Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090390.D
Acq On : 6 Aug 2015 15:22
Operator : TP/UM
Sample : G3174-03RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 080215-D506-F-U-BRE

Quant Time: Aug 06 16:14:58 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	33281	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	146381	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	84362	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	200469	5.00	ng		0.00
25) Chrysene-d12	21.10	240	244546	5.00	ng		0.00
32) Perylene-d12	23.40	264	234892	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	18435	3.69	ng		0.00
5) Phenol-d6	6.77	99	14698	1.56	ng		0.00
7) Nitrobenzene-d5	8.73	82	41632	3.55	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	22053	8.36	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	99404	4.28	ng		0.00
27) Terphenyl-d14	19.55	244	176381	4.90	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.49	42	122	0.02	ng	#	4
8) Nitrobenzene	8.80	77	8	0.21	ng	#	67
10) Hexachlorobutadiene	10.67	225	3	Below Cal		#	14
21) Pentachlorophenol	16.61	266	40	0.12	ng	#	73
30) Bis(2-ethylhexyl)phthalate	21.03	149	3060	0.34	ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	221	0.26	ng		97
33) Benzo(b)fluoranthene	22.71	252	462	0.20	ng	#	1
35) Benzo(a)pyrene	23.29	252	147	0.23	ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	148	0.29	ng	#	1

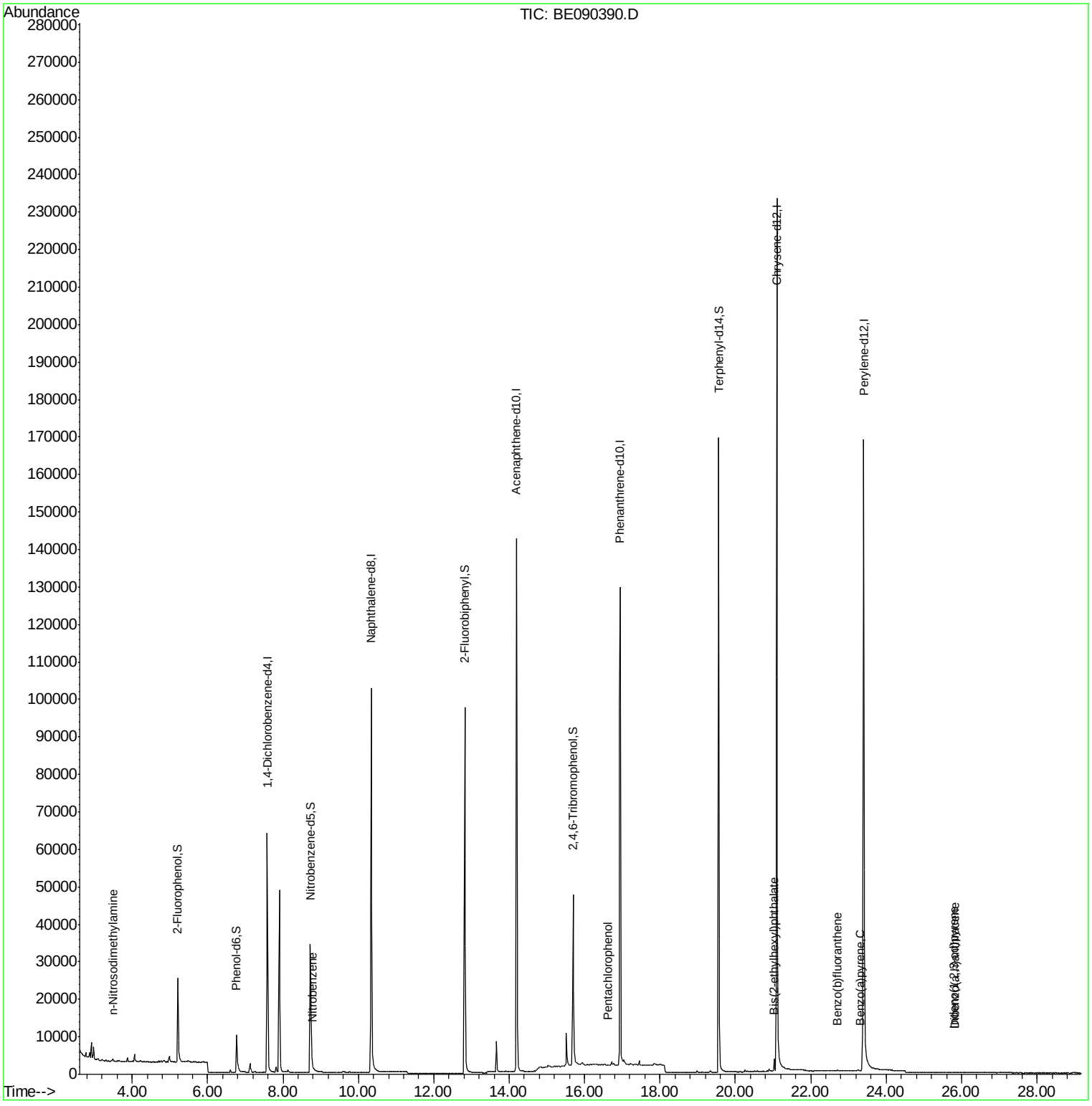
(#) = qualifier out of range (m) = manual integration (+) = signals summed

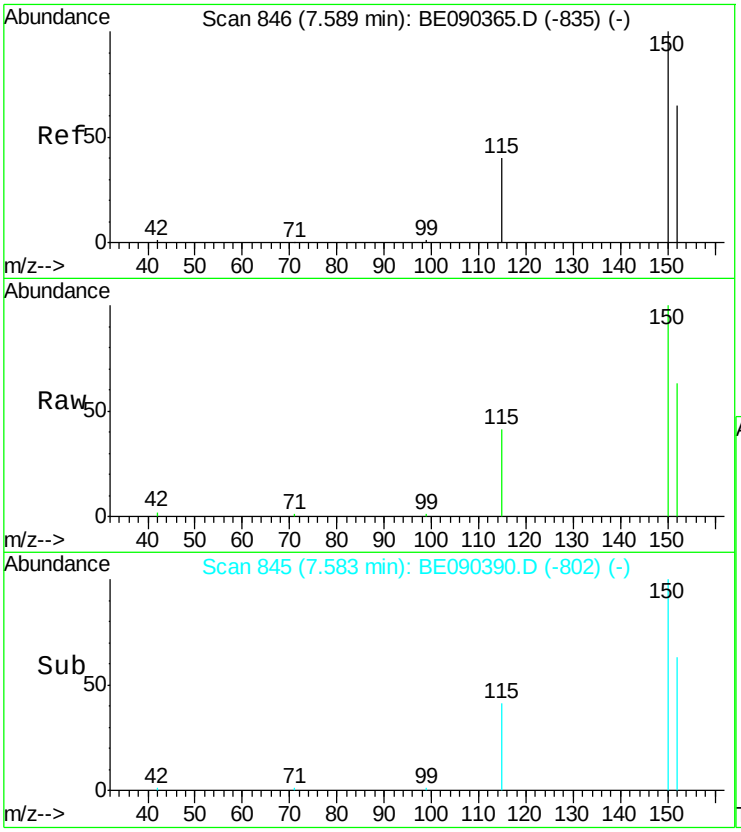
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090390.D
Acq On : 6 Aug 2015 15:22
Operator : TP/UM
Sample : G3174-03RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Quant Time: Aug 06 16:14:58 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



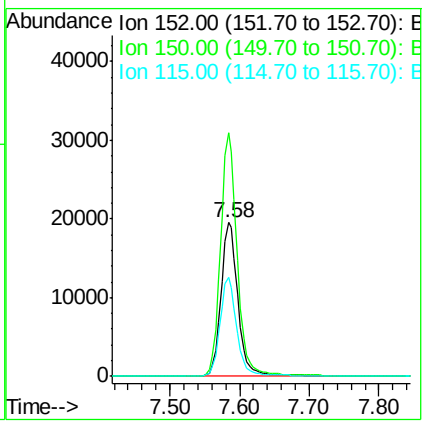


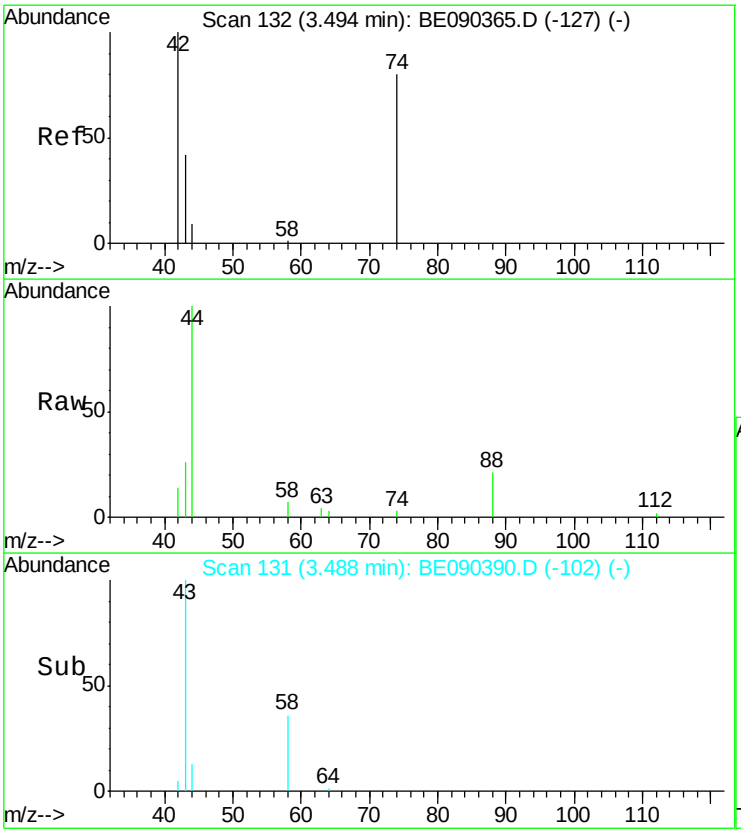
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:152 Resp: 33281

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.0	184.4
115	64.5	48.9	73.3

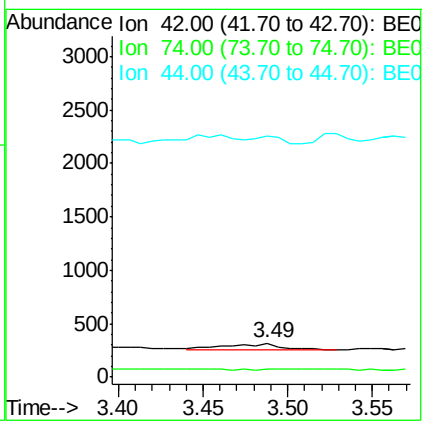


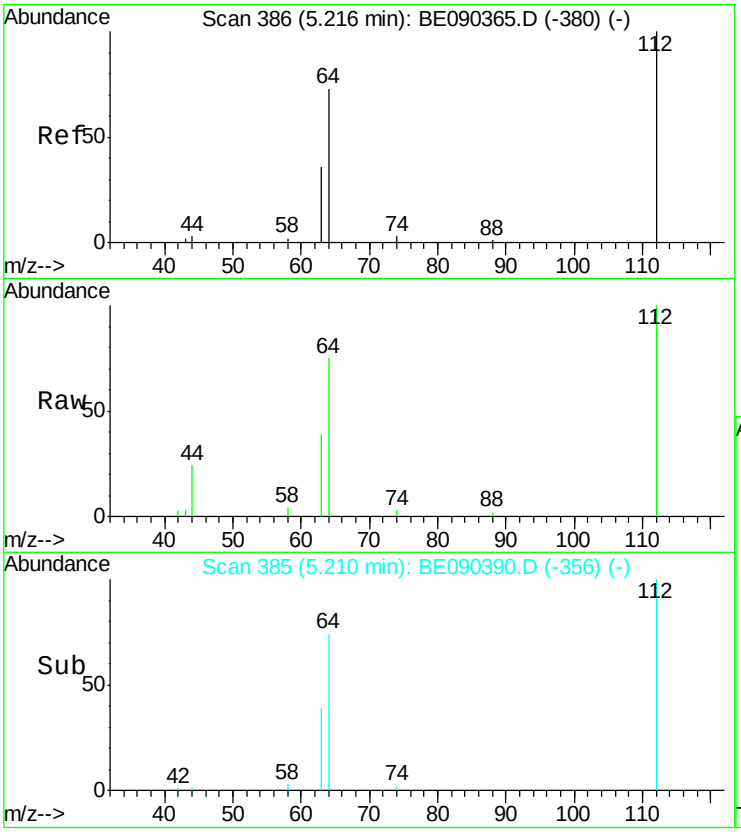


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion: 42 Resp: 122

Ion	Ratio	Lower	Upper
42	100		
74	8.2	75.2	112.8#
44	68.9	8.7	13.1#



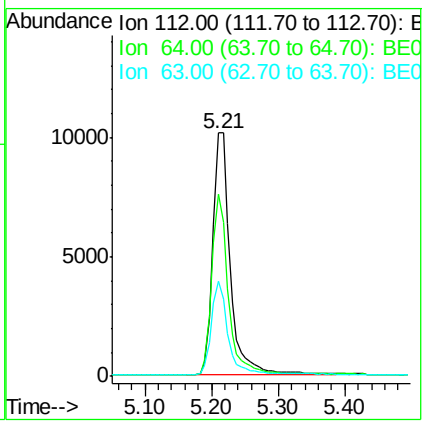


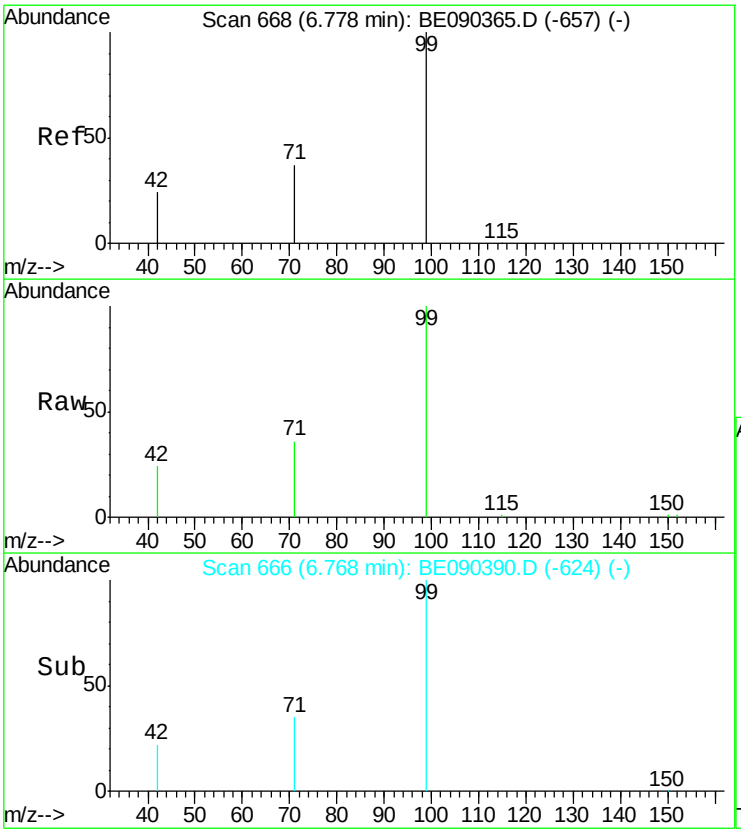
#4
2-Fluorophenol
Concen: 3.69 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:112 Resp: 18435

Ion	Ratio	Lower	Upper
112	100		
64	70.5	37.1	55.7#
63	35.8	19.5	29.3#

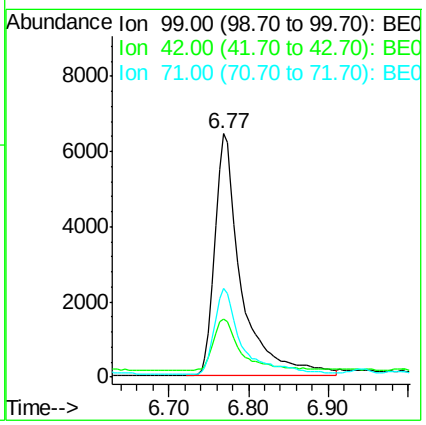


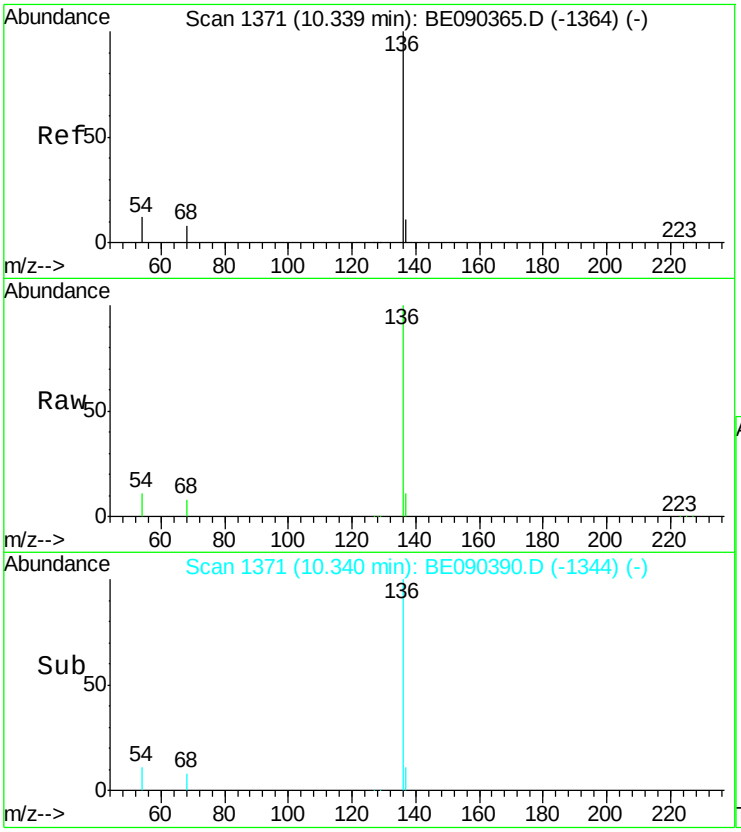


#5
Phenol-d6
Concen: 1.56 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion: 99 Resp: 14698

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.2	27.4
71	37.2	27.4	41.0



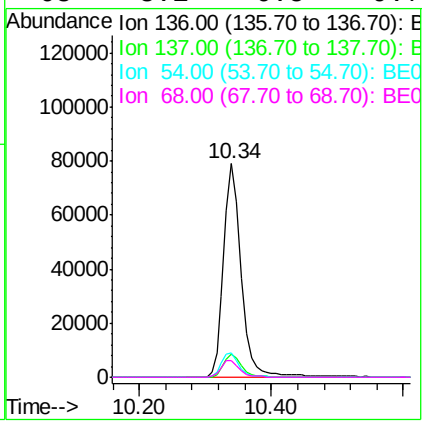


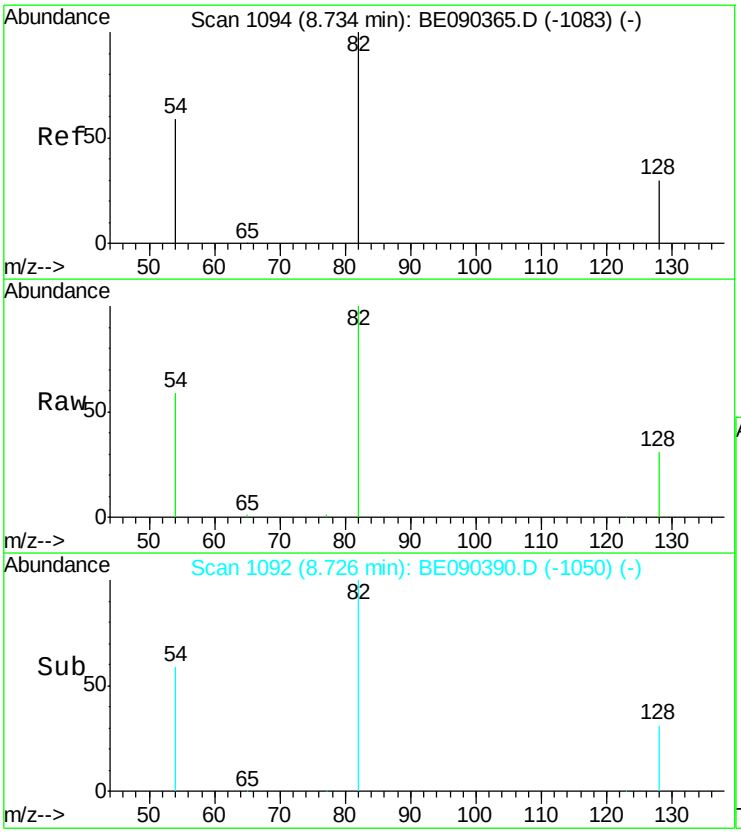
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:136 Resp: 146381

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.2	9.4	14.0
68	8.1	6.5	9.7

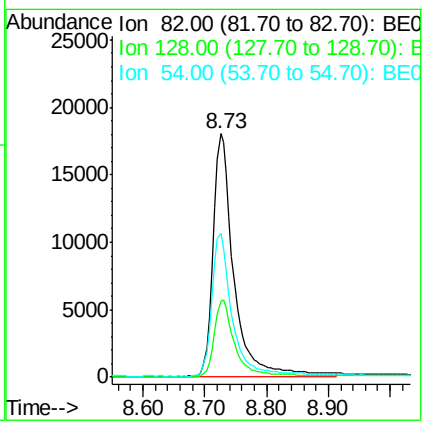


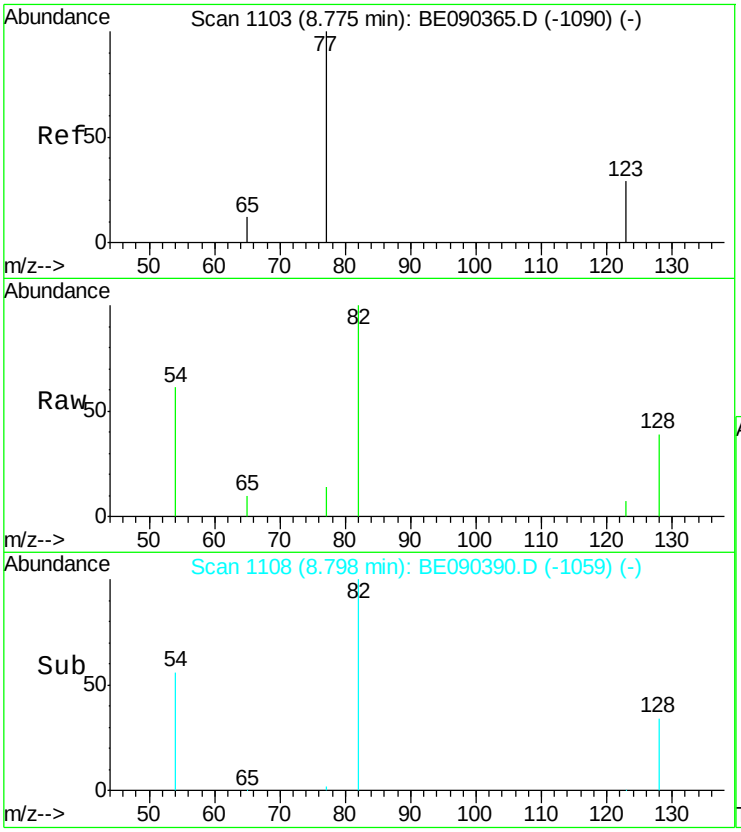


#7
Nitrobenzene-d5
Concen: 3.55 ng
RT: 8.73 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion: 82 Resp: 41632

Ion	Ratio	Lower	Upper
82	100		
128	31.4	25.0	37.6
54	58.9	48.8	73.2



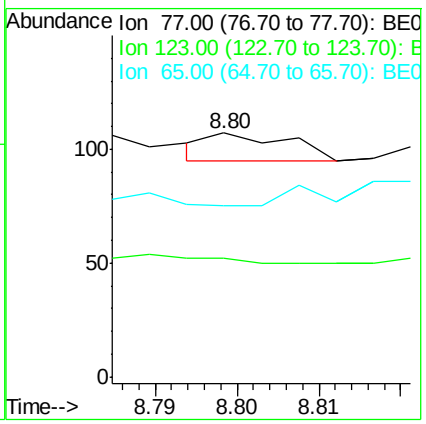


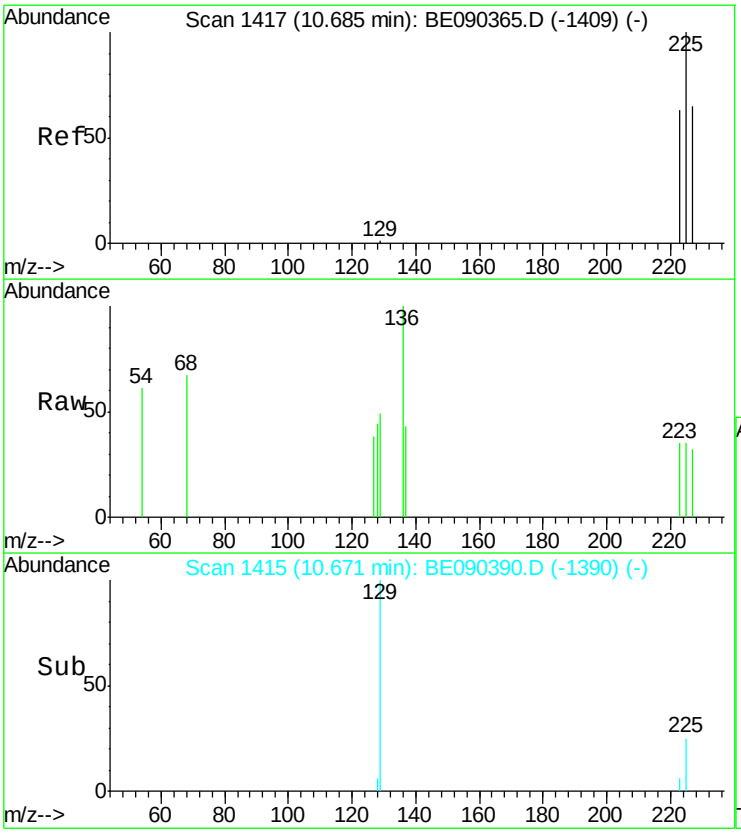
#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.80 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion: 77 Resp: 8

Ion	Ratio	Lower	Upper
77	100		
123	50.0	25.1	37.7#
65	0.0	9.3	13.9#

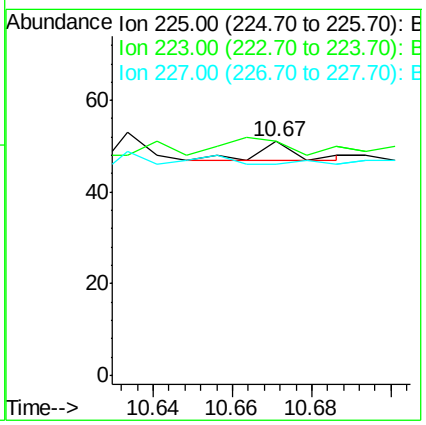


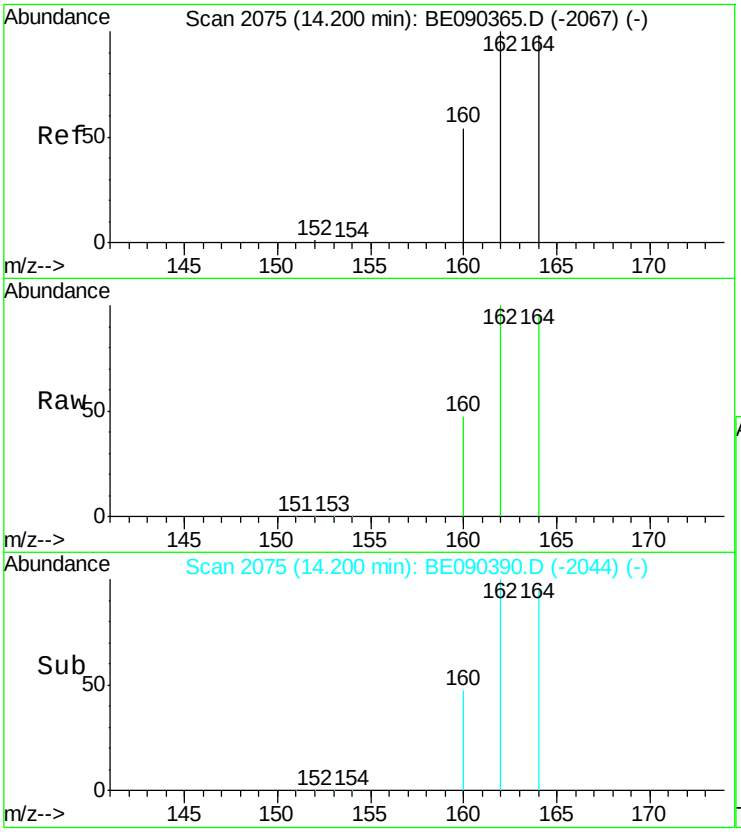


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	133.3	50.6	75.8#
227	0.0	50.7	76.1#



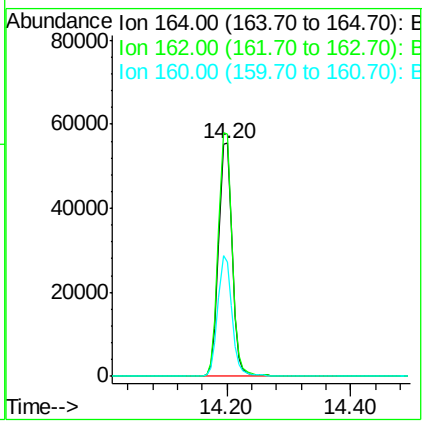


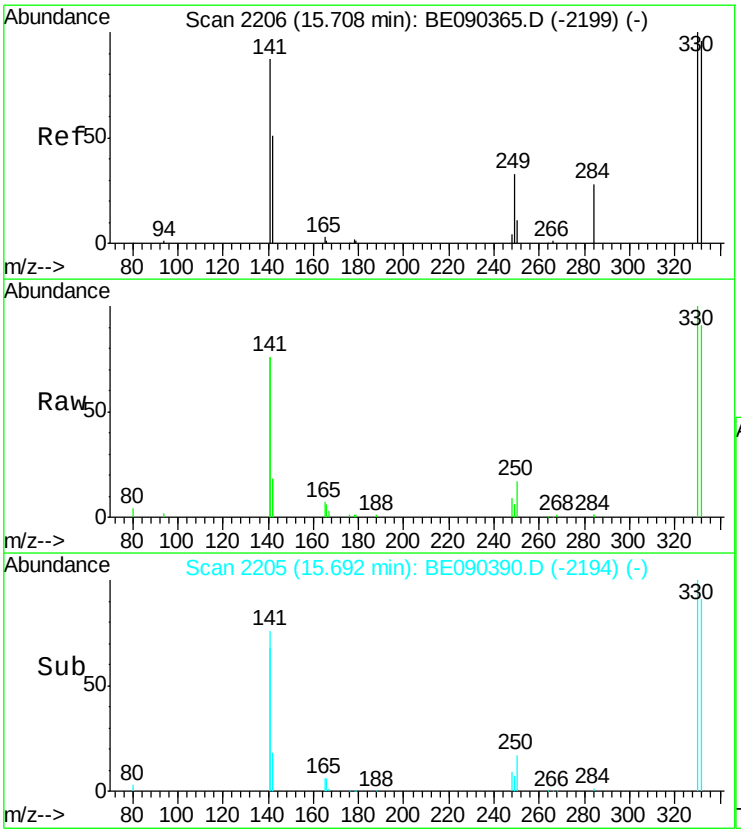
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:164 Resp: 84362

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.8
160	49.0	44.2	66.4

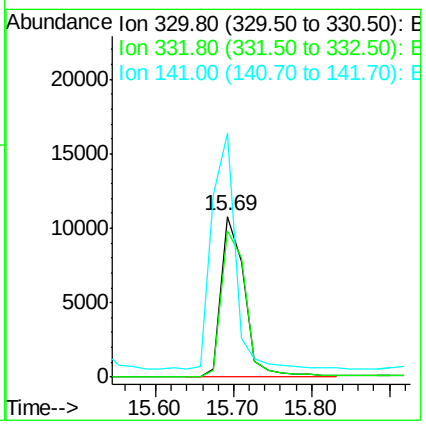


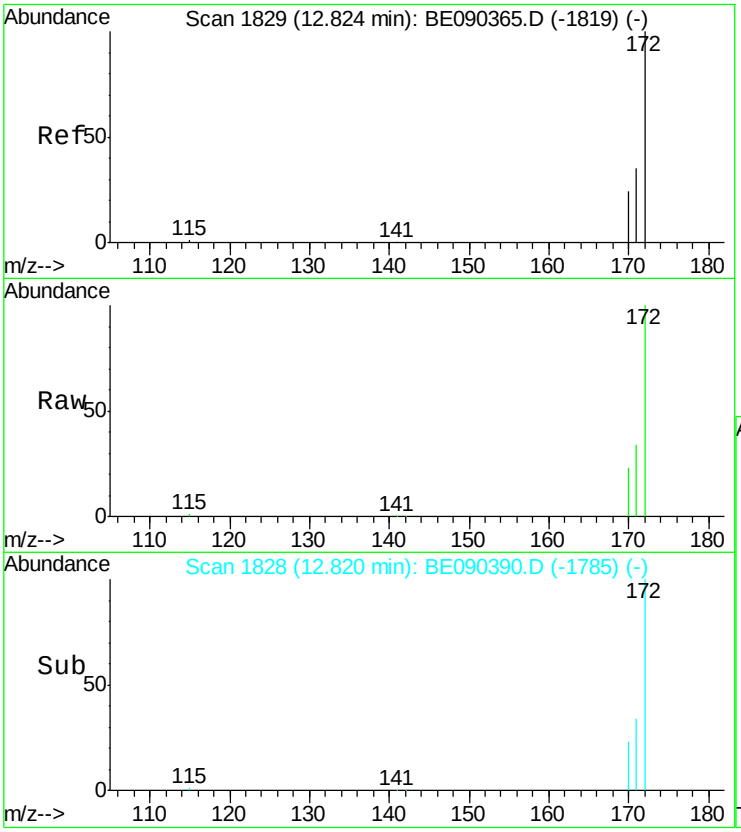


#13
2,4,6-Tribromophenol
Concen: 8.36 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion:330 Resp: 22053

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.6
141	151.0	114.4	171.6



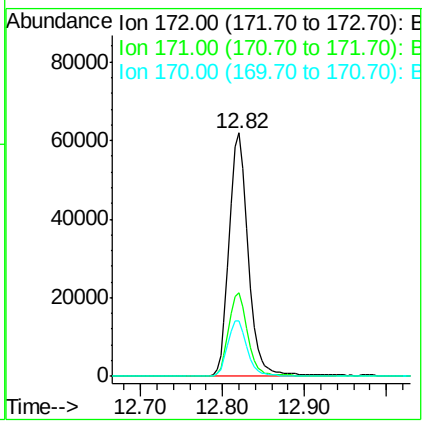


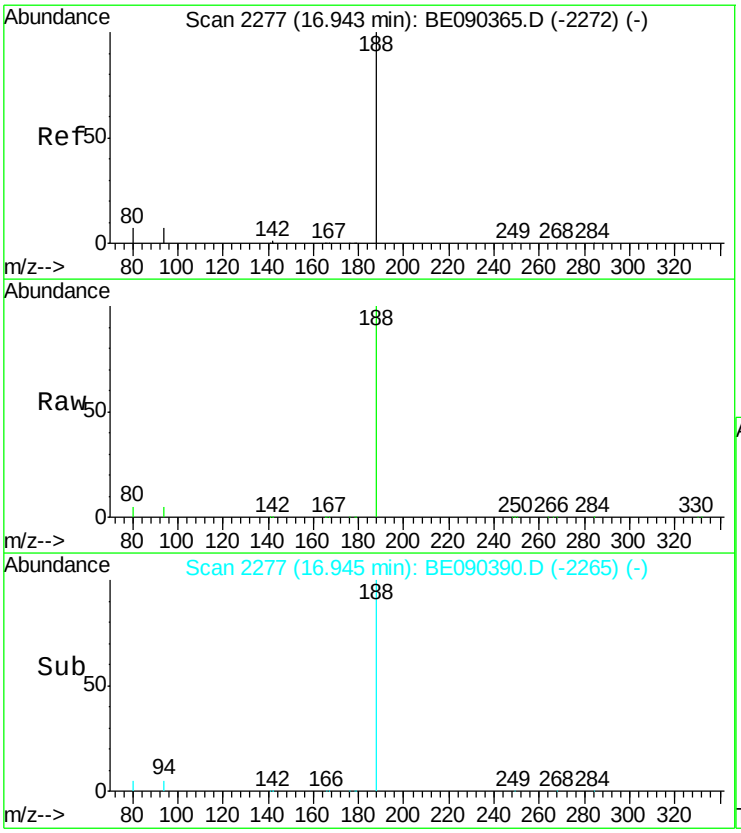
#14
2-Fluorobiphenyl
Concen: 4.28 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:172 Resp: 99404

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	23.0	19.8	29.8

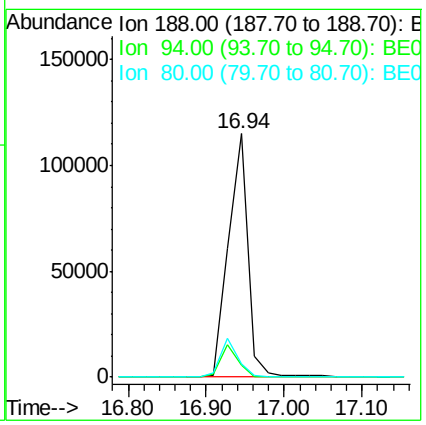


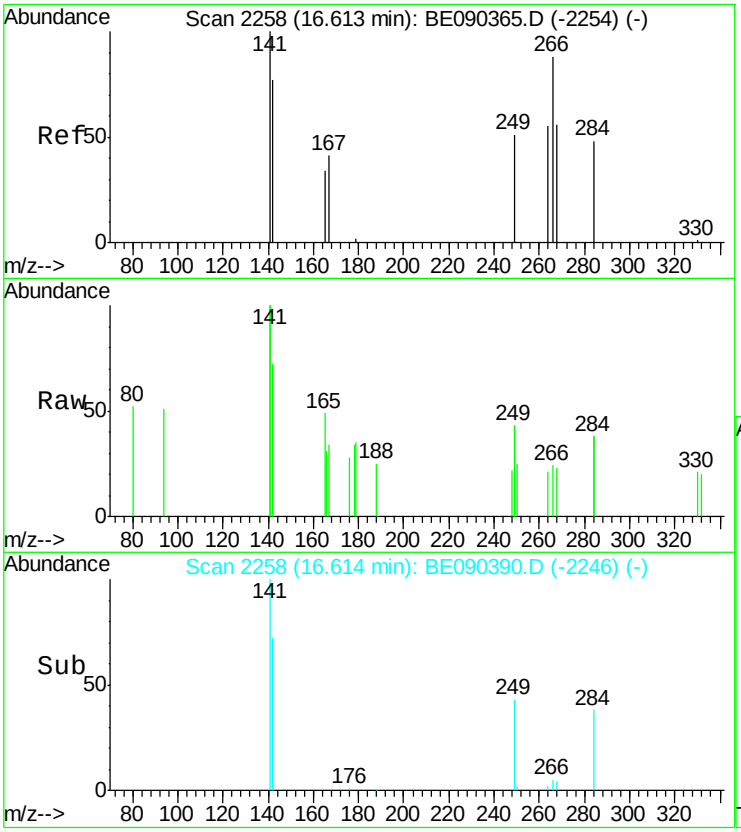


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion:188 Resp: 200469

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	5.3	5.8	8.8#



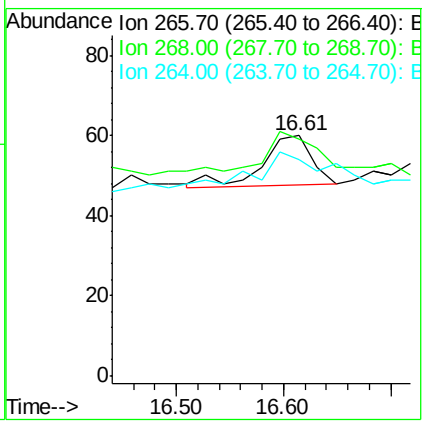


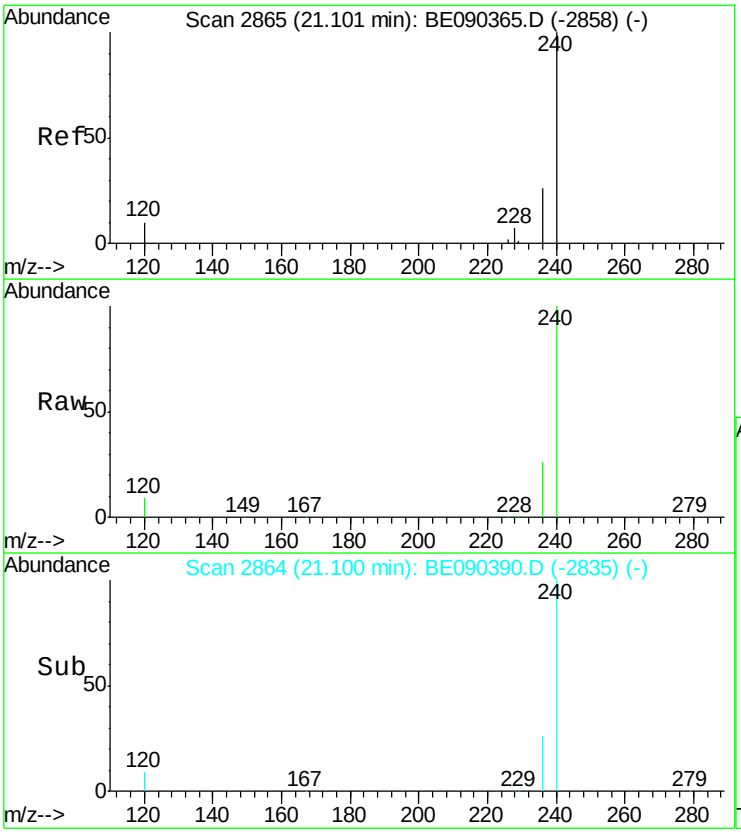
#21
Pentachlorophenol
Concen: 0.12 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:266 Resp: 40

Ion	Ratio	Lower	Upper
266	100		
268	98.3	58.5	87.7#
264	90.0	56.0	84.0#

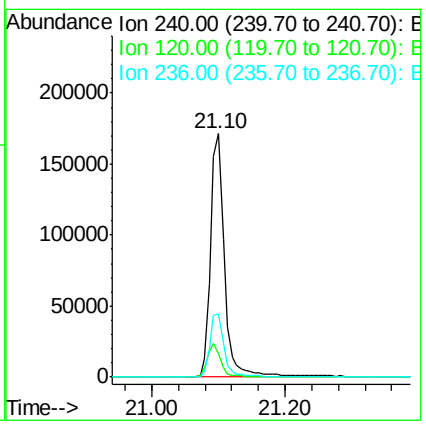


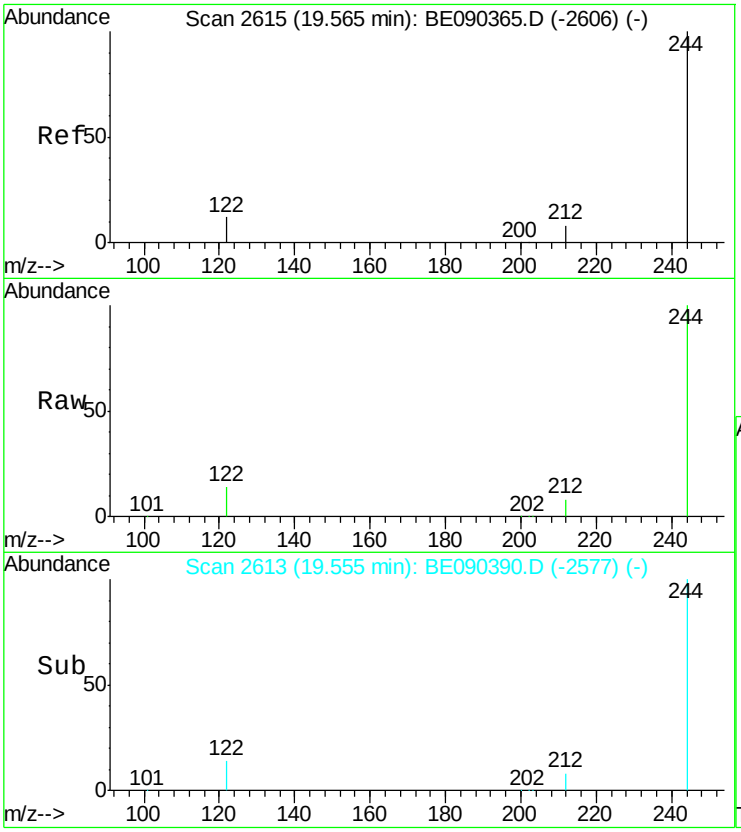


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion:240 Resp: 244546

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.3	12.5
236	26.1	21.0	31.4



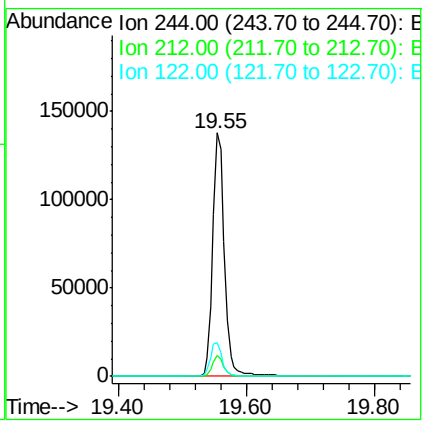


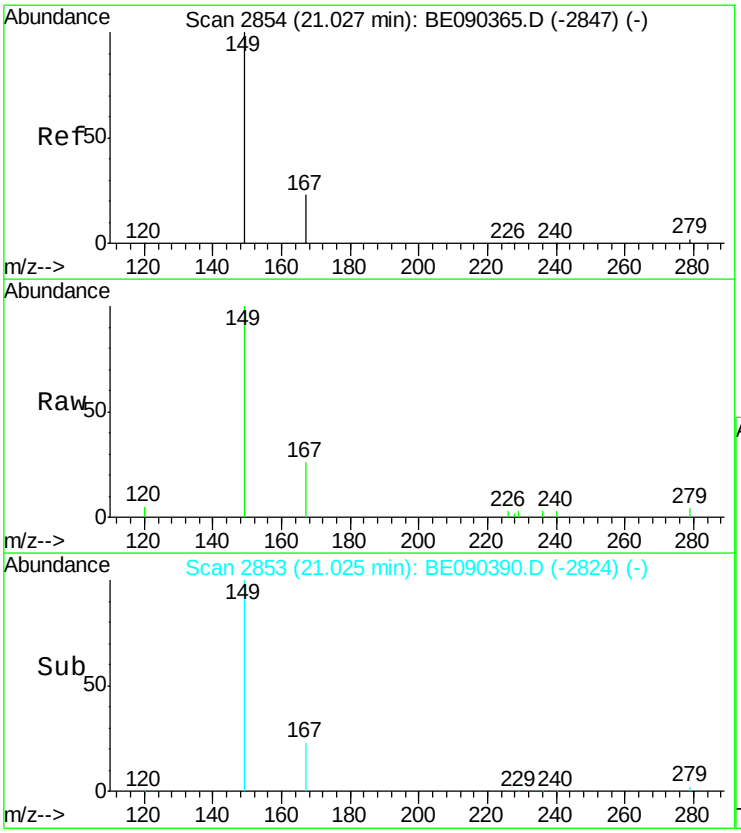
#27
Terphenyl-d14
Concen: 4.90 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:244 Resp: 176381

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	14.0	10.2	15.4

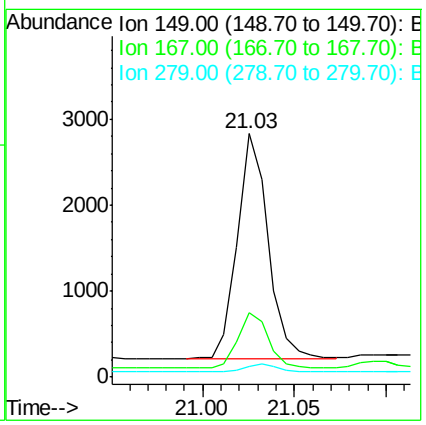


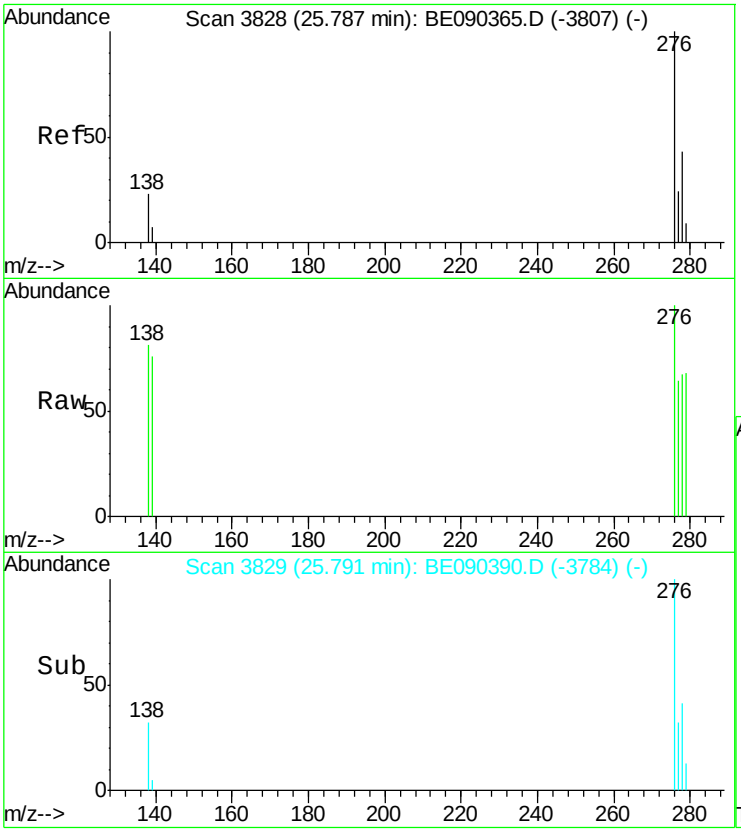


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion:149 Resp: 3060

Ion	Ratio	Lower	Upper
149	100		
167	24.3	19.8	29.8
279	3.6	2.4	3.6



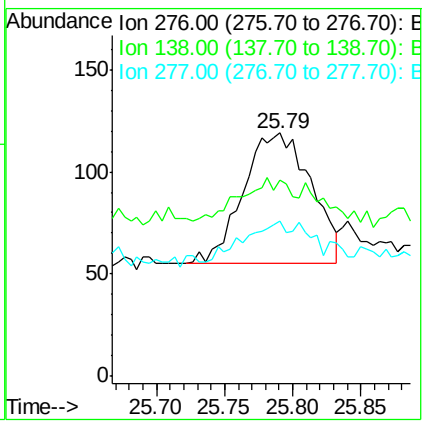


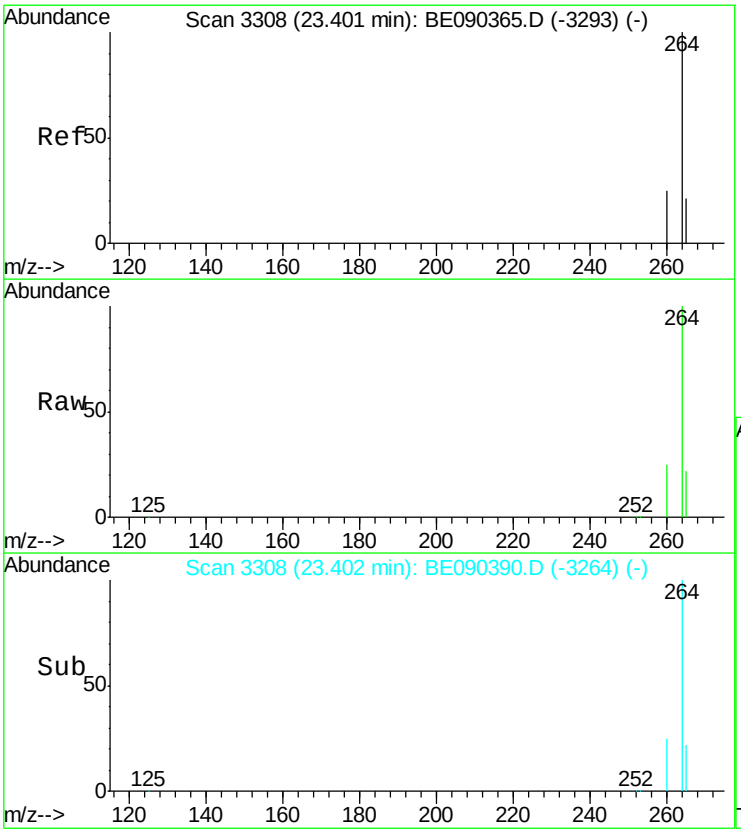
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:276 Resp: 221

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.8	28.2
277	20.4	18.2	27.4

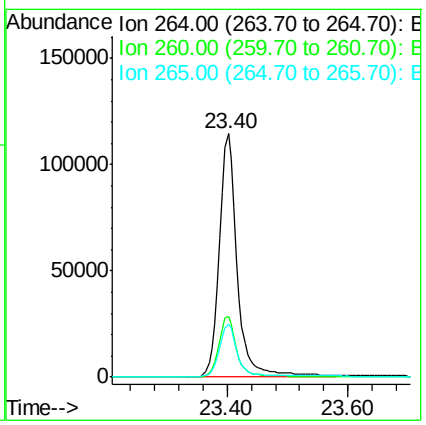


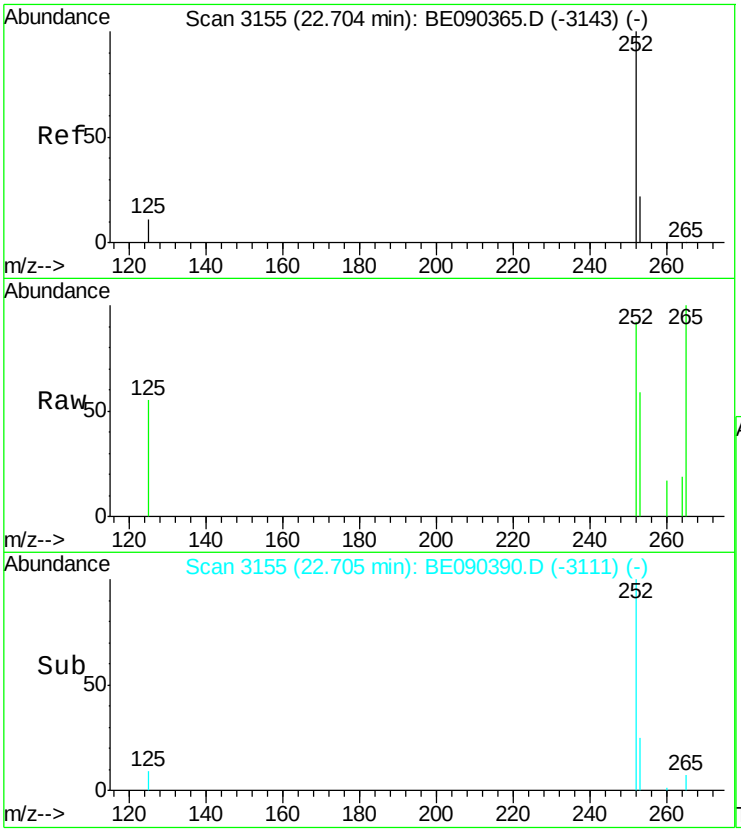


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion:264 Resp: 234892

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.8	17.2	25.8



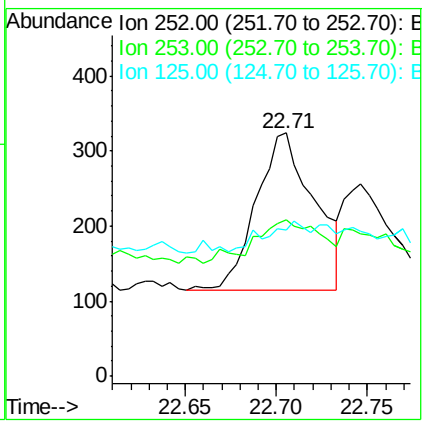


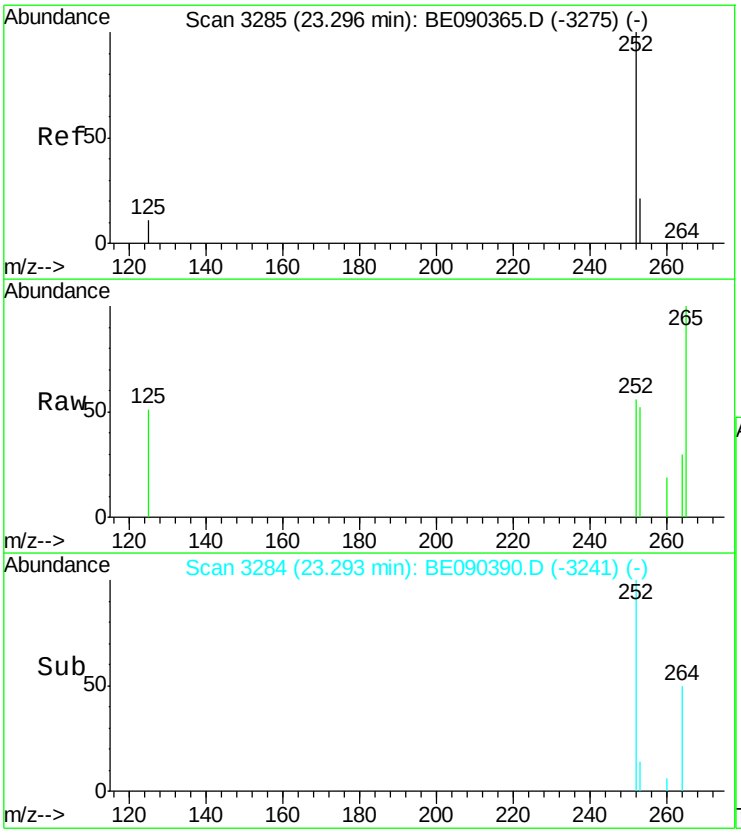
#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.71 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:252 Resp: 462

Ion	Ratio	Lower	Upper
252	100		
253	64.2	18.1	27.1#
125	59.9	9.4	14.2#

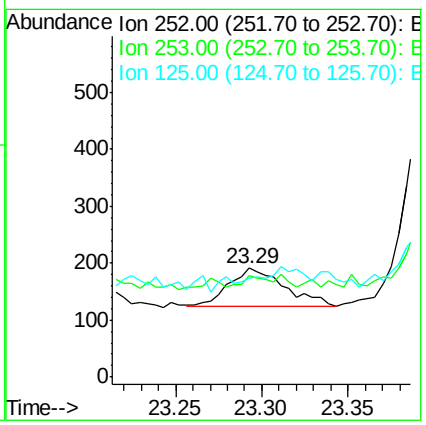


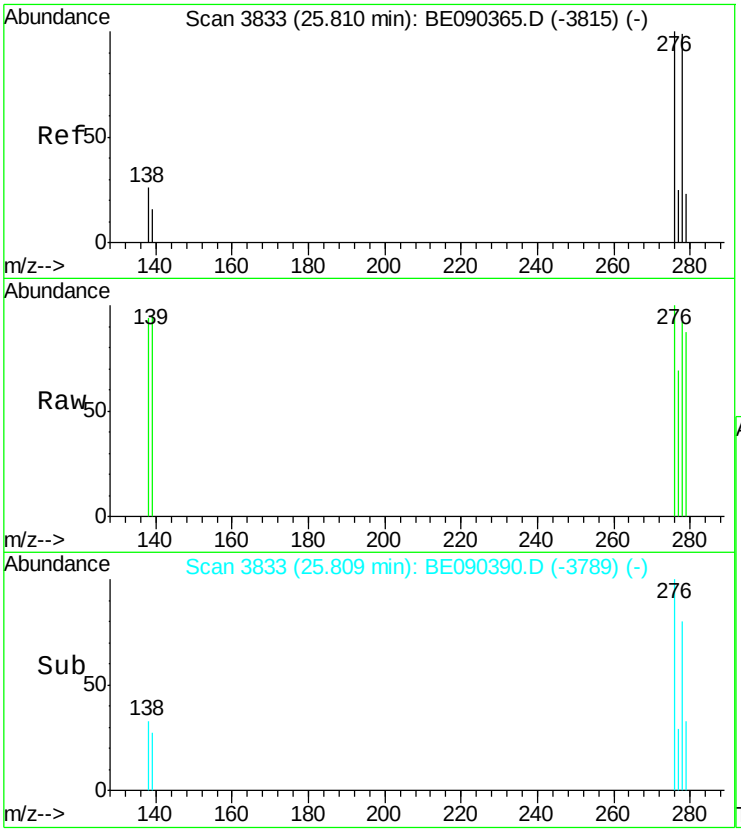


#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Tgt Ion:252 Resp: 147

Ion	Ratio	Lower	Upper
252	100		
253	93.7	17.6	26.4#
125	91.1	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.81 min Scan# 3833
Delta R.T. -0.00 min
Lab File: BE090390.D
Acq: 6 Aug 2015 15:22

Instrument :
BNA_E
ClientSampleId :
080215-D506-F-U-BRE

Tgt Ion:278 Resp: 148

Ion	Ratio	Lower	Upper
278	100		
139	103.2	14.2	21.4#
279	94.6	20.1	30.1#