Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090381.D
Acq On : 6 Aug 2015 8:31
Operator : TP/UM
Sample : G3180-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 080415-D506-E-D-B

Quant Time: Aug 06 11:18:16 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 02:22:05 2015
Response via : Initial Calibration

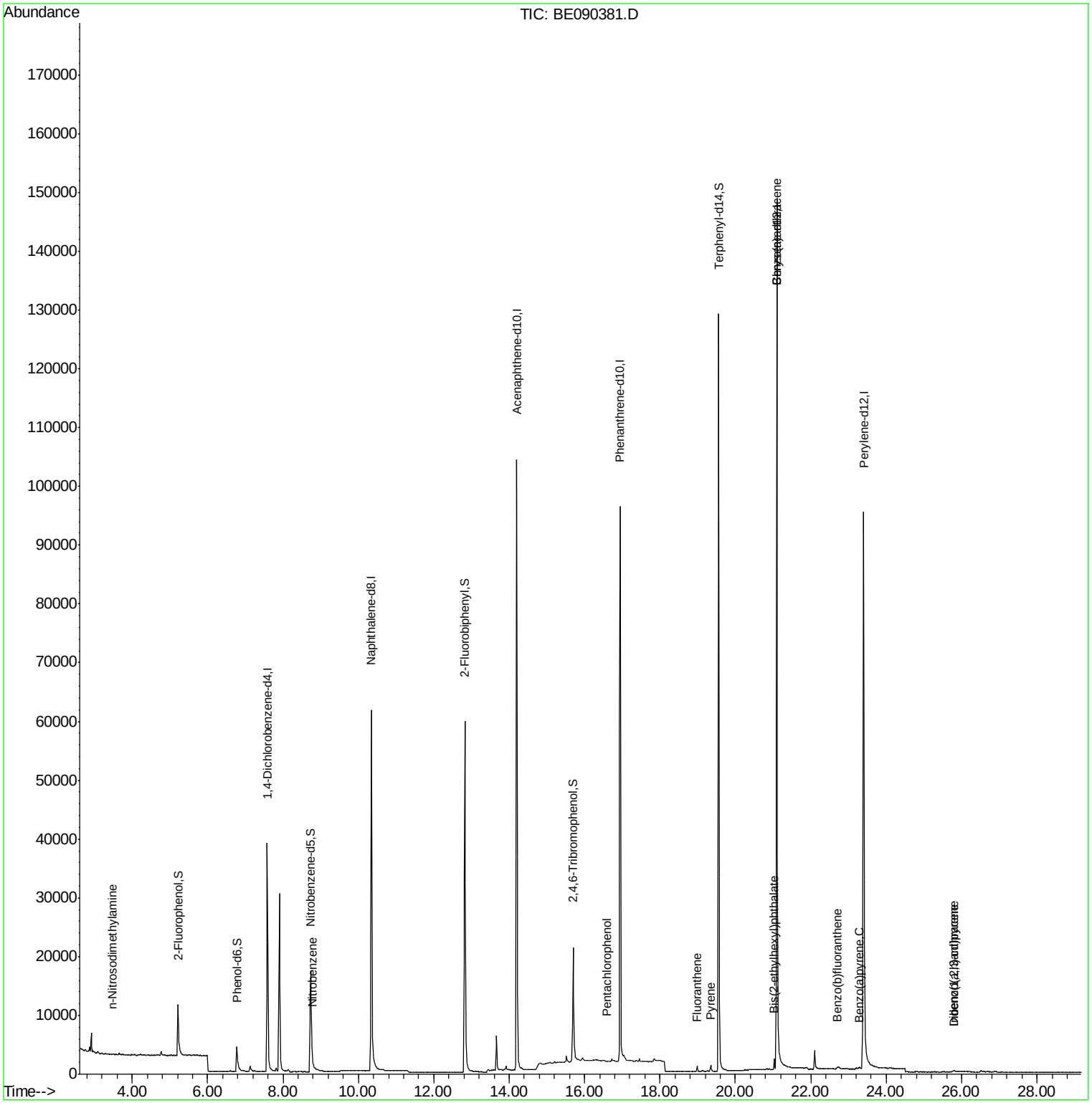
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	21325	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	96329	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	67625	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	139867	5.00	ng	0.00
25) Chrysene-d12	21.10	240	159206	5.00	ng	0.00
32) Perylene-d12	23.40	264	144855	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	8762	2.37	ng	0.00
5) Phenol-d6	6.77	99	7812	1.34	ng	0.00
7) Nitrobenzene-d5	8.73	82	25087	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	10272	5.75	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	68071	3.66	ng	0.00
27) Terphenyl-d14	19.55	244	137338	5.86	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	47	Below Cal	#	15
3) n-Nitrosodimethylamine	3.47	42	84	0.03	ng	# 10
8) Nitrobenzene	8.78	77	10	0.21	ng	# 50
10) Hexachlorobutadiene	10.68	225	13	Below Cal	#	53
21) Pentachlorophenol	16.60	266	28	0.10	ng	# 63
24) Fluoranthene	18.99	202	986	0.03	ng	# 92
26) Pyrene	19.35	202	1163	0.03	ng	# 92
28) Benzo(a)anthracene	21.09	228	1205	0.03	ng	# 74
30) Bis(2-ethylhexyl)phthalate	21.03	149	1710	0.31	ng	96
31) Indeno(1,2,3-cd)pyrene	25.79	276	491	0.27	ng	# 67
33) Benzo(b)fluoranthene	22.71	252	721	0.21	ng	# 24
35) Benzo(a)pyrene	23.30	252	481	0.24	ng	# 10
36) Dibenzo(a,h)anthracene	25.80	278	142	0.29	ng	# 1

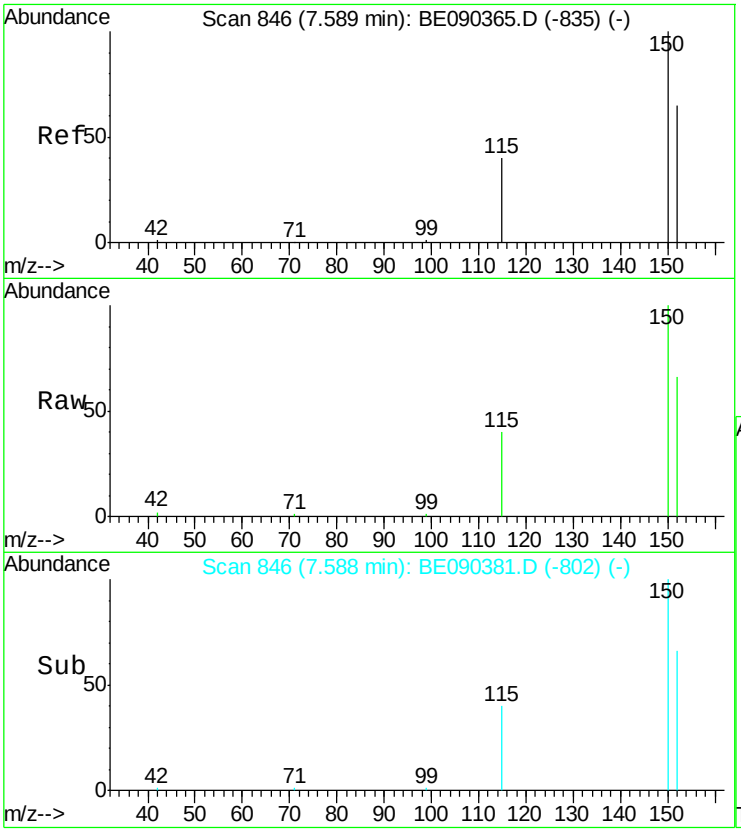
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090381.D
Acq On : 6 Aug 2015 8:31
Operator : TP/UM
Sample : G3180-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Quant Time: Aug 06 11:18:16 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 02:22:05 2015
Response via : Initial Calibration



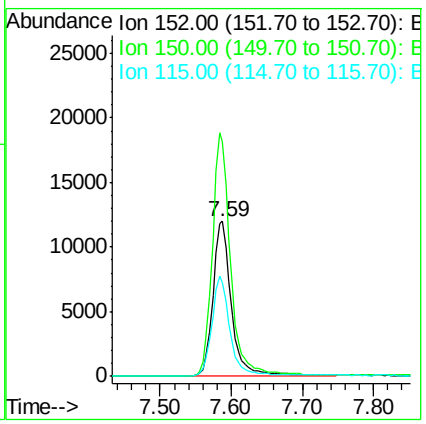


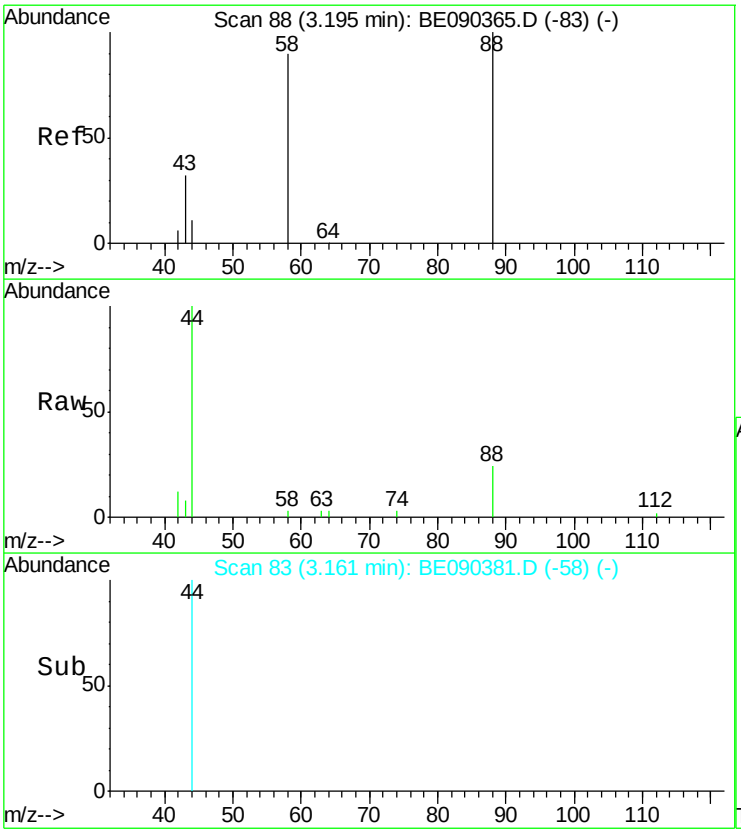
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:152 Resp: 21325

Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.0	184.4
115	60.4	48.9	73.3

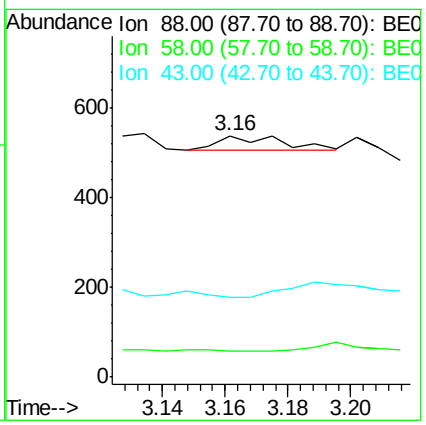


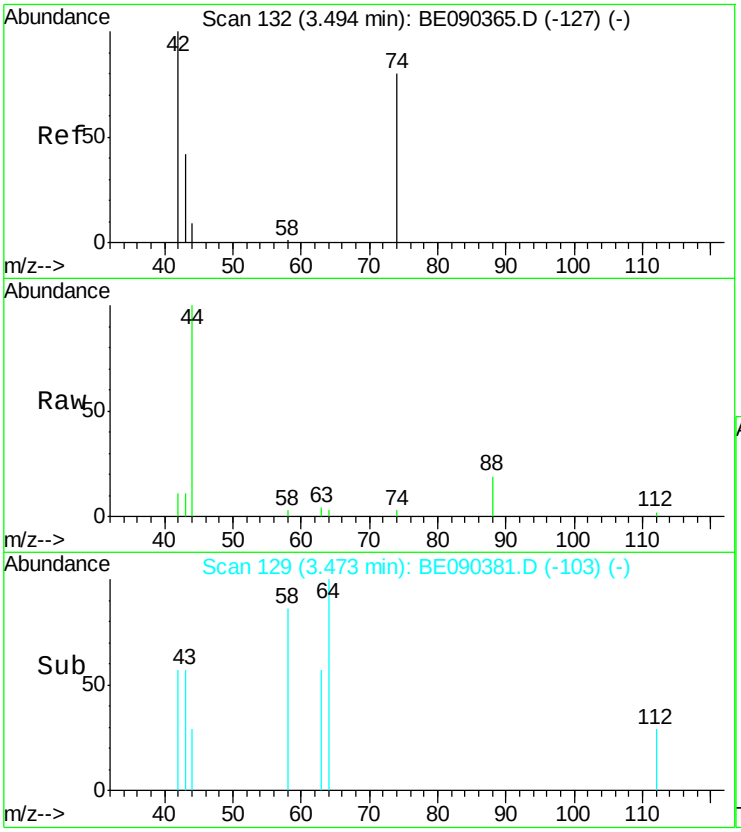


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. -0.03 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion: 88 Resp: 47

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.0	105.0#
43	0.0	28.4	42.6#



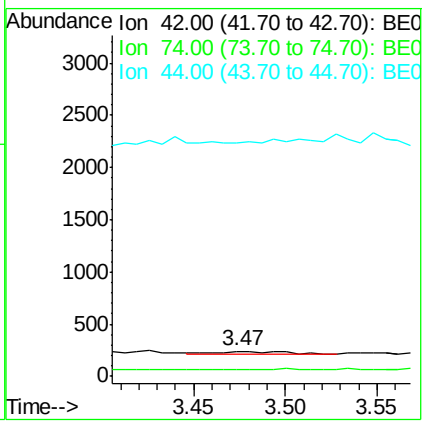


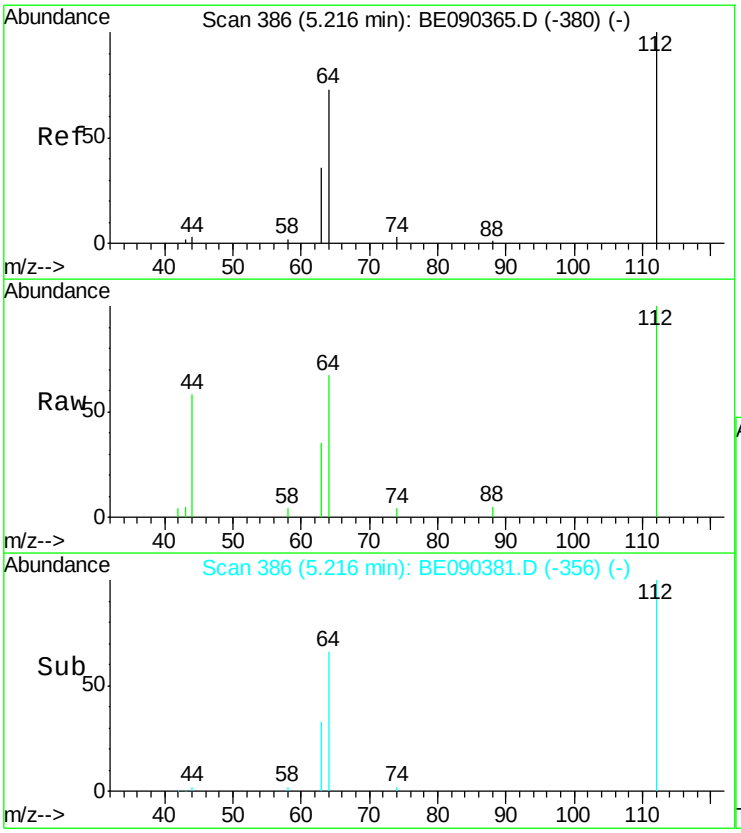
#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.47 min Scan# 129
Delta R.T. -0.02 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion: 42 Resp: 84

Ion	Ratio	Lower	Upper
42	100		
74	0.0	75.2	112.8#
44	0.0	8.7	13.1#

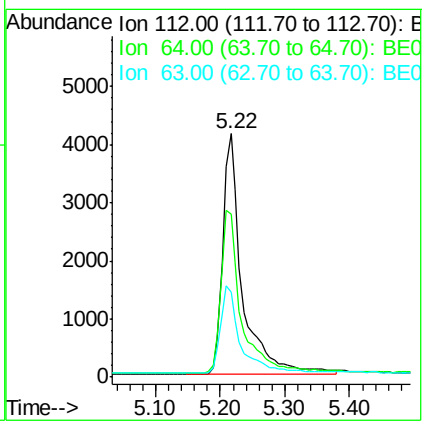


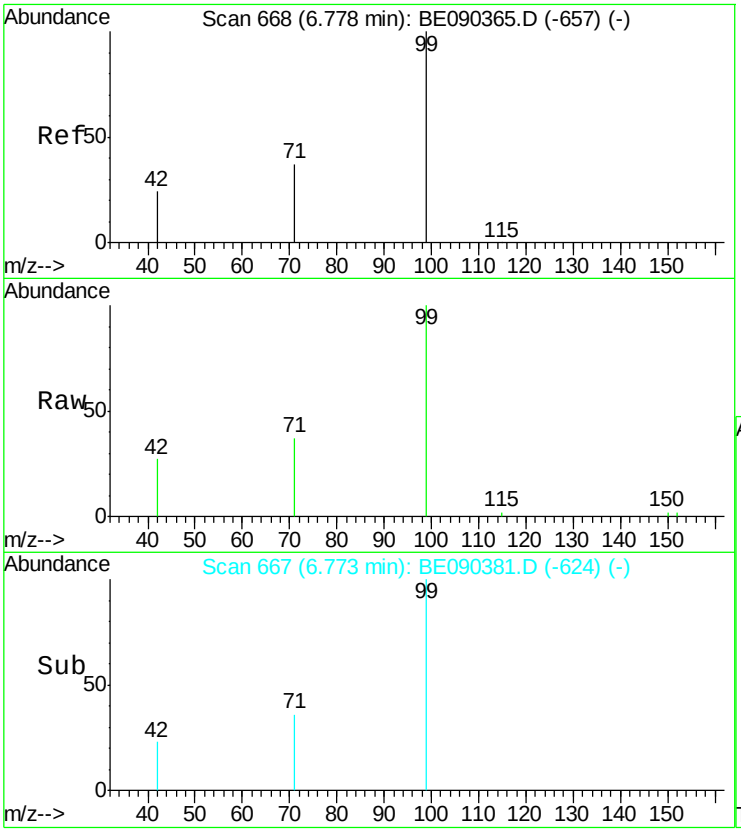


#4
2-Fluorophenol
Concen: 2.37 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:112 Resp: 8762

Ion	Ratio	Lower	Upper
112	100		
64	71.3	37.1	55.7#
63	37.9	19.5	29.3#



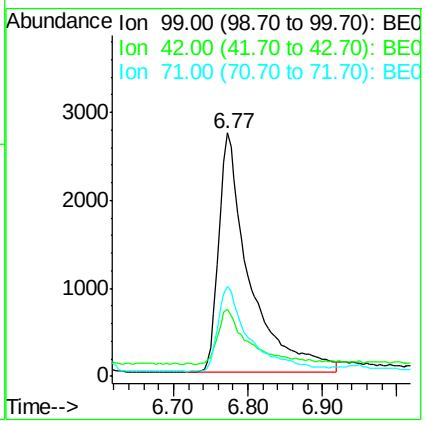


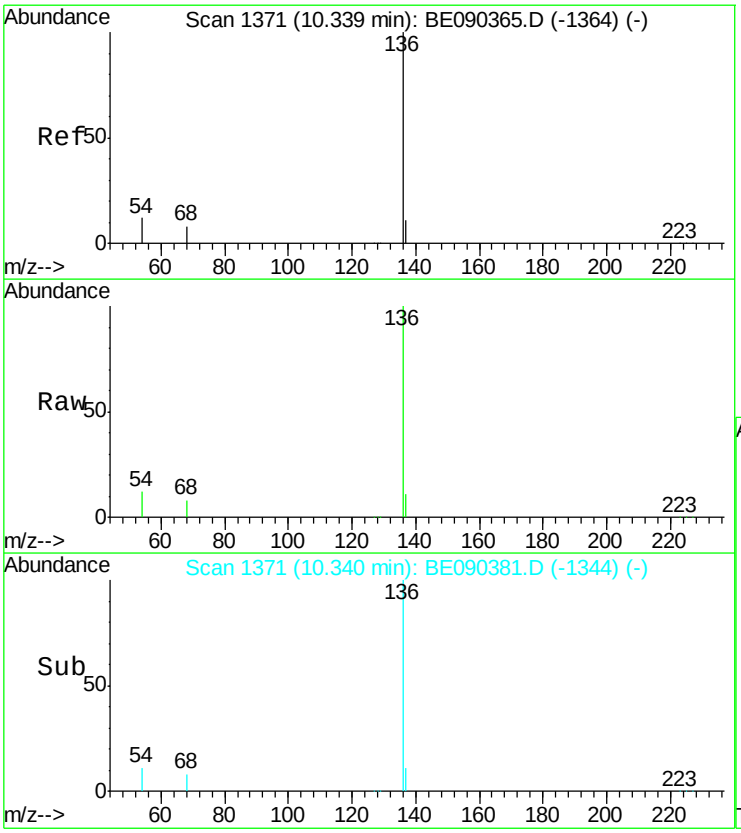
#5
Phenol-d6
Concen: 1.34 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion: 99 Resp: 7812

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.2	27.4
71	37.0	27.4	41.0

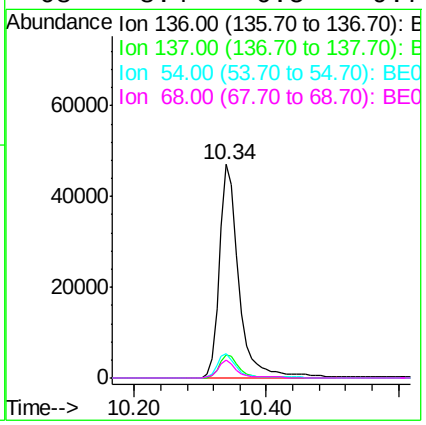


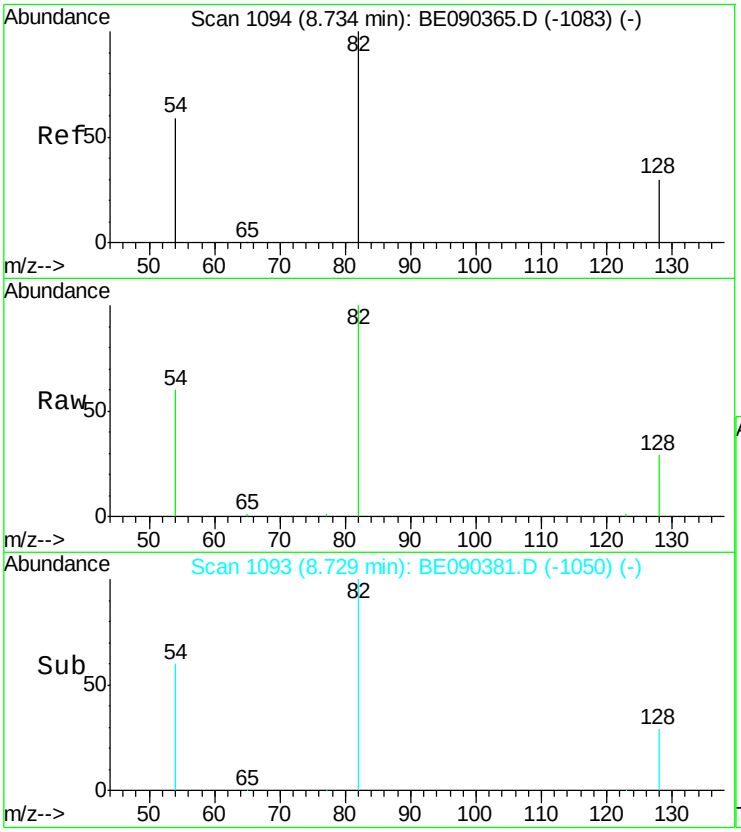


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:136 Resp: 96329

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.6	9.4	14.0
68	8.4	6.5	9.7



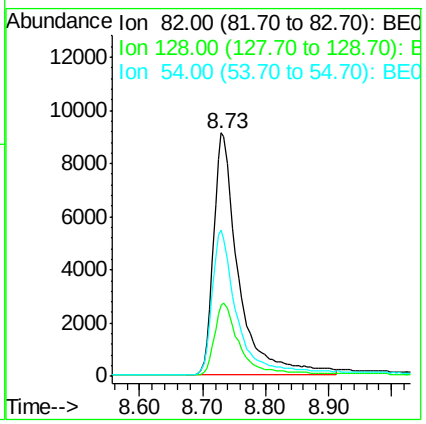


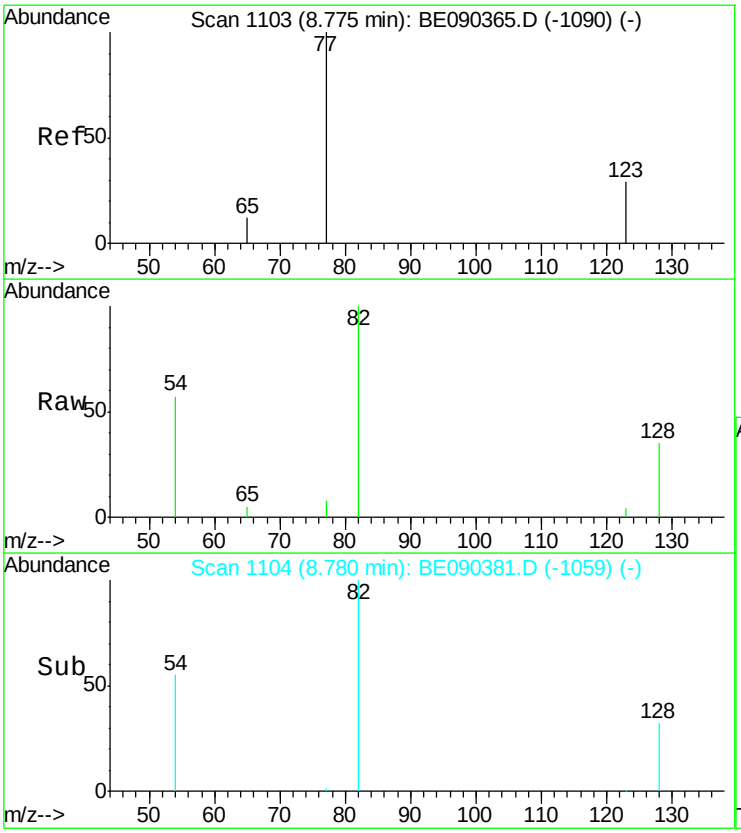
#7
Nitrobenzene-d5
Concen: 3.27 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion: 82 Resp: 25087

Ion	Ratio	Lower	Upper
82	100		
128	29.3	25.0	37.6
54	60.0	48.8	73.2

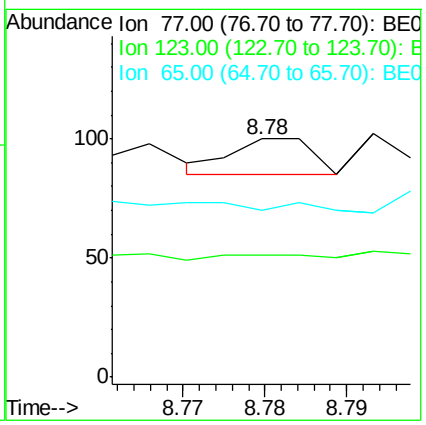


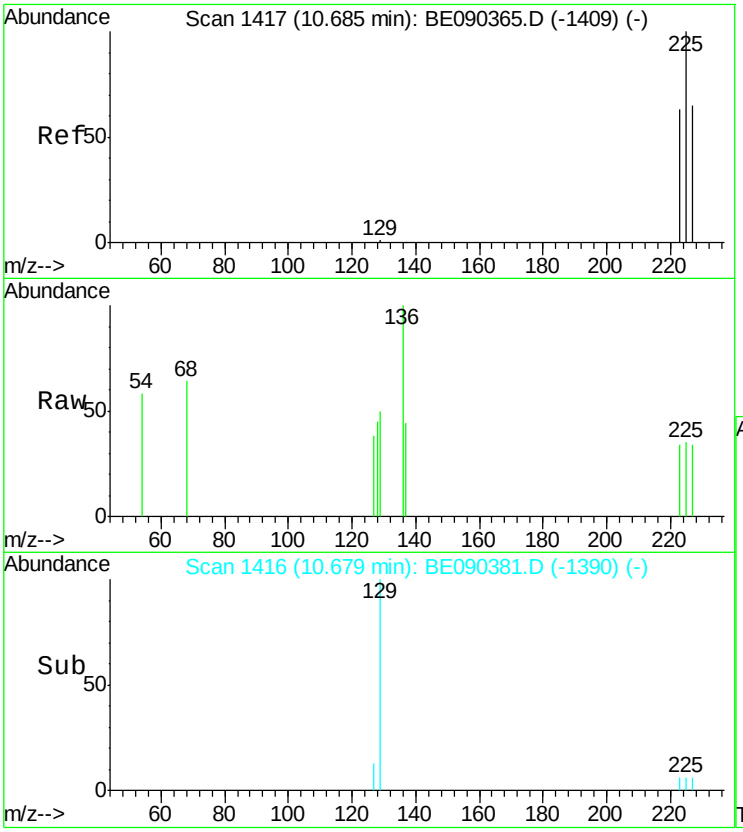


#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.78 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion: 77 Resp: 10

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



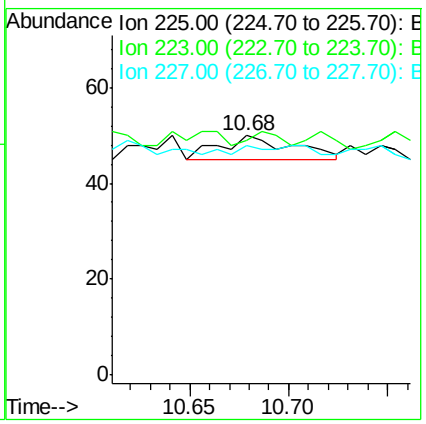


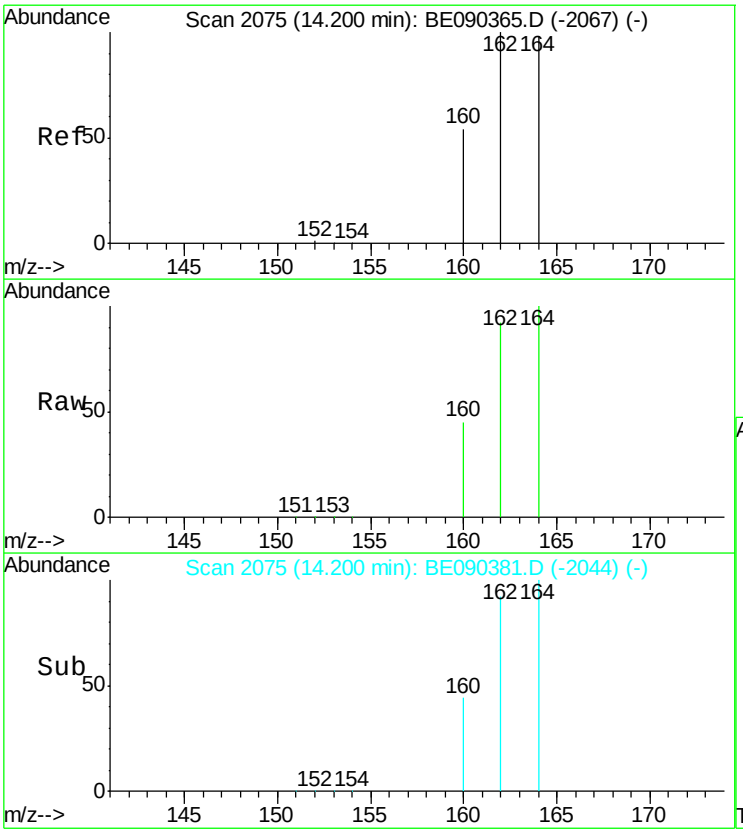
#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:225 Resp: 13

Ion	Ratio	Lower	Upper
225	100		
223	23.1	50.6	75.8#
227	30.8	50.7	76.1#

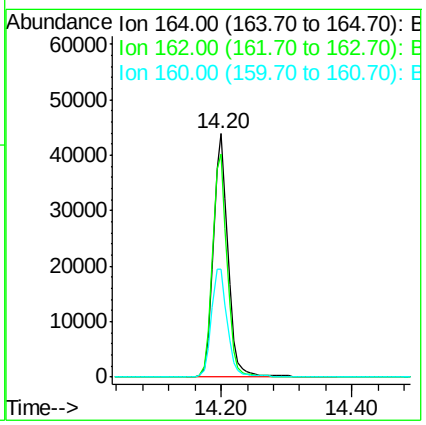


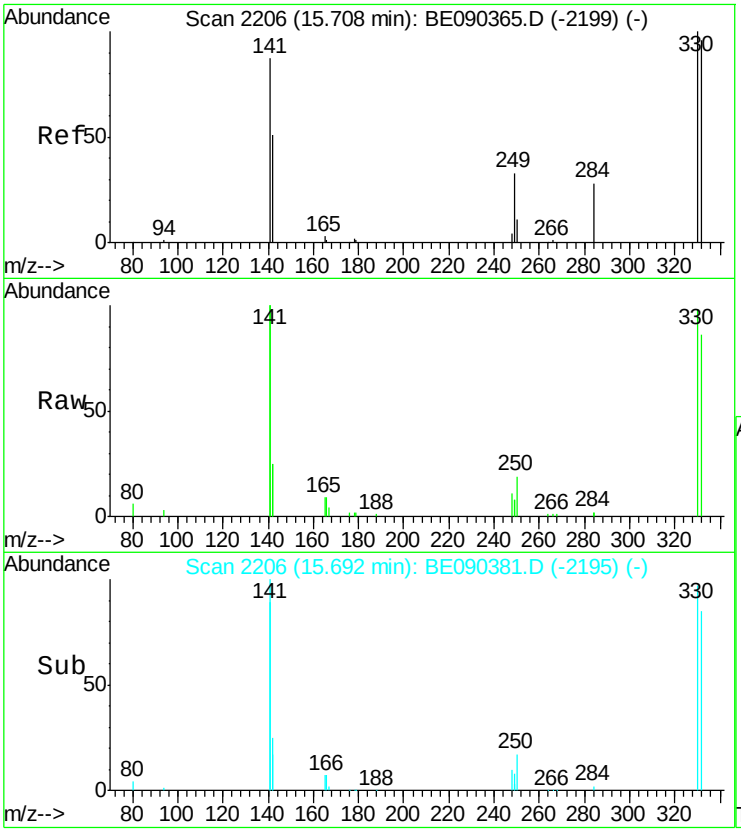


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:164 Resp: 67625

Ion	Ratio	Lower	Upper
164	100		
162	91.8	81.8	122.8
160	44.5	44.2	66.4



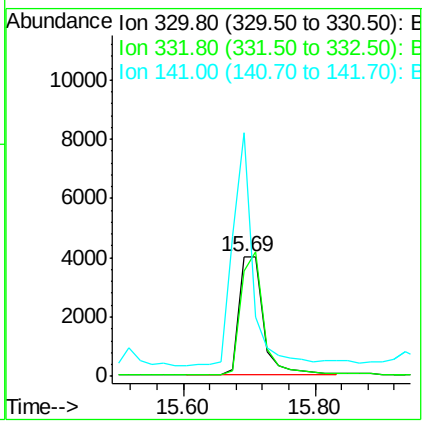


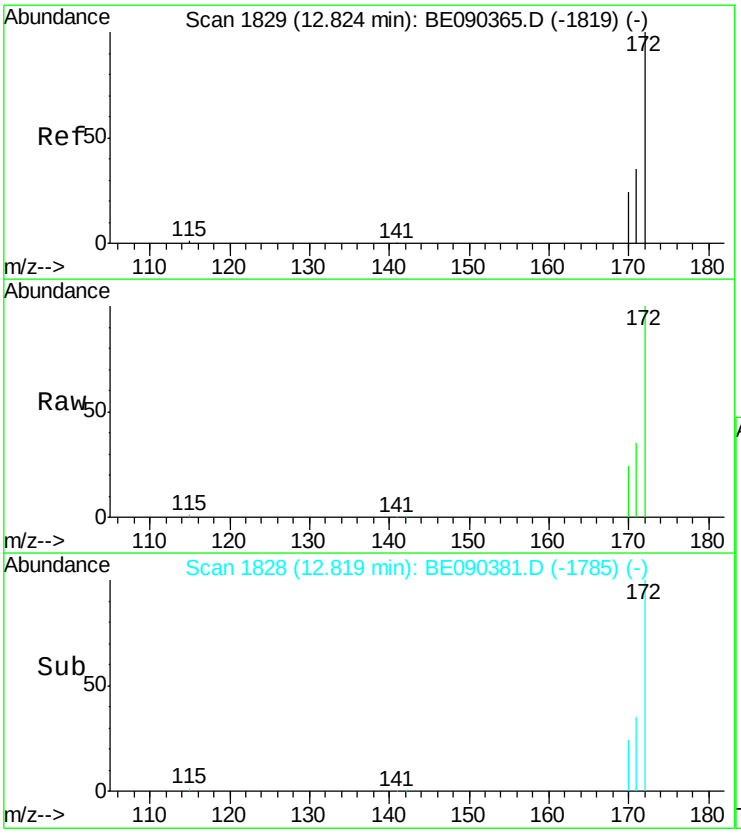
#13
2,4,6-Tribromophenol
Concen: 5.75 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:330 Resp: 10272

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.8	113.6
141	160.7	114.4	171.6

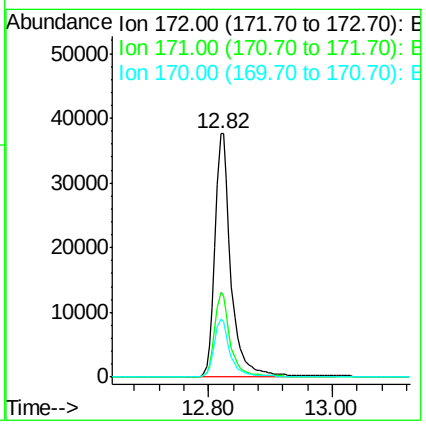


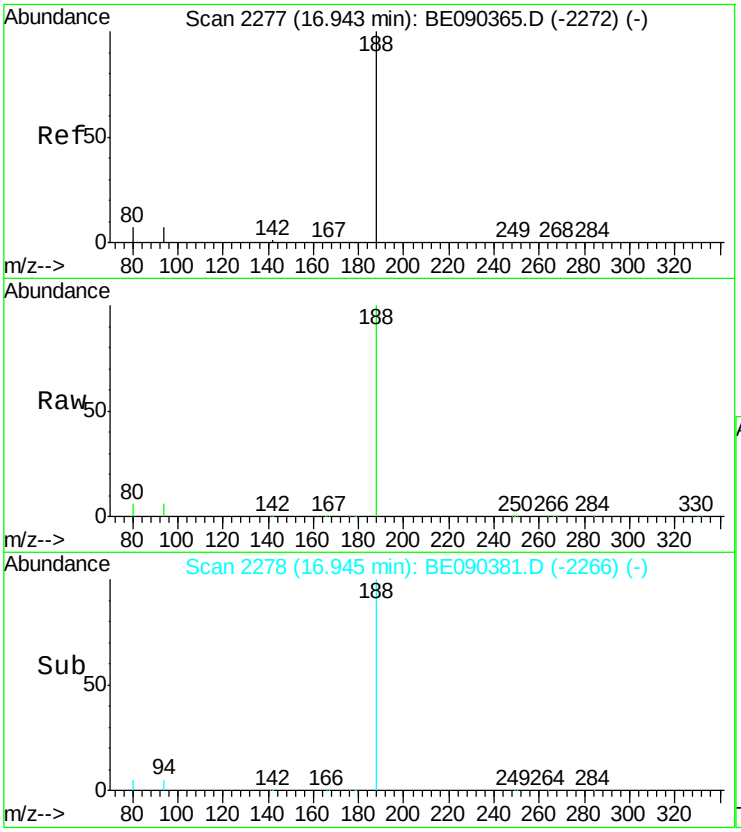


#14
2-Fluorobiphenyl
Concen: 3.66 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:172 Resp: 68071

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.7	19.8	29.8



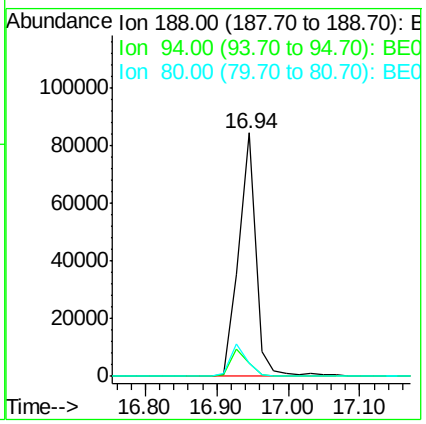


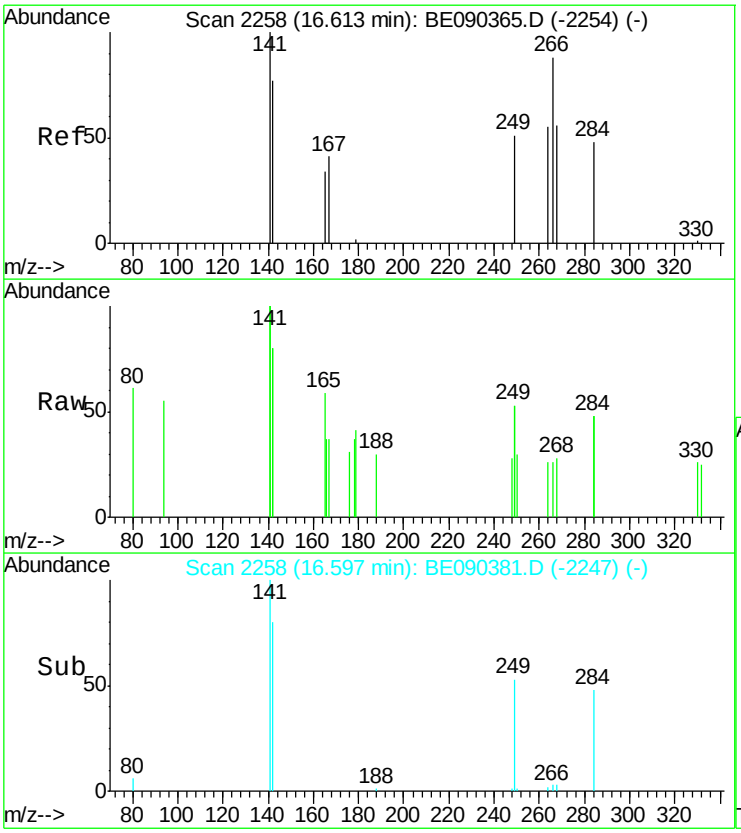
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:188 Resp: 139867

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	5.6	5.8	8.8#

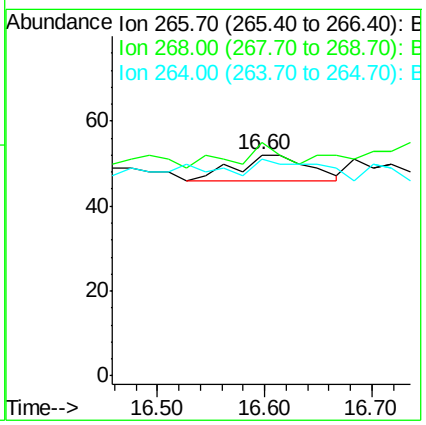


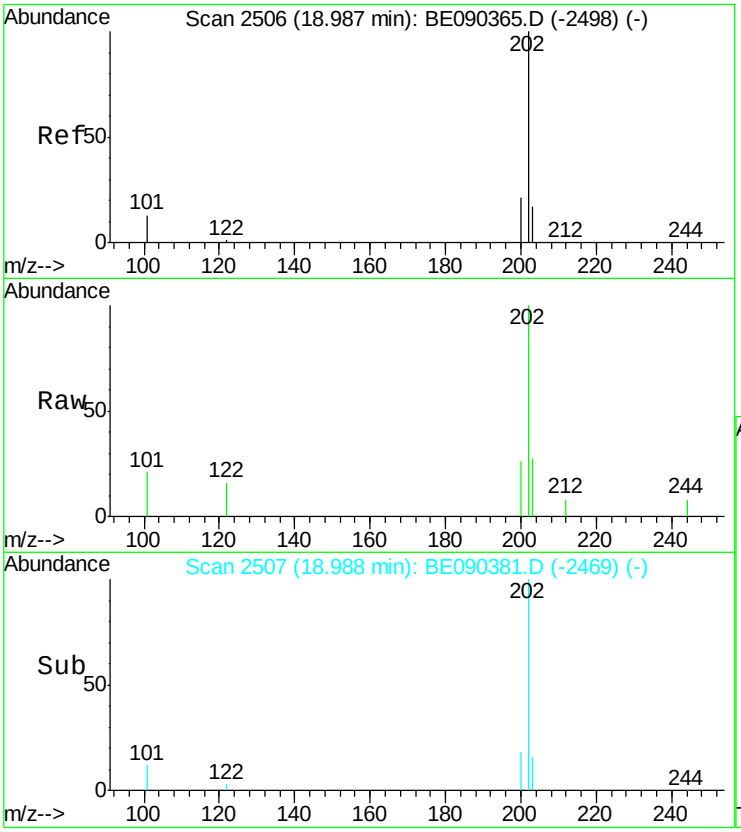


#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	105.8	58.5	87.7#
264	98.1	56.0	84.0#



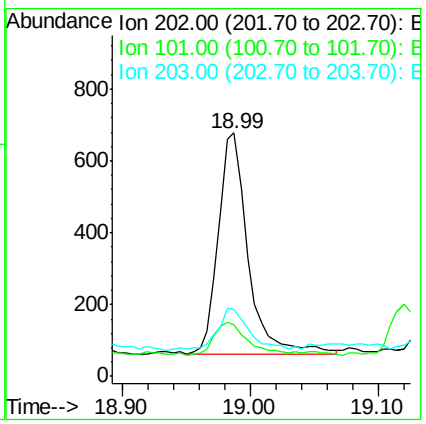


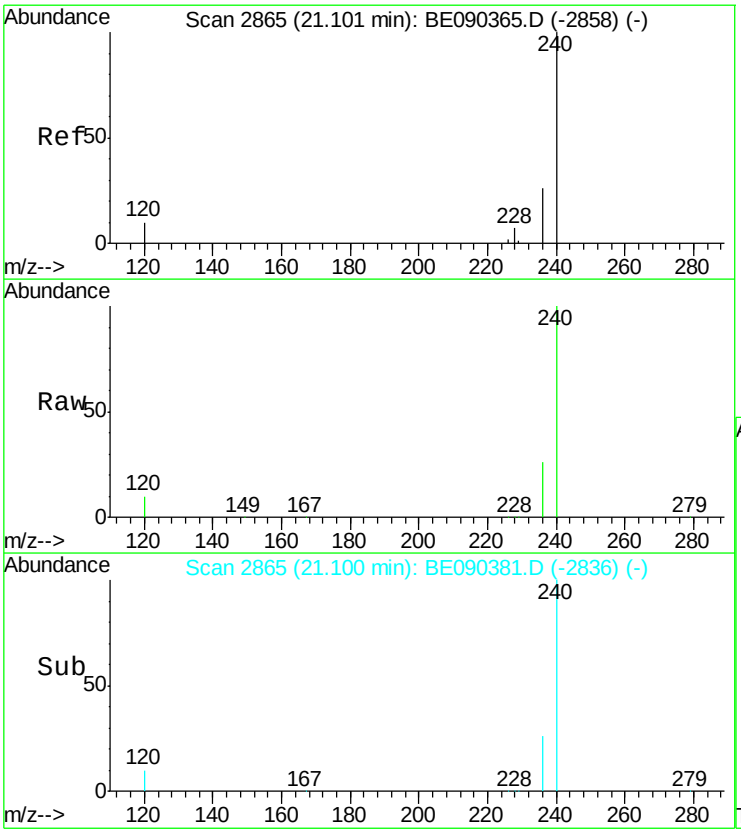
#24
Fluoranthene
Concen: 0.03 ng
RT: 18.99 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:202 Resp: 986

Ion	Ratio	Lower	Upper
202	100		
101	16.3	10.3	15.5#
203	20.5	13.7	20.5

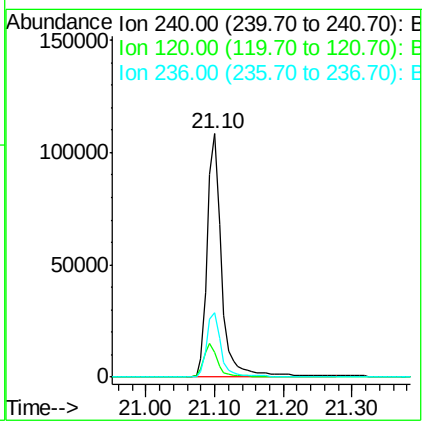


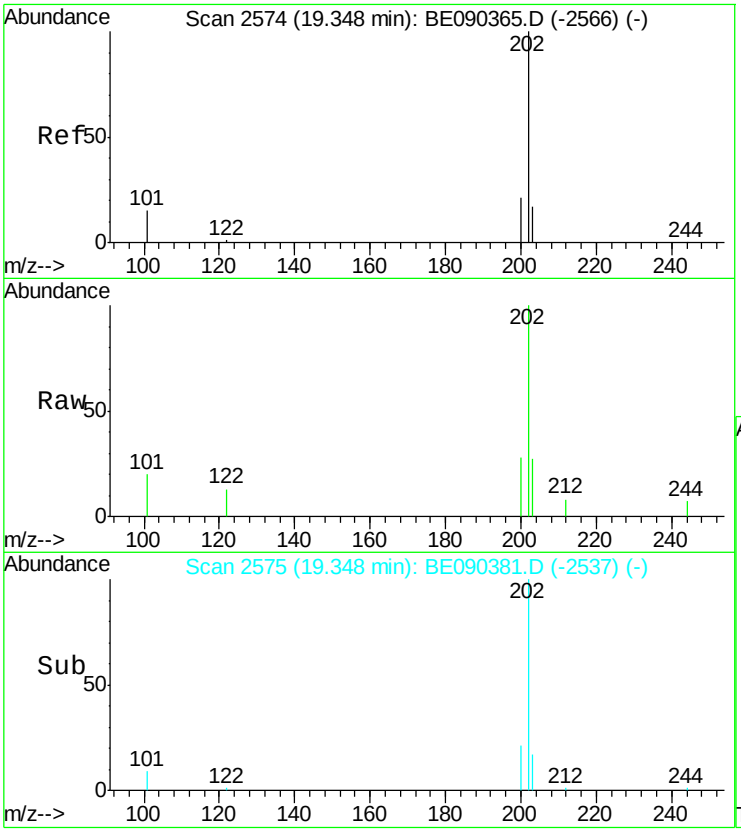


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:240 Resp: 159206

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.4	21.0	31.4



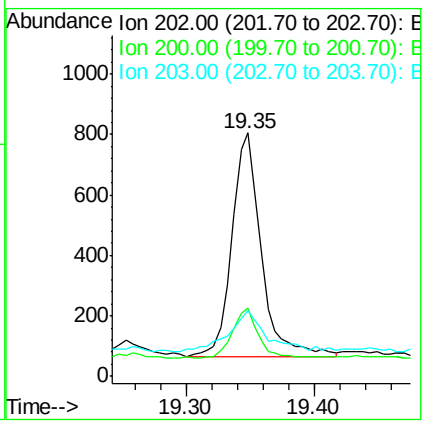


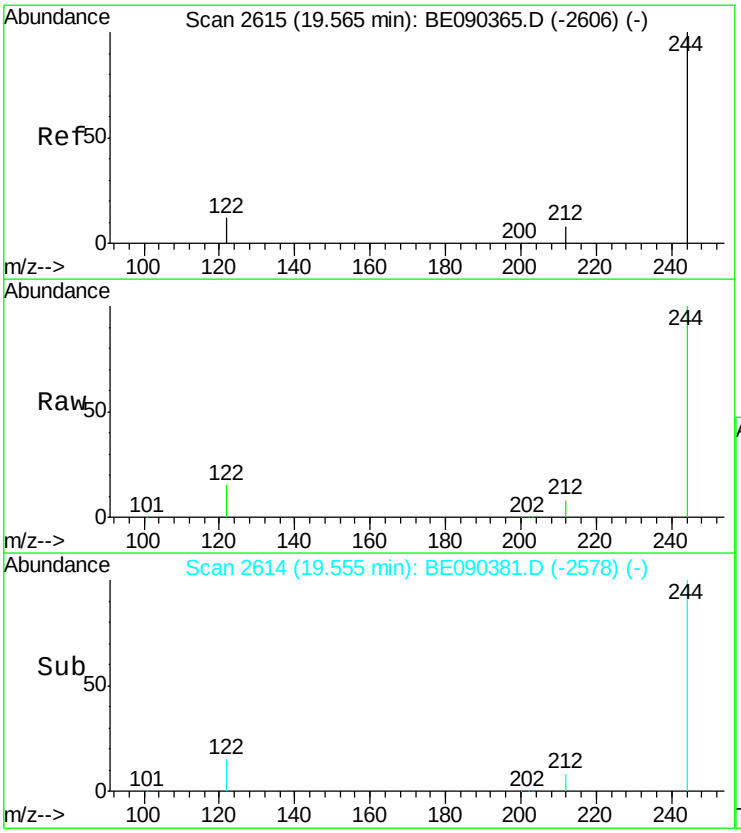
#26
Pyrene
Concen: 0.03 ng
RT: 19.35 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:202 Resp: 1163

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.7	25.1
203	23.3	13.8	20.8#

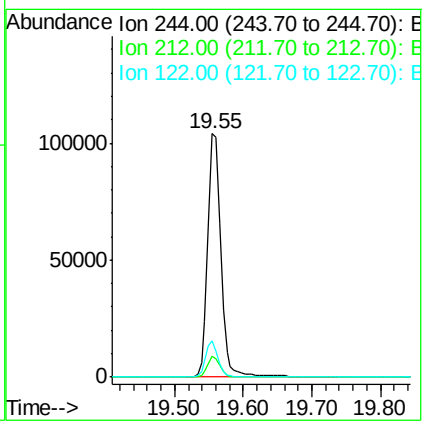


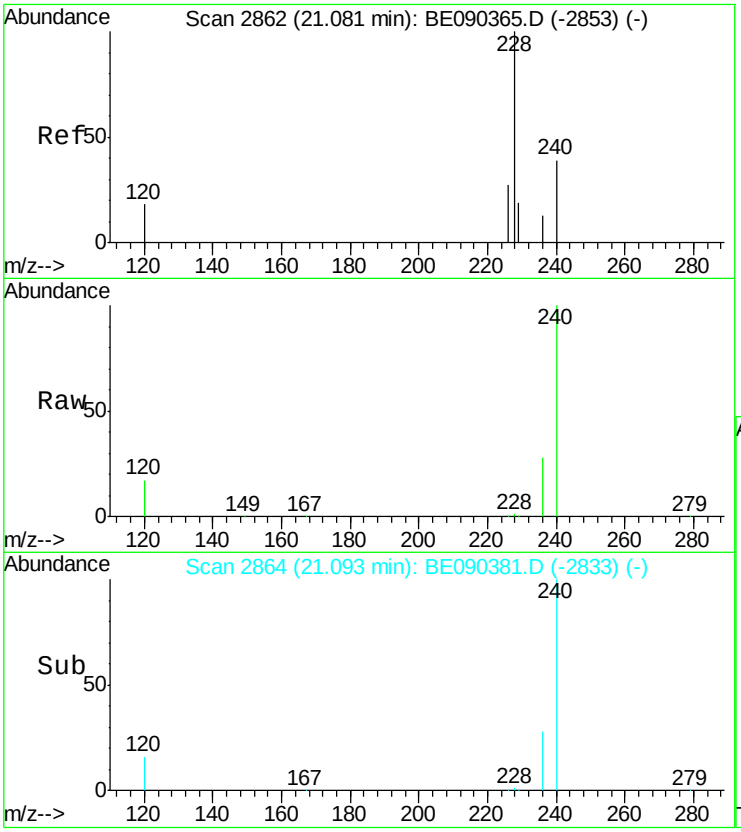


#27
Terphenyl-d14
Concen: 5.86 ng
RT: 19.55 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:244 Resp: 137338

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	14.9	10.2	15.4



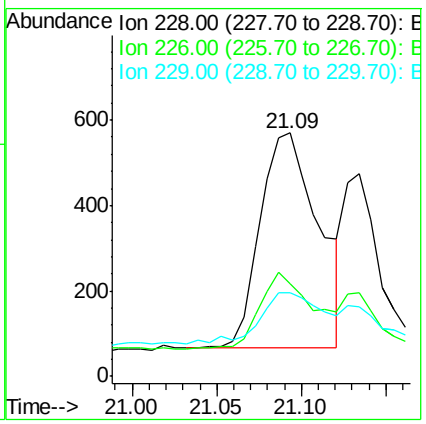


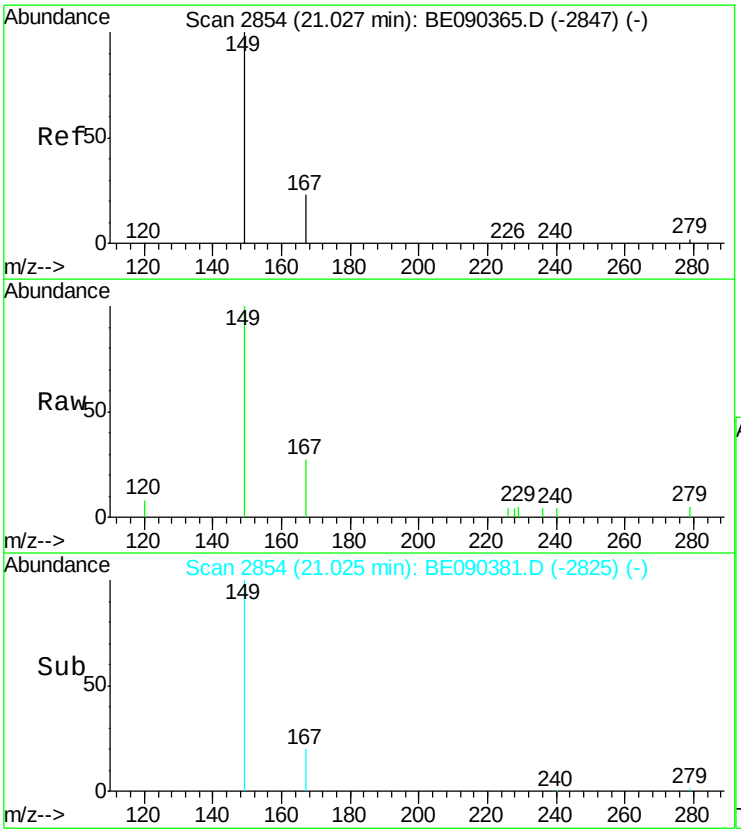
#28
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:228 Resp: 1205

Ion	Ratio	Lower	Upper
228	100		
226	38.1	21.9	32.9#
229	34.2	15.4	23.0#

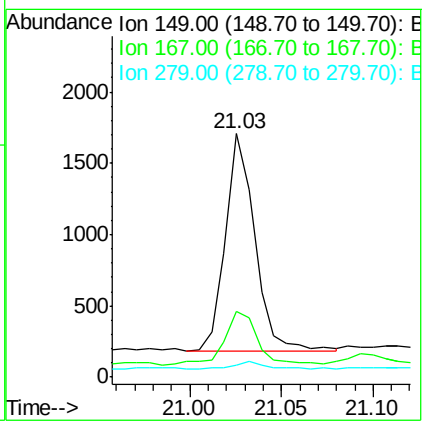


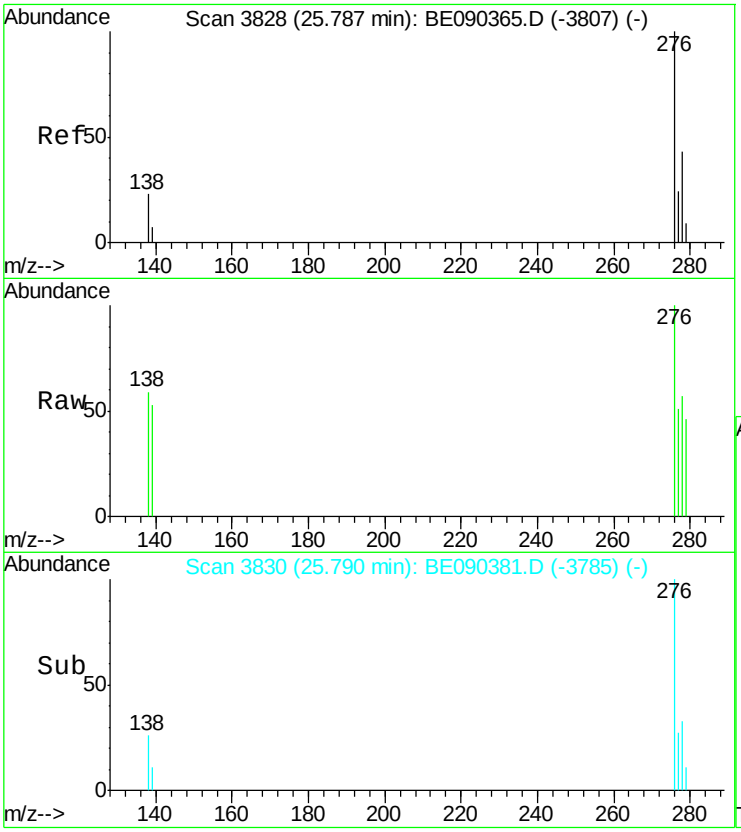


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:149 Resp: 1710

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.8	29.8
279	3.3	2.4	3.6



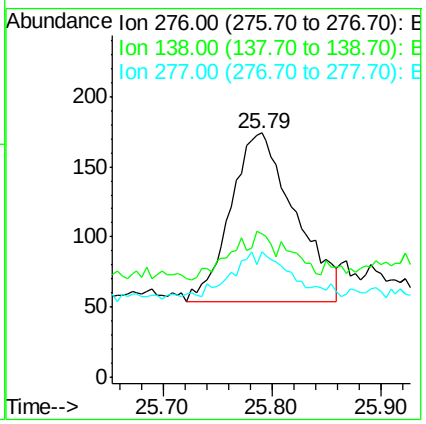


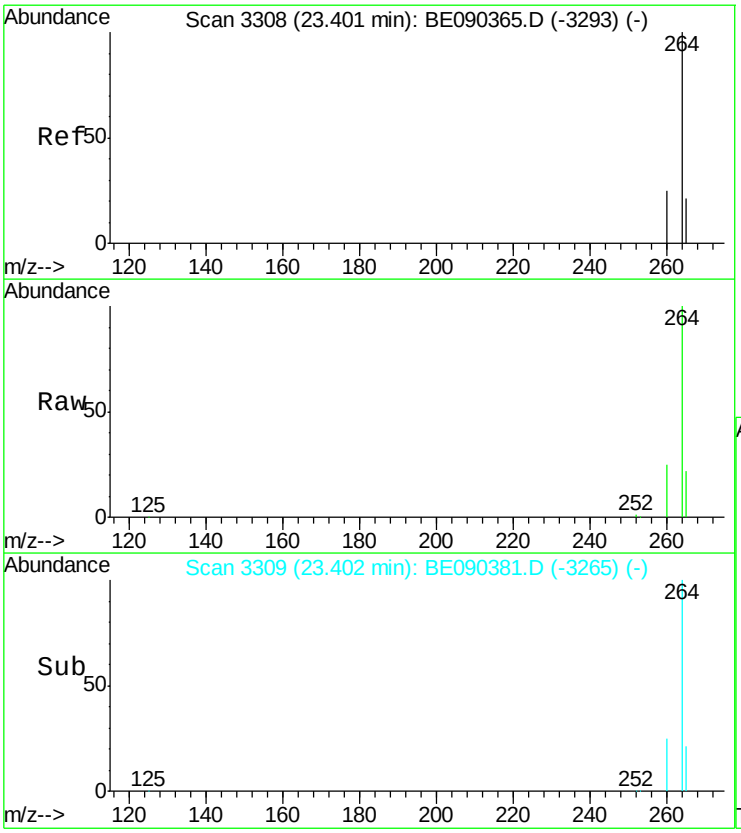
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng
RT: 25.79 min Scan# 3830
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:276 Resp: 491

Ion	Ratio	Lower	Upper
276	100		
138	3.9	18.8	28.2#
277	10.4	18.2	27.4#

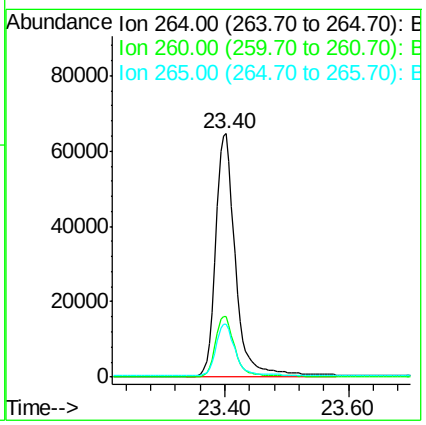


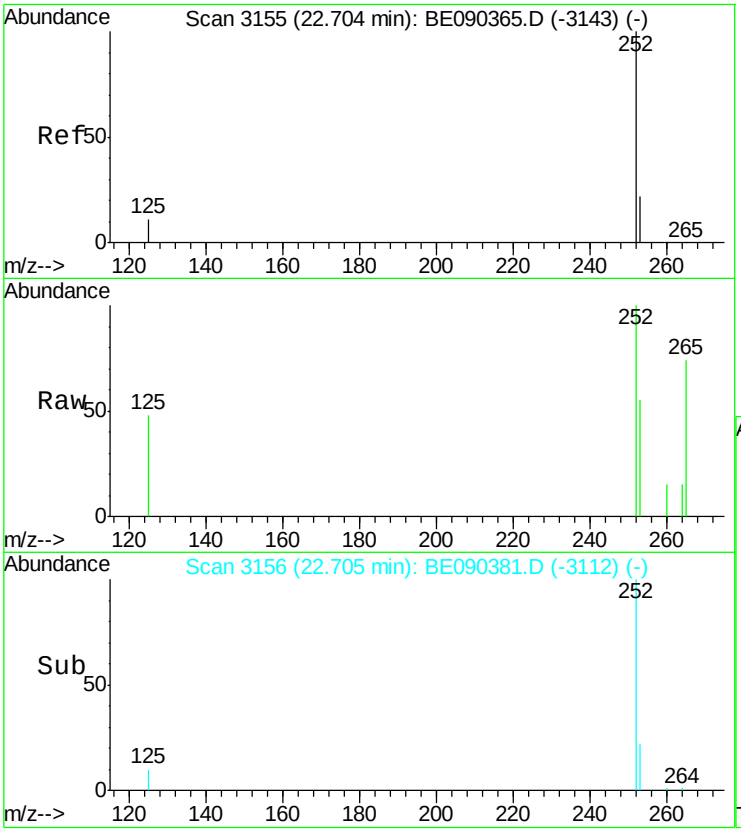


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3309
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:264 Resp: 144855

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	17.2	25.8



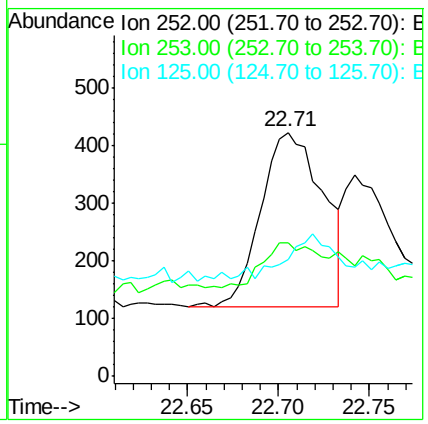


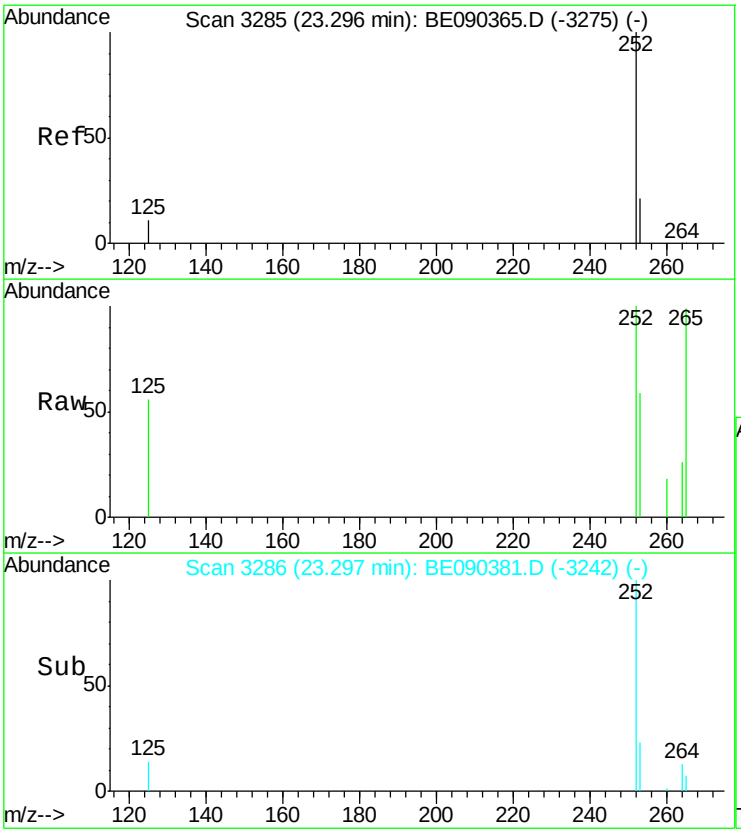
#33
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 22.71 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:252 Resp: 721

Ion	Ratio	Lower	Upper
252	100		
253	54.8	18.1	27.1#
125	48.0	9.4	14.2#

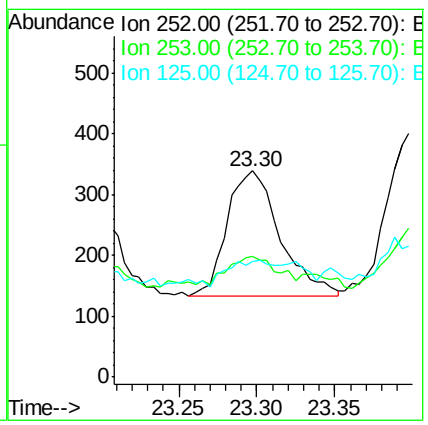


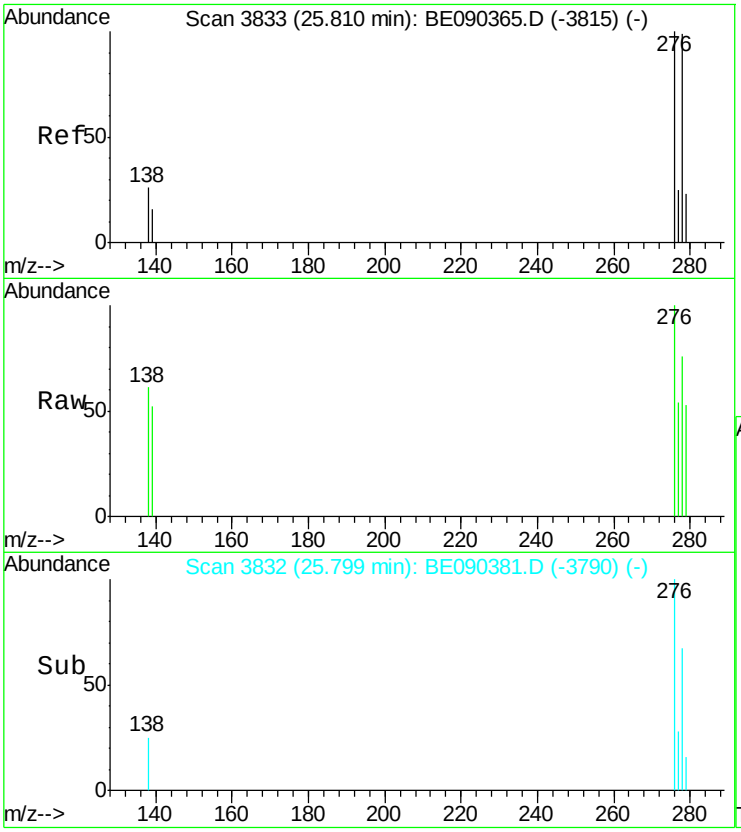


#35
Benzo(a)pyrene
Concen: 0.24 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Tgt Ion:252 Resp: 481

Ion	Ratio	Lower	Upper
252	100		
253	58.7	17.6	26.4#
125	56.0	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090381.D
Acq: 6 Aug 2015 8:31

Instrument :
BNA_E
ClientSampleId :
080415-D506-E-D-B

Tgt Ion:278 Resp: 142

Ion	Ratio	Lower	Upper
278	100		
139	68.1	14.2	21.4#
279	69.7	20.1	30.1#