Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
Data File : BE091043.D
Acq On : 23 Oct 2015 20:56
Operator : UM/NP
Sample : G4143-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 23 23:47:02 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 17:11:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	18816	5.00	ng		-0.05
7) Naphthalene-d8	9.58	136	99748	5.00	ng		-0.05
13) Acenaphthene-d10	13.41	164	60251	5.00	ng		-0.05
19) Phenanthrene-d10	16.13	188	147553	5.00	ng		-0.05
26) Chrysene-d12	20.29	240	171756	5.00	ng		-0.04
35) Perylene-d12	22.20	264	166868	5.00	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	4.93	112	17134	4.52	ng		-0.07
5) Phenol-d6	6.55	99	17081	3.55	ng		-0.07
8) Nitrobenzene-d5	8.17	82	35337	5.36	ng		-0.07
14) 2,4,6-Tribromophenol	14.93	330	23075	10.99	ng		-0.05
15) 2-Fluorobiphenyl	12.04	172	68603	4.20	ng		-0.06
29) Terphenyl-d14	18.69	244	117636	5.55	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	23	Below Cal		#	18
3) n-Nitrosodimethylamine	3.75	42	13	Below Cal		#	1
6) bis(2-Chloroethyl)ether	6.63	93	101	0.06	ng	#	1
9) Nitrobenzene	8.23	77	41	0.29	ng	#	48
10) Naphthalene	9.63	128	128	Below Cal		#	1
11) Hexachlorobutadiene	9.85	225	9	Below Cal		#	48
21) Hexachlorobenzene	15.40	284	30	Below Cal		#	1
22) Pentachlorophenol	15.89	266	87	0.05	ng	#	73
23) Phenanthrene	16.17	178	763	Below Cal		#	79
24) Anthracene	16.25	178	4363	0.15	ng	#	90
25) Fluoranthene	18.16	202	751	Below Cal		#	71
27) Benzidine	18.68	184	2437	0.99	ng	#	65
31) 3,3'-Dichlorobenzidine	20.72	252	51	0.03	ng	#	13
32) Chrysene	20.32	228	394	Below Cal		#	1
33) Bis(2-ethylhexyl)phthalate	19.97	149	6166	0.53	ng	#	95
34) Indeno(1,2,3-cd)pyrene	23.84	276	212	0.12	ng	#	88
37) Benzo(k)fluoranthene	21.66	252	322	Below Cal		#	1

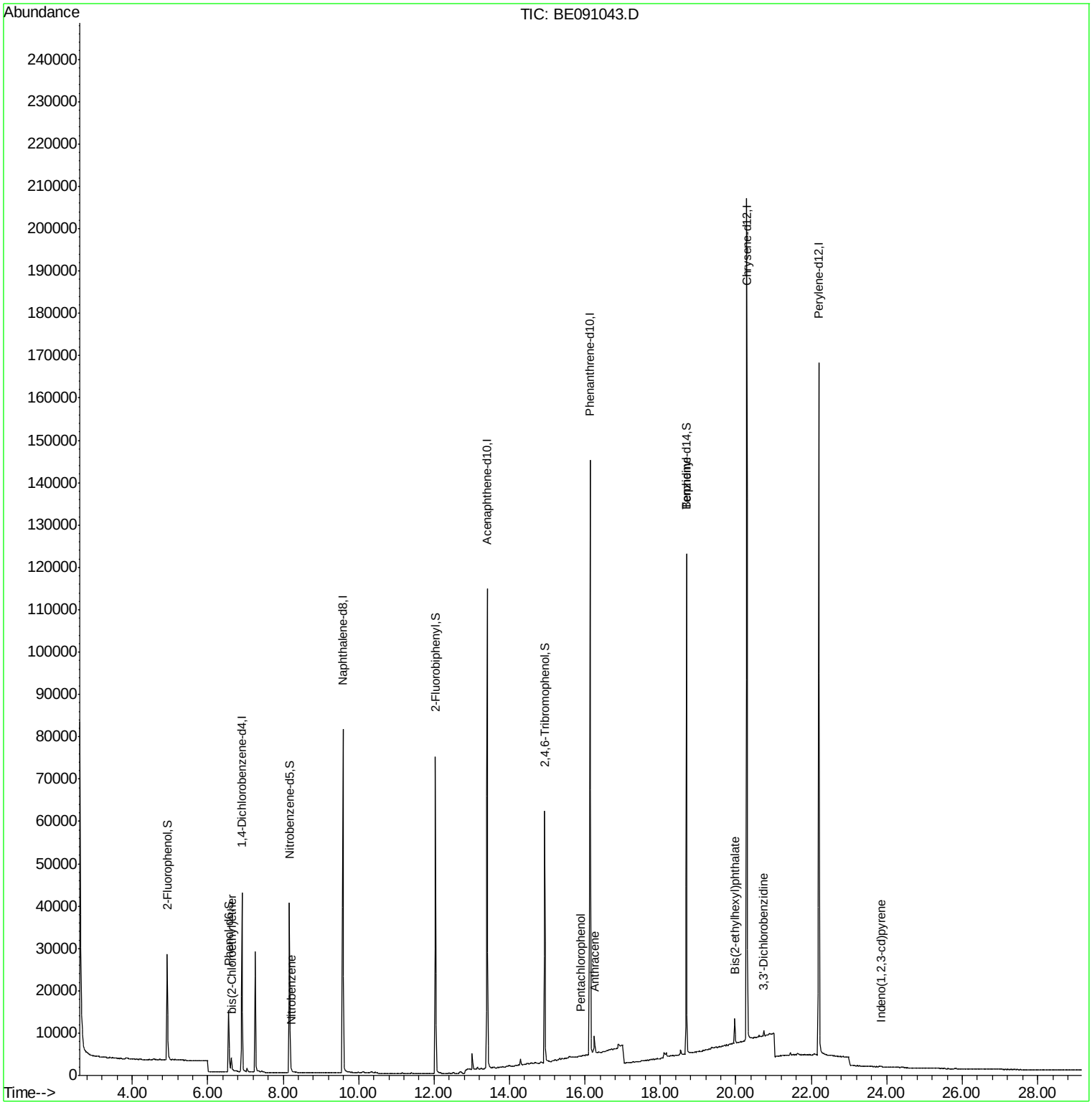
(#) = qualifier out of range (m) = manual integration (+) = signals summed

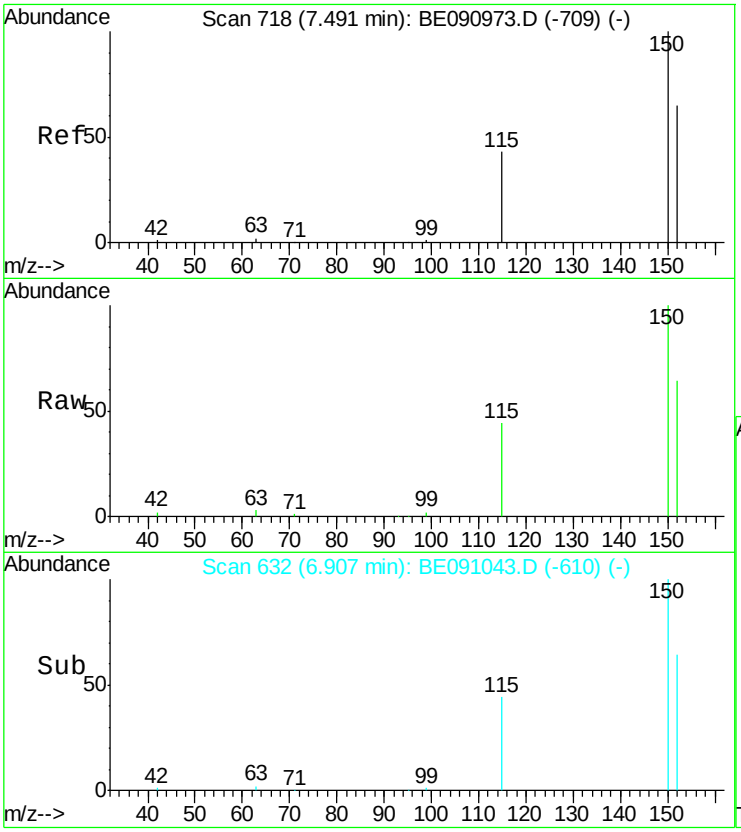
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
Data File : BE091043.D
Acq On : 23 Oct 2015 20:56
Operator : UM/NP
Sample : G4143-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 23 23:47:02 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 17:11:43 2015
Response via : Initial Calibration



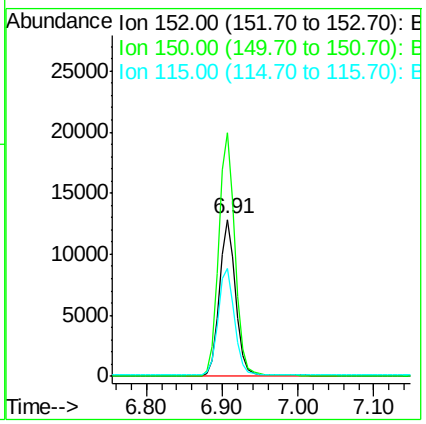


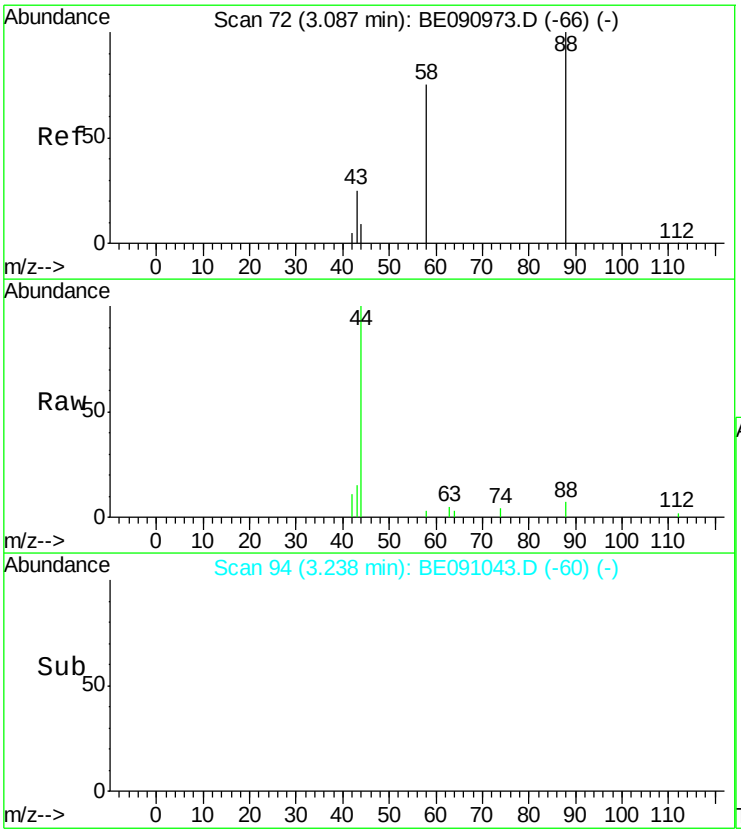
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 632
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 18816

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.6	183.8
115	68.9	52.8	79.2

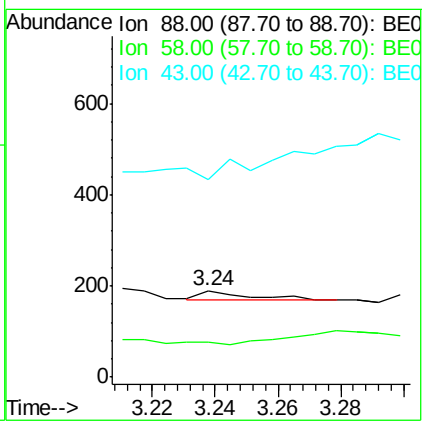


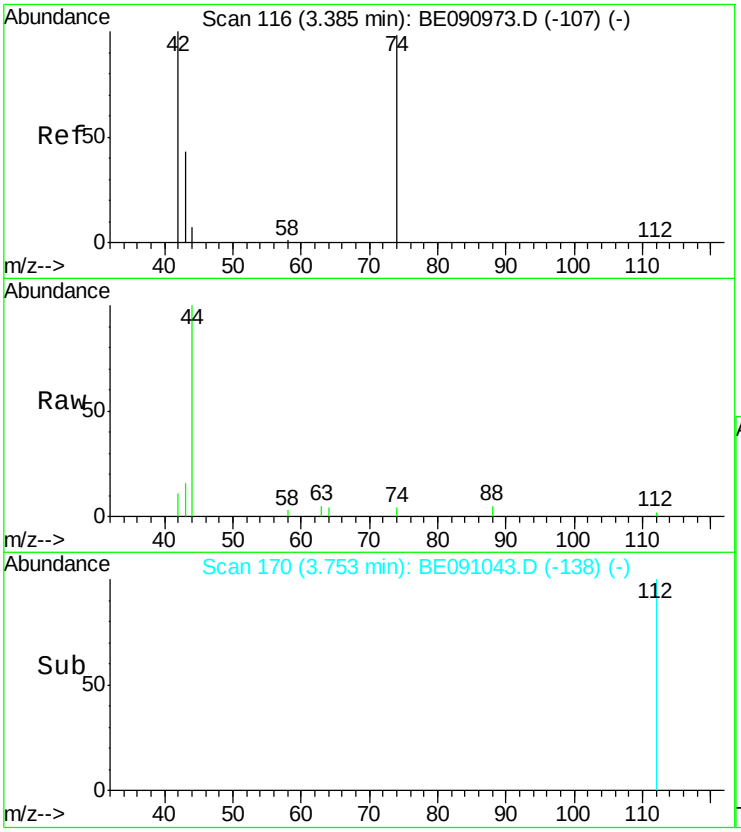


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.24 min Scan# 94
Delta R.T. 0.03 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
58	0.0	65.8	98.6#
43	0.0	25.3	37.9#



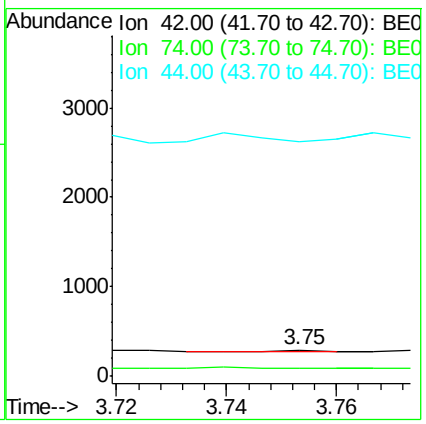


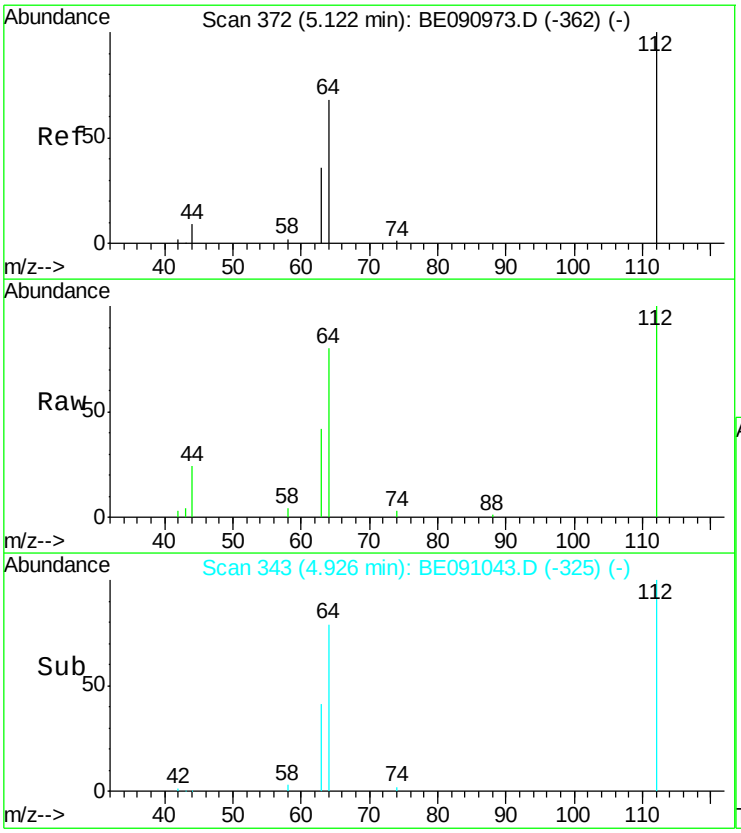
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.75 min Scan# 170
Delta R.T. 0.02 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	46.2	87.9	131.9#
44	646.2	6.6	9.8#

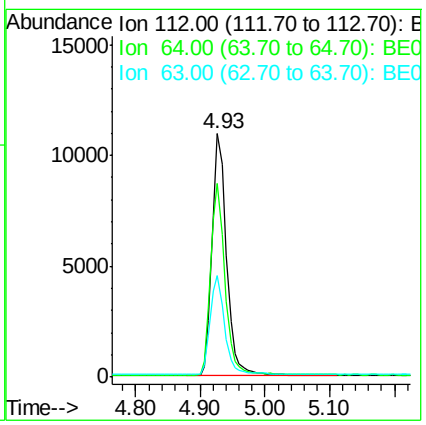


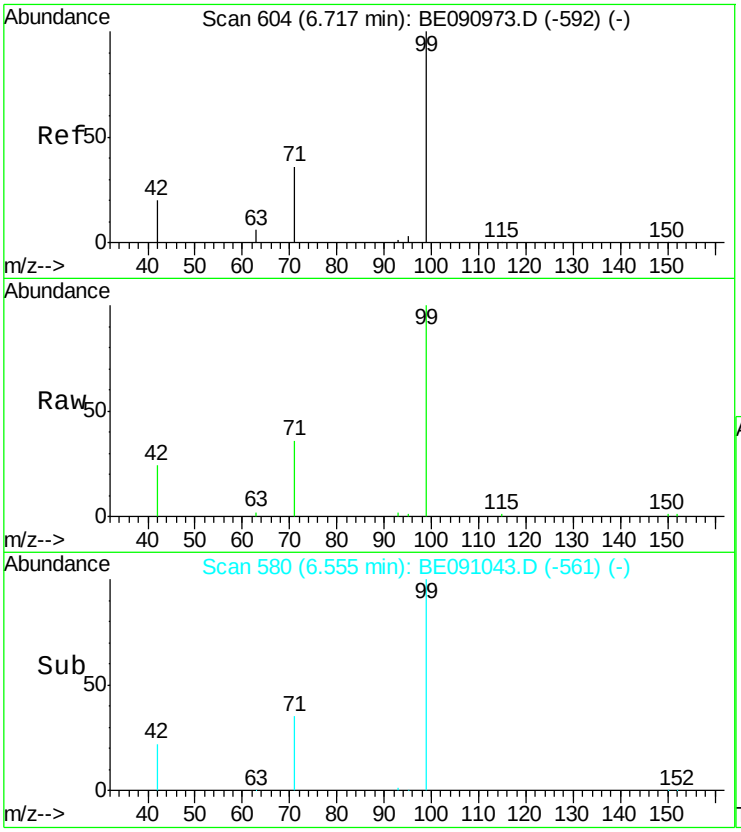


#4
2-Fluorophenol
Concen: 4.52 ng
RT: 4.93 min Scan# 343
Delta R.T. -0.07 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:112 Resp: 17134

Ion	Ratio	Lower	Upper
112	100		
64	78.7	30.9	46.3#
63	40.5	16.7	25.1#



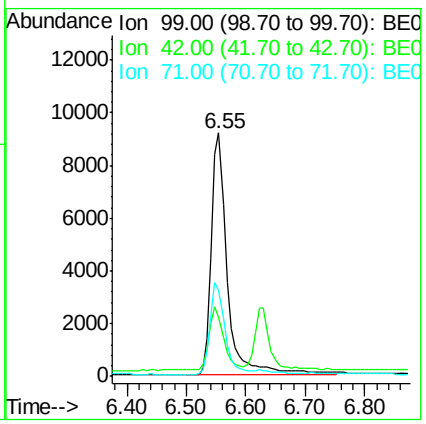


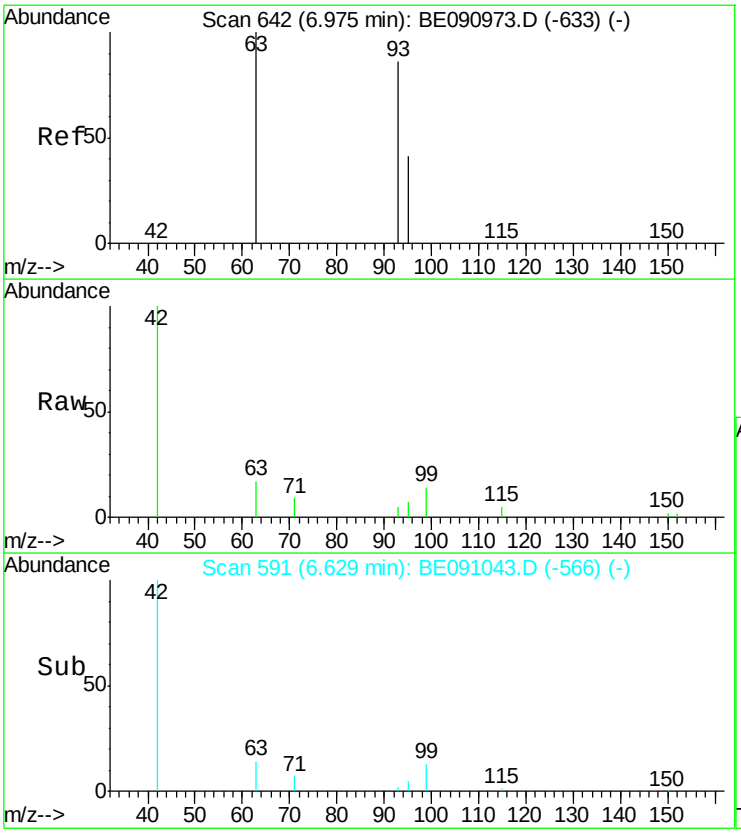
#5
Phenol-d6
Concen: 3.55 ng
RT: 6.55 min Scan# 580
Delta R.T. -0.07 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 17081

Ion	Ratio	Lower	Upper
99	100		
42	23.4	16.2	24.2
71	35.6	29.0	43.4

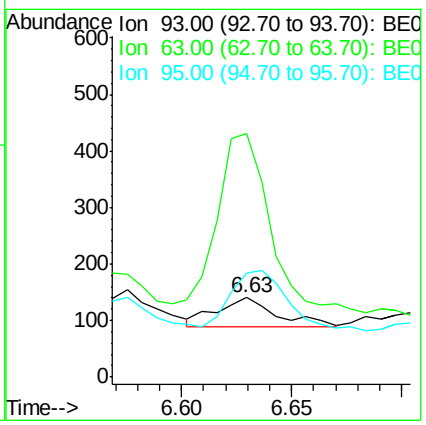


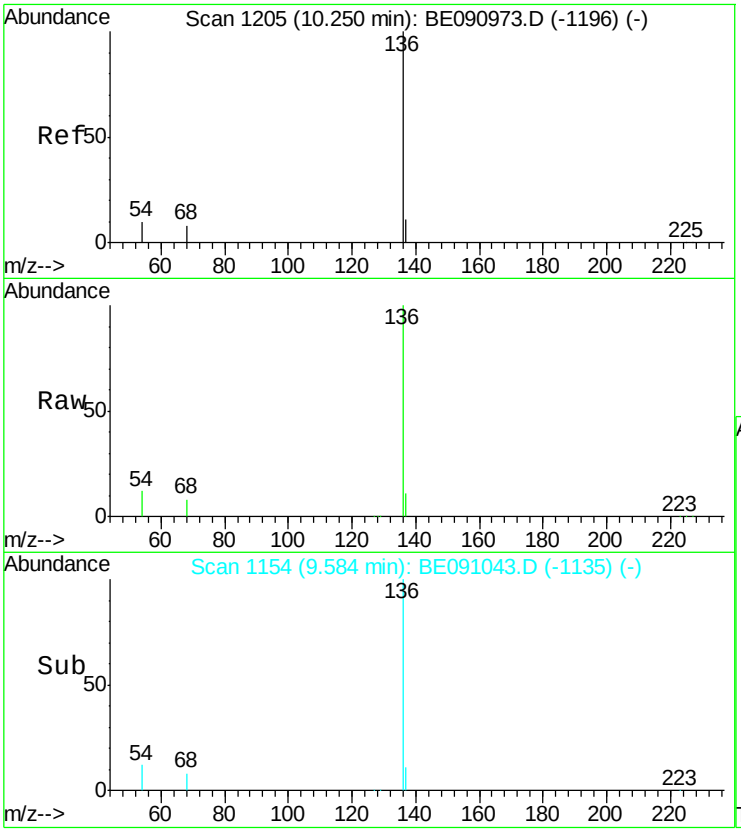


#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 6.63 min Scan# 591
Delta R.T. -0.03 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion: 93 Resp: 101

Ion	Ratio	Lower	Upper
93	100		
63	544.6	49.5	74.3#
95	222.8	22.2	33.4#



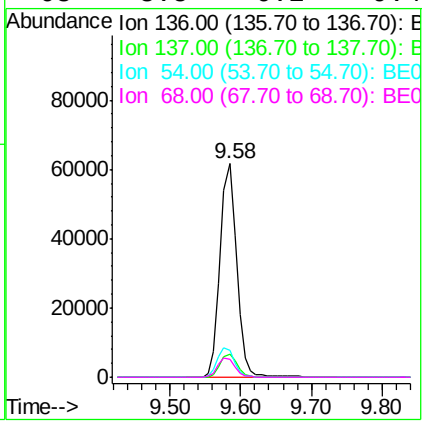


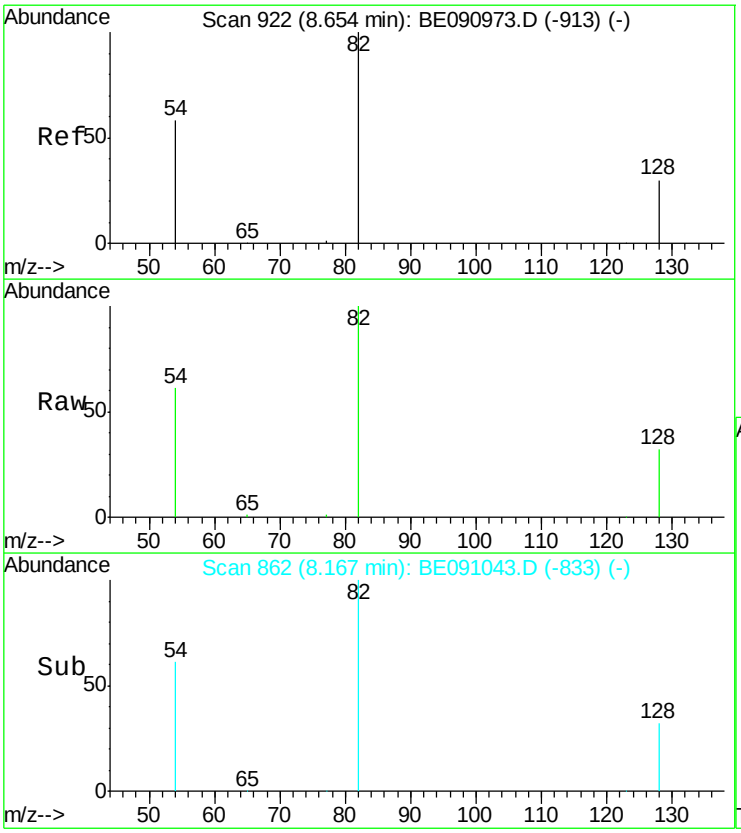
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.58 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 99748

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	12.3	8.2	12.4
68	8.5	6.2	9.4

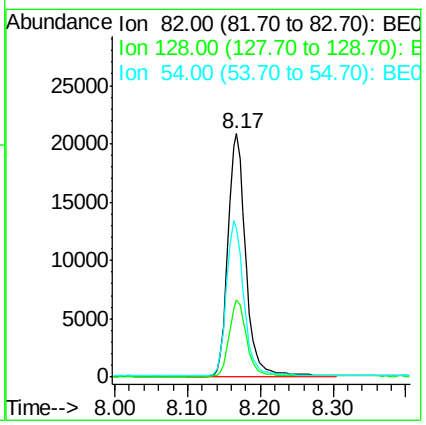


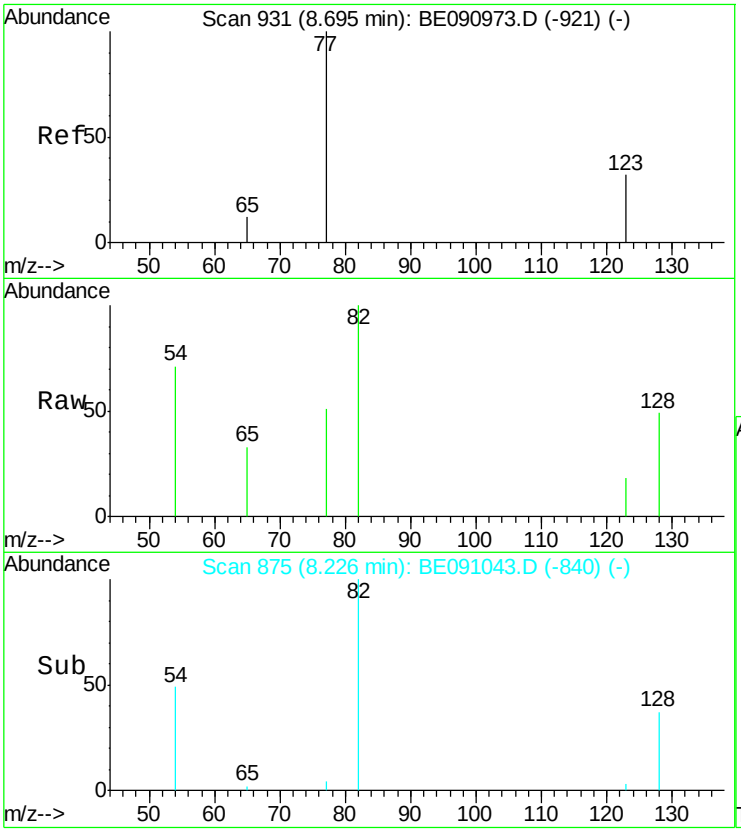


#8
Nitrobenzene-d5
Concen: 5.36 ng
RT: 8.17 min Scan# 862
Delta R.T. -0.07 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion: 82 Resp: 35337

Ion	Ratio	Lower	Upper
82	100		
128	31.9	25.4	38.0
54	61.0	48.4	72.6



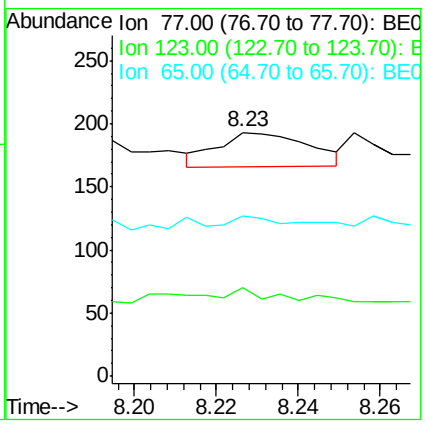


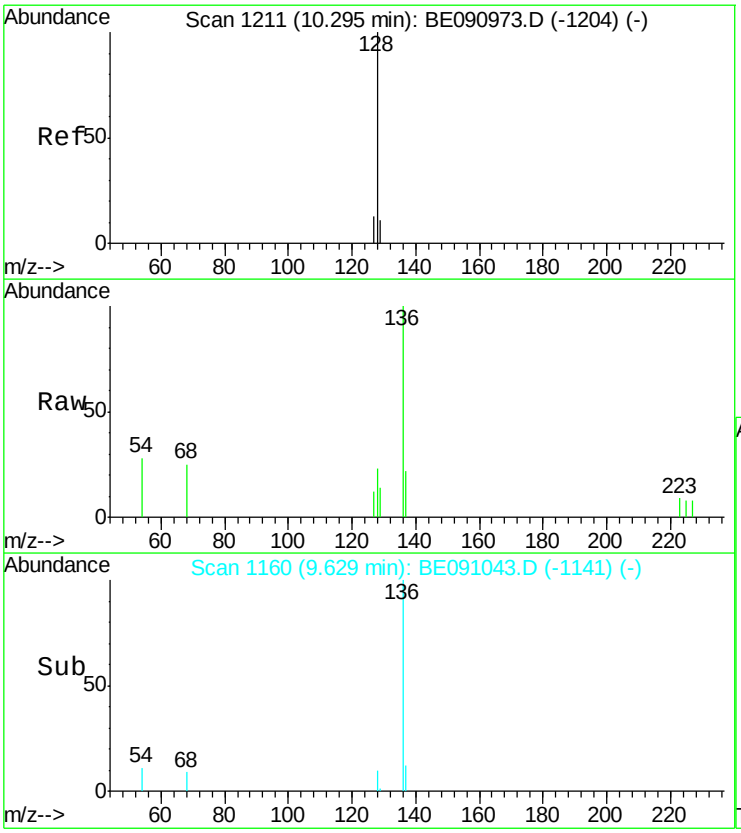
#9
Nitrobenzene
Concen: 0.29 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 41

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.9	40.3#
65	24.4	9.4	14.2#

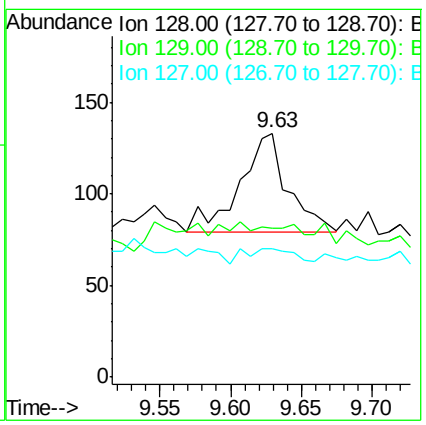


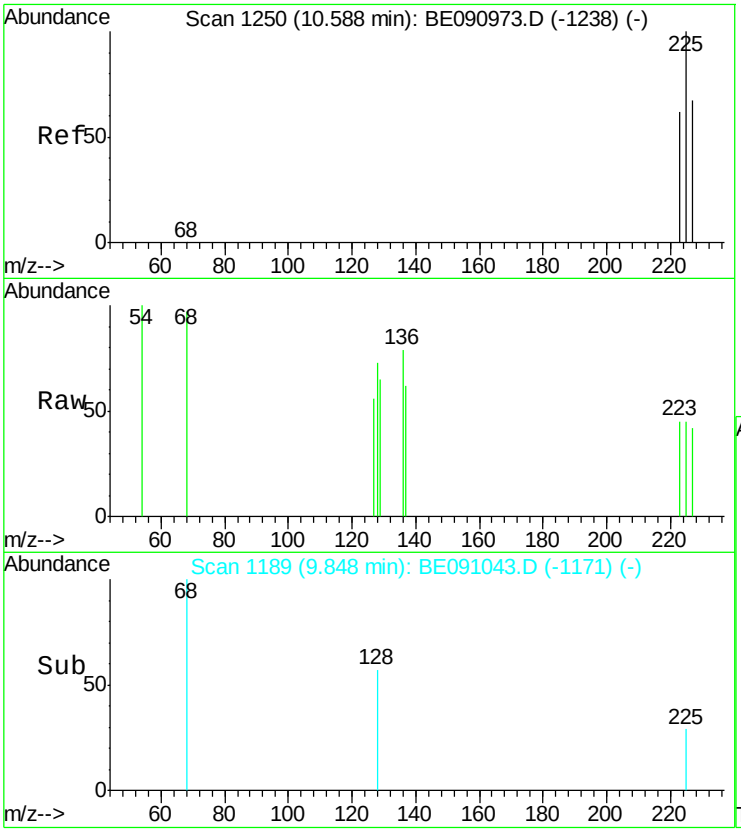


#10
Naphthalene
Concen: Below Cal
RT: 9.63 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:128 Resp: 128

Ion	Ratio	Lower	Upper
128	100		
129	60.9	9.3	13.9#
127	52.6	10.7	16.1#



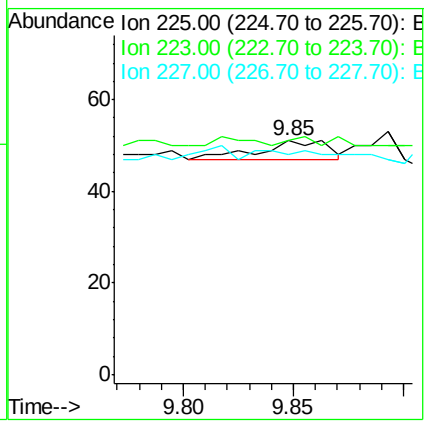


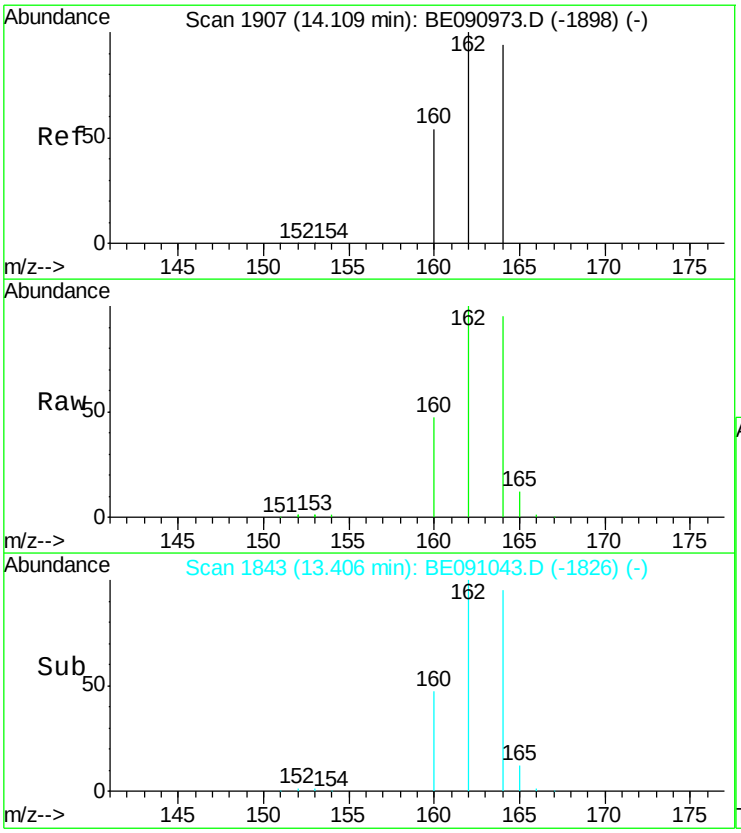
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 9.85 min Scan# 1189
Delta R.T. -0.06 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 9

Ion	Ratio	Lower	Upper
225	100		
223	44.4	49.0	73.6#
227	0.0	50.3	75.5#

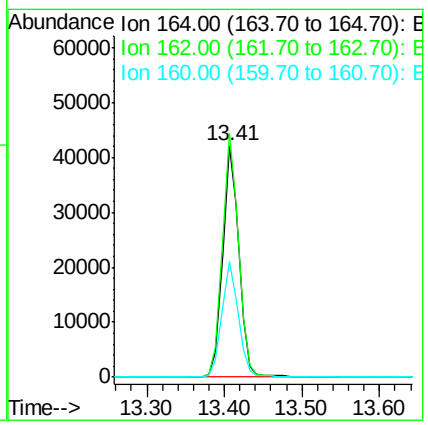


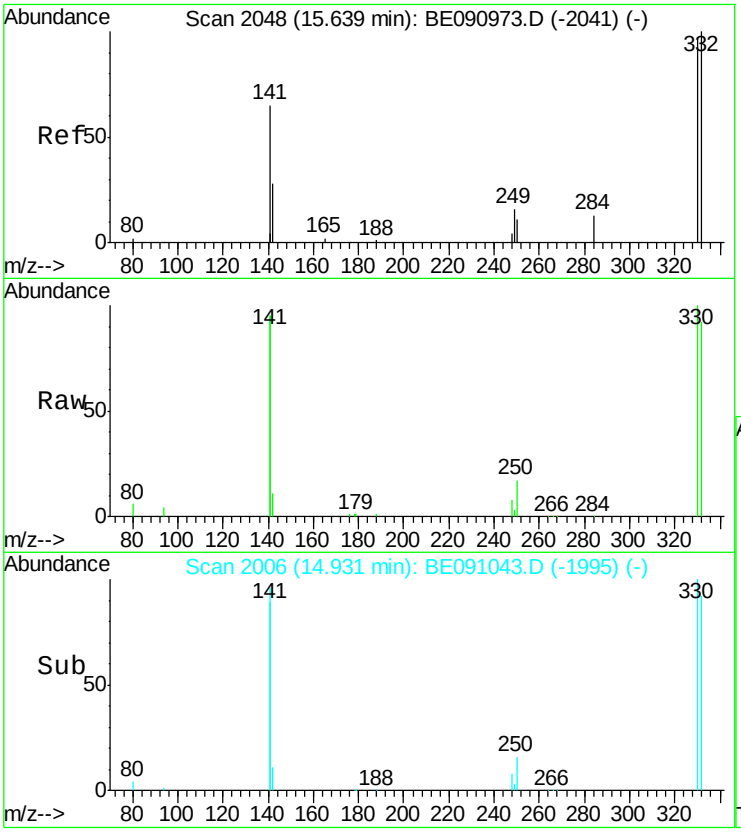


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.41 min Scan# 1843
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:164 Resp: 60251

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.3	127.9
160	49.8	46.2	69.2



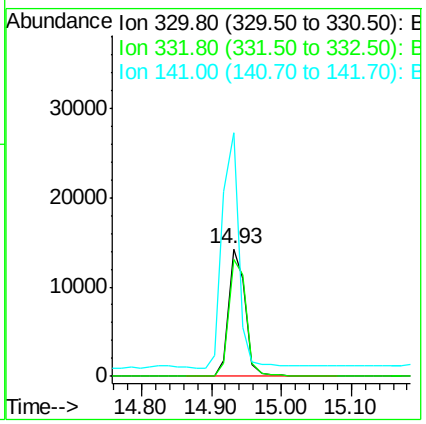


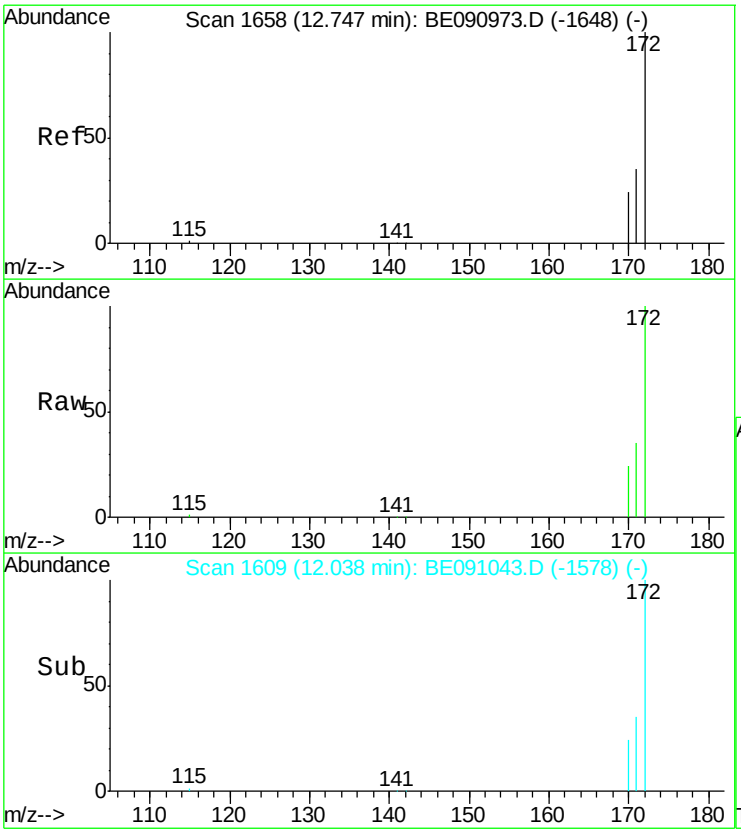
#14
2,4,6-Tribromophenol
Concen: 10.99 ng
RT: 14.93 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 23075

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	189.3	125.4	188.0#

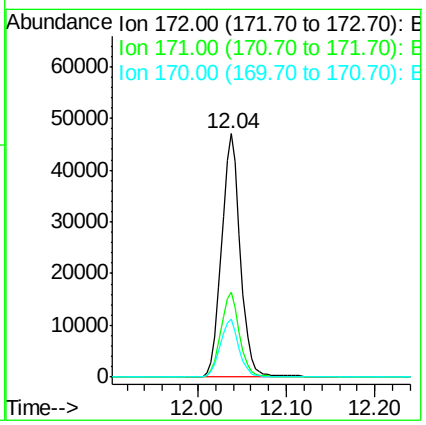


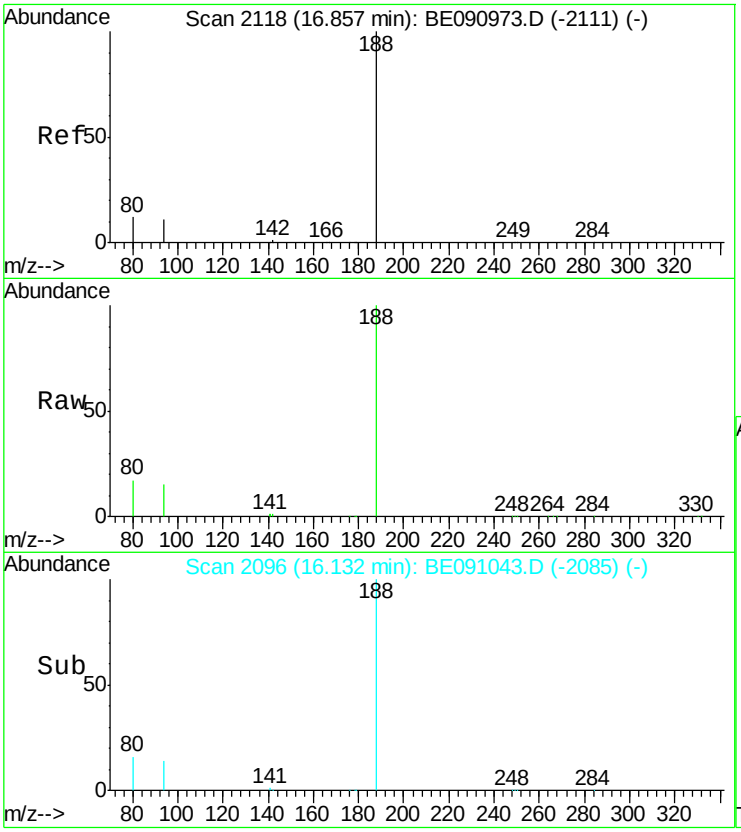


#15
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 12.04 min Scan# 1609
Delta R.T. -0.06 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:172 Resp: 68603

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.9	19.3	28.9



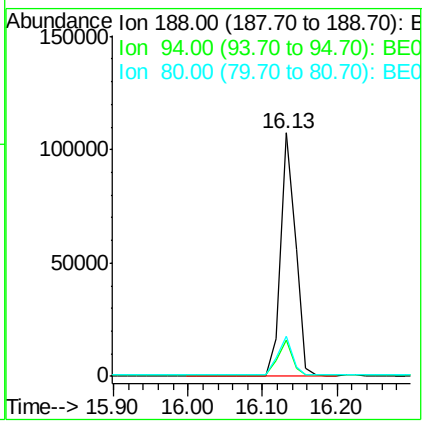


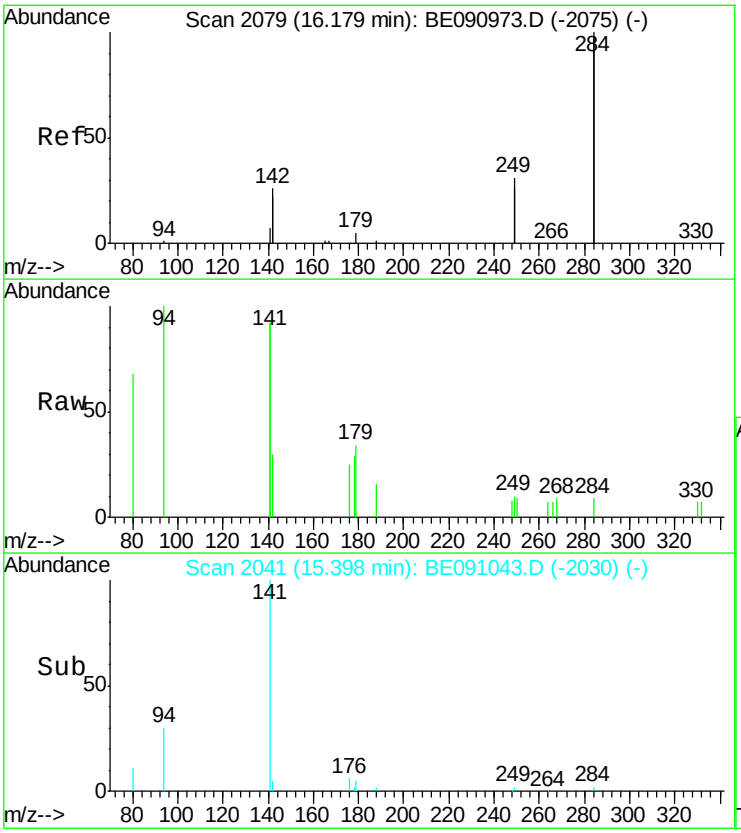
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.13 min Scan# 2096
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 147553

Ion	Ratio	Lower	Upper
188	100		
94	14.8	8.7	13.1#
80	16.7	9.4	14.0#

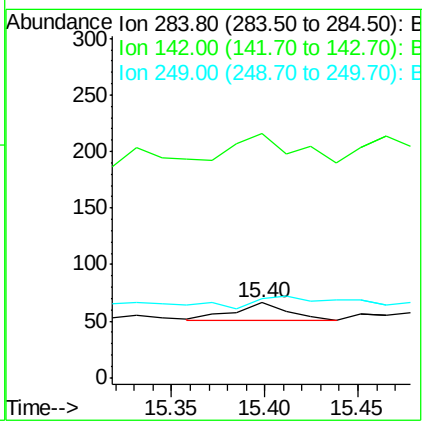


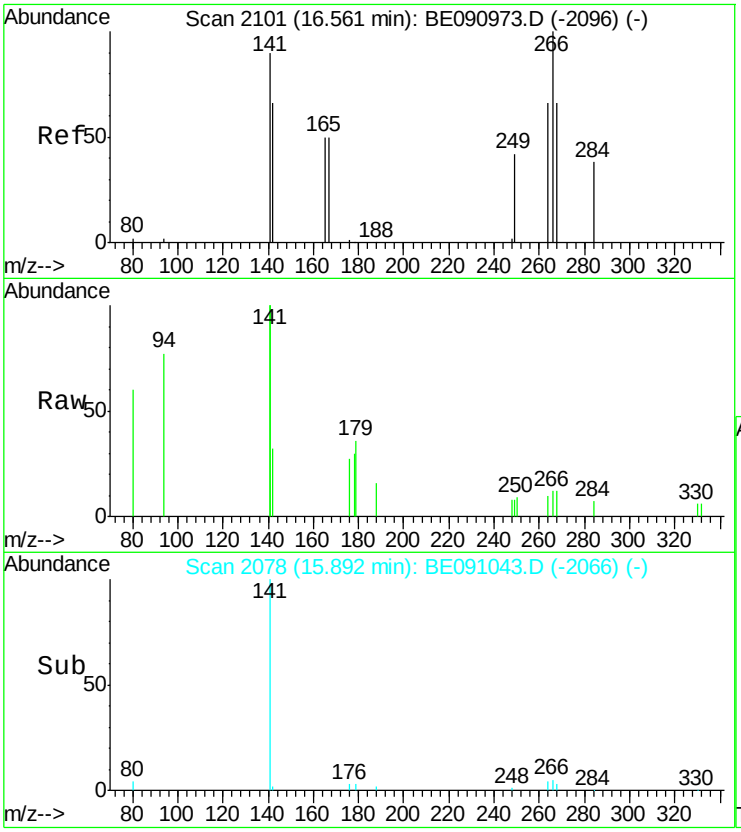


#21
Hexachlorobenzene
Concen: Below Cal
RT: 15.40 min Scan# 2041
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:284 Resp: 30

Ion	Ratio	Lower	Upper
284	100		
142	176.7	32.2	48.2#
249	123.3	25.4	38.2#



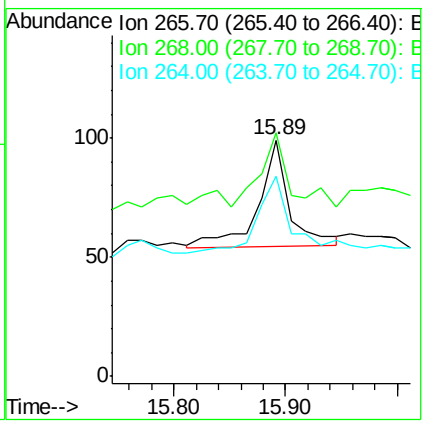


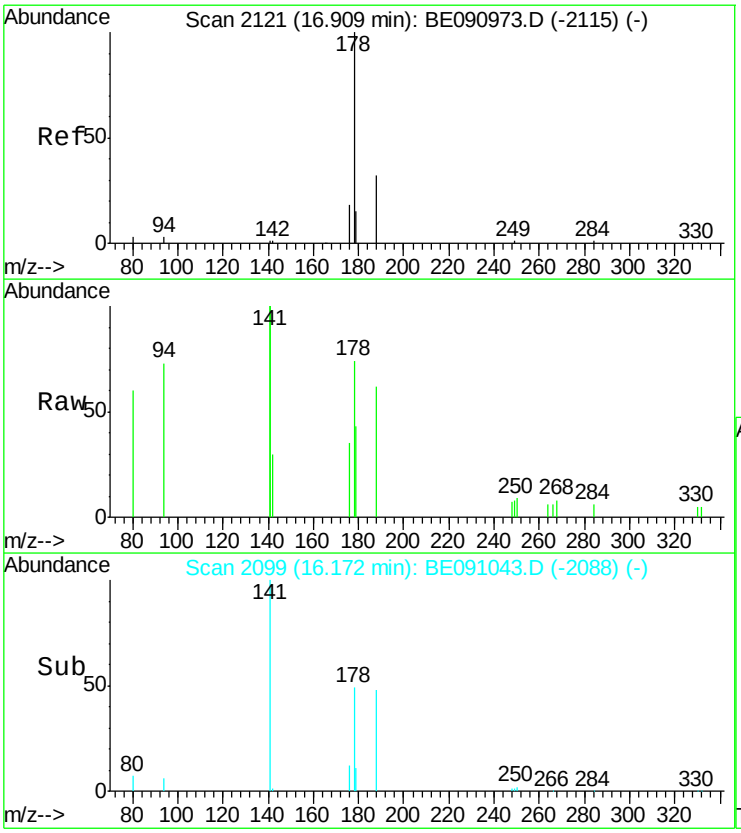
#22
Pentachlorophenol
Concen: 0.05 ng
RT: 15.89 min Scan# 2078
Delta R.T. -0.04 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 87

Ion	Ratio	Lower	Upper
266	100		
268	103.0	58.2	87.2#
264	84.8	56.2	84.4#

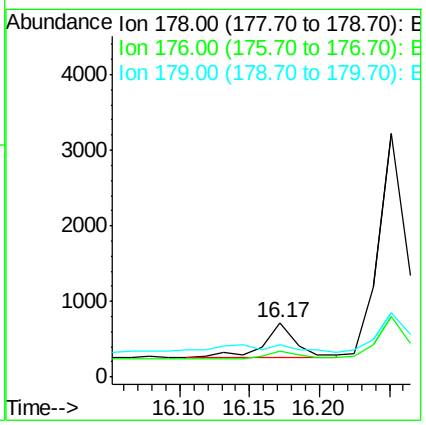


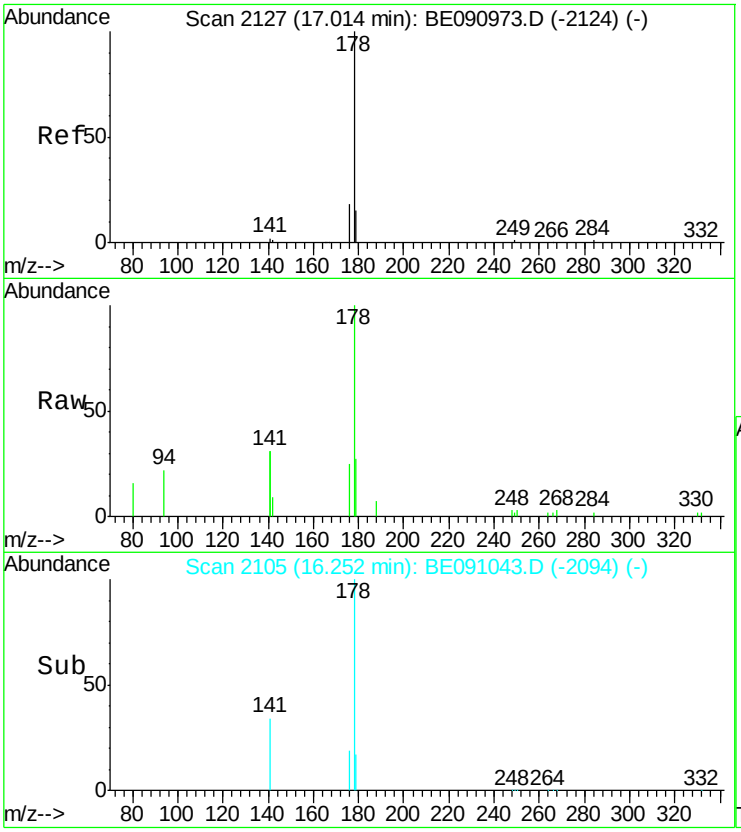


#23
Phenanthrene
Concen: Below Cal
RT: 16.17 min Scan# 2099
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:178 Resp: 763

Ion	Ratio	Lower	Upper
178	100		
176	22.4	15.3	22.9
179	0.0	12.6	18.8#



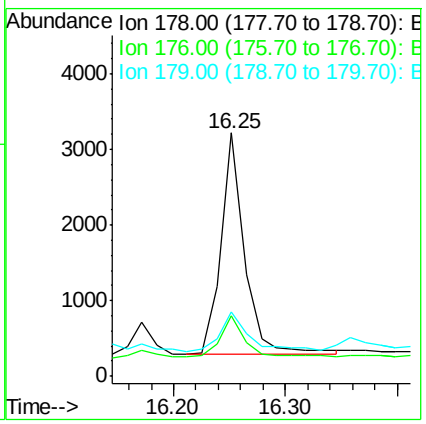


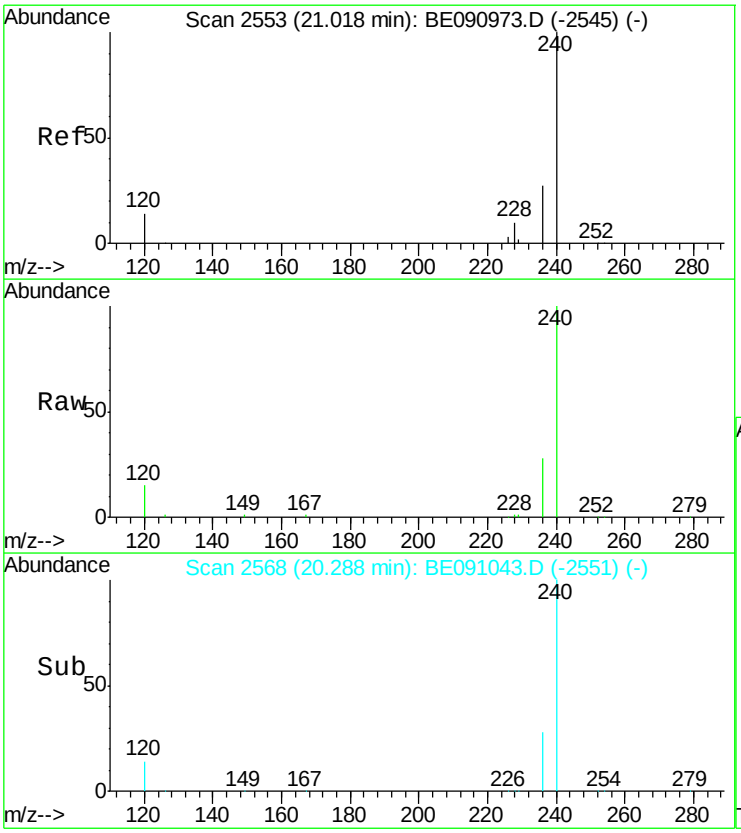
#24
Anthracene
Concen: 0.15 ng
RT: 16.25 min Scan# 2105
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4363

Ion	Ratio	Lower	Upper
178	100		
176	20.7	14.6	21.8
179	21.5	11.8	17.6#

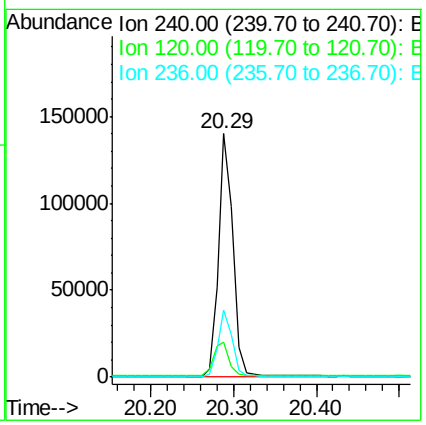


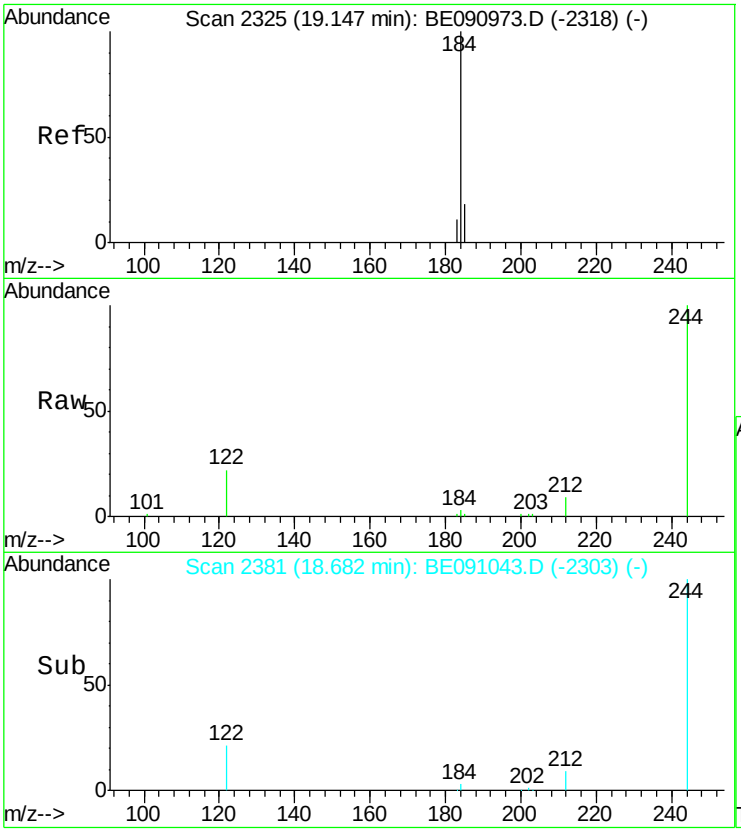


#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.29 min Scan# 2568
Delta R.T. -0.04 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:240 Resp: 171756

Ion	Ratio	Lower	Upper
240	100		
120	14.6	11.0	16.4
236	27.7	21.7	32.5



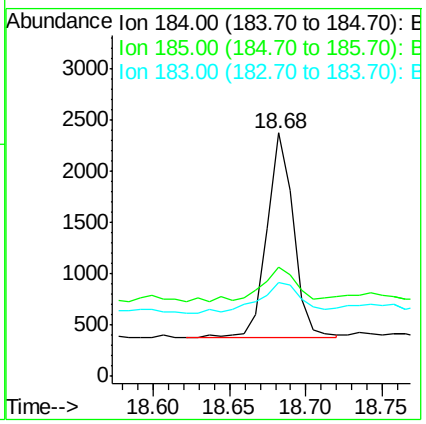


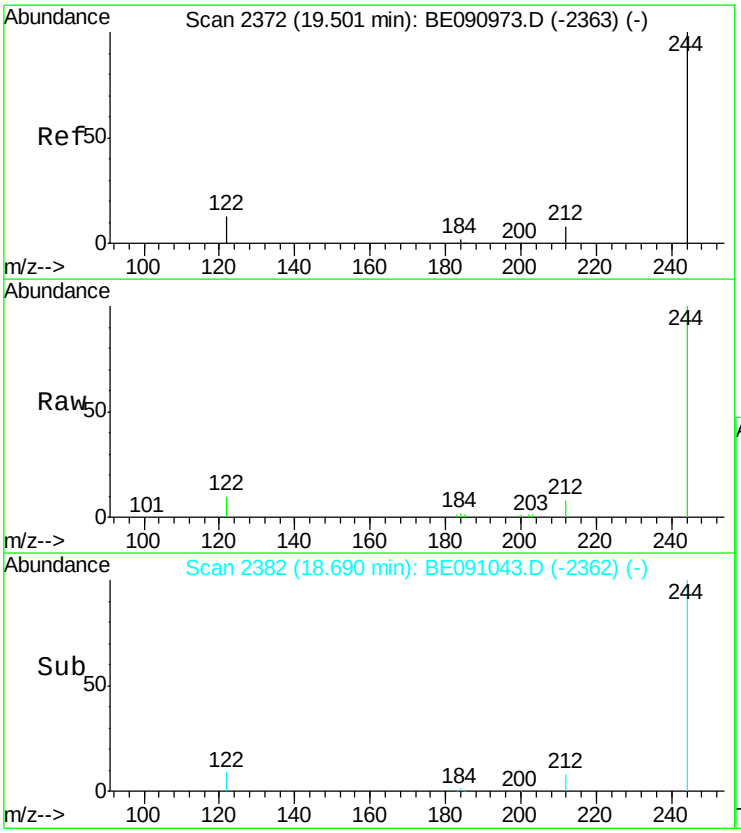
#27
Benzidine
Concen: 0.99 ng
RT: 18.68 min Scan# 2381
Delta R.T. 0.09 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 2437

Ion	Ratio	Lower	Upper
184	100		
185	44.6	22.3	33.5#
183	38.7	16.4	24.6#

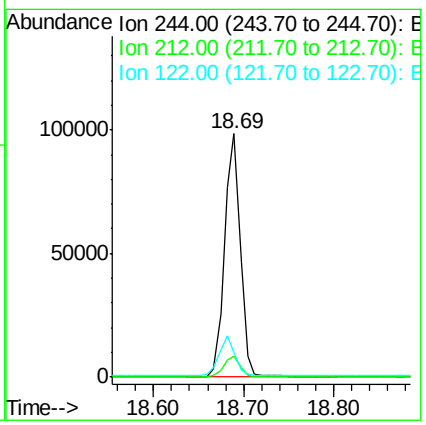


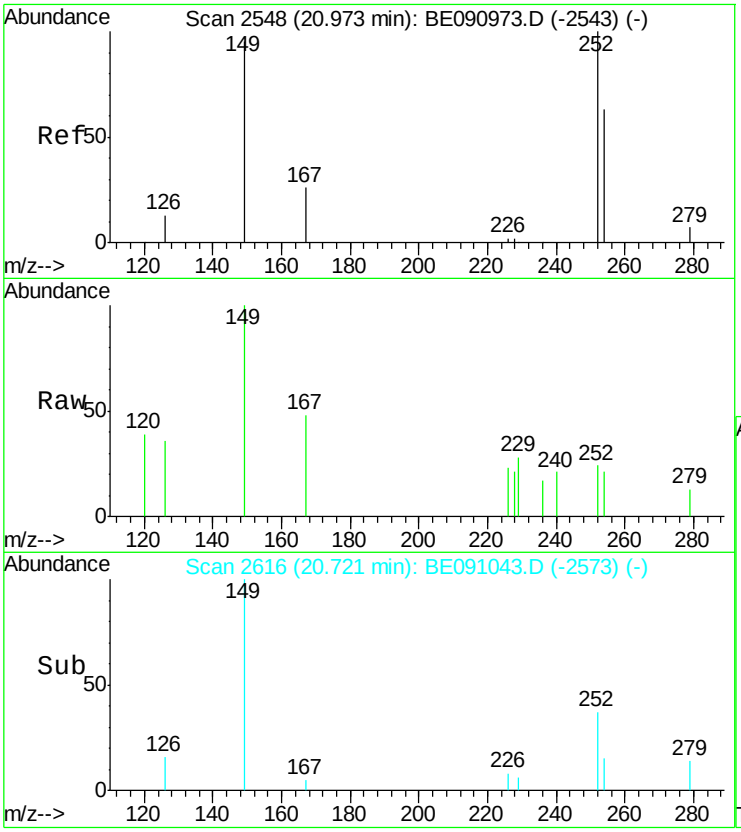


#29
Terphenyl-d14
Concen: 5.55 ng
RT: 18.69 min Scan# 2382
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:244 Resp: 117636

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	10.2	11.0	16.4#



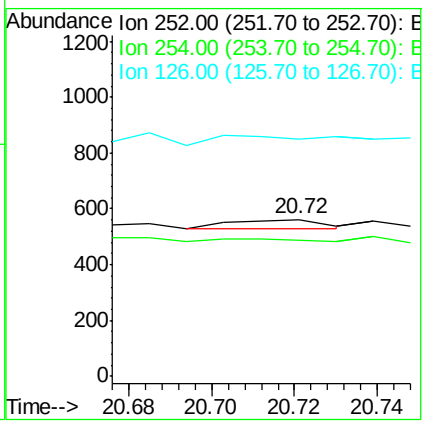


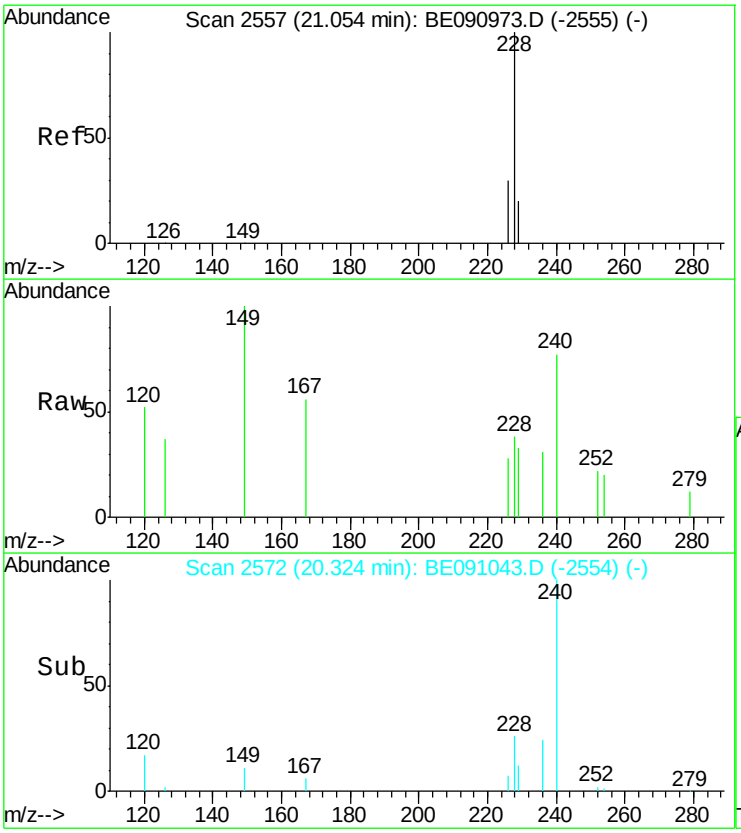
#31
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 20.72 min Scan# 2616
Delta R.T. -0.12 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 51

Ion	Ratio	Lower	Upper
252	100		
254	87.0	51.1	76.7#
126	151.1	12.6	18.8#

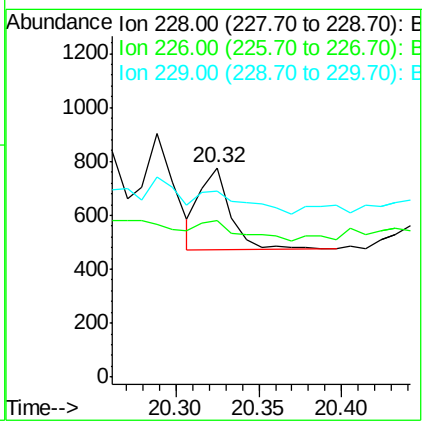


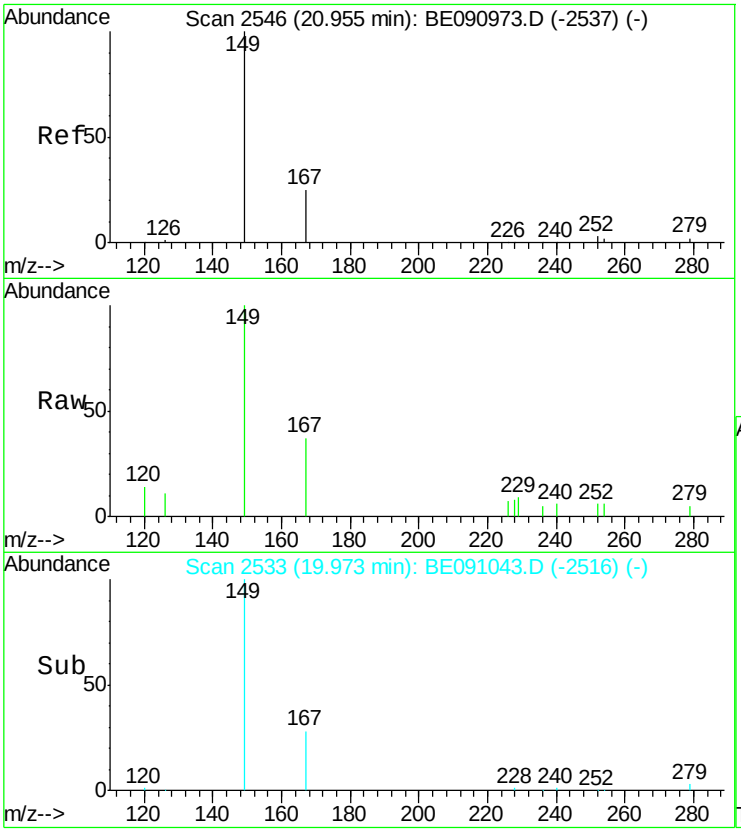


#32
Chrysene
Concen: Below Cal
RT: 20.32 min Scan# 2572
Delta R.T. -0.03 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:228 Resp: 394

Ion	Ratio	Lower	Upper
228	100		
226	75.0	24.0	36.0#
229	89.1	15.9	23.9#



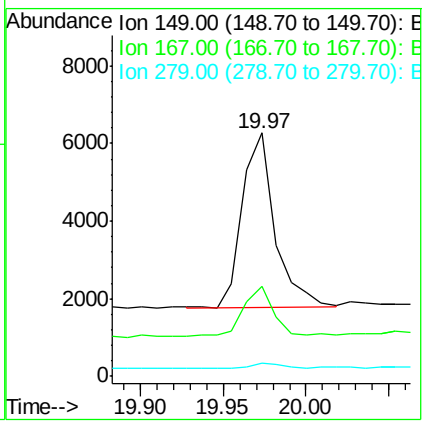


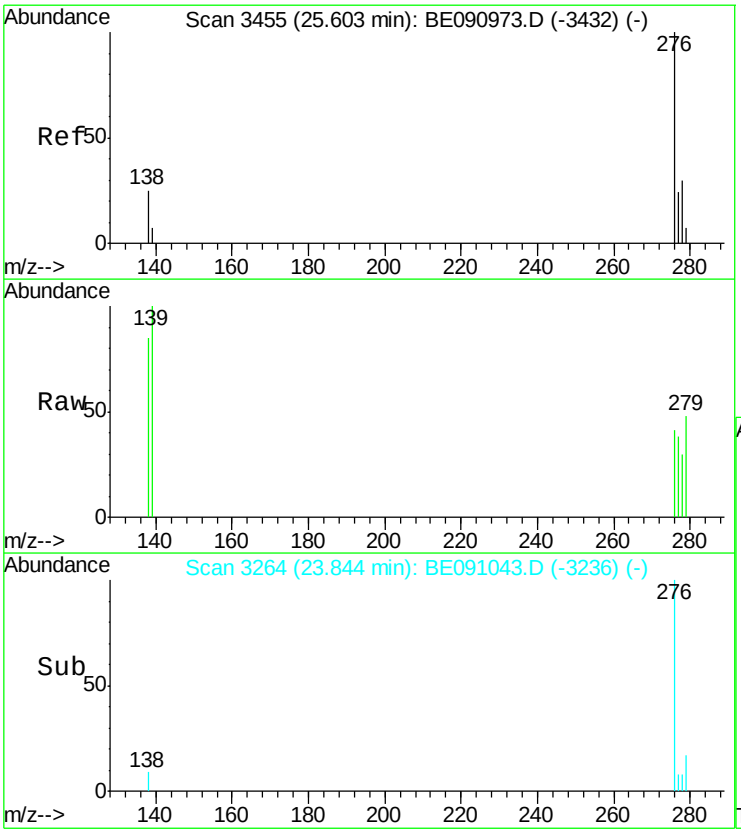
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 19.97 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 6166

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.5	29.3
279	4.4	2.3	3.5#

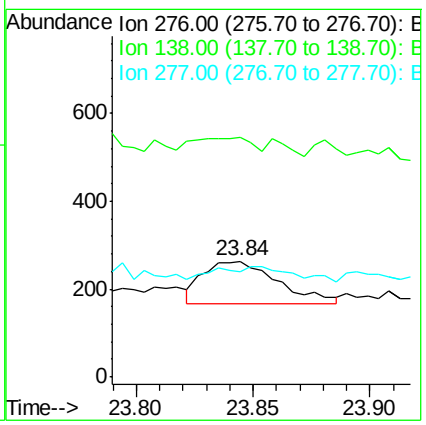


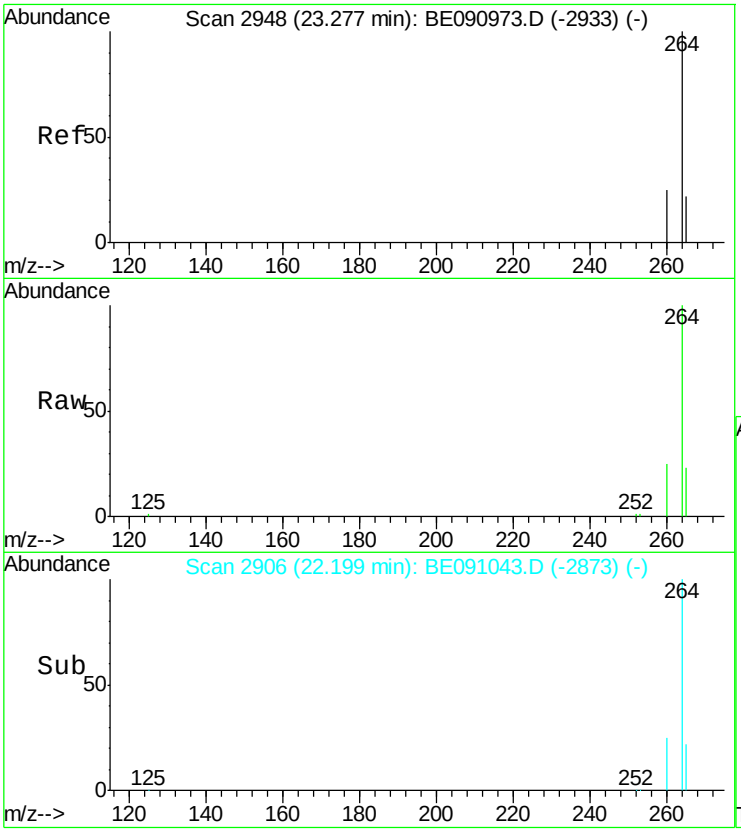


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 23.84 min Scan# 3264
Delta R.T. -0.07 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:276 Resp: 212

Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.4	35.2
277	37.3	19.8	29.8#



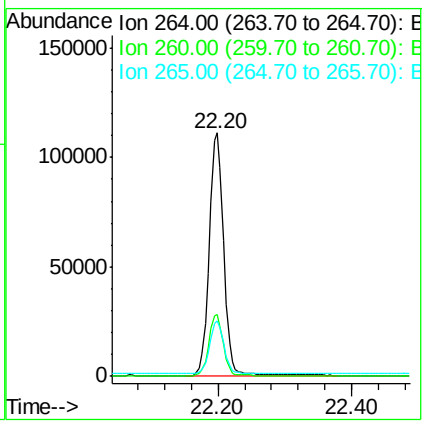


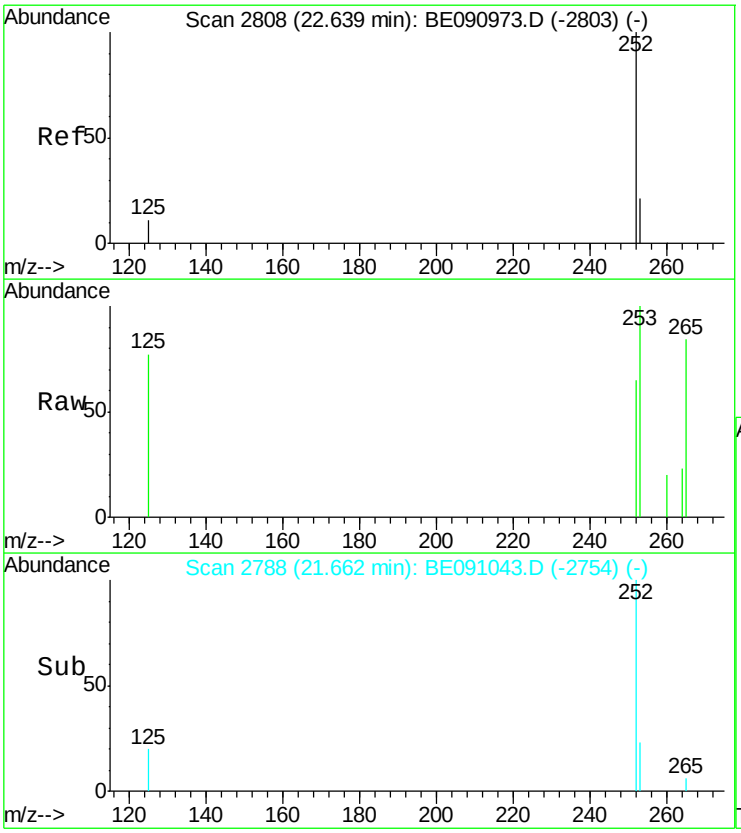
#35
Perylene-d12
Concen: 5.00 ng
RT: 22.20 min Scan# 2906
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 166868

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	22.9	17.5	26.3





#37
Benzo(k)fluoranthene
Concen: Below Cal
RT: 21.66 min Scan# 2788
Delta R.T. -0.05 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:252 Resp: 322

Ion	Ratio	Lower	Upper
252	100		
253	153.1	17.6	26.4#
125	117.5	9.9	14.9#