Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE093015\
Data File : BE090980.D
Acq On : 30 Sep 2015 15:56
Operator : UM/IZ
Sample : PB85802BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85802BL

Quant Time: Oct 01 01:23:07 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 30 16:01:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	24758	5.00	ng	0.00
7) Naphthalene-d8	10.28	136	89529	5.00	ng	0.03
13) Acenaphthene-d10	14.13	164	54644	5.00	ng	0.02
19) Phenanthrene-d10	16.88	188	139291	5.00	ng	0.02
26) Chrysene-d12	21.03	240	188125	5.00	ng	0.00
35) Perylene-d12	23.28	264	168316	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	43884	8.74	ng	0.00
5) Phenol-d6	6.71	99	47320	7.47	ng	-0.01
8) Nitrobenzene-d5	8.69	82	18856	3.26	ng	0.04
14) 2,4,6-Tribromophenol	15.64	330	12265	6.51	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	51716	3.49	ng	0.02
29) Terphenyl-d14	19.49	244	102212	4.41	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.38	42	72	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.96	93	6	0.05	ng #	28
9) Nitrobenzene	8.74	77	4	0.29	ng #	38
10) Naphthalene	10.31	128	7	Below Cal	#	1
11) Hexachlorobutadiene	10.64	225	4	Below Cal	#	1
17) Acenaphthene	14.12	154	340	0.02	ng #	1
21) Hexachlorobenzene	16.20	284	56	Below Cal	#	38
23) Phenanthrene	16.93	178	124	Below Cal	#	62
25) Fluoranthene	18.95	202	20	Below Cal	#	48
27) Benzidine	19.49	184	1861	0.70	ng #	93
28) Pyrene	19.31	202	12	Below Cal	#	24
31) 3,3'-Dichlorobenzidine	20.95	252	21	0.03	ng #	63
32) Chrysene	21.03	228	602	Below Cal	#	78
33) Bis(2-ethylhexyl)phthalate	20.97	149	79	0.06	ng #	49
34) Indeno(1,2,3-cd)pyrene	25.60	276	2	0.11	ng #	1
37) Benzo(k)fluoranthene	22.64	252	12	Below Cal	#	1

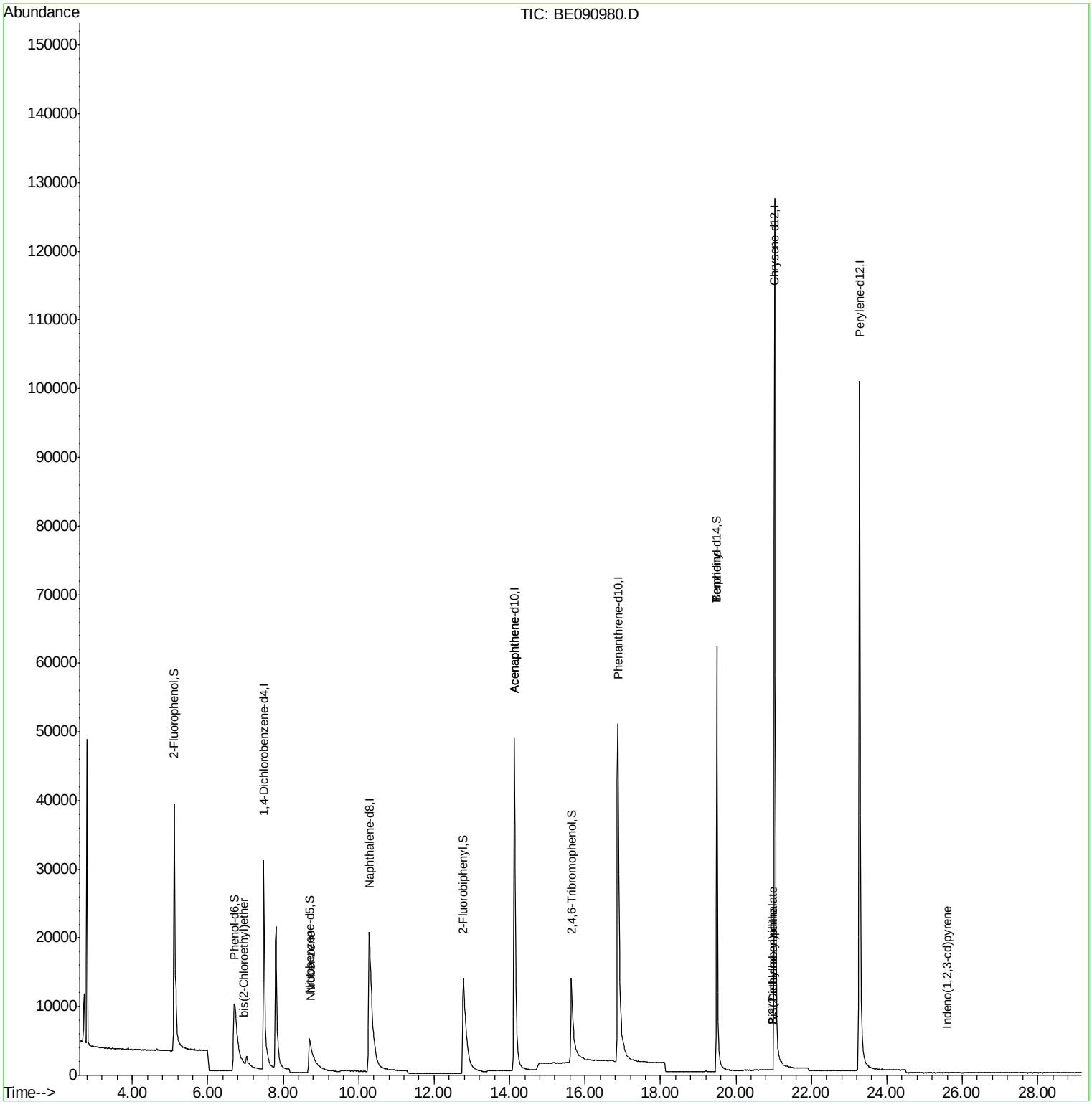
(#) = qualifier out of range (m) = manual integration (+) = signals summed

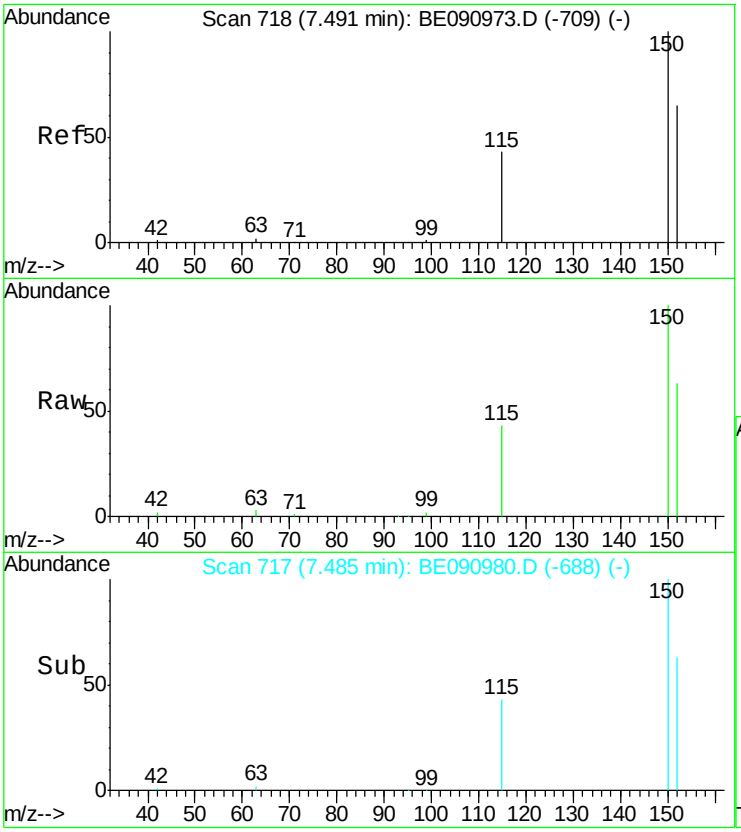
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE093015\
Data File : BE090980.D
Acq On : 30 Sep 2015 15:56
Operator : UM/IZ
Sample : PB85802BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Quant Time: Oct 01 01:23:07 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 30 16:01:03 2015
Response via : Initial Calibration



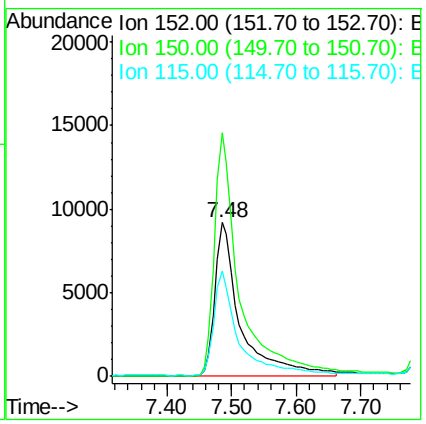


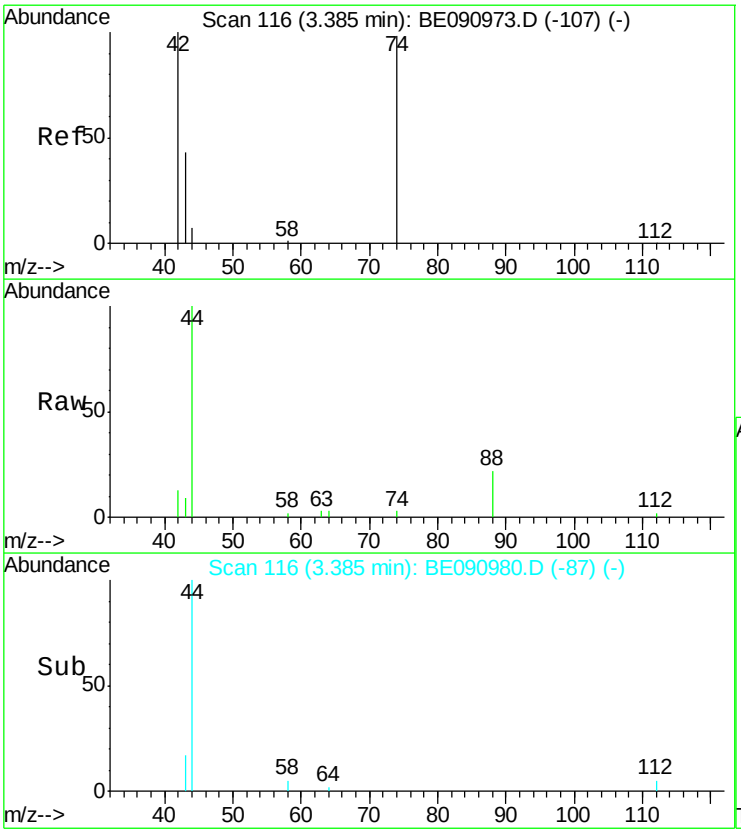
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:152 Resp: 24758

Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.6	183.8
115	68.8	52.8	79.2

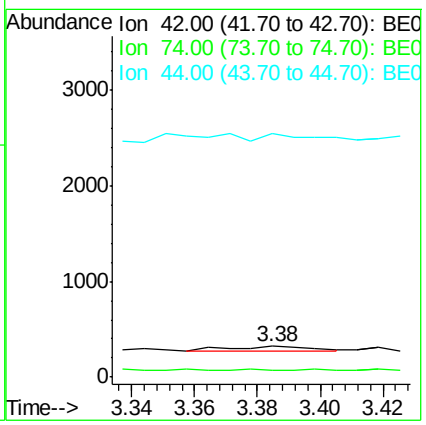


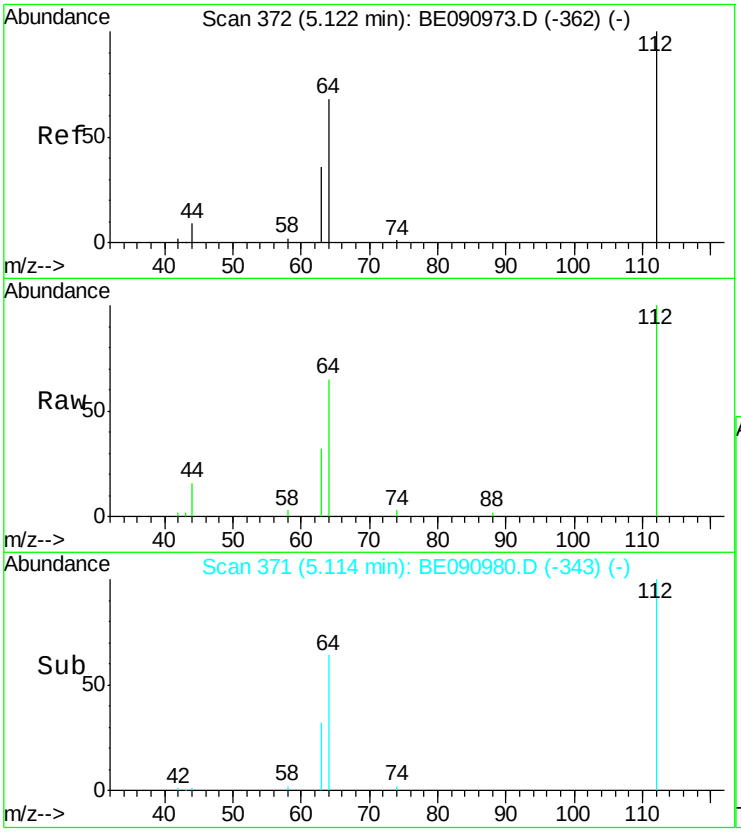


#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.38 min Scan# 116
Delta R.T. -0.00 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion: 42 Resp: 72

Ion	Ratio	Lower	Upper
42	100		
74	0.0	87.9	131.9#
44	127.8	6.6	9.8#



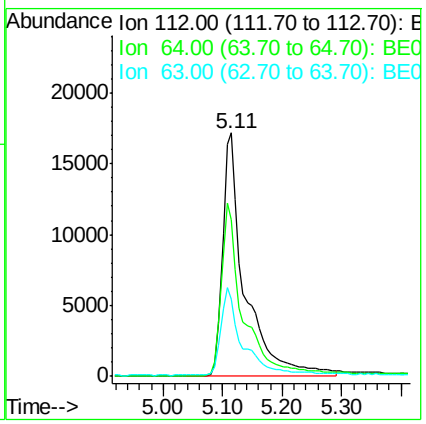


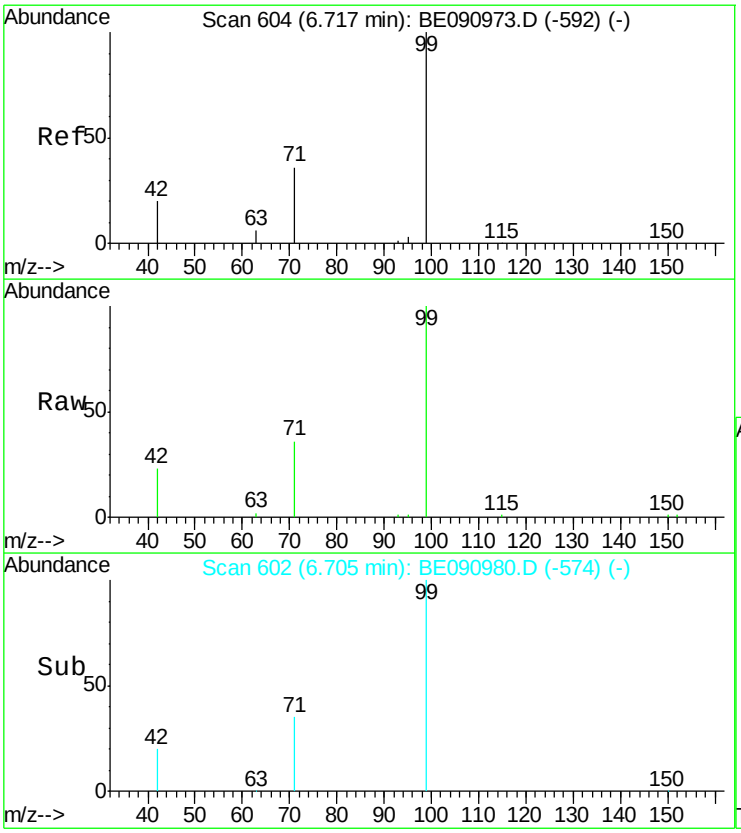
#4
2-Fluorophenol
Concen: 8.74 ng
RT: 5.11 min Scan# 371
Delta R.T. -0.01 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:112 Resp: 43884

Ion	Ratio	Lower	Upper
112	100		
64	69.4	30.9	46.3#
63	35.5	16.7	25.1#

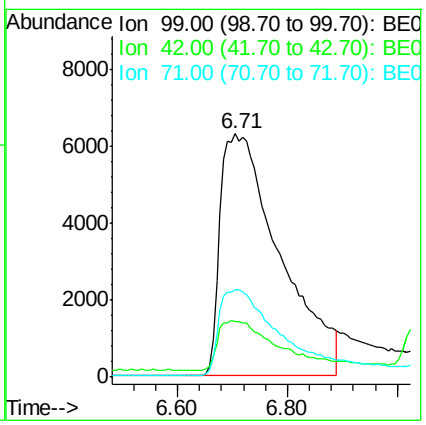


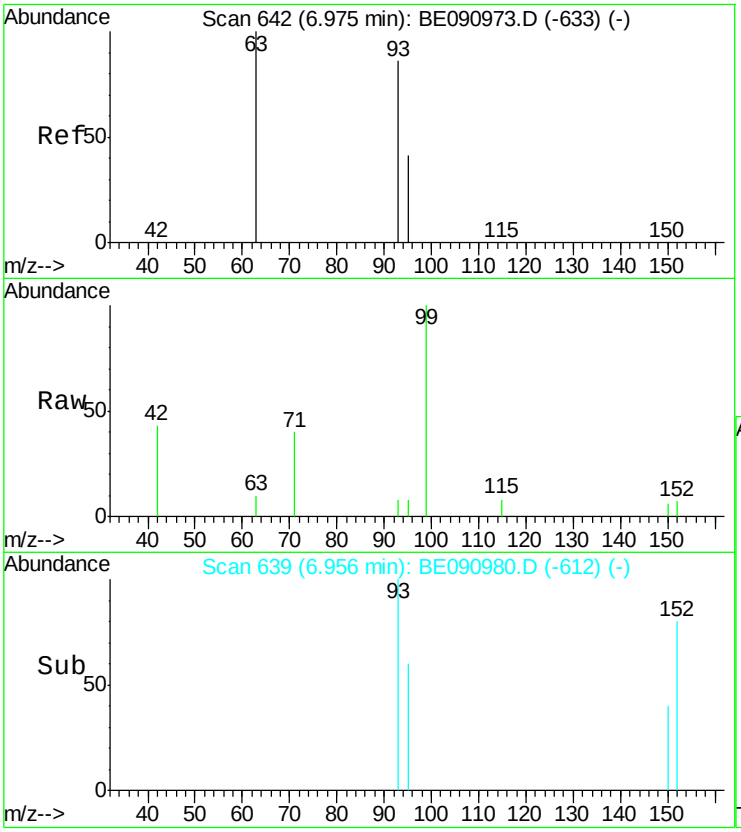


#5
Phenol-d6
Concen: 7.47 ng
RT: 6.71 min Scan# 602
Delta R.T. -0.01 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion: 99 Resp: 47320

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.2	24.2
71	35.5	29.0	43.4



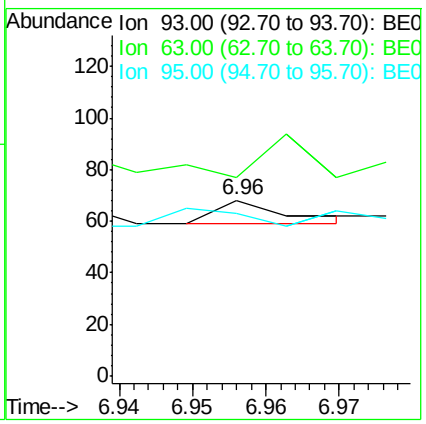


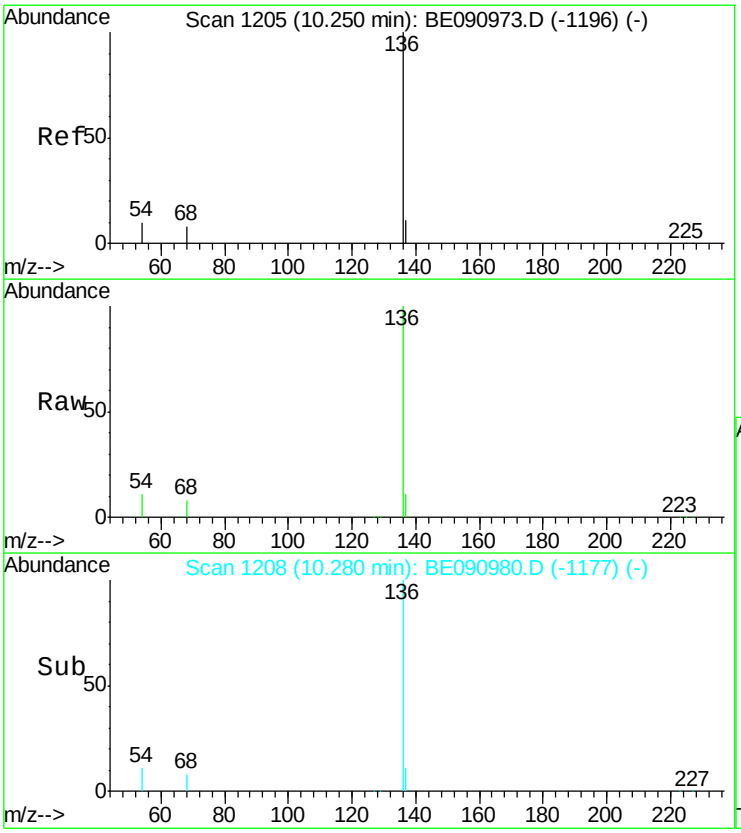
#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 6.96 min Scan# 639
Delta R.T. -0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion: 93 Resp: 6

Ion	Ratio	Lower	Upper
93	100		
63	0.0	49.5	74.3#
95	0.0	22.2	33.4#

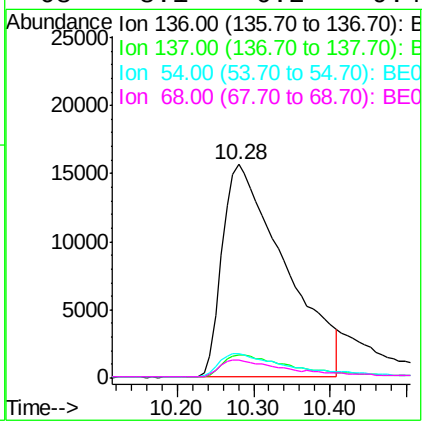


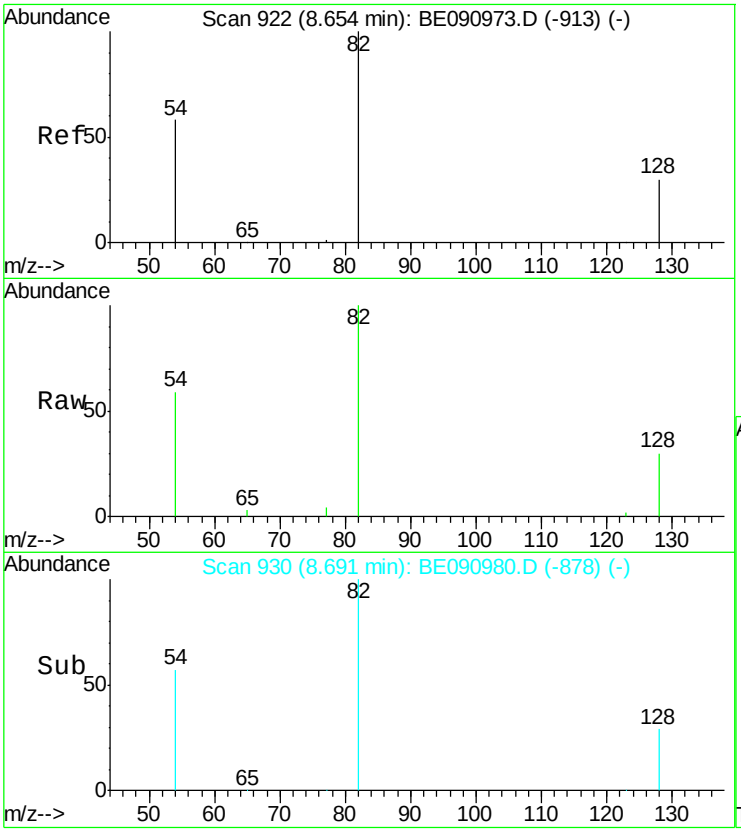


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.28 min Scan# 1208
Delta R.T. 0.03 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:136 Resp: 89529

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.5	8.2	12.4
68	8.1	6.2	9.4



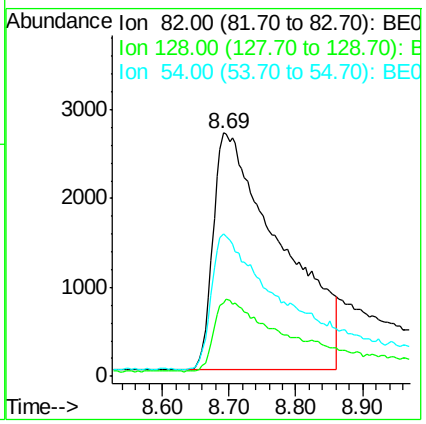


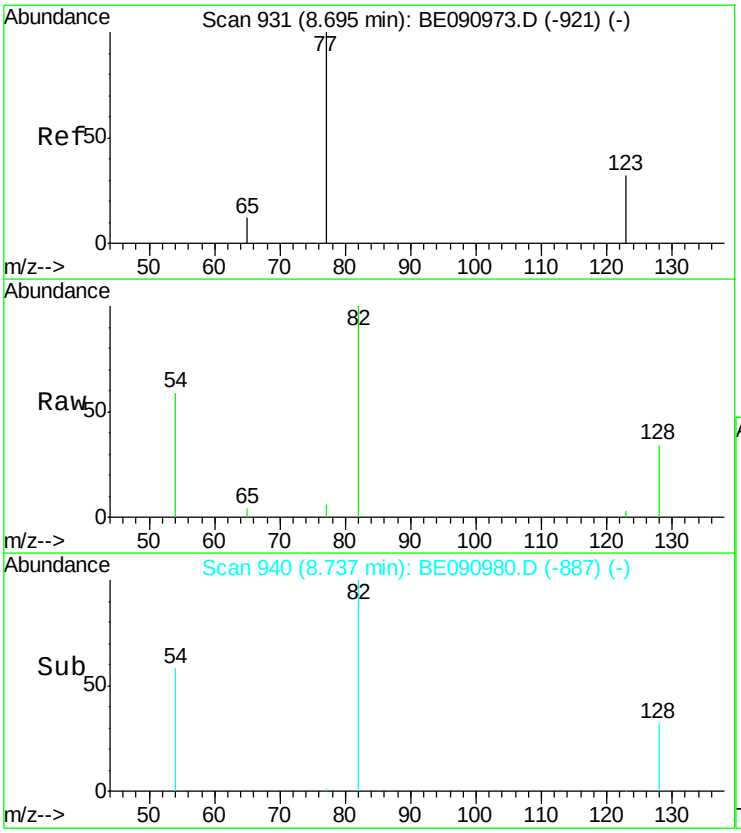
#8
Nitrobenzene-d5
Concen: 3.26 ng
RT: 8.69 min Scan# 930
Delta R.T. 0.04 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion: 82 Resp: 18856

Ion	Ratio	Lower	Upper
82	100		
128	30.1	25.4	38.0
54	58.7	48.4	72.6

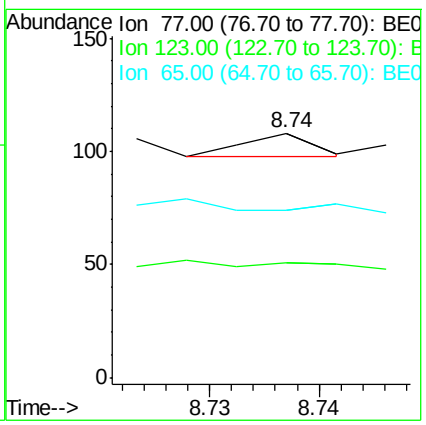


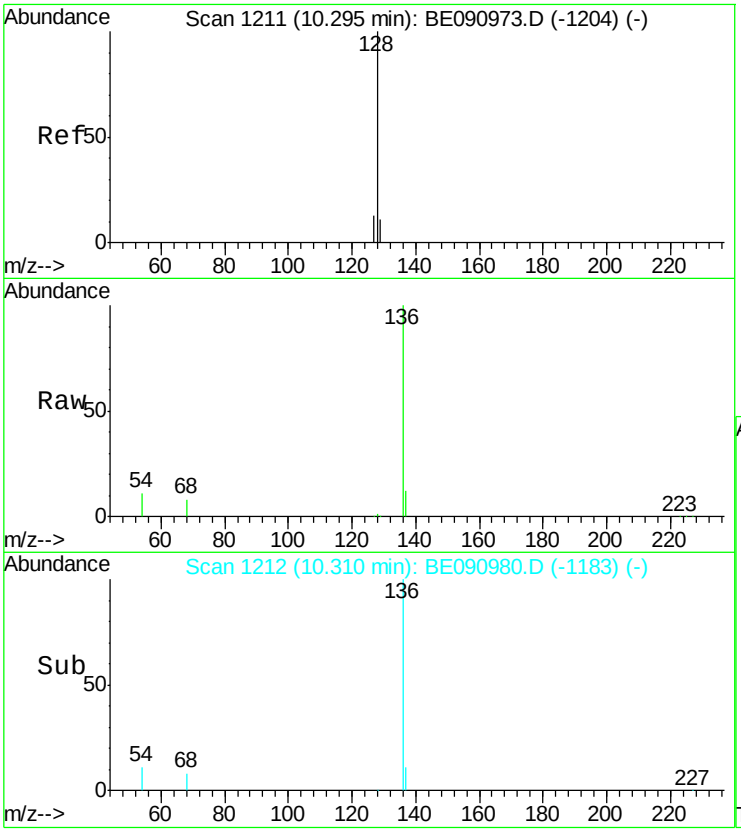


#9
Nitrobenzene
Concen: 0.29 ng
RT: 8.74 min Scan# 940
Delta R.T. 0.04 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion: 77 Resp: 4

Ion	Ratio	Lower	Upper
77	100		
123	75.0	26.9	40.3#
65	0.0	9.4	14.2#



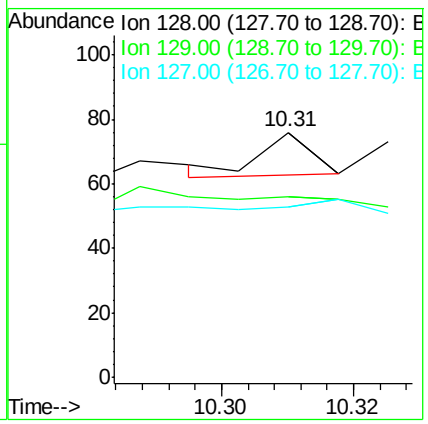


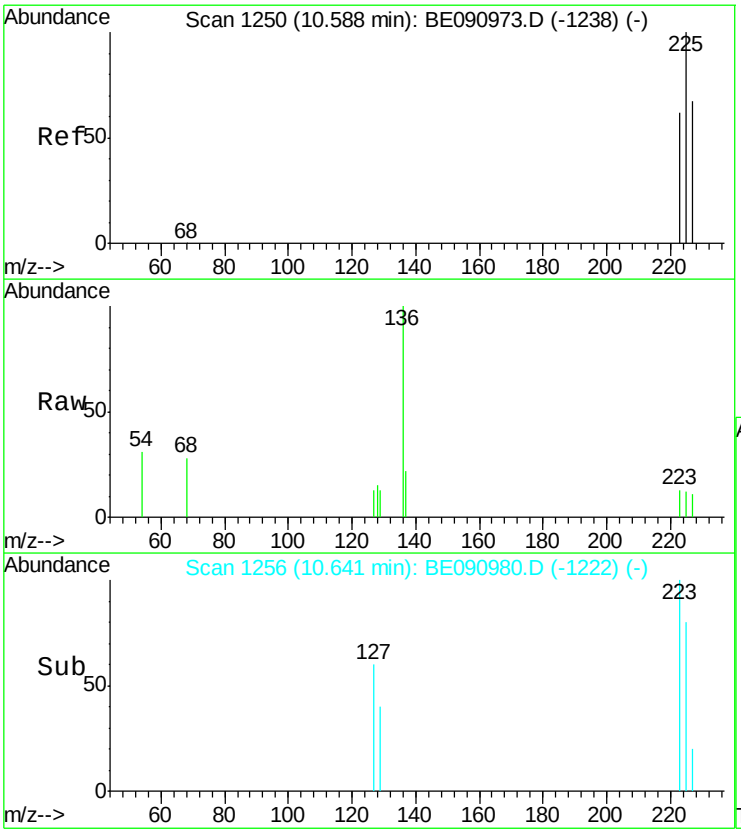
#10
Naphthalene
Concen: Below Cal
RT: 10.31 min Scan# 1212
Delta R.T. 0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:128 Resp: 7

Ion	Ratio	Lower	Upper
128	100		
129	73.7	9.3	13.9#
127	69.7	10.7	16.1#

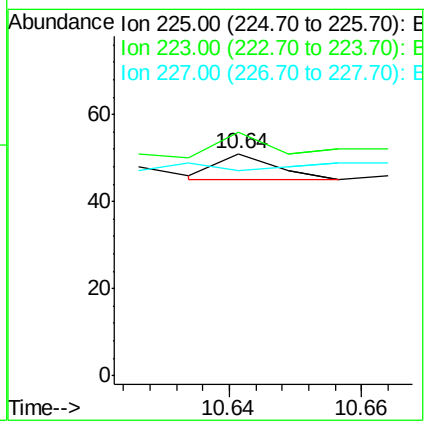


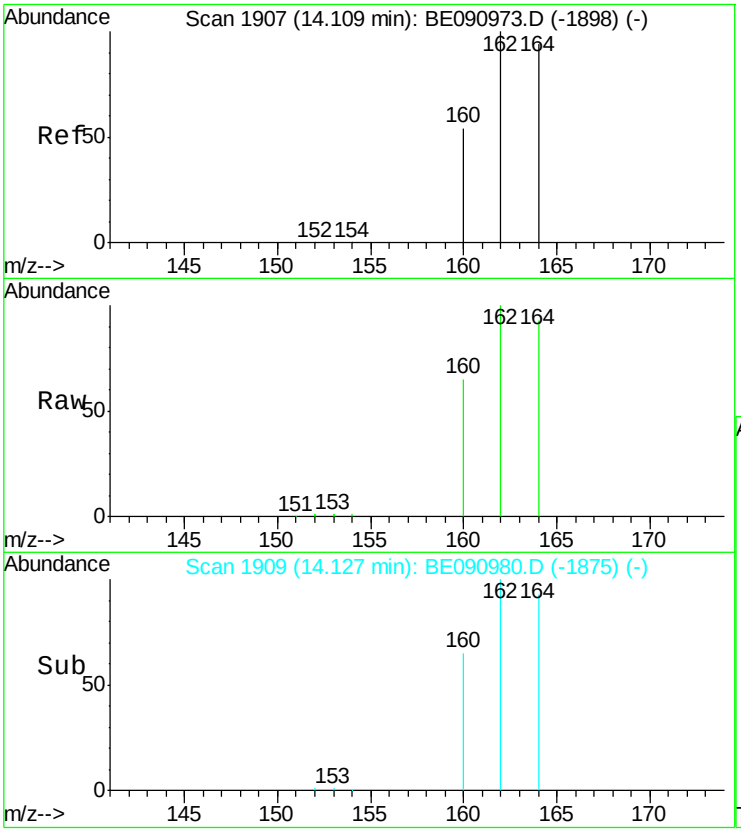


#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.64 min Scan# 1256
Delta R.T. 0.05 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	250.0	49.0	73.6#
227	0.0	50.3	75.5#



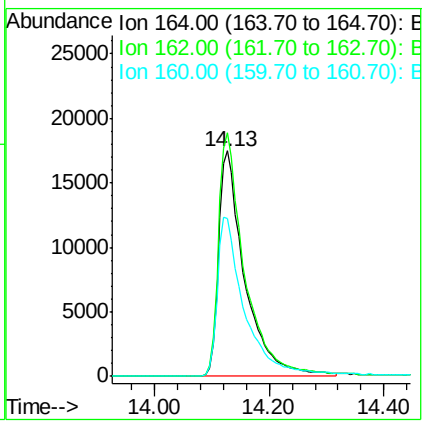


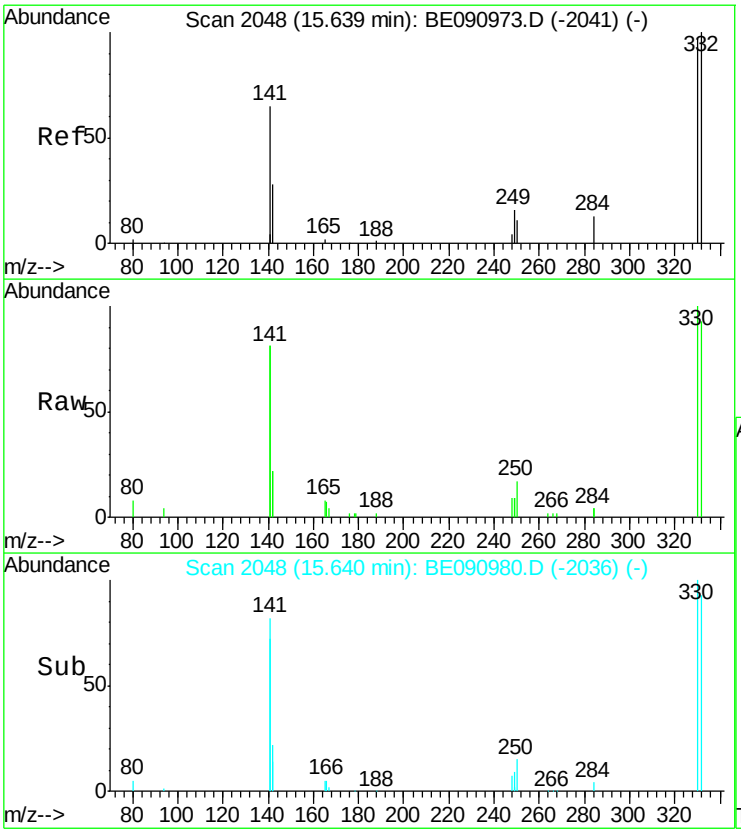
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.13 min Scan# 1909
Delta R.T. 0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:164 Resp: 54644

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.3	127.9
160	69.9	46.2	69.2#

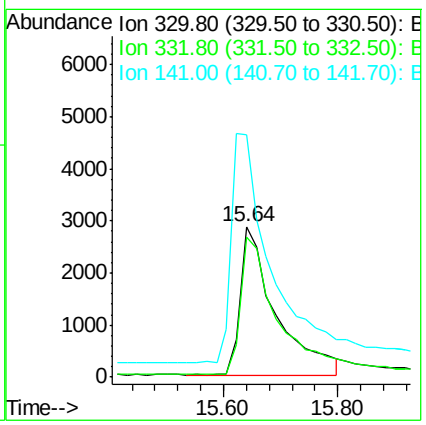


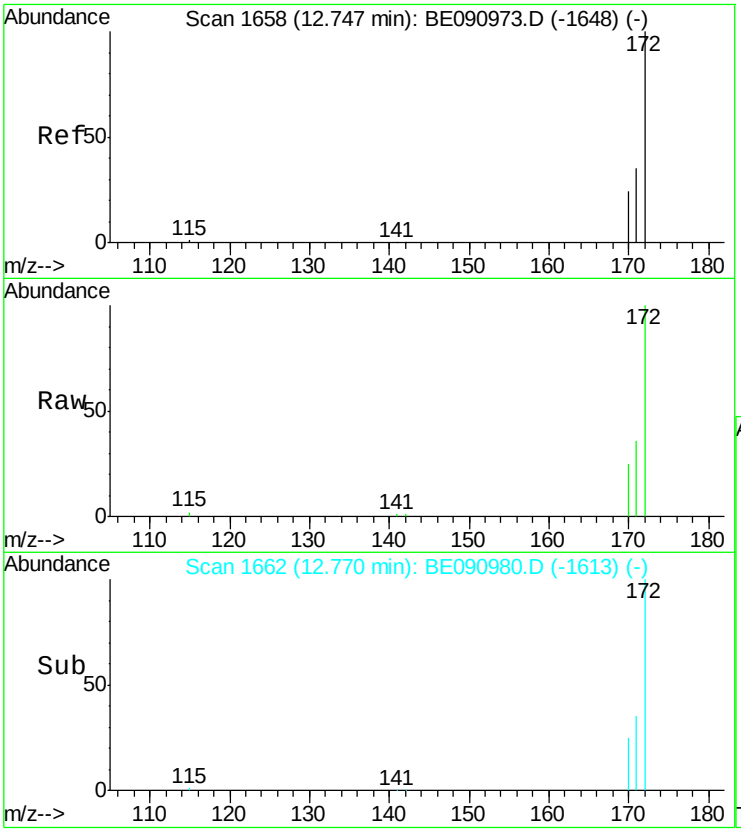


#14
2,4,6-Tribromophenol
Concen: 6.51 ng
RT: 15.64 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:330 Resp: 12265

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	173.2	125.4	188.0



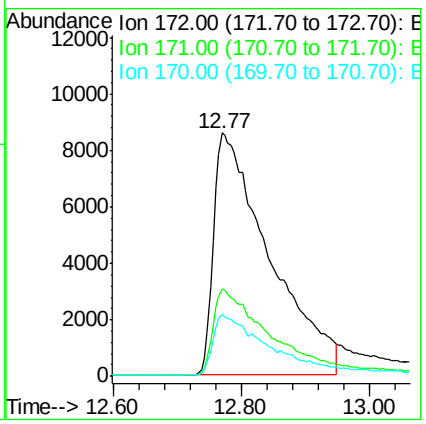


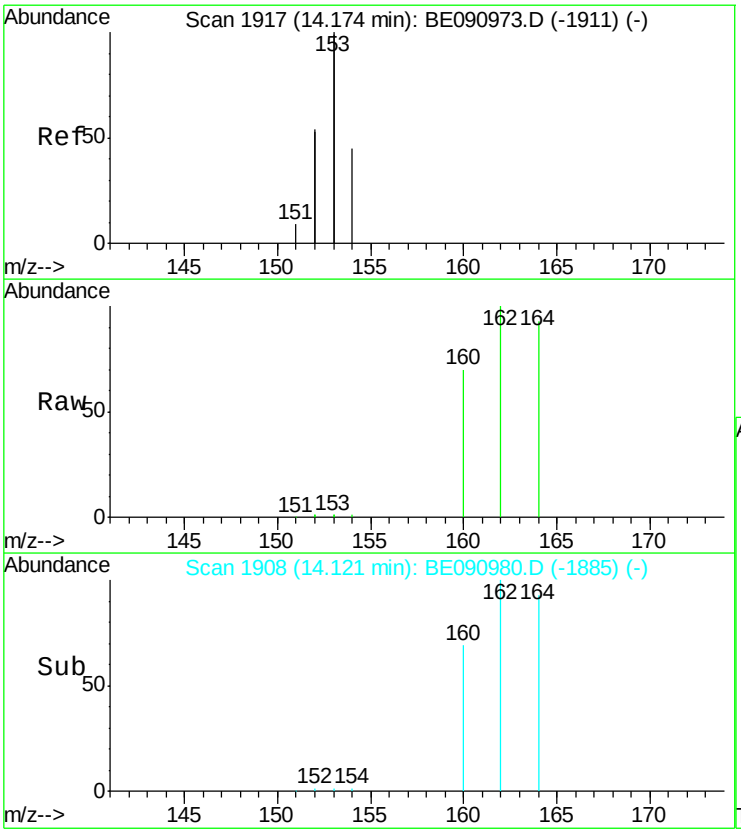
#15
2-Fluorobiphenyl
Concen: 3.49 ng
RT: 12.77 min Scan# 1662
Delta R.T. 0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:172 Resp: 51716

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	25.2	19.3	28.9

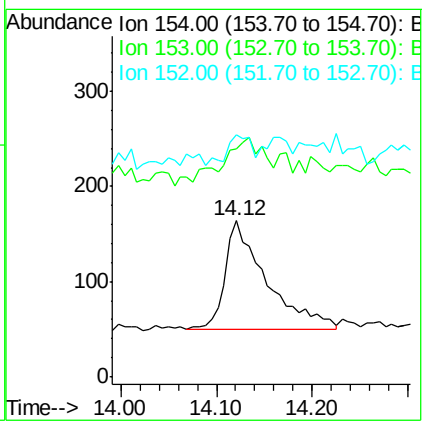


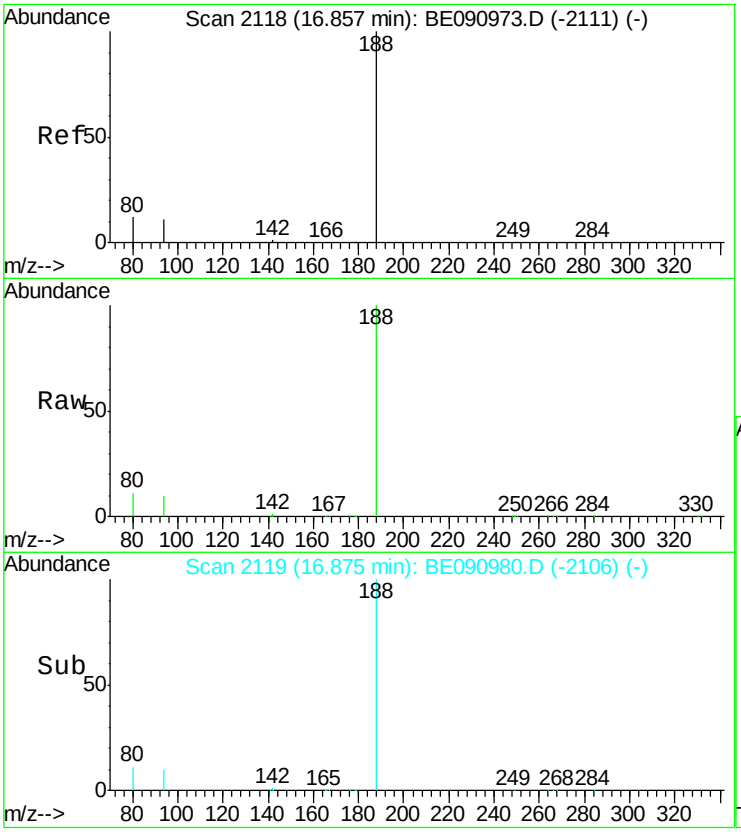


#17
Acenaphthene
Concen: 0.02 ng
RT: 14.12 min Scan# 1908
Delta R.T. -0.05 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:154 Resp: 340

Ion	Ratio	Lower	Upper
154	100		
153	23.2	352.0	528.0#
152	10.3	200.0	300.0#



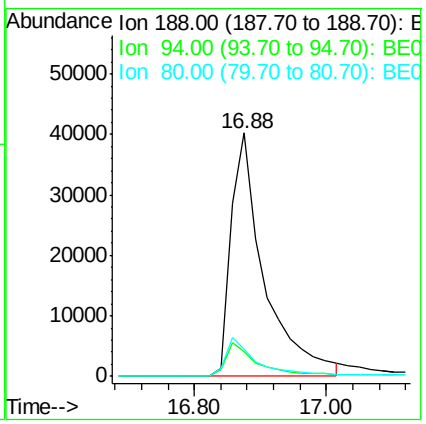


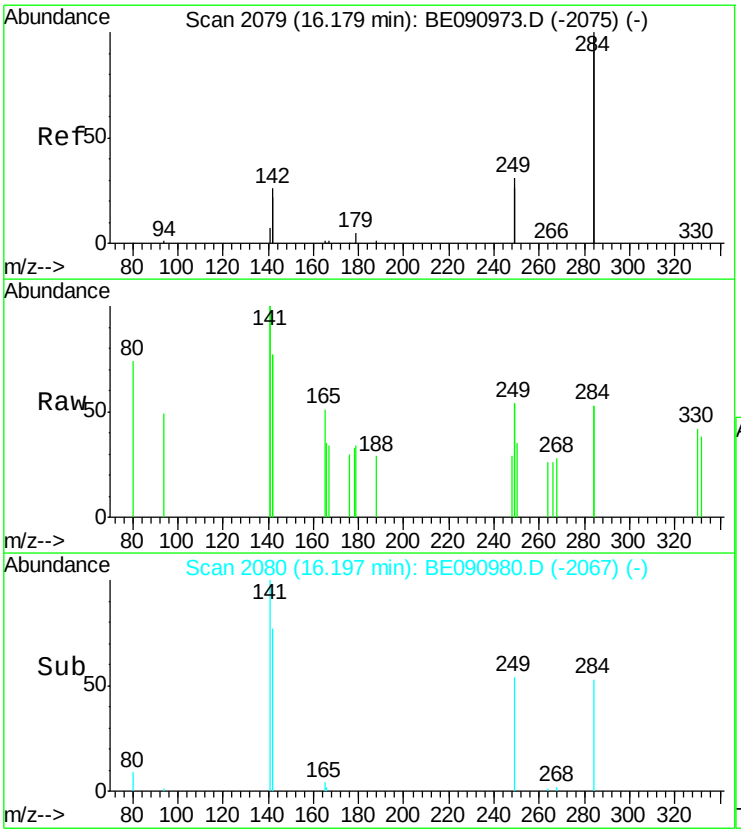
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.88 min Scan# 2119
Delta R.T. 0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:188 Resp: 139291

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	11.4	9.4	14.0

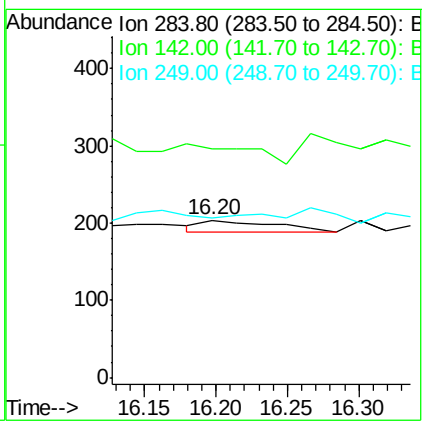


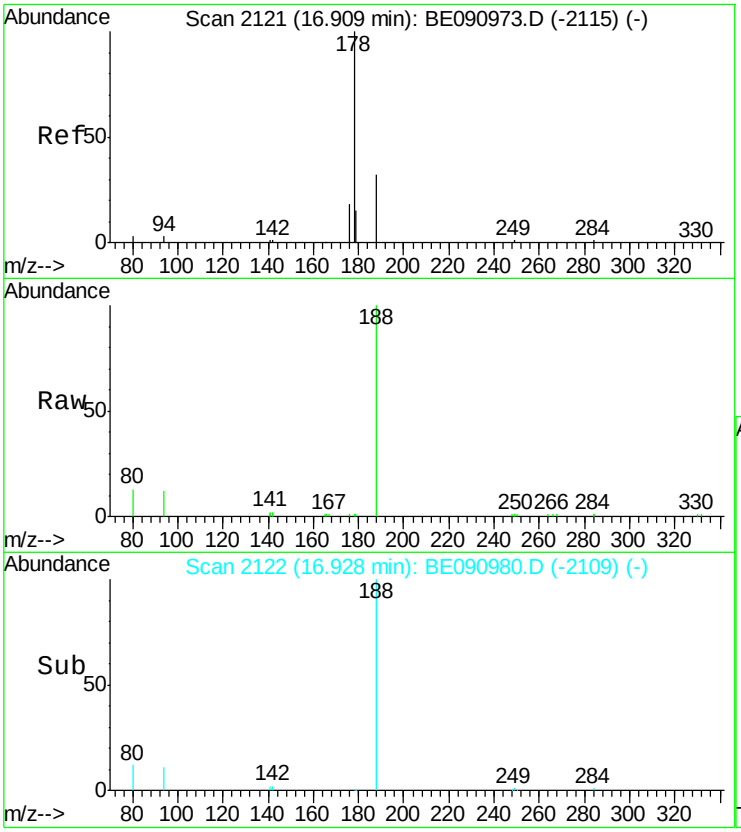


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.20 min Scan# 2080
Delta R.T. 0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:284 Resp: 56

Ion	Ratio	Lower	Upper
284	100		
142	0.0	32.2	48.2#
249	0.0	25.4	38.2#



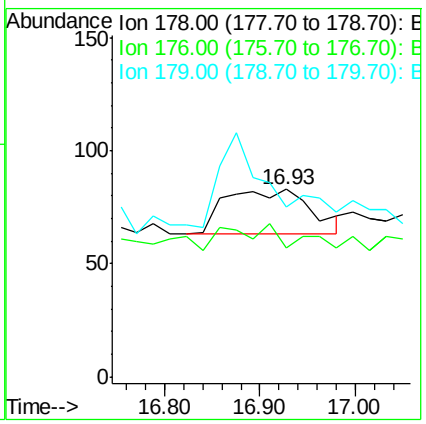


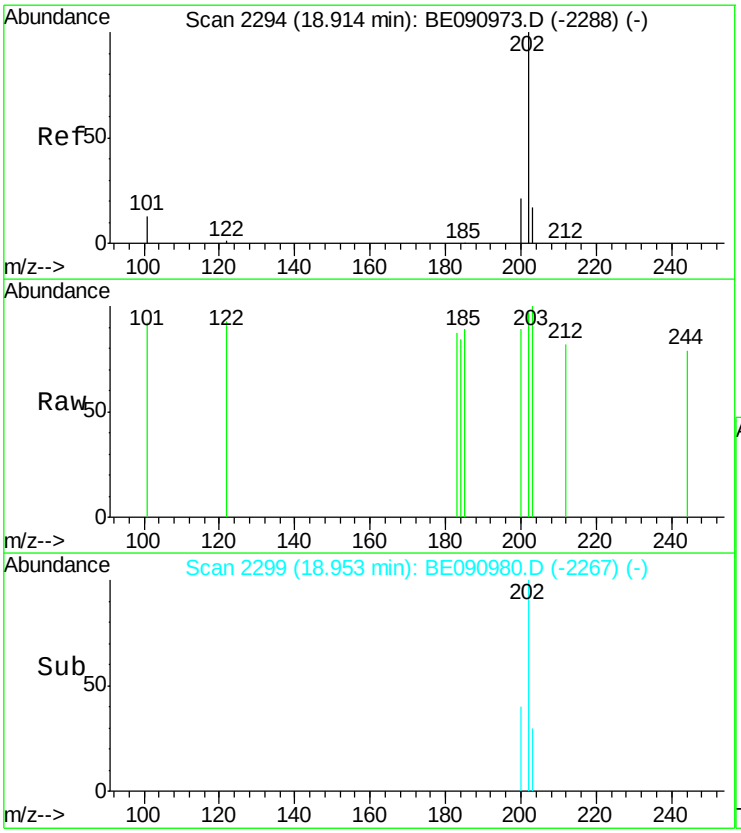
#23
Phenanthrene
Concen: Below Cal
RT: 16.93 min Scan# 2122
Delta R.T. 0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:178 Resp: 124

Ion	Ratio	Lower	Upper
178	100		
176	36.3	15.3	22.9#
179	0.0	12.6	18.8#

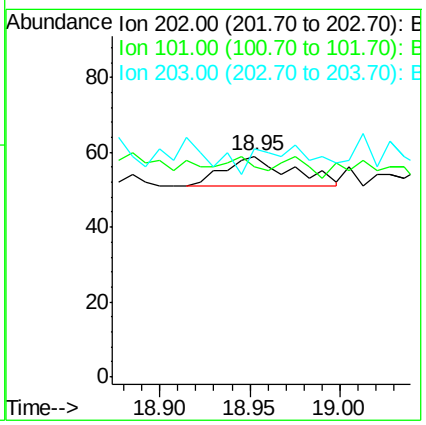


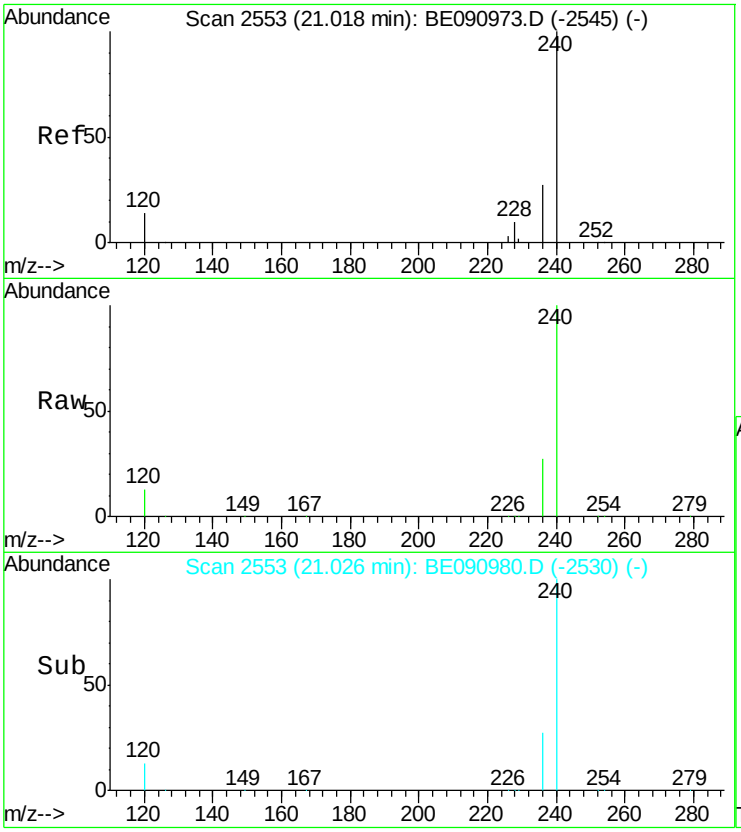


#25
Fluoranthene
Concen: Below Cal
RT: 18.95 min Scan# 2299
Delta R.T. 0.04 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:202 Resp: 20

Ion	Ratio	Lower	Upper
202	100		
101	35.0	11.0	16.6#
203	40.0	13.9	20.9#



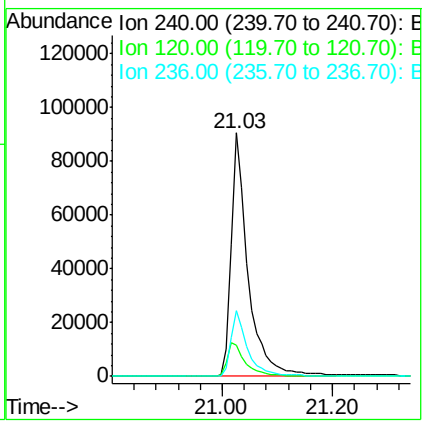


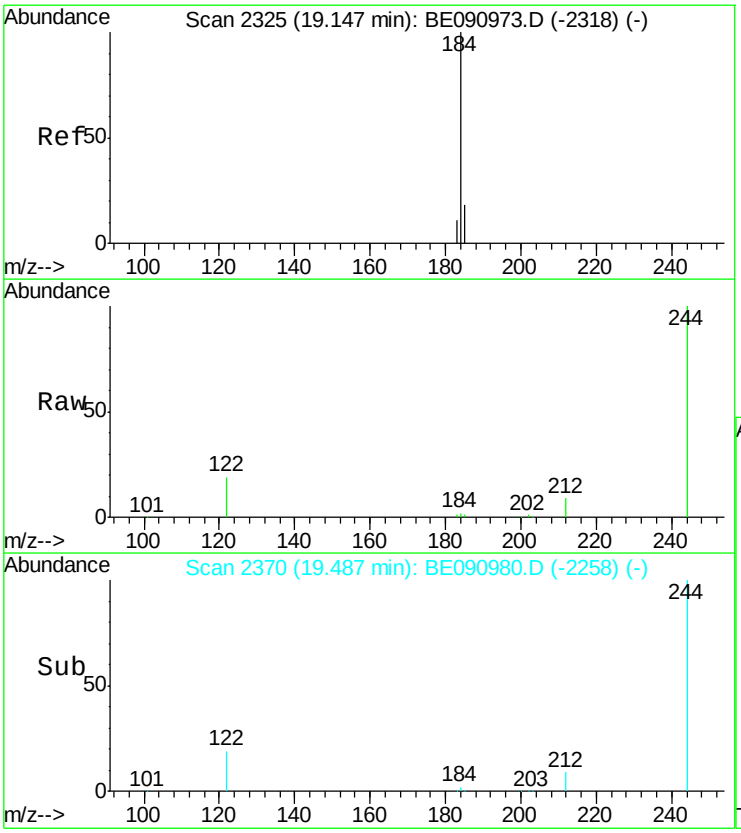
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:240 Resp: 188125

Ion	Ratio	Lower	Upper
240	100		
120	12.9	11.0	16.4
236	26.7	21.7	32.5

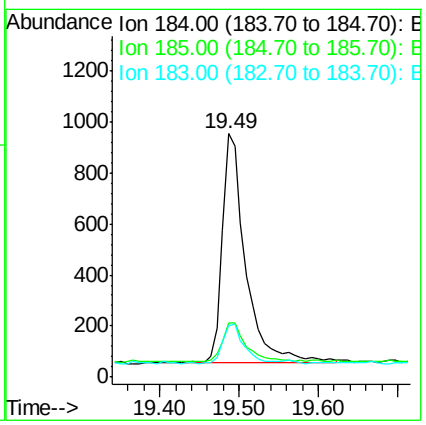


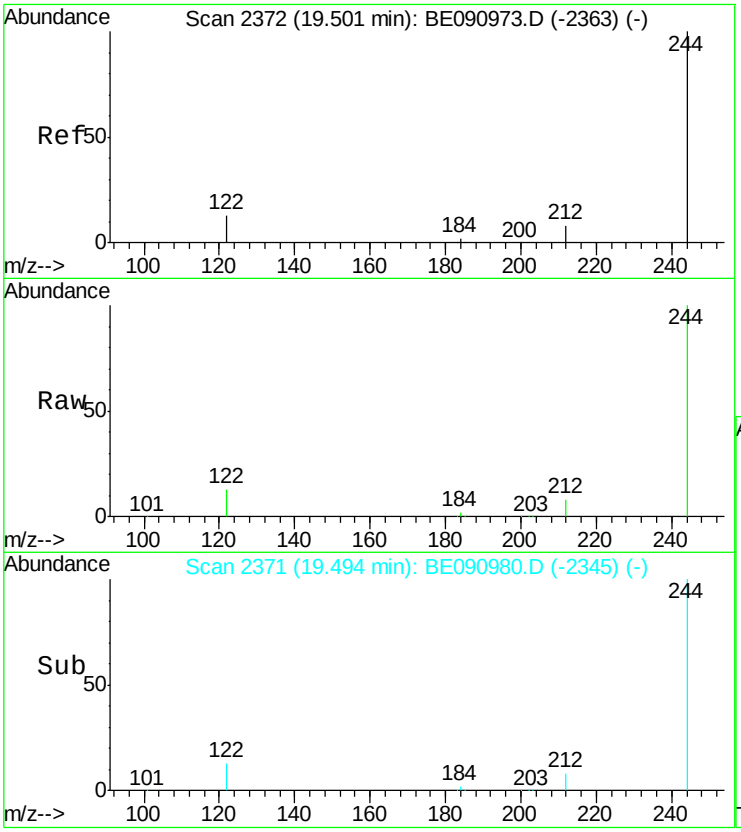


#27
Benzidine
Concen: 0.70 ng
RT: 19.49 min Scan# 2370
Delta R.T. 0.34 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:184 Resp: 1861

Ion	Ratio	Lower	Upper
184	100		
185	22.1	22.3	33.5#
183	21.2	16.4	24.6



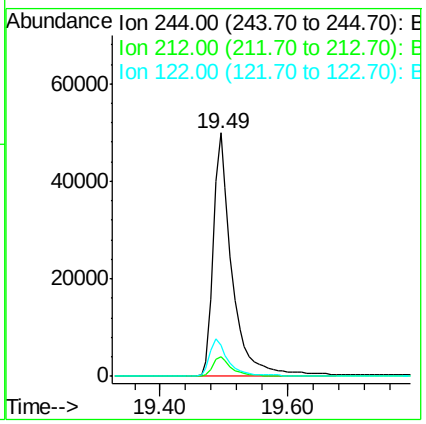


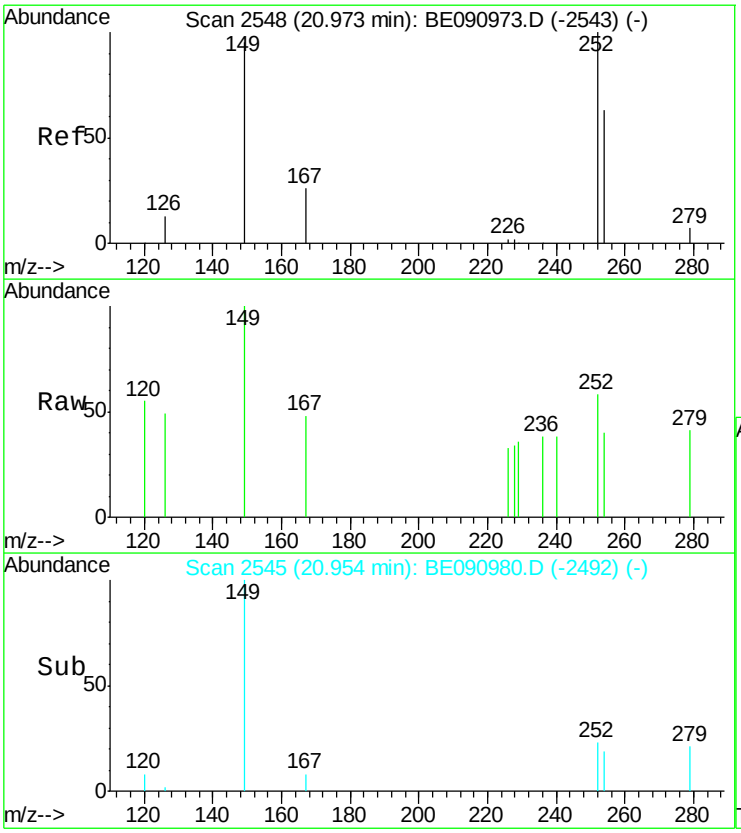
#29
Terphenyl-d14
Concen: 4.41 ng
RT: 19.49 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:244 Resp: 102212

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	12.9	11.0	16.4

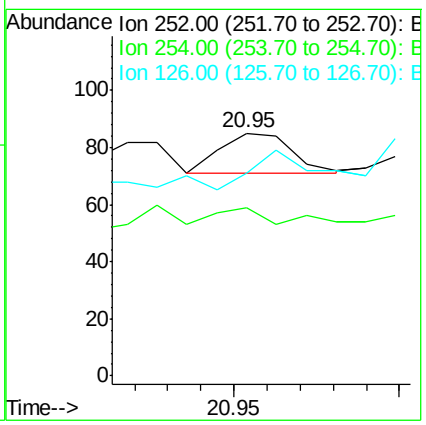


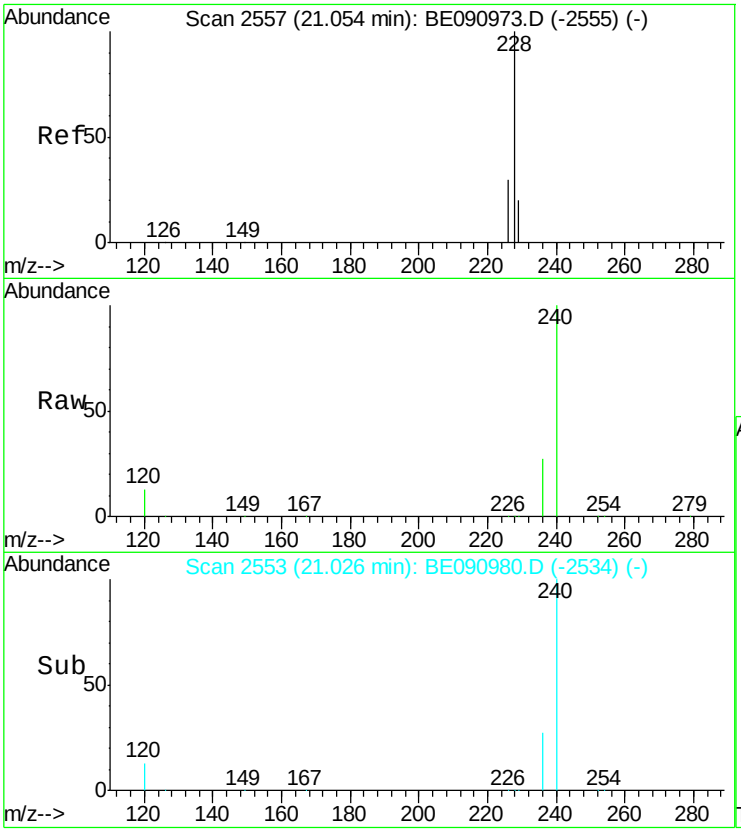


#31
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 20.95 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:252 Resp: 21

Ion	Ratio	Lower	Upper
252	100		
254	69.4	51.1	76.7
126	83.5	12.6	18.8#



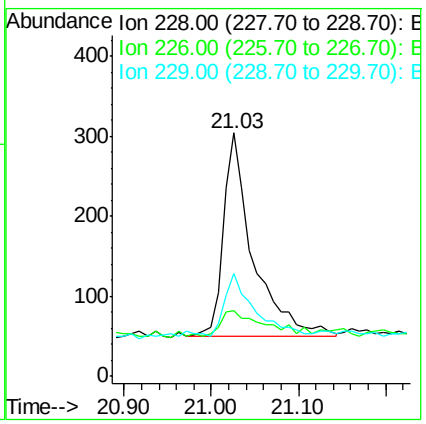


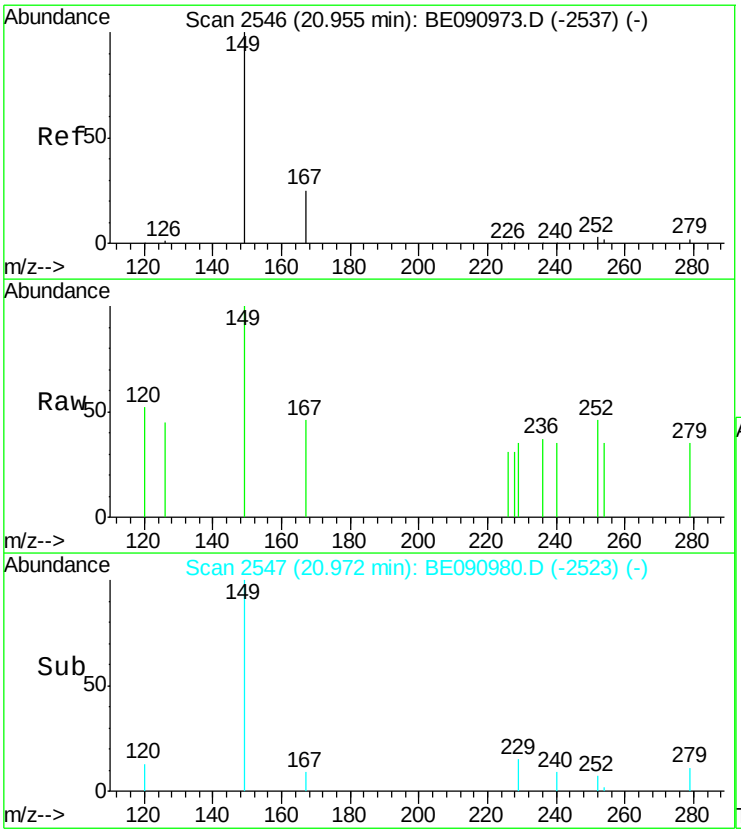
#32
Chrysene
Concen: Below Cal
RT: 21.03 min Scan# 2553
Delta R.T. -0.03 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:228 Resp: 602

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	42.1	15.9	23.9#

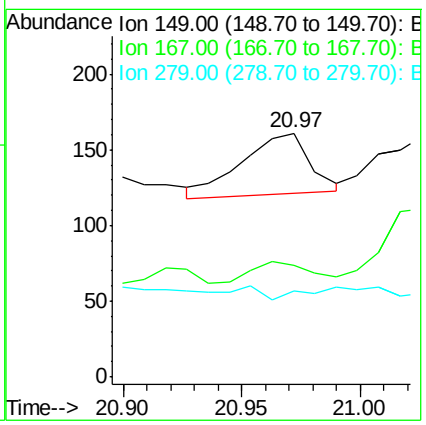


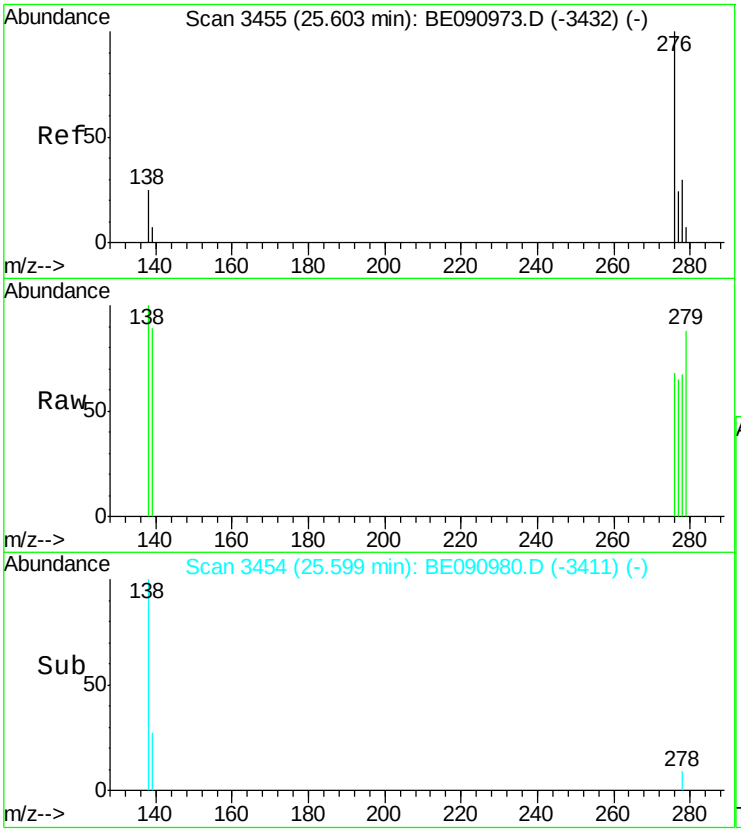


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 20.97 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:149 Resp: 79

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.5	29.3#
279	24.1	2.3	3.5#



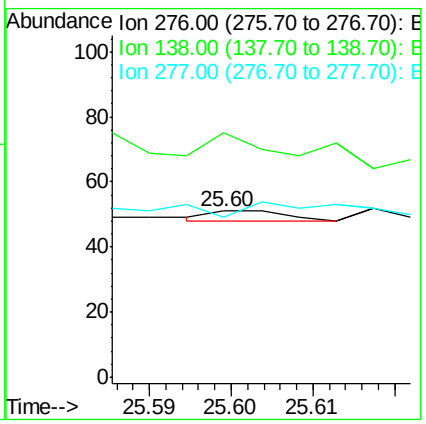


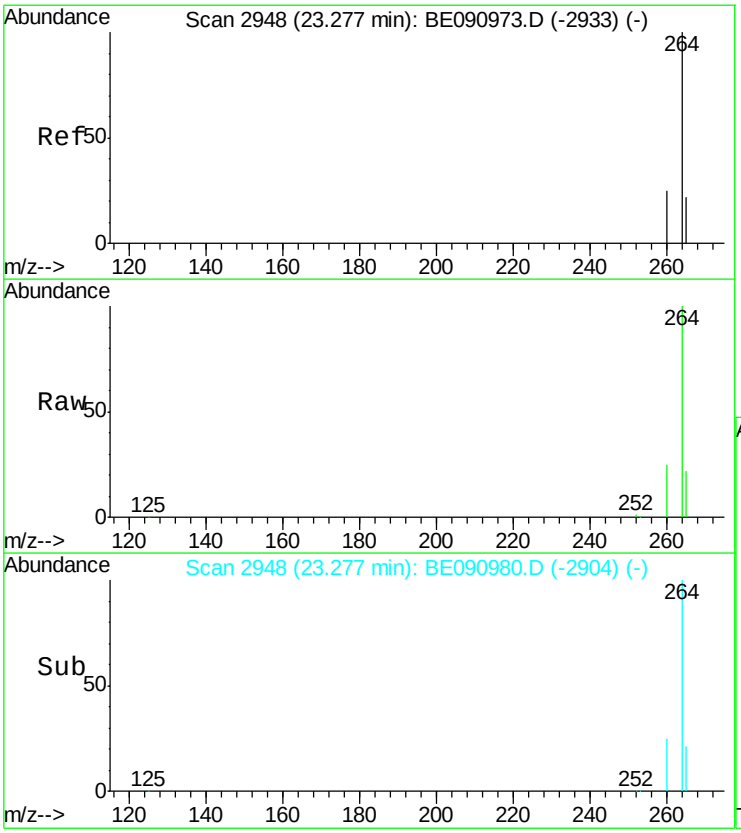
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.60 min Scan# 3454
Delta R.T. -0.00 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	500.0	23.4	35.2#
277	200.0	19.8	29.8#

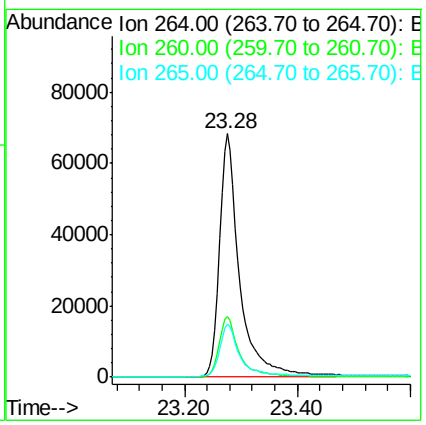


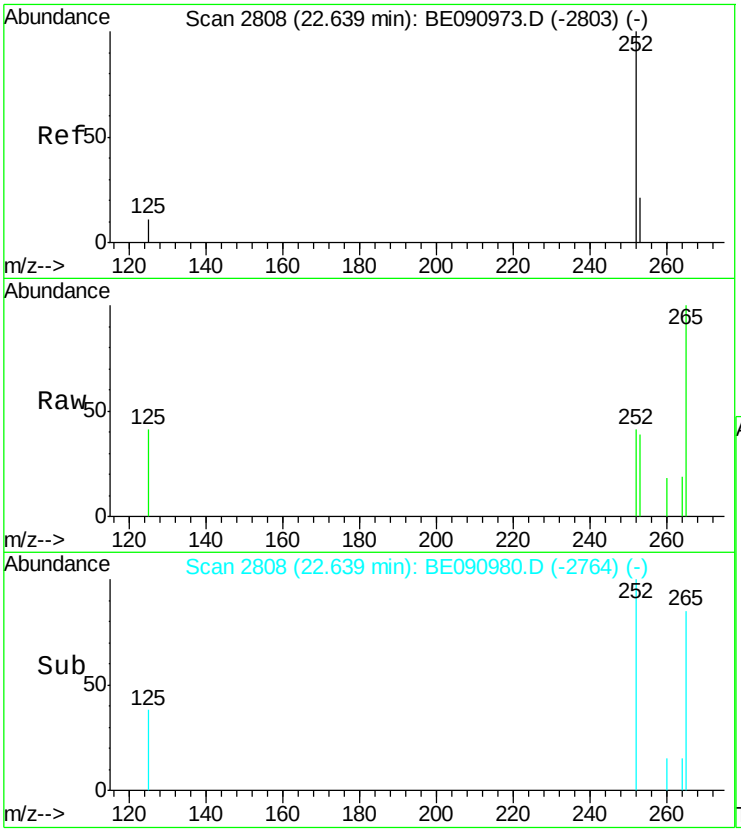


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.28 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Tgt Ion:264 Resp: 168316

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	21.7	17.5	26.3





#37
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.64 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BE090980.D
Acq: 30 Sep 2015 15:56

Instrument :
BNA_E
ClientSampleId :
PB85802BL

Tgt Ion:252 Resp: 12

Ion	Ratio	Lower	Upper
252	100		
253	93.8	17.6	26.4#
125	100.0	9.9	14.9#