

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
 Data File : BE089931.D
 Acq On : 24 Jun 2015 1:35
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICV001

Quant Time: Jun 24 09:30:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 09:11:03 2015
 Response via : Initial Calibration

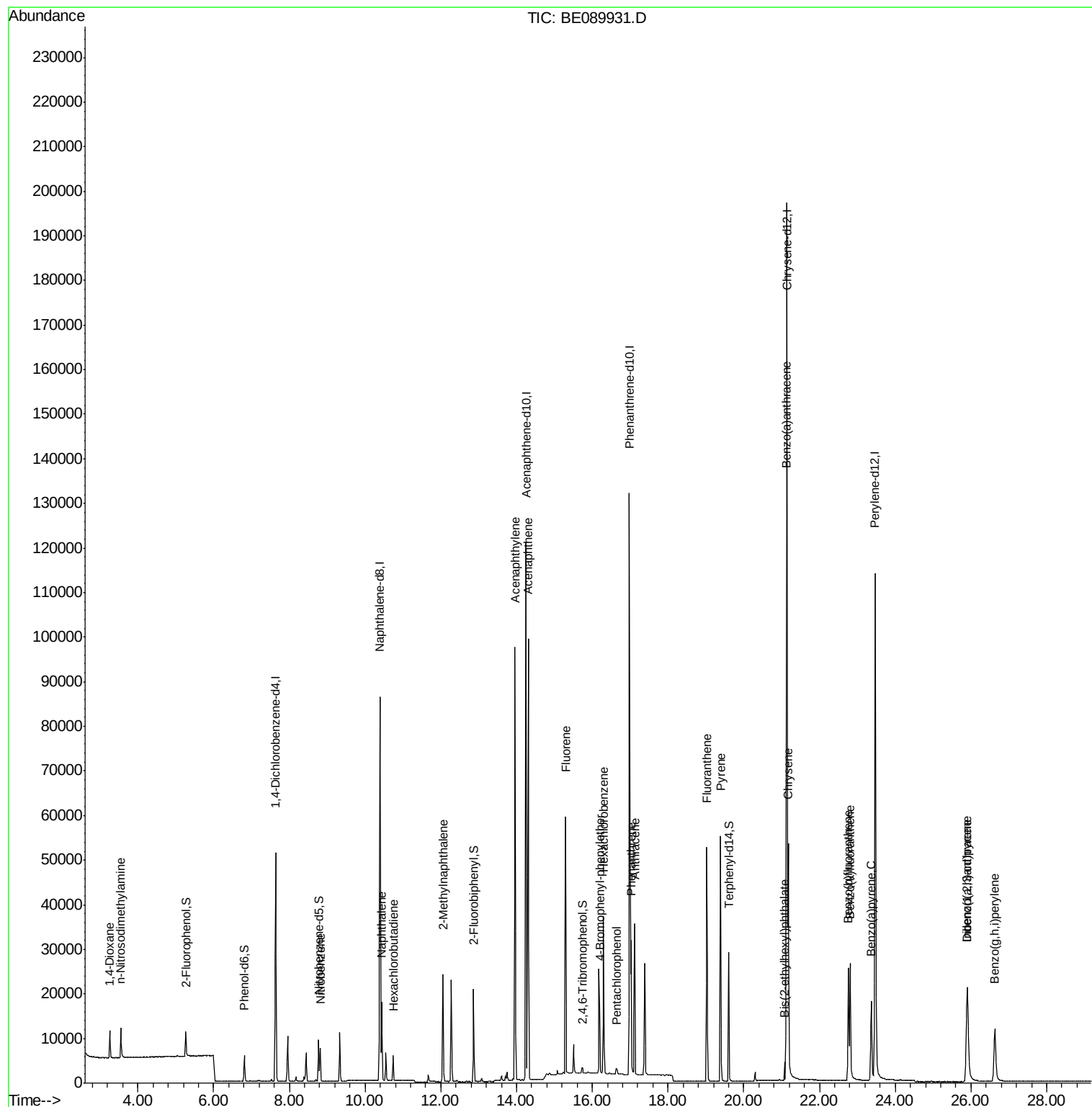
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	24356	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	109367	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	68129	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	165941	5.00	ng	0.00
25) Chrysene-d12	21.14	240	185432	5.00	ng	0.00
32) Perylene-d12	23.47	264	160762	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	3931	0.72	ng	0.00
5) Phenol-d6	6.81	99	6094	0.85	ng	0.00
7) Nitrobenzene-d5	8.77	82	7736	0.92	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	686	0.35	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	19361	0.82	ng	0.00
27) Terphenyl-d14	19.60	244	31893	1.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3122	1.13	ng	98
3) n-Nitrosodimethylamine	3.55	42	4307	1.02	ng	# 92
8) Nitrobenzene	8.82	77	8242	0.91	ng	100
9) Naphthalene	10.44	128	23956	0.91	ng	100
10) Hexachlorobutadiene	10.74	225	3816	0.87	ng	99
11) 2-Methylnaphthalene	12.05	142	16160	0.96	ng	99
15) Acenaphthylene	13.96	152	116608	2.76	ng	100
16) Acenaphthene	14.30	154	16945	0.85	ng	96
17) Fluorene	15.29	166	23124	1.30	ng	99
19) 4-Bromophenyl-phenylether	16.20	248	6621	0.98	ng	97
20) Hexachlorobenzene	16.30	284	29832	3.79	ng	100
21) Pentachlorophenol	16.65	266	879	0.46	ng	96
22) Phenanthrene	17.03	178	40753	0.74	ng	100
23) Anthracene	17.12	178	38145	1.50	ng	99
24) Fluoranthene	19.02	202	44944	1.22	ng	100
26) Pyrene	19.38	202	46354	0.74	ng	100
28) Benzo(a)anthracene	21.12	228	42433	0.78	ng	99
29) Chrysene	21.18	228	47277	0.83	ng	99
30) Bis(2-ethylhexyl)phthalate	21.07	149	3439	0.12	ng	99
31) Indeno(1,2,3-cd)pyrene	25.89	276	33947	0.63	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	33224	0.66	ng	99
34) Benzo(k)fluoranthene	22.80	252	38754	0.84	ng	99
35) Benzo(a)pyrene	23.36	252	29168	0.69	ng	99
36) Dibenzo(a,h)anthracene	25.91	278	27265	0.65	ng	99
37) Benzo(g,h,i)perylene	26.63	276	29084	0.66	ng	100

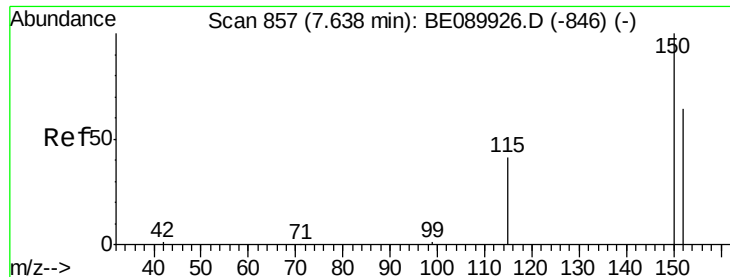
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.64 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

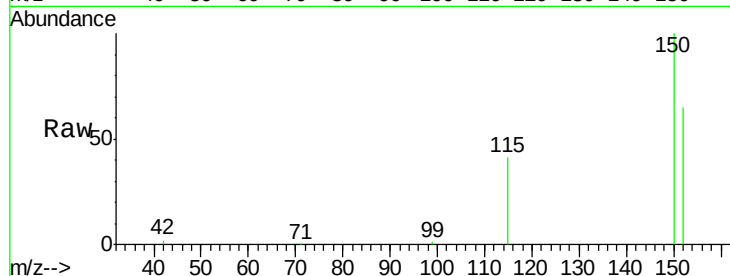
Tgt Ion:152 Resp: 24356

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

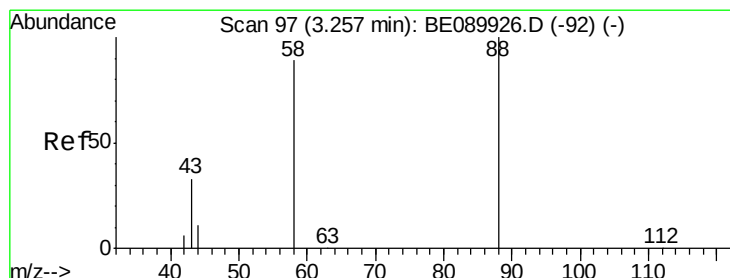
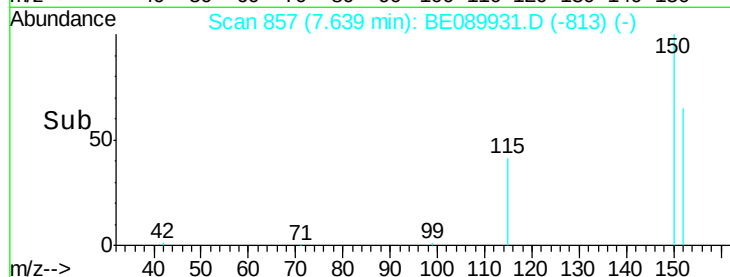
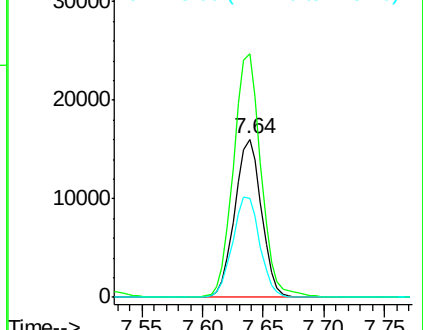
115 62.8 51.6 77.4



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: 1.13 ng

RT: 3.26 min Scan# 97

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

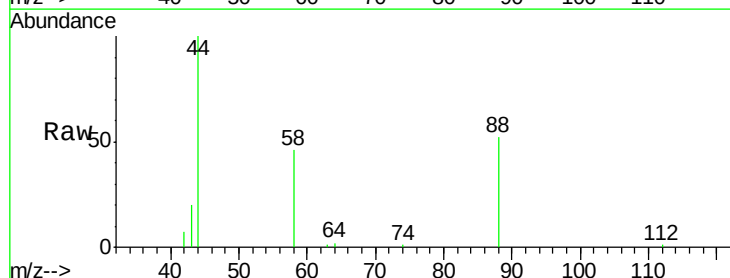
Tgt Ion: 88 Resp: 3122

Ion Ratio Lower Upper

88 100

58 88.8 70.8 106.2

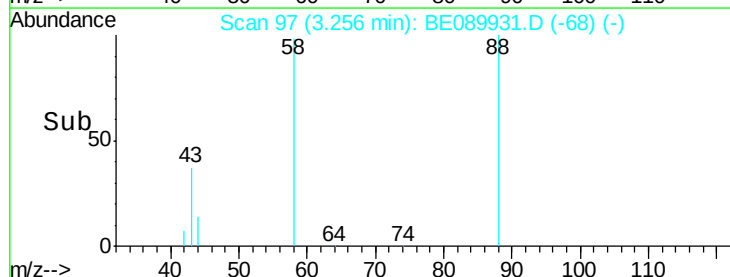
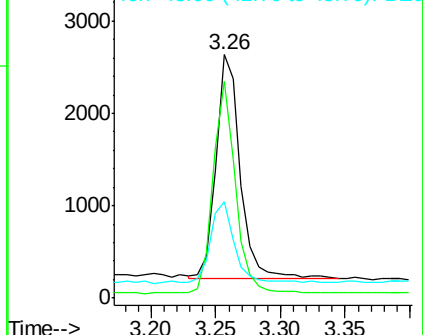
43 37.4 26.8 40.2

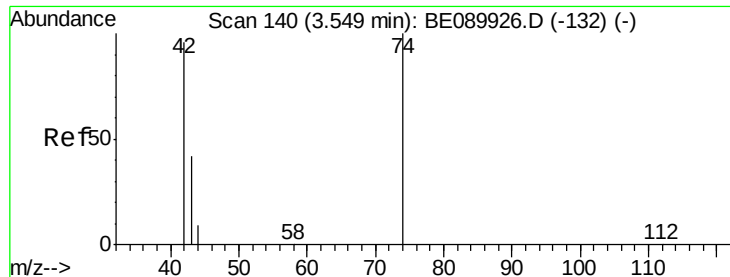


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.02 ng

RT: 3.55 min Scan# 140

Delta R.T. -0.00 min

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Instrument :

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SSTDICV001

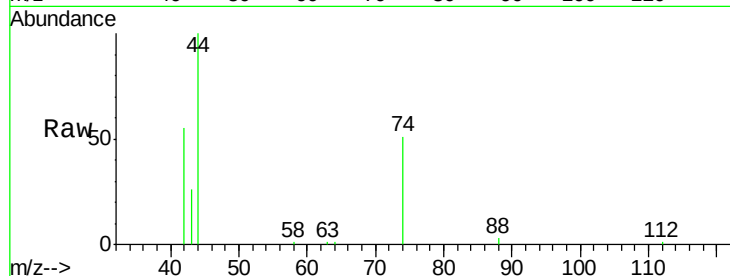
Tgt Ion: 42 Resp: 4307

Ion Ratio Lower Upper

42 100

74 99.2 85.4 128.2

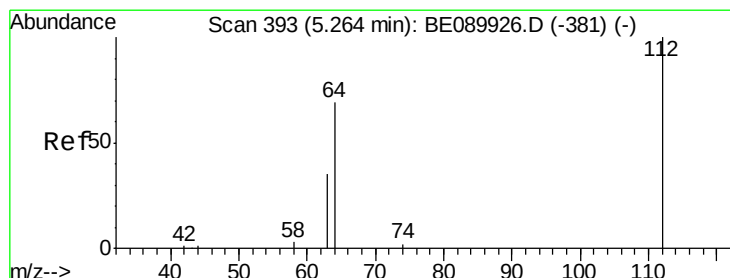
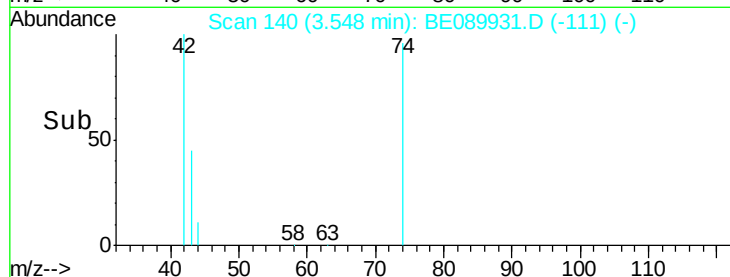
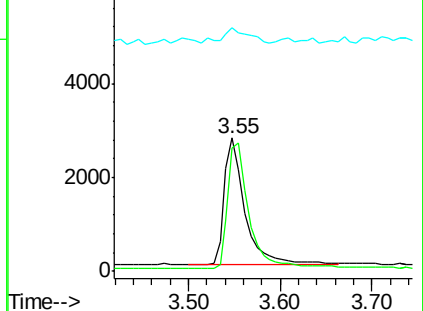
44 14.0 8.4 12.6#



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: 0.72 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

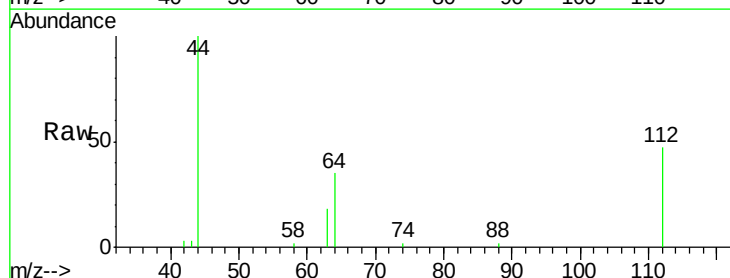
Tgt Ion: 112 Resp: 3931

Ion Ratio Lower Upper

112 100

64 70.3 57.4 86.2

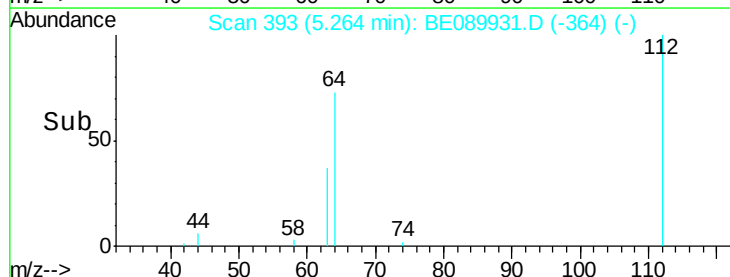
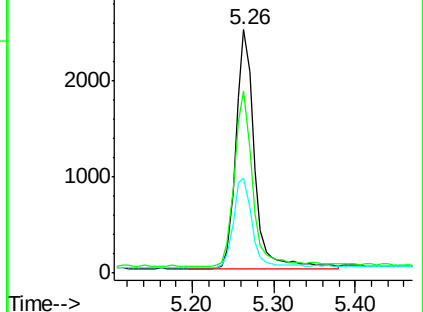
63 37.9 31.2 46.8

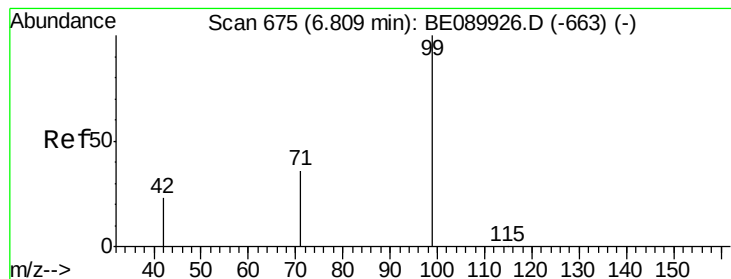


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.85 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

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ClientSampleId :

SSTDICV001

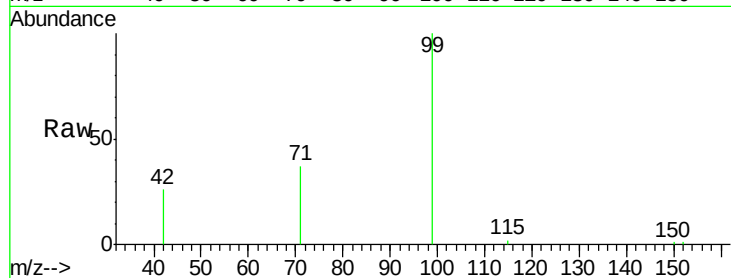
Tgt Ion: 99 Resp: 6094

Ion Ratio Lower Upper

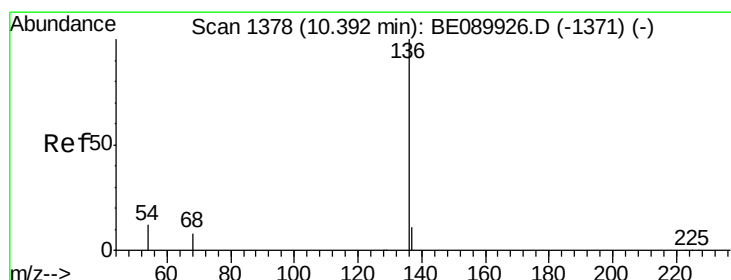
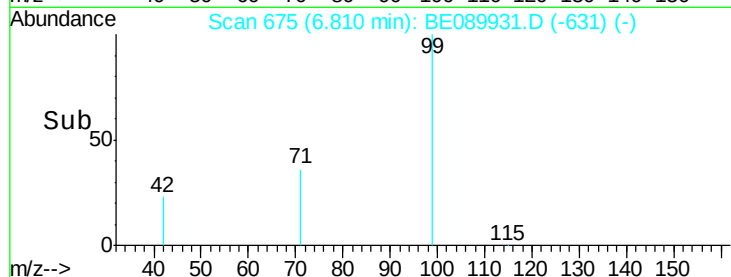
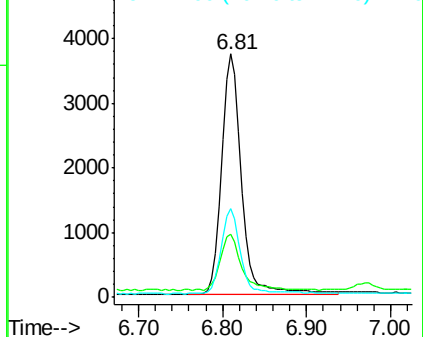
99 100

42 24.7 19.5 29.3

71 34.4 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: BE089931.D

Acq: 24 Jun 2015 1:35

Tgt Ion: 136 Resp: 109367

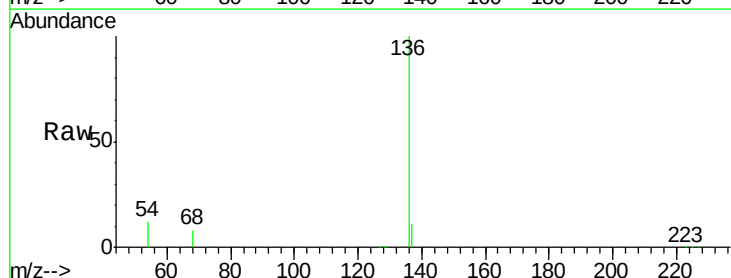
Ion Ratio Lower Upper

136 100

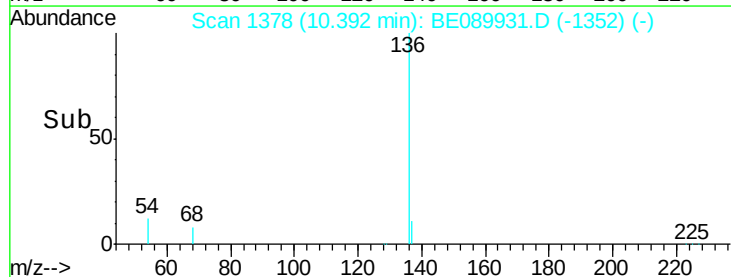
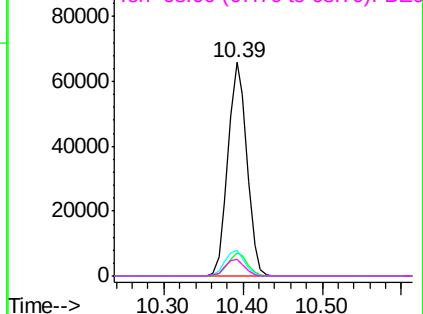
137 10.9 8.7 13.1

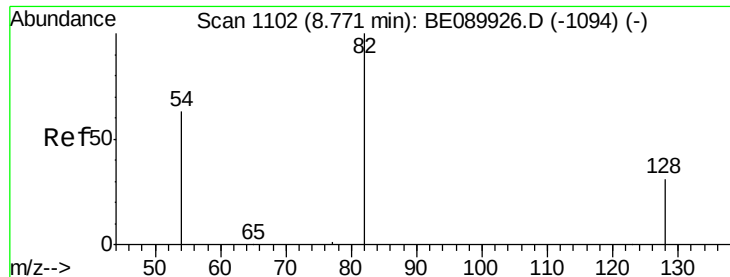
54 12.0 9.7 14.5

68 8.0 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: 0.92 ng

RT: 8.77 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

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SSTDICV001

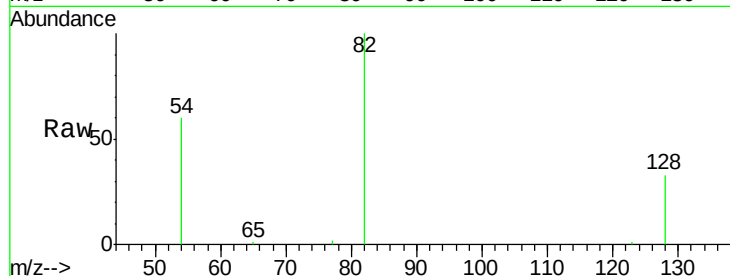
Tgt Ion: 82 Resp: 7736

Ion Ratio Lower Upper

82 100

128 33.3 25.6 38.4

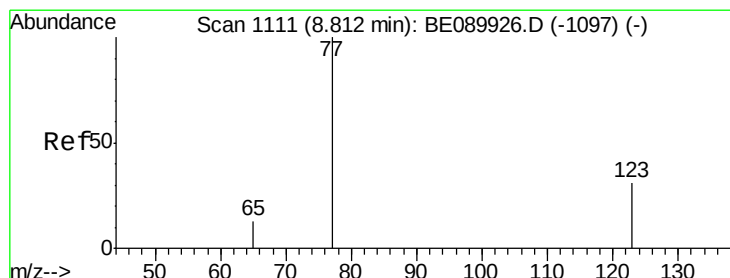
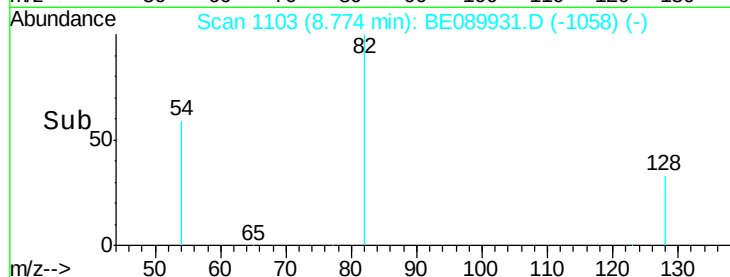
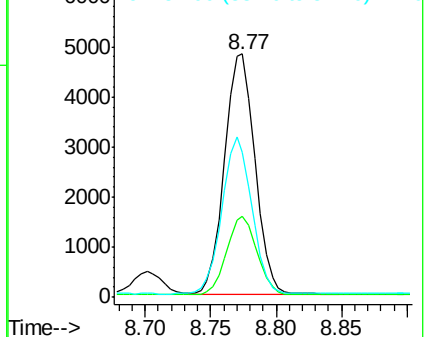
54 59.6 51.2 76.8



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: 0.91 ng

RT: 8.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

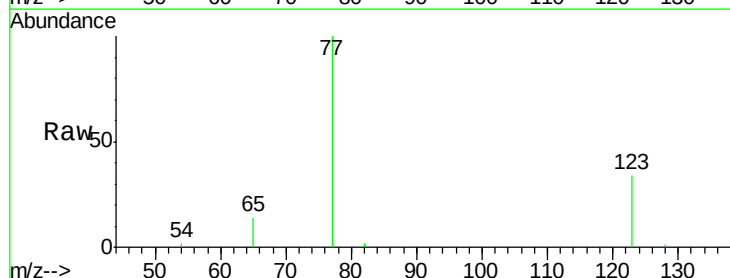
Tgt Ion: 77 Resp: 8242

Ion Ratio Lower Upper

77 100

123 32.9 26.6 39.8

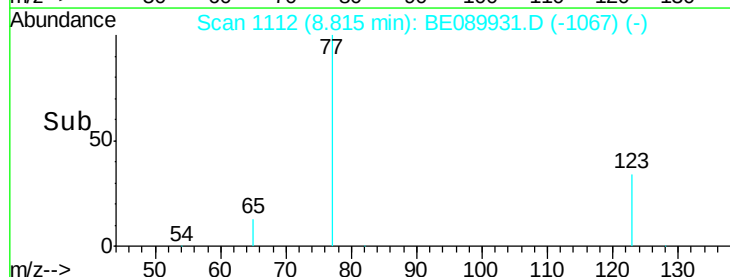
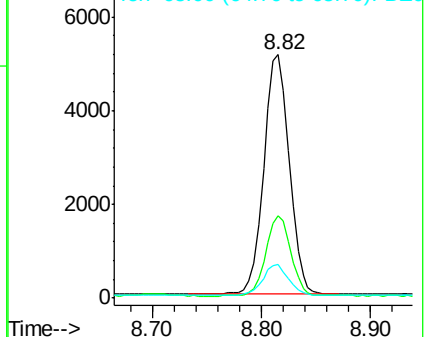
65 13.0 10.2 15.4

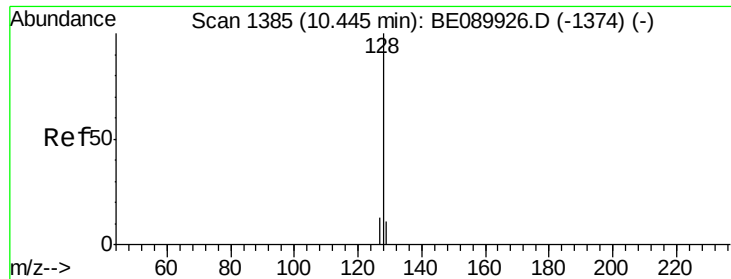


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.91 ng

RT: 10.44 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

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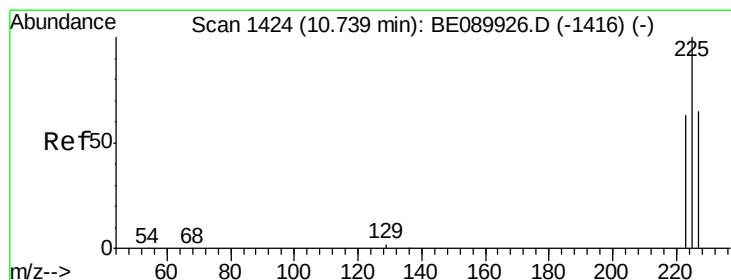
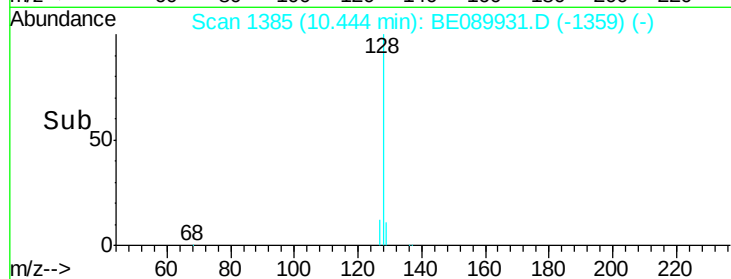
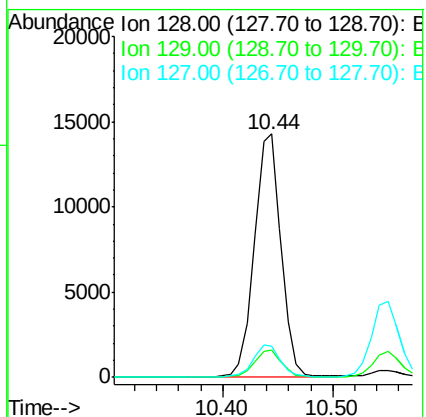
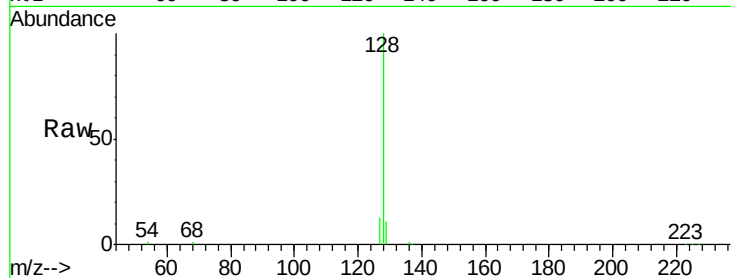
Tgt Ion:128 Resp: 23956

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 12.7 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.87 ng

RT: 10.74 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

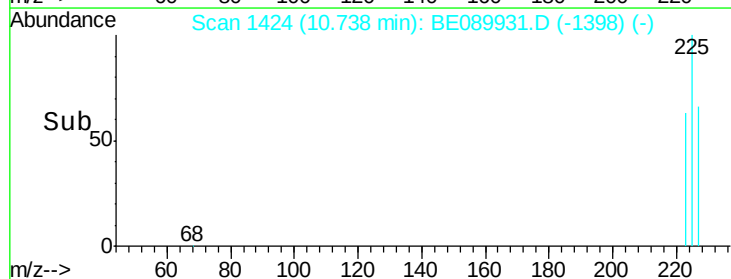
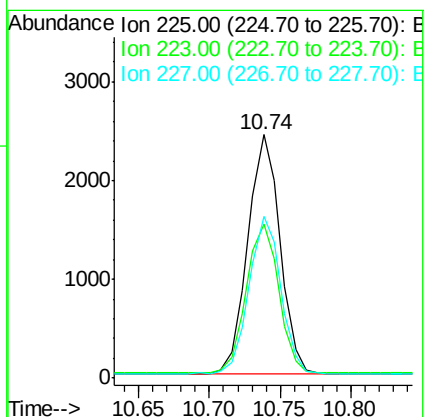
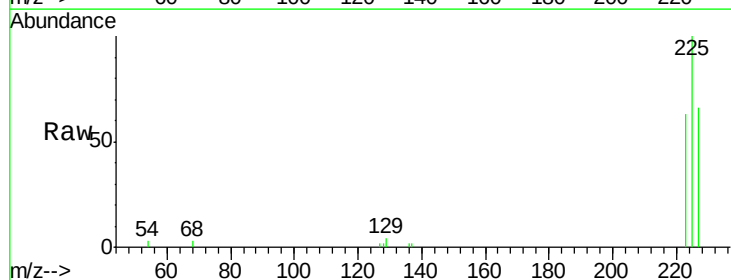
Tgt Ion:225 Resp: 3816

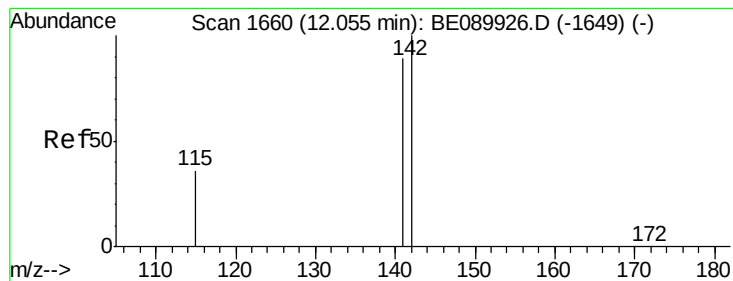
Ion Ratio Lower Upper

225 100

223 63.0 50.0 75.0

227 64.6 50.7 76.1





#11

2-Methylnaphthalene

Concen: 0.96 ng

RT: 12.05 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

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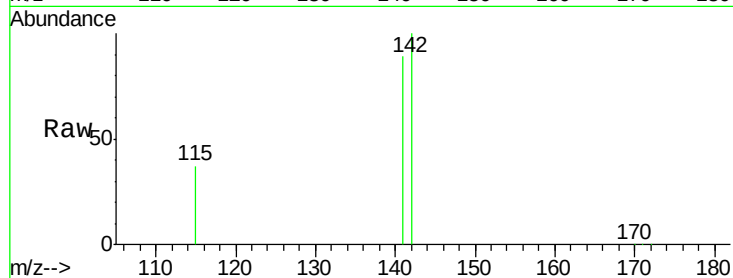
Tgt Ion:142 Resp: 16160

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7

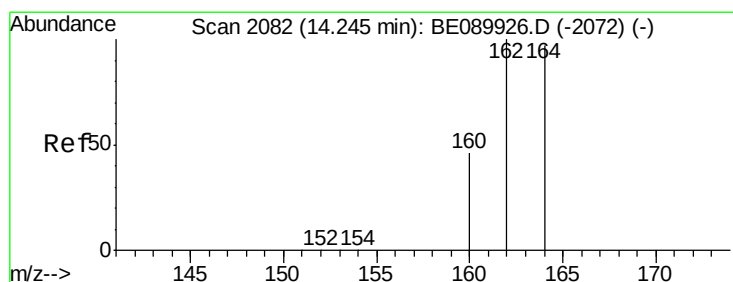
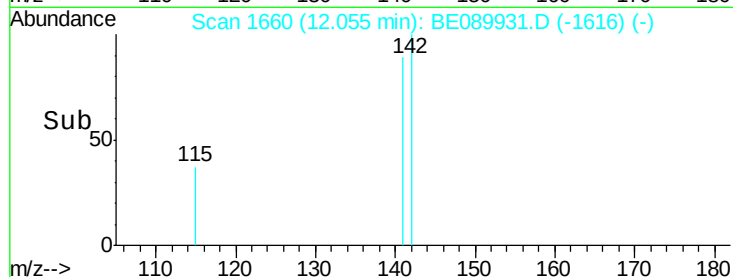
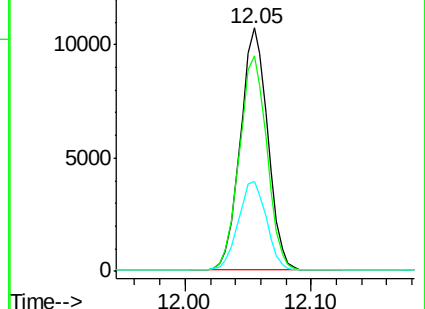
115 37.2 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

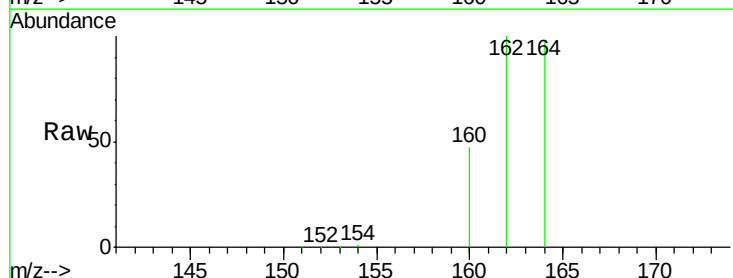
Tgt Ion:164 Resp: 68129

Ion Ratio Lower Upper

164 100

162 102.3 82.7 124.1

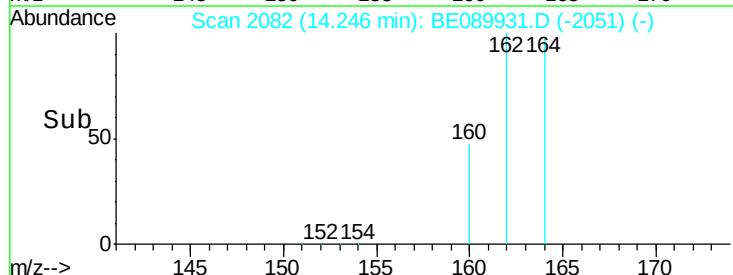
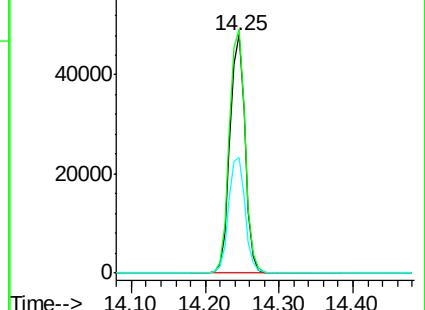
160 48.5 38.3 57.5

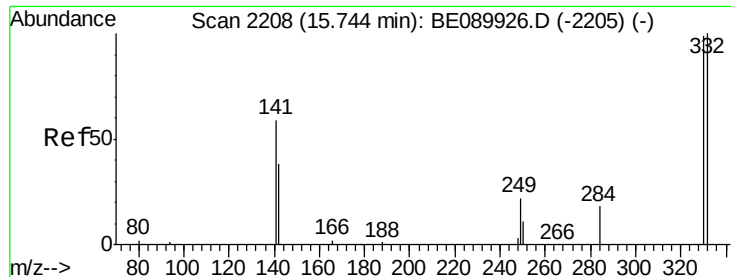


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

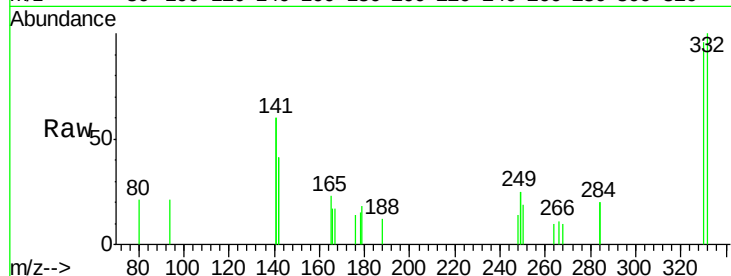




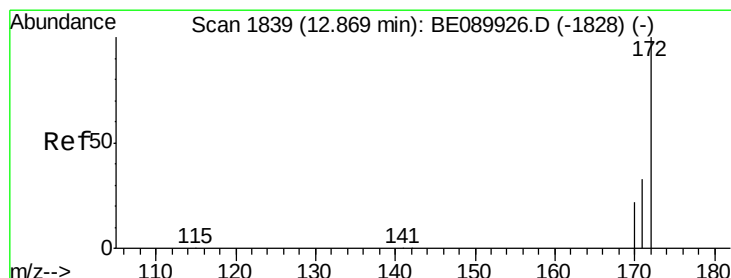
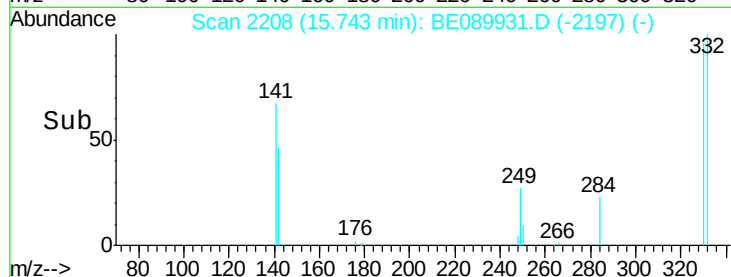
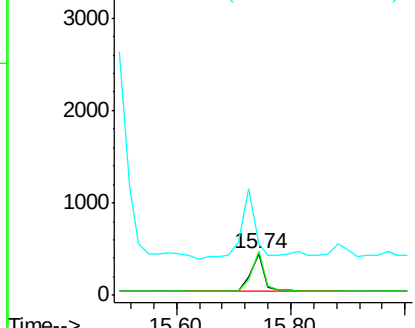
#13
 2,4,6-Tribromophenol
 Concen: 0.35 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICV001

Tgt Ion: 330 Resp: 686
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.9 116.9
 141 190.2 142.8 214.2

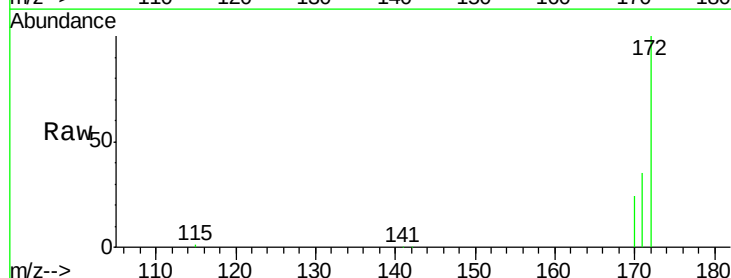


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

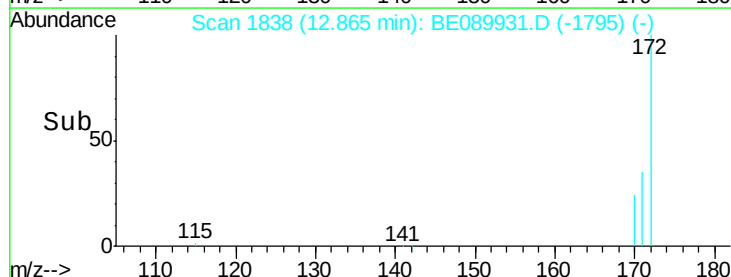
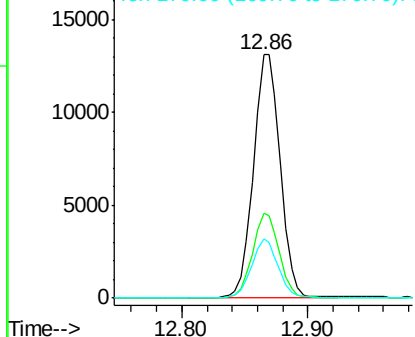


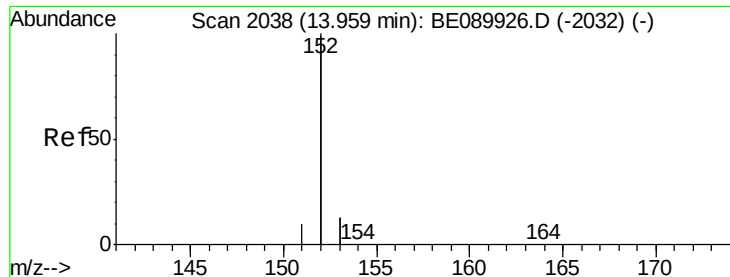
#14
 2-Fluorobiphenyl
 Concen: 0.82 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

Tgt Ion: 172 Resp: 19361
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.7 40.1
 170 24.1 17.5 26.3



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: 2.76 ng

RT: 13.96 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

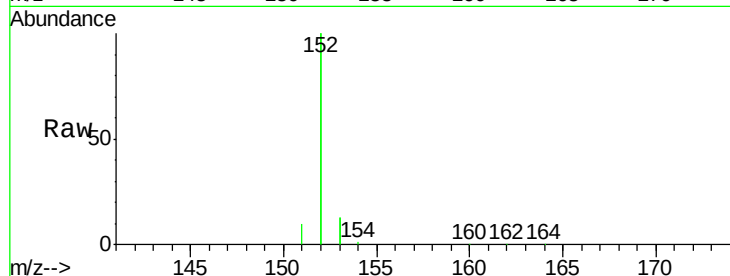
Tgt Ion:152 Resp: 116608

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

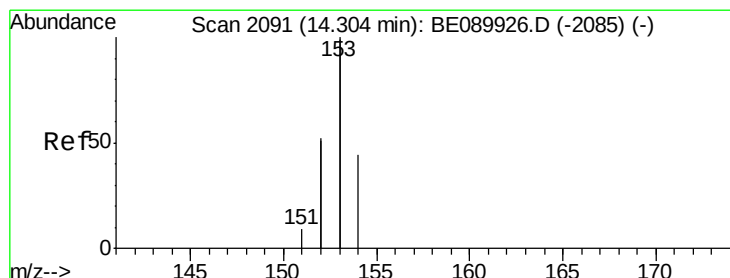
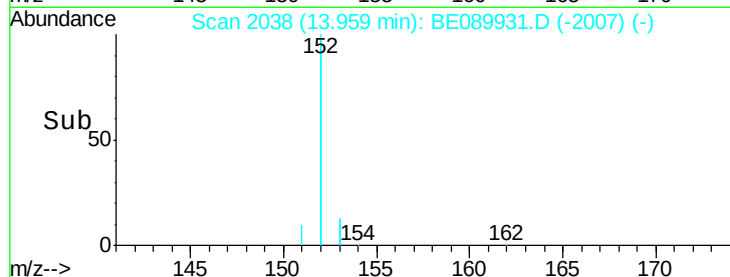
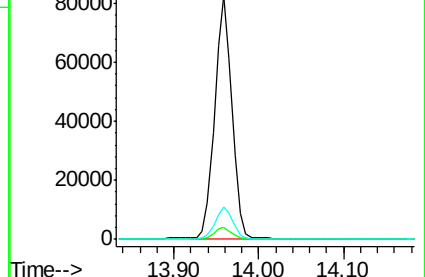
153 13.0 10.4 15.6



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: 0.85 ng

RT: 14.30 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

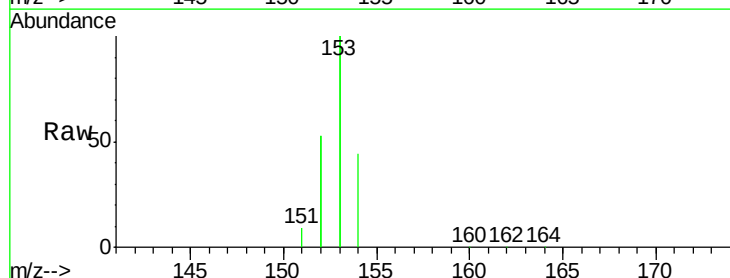
Tgt Ion:154 Resp: 16945

Ion Ratio Lower Upper

154 100

153 460.7 362.8 544.2

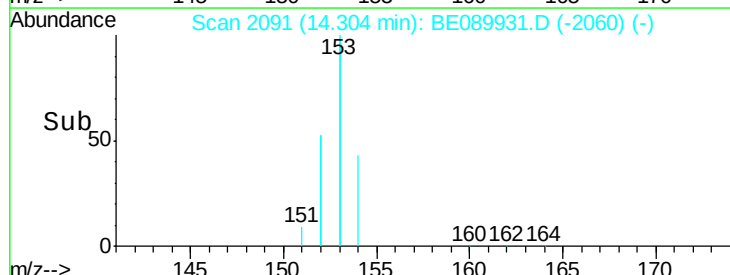
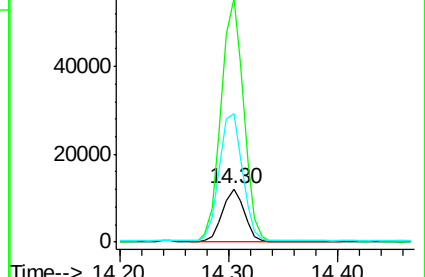
152 252.1 194.6 291.8

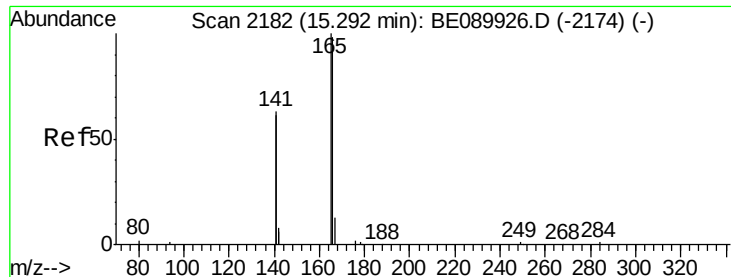


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

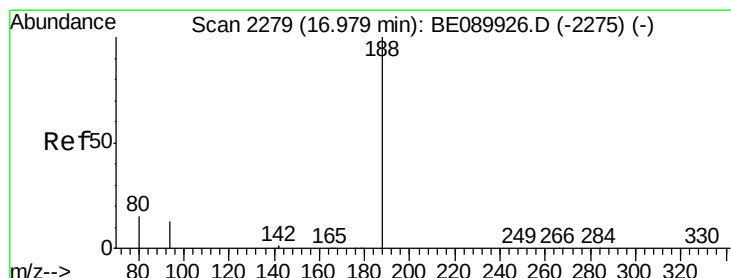
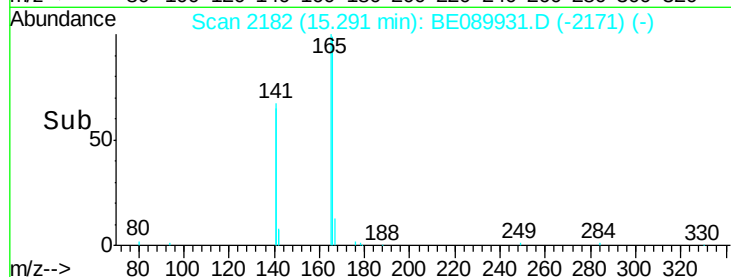
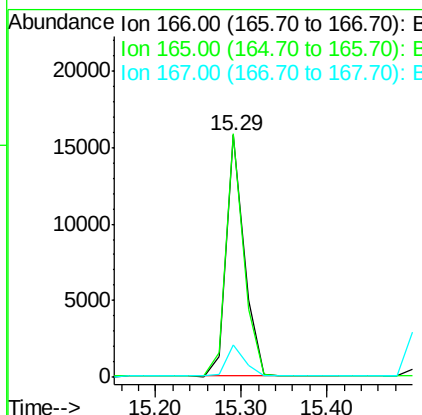
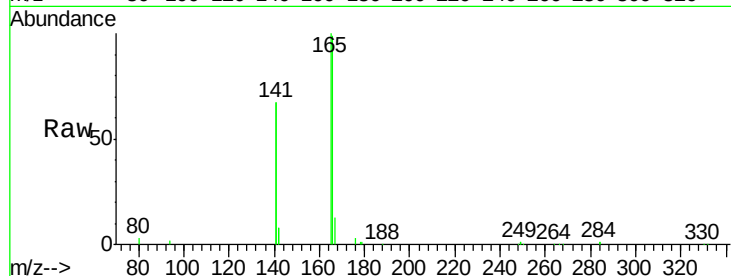




#17
 Fluorene
 Concen: 1.30 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

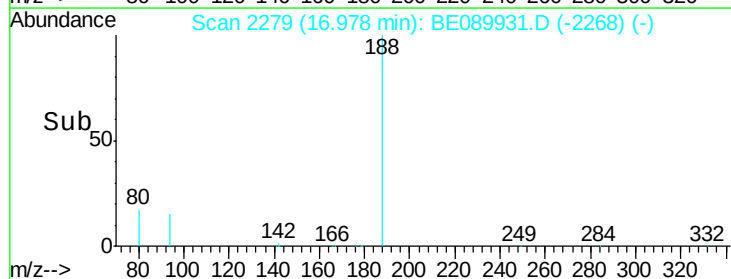
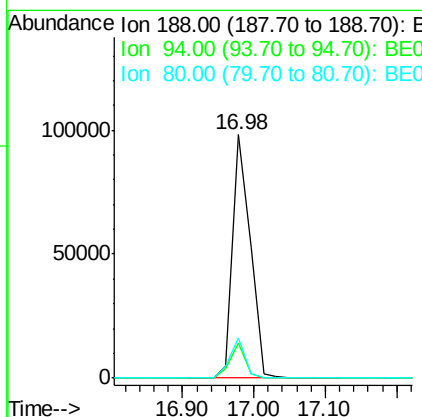
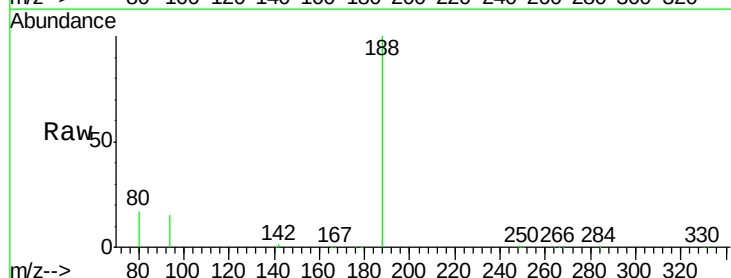
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICV001

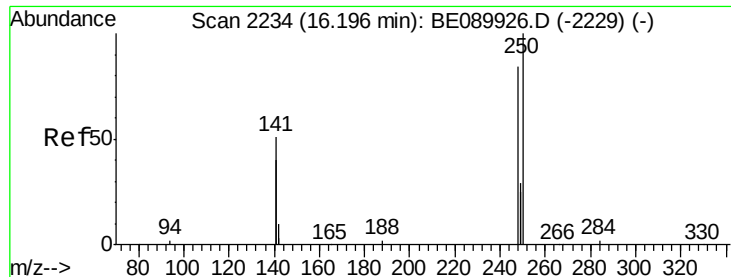
Tgt Ion:166 Resp: 23124
 Ion Ratio Lower Upper
 166 100
 165 100.7 81.1 121.7
 167 14.4 11.8 17.8



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

Tgt Ion:188 Resp: 165941
 Ion Ratio Lower Upper
 188 100
 94 14.6 10.6 16.0
 80 16.7 11.8 17.6

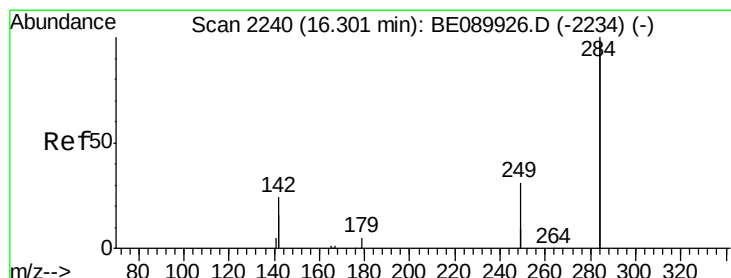
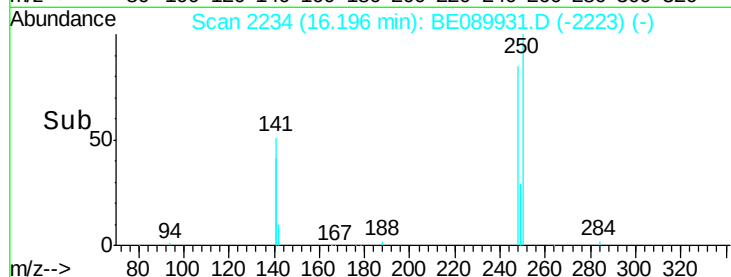
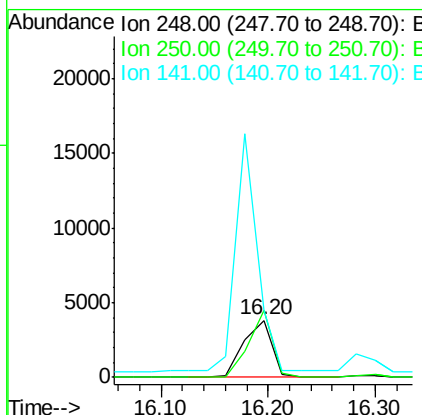
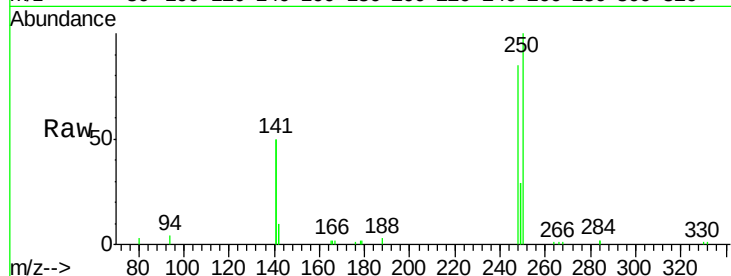




#19
4-Bromophenyl-phenylether
Concen: 0.98 ng
RT: 16.20 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089931.D
Acq: 24 Jun 2015 1:35

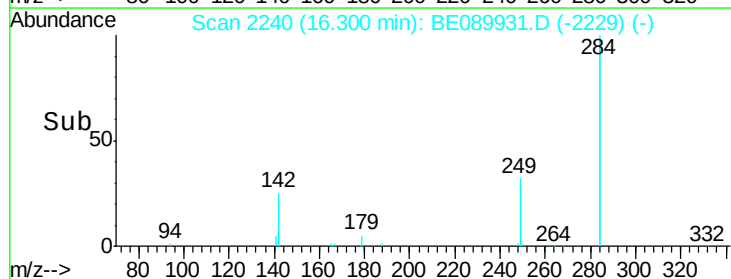
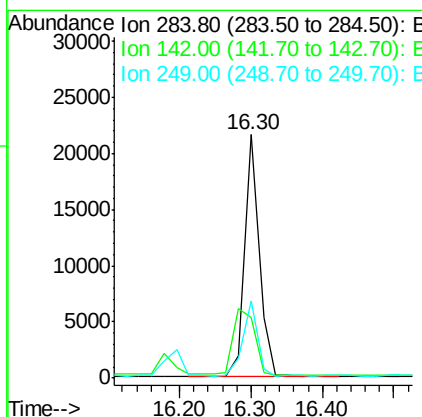
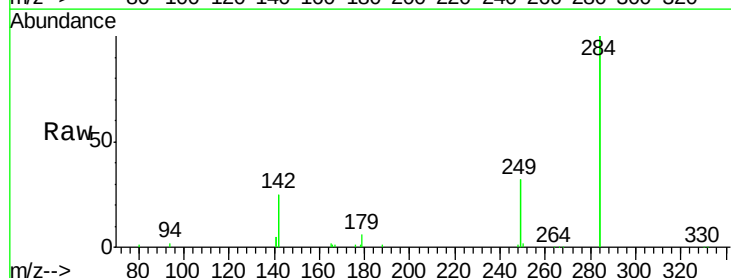
Instrument :
BNA_E
ClientSampleId :
SSTDICV001

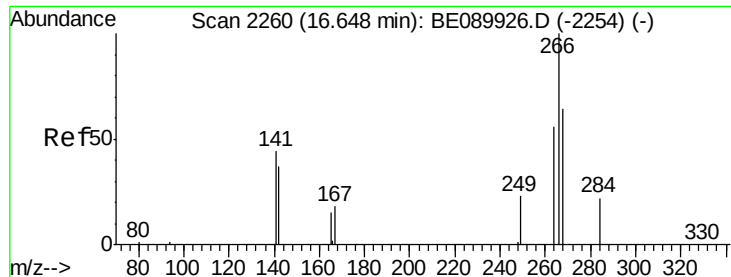
Tgt Ion:248 Resp: 6621
Ion Ratio Lower Upper
248 100
250 99.7 79.3 118.9
141 335.1 274.1 411.1



#20
Hexachlorobenzene
Concen: 3.79 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089931.D
Acq: 24 Jun 2015 1:35

Tgt Ion:284 Resp: 29832
Ion Ratio Lower Upper
284 100
142 40.2 32.0 48.0
249 31.1 25.0 37.6

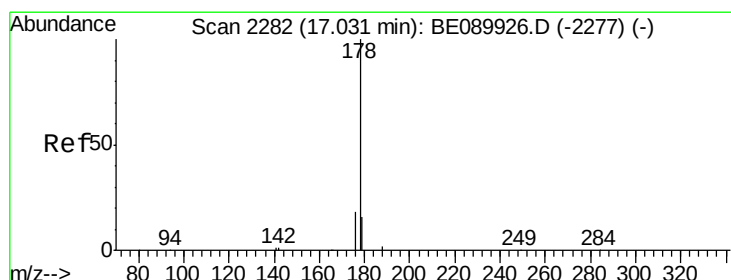
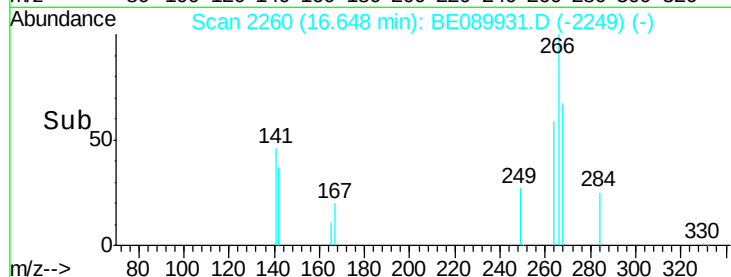
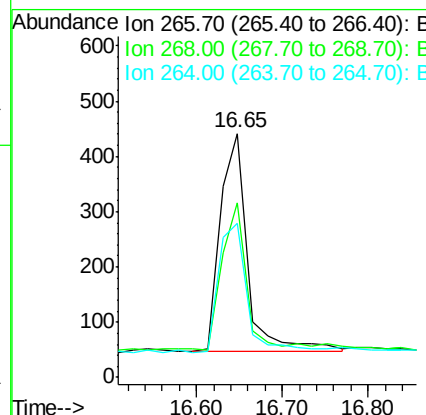
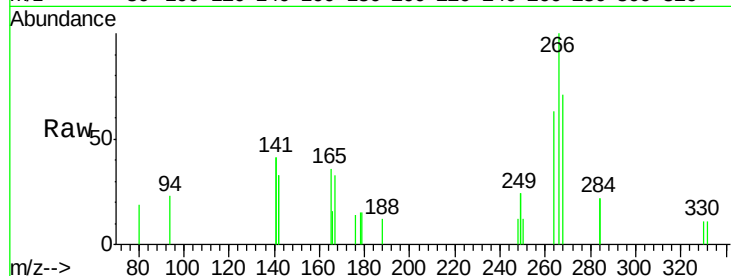




#21
 Pentachlorophenol
 Concen: 0.46 ng
 RT: 16.65 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

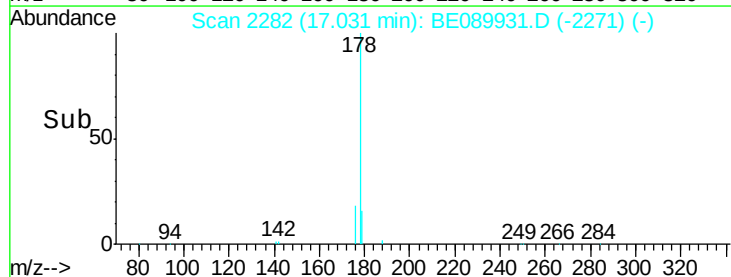
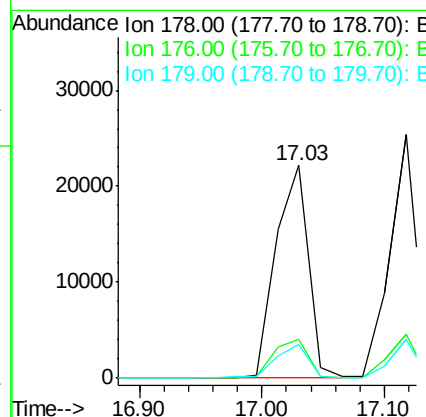
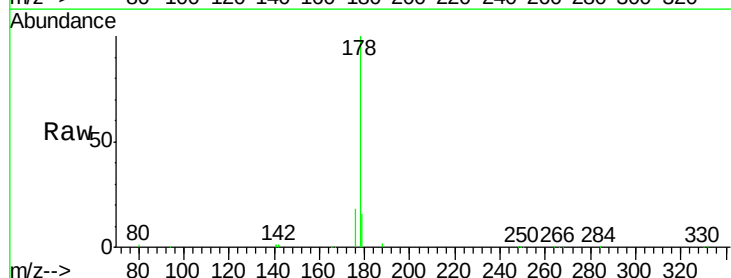
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICV001

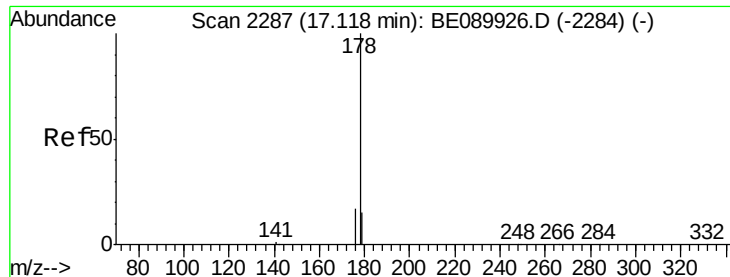
Tgt Ion: 266 Resp: 879
 Ion Ratio Lower Upper
 266 100
 268 71.4 54.4 81.6
 264 63.3 48.2 72.2



#22
 Phenanthrene
 Concen: 0.74 ng
 RT: 17.03 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

Tgt Ion: 178 Resp: 40753
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0





#23

Anthracene

Concen: 1.50 ng

RT: 17.12 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

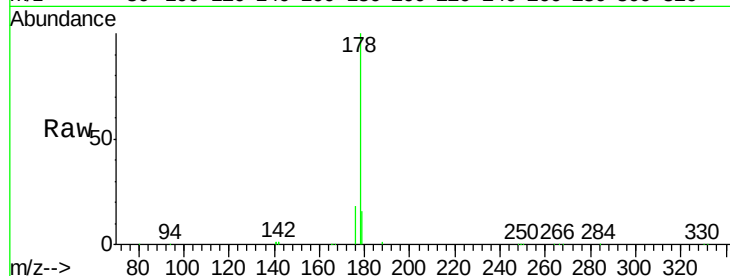
Tgt Ion:178 Resp: 38145

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

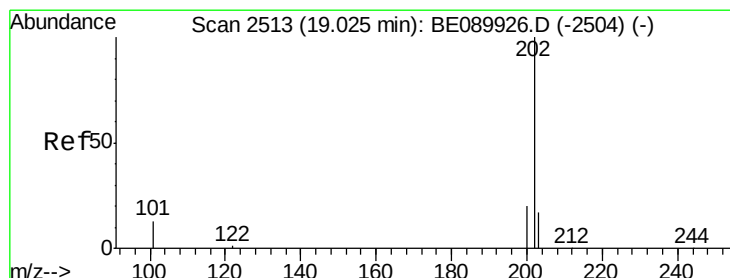
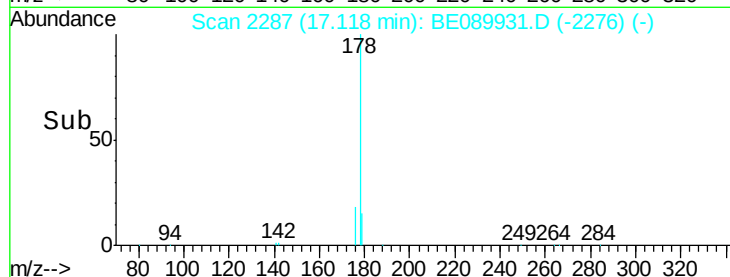
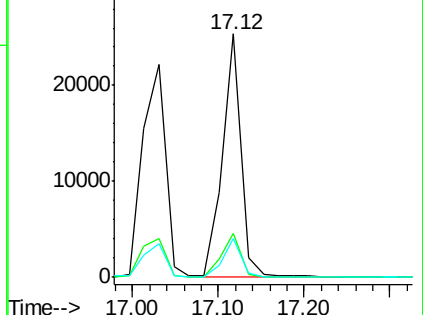
179 15.1 12.3 18.5



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

Fluoranthene

Concen: 1.22 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

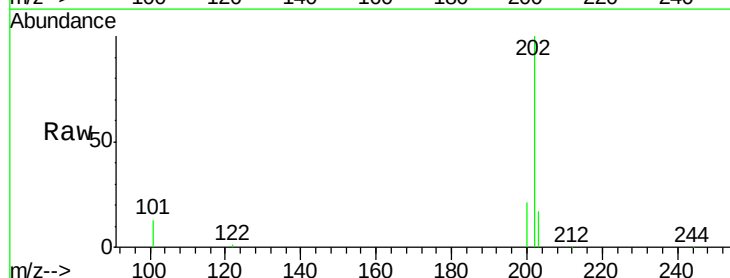
Tgt Ion:202 Resp: 44944

Ion Ratio Lower Upper

202 100

101 13.0 10.6 16.0

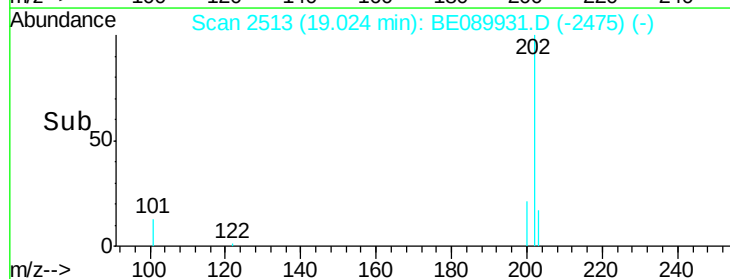
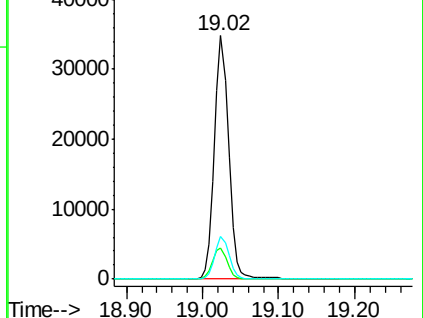
203 17.2 13.8 20.8

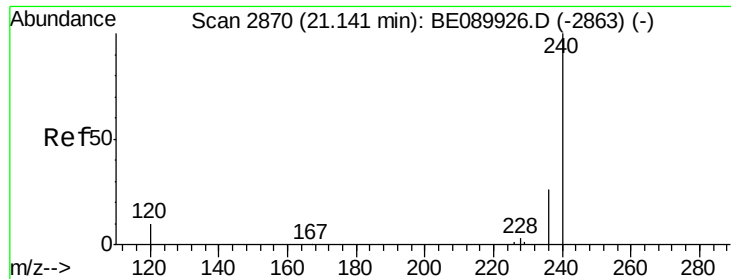


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

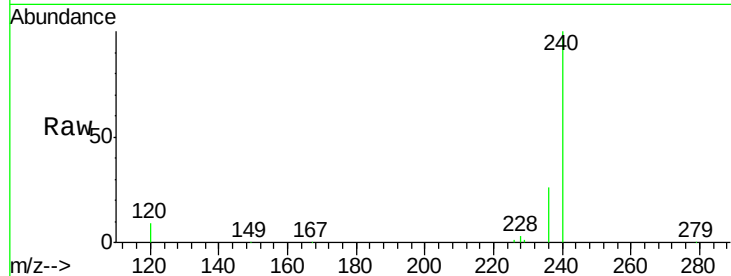
Tgt Ion:240 Resp: 185432

Ion Ratio Lower Upper

240 100

120 8.5 7.9 11.9

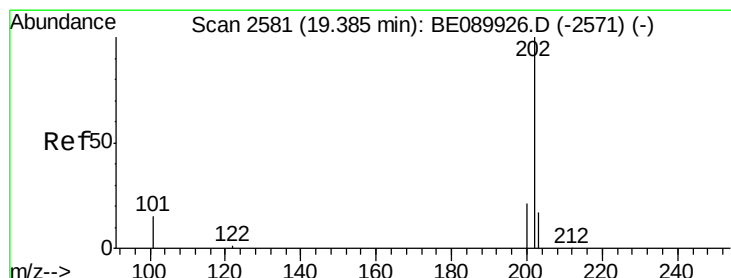
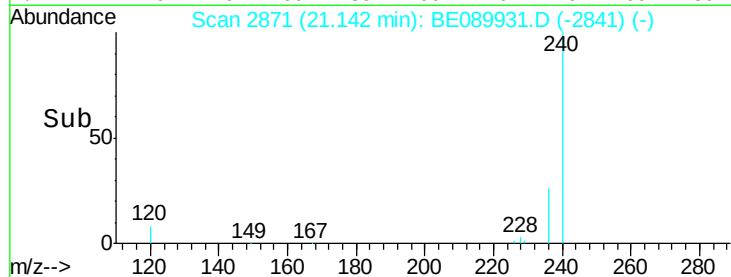
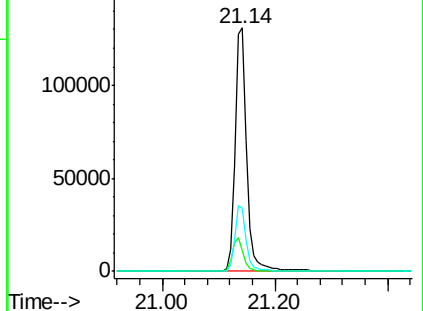
236 25.9 21.2 31.8



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: 0.74 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

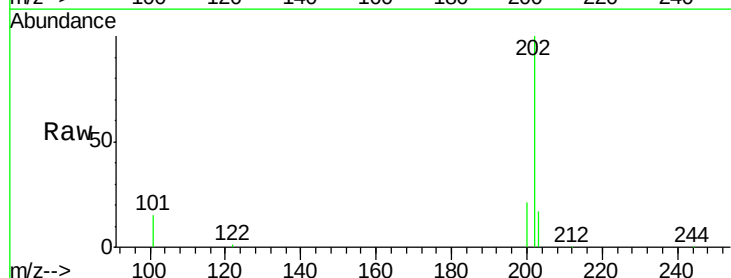
Tgt Ion:202 Resp: 46354

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

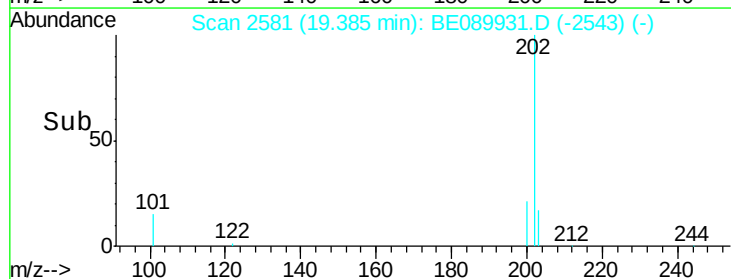
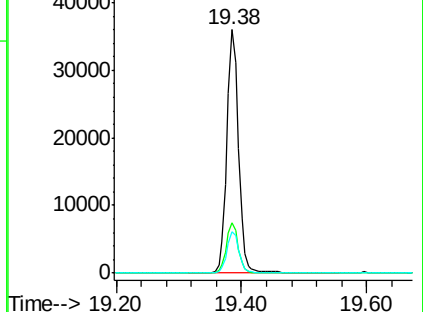
203 17.5 13.9 20.9

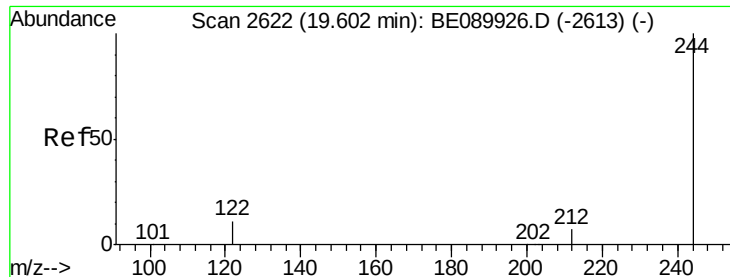


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

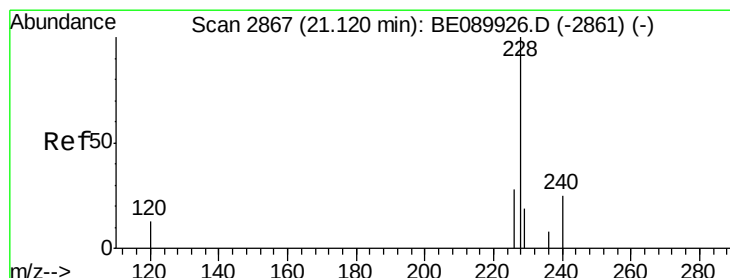
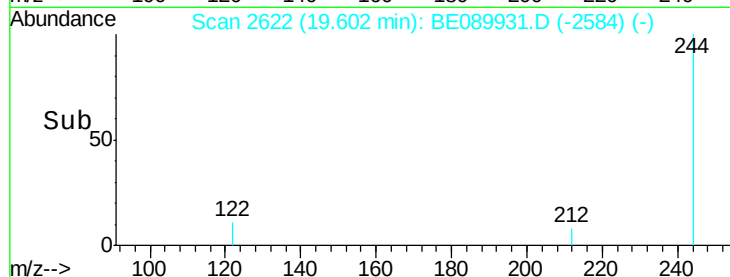
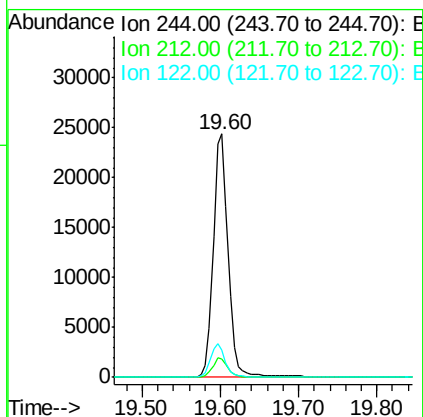
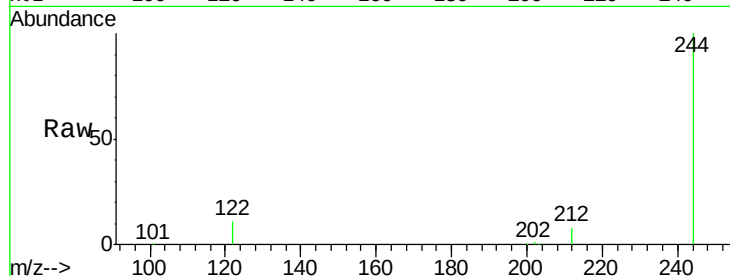




#27
 Terphenyl-d14
 Concen: 1.15 ng
 RT: 19.60 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

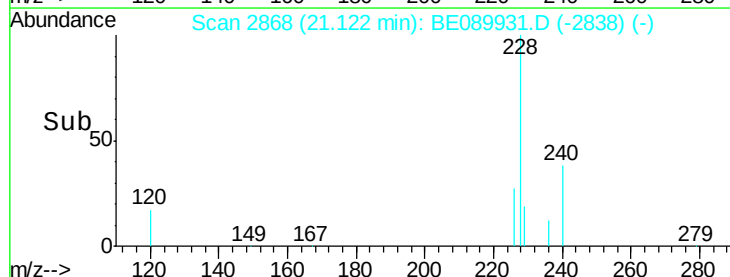
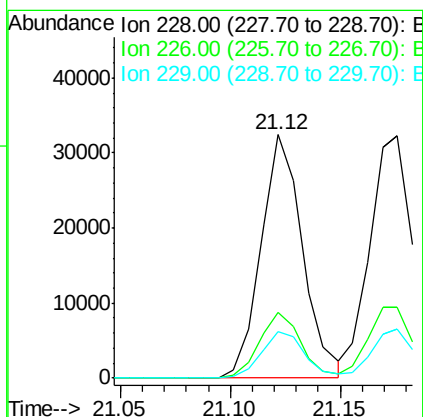
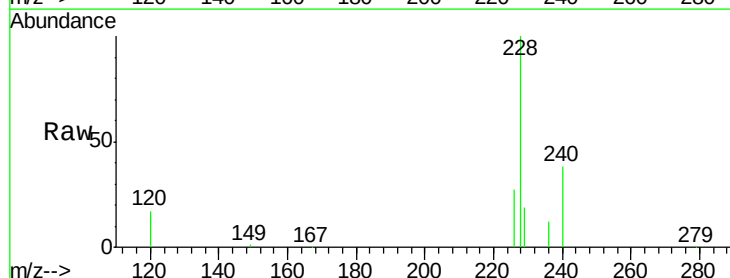
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICV001

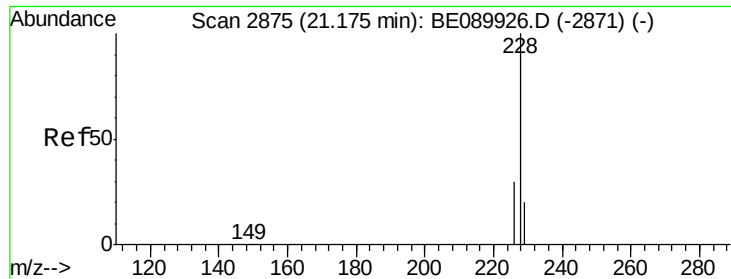
Tgt Ion: 244 Resp: 31893
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 11.0 8.7 13.1



#28
 Benzo(a)anthracene
 Concen: 0.78 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089931.D
 Acq: 24 Jun 2015 1:35

Tgt Ion: 228 Resp: 42433
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.2 33.4
 229 19.4 15.3 22.9





#29

Chrysene

Concen: 0.83 ng

RT: 21.18 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

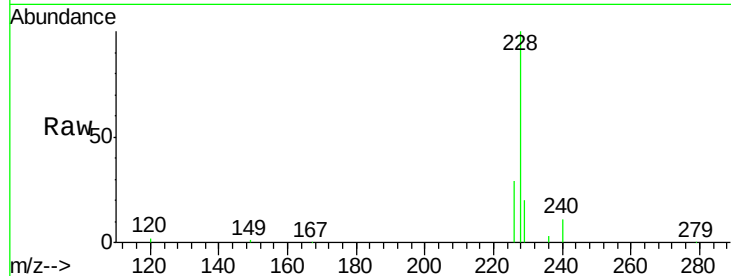
Tgt Ion:228 Resp: 47277

Ion Ratio Lower Upper

228 100

226 28.9 23.7 35.5

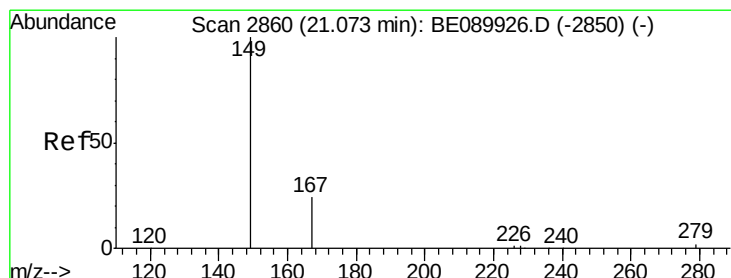
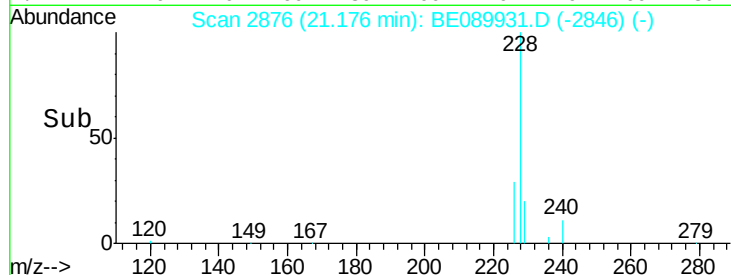
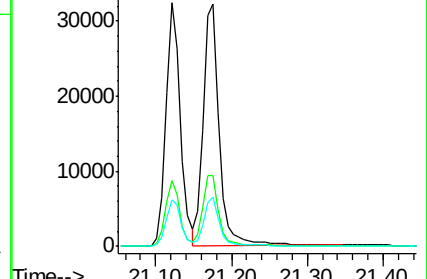
229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

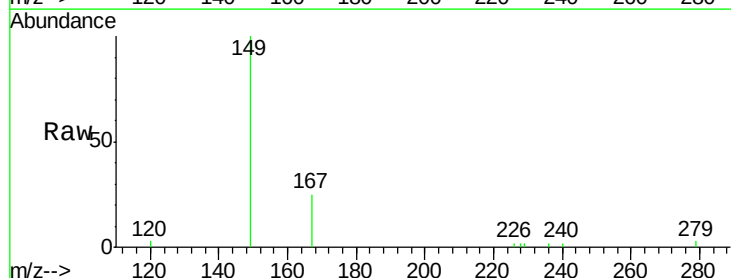
Tgt Ion:149 Resp: 3439

Ion Ratio Lower Upper

149 100

167 24.9 20.3 30.5

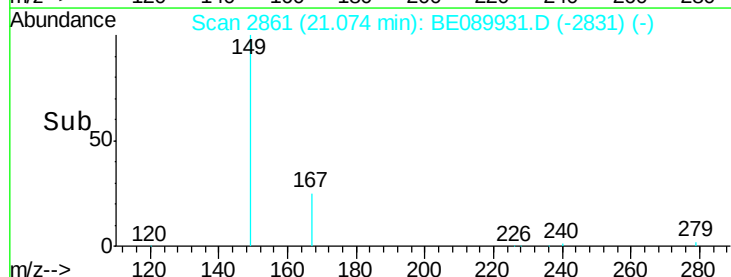
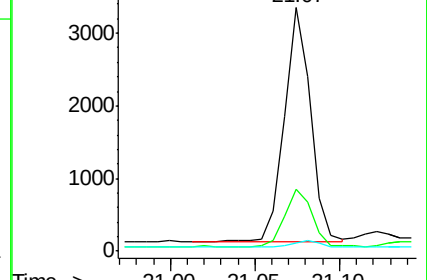
279 3.3 2.7 4.1

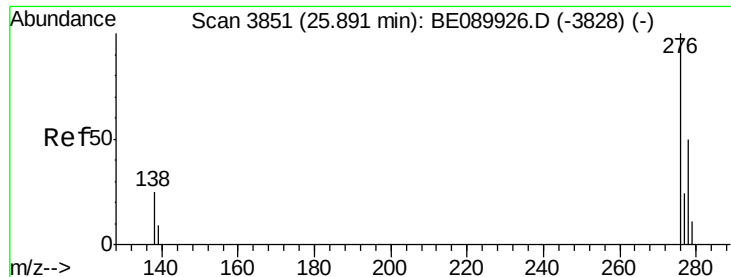


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.63 ng

RT: 25.89 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

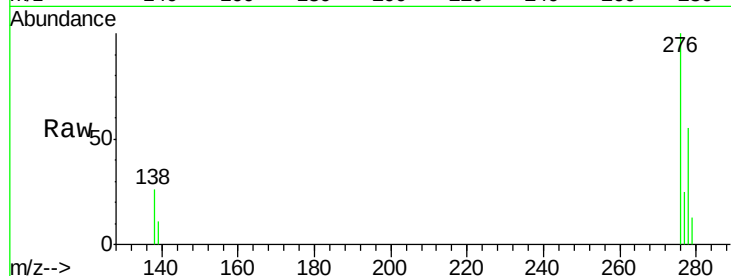
Tgt Ion:276 Resp: 33947

Ion Ratio Lower Upper

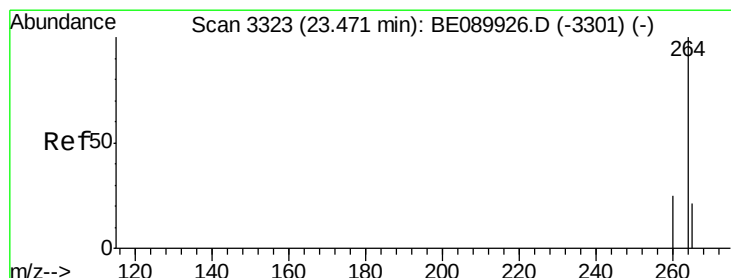
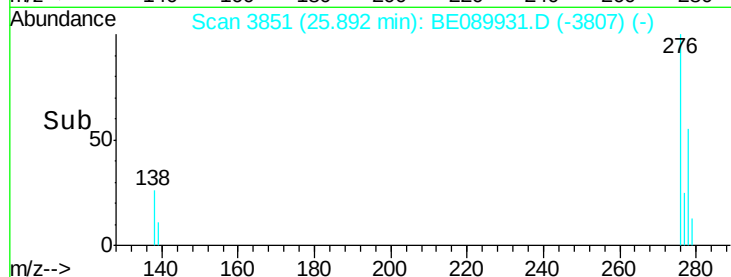
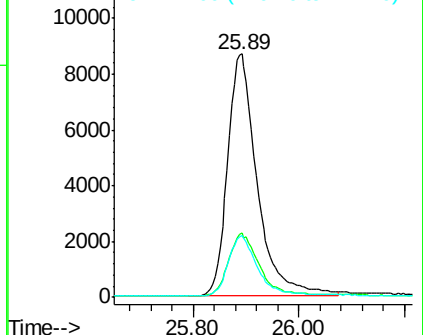
276 100

138 26.8 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: BE089931.D

Acq: 24 Jun 2015 1:35

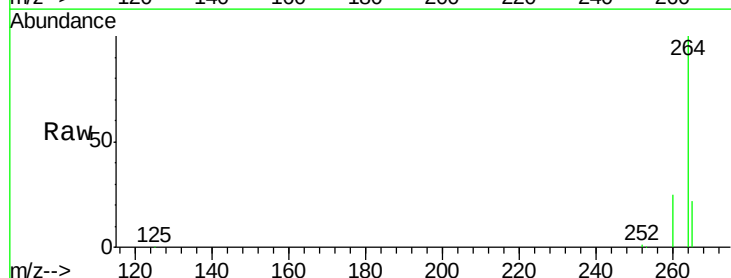
Tgt Ion:264 Resp: 160762

Ion Ratio Lower Upper

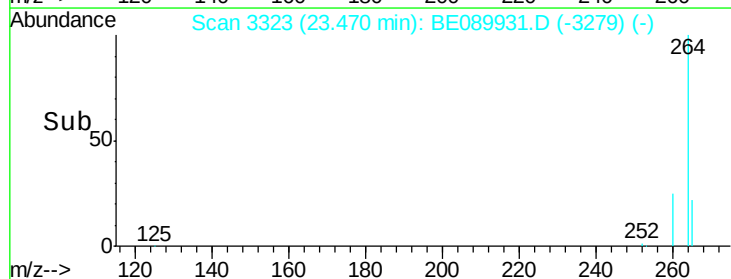
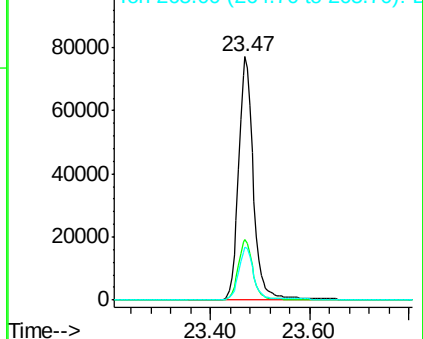
264 100

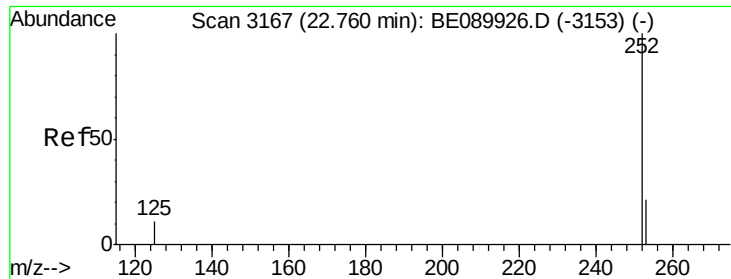
260 24.8 19.8 29.6

265 21.8 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: 0.66 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

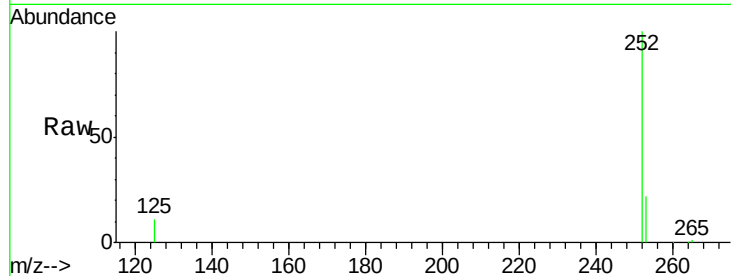
Tgt Ion:252 Resp: 33224

Ion Ratio Lower Upper

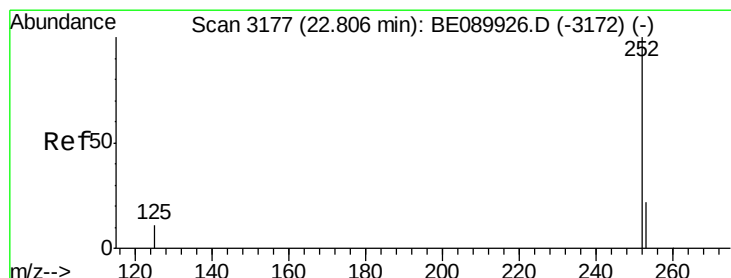
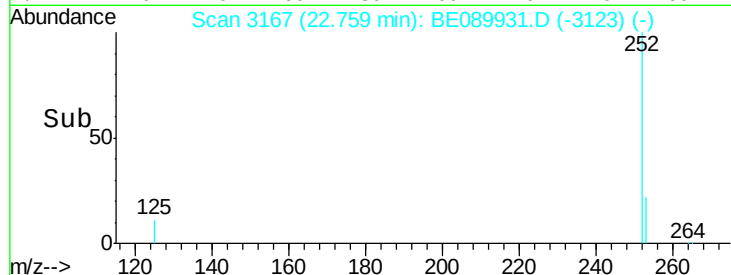
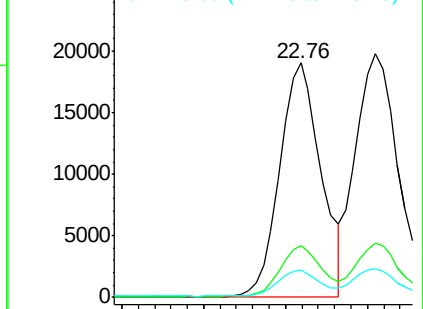
252 100

253 22.1 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: 0.84 ng

RT: 22.80 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

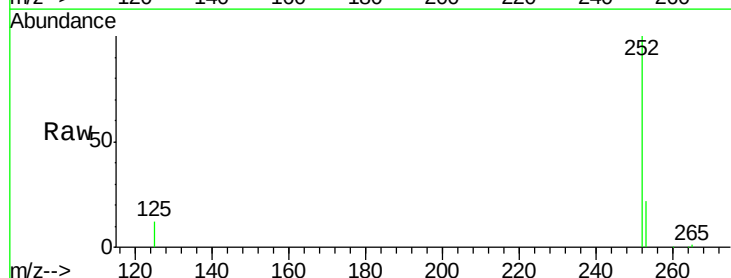
Tgt Ion:252 Resp: 38754

Ion Ratio Lower Upper

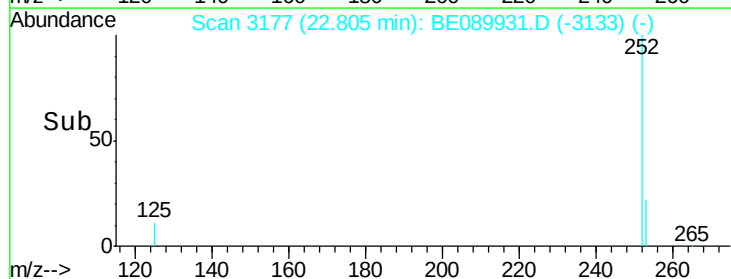
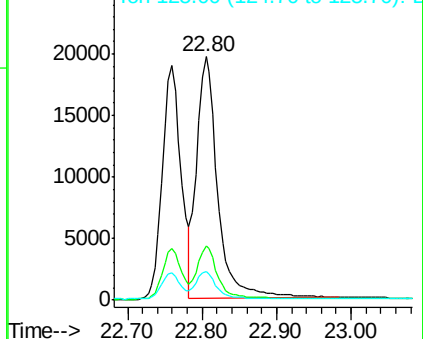
252 100

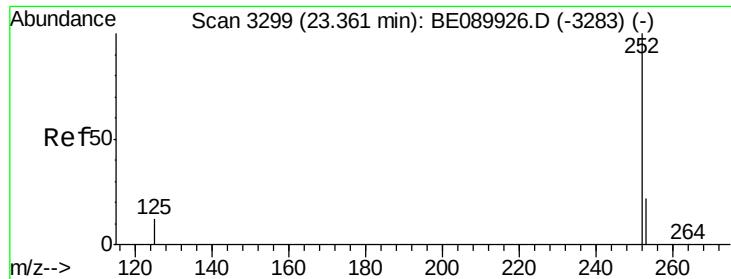
253 22.1 17.9 26.9

125 11.8 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: 0.69 ng

RT: 23.36 min Scan# 3300

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001

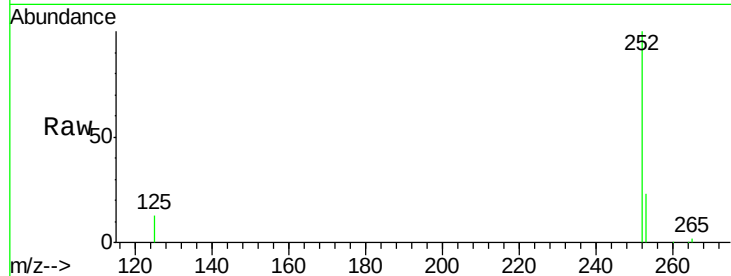
Tgt Ion:252 Resp: 29168

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

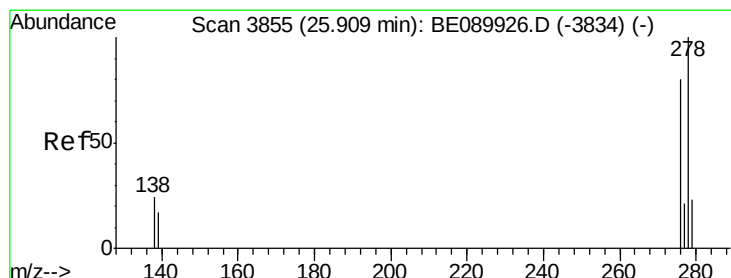
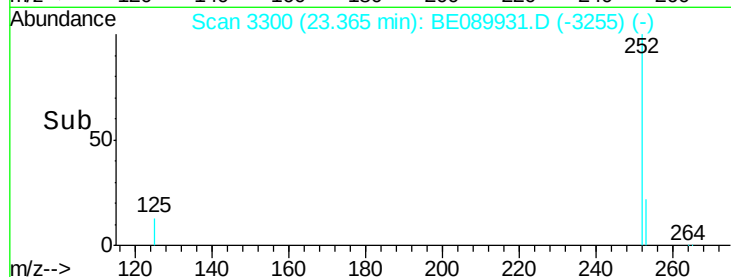
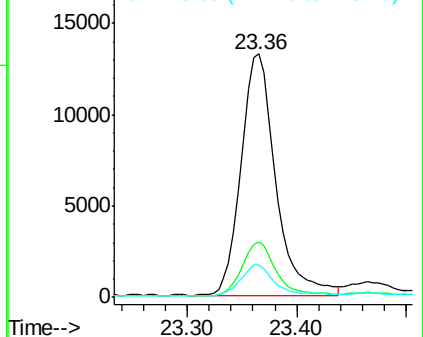
125 13.2 10.3 15.5



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: 0.65 ng

RT: 25.91 min Scan# 3855

Delta R.T. 0.00 min

Lab File: BE089931.D

Acq: 24 Jun 2015 1:35

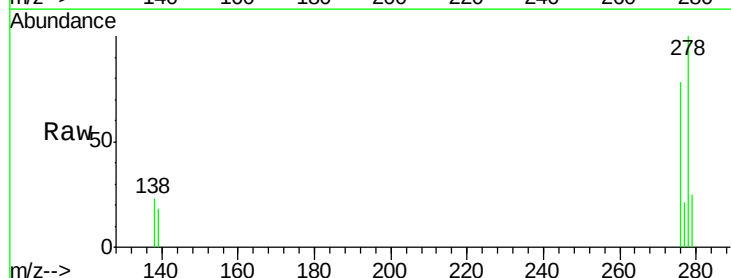
Tgt Ion:278 Resp: 27265

Ion Ratio Lower Upper

278 100

139 17.9 14.1 21.1

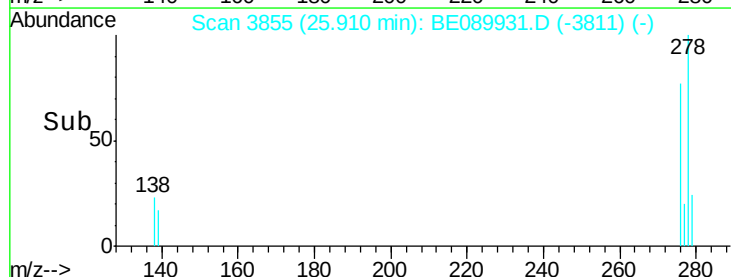
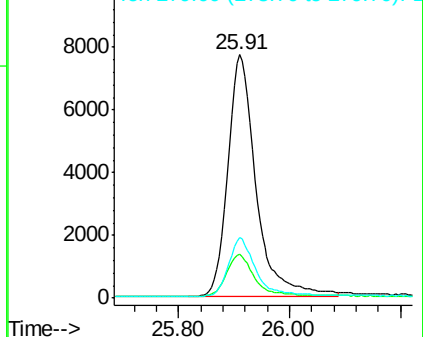
279 24.9 19.0 28.6

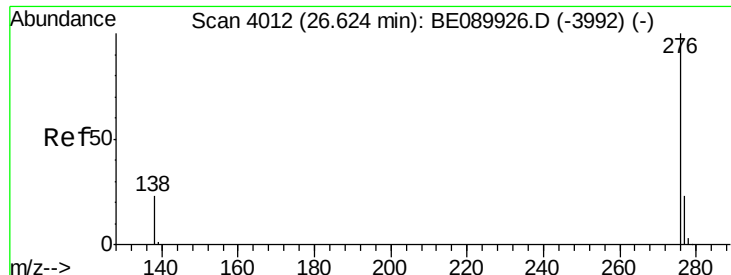


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.66 ng

RT: 26.63 min Scan# 4012

Delta R.T. 0.00 min

Lab File: BE089931.D

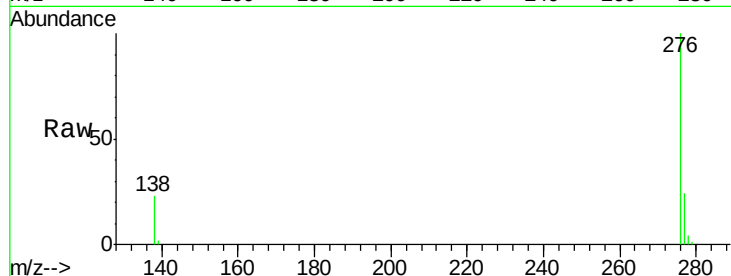
Acq: 24 Jun 2015 1:35

Instrument :

BNA_E

ClientSampleId :

SSTDICV001



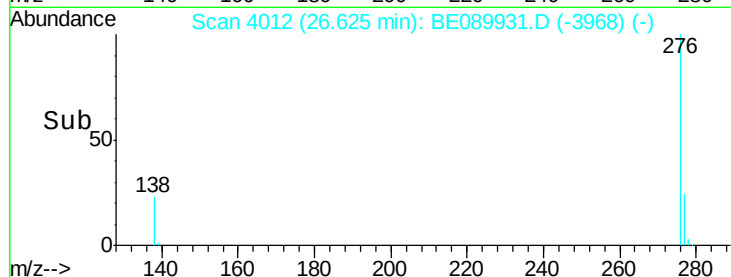
Tgt Ion: 276 Resp: 29084

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 23.4 18.8 28.2



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

