Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
Data File : BE090407.D
Acq On : 10 Aug 2015 18:23
Operator : TP/UM
Sample : G3133-01RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SUMP-3RE

Quant Time: Aug 11 03:17:00 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	172610	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	760254	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	449519	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	919242	5.00	ng		0.00
25) Chrysene-d12	21.10	240	1049510	5.00	ng		0.00
32) Perylene-d12	23.41	264	1052476	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	120478	4.65	ng		0.00
5) Phenol-d6	6.77	99	150360	2.84	ng		0.00
7) Nitrobenzene-d5	8.72	82	195860	3.24	ng		-0.01
13) 2,4,6-Tribromophenol	15.71	330	127435	8.83	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	389214	3.15	ng		0.00
27) Terphenyl-d14	19.56	244	687739	4.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	474	Below Cal		#	1
3) n-Nitrosodimethylamine	3.49	42	1242	0.05	ng	#	97
8) Nitrobenzene	8.75	77	2634	0.25	ng	#	16
10) Hexachlorobutadiene	10.68	225	31	Below Cal		#	45
16) Acenaphthene	14.20	154	2818	0.02	ng		71
17) Fluorene	15.26	166	3691	0.03	ng	#	39
21) Pentachlorophenol	16.61	266	623	0.20	ng		89
22) Phenanthrene	16.98	178	8973	0.04	ng	#	1
23) Anthracene	17.05	178	7181	0.04	ng	#	1
24) Fluoranthene	18.98	202	6246	0.03	ng	#	84
26) Pyrene	19.35	202	40336	0.18	ng	#	94
28) Benzo(a)anthracene	21.10	228	5872	0.03	ng	#	75
29) Chrysene	21.10	228	5816	0.02	ng	#	75
30) Bis(2-ethylhexyl)phthalate	21.03	149	165192	2.48	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	1078	0.26	ng	#	77
33) Benzo(b)fluoranthene	22.70	252	1515	0.20	ng	#	1
35) Benzo(a)pyrene	23.30	252	887	0.23	ng	#	1
36) Dibenzo(a,h)anthracene	25.80	278	737	0.29	ng	#	1

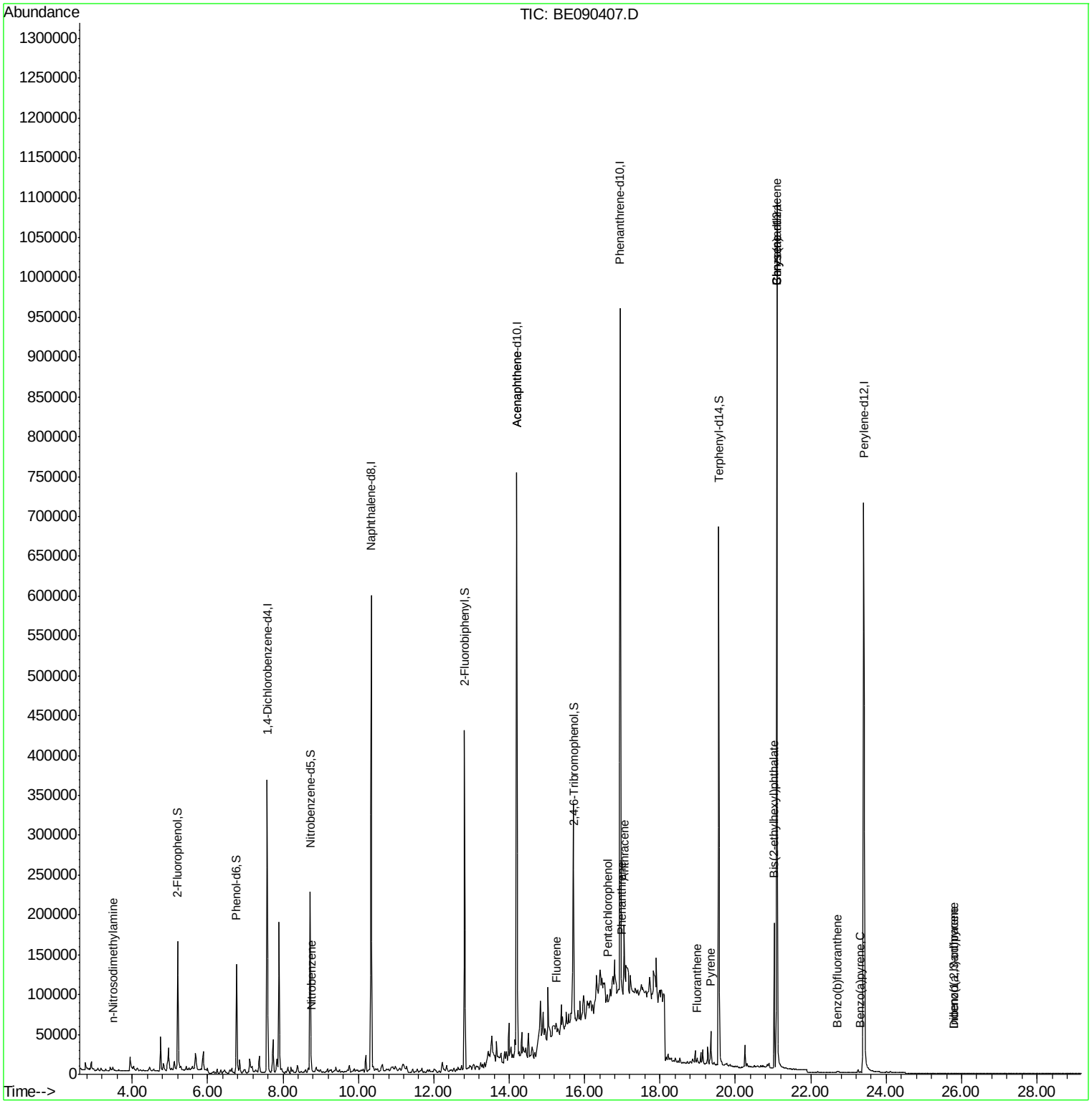
(#) = qualifier out of range (m) = manual integration (+) = signals summed

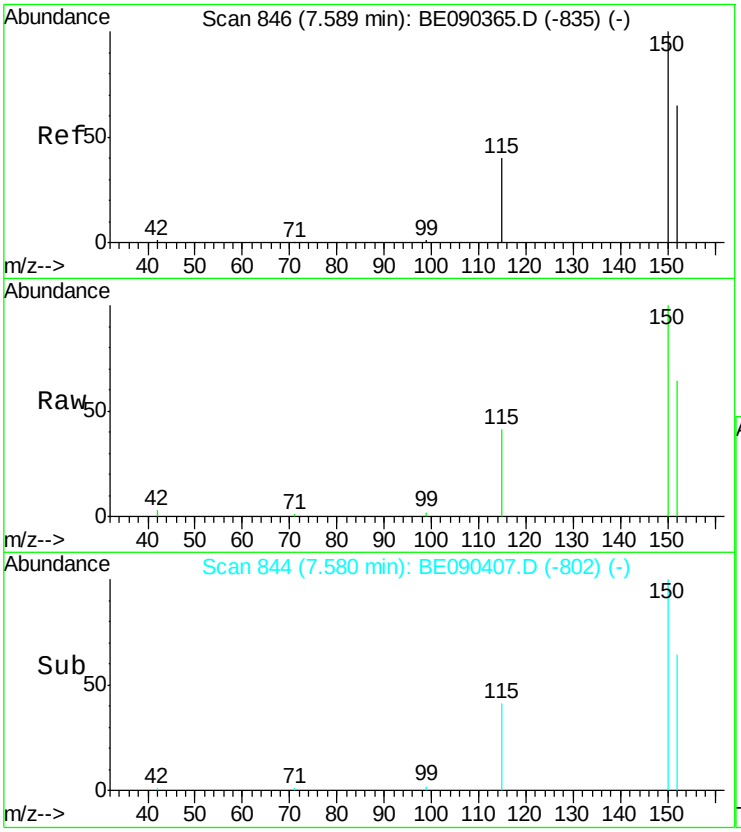
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
Data File : BE090407.D
Acq On : 10 Aug 2015 18:23
Operator : TP/UM
Sample : G3133-01RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Quant Time: Aug 11 03:17:00 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



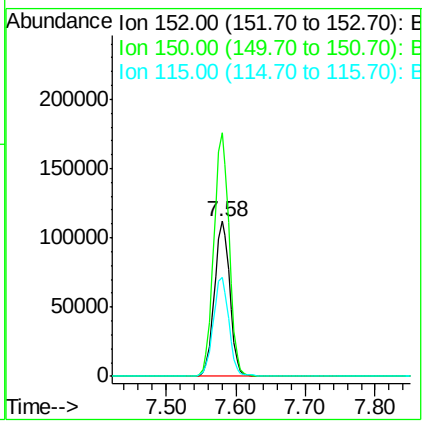


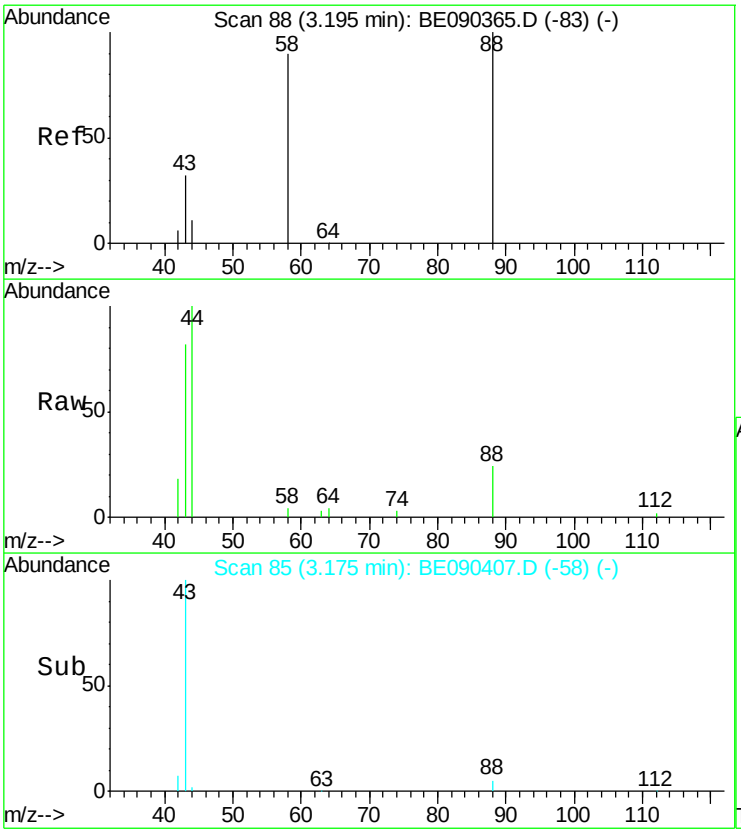
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:152 Resp: 172610

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.4
115	64.1	48.9	73.3

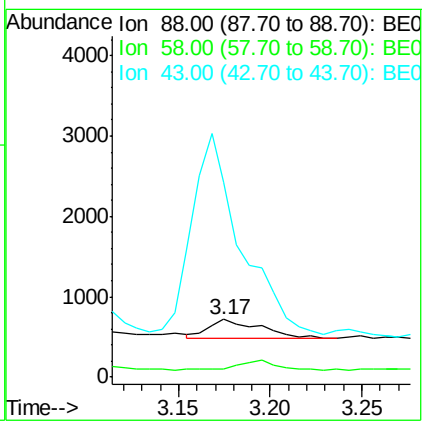


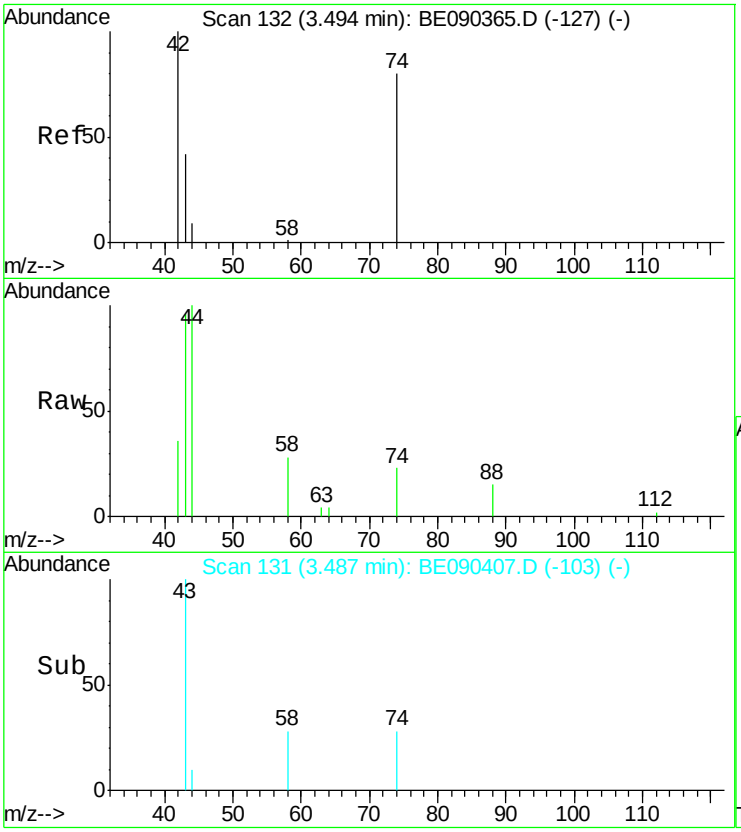


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.17 min Scan# 85
Delta R.T. -0.02 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion: 88 Resp: 474

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.0	105.0#
43	973.2	28.4	42.6#



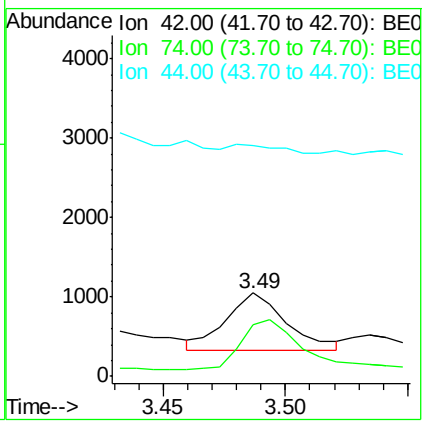


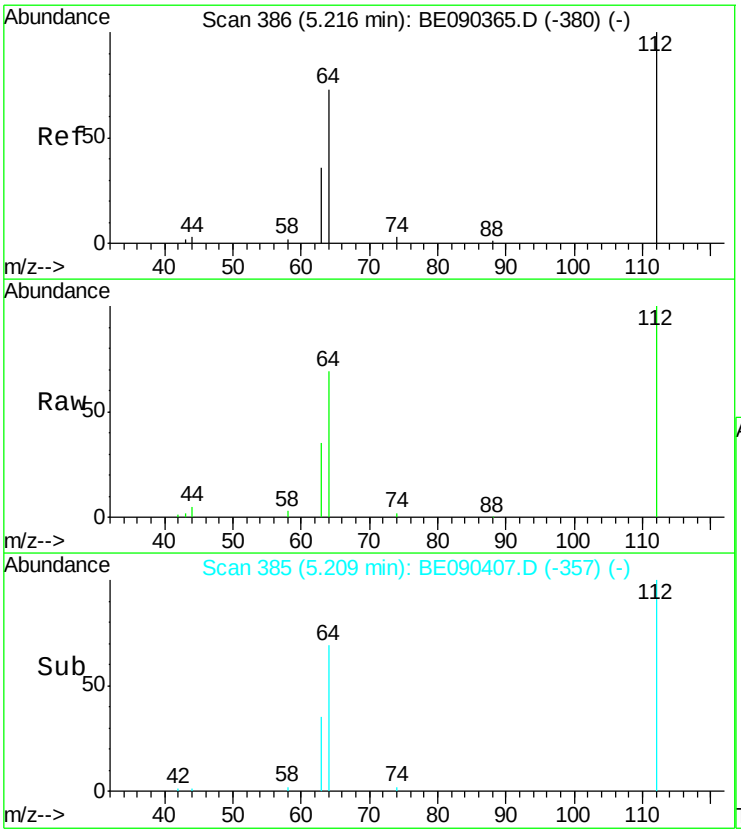
#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion: 42 Resp: 1242

Ion	Ratio	Lower	Upper
42	100		
74	94.0	75.2	112.8
44	0.0	8.7	13.1#

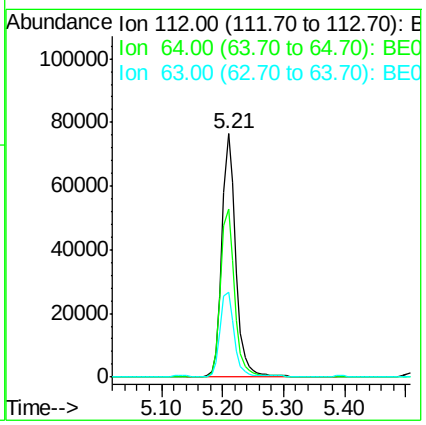


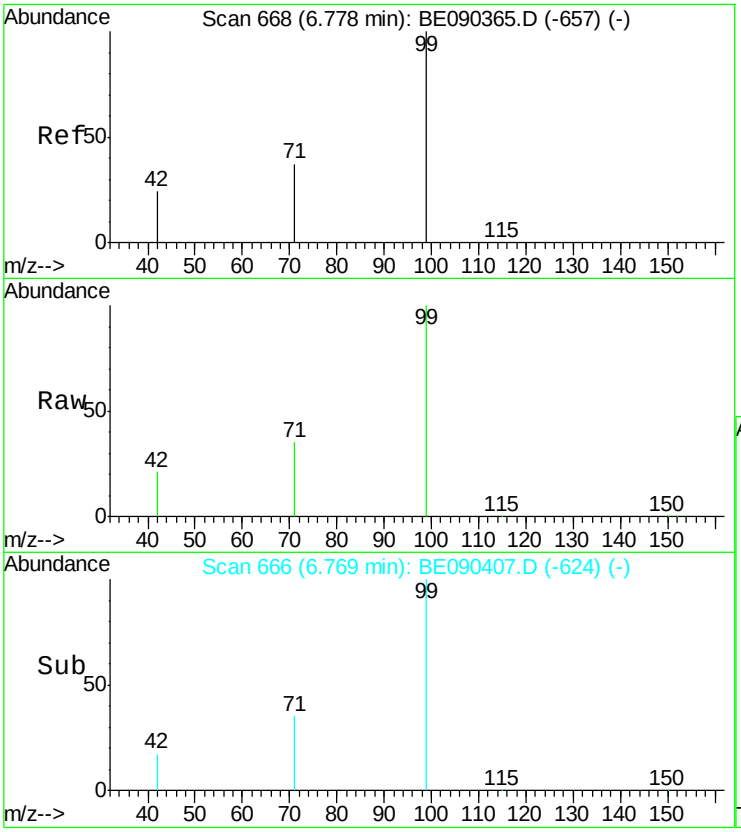


#4
2-Fluorophenol
Concen: 4.65 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:112 Resp: 120478

Ion	Ratio	Lower	Upper
112	100		
64	69.9	37.1	55.7#
63	35.8	19.5	29.3#



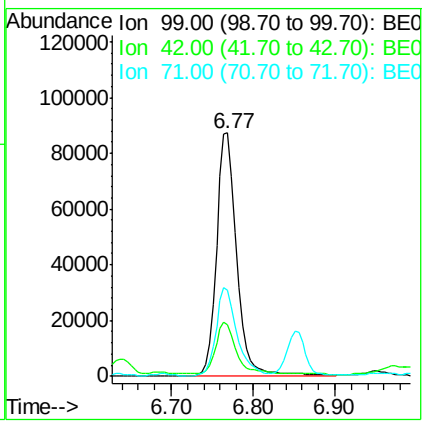


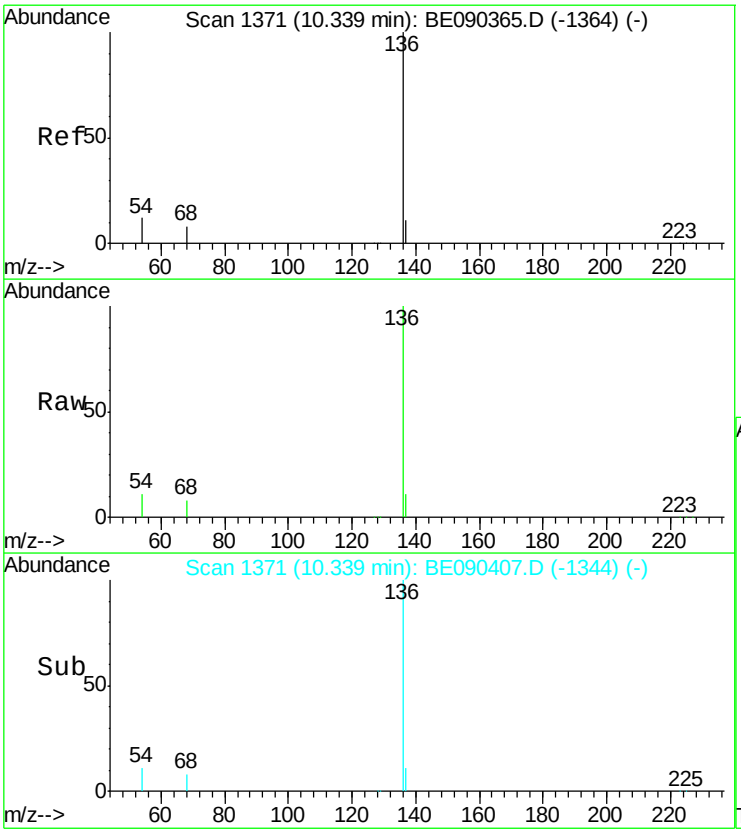
#5
Phenol-d6
Concen: 2.84 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion: 99 Resp: 150360

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.4
71	37.5	27.4	41.0

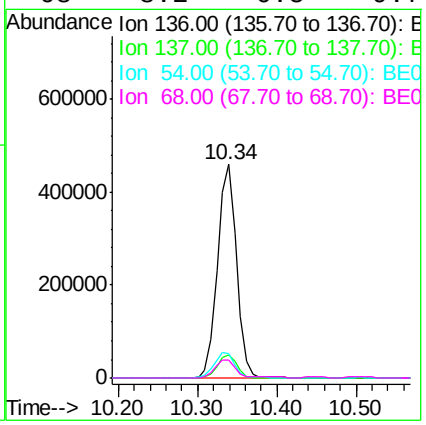


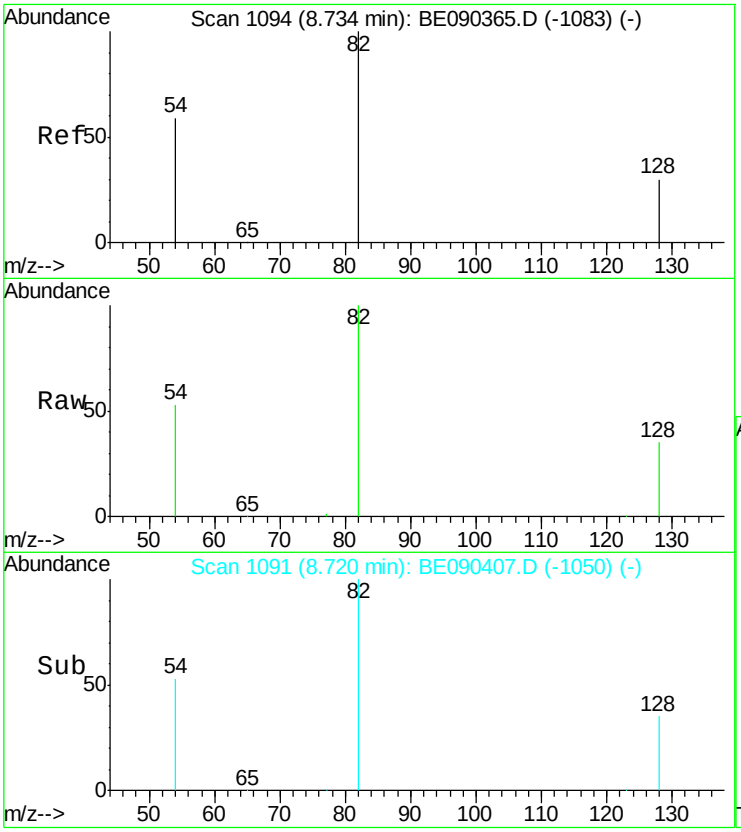


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:136 Resp: 760254

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.2	9.4	14.0
68	8.2	6.5	9.7



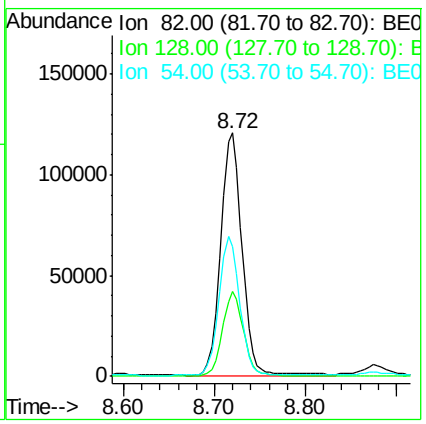


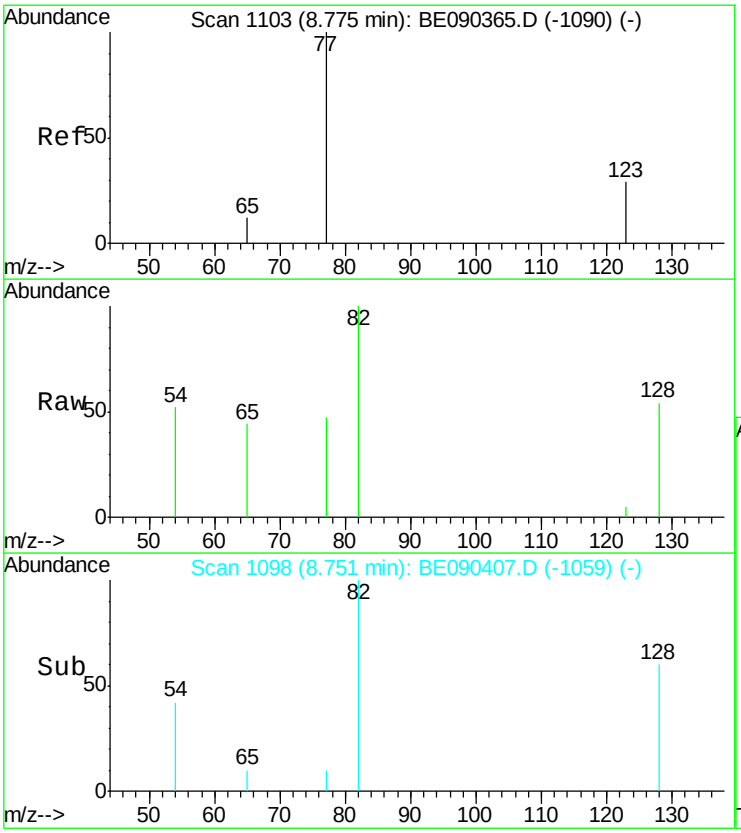
#7
Nitrobenzene-d5
Concen: 3.24 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion: 82 Resp: 195860

Ion	Ratio	Lower	Upper
82	100		
128	35.1	25.0	37.6
54	53.4	48.8	73.2

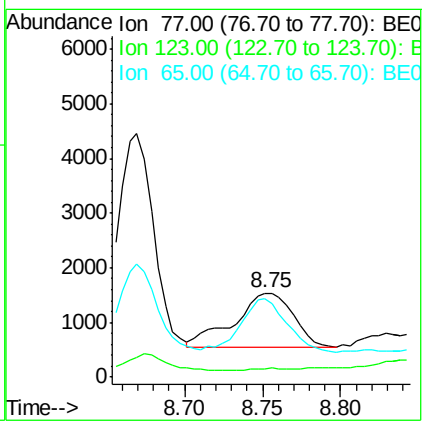


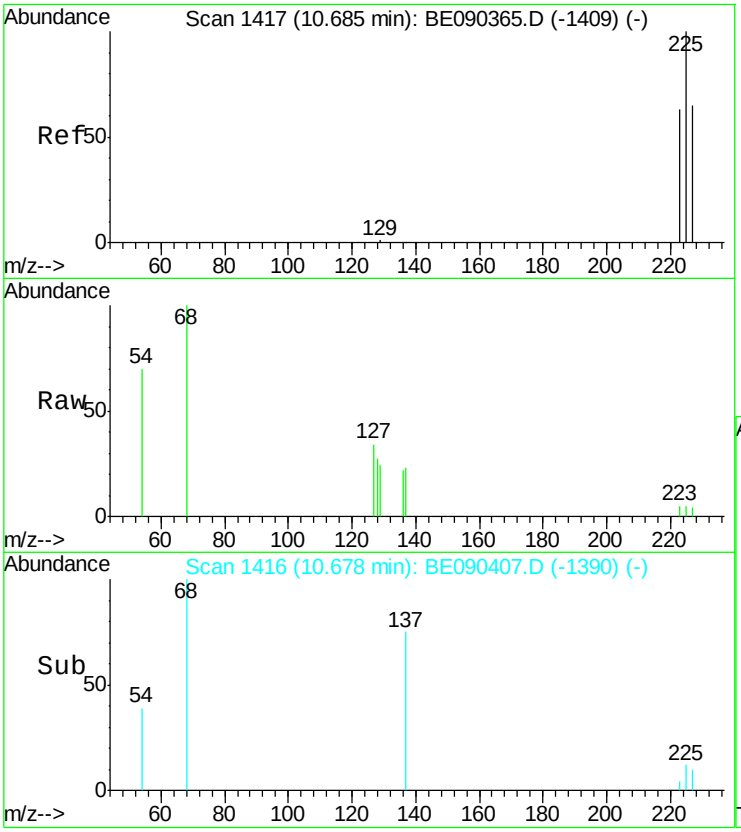


#8
Nitrobenzene
Concen: 0.25 ng
RT: 8.75 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion: 77 Resp: 2634

Ion	Ratio	Lower	Upper
77	100		
123	2.6	25.1	37.7#
65	77.4	9.3	13.9#



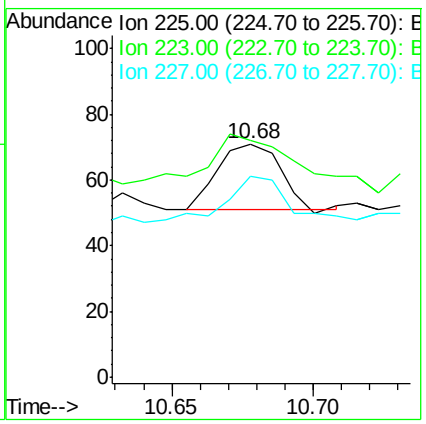


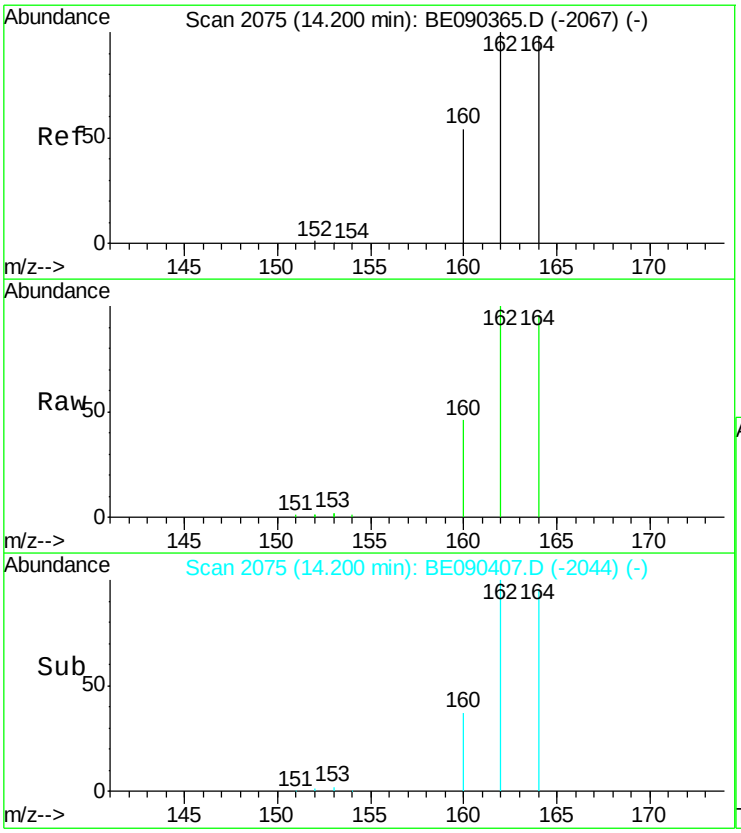
#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:225 Resp: 31

Ion	Ratio	Lower	Upper
225	100		
223	135.5	50.6	75.8#
227	77.4	50.7	76.1#

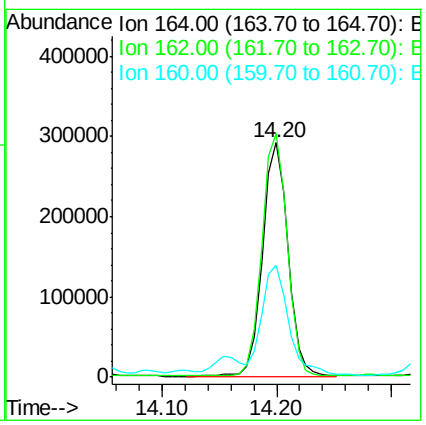


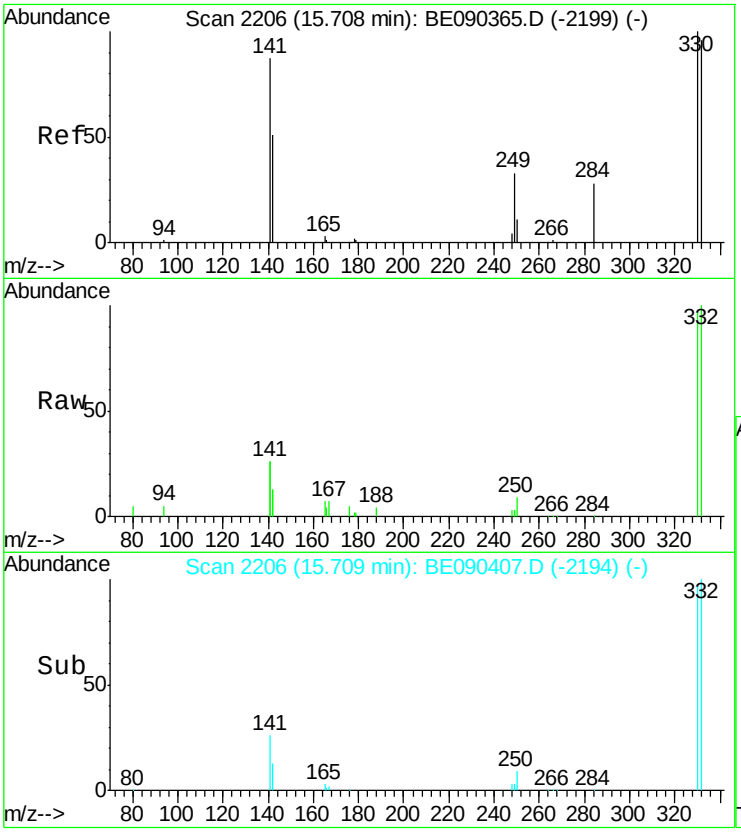


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:164 Resp: 449519

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.8	122.8
160	47.8	44.2	66.4



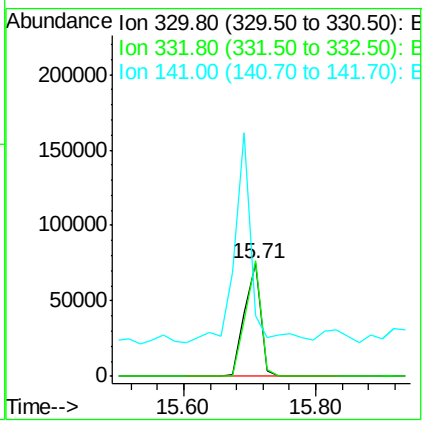


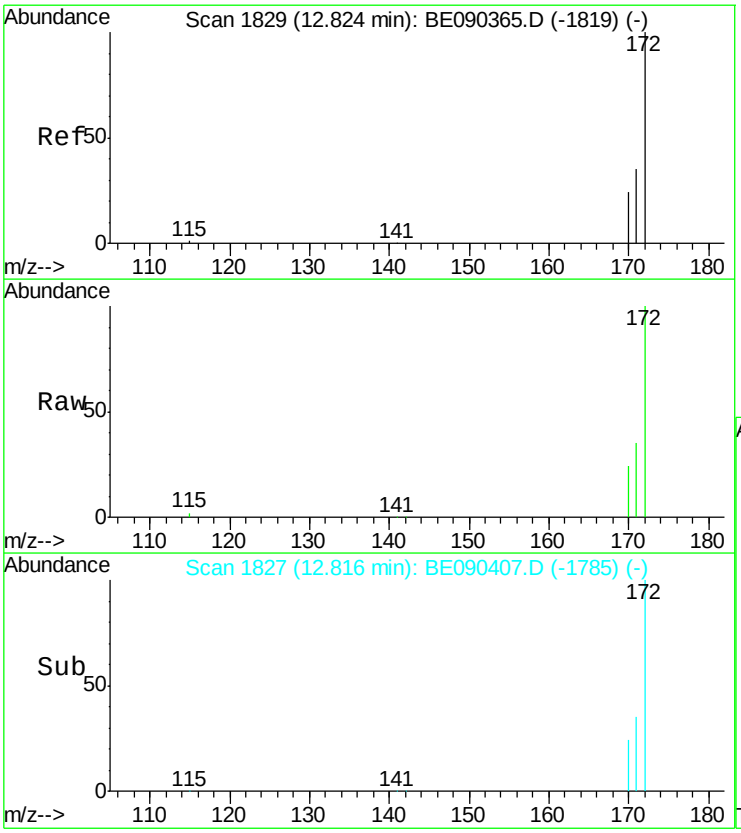
#13
2,4,6-Tribromophenol
Concen: 8.83 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:330 Resp: 127435

Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.8	113.6
141	196.9	114.4	171.6#

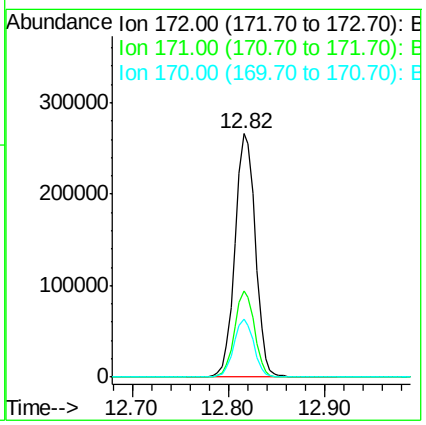


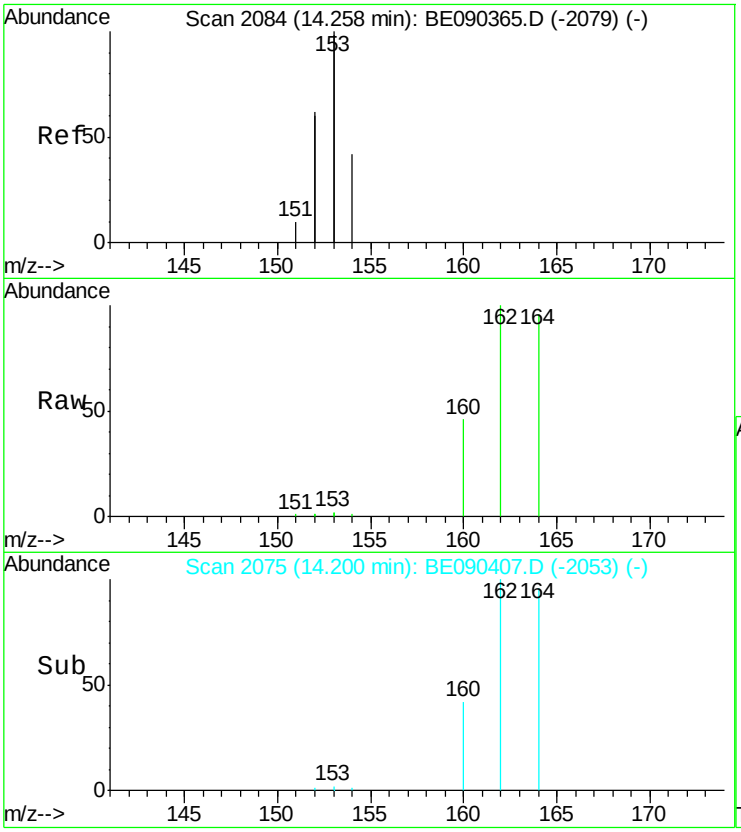


#14
2-Fluorobiphenyl
Concen: 3.15 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:172 Resp: 389214

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.1	19.8	29.8



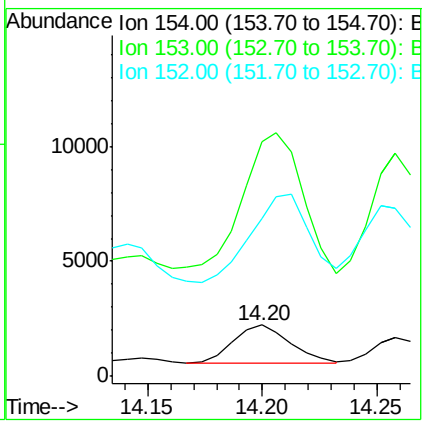


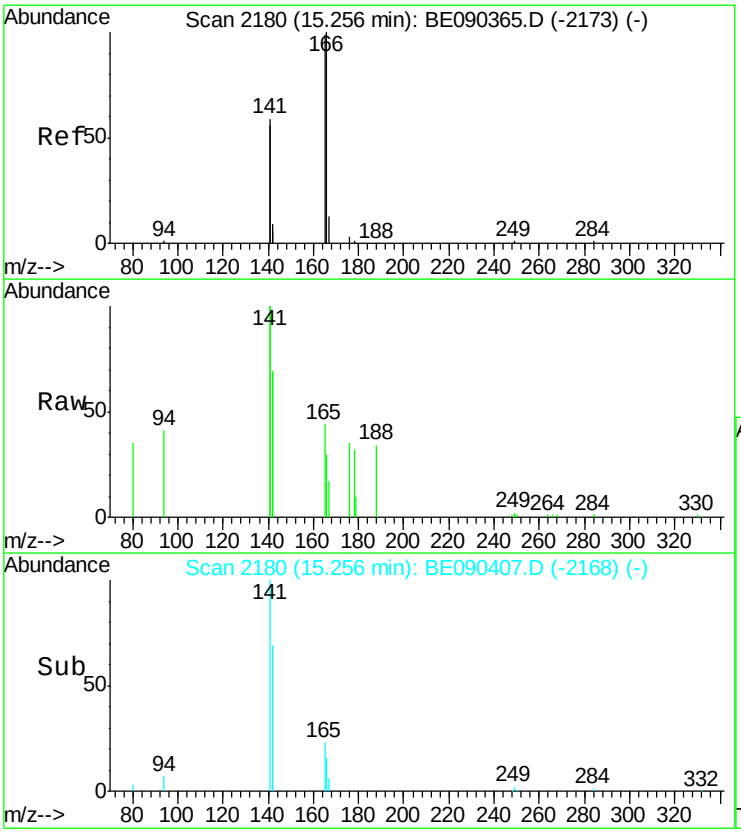
#16
Acenaphthene
Concen: 0.02 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.06 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:154 Resp: 2818

Ion	Ratio	Lower	Upper
154	100		
153	390.2	376.2	564.2
152	243.2	235.0	352.4

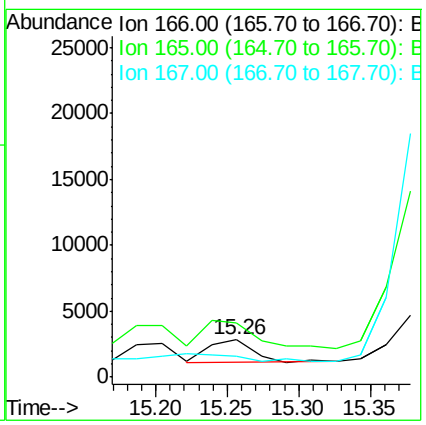


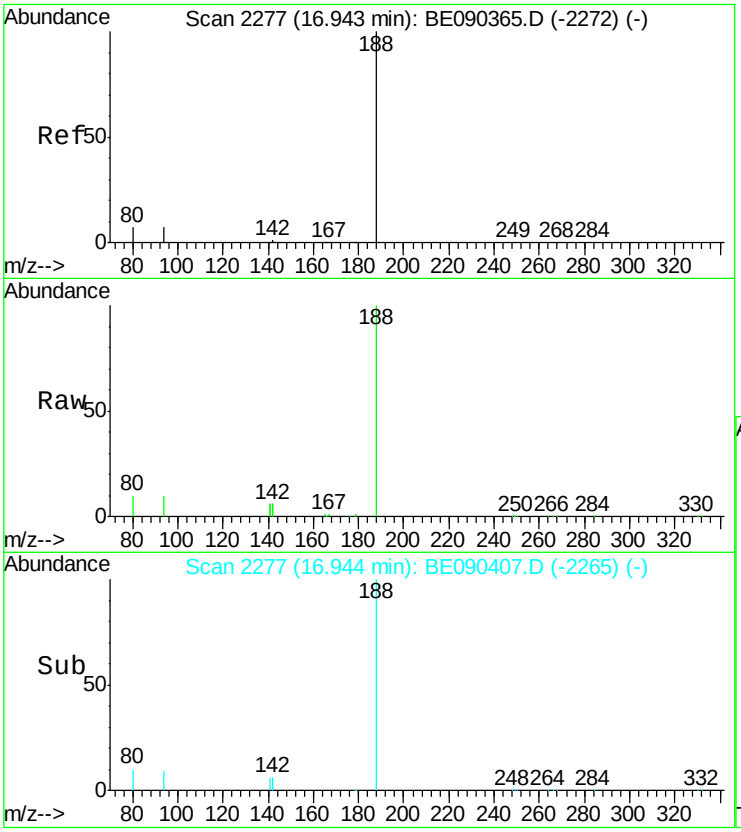


#17
Fluorene
Concen: 0.03 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:166 Resp: 3691

Ion	Ratio	Lower	Upper
166	100		
165	167.5	81.5	122.3#
167	0.0	11.4	17.0#



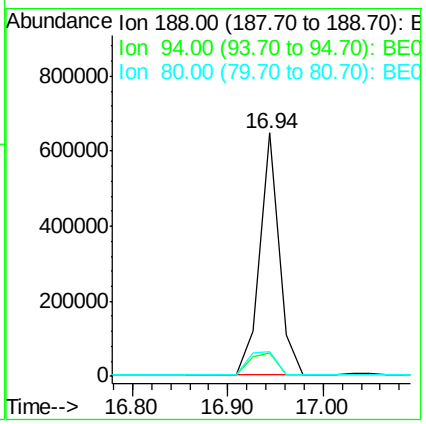


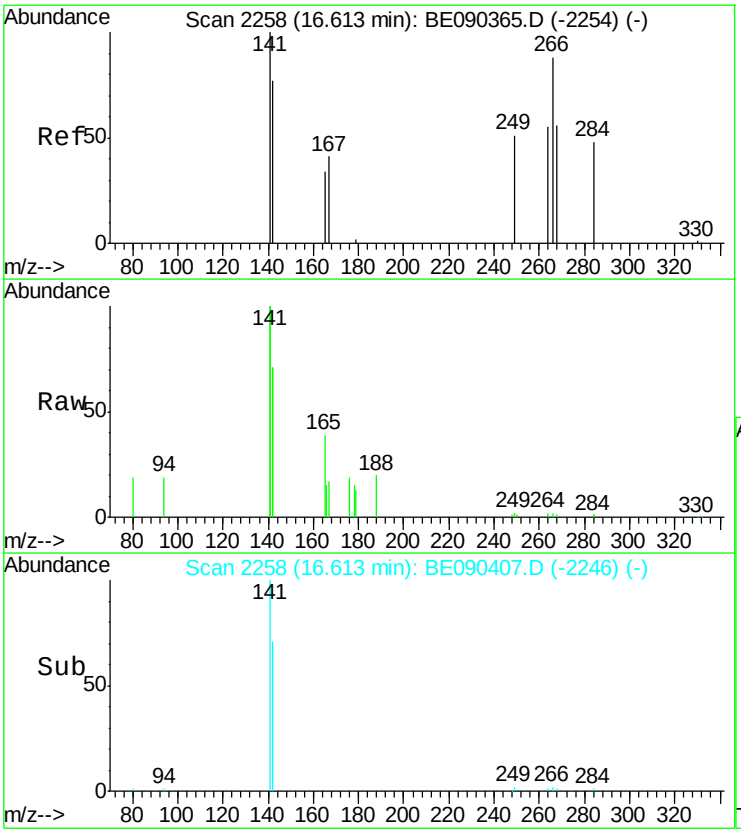
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:188 Resp: 919242

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.7	8.5#
80	10.4	5.8	8.8#

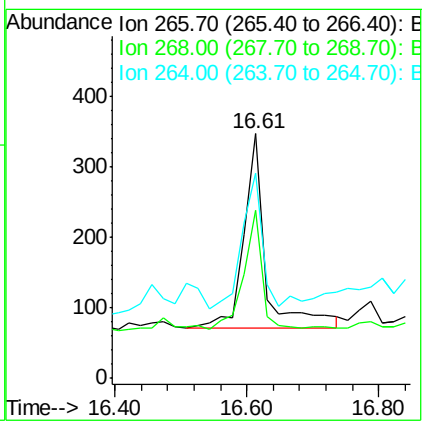


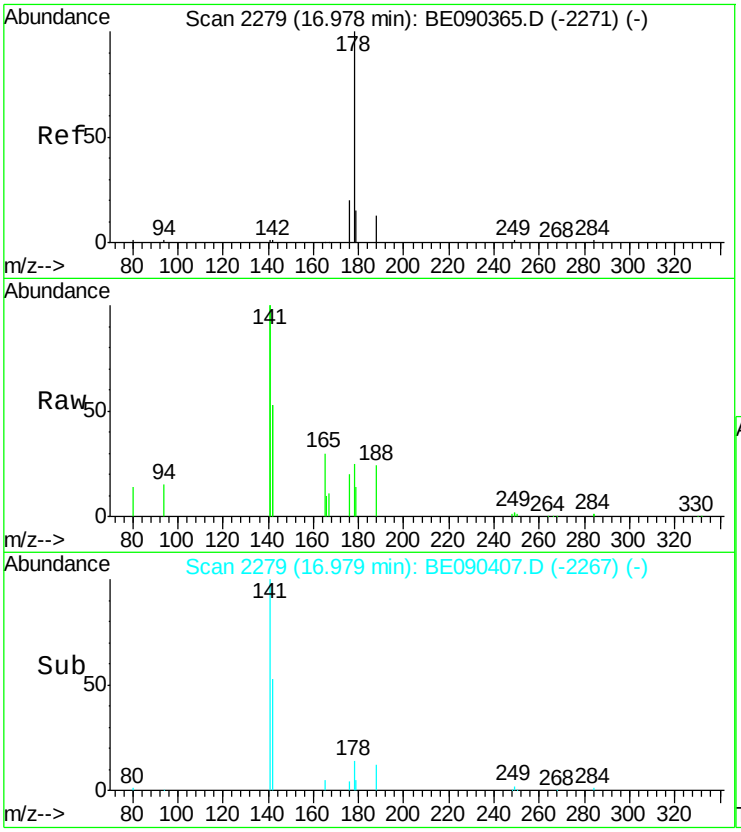


#21
Pentachlorophenol
Concen: 0.20 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:266 Resp: 623

Ion	Ratio	Lower	Upper
266	100		
268	68.6	58.5	87.7
264	83.9	56.0	84.0



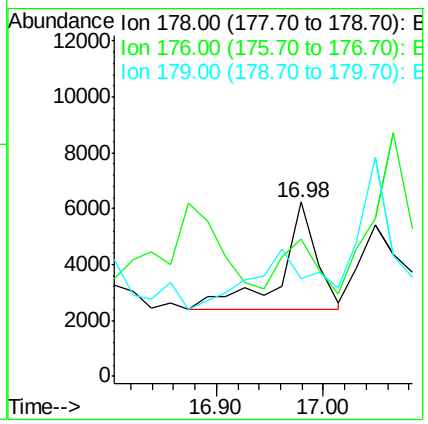


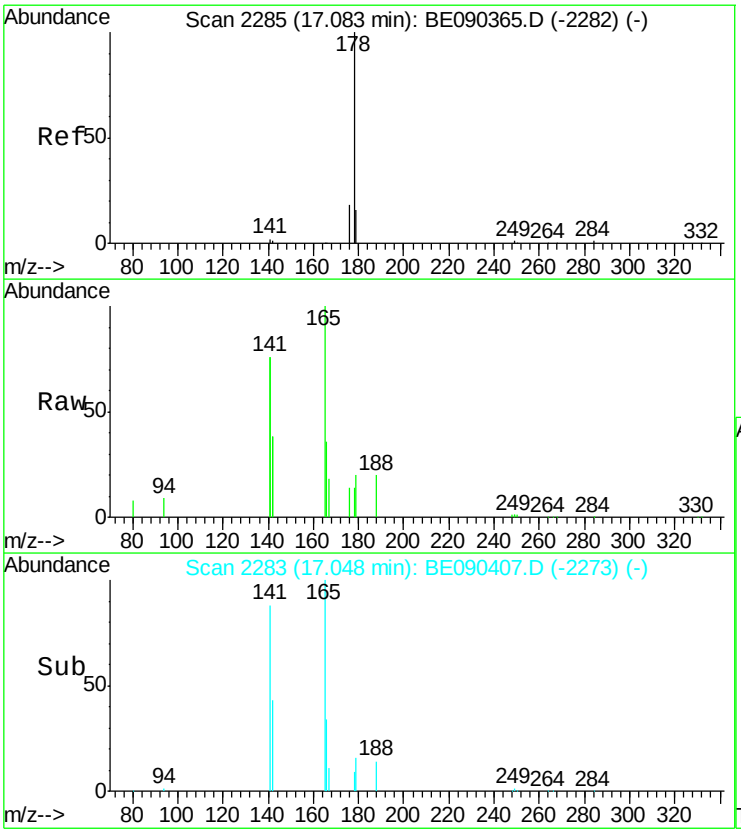
#22
Phenanthrene
Concen: 0.04 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:178 Resp: 8973

Ion	Ratio	Lower	Upper
178	100		
176	48.4	15.4	23.2#
179	98.4	12.5	18.7#

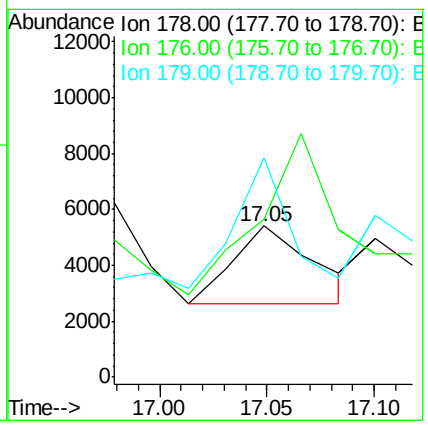


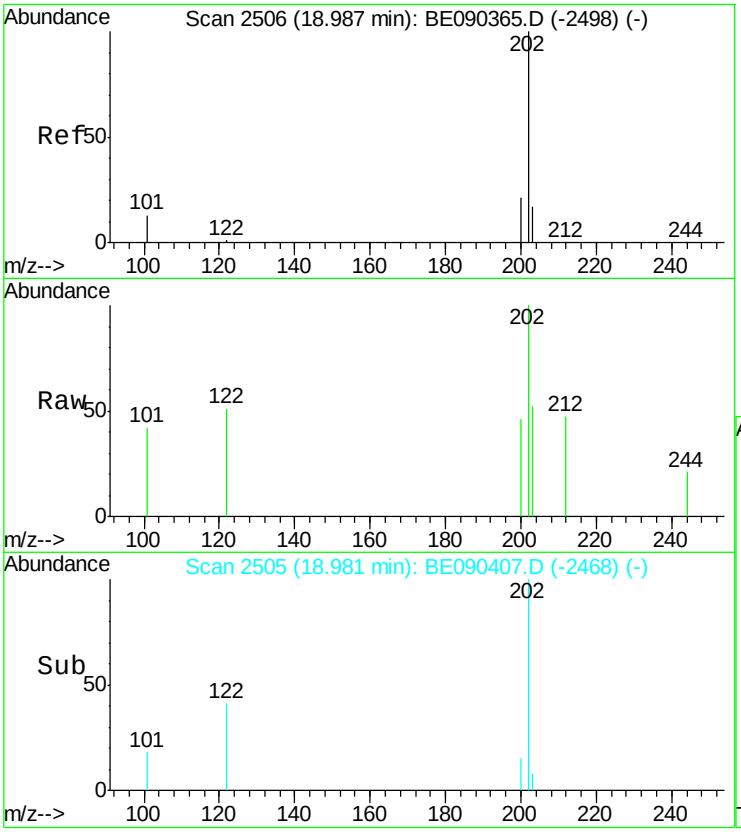


#23
Anthracene
Concen: 0.04 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:178 Resp: 7181

Ion	Ratio	Lower	Upper
178	100		
176	256.6	14.9	22.3#
179	113.9	12.2	18.4#



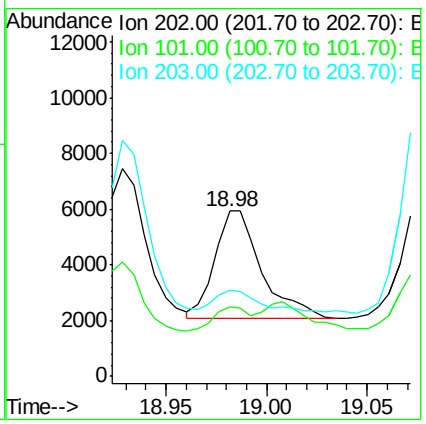


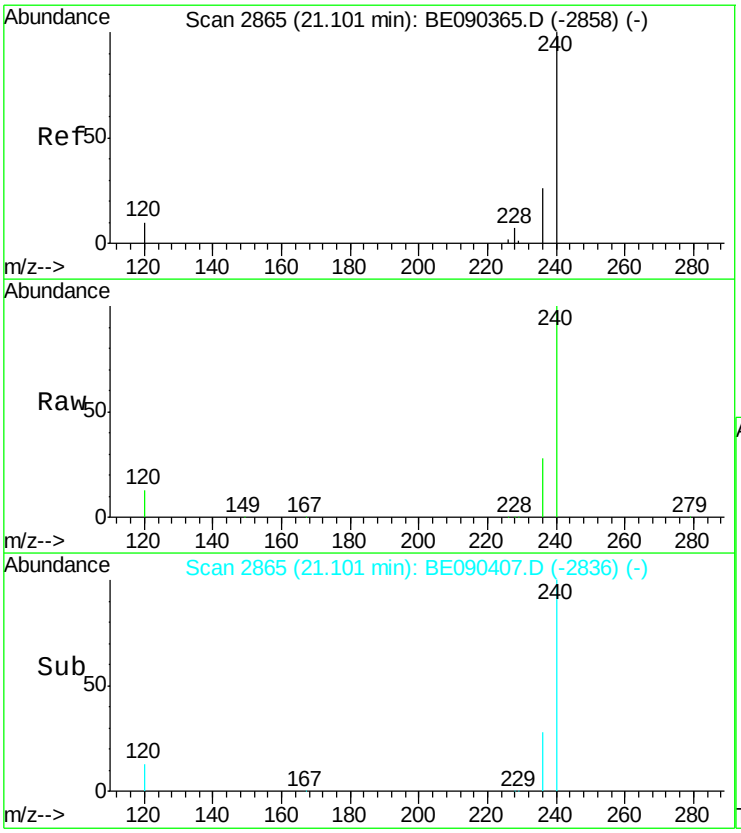
#24
Fluoranthene
Concen: 0.03 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:202 Resp: 6246

Ion	Ratio	Lower	Upper
202	100		
101	17.2	10.3	15.5#
203	26.1	13.7	20.5#

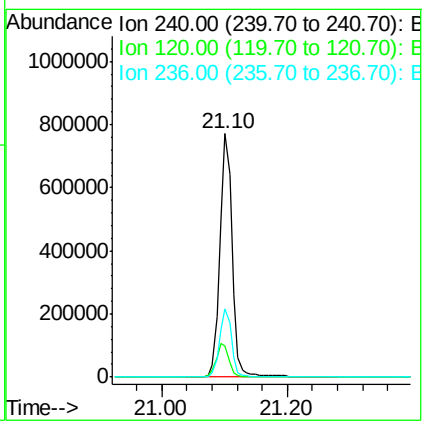


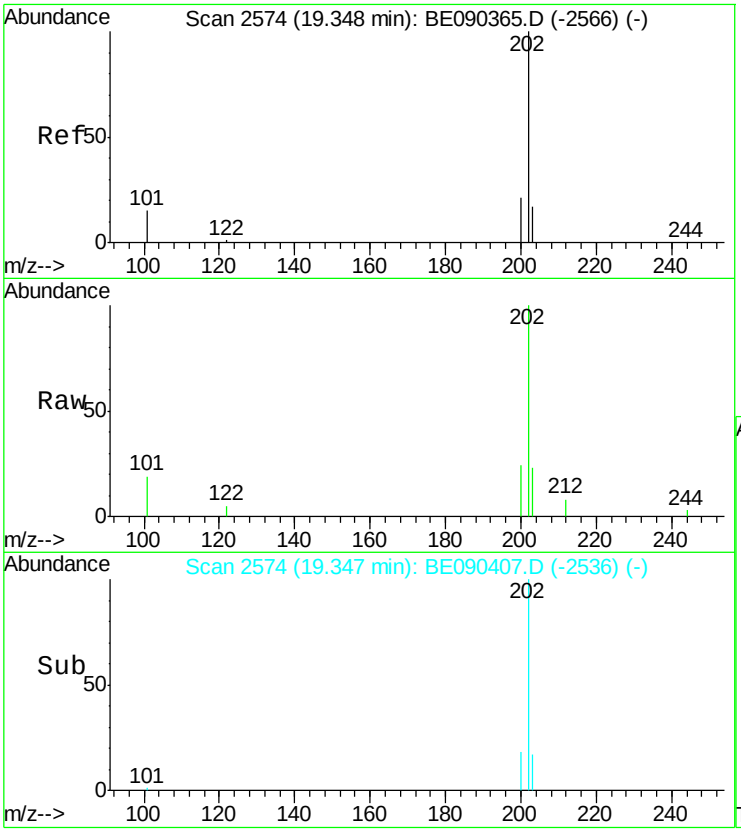


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:240 Resp: 1049510

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.3	12.5#
236	28.2	21.0	31.4



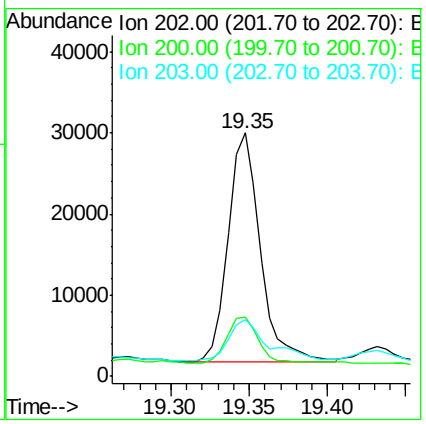


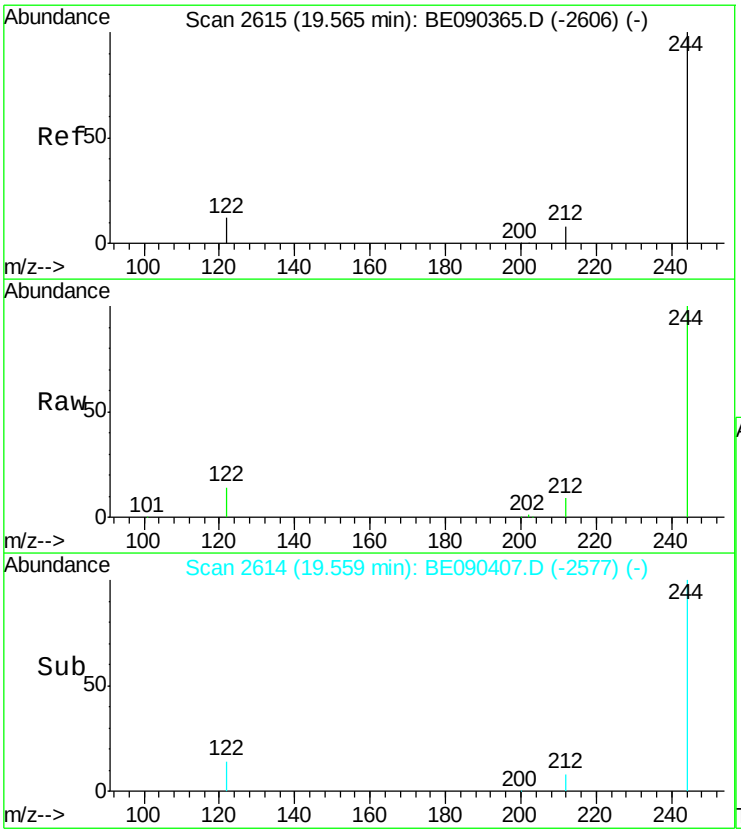
#26
Pyrene
Concen: 0.18 ng
RT: 19.35 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:202 Resp: 40336

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.7	25.1
203	21.6	13.8	20.8#

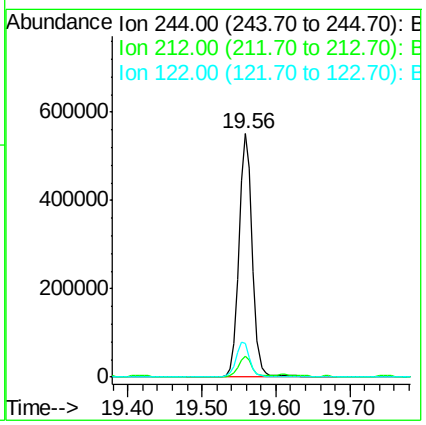


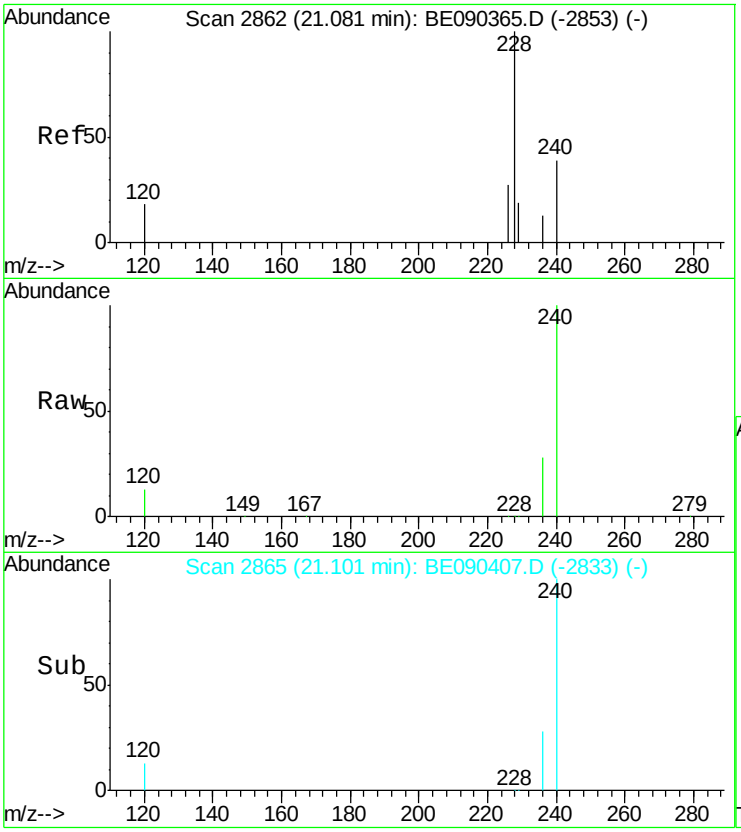


#27
Terphenyl-d14
Concen: 4.45 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:244 Resp: 687739

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	9.8
122	13.9	10.2	15.4



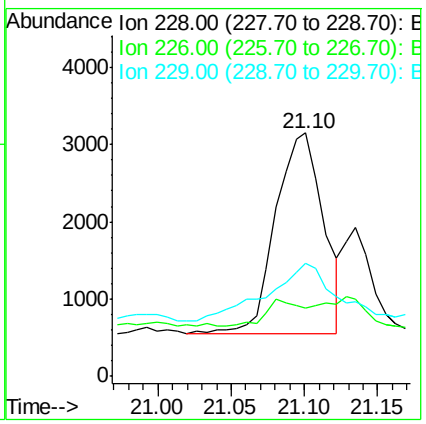


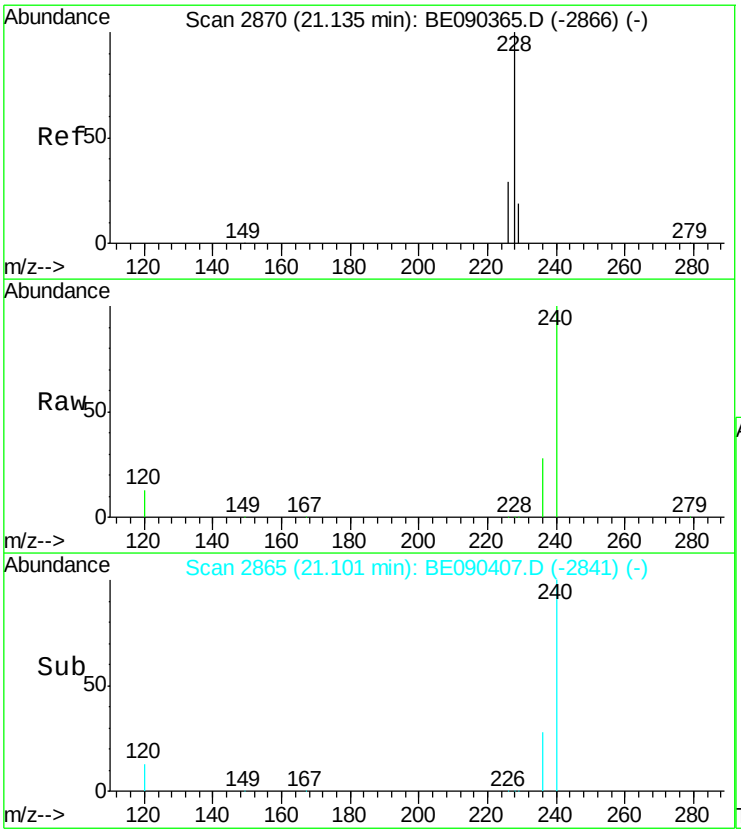
#28
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.02 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:228 Resp: 5872

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	46.6	15.4	23.0#

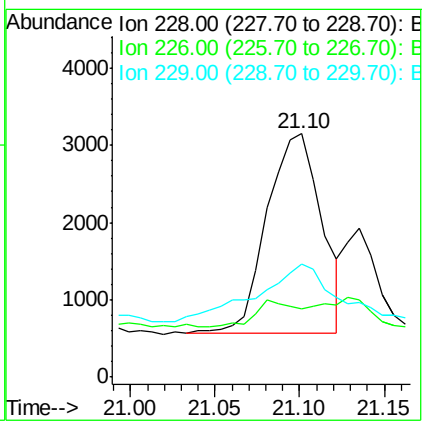


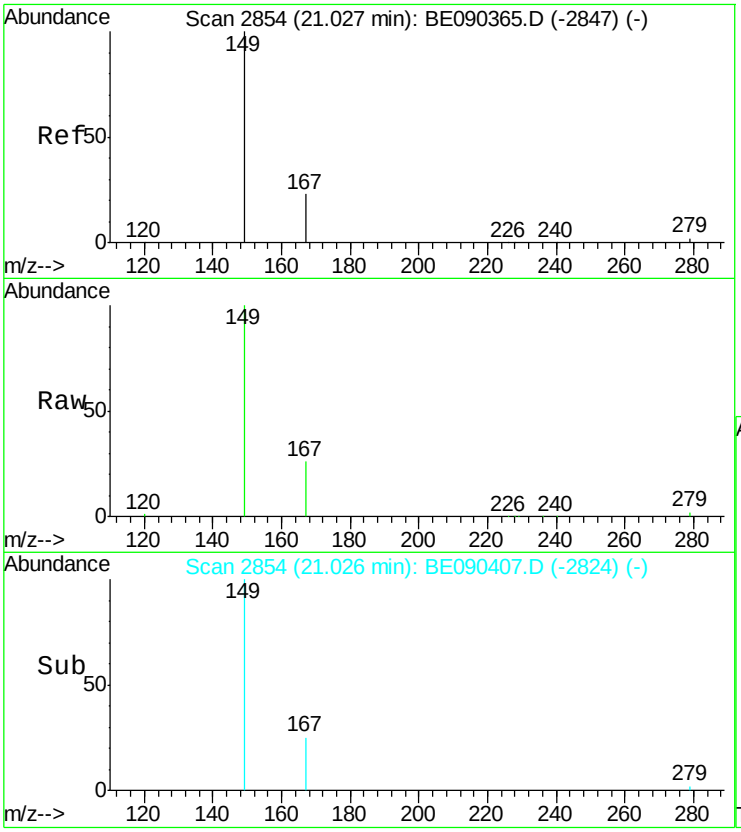


#29
Chrysene
Concen: 0.02 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:228 Resp: 5816

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.1	34.7
229	46.6	15.8	23.8#



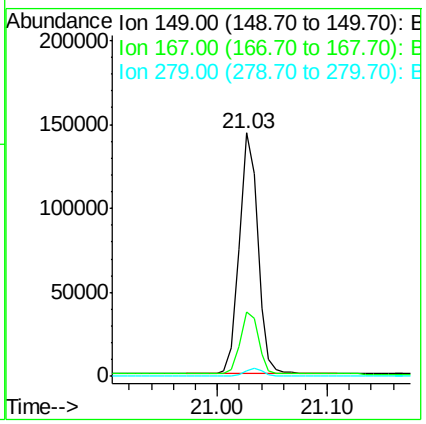


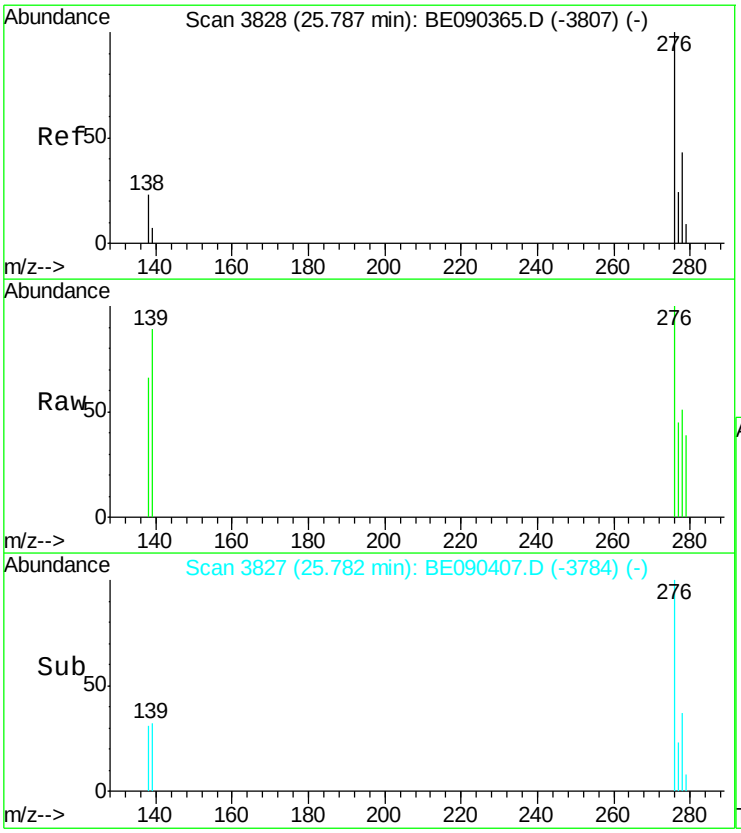
#30
Bis(2-ethylhexyl)phthalate
Concen: 2.48 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:149 Resp: 165192

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.8	29.8
279	3.2	2.4	3.6

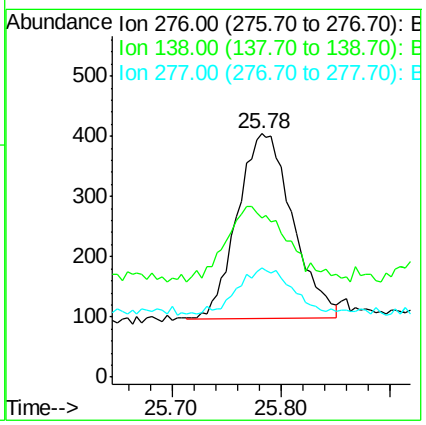


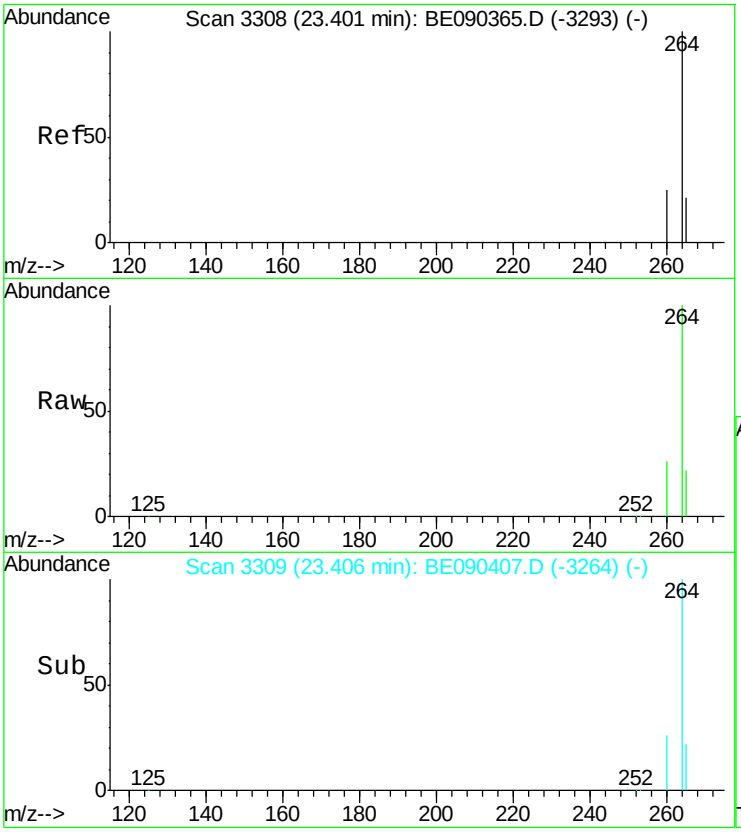


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:276 Resp: 1078

Ion	Ratio	Lower	Upper
276	100		
138	44.5	18.8	28.2#
277	21.8	18.2	27.4



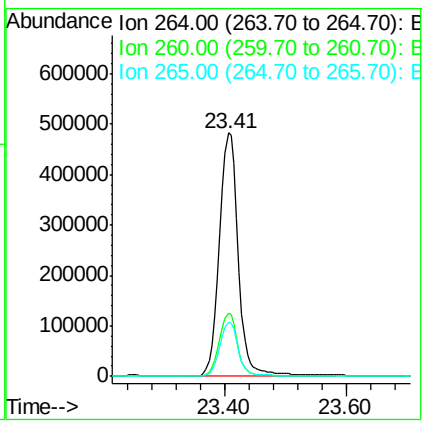


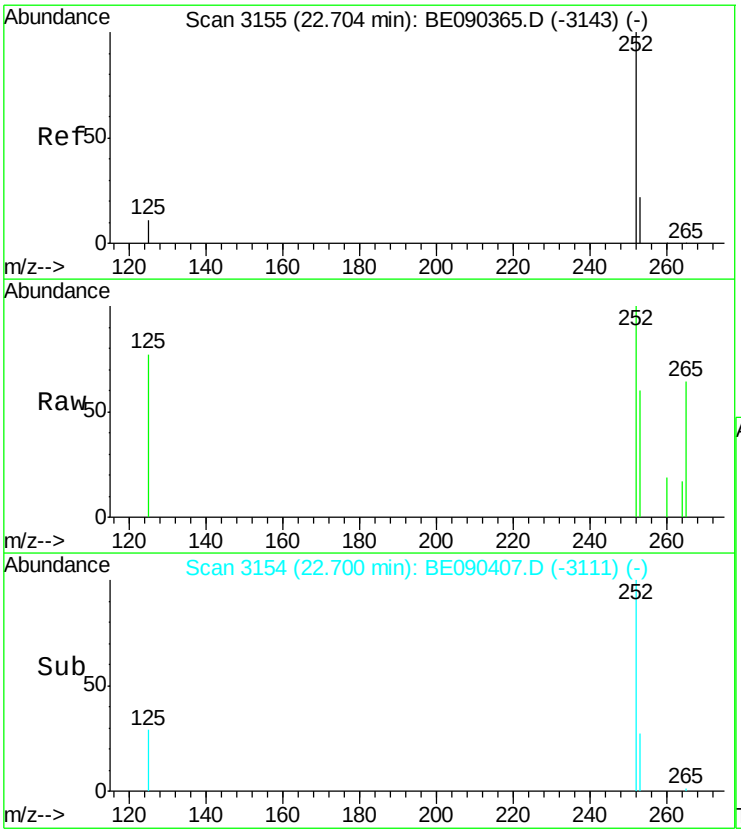
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.41 min Scan# 3309
Delta R.T. 0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:264 Resp: 1052476

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	22.0	17.2	25.8

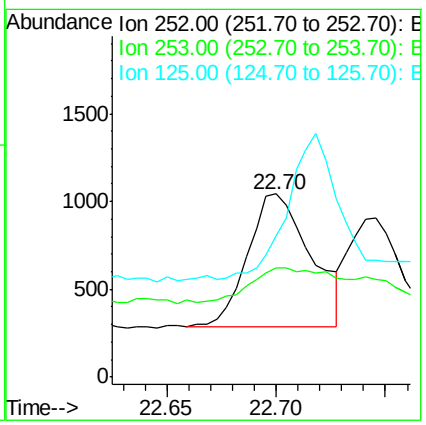


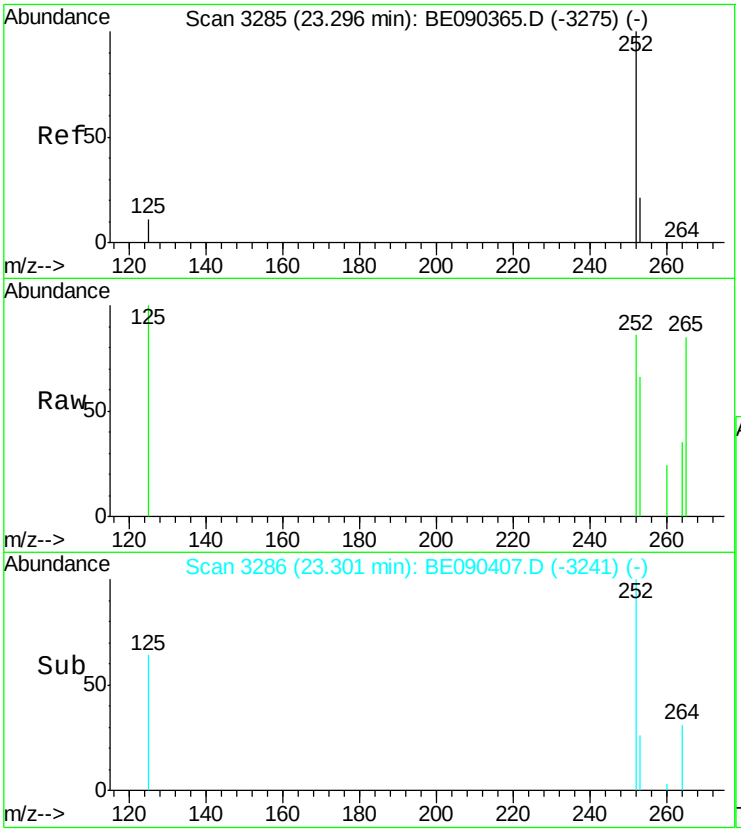


#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:252 Resp: 1515

Ion	Ratio	Lower	Upper
252	100		
253	59.7	18.1	27.1#
125	77.4	9.4	14.2#



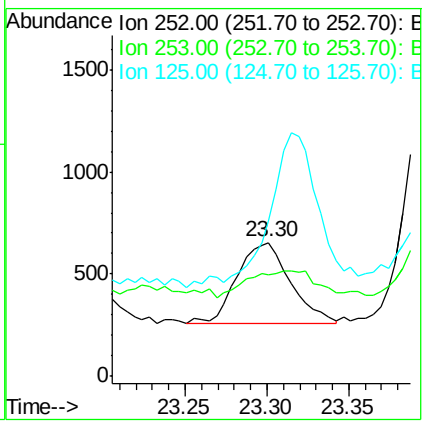


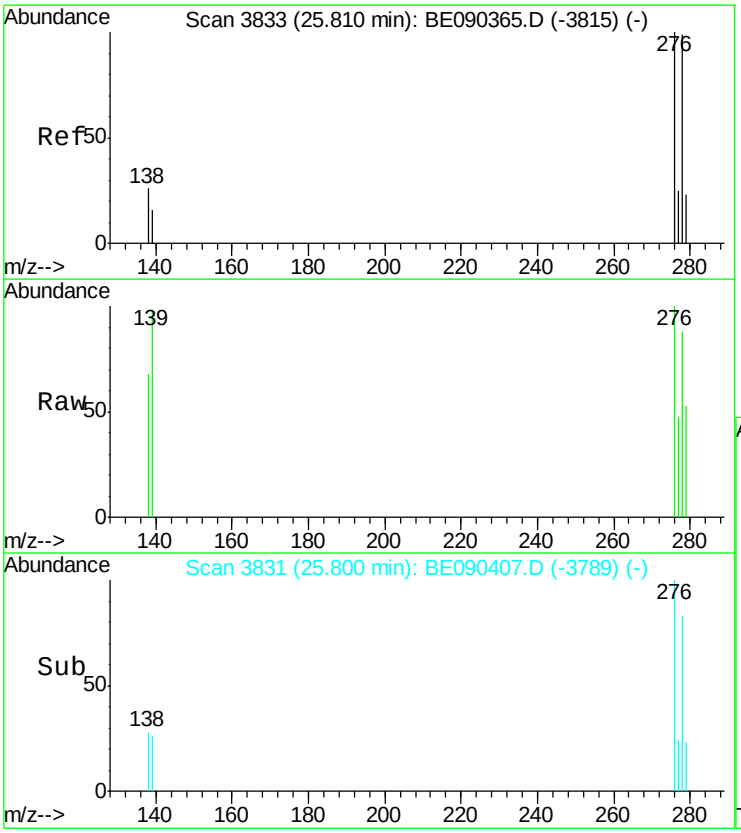
#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

Tgt Ion:252 Resp: 887

Ion	Ratio	Lower	Upper
252	100		
253	76.0	17.6	26.4#
125	116.0	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion:278 Resp: 737

Ion	Ratio	Lower	Upper
278	100		
139	111.4	14.2	21.4#
279	60.3	20.1	30.1#