

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090474.D
 Acq On : 12 Aug 2015 19:19
 Operator : UM/IZ
 Sample : G3250-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:21:18 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18820	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	84357	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	47508	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	114036	5.00	ng	0.00
25) Chrysene-d12	21.09	240	134109	5.00	ng	0.00
32) Perylene-d12	23.40	264	122208	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	10167	3.60	ng	0.00
5) Phenol-d6	6.77	99	9315	1.72	ng	0.00
7) Nitrobenzene-d5	8.73	82	20743	3.10	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	10307	7.37	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	50491	3.86	ng	0.00
27) Terphenyl-d14	19.55	244	101391	5.13	ng	-0.01

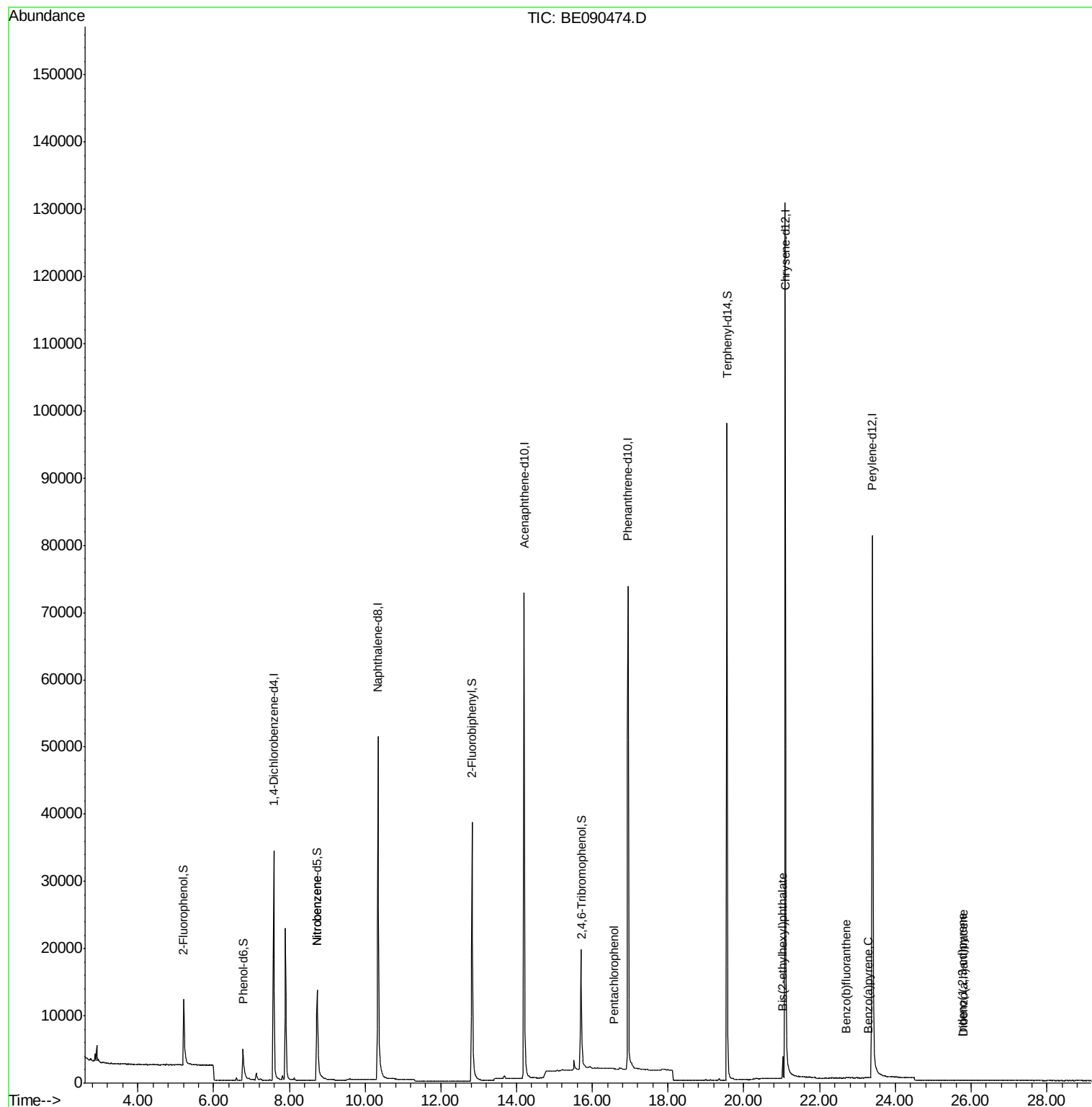
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	129	Below Cal	#	21
8) Nitrobenzene	8.74	77	52	0.22 ng	#	47
10) Hexachlorobutadiene	10.66	225	6	Below Cal	#	89
21) Pentachlorophenol	16.56	266	5	0.09 ng	#	69
30) Bis(2-ethylhexyl)phthalate	21.03	149	3014	0.52 ng	#	99
31) Indeno(1,2,3-cd)pyrene	25.77	276	42	0.25 ng	#	72
33) Benzo(b)fluoranthene	22.70	252	90	0.20 ng	#	1
35) Benzo(a)pyrene	23.29	252	35	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.79	278	19	0.28 ng	#	1

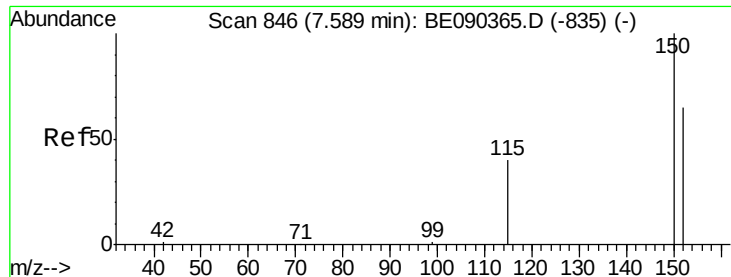
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
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ALS Vial : 41 Sample Multiplier: 1

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BNA_E
ClientSampleId :

Quant Time: Aug 13 01:21:18 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
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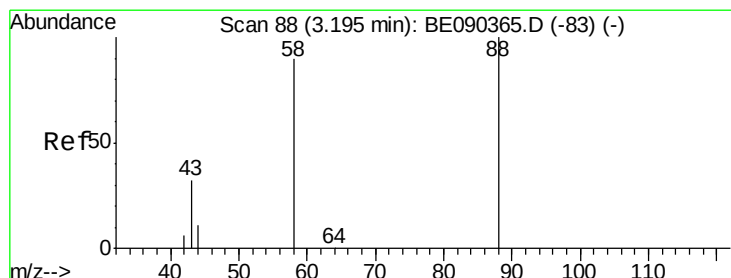
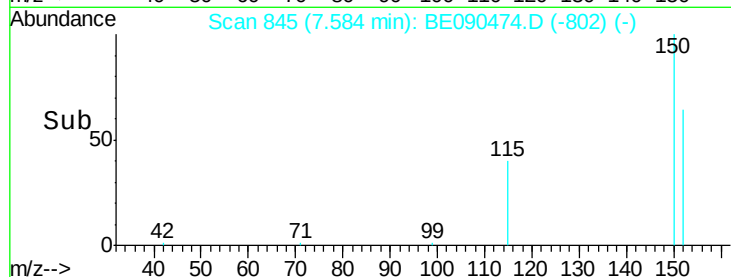
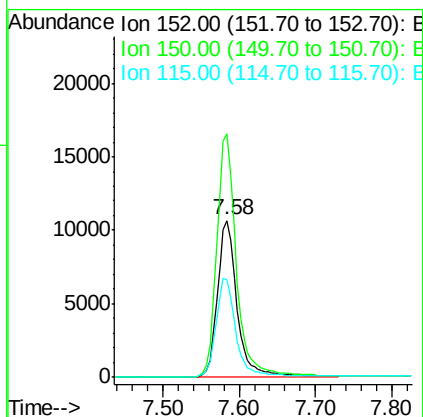
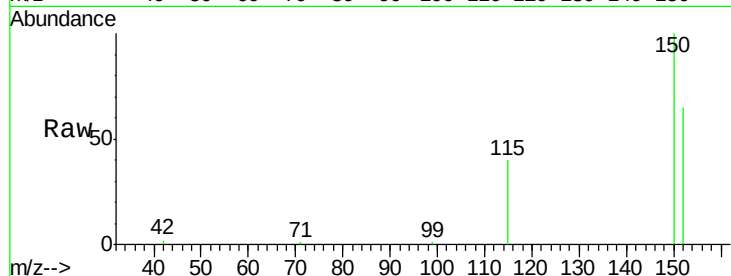


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

Instrument :
BNA_E
ClientSampled :

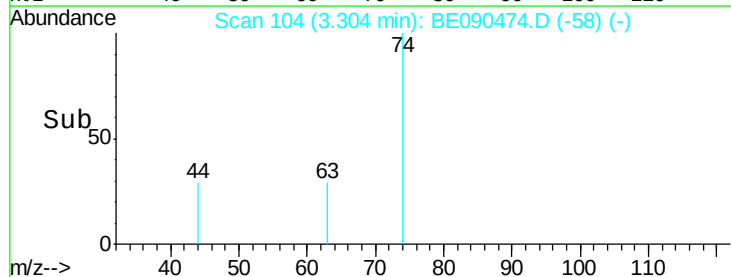
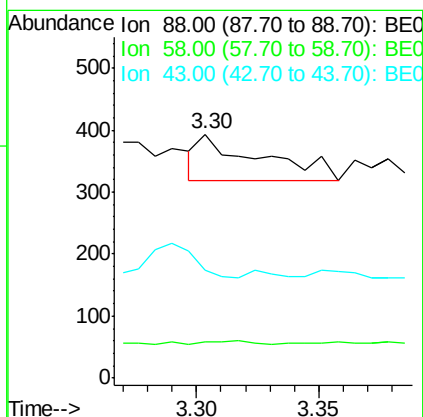
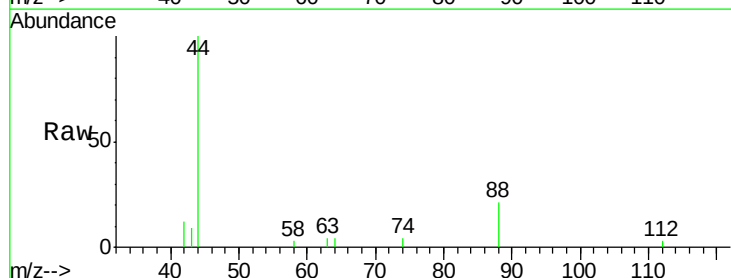
Tot Ion:152 Resp: 18820
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.4
115 61.9 48.9 73.3

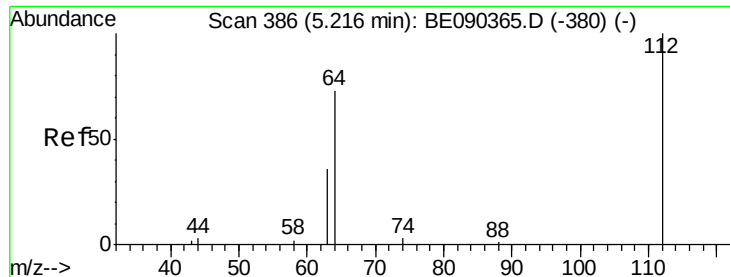


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 104
Delta R.T. 0.11 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

Tgt Ion: 88 Resp: 129
Ion Ratio Lower Upper
88 100
58 1.6 70.0 105.0#
43 62.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 3.60 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Instrument :

BNA_E

ClientSampled :

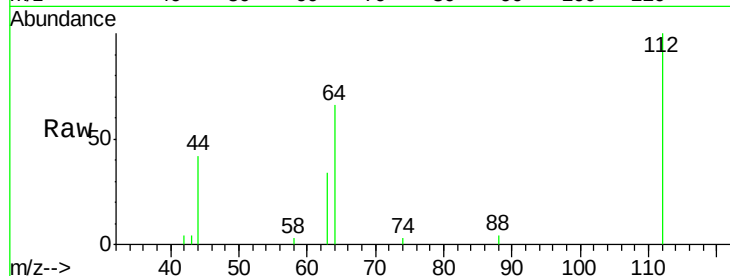
Tot Ion:112 Resp: 10167

Ion Ratio Lower Upper

112 100

64 71.3 37.1 55.7#

63 36.7 19.5 29.3#

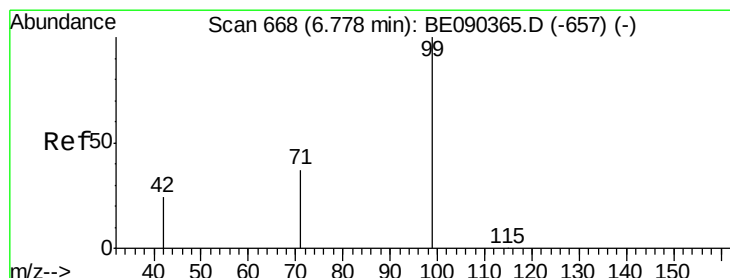
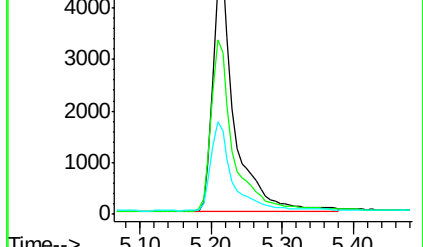
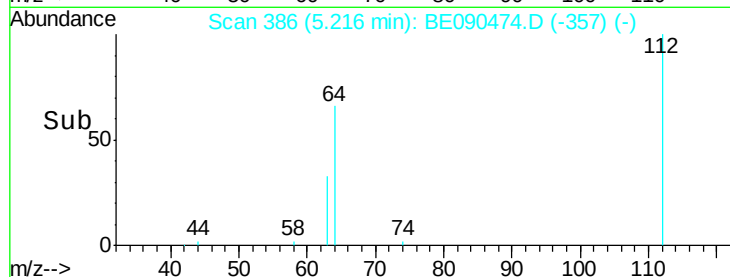


Abundance Ion 112.00 (111.70 to 112.70): BE090365.D (-380) (-)

Ion 64.00 (63.70 to 64.70): BE090365.D (-380) (-)

Ion 63.00 (62.70 to 63.70): BE090365.D (-380) (-)

Time-->



#5

Phenol-d6

Concen: 1.72 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

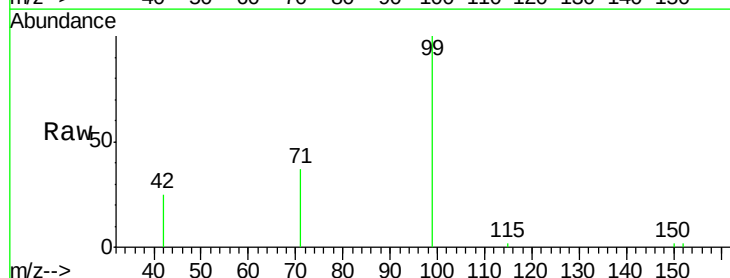
Tgt Ion: 99 Resp: 9315

Ion Ratio Lower Upper

99 100

42 21.7 18.2 27.4

71 36.5 27.4 41.0

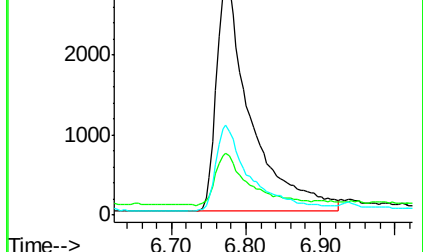
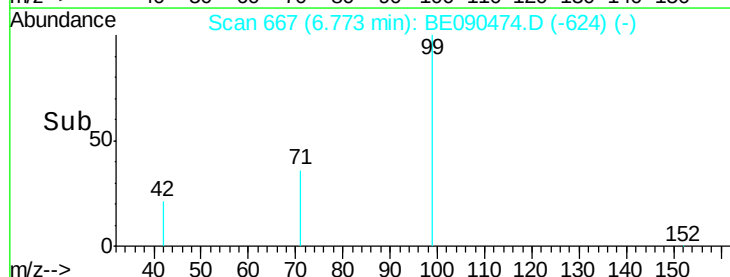


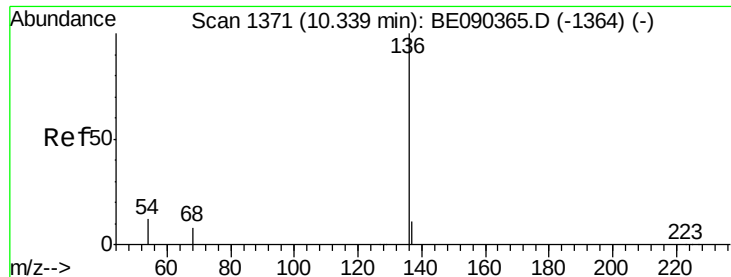
Abundance Ion 99.00 (98.70 to 99.70): BE090365.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BE090365.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BE090365.D (-657) (-)

Time-->





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

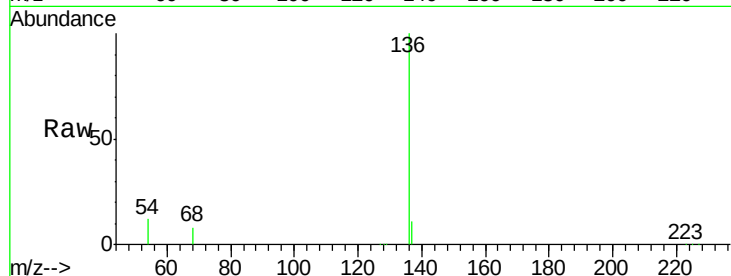
Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 84357

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.5	9.4	14.0
68	8.3	6.5	9.7

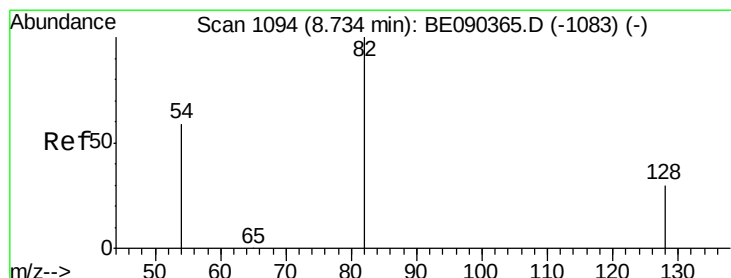
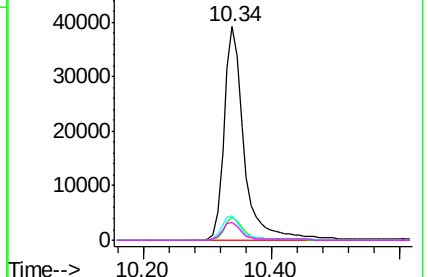
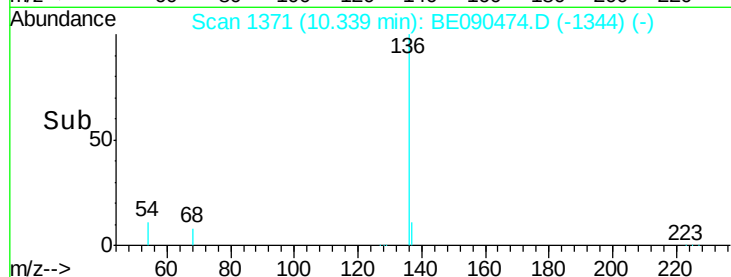


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.10 ng

RT: 8.73 min Scan# 1093

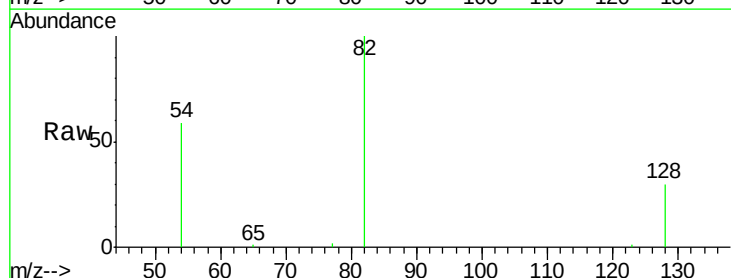
Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Tgt Ion: 82 Resp: 20743

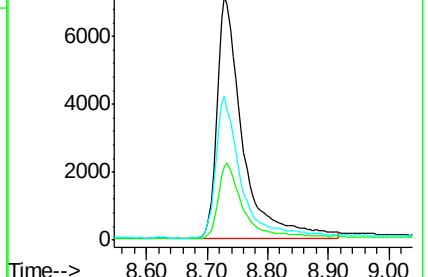
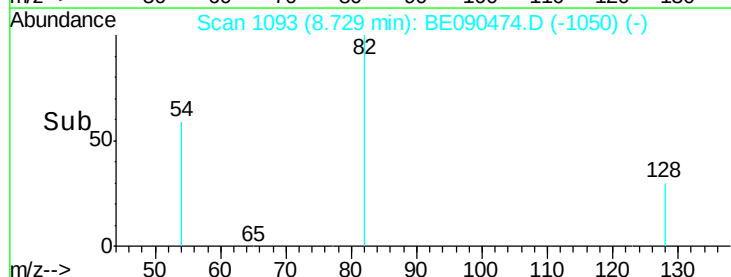
Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.0	37.6
54	59.2	48.8	73.2

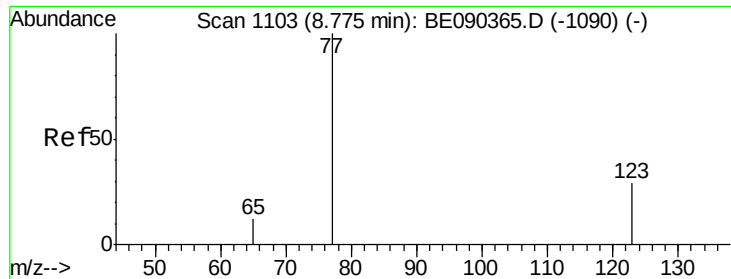


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.22 ng

RT: 8.74 min Scan# 1095

Delta R.T. -0.04 min

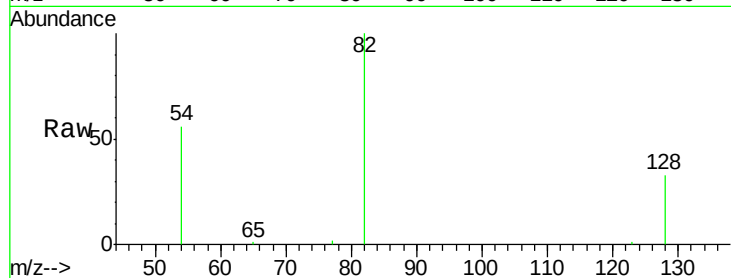
Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

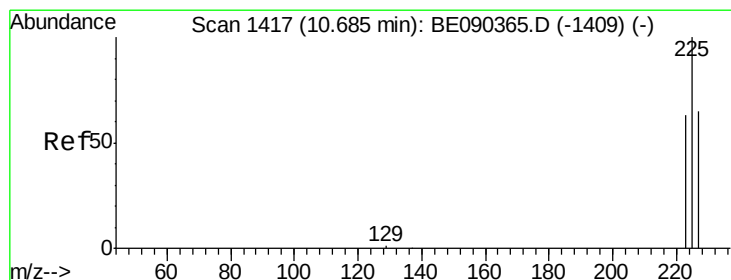
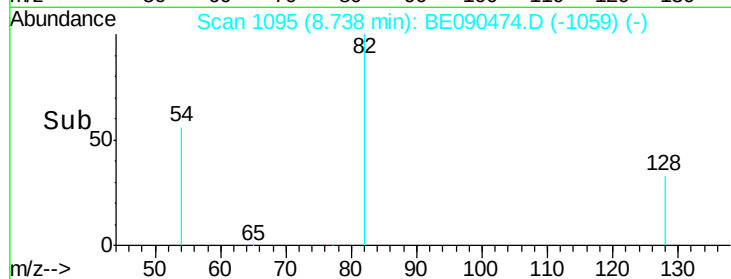
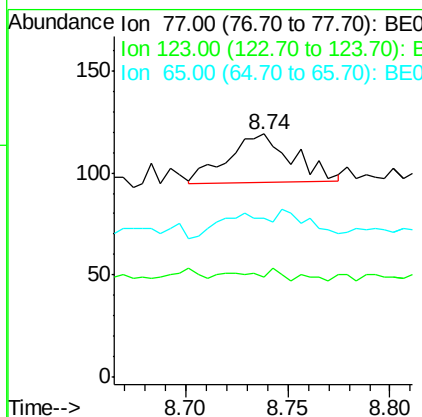
Instrument :

BNA_E

ClientSampled :



Tot Ion:	77	Resp:	52
Ion	Ratio	Lower	Upper
77	100		
123	5.8	25.1	37.7#
65	38.5	9.3	13.9#



#10

Hexachlorobutadiene

Concen: Below Cal

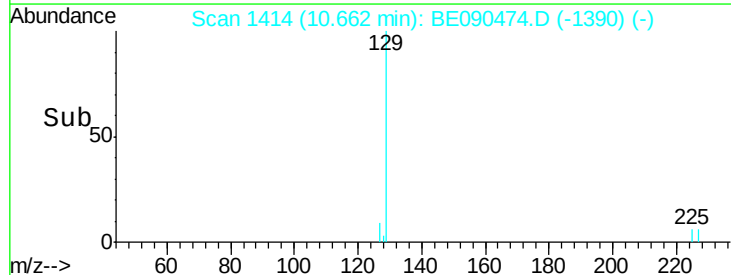
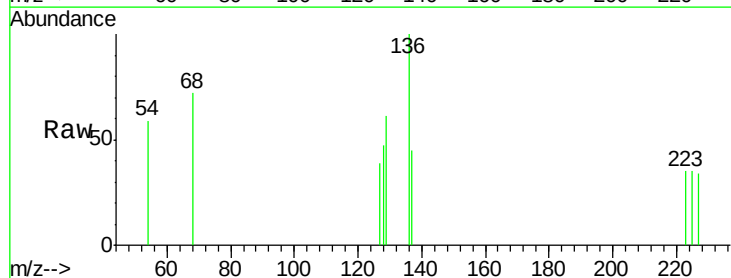
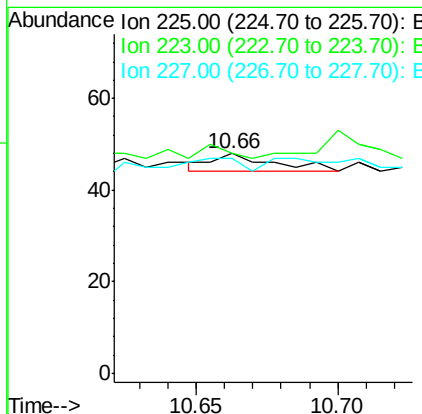
RT: 10.66 min Scan# 1414

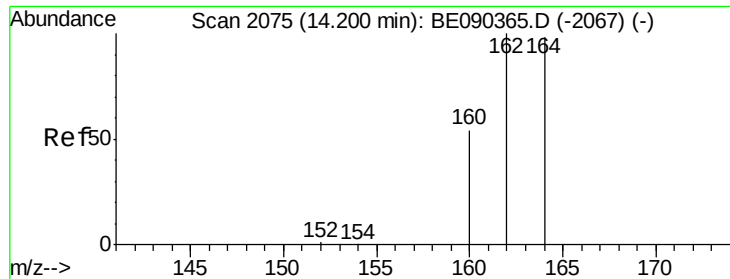
Delta R.T. -0.02 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Tgt Ion:	225	Resp:	6
Ion	Ratio	Lower	Upper
225	100		
223	50.0	50.6	75.8#
227	66.7	50.7	76.1

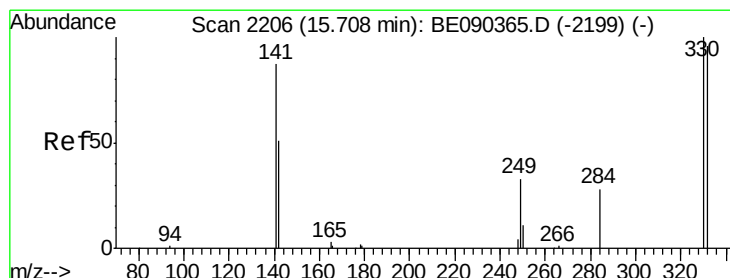
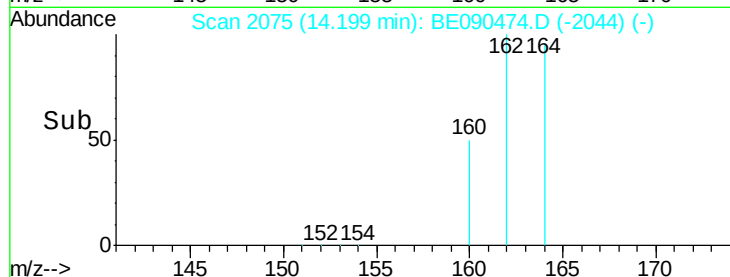
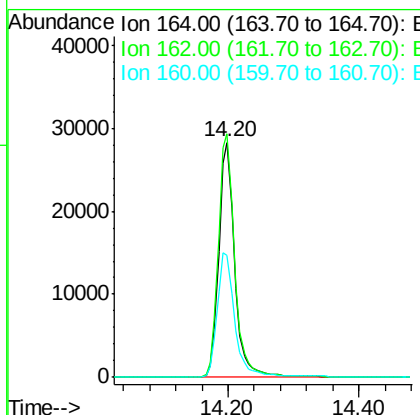
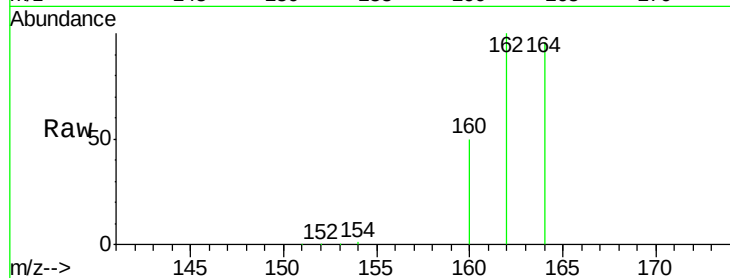




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

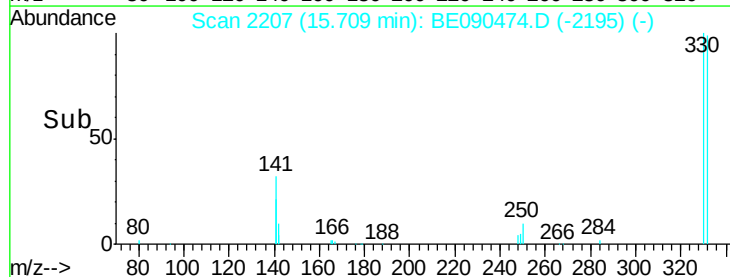
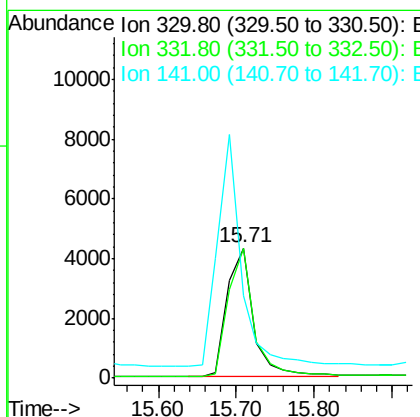
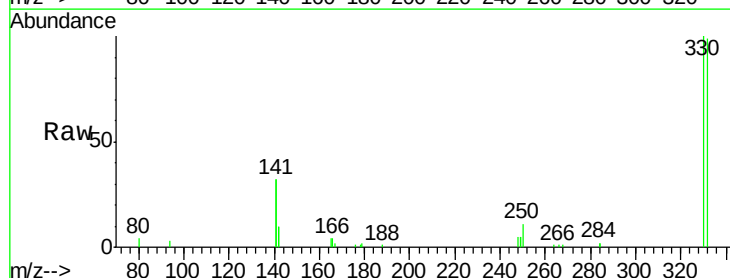
Instrument :
BNA_E
ClientSampleId :

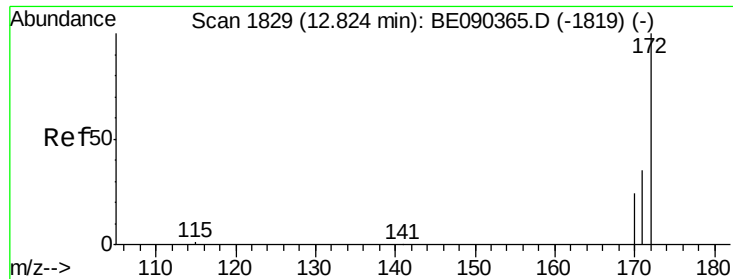
Tot Ion:164 Resp: 47508
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.8
160 52.0 44.2 66.4



#13
2,4,6-Tribromophenol
Concen: 7.37 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

Tgt Ion:330 Resp: 10307
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 161.5 114.4 171.6

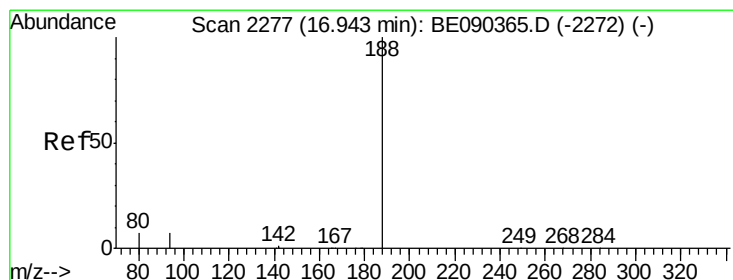
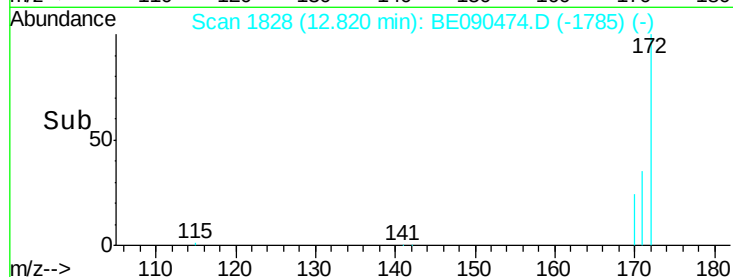
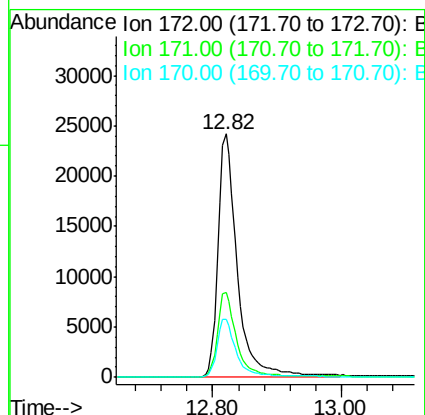
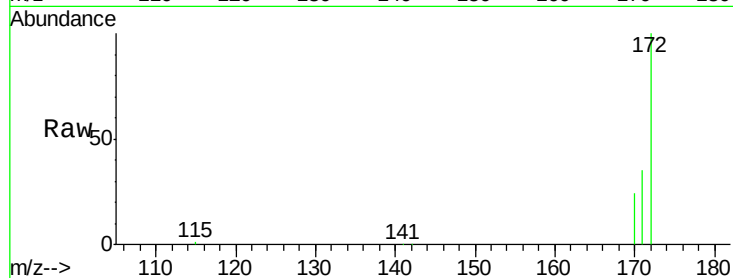




#14
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

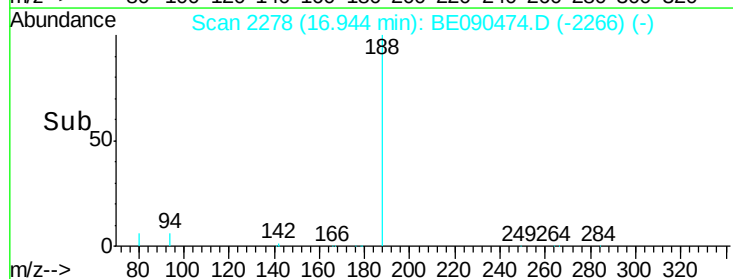
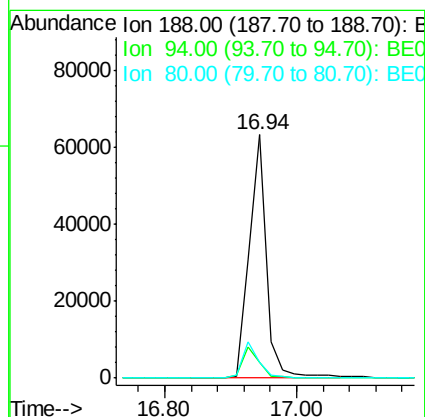
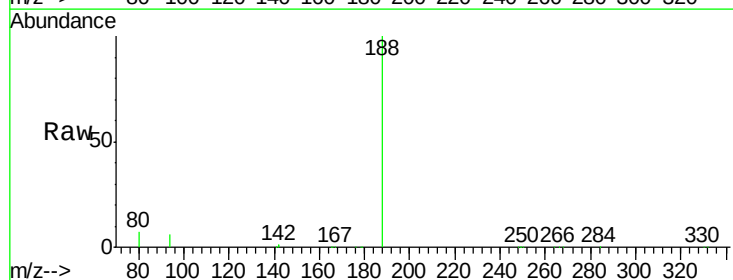
Instrument :
BNA_E
ClientSampleId :

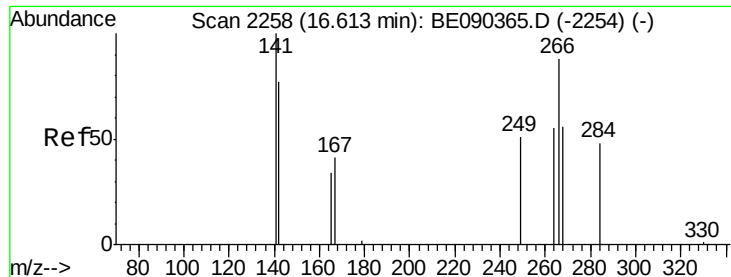
Tot Ion:172 Resp: 50491
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.7 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

Tgt Ion:188 Resp: 114036
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 6.6 5.8 8.8

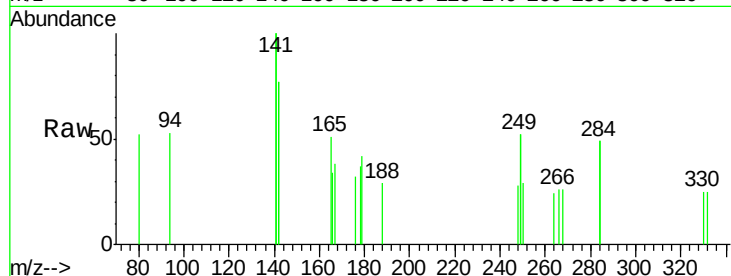




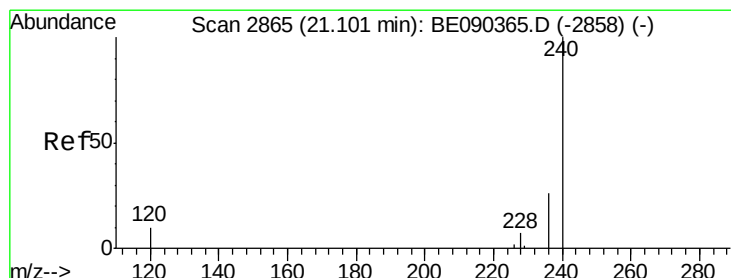
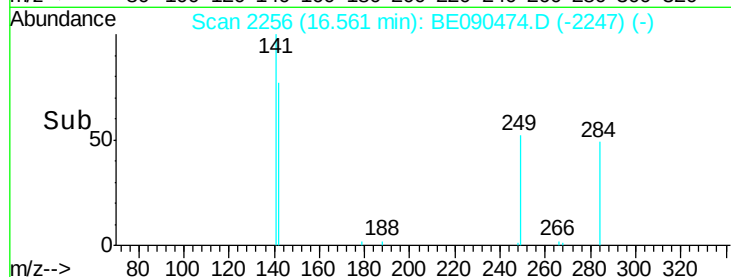
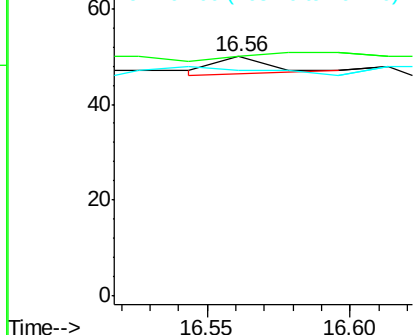
#21
 Pentachlorophenol
 Concen: 0.09 ng
 RT: 16.56 min Scan# 2256
 Delta R.T. -0.05 min
 Lab File: BE090474.D
 Acq: 12 Aug 2015 19:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 94.0 56.0 84.0#

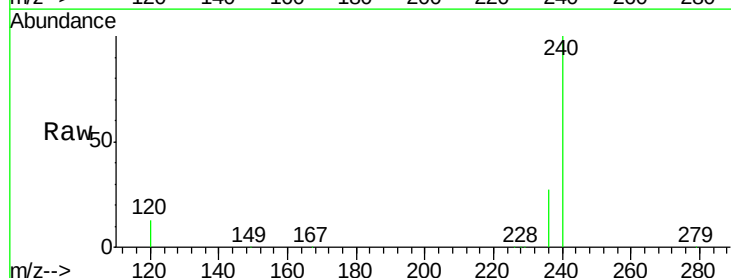


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

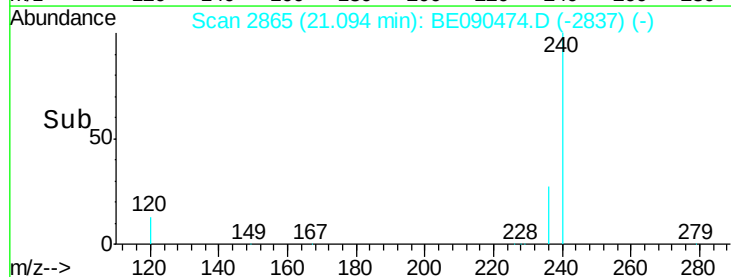
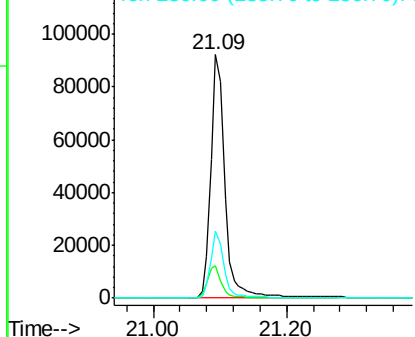


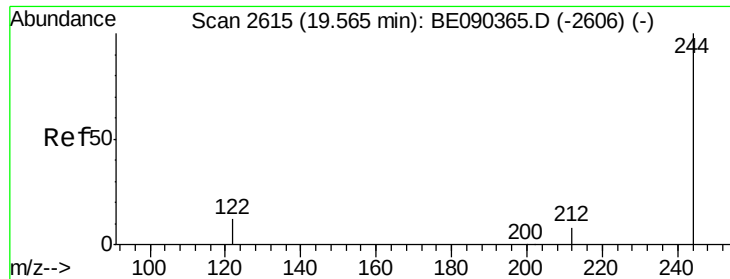
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090474.D
 Acq: 12 Aug 2015 19:19

Tgt Ion:240 Resp: 134109
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.3 12.5#
 236 27.5 21.0 31.4



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





#27

Terphenyl-d14

Concen: 5.13 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Instrument :

BNA_E

ClientSampleId :

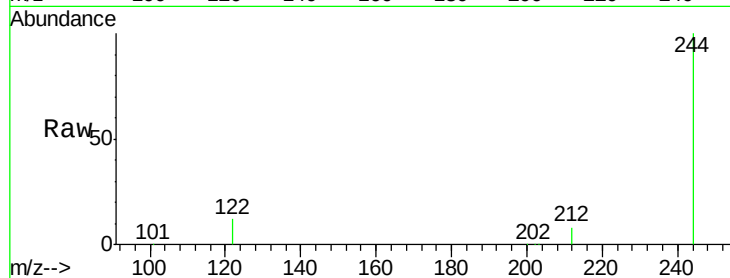
Tot Ion:244 Resp: 101391

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

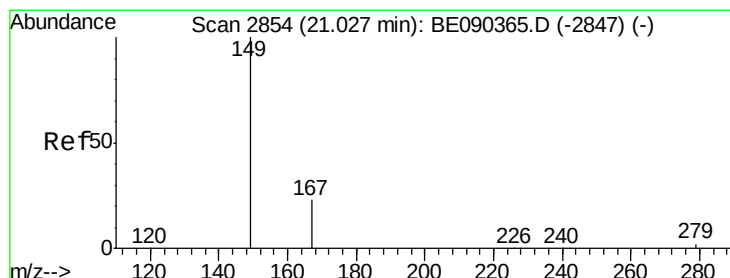
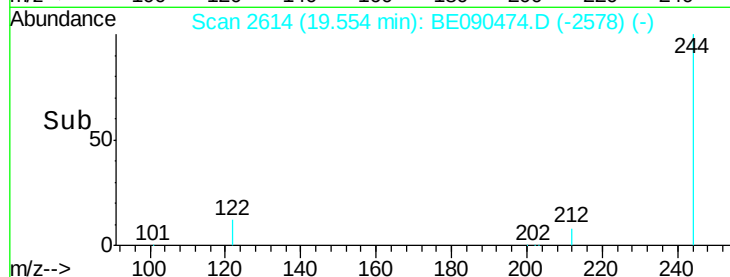
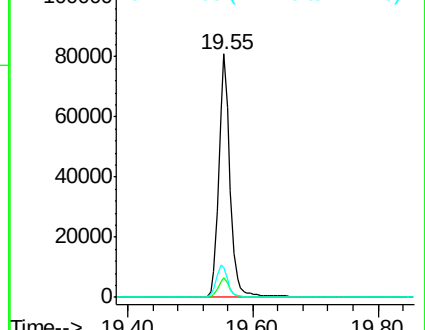
122 12.4 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.52 ng

RT: 21.03 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

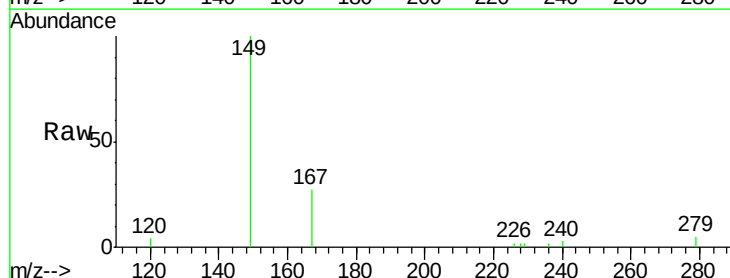
Tgt Ion:149 Resp: 3014

Ion Ratio Lower Upper

149 100

167 24.5 19.8 29.8

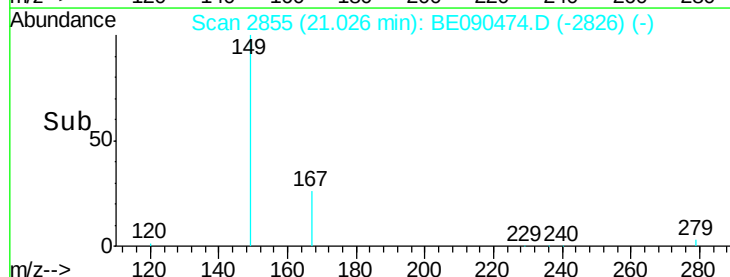
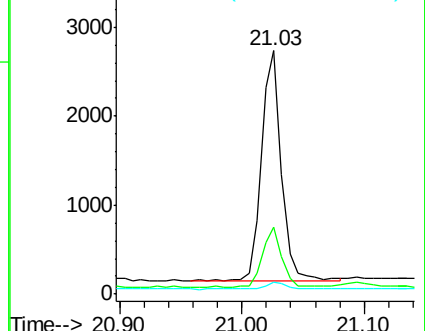
279 3.0 2.4 3.6

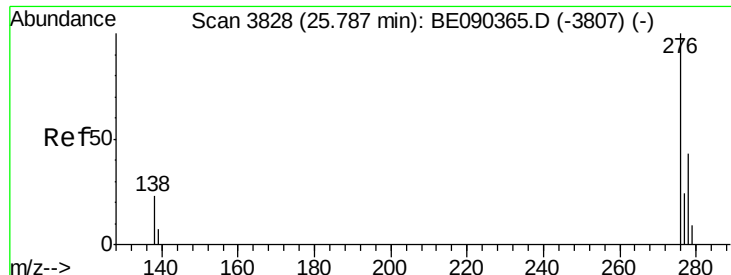


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

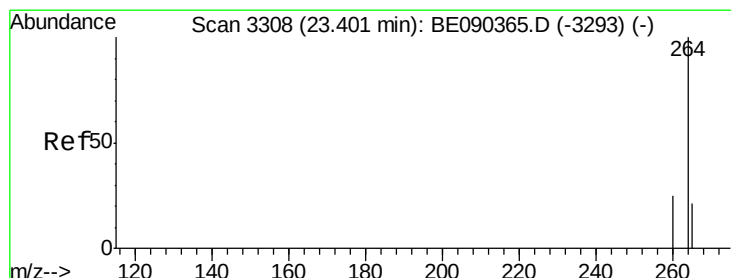
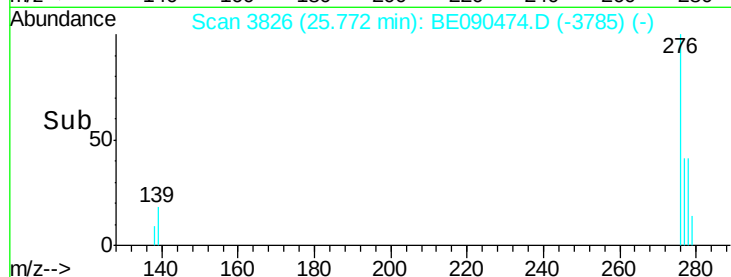
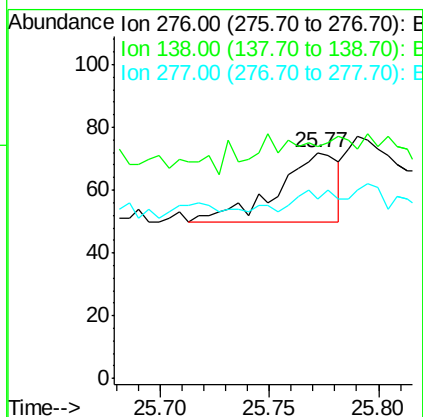
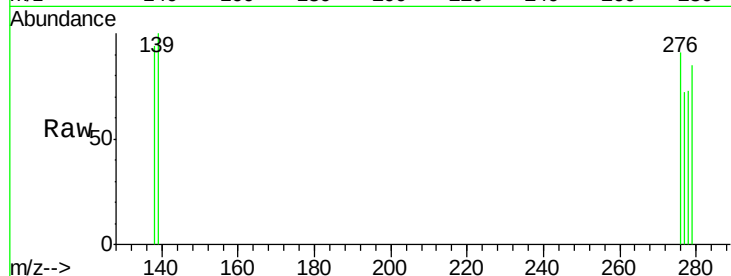




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 25.77 min Scan# 3826
Delta R.T. -0.01 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

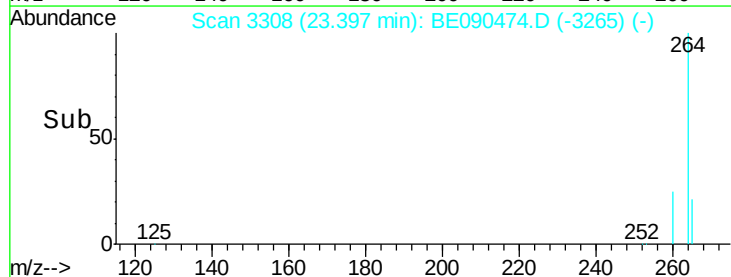
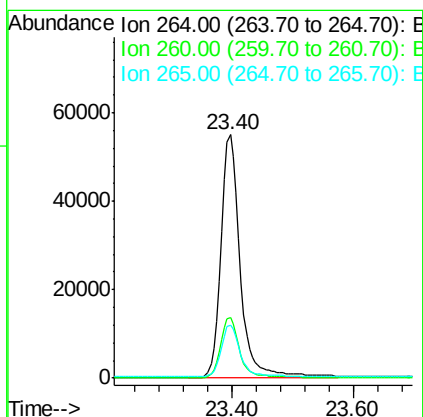
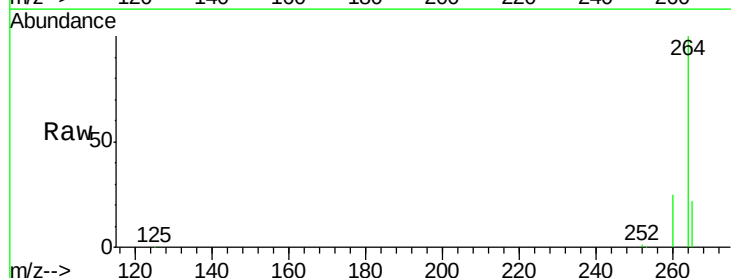
Instrument :
BNA_E
ClientSampleId :

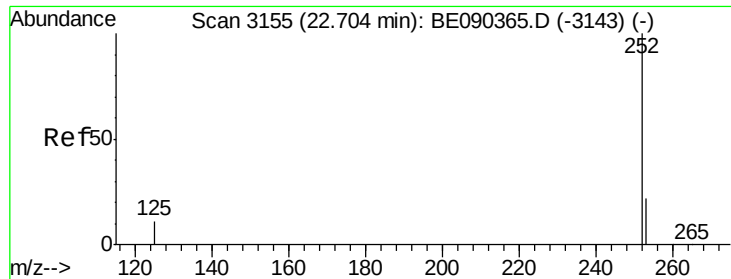
Tot Ion:276 Resp: 42
Ion Ratio Lower Upper
276 100
138 0.0 18.8 28.2#
277 26.2 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090474.D
Acq: 12 Aug 2015 19:19

Tgt Ion:264 Resp: 122208
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 21.9 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.70 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Instrument :

BNA_E

ClientSampleId :

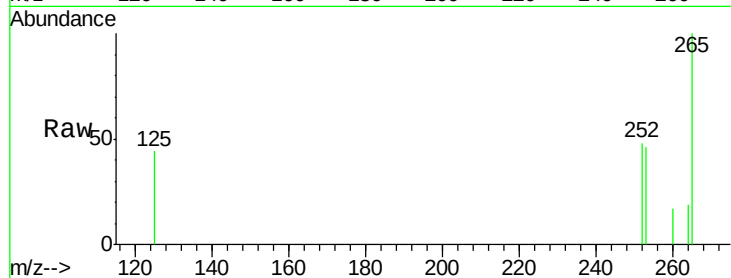
Tot Ion:252 Resp: 90

Ion Ratio Lower Upper

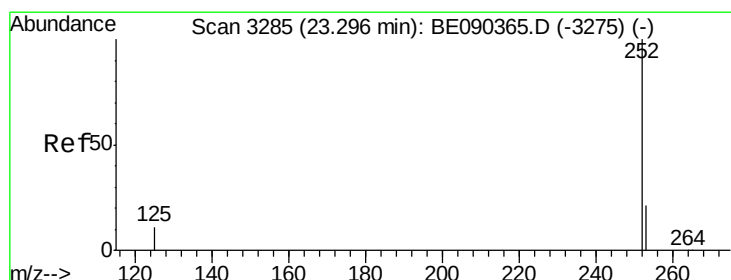
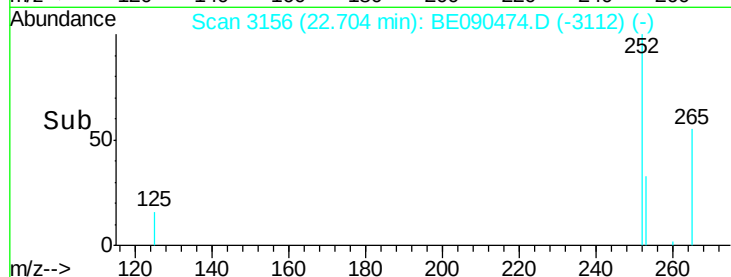
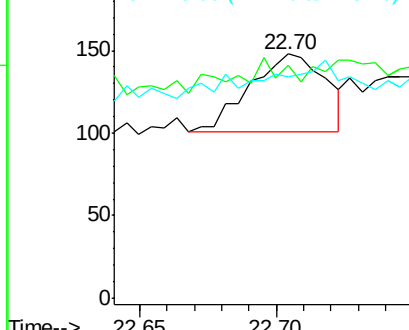
252 100

253 95.3 18.1 27.1#

125 90.5 9.4 14.2#



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: 0.23 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

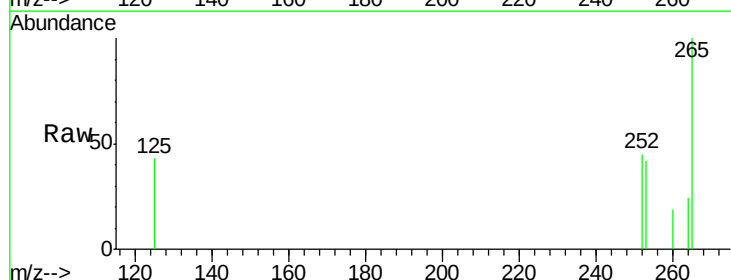
Tgt Ion:252 Resp: 35

Ion Ratio Lower Upper

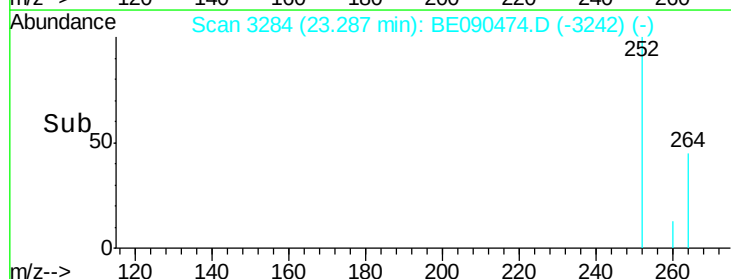
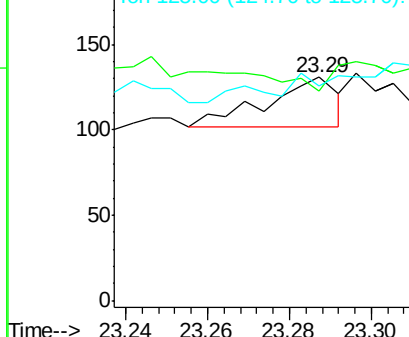
252 100

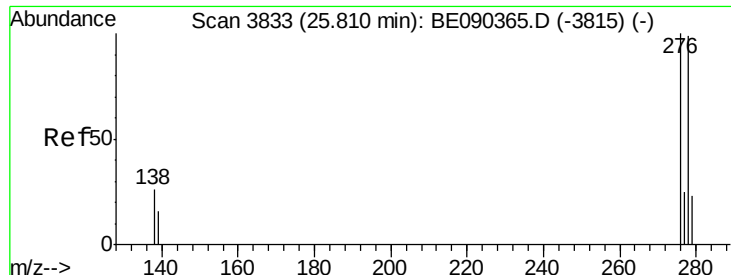
253 93.9 17.6 26.4#

125 96.2 9.8 14.6#



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: 0.28 ng

RT: 25.79 min Scan# 3830

Delta R.T. -0.02 min

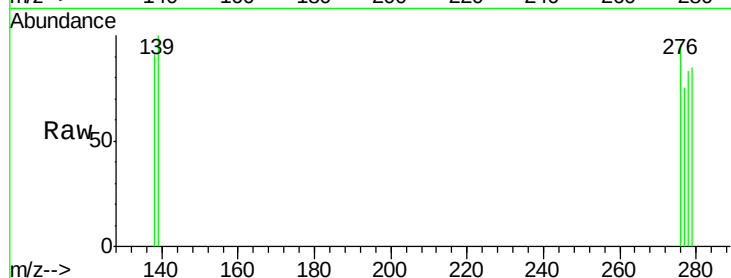
Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 278 Resp: 19

Ion Ratio Lower Upper

278 100

139 121.2 14.2 21.4#

279 103.0 20.1 30.1#

