Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081315\
Data File : BE090499.D
Acq On : 13 Aug 2015 13:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 13 15:11:26 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	24340	5.00	ng		-0.01
6) Naphthalene-d8	10.33	136	120584	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	66325	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	149729	5.00	ng		0.00
25) Chrysene-d12	21.09	240	153198	5.00	ng		0.00
32) Perylene-d12	23.39	264	142661	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	7283	1.99	ng		0.00
5) Phenol-d6	6.77	99	10732	1.56	ng		0.00
7) Nitrobenzene-d5	8.72	82	9723	1.15	ng		-0.01
13) 2,4,6-Tribromophenol	15.69	330	2751	2.14	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	19931	1.09	ng		0.00
27) Terphenyl-d14	19.56	244	28333	1.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3452	1.09	ng		95
3) n-Nitrosodimethylamine	3.49	42	4212	1.12	ng	#	71
8) Nitrobenzene	8.76	77	10176	1.14	ng		97
9) Naphthalene	10.39	128	27297	1.03	ng		99
10) Hexachlorobutadiene	10.68	225	4007	0.93	ng		99
11) 2-Methylnaphthalene	12.00	142	17895	1.16	ng		99
15) Acenaphthylene	13.91	152	120925	1.13	ng		100
16) Acenaphthene	14.26	154	18195	1.09	ng	#	78
17) Fluorene	15.24	166	22325	1.03	ng		97
19) 4-Bromophenyl-phenylether	16.14	248	6172	1.06	ng		83
20) Hexachlorobenzene	16.27	284	27065	0.90	ng		96
21) Pentachlorophenol	16.61	266	2427	2.02	ng		95
22) Phenanthrene	16.98	178	39020	1.04	ng		100
23) Anthracene	17.07	178	36212	1.18	ng		100
24) Fluoranthene	18.98	202	42512	1.15	ng		98
26) Pyrene	19.34	202	44384	1.34	ng		100
28) Benzo(a)anthracene	21.08	228	39728	1.17	ng		98
29) Chrysene	21.13	228	40961	1.00	ng		97
30) Bis(2-ethylhexyl)phthalate	21.03	149	22853	2.38	ng		97
31) Indeno(1,2,3-cd)pyrene	25.78	276	39268	1.26	ng	#	91
33) Benzo(b)fluoranthene	22.69	252	34301	1.22	ng		98
34) Benzo(k)fluoranthene	22.74	252	38513	0.97	ng		98
35) Benzo(a)pyrene	23.29	252	31741	1.22	ng	#	96
36) Dibenzo(a,h)anthracene	25.80	278	30689	1.25	ng		97
37) Benzo(g,h,i)perylene	26.51	276	34012	1.29	ng	#	94

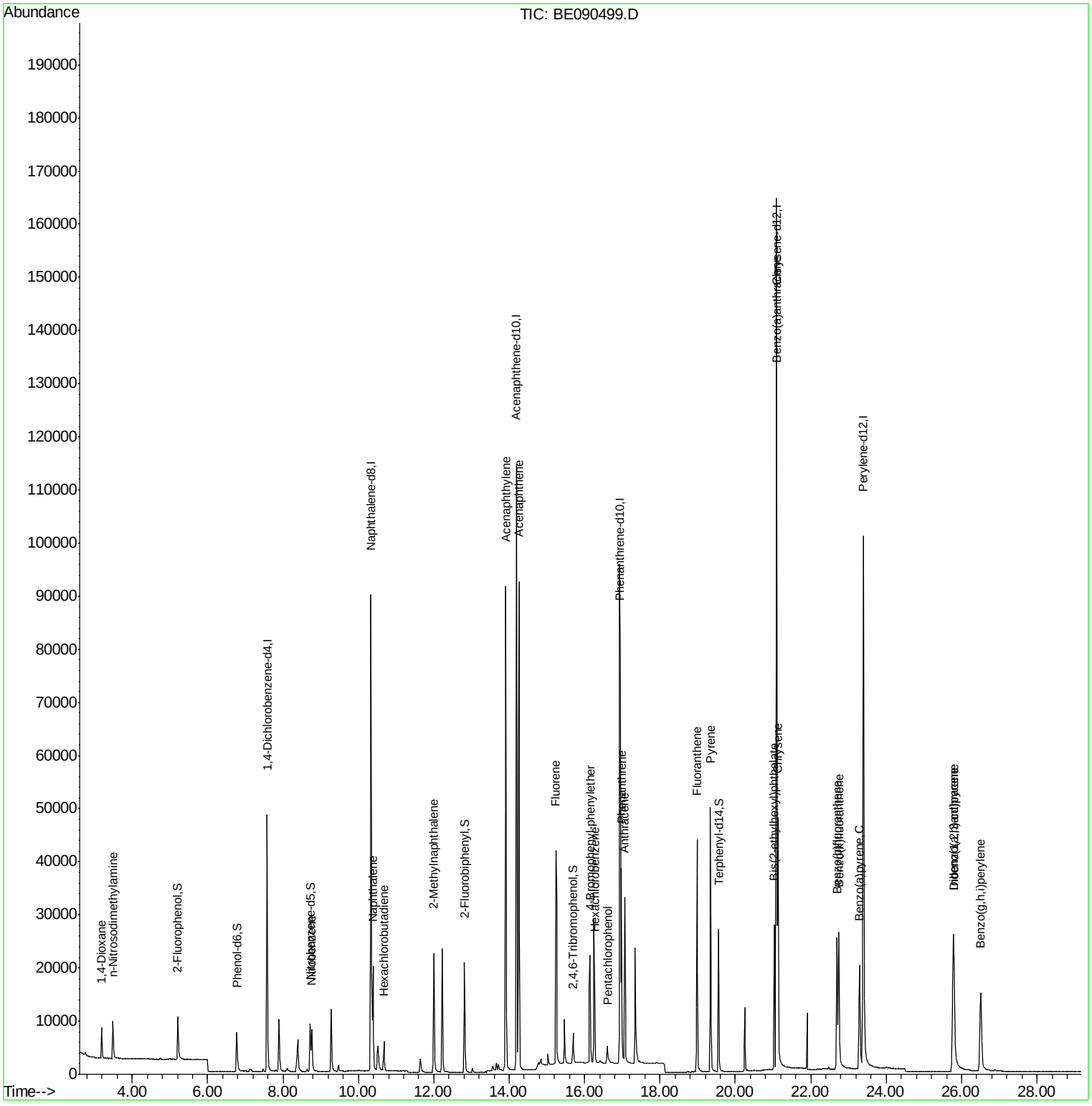
(#) = qualifier out of range (m) = manual integration (+) = signals summed

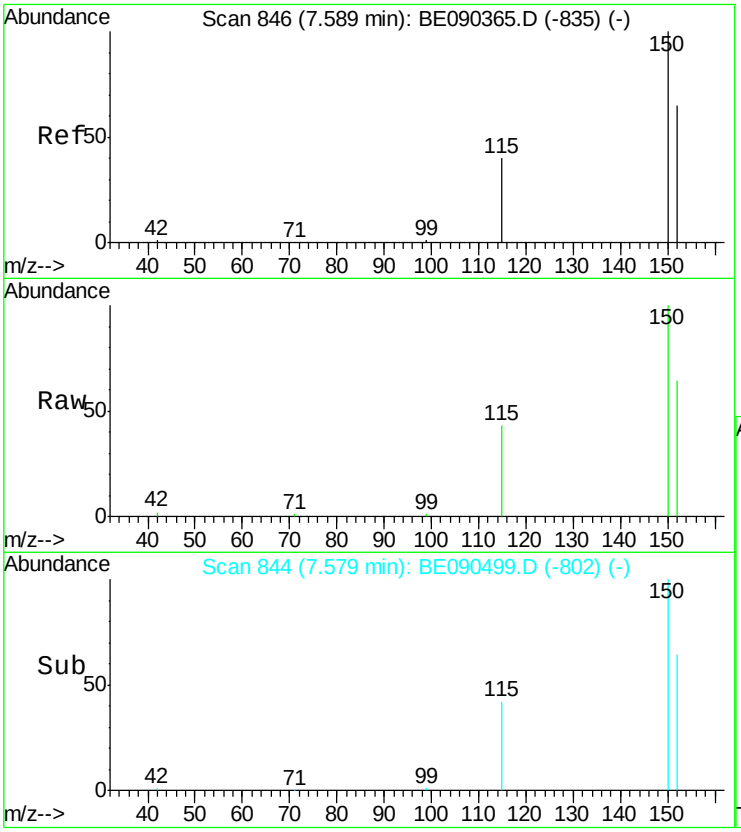
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081315\
Data File : BE090499.D
Acq On : 13 Aug 2015 13:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 15:11:26 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



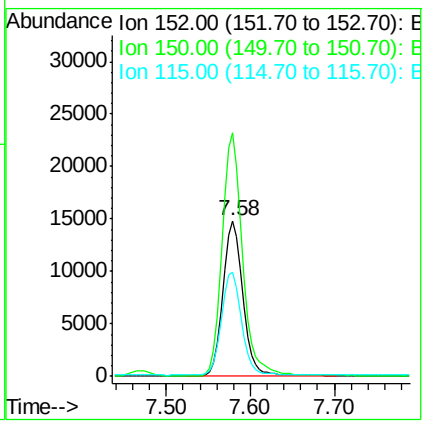


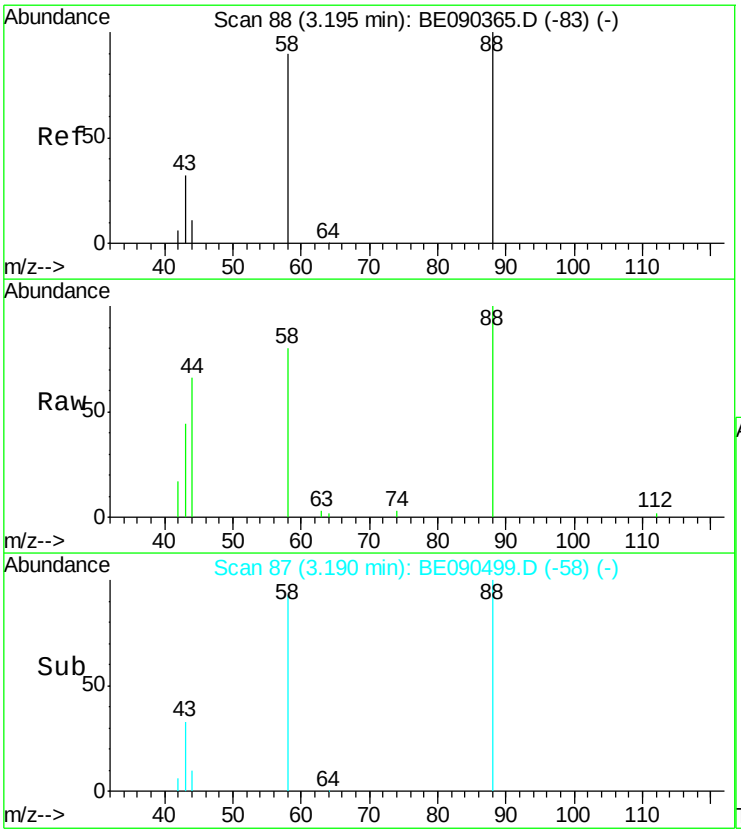
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 24340

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.0	184.4
115	66.8	48.9	73.3

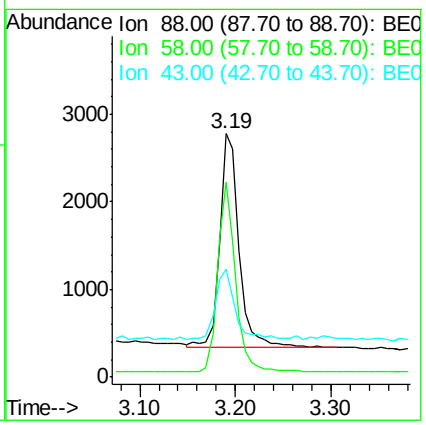


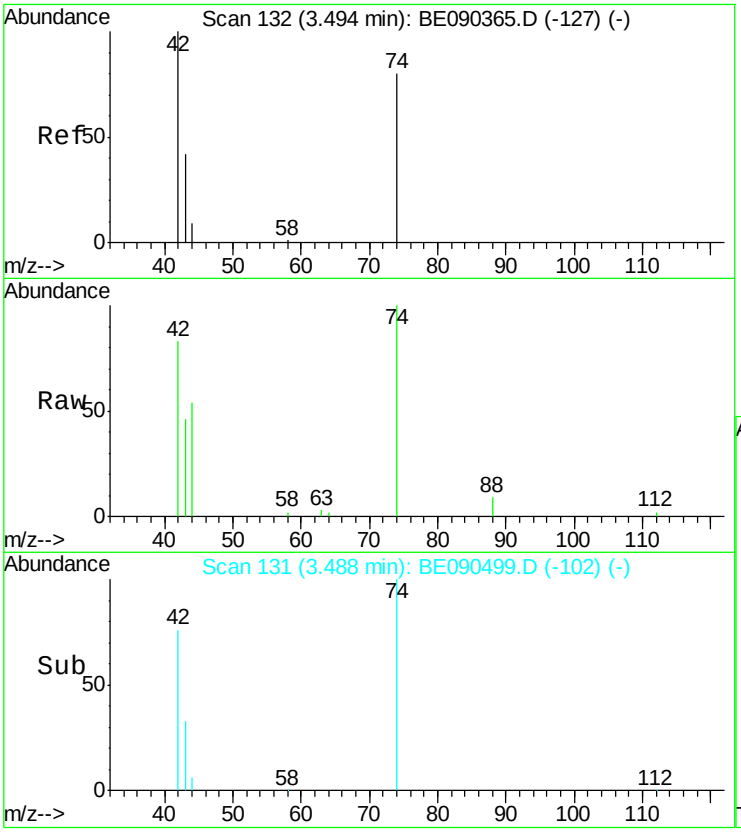


#2
1,4-Dioxane
Concen: 1.09 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion: 88 Resp: 3452

Ion	Ratio	Lower	Upper
88	100		
58	81.9	70.0	105.0
43	33.4	28.4	42.6



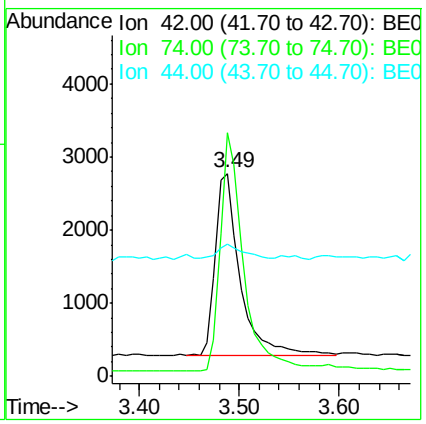


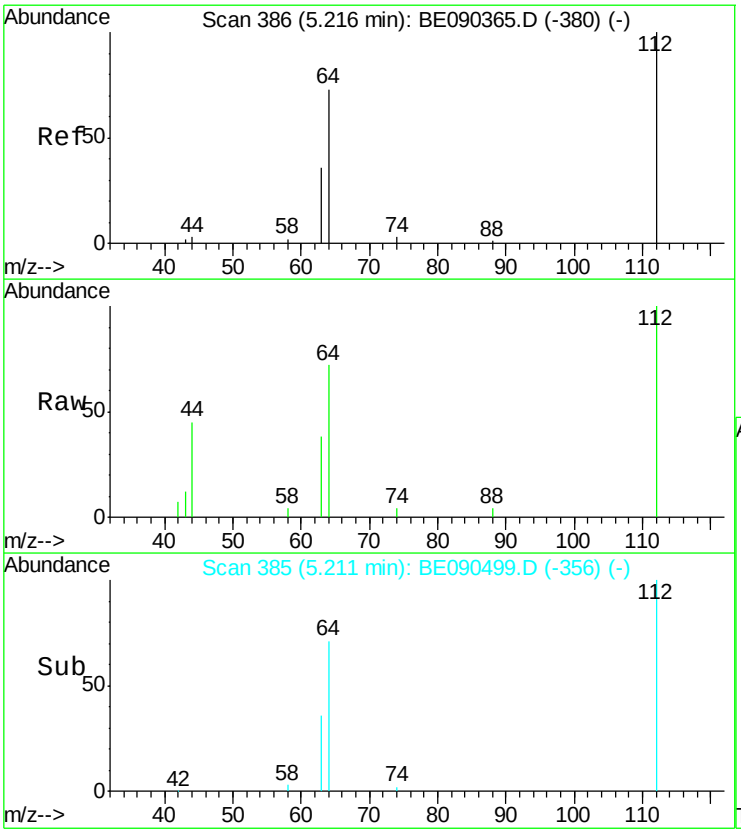
#3
n-Nitrosodimethylamine
Concen: 1.12 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 4212

Ion	Ratio	Lower	Upper
42	100		
74	124.7	75.2	112.8#
44	9.6	8.7	13.1

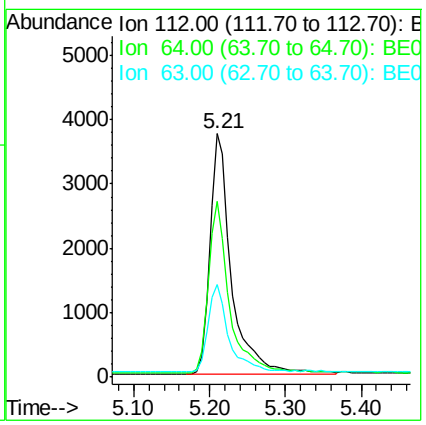


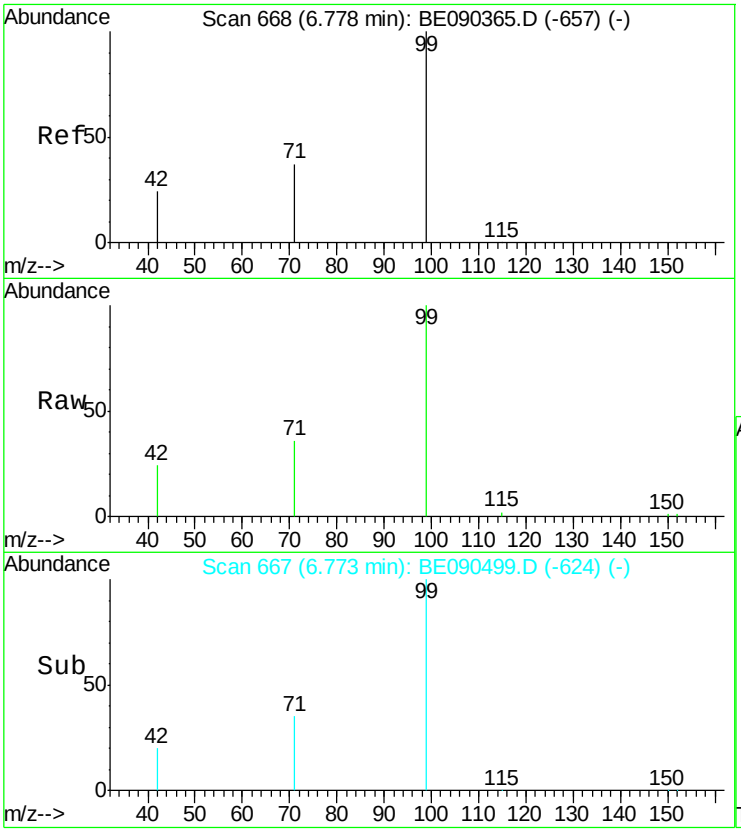


#4
2-Fluorophenol
Concen: 1.99 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:112 Resp: 7283

Ion	Ratio	Lower	Upper
112	100		
64	70.1	37.1	55.7#
63	35.7	19.5	29.3#



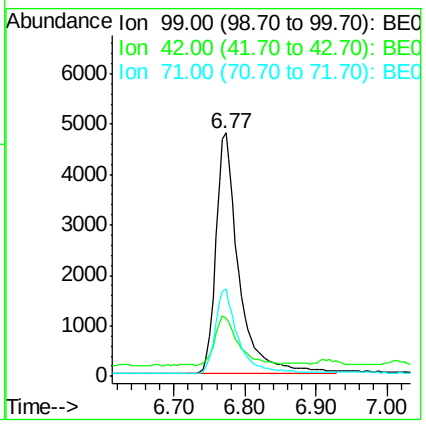


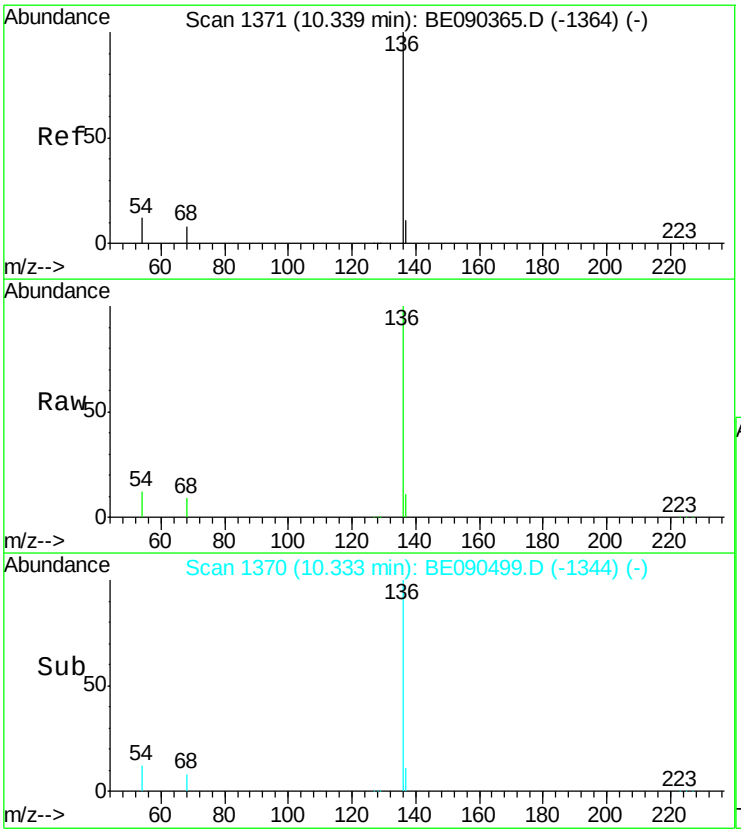
#5
Phenol-d6
Concen: 1.56 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10732

Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.2	27.4
71	35.5	27.4	41.0

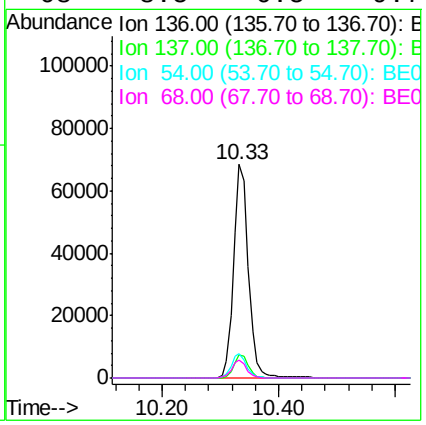


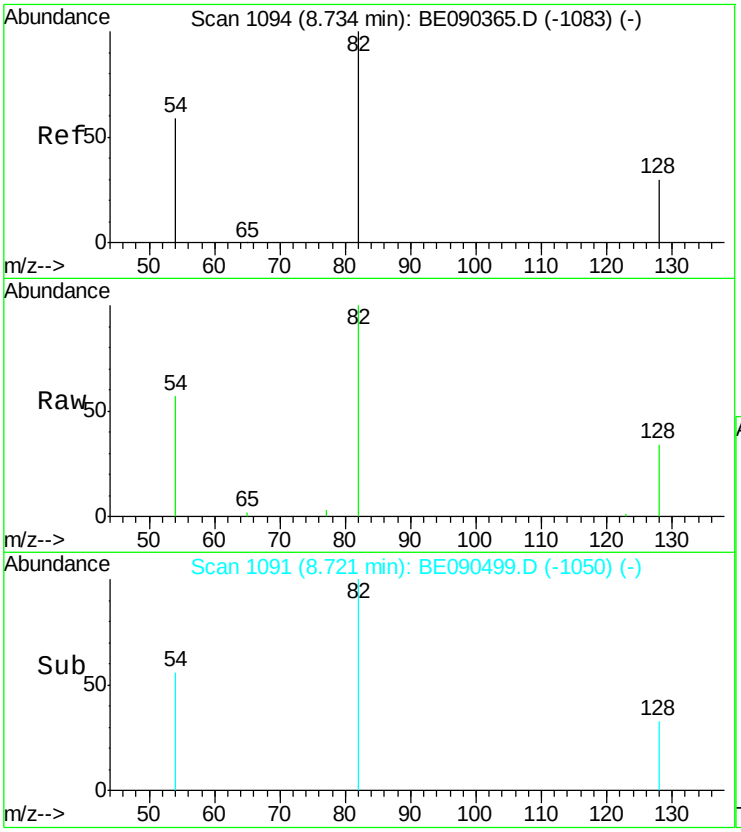


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:136 Resp: 120584

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.7	9.4	14.0
68	8.5	6.5	9.7



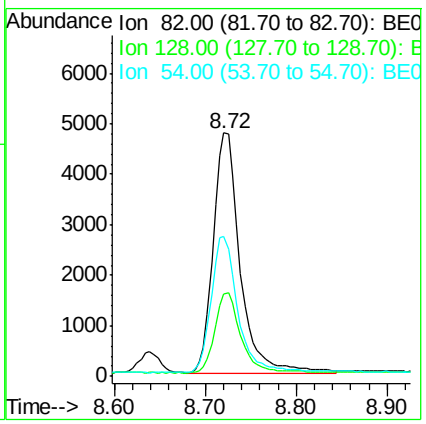


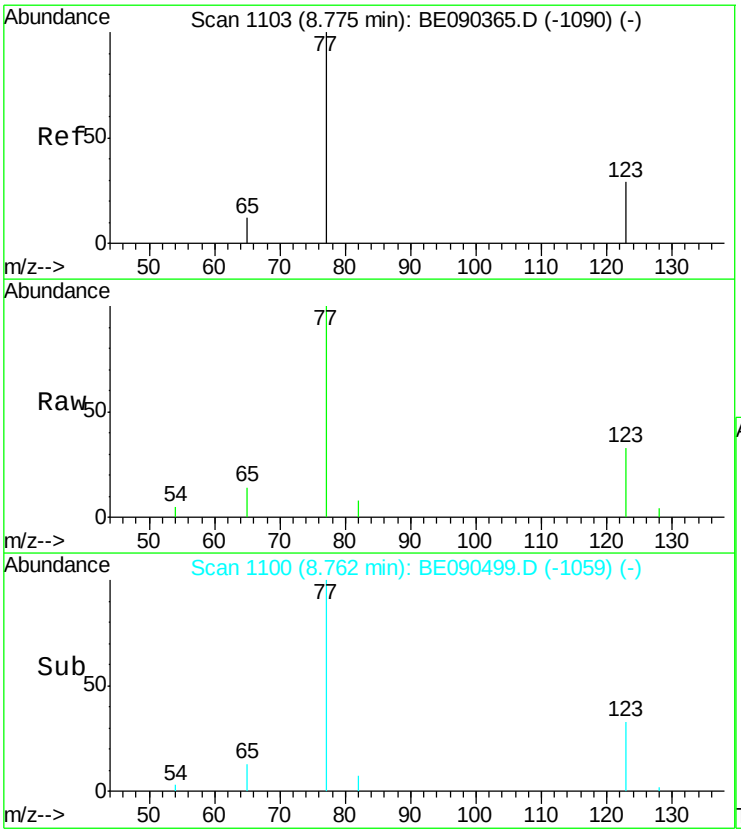
#7
Nitrobenzene-d5
Concen: 1.15 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 9723

Ion	Ratio	Lower	Upper
82	100		
128	33.7	25.0	37.6
54	57.2	48.8	73.2

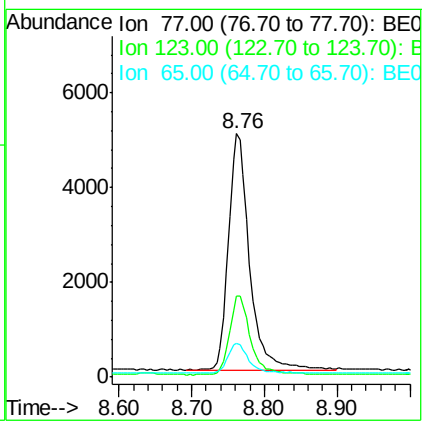


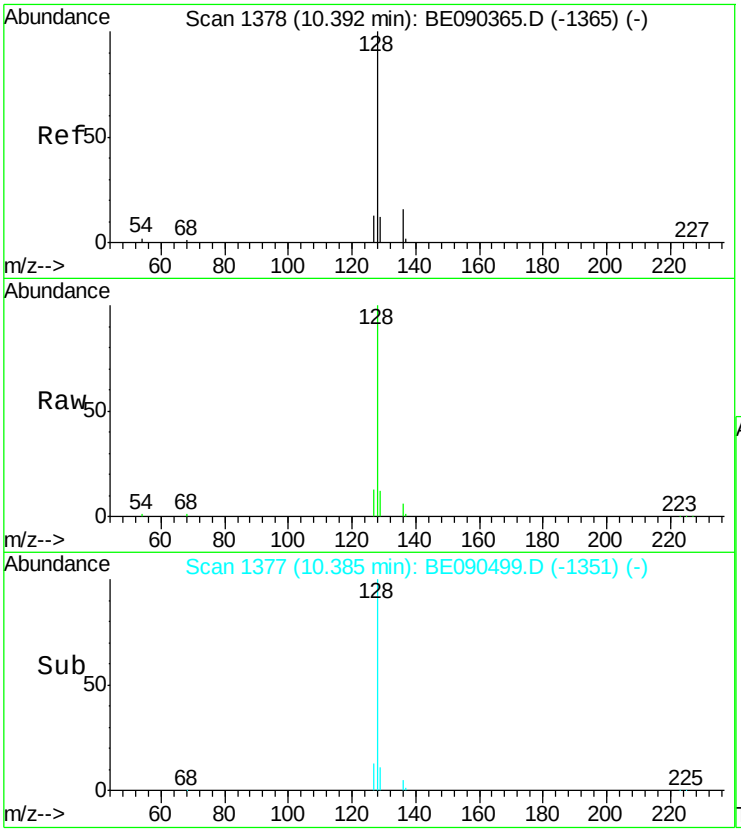


#8
Nitrobenzene
Concen: 1.14 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion: 77 Resp: 10176

Ion	Ratio	Lower	Upper
77	100		
123	33.1	25.1	37.7
65	12.5	9.3	13.9



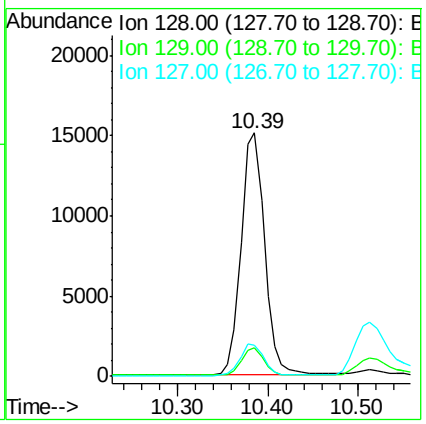


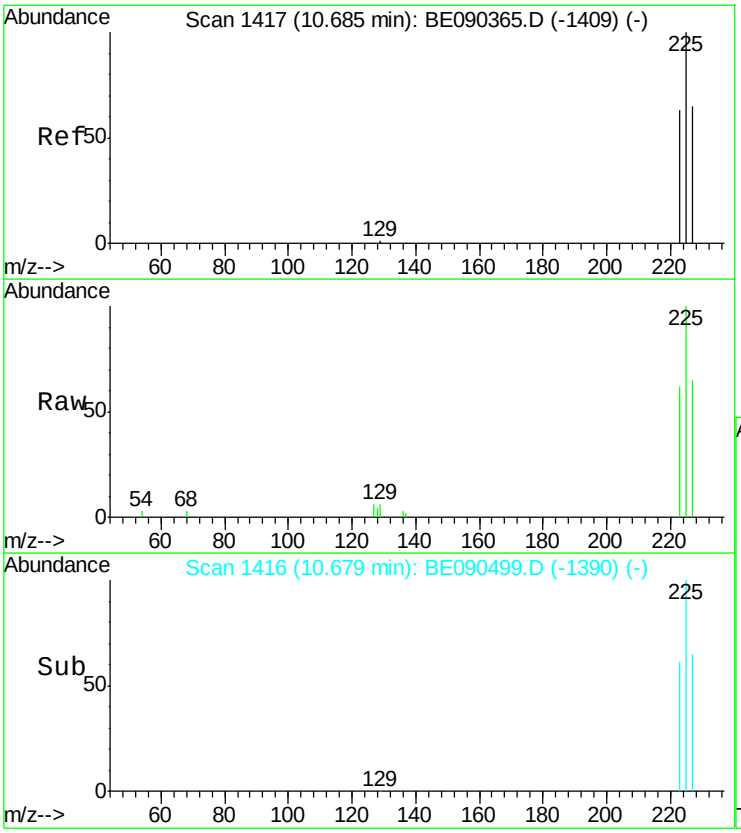
#9
Naphthalene
Concen: 1.03 ng
RT: 10.39 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 27297

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.1	10.6	16.0

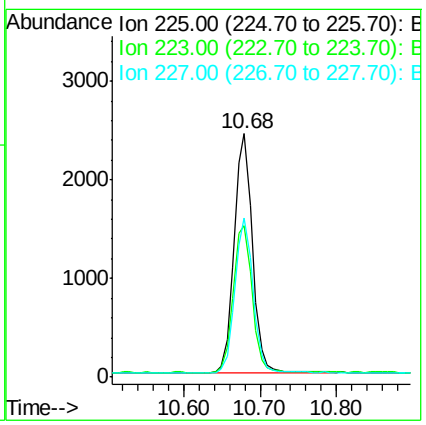


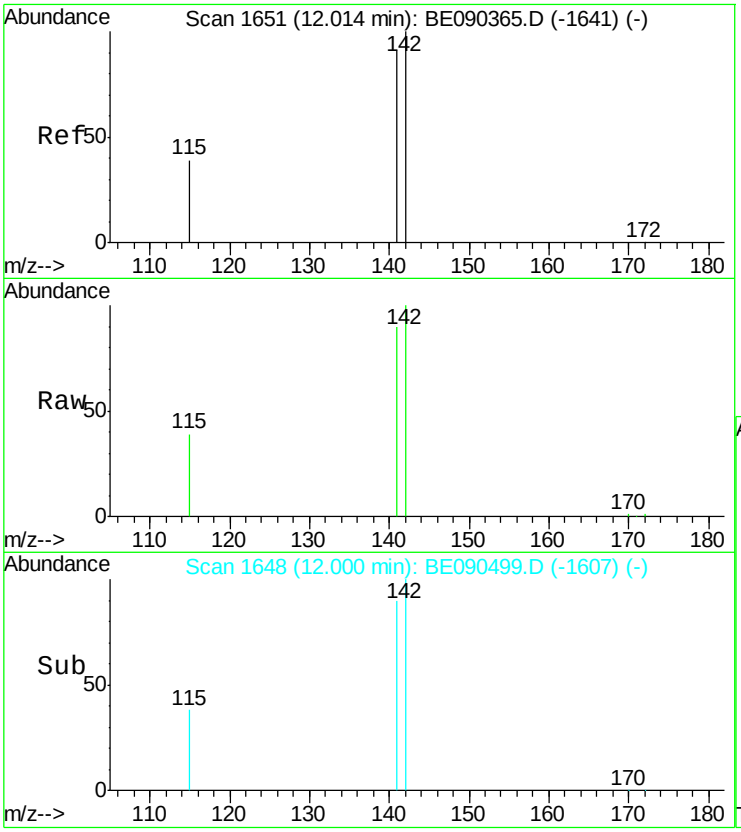


#10
Hexachlorobutadiene
Concen: 0.93 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:225 Resp: 4007

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	64.2	50.7	76.1



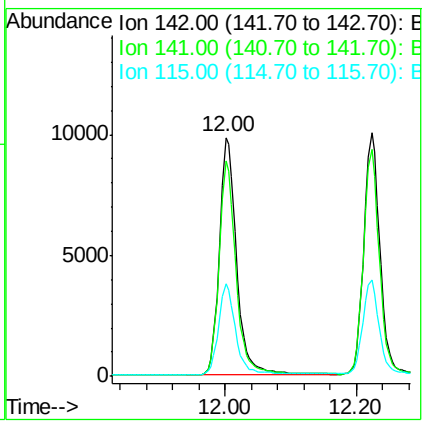


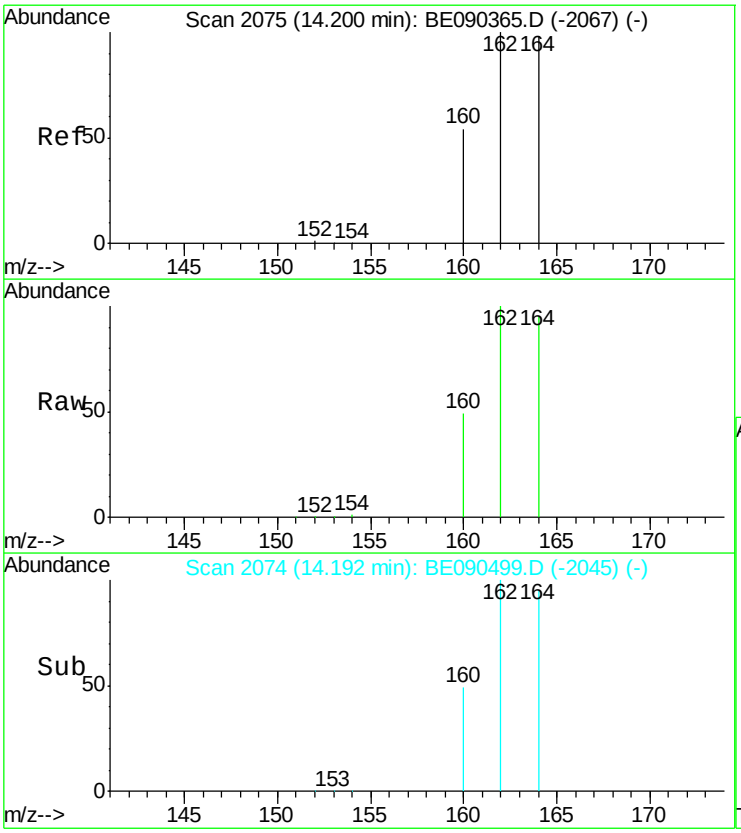
#11
2-Methylnaphthalene
Concen: 1.16 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 17895

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	109.0
115	38.5	31.6	47.4

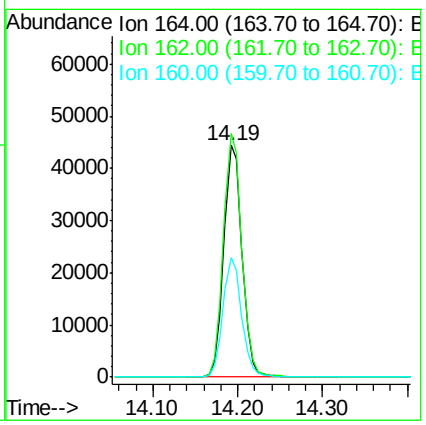


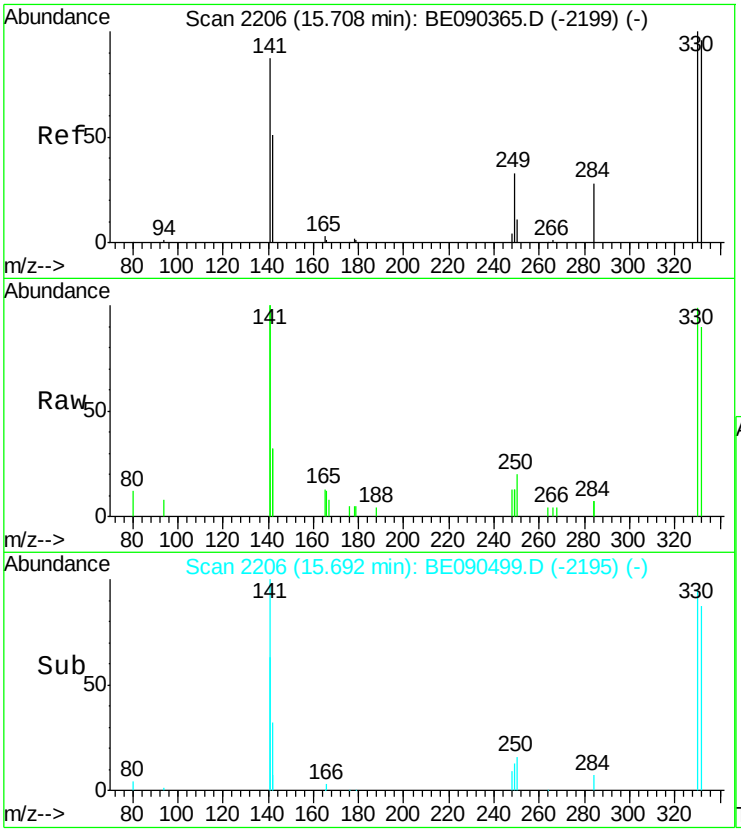


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:164 Resp: 66325

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.8	122.8
160	51.3	44.2	66.4



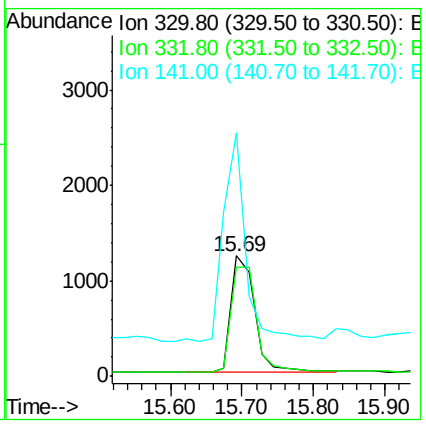


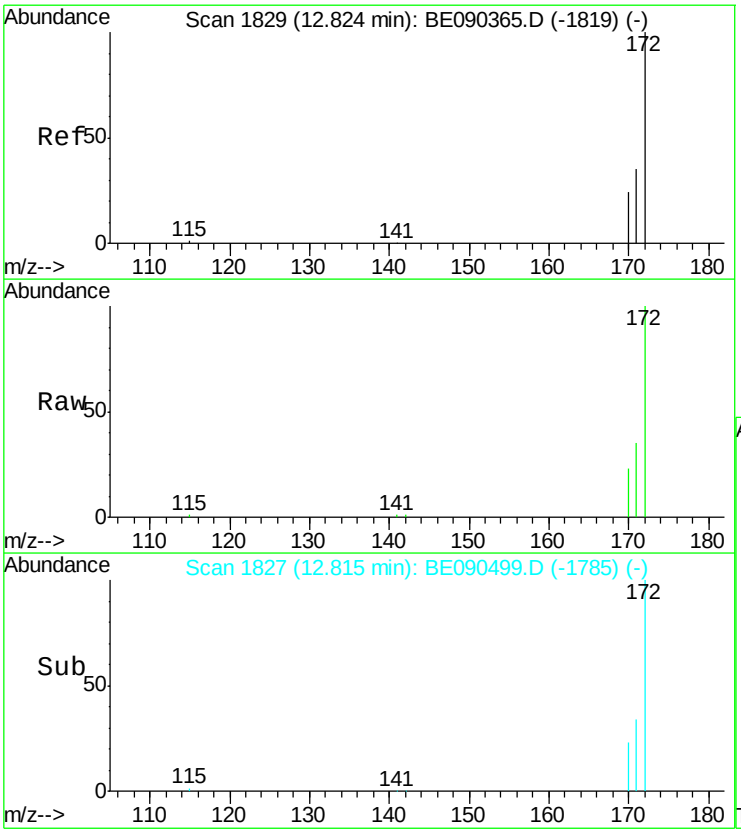
#13
2,4,6-Tribromophenol
Concen: 2.14 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2751

Ion	Ratio	Lower	Upper
330	100		
332	98.8	75.8	113.6
141	168.3	114.4	171.6

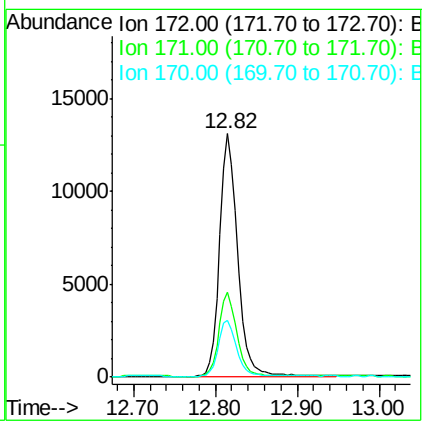


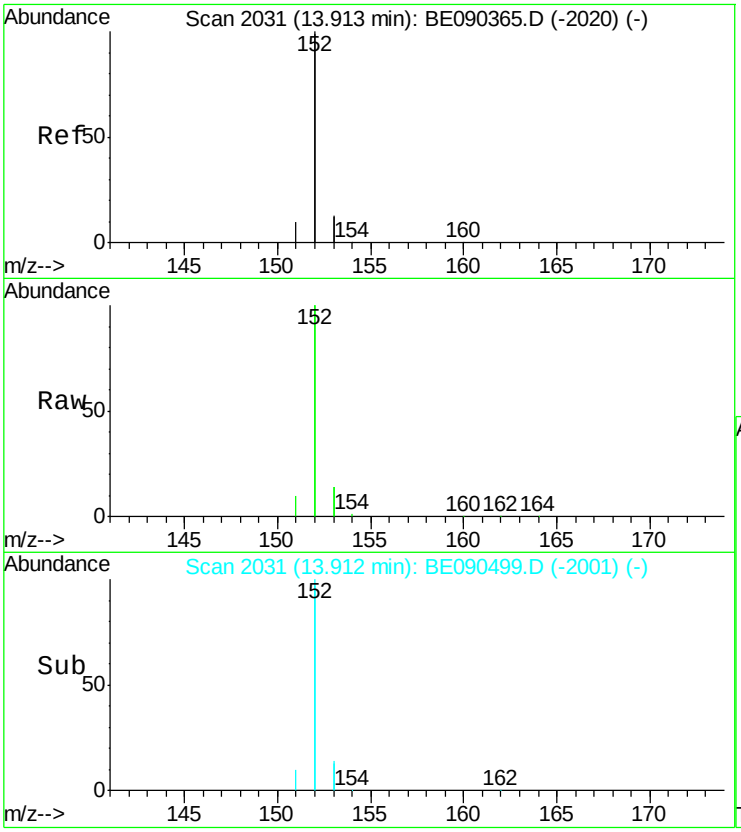


#14
2-Fluorobiphenyl
Concen: 1.09 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:172 Resp: 19931

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.3	19.8	29.8



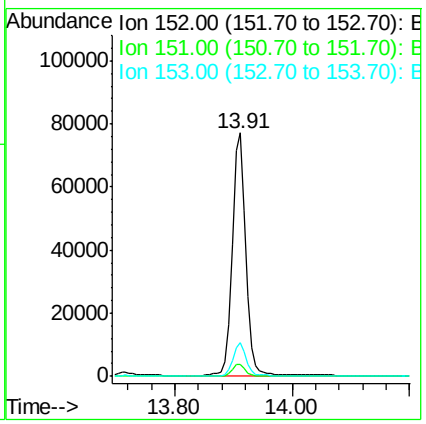


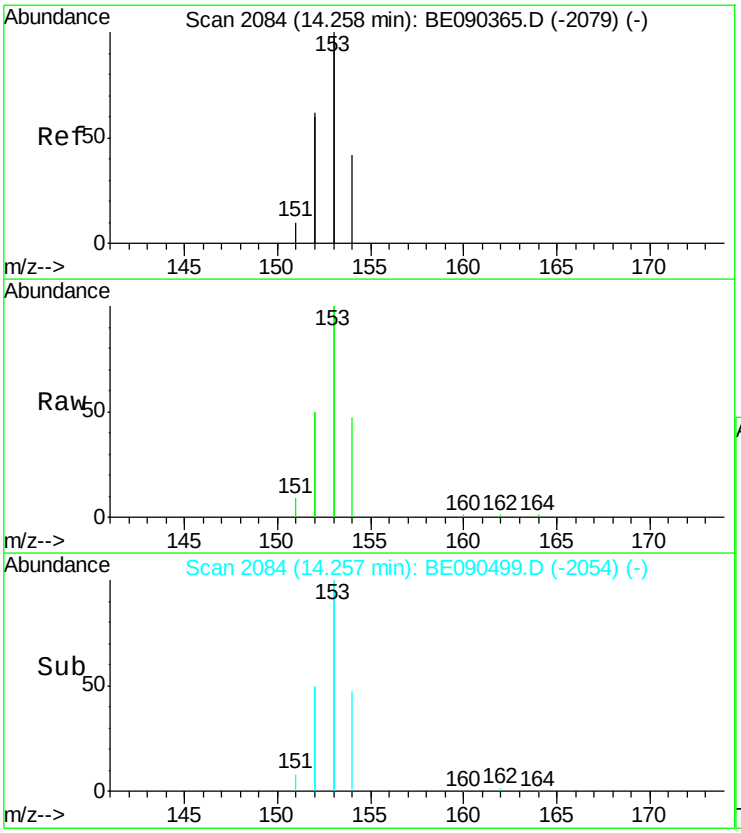
#15
Acenaphthylene
Concen: 1.13 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 120925

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.1	10.3	15.5

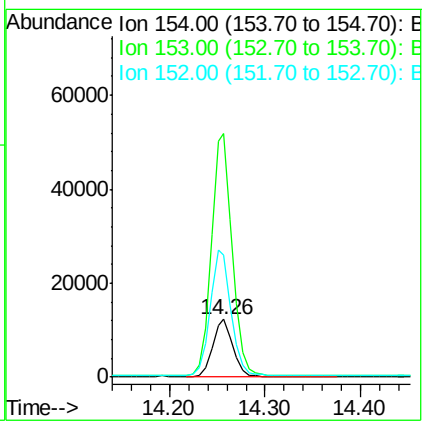


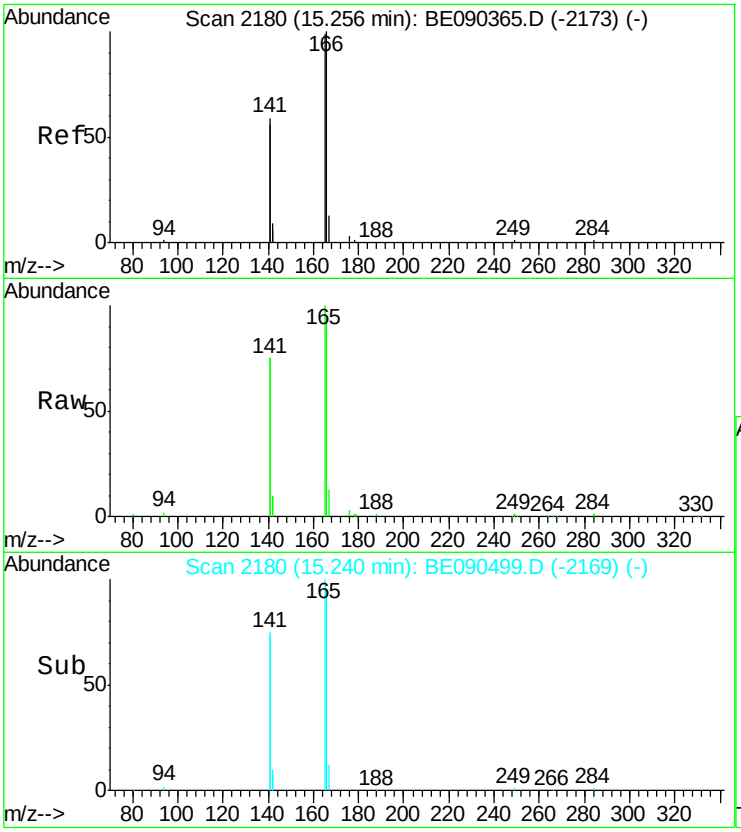


#16
Acenaphthene
Concen: 1.09 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:154 Resp: 18195

Ion	Ratio	Lower	Upper
154	100		
153	433.6	376.2	564.2
152	227.4	235.0	352.4#



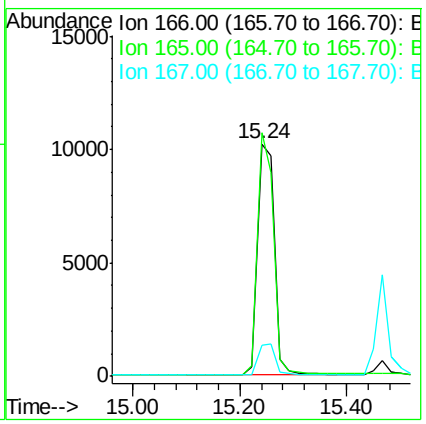


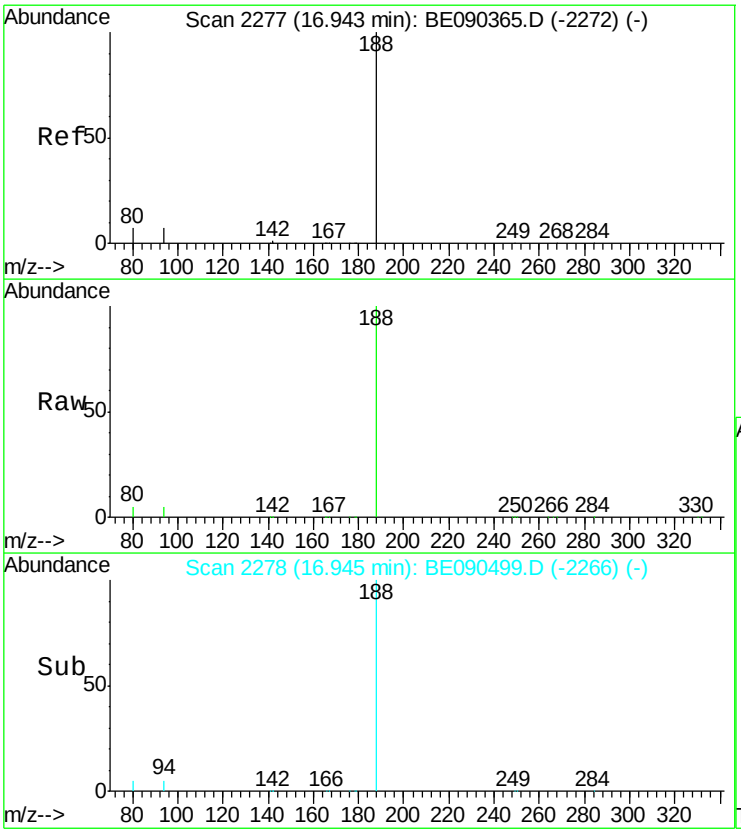
#17
Fluorene
Concen: 1.03 ng
RT: 15.24 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 22325

Ion	Ratio	Lower	Upper
166	100		
165	98.4	81.5	122.3
167	14.2	11.4	17.0

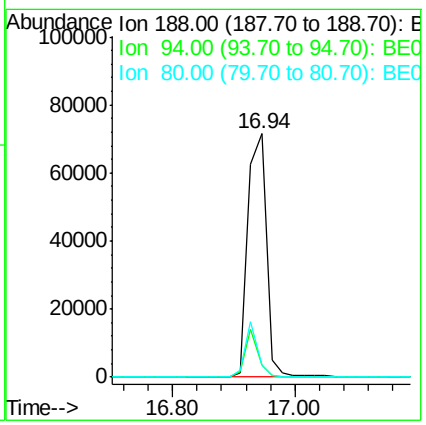


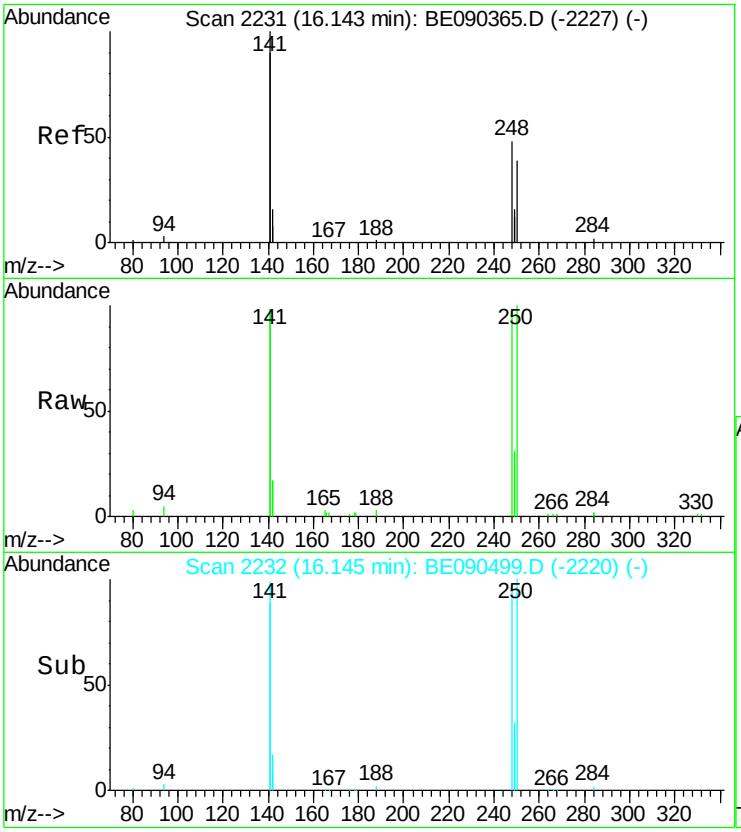


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:188 Resp: 149729

Ion	Ratio	Lower	Upper
188	100		
94	4.7	5.7	8.5#
80	4.7	5.8	8.8#



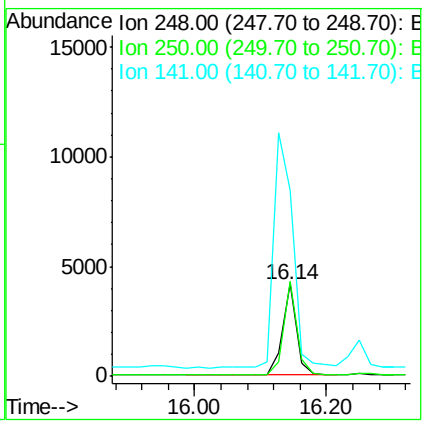


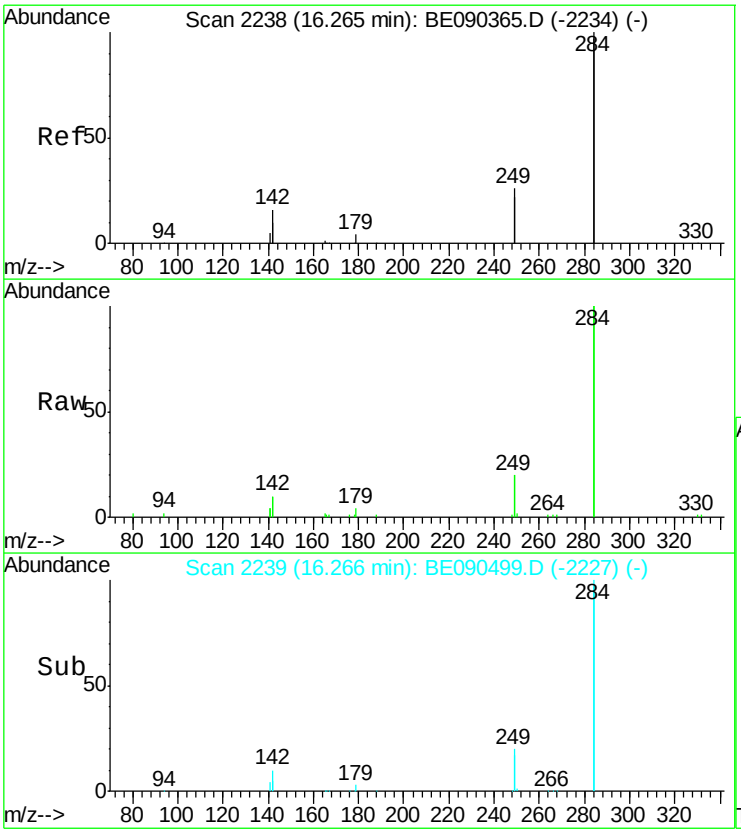
#19
4-Bromophenyl-phenylether
Concen: 1.06 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 6172

Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.0	118.6
141	342.1	239.5	359.3

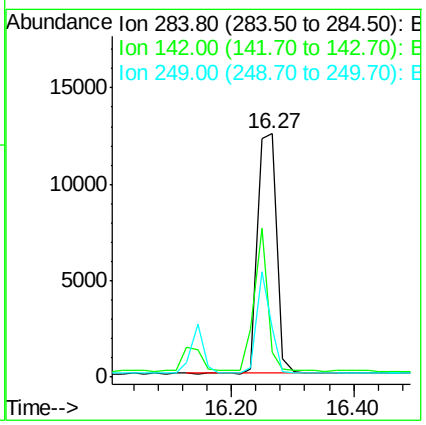


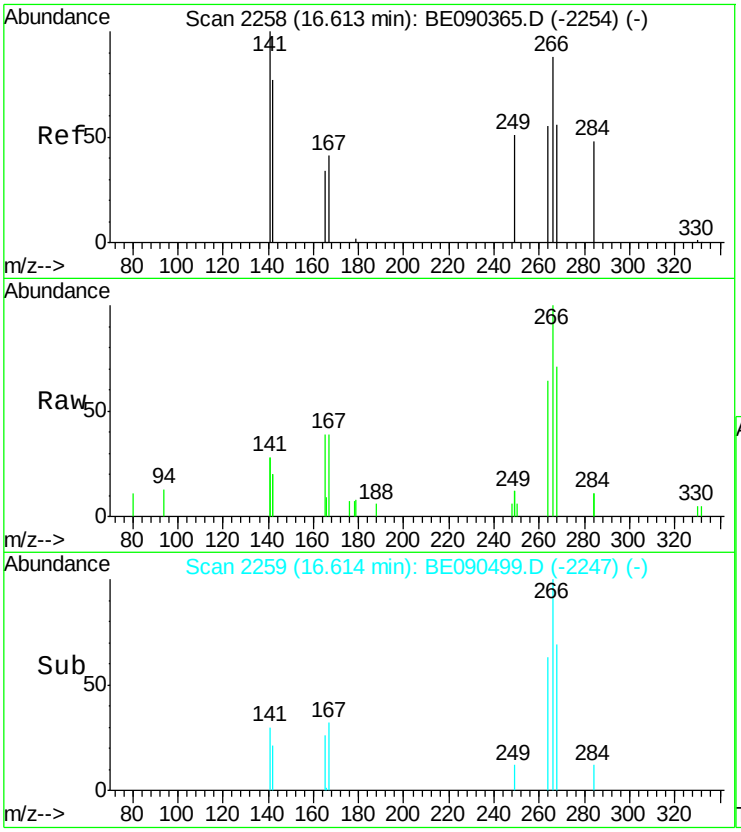


#20
Hexachlorobenzene
Concen: 0.90 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:284 Resp: 27065

Ion	Ratio	Lower	Upper
284	100		
142	41.2	30.1	45.1
249	31.0	25.7	38.5



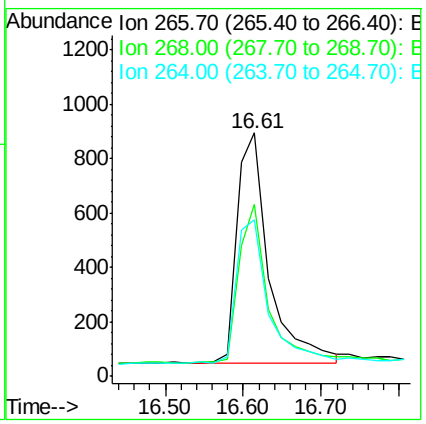


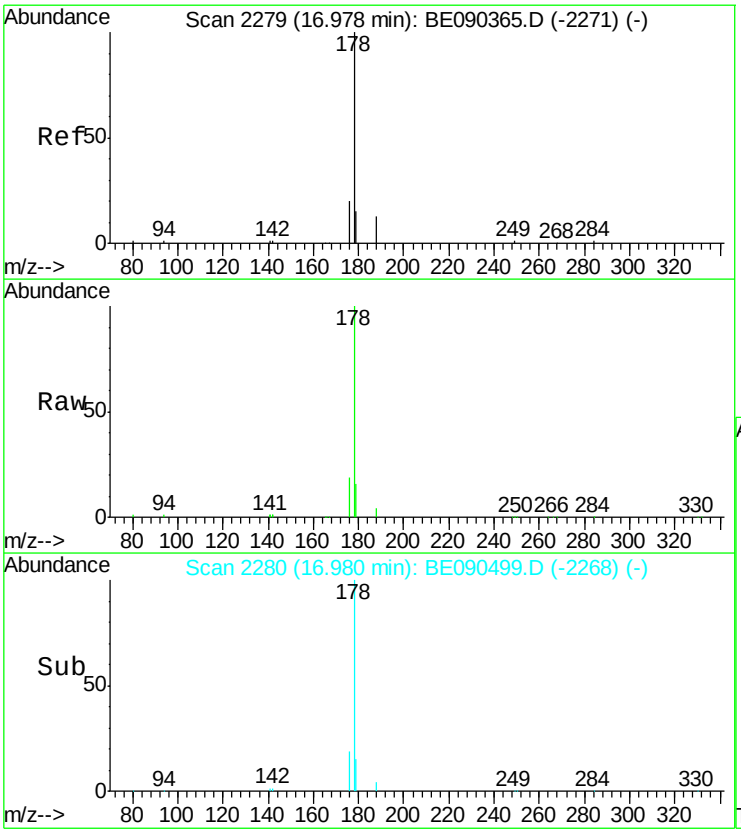
#21
Pentachlorophenol
Concen: 2.02 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 2427

Ion	Ratio	Lower	Upper
266	100		
268	70.5	58.5	87.7
264	64.5	56.0	84.0

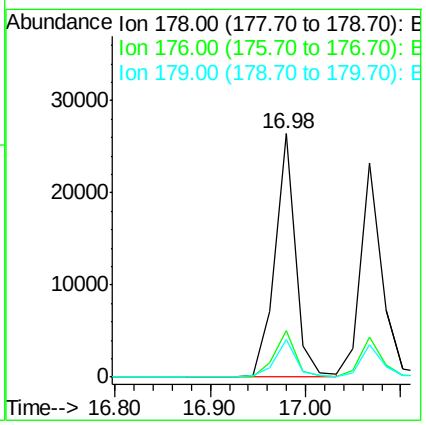


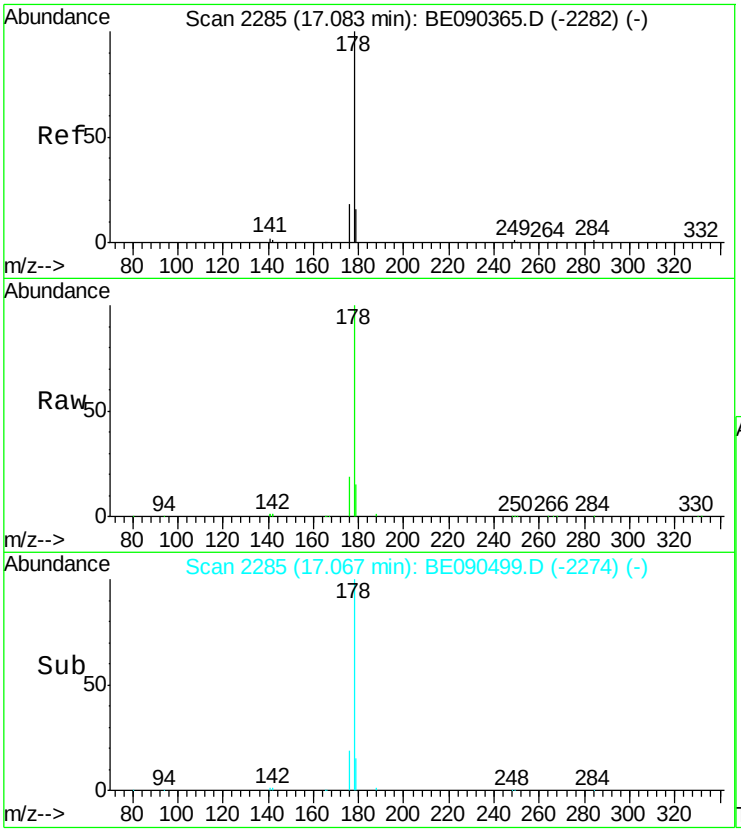


#22
Phenanthrene
Concen: 1.04 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:178 Resp: 39020

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.5	18.7



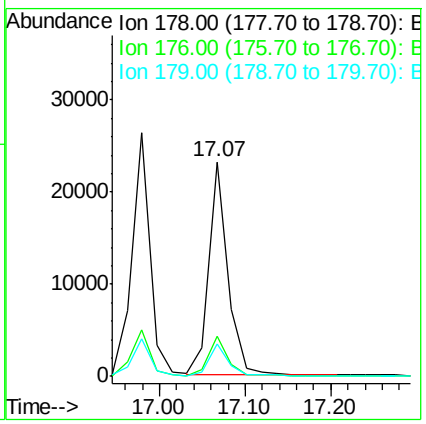


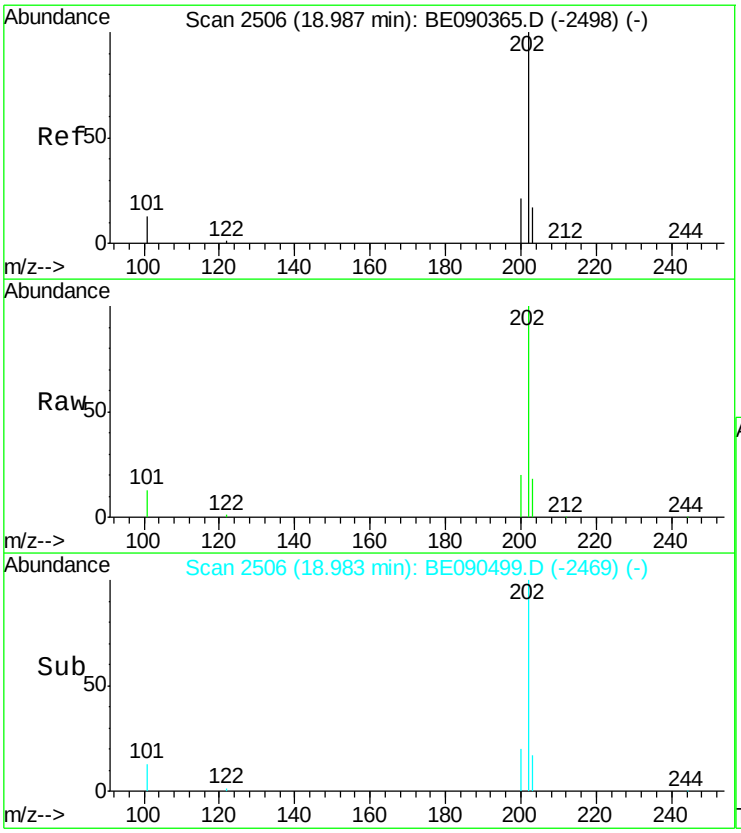
#23
Anthracene
Concen: 1.18 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 36212

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.0	12.2	18.4

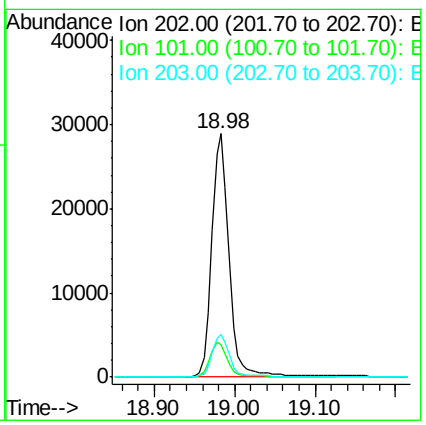


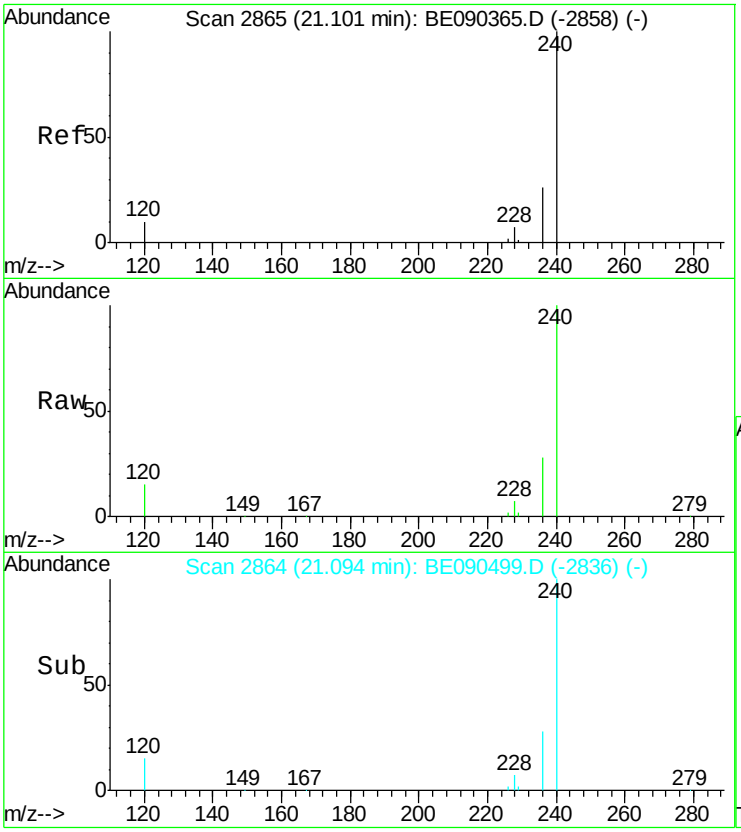


#24
Fluoranthene
Concen: 1.15 ng
RT: 18.98 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:202 Resp: 42512

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.3	15.5
203	17.4	13.7	20.5



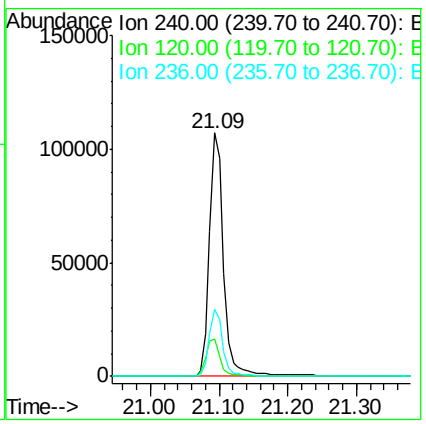


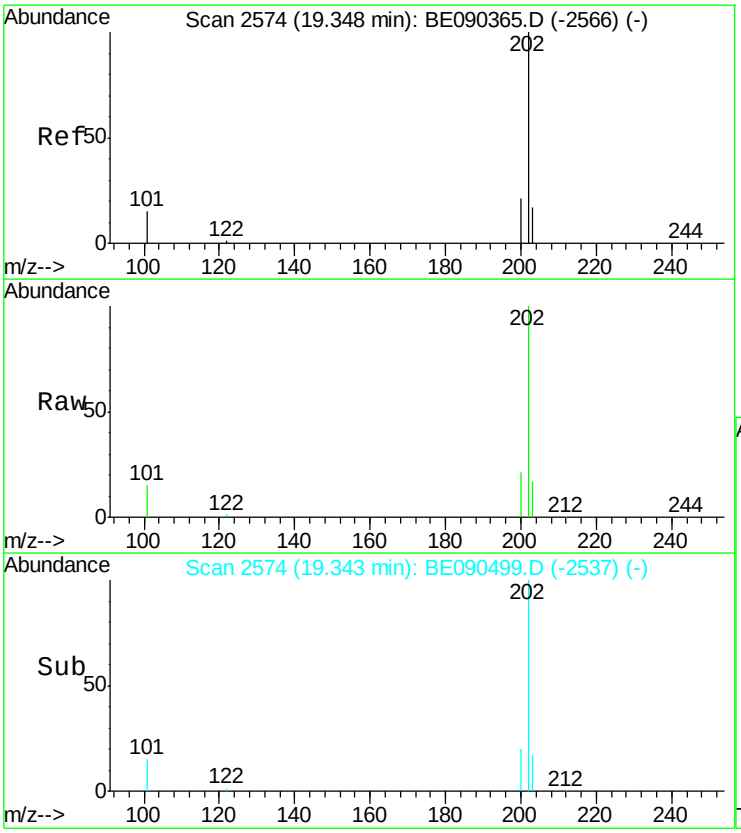
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 153198

Ion	Ratio	Lower	Upper
240	100		
120	15.3	8.3	12.5#
236	27.6	21.0	31.4

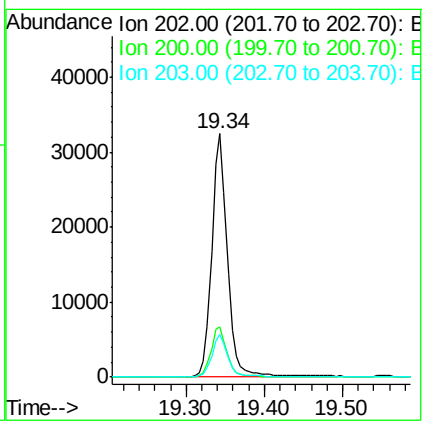


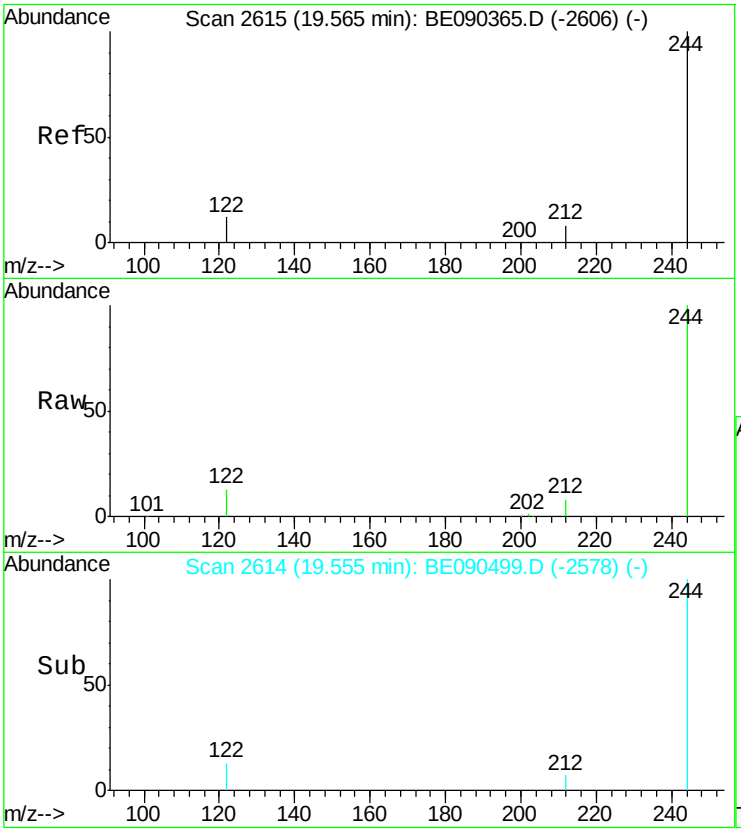


#26
Pyrene
Concen: 1.34 ng
RT: 19.34 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:202 Resp: 44384

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	13.8	20.8



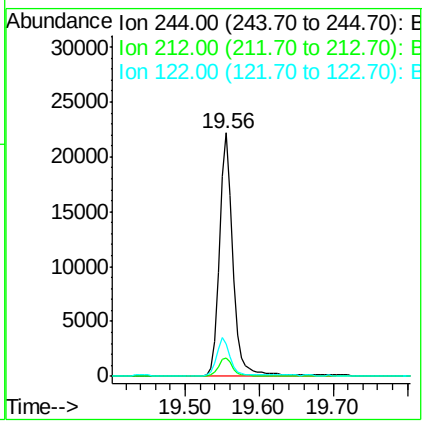


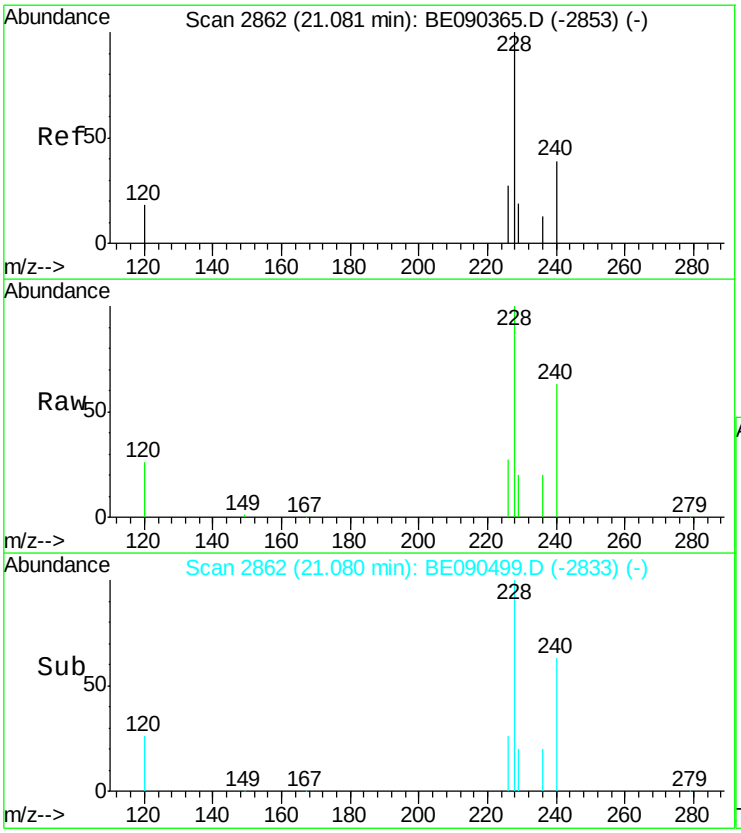
#27
Terphenyl-d14
Concen: 1.26 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 28333

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	13.2	10.2	15.4

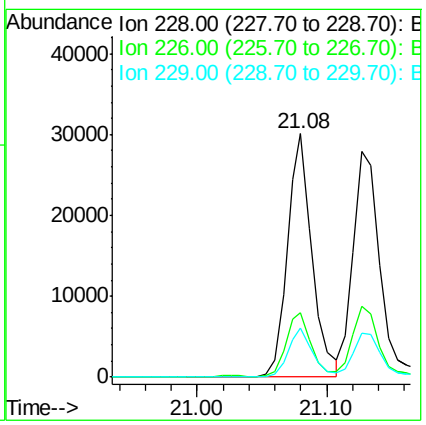


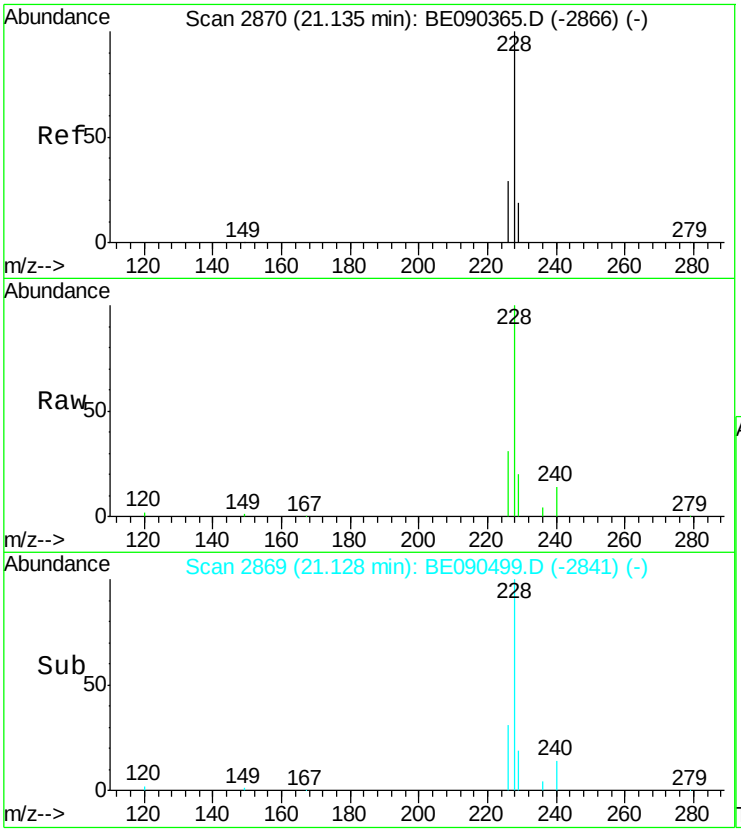


#28
Benzo(a)anthracene
Concen: 1.17 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:228 Resp: 39728

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	20.2	15.4	23.0



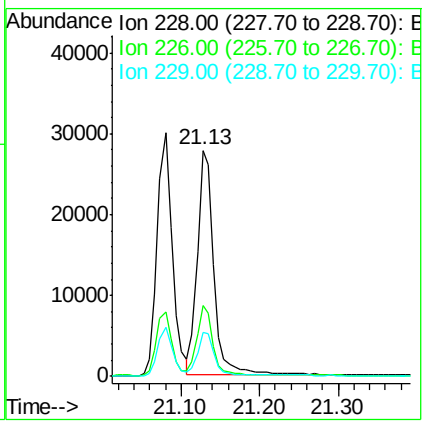


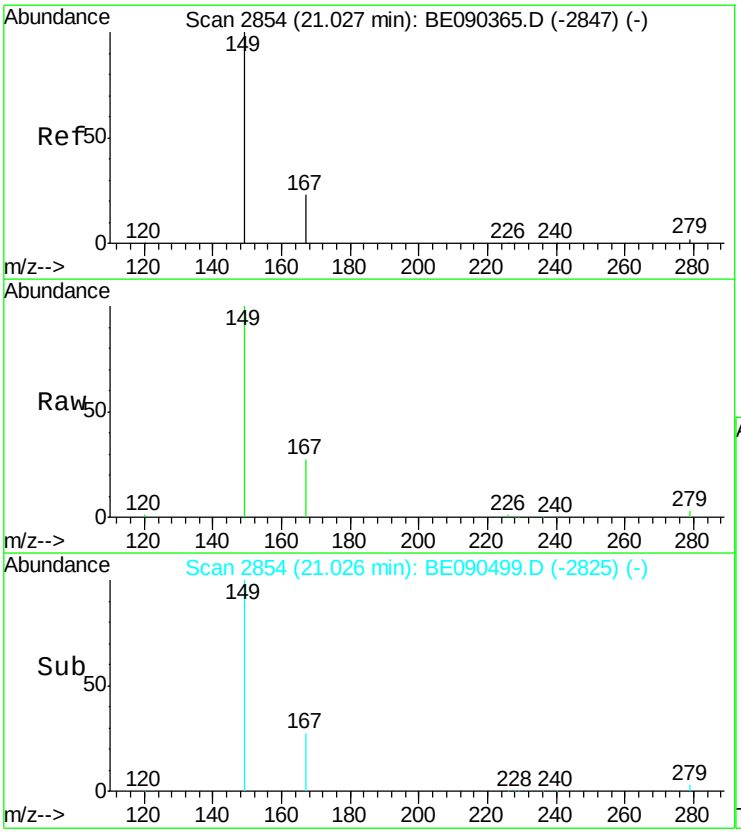
#29
Chrysene
Concen: 1.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 40961

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.1	34.7
229	19.5	15.8	23.8

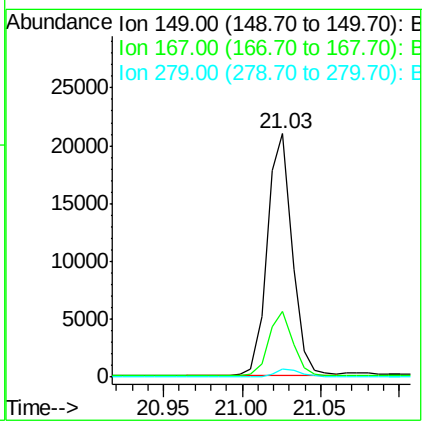


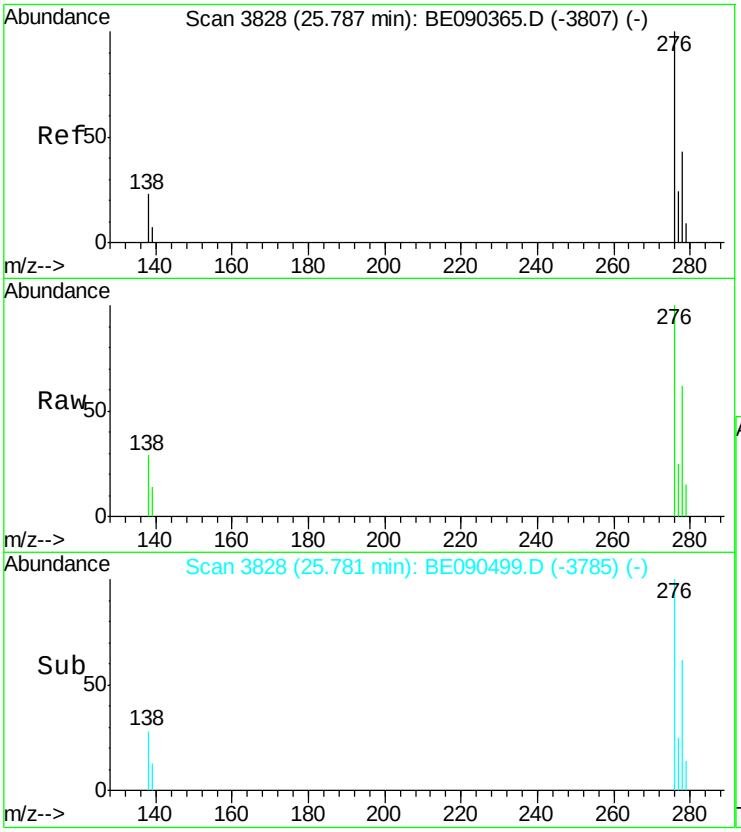


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.38 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:149 Resp: 22853

Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.1	2.4	3.6



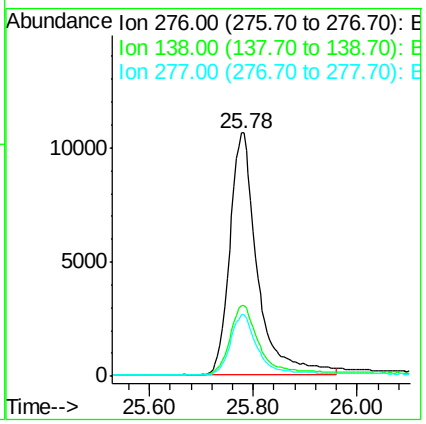


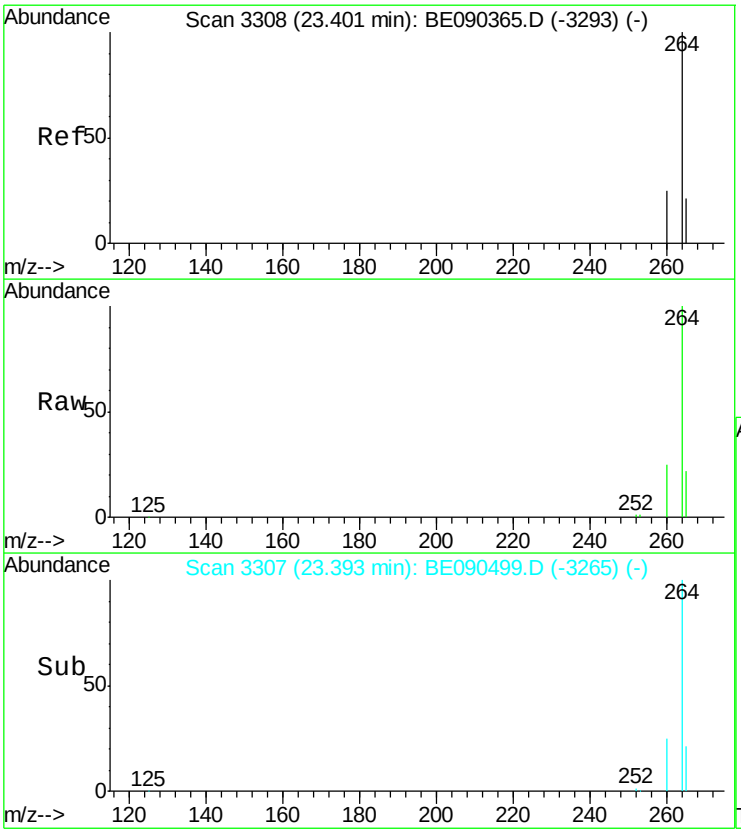
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.26 ng
RT: 25.78 min Scan# 3828
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 39268

Ion	Ratio	Lower	Upper
276	100		
138	29.9	18.8	28.2#
277	24.7	18.2	27.4

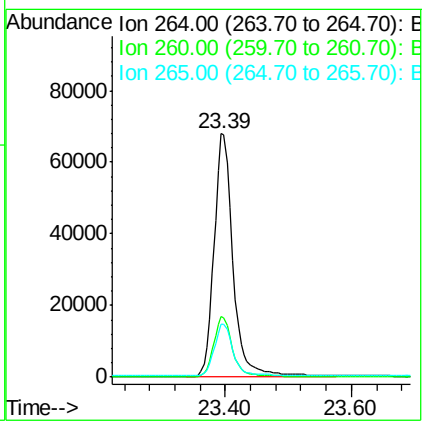


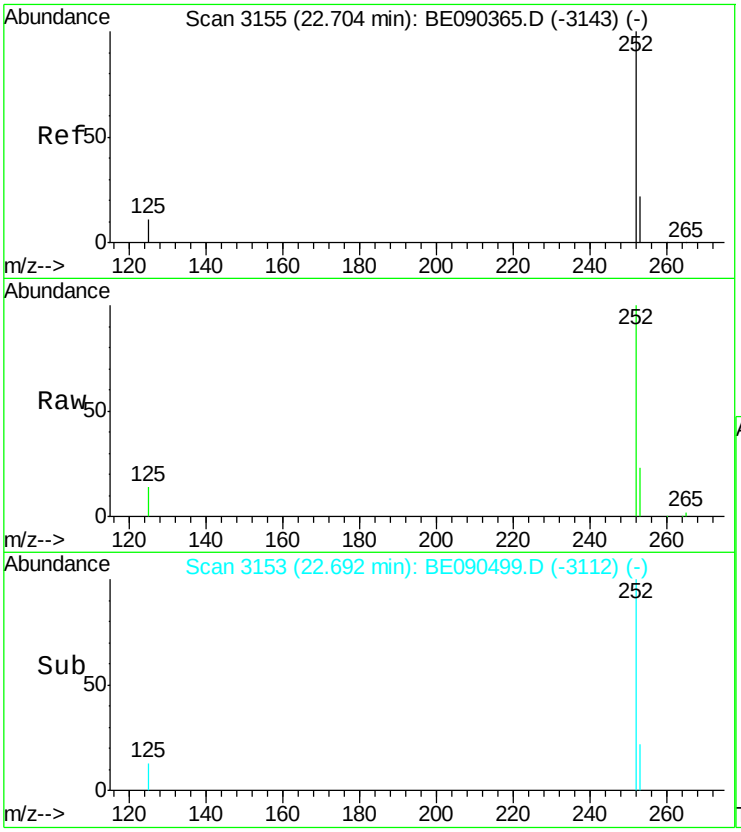


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3307
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:264 Resp: 142661

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.7	17.2	25.8



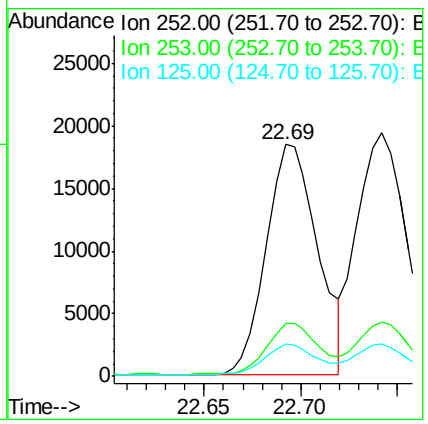


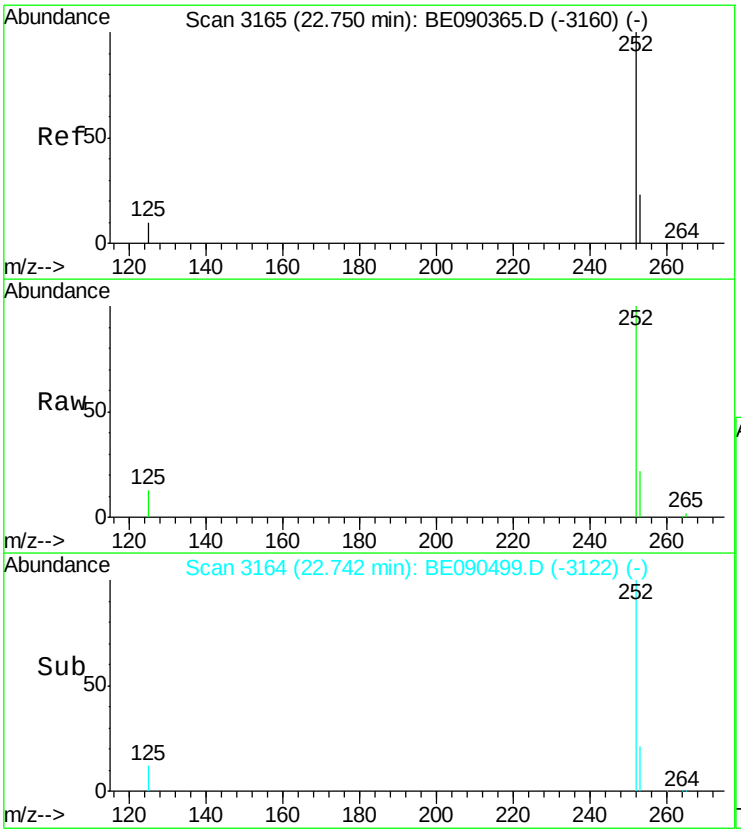
#33
Benzo(b)fluoranthene
Concen: 1.22 ng
RT: 22.69 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34301

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.9	9.4	14.2

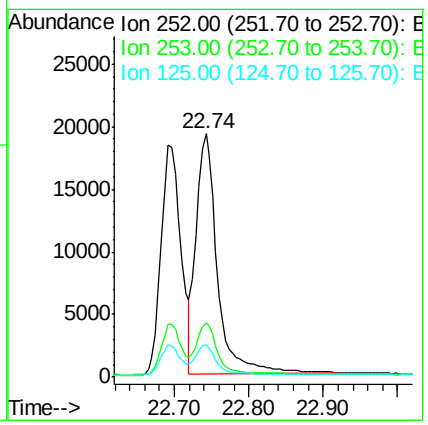


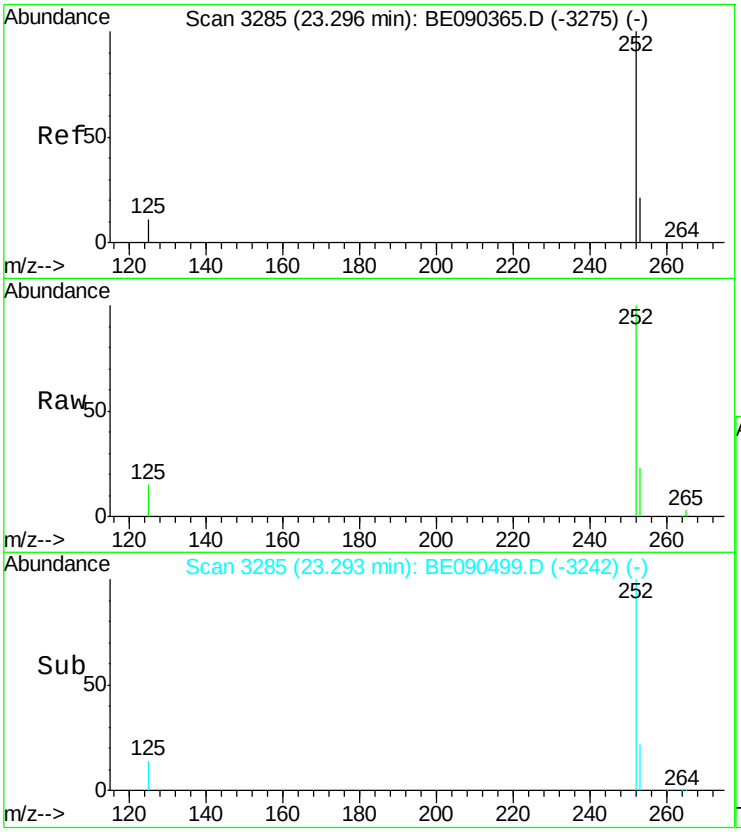


#34
Benzo(k)fluoranthene
Concen: 0.97 ng
RT: 22.74 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:252 Resp: 38513

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.3	9.1	13.7



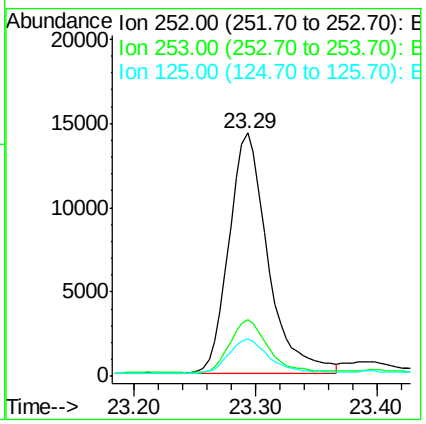


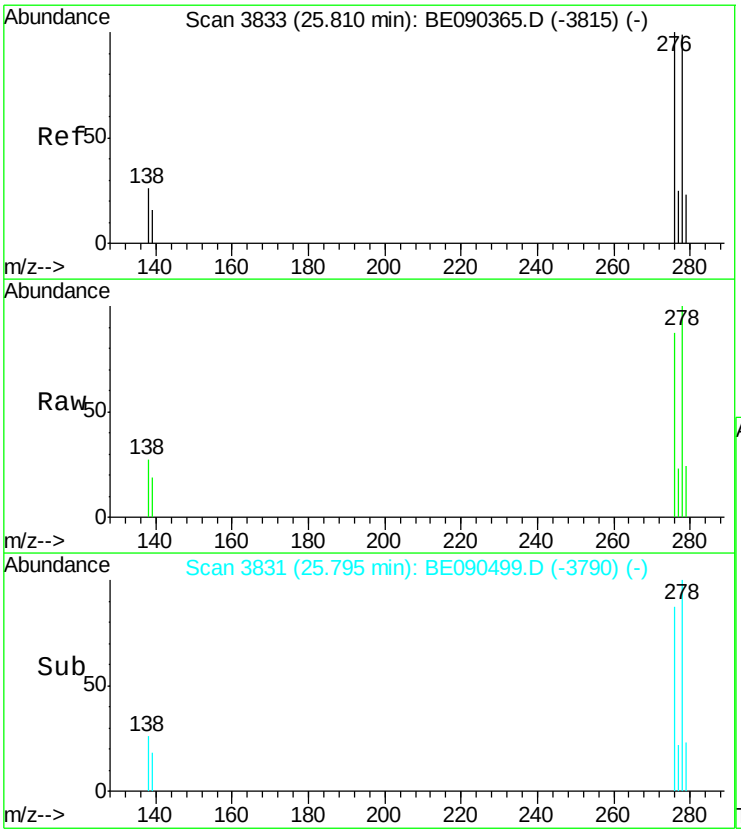
#35
Benzo(a)pyrene
Concen: 1.22 ng
RT: 23.29 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 31741

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	15.3	9.8	14.6#

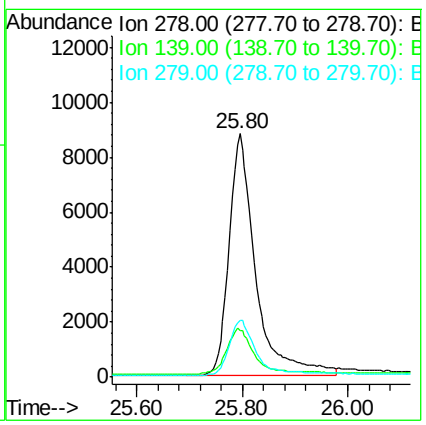


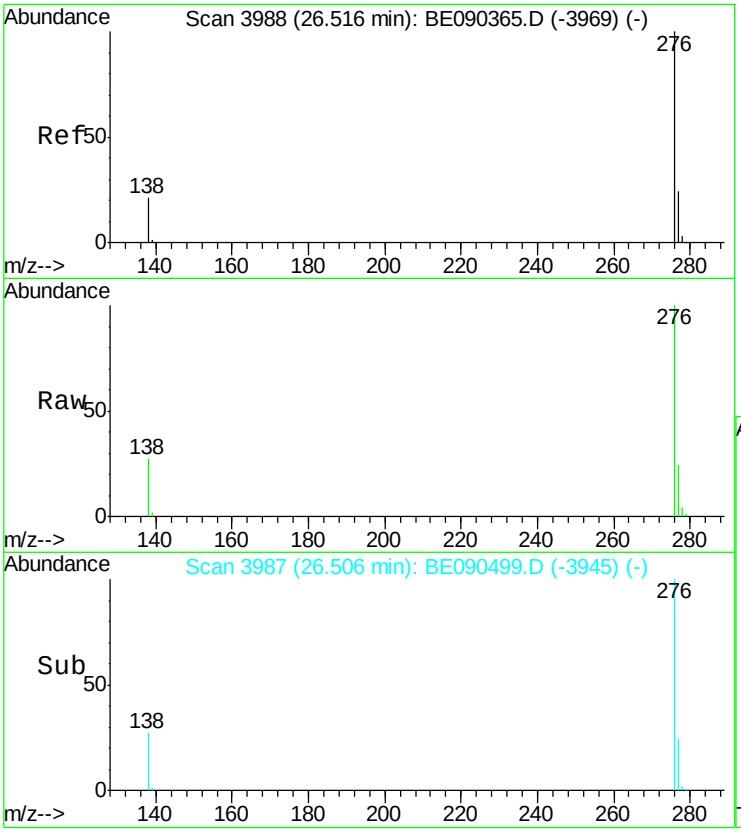


#36
Dibenzo(a,h)anthracene
Concen: 1.25 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Tgt Ion:278 Resp: 30689

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.2	21.4
279	23.5	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.29 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.01 min
Lab File: BE090499.D
Acq: 13 Aug 2015 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34012

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.1	30.1
138	27.4	18.1	27.1#