

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
 Data File : BE090960.D
 Acq On : 23 Sep 2015 21:47
 Operator : UM/IZ
 Sample : G3651-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043031

Quant Time: Sep 24 01:15:54 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	39421	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	172103	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	103088	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	228377	5.00	ng	0.00
26) Chrysene-d12	21.07	240	283460	5.00	ng	0.00
33) Perylene-d12	23.35	264	255535	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.17	112	21686	2.42	ng	-0.01
5) Phenol-d6	6.80	99	12202	0.99	ng	0.05
8) Nitrobenzene-d5	8.72	82	36215	3.05	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	23914	6.57	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	95707	3.27	ng	0.00
28) Terphenyl-d14	19.52	244	167951	5.24	ng	0.00

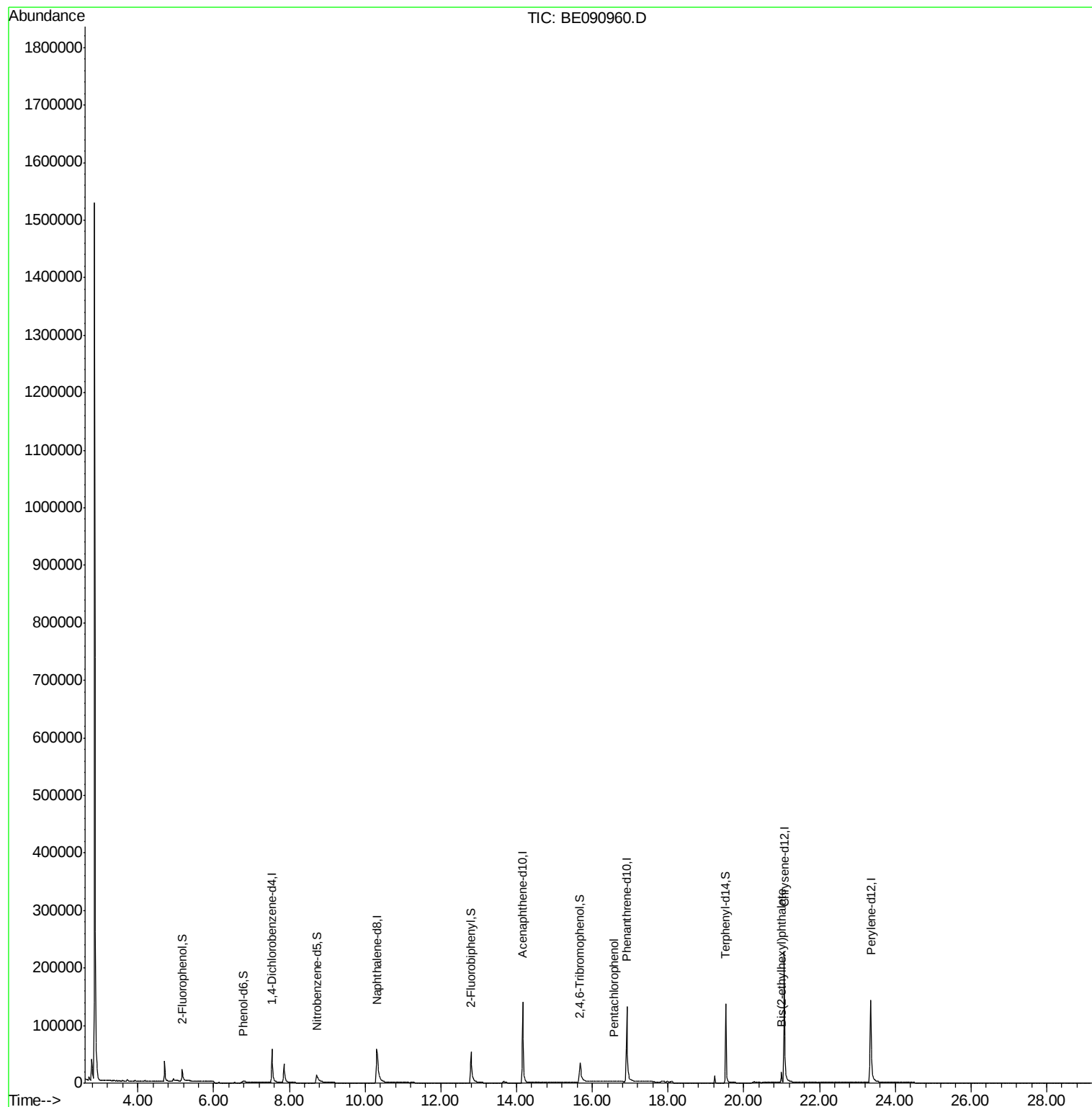
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	94	Below Cal	#	1
3) n-Nitrosodimethylamine	3.43	42	17	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.98	93	19	Below Cal	#	25
10) Naphthalene	10.35	128	256	Below Cal	#	3
11) Hexachlorobutadiene	10.69	225	3	Below Cal	#	96
18) Fluorene	15.24	166	143	Below Cal	#	89
21) Hexachlorobenzene	16.23	284	63	Below Cal	#	1
22) Pentachlorophenol	16.58	266	10	0.18 ng	#	54
23) Phenanthrene	16.94	178	760	Below Cal	#	81
30) Chrysene	21.10	228	937	Below Cal	#	78
31) Bis(2-ethylhexyl)phthalate	20.99	149	16978	0.68 ng	#	99

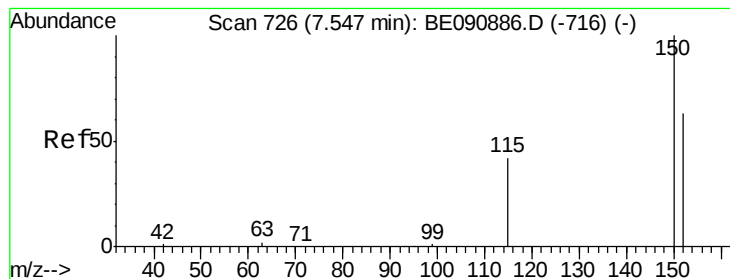
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
Data File : BE090960.D
Acq On : 23 Sep 2015 21:47
Operator : UM/IZ
Sample : G3651-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CPS043031

Quant Time: Sep 24 01:15:54 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.54 min Scan# 725

Delta R.T. -0.01 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Instrument :

BNA_E

ClientSampleId :

CPS043031

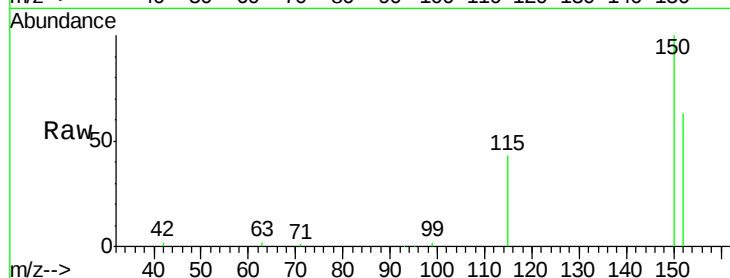
Tot Ion:152 Resp: 39421

Ion Ratio Lower Upper

152 100

150 159.5 122.2 183.4

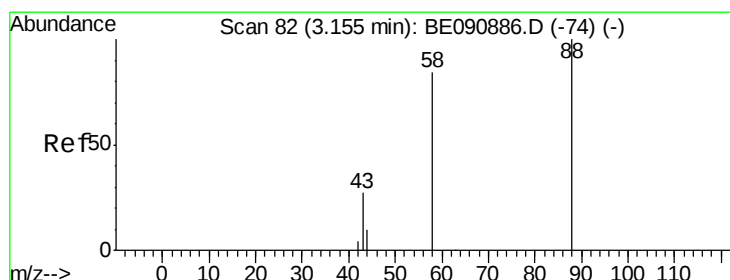
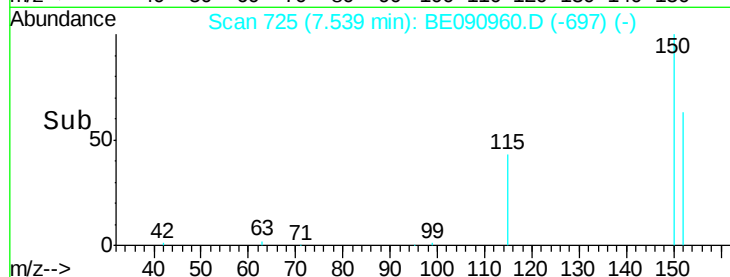
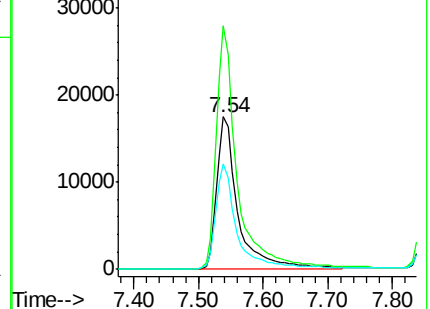
115 68.8 51.0 76.4



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: Below Cal

RT: 3.24 min Scan# 95

Delta R.T. 0.09 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

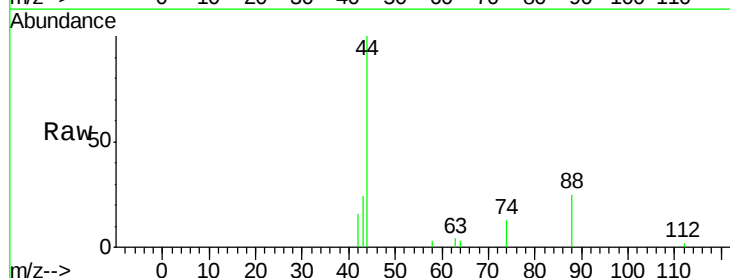
Tgt Ion: 88 Resp: 94

Ion Ratio Lower Upper

88 100

58 16.0 68.4 102.6#

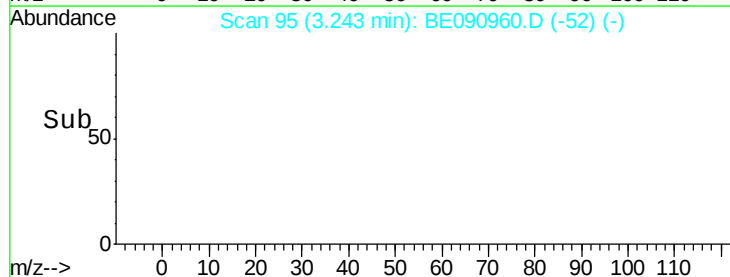
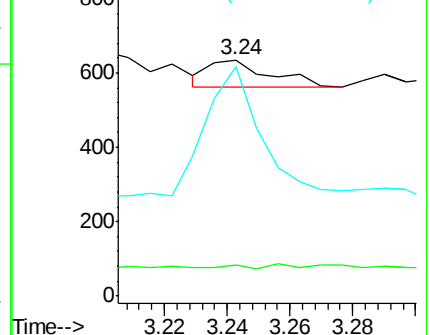
43 451.1 26.9 40.3#

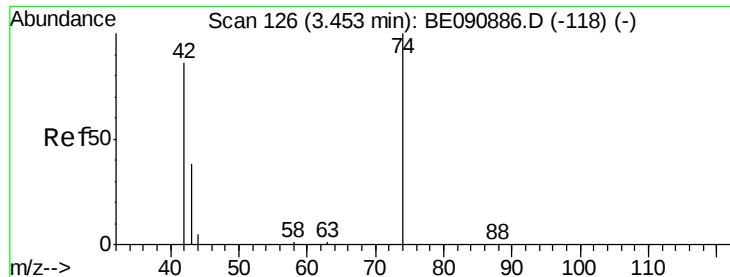


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



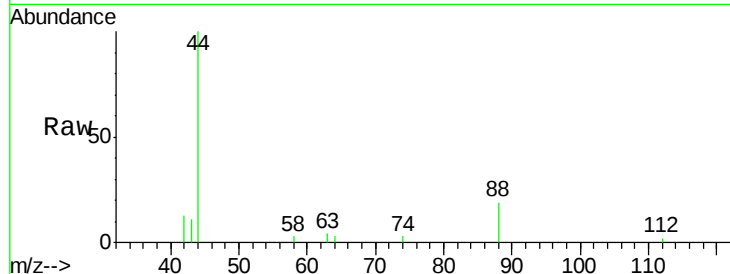


#3

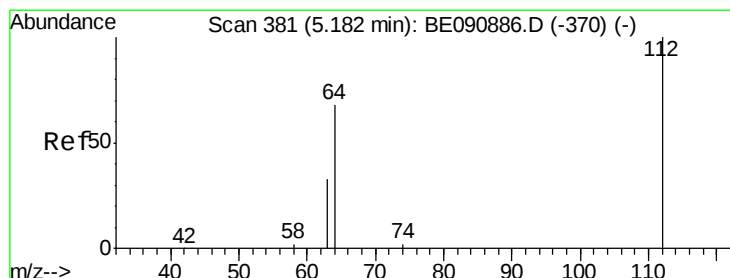
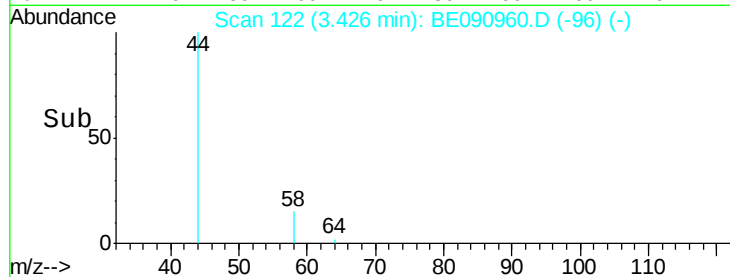
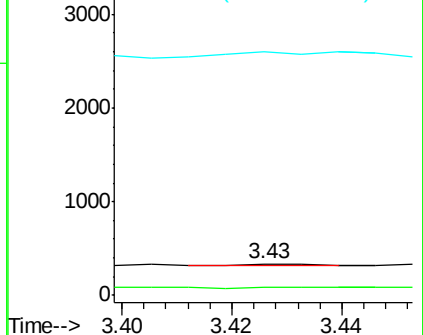
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.43 min Scan# 122
 Delta R.T. -0.03 min
 Lab File: BE090960.D
 Acq: 23 Sep 2015 21:47

Instrument :
 BNA_E
 ClientSampleId :
 CPS043031

Tot Ion: 42 Resp: 17
 Ion Ratio Lower Upper
 42 100
 74 64.7 83.7 125.5#
 44 1023.5 10.0 15.0#



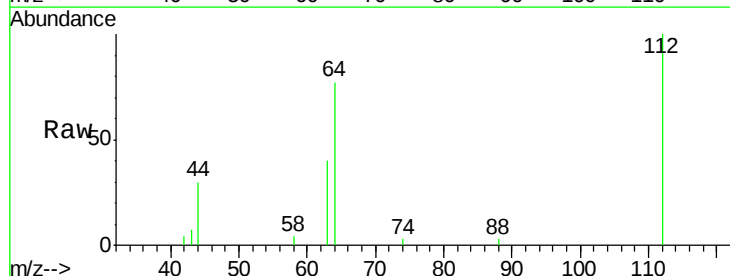
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



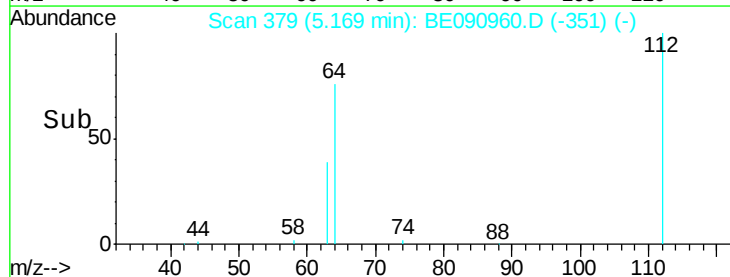
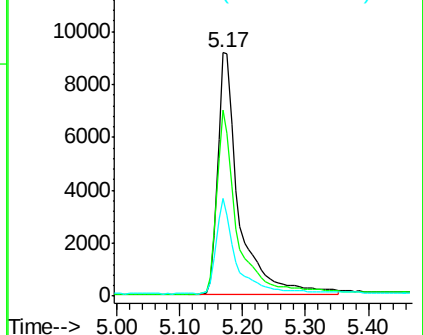
#4

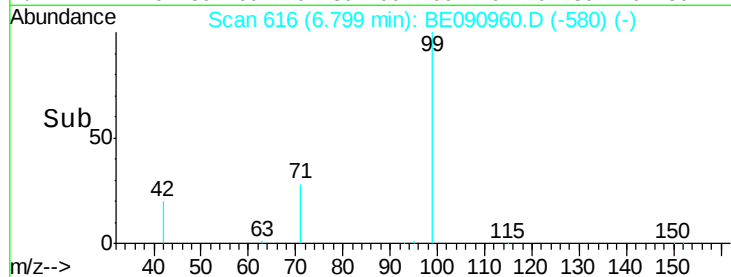
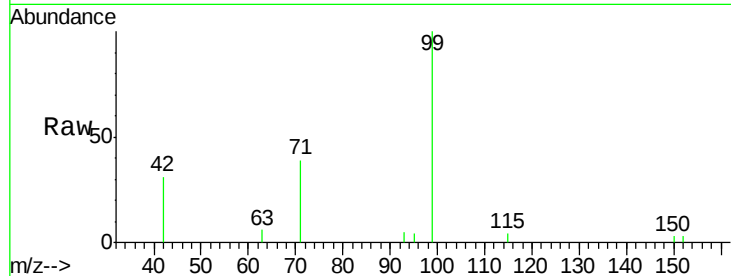
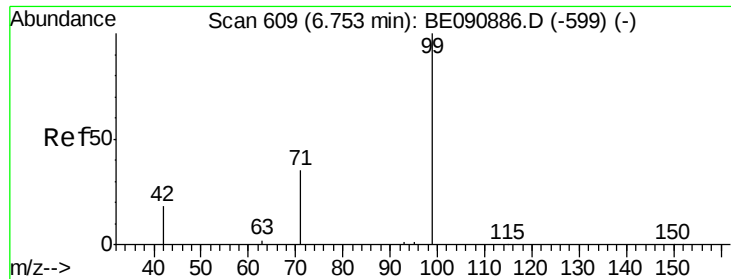
2-Fluorophenol
 Concen: 2.42 ng
 RT: 5.17 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: BE090960.D
 Acq: 23 Sep 2015 21:47

Tgt Ion: 112 Resp: 21686
 Ion Ratio Lower Upper
 112 100
 64 72.4 57.3 85.9
 63 37.2 29.2 43.8



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: 0.99 ng

RT: 6.80 min Scan# 616

Delta R.T. 0.05 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Instrument :

BNA_E

ClientSampleId :

CPS043031

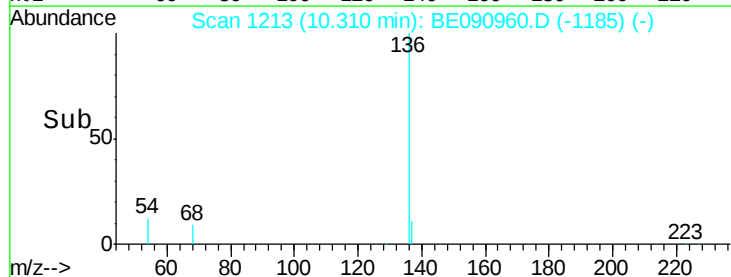
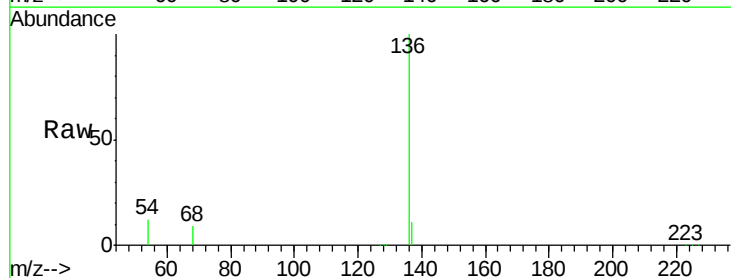
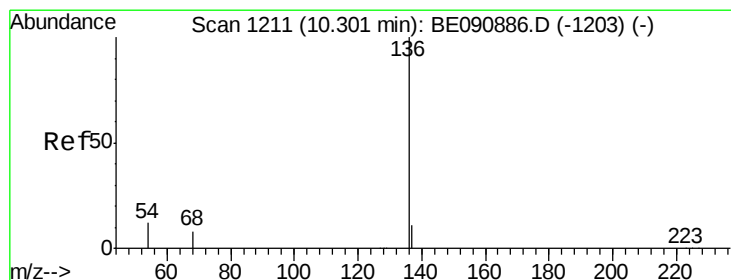
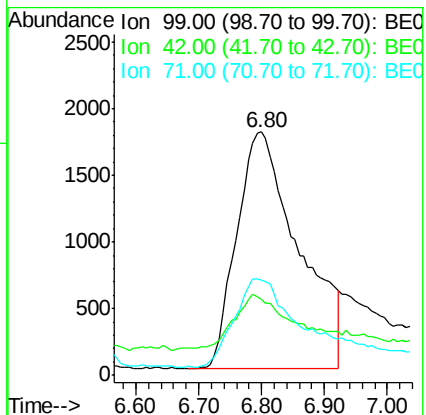
Tot Ion: 99 Resp: 12202

Ion Ratio Lower Upper

99 100

42 23.2 16.8 25.2

71 38.5 28.3 42.5



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Tgt Ion: 136 Resp: 172103

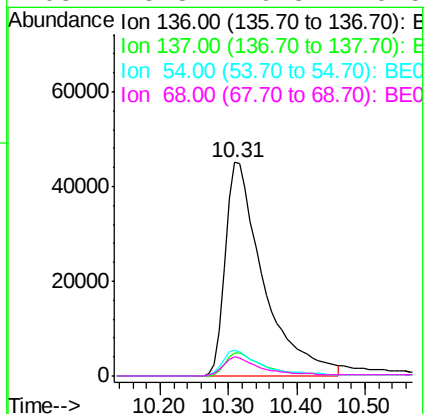
Ion Ratio Lower Upper

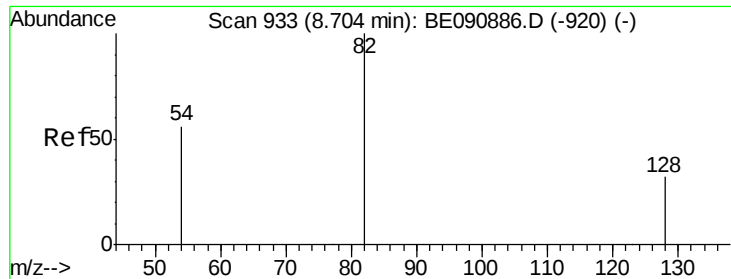
136 100

137 11.0 8.7 13.1

54 11.9 9.0 13.6

68 8.8 6.3 9.5

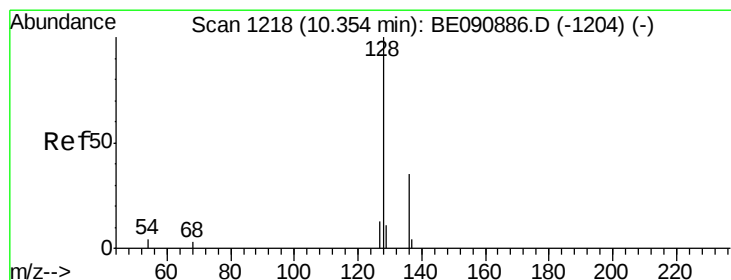
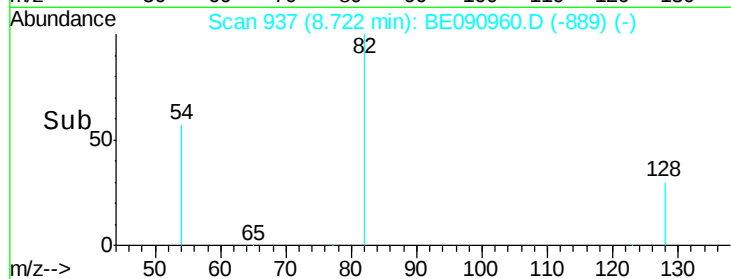
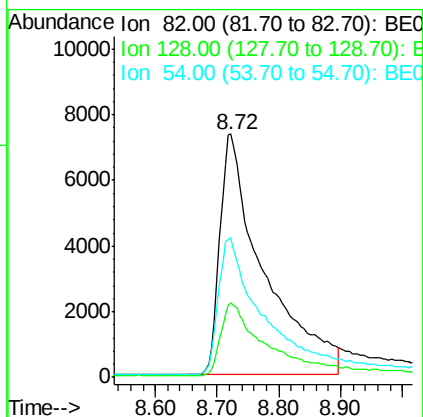
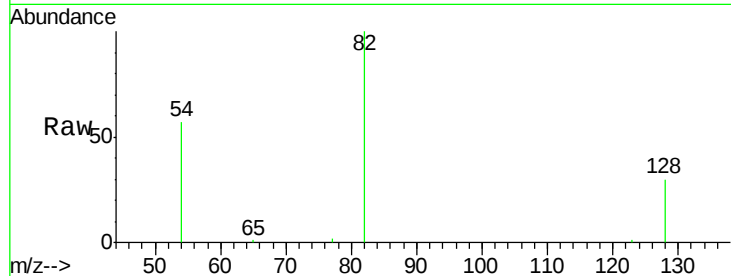




#8
 Nitrobenzene-d5
 Concen: 3.05 na
 RT: 8.72 min Scan# 937
 Delta R.T. 0.02 min
 Lab File: BE090960.D
 Acq: 23 Sep 2015 21:47

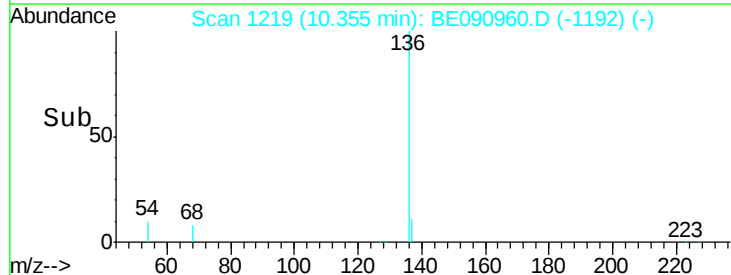
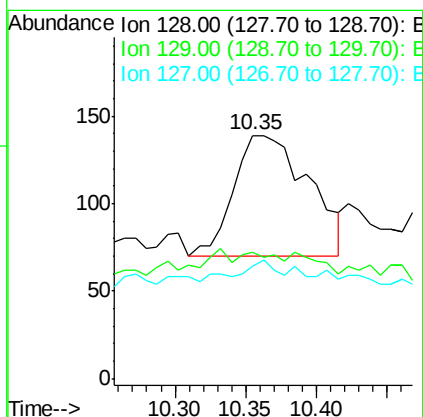
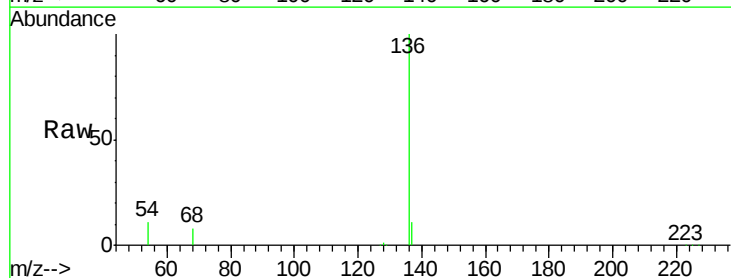
Instrument :
 BNA_E
 ClientSampleId :
 CPS043031

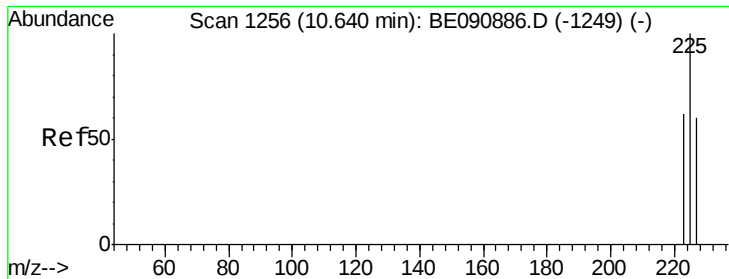
Tot Ion: 82 Resp: 36215
 Ion Ratio Lower Upper
 82 100
 128 30.5 25.0 37.4
 54 57.4 46.3 69.5



#10
 Naphthalene
 Concen: Below Cal
 RT: 10.35 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BE090960.D
 Acq: 23 Sep 2015 21:47

Tgt Ion: 128 Resp: 256
 Ion Ratio Lower Upper
 128 100
 129 51.8 8.4 12.6#
 127 46.0 9.9 14.9#

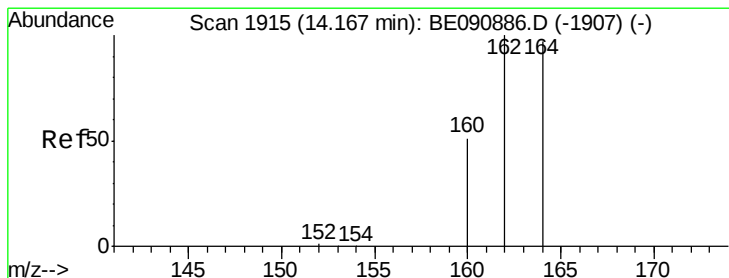
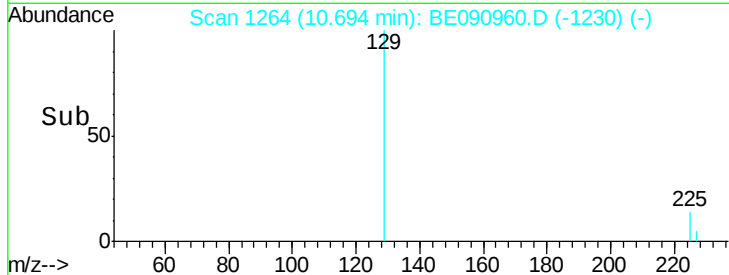
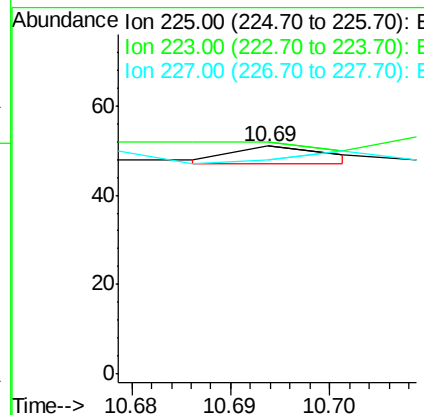
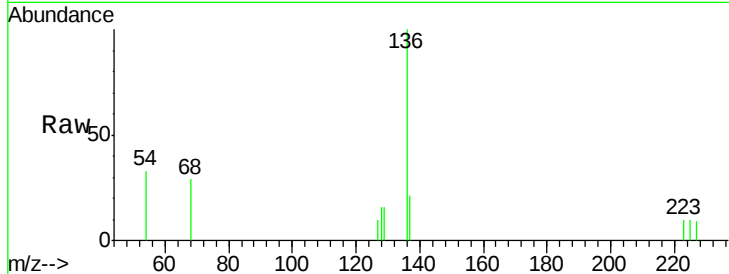




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.69 min Scan# 1264
Delta R.T. 0.05 min
Lab File: BE090960.D
Acq: 23 Sep 2015 21:47

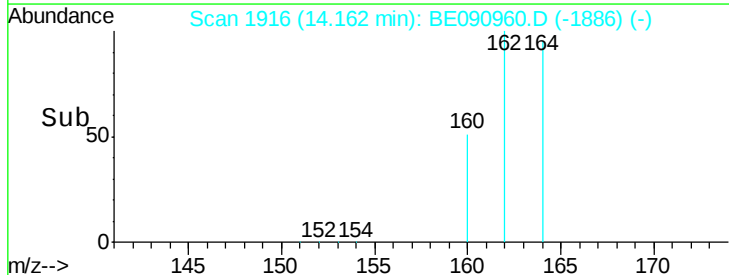
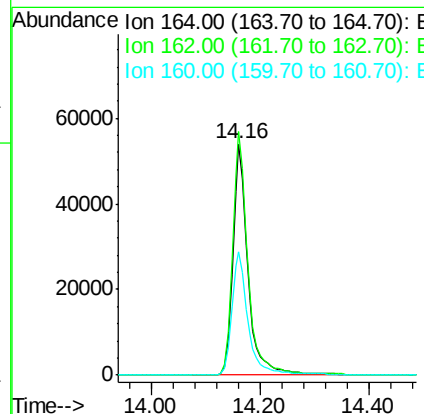
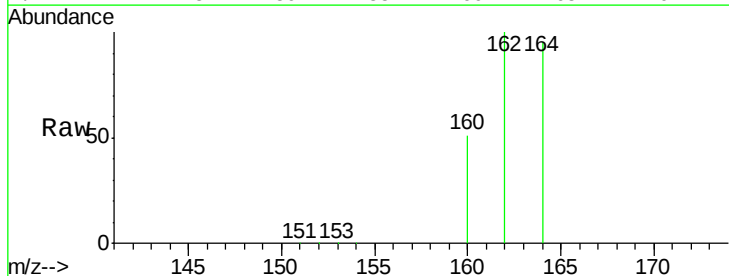
Instrument :
BNA_E
ClientSampleId :
CPS043031

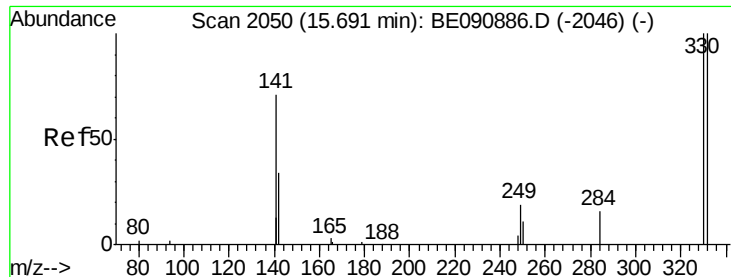
Tot Ion:225 Resp: 3
Ion Ratio Lower Upper
225 100
223 66.7 50.6 76.0
227 66.7 51.0 76.6



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BE090960.D
Acq: 23 Sep 2015 21:47

Tgt Ion:164 Resp: 103088
Ion Ratio Lower Upper
164 100
162 105.3 86.8 130.2
160 53.6 53.9 80.9#

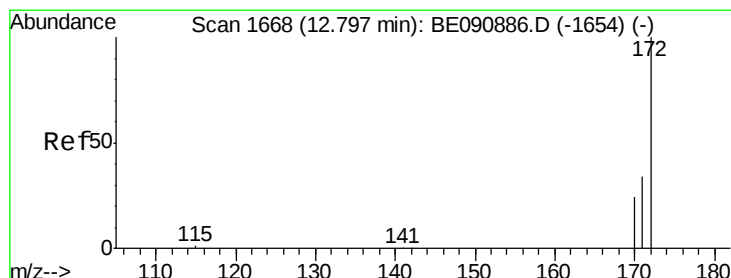
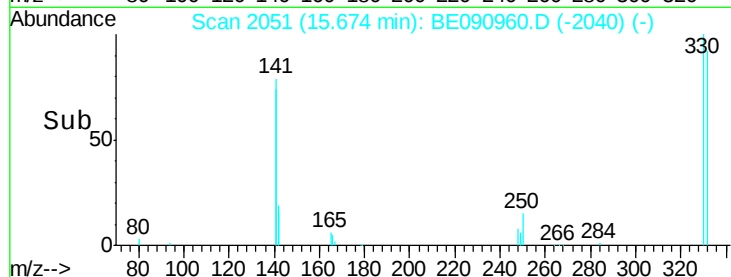
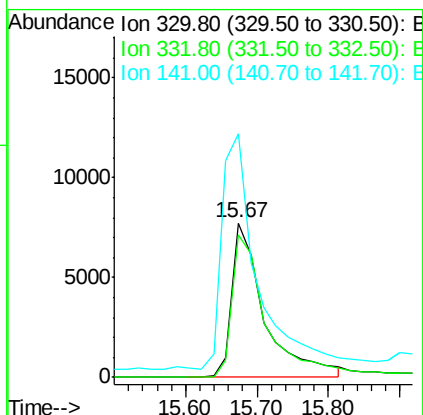
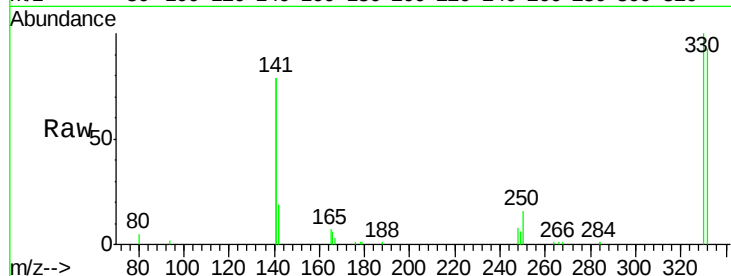




#14
 2,4,6-Tribromophenol
 Concen: 6.57 ng
 RT: 15.67 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BE090960.D
 Acq: 23 Sep 2015 21:47

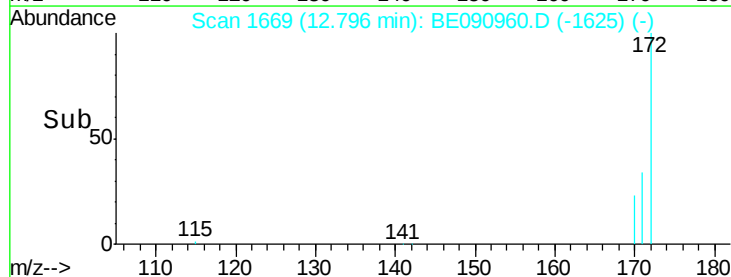
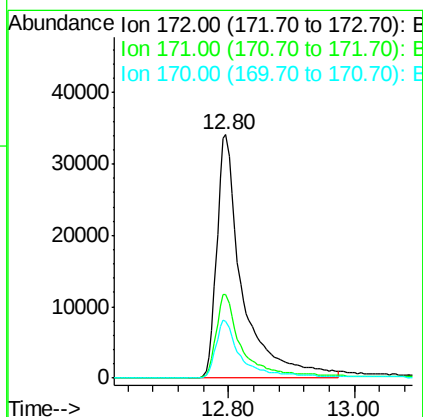
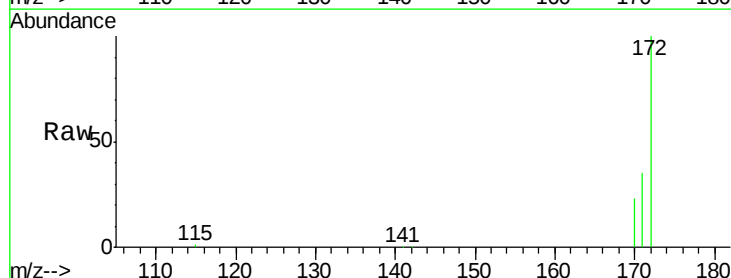
Instrument :
 BNA_E
 ClientSampleId :
 CPS043031

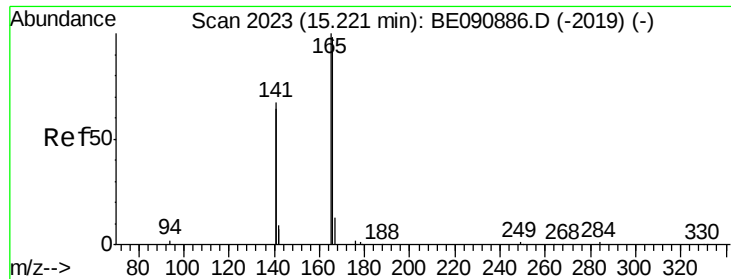
Tot Ion:330 Resp: 23914
 Ion Ratio Lower Upper
 330 100
 332 96.2 74.9 112.3
 141 171.5 145.2 217.8



#15
 2-Fluorobiphenyl
 Concen: 3.27 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BE090960.D
 Acq: 23 Sep 2015 21:47

Tgt Ion:172 Resp: 95707
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 23.4 19.8 29.6





#18

Fluorene

Concen: Below Cal

RT: 15.24 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Instrument :

BNA_E

ClientSampleId :

CPS043031

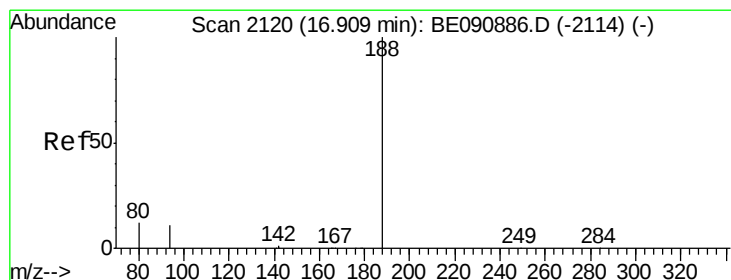
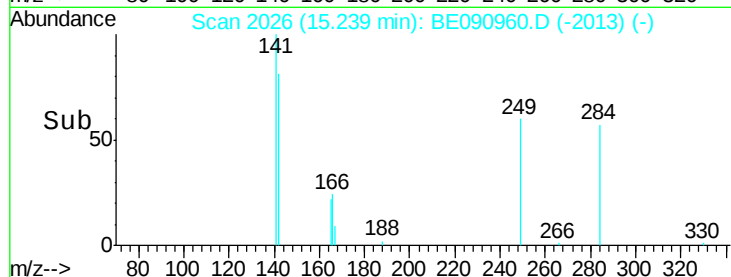
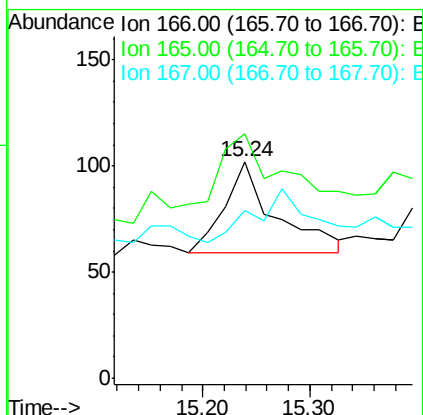
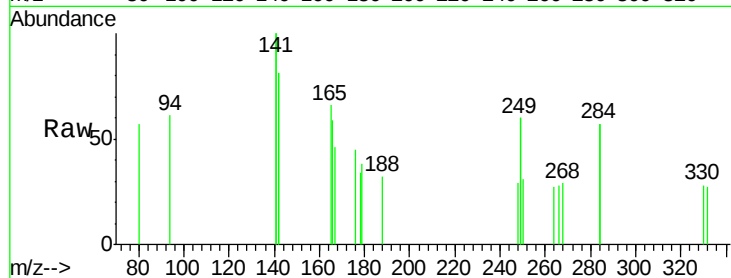
Tot Ion:166 Resp: 143

Ion Ratio Lower Upper

166 100

165 111.9 82.7 124.1

167 0.0 10.7 16.1#



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

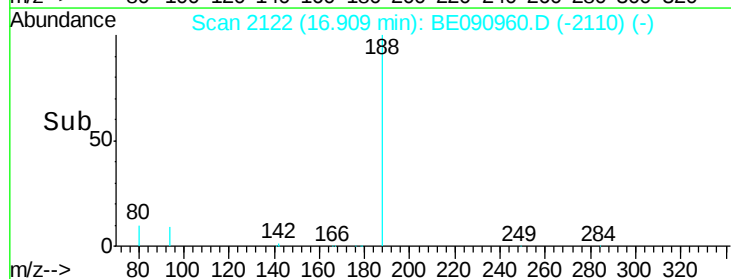
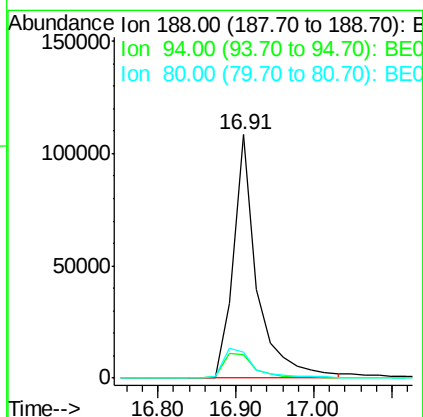
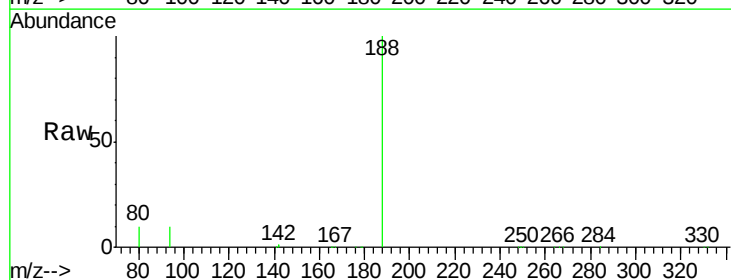
Tgt Ion:188 Resp: 228377

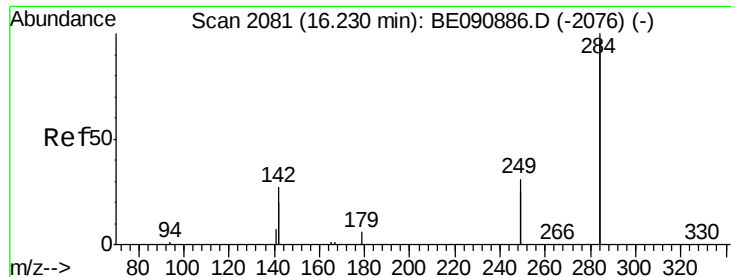
Ion Ratio Lower Upper

188 100

94 9.5 10.3 15.5#

80 10.4 11.0 16.6#





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Instrument :

BNA_E

ClientSampled :

CPS043031

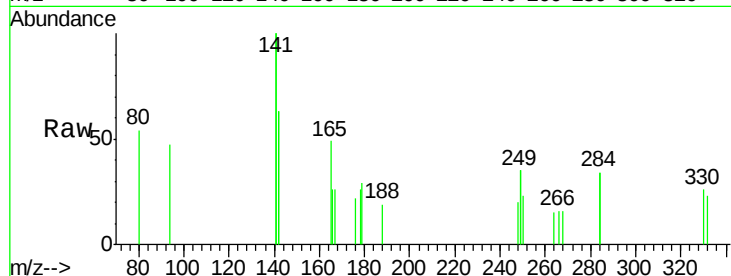
Tot Ion:284 Resp: 63

Ion Ratio Lower Upper

284 100

142 128.6 35.0 52.4#

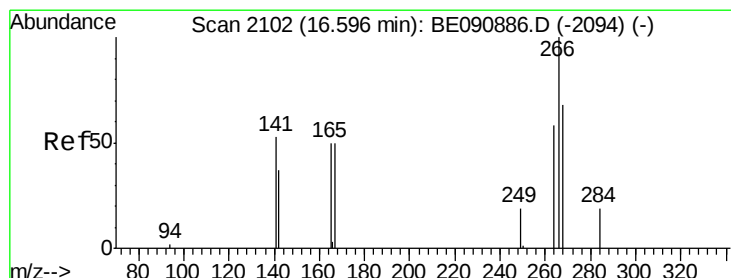
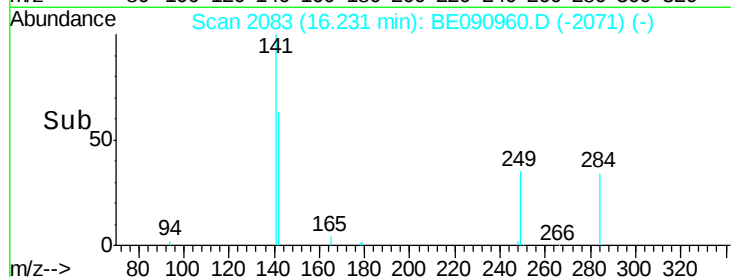
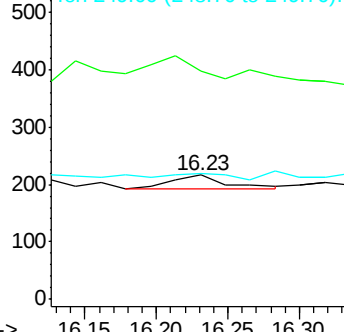
249 73.0 25.5 38.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.18 ng

RT: 16.58 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

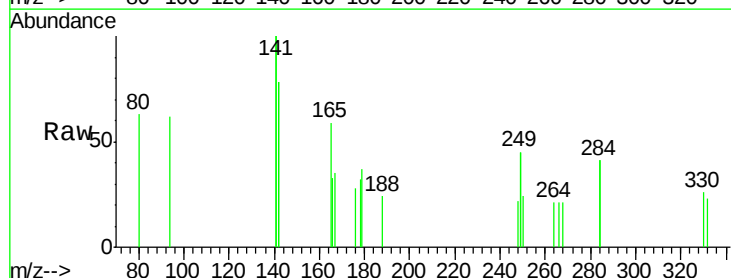
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

268 101.9 49.6 74.4#

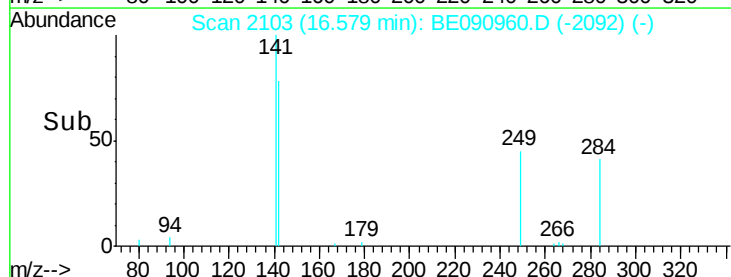
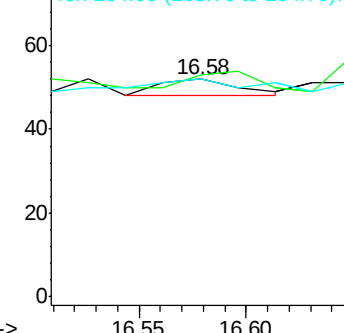
264 100.0 53.9 80.9#

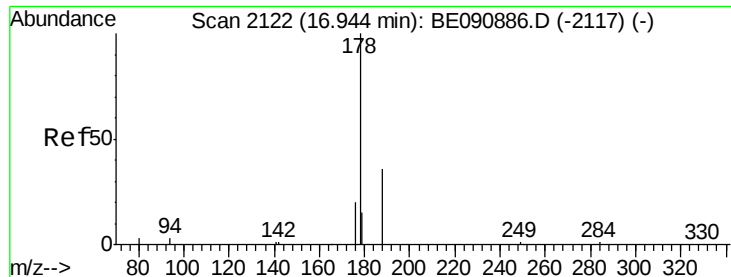


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Instrument :

BNA_E

ClientSampleId :

CPS043031

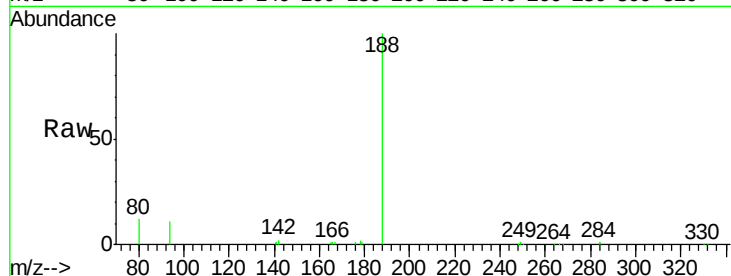
Tot Ion:178 Resp: 760

Ion Ratio Lower Upper

178 100

176 20.9 15.6 23.4

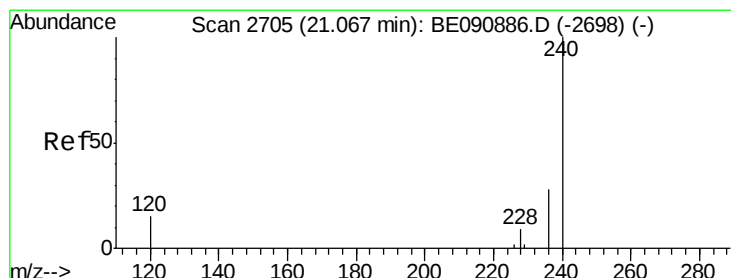
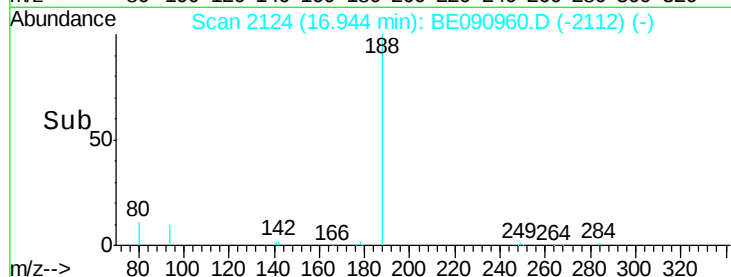
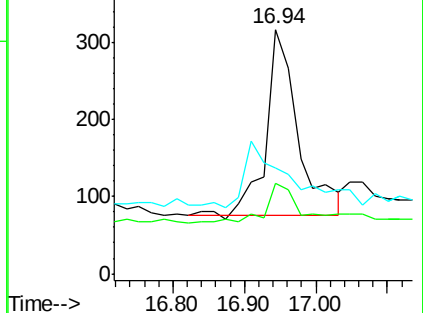
179 0.0 12.8 19.2#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2707

Delta R.T. 0.00 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

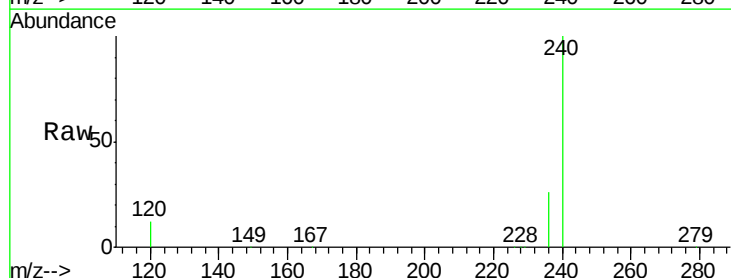
Tgt Ion:240 Resp: 283460

Ion Ratio Lower Upper

240 100

120 12.0 10.1 15.1

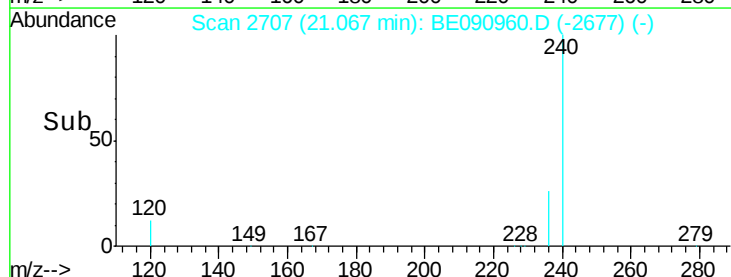
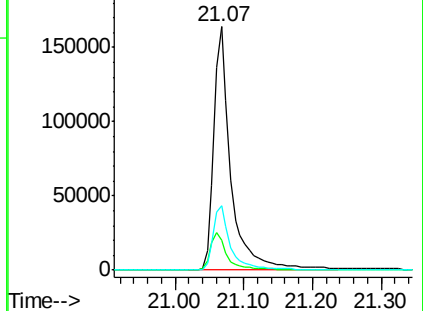
236 26.5 21.9 32.9

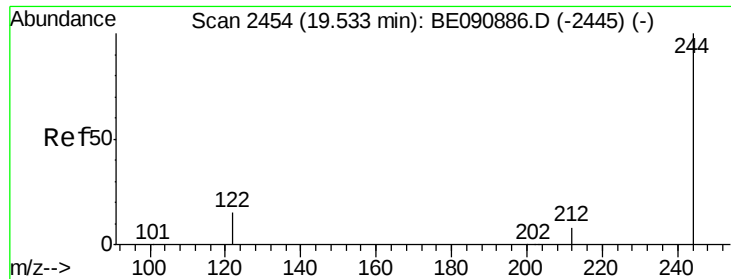


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 5.24 ng

RT: 19.52 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Instrument :

BNA_E

ClientSampled :

CPS043031

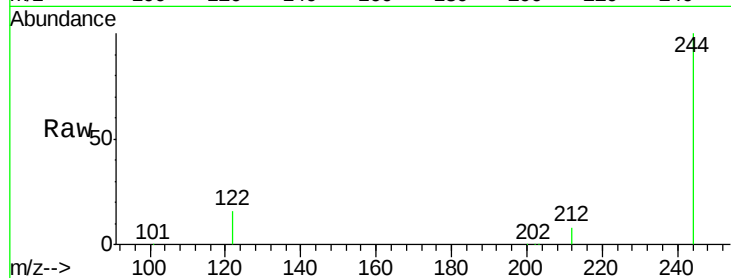
Tot Ion:244 Resp: 167951

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

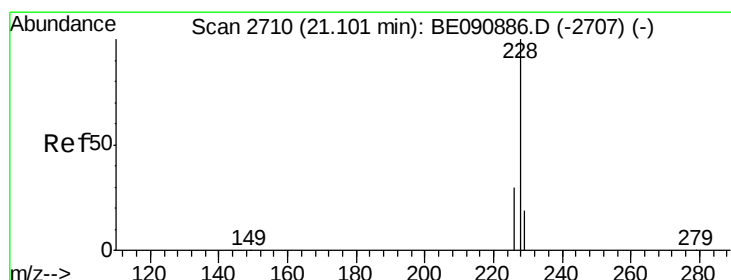
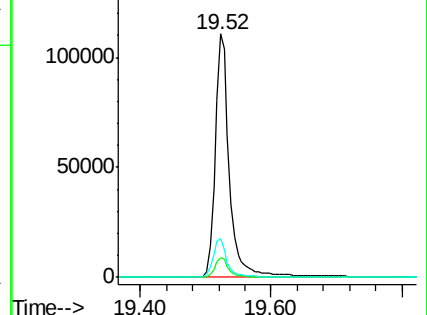
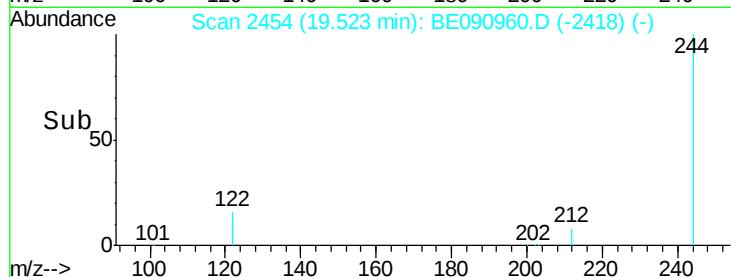
122 15.8 12.9 19.3



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



#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2712

Delta R.T. 0.00 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

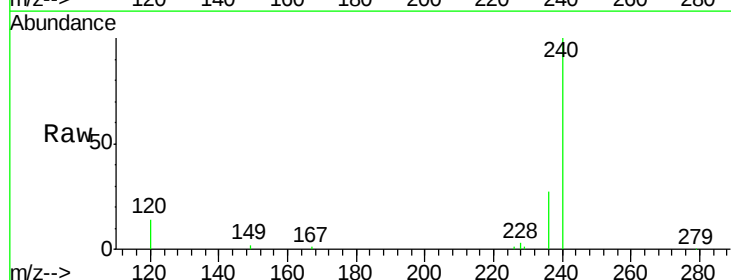
Tgt Ion:228 Resp: 937

Ion Ratio Lower Upper

228 100

226 38.3 24.2 36.4#

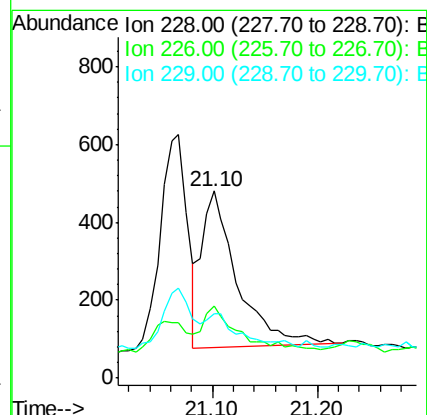
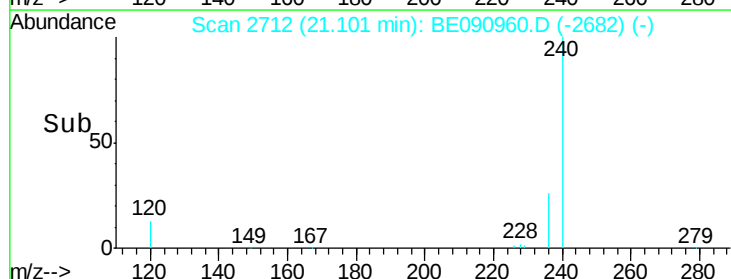
229 34.3 15.3 22.9#

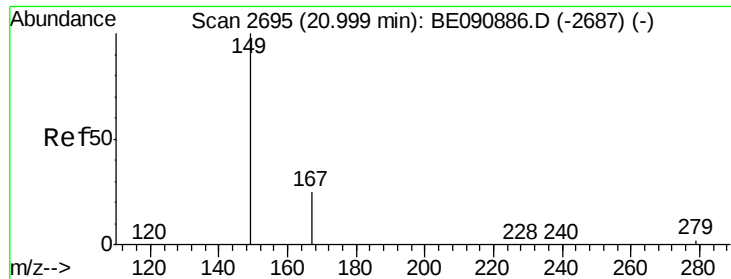


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Bis(2-ethylhexyl)phthalate

Concen: 0.68 ng

RT: 20.99 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Instrument :

BNA_E

ClientSampleId :

CPS043031

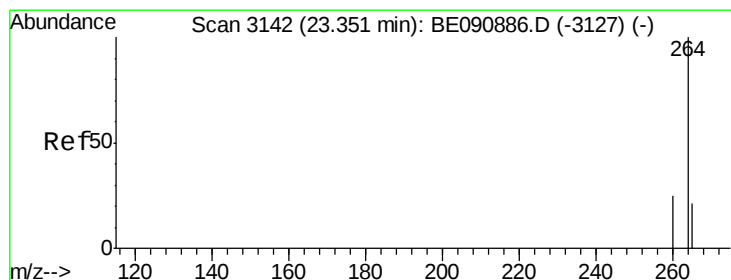
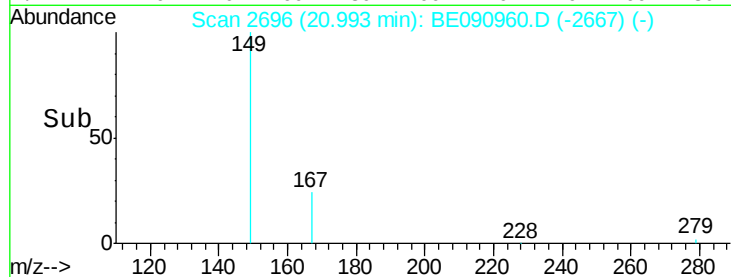
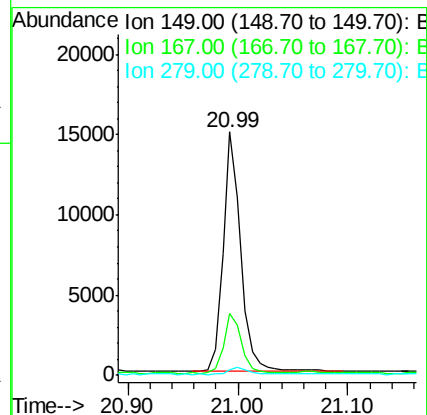
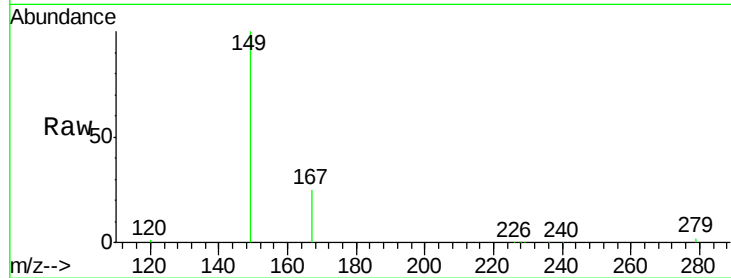
Tot Ion:149 Resp: 16978

Ion Ratio Lower Upper

149 100

167 24.5 20.1 30.1

279 2.8 2.3 3.5



#33

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BE090960.D

Acq: 23 Sep 2015 21:47

Tgt Ion:264 Resp: 255535

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 21.7 17.5 26.3

