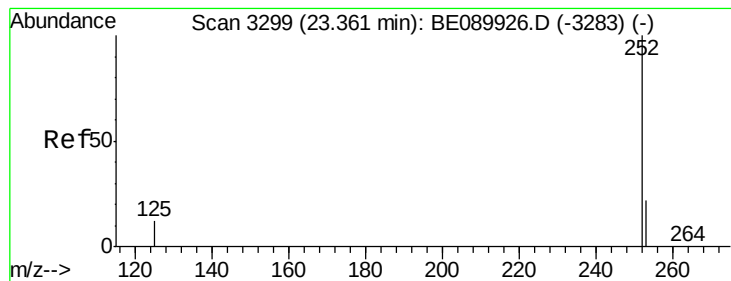


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 5.30 ng

RT: 23.36 min Scan# 3300

Delta R.T. 0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD

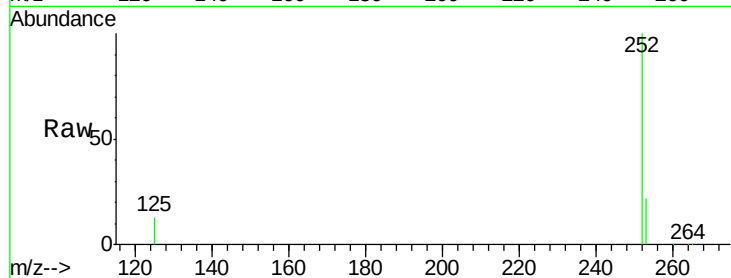
Tgt Ion: 252 Resp: 162579

Ion Ratio Lower Upper

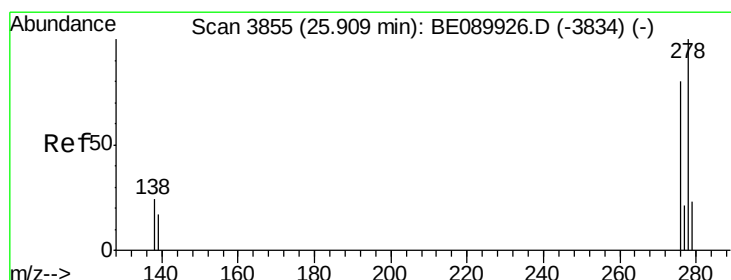
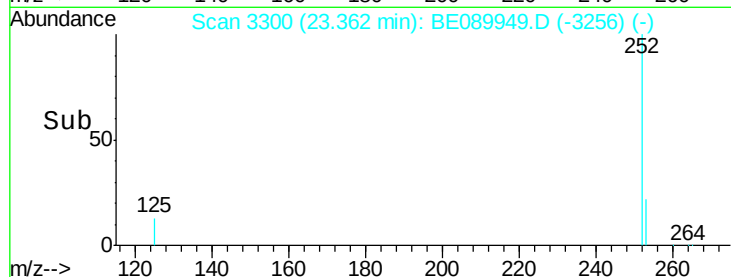
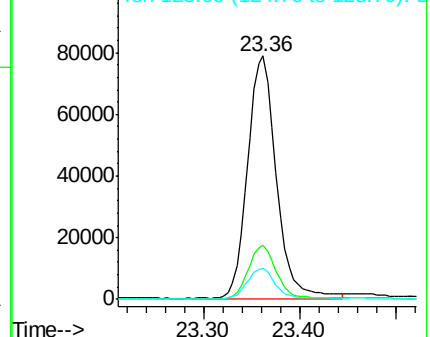
252 100

253 22.1 17.8 26.6

125 12.6 10.3 15.5



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

Dibenzo(a,h)anthracene

Concen: 5.30 ng

RT: 25.90 min Scan# 3855

Delta R.T. -0.00 min

Lab File: BE089949.D

Acq: 26 Jun 2015 18:58

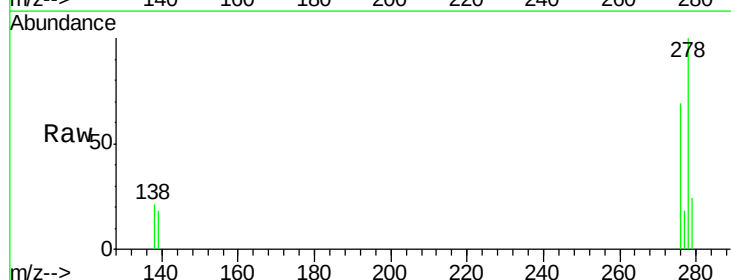
Tgt Ion: 278 Resp: 151246

Ion Ratio Lower Upper

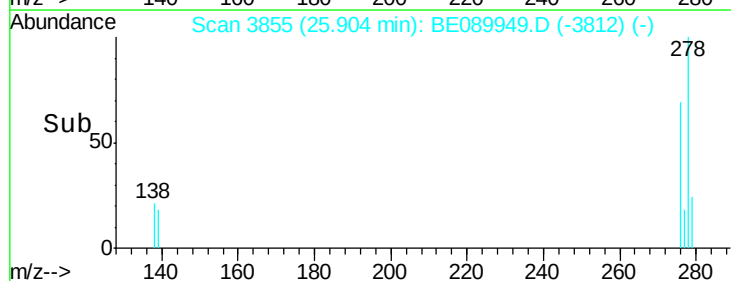
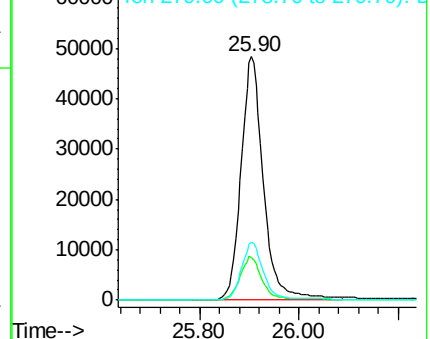
278 100

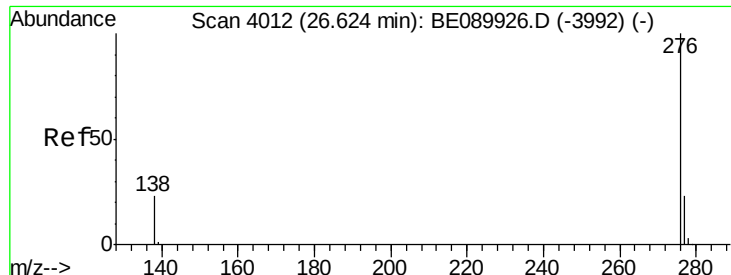
139 17.7 14.1 21.1

279 23.9 19.0 28.6



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





#37

Benzo(g,h,i)perylene

Concen: 5.13 ng

RT: 26.62 min Scan# 4013

Delta R.T. -0.00 min

Lab File: BE089949.D

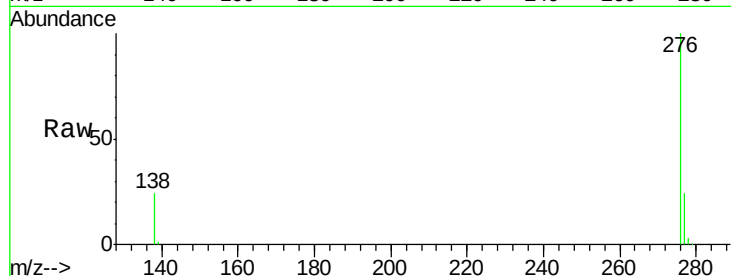
Acq: 26 Jun 2015 18:58

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624MSD



Tgt Ion: 276 Resp: 157325

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 23.6 18.8 28.2

