Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090534.D
Acq On : 17 Aug 2015 15:48
Operator : UM/IZ
Sample : PB85049BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 18 04:34:43 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23836	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	120427	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	66115	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	141760	5.00	ng		0.00
25) Chrysene-d12	21.09	240	150925	5.00	ng		0.00
32) Perylene-d12	23.40	264	141989	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	49540	7.19	ng		0.00
5) Phenol-d6	6.77	99	76335	7.53	ng		0.00
7) Nitrobenzene-d5	8.72	82	35371	3.69	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	20851	8.19	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	67659	3.43	ng		0.00
27) Terphenyl-d14	19.55	244	95296	3.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	9088	3.34	ng		96
3) n-Nitrosodimethylamine	3.49	42	12613	3.07	ng	#	69
8) Nitrobenzene	8.76	77	34106	3.43	ng		94
9) Naphthalene	10.38	128	84123	3.07	ng		98
10) Hexachlorobutadiene	10.68	225	12268	3.05	ng		100
11) 2-Methylnaphthalene	12.00	142	57845	3.25	ng		98
15) Acenaphthylene	13.91	152	382739	3.17	ng		100
16) Acenaphthene	14.26	154	57471	3.16	ng	#	77
17) Fluorene	15.24	166	73468	3.30	ng		97
19) 4-Bromophenyl-phenylether	16.14	248	19974	3.45	ng		83
20) Hexachlorobenzene	16.27	284	86915	3.38	ng		96
21) Pentachlorophenol	16.61	266	18287	5.89	ng		90
22) Phenanthrene	16.98	178	119412	3.21	ng		100
23) Anthracene	17.07	178	119694	3.49	ng		99
24) Fluoranthene	18.98	202	137260	3.47	ng		99
26) Pyrene	19.34	202	144768	3.35	ng		99
28) Benzo(a)anthracene	21.08	228	132823	3.34	ng		99
29) Chrysene	21.13	228	133820	3.30	ng		97
30) Bis(2-ethylhexyl)phthalate	21.03	149	92620	3.94	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	135275	3.54	ng	#	92
33) Benzo(b)fluoranthene	22.70	252	118280	3.52	ng		98
34) Benzo(k)fluoranthene	22.74	252	133375	3.50	ng		97
35) Benzo(a)pyrene	23.29	252	121530	3.86	ng		98
36) Dibenzo(a,h)anthracene	25.80	278	109271	3.60	ng		97
37) Benzo(g,h,i)perylene	26.51	276	119537	3.60	ng		96

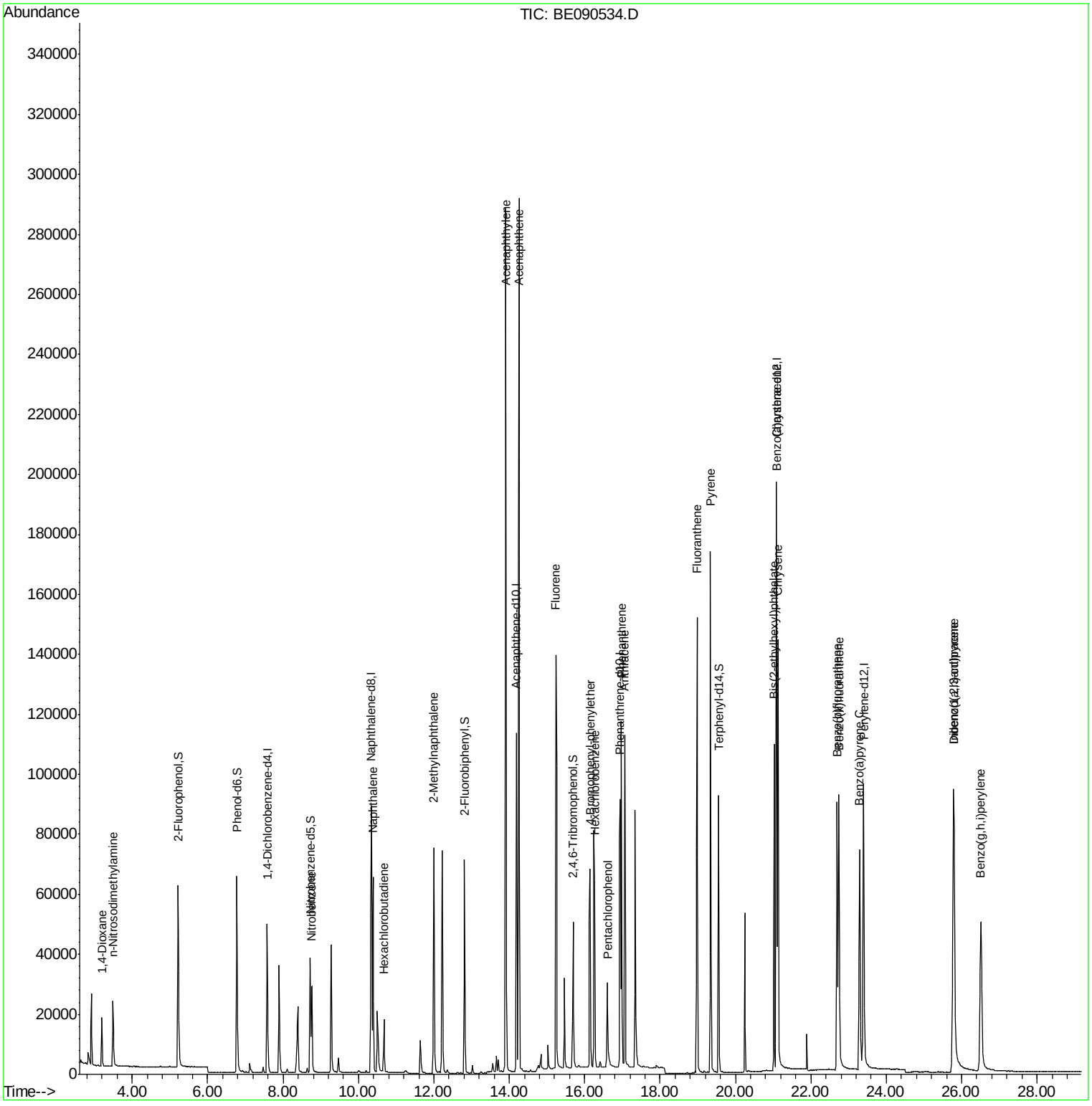
(#) = qualifier out of range (m) = manual integration (+) = signals summed

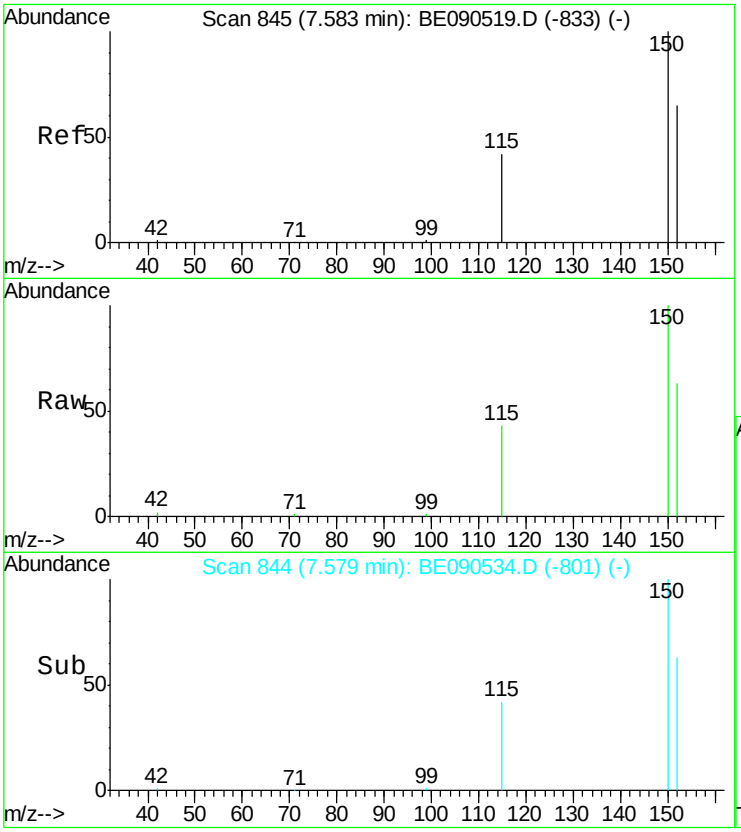
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090534.D
Acq On : 17 Aug 2015 15:48
Operator : UM/IZ
Sample : PB85049BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 18 04:34:43 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



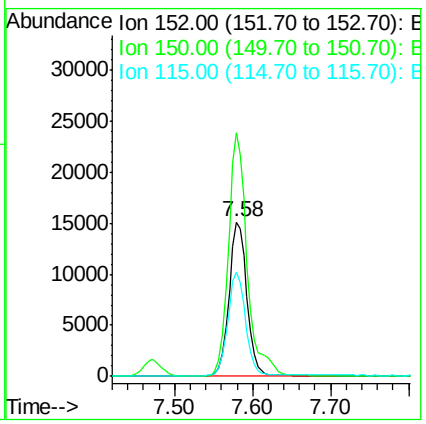


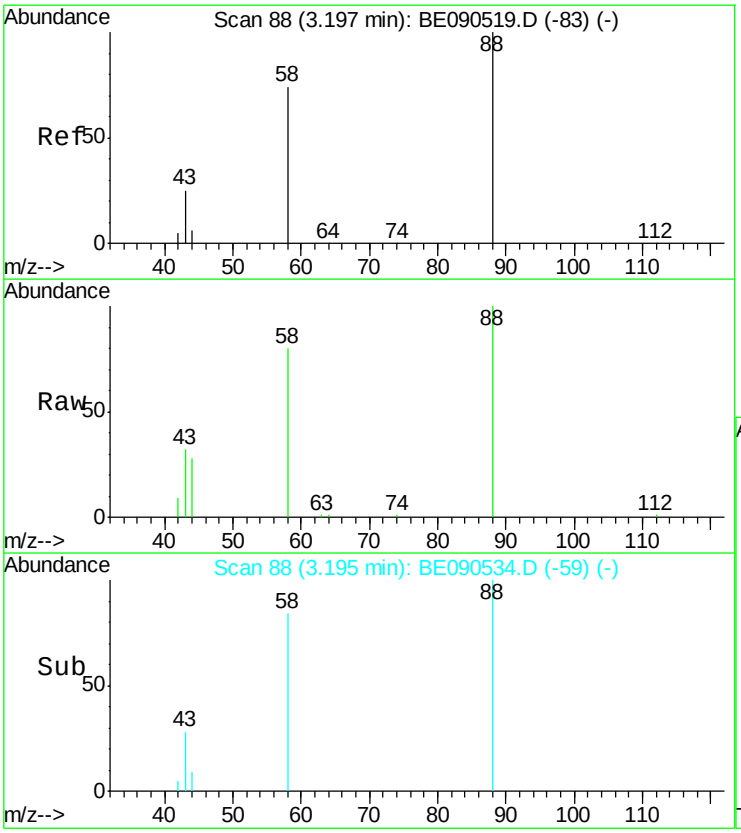
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 23836

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.0	184.4
115	67.1	48.9	73.3

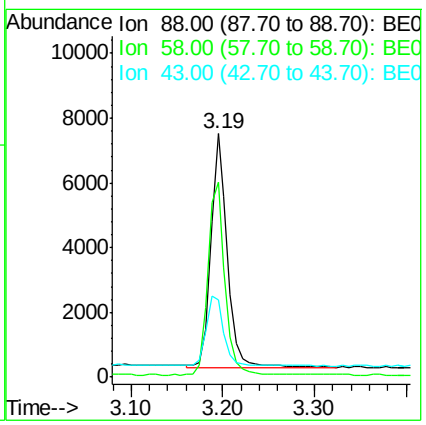


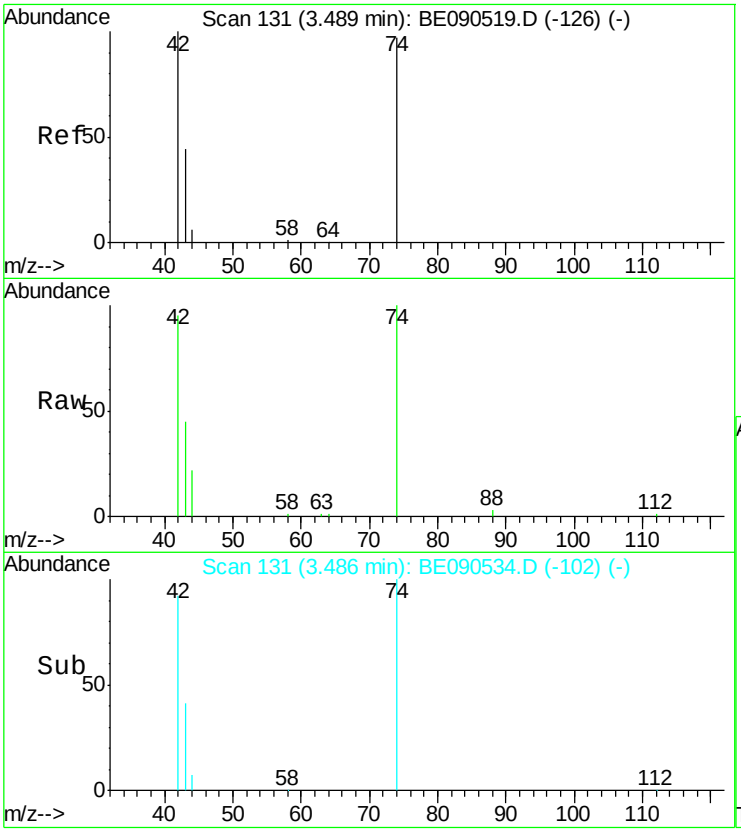


#2
1,4-Dioxane
Concen: 3.34 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion: 88 Resp: 9088

Ion	Ratio	Lower	Upper
88	100		
58	85.2	70.0	105.0
43	31.4	28.4	42.6



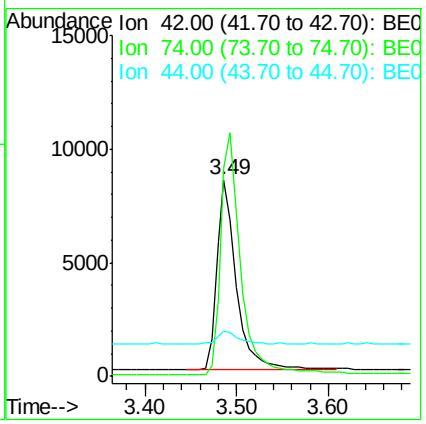


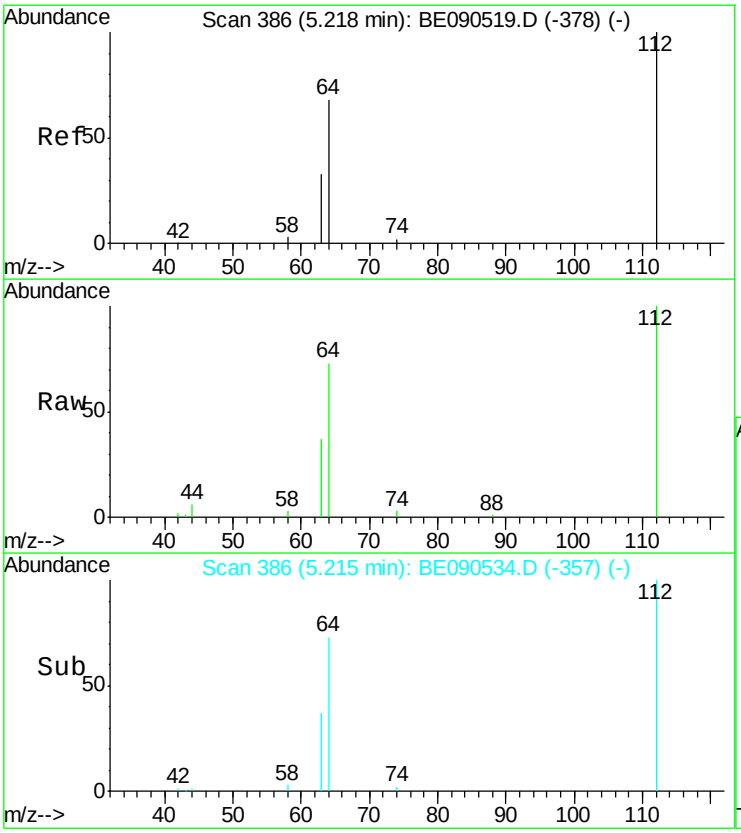
#3
n-Nitrosodimethylamine
Concen: 3.07 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 12613

Ion	Ratio	Lower	Upper
42	100		
74	126.3	75.2	112.8#
44	7.4	8.7	13.1#

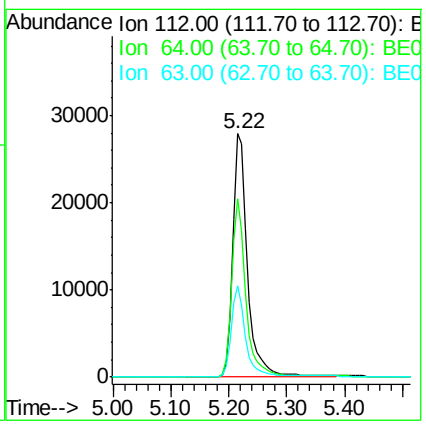


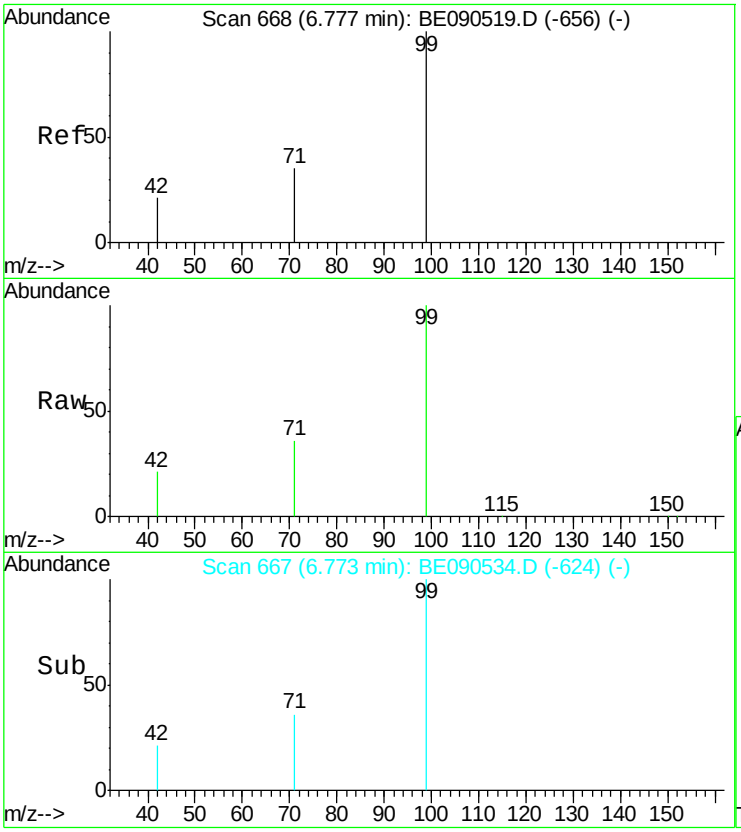


#4
2-Fluorophenol
Concen: 7.19 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:112 Resp: 49540

Ion	Ratio	Lower	Upper
112	100		
64	70.3	37.1	55.7#
63	35.8	19.5	29.3#



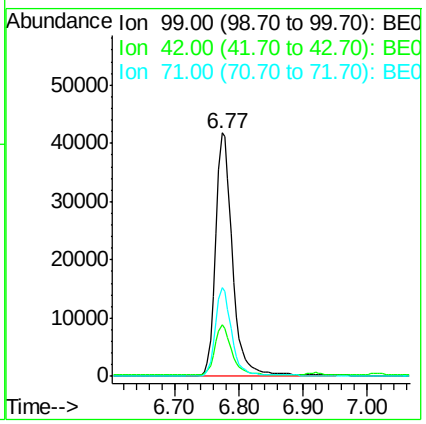


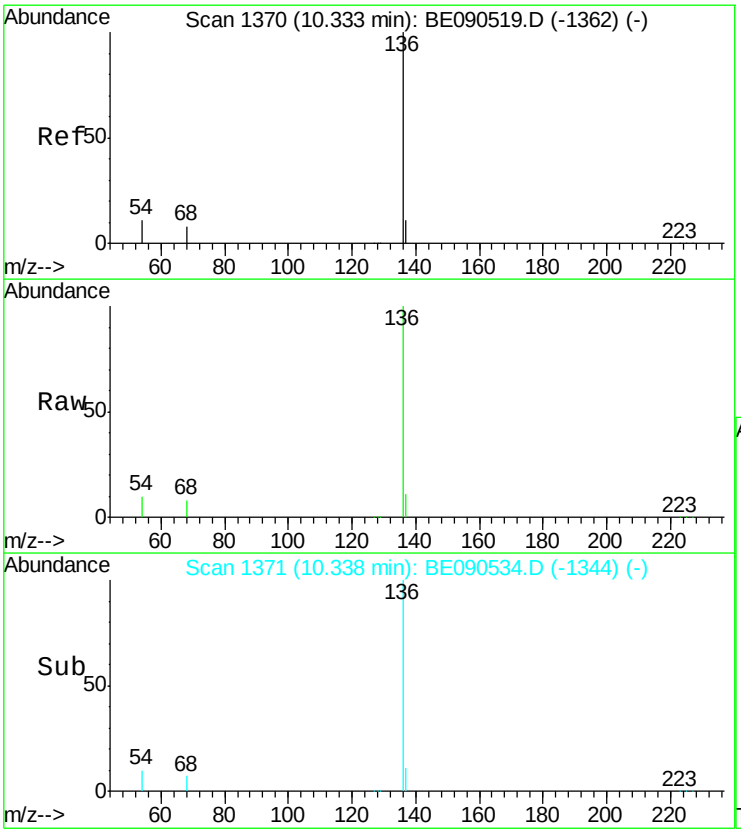
#5
Phenol-d6
Concen: 7.53 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 76335

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.4
71	35.7	27.4	41.0

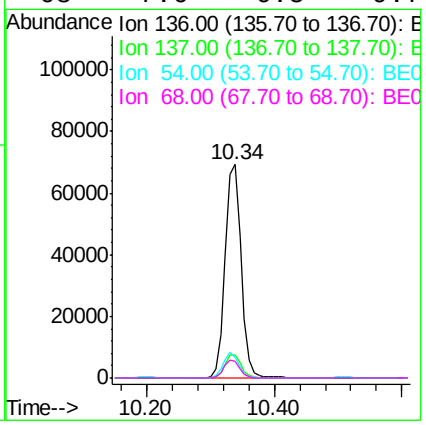


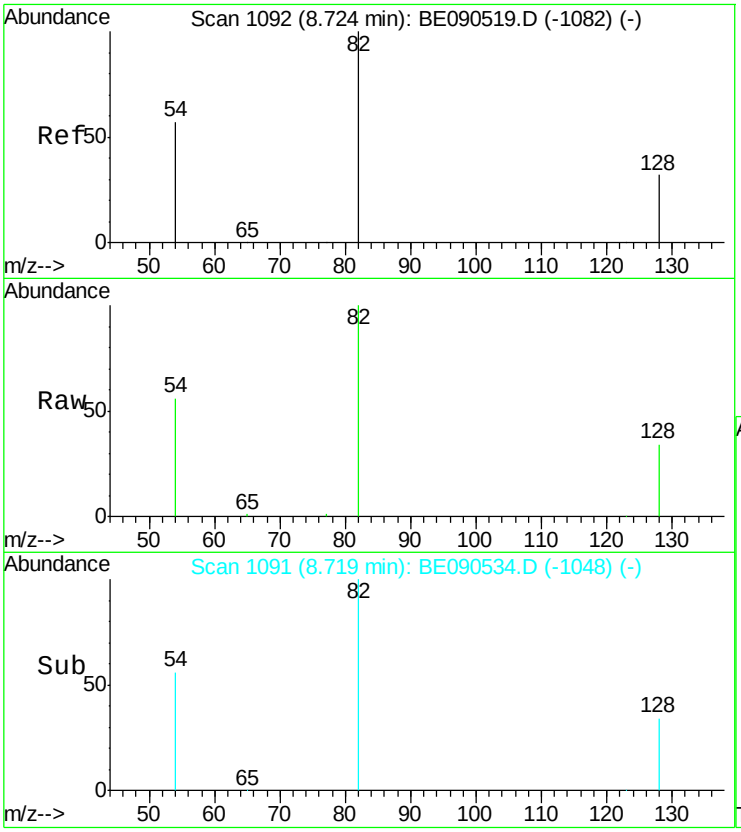


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:136 Resp: 120427

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.9	9.4	14.0
68	7.6	6.5	9.7



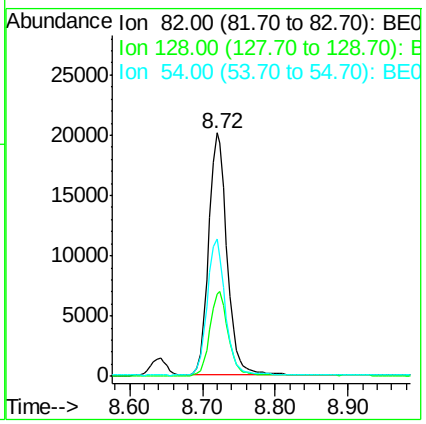


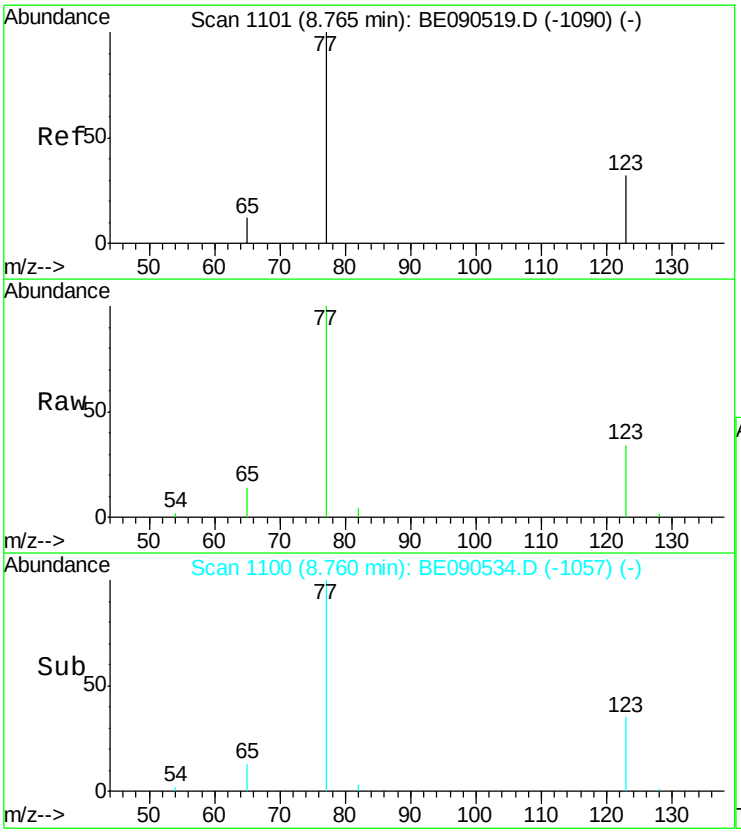
#7
Nitrobenzene-d5
Concen: 3.69 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 35371

Ion	Ratio	Lower	Upper
82	100		
128	33.9	25.0	37.6
54	56.4	48.8	73.2

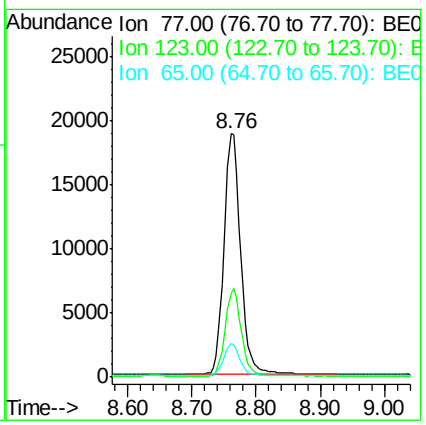


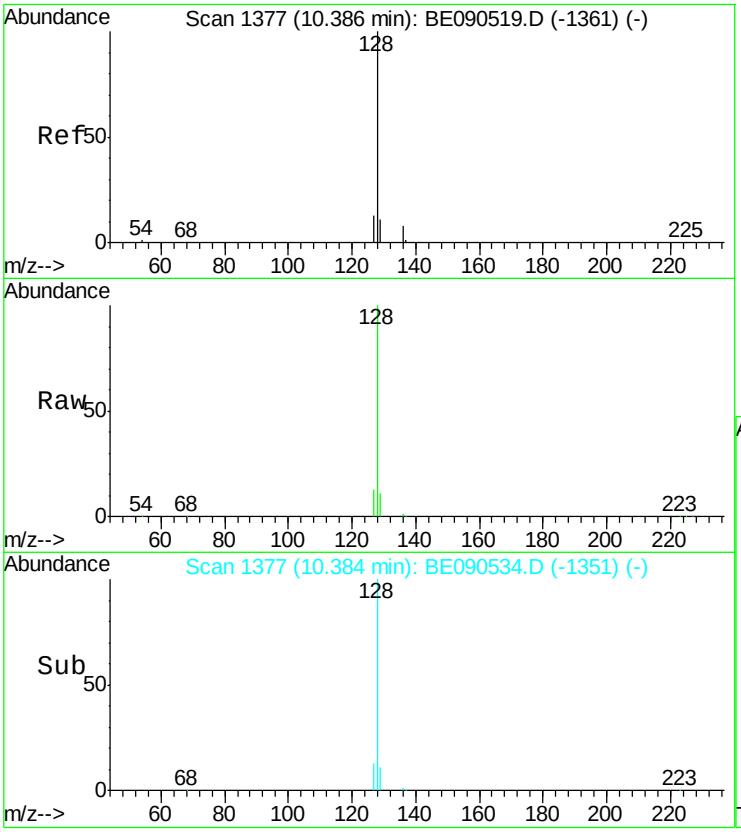


#8
Nitrobenzene
Concen: 3.43 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion: 77 Resp: 34106

Ion	Ratio	Lower	Upper
77	100		
123	35.5	25.1	37.7
65	13.1	9.3	13.9



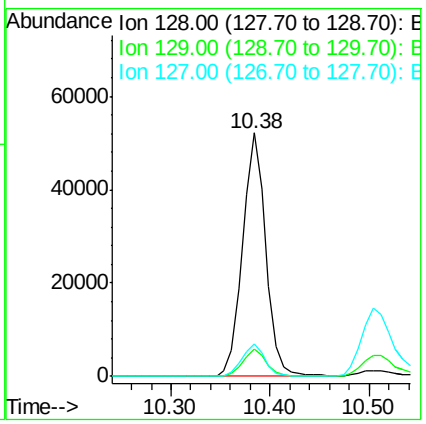


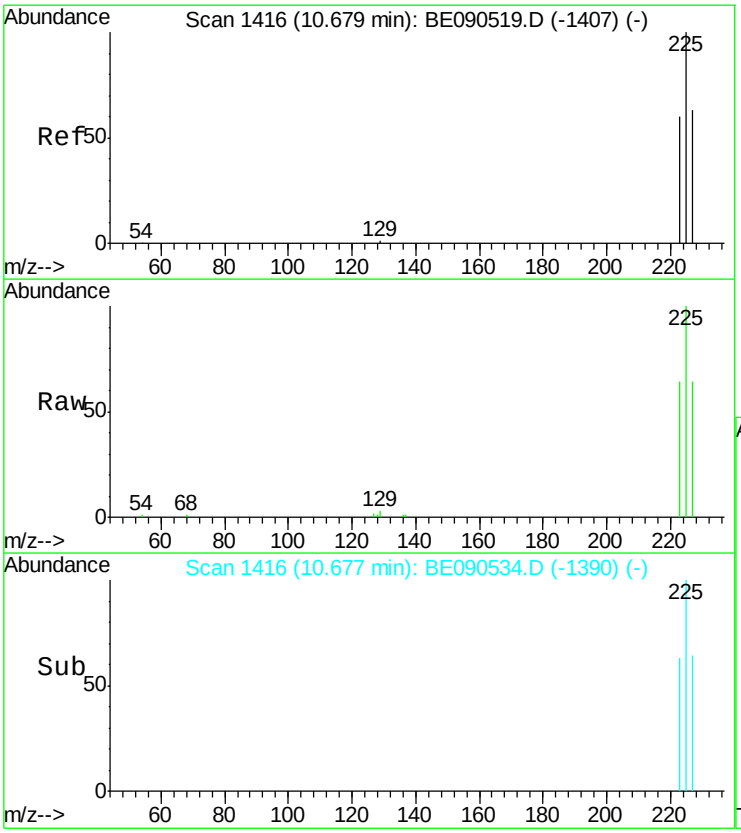
#9
Naphthalene
Concen: 3.07 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 84123

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	13.1	10.6	16.0

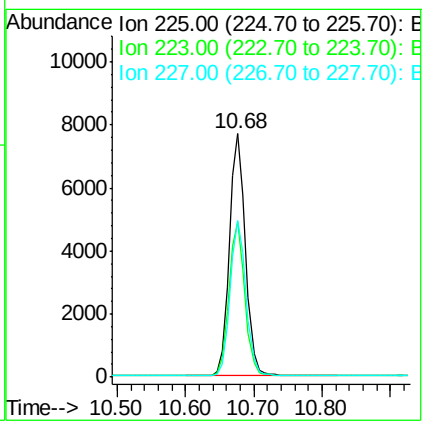


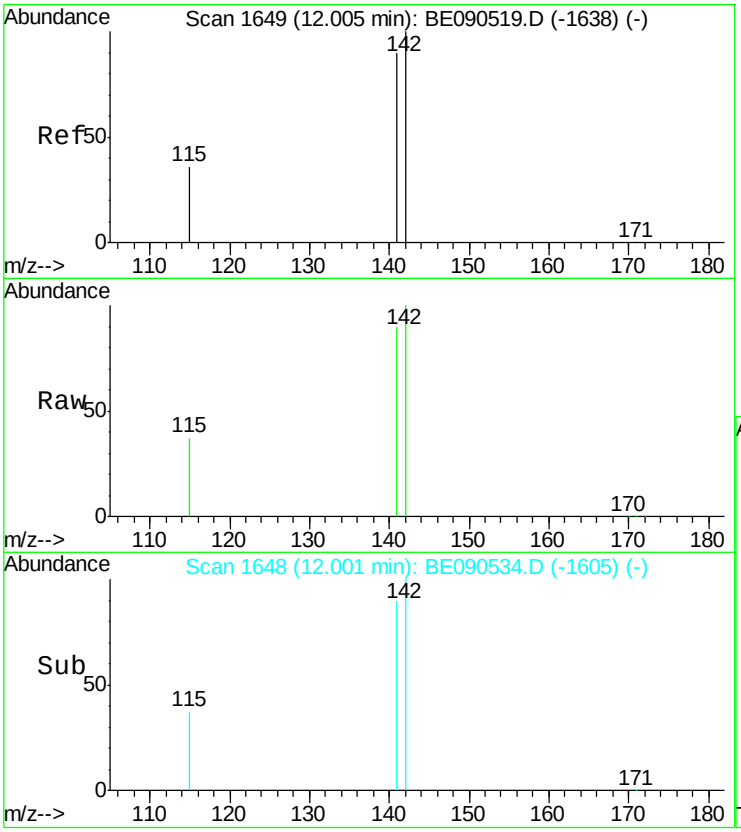


#10
Hexachlorobutadiene
Concen: 3.05 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:225 Resp: 12268

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	75.8
227	63.7	50.7	76.1



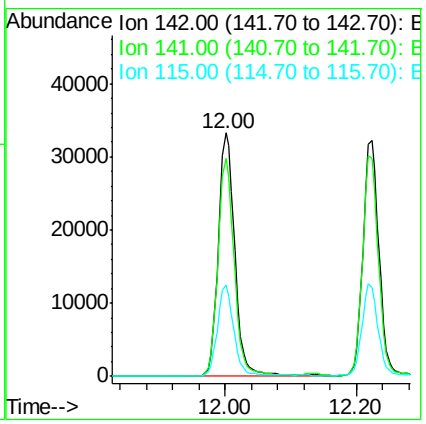


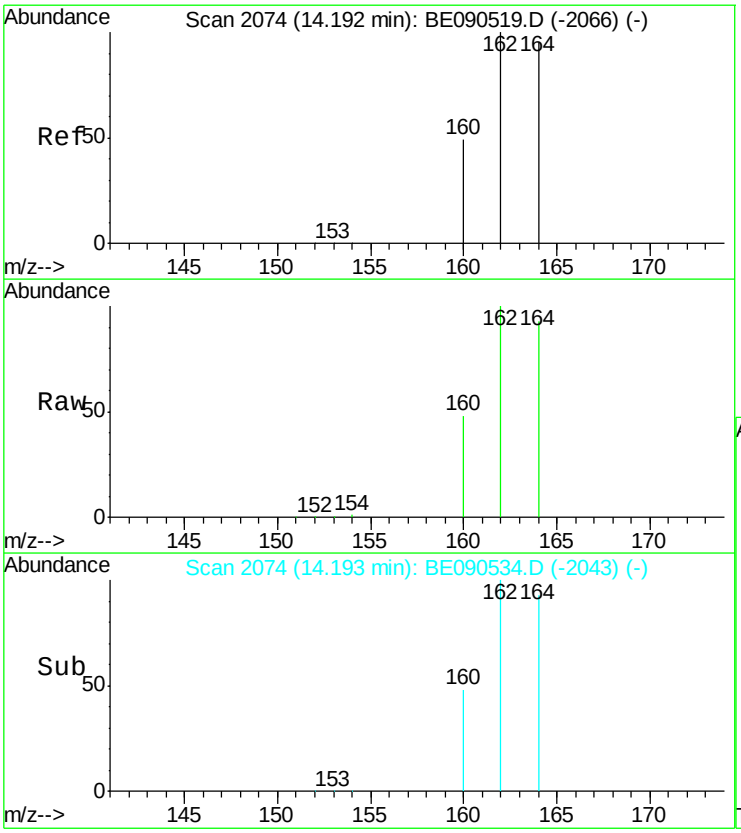
#11
2-Methylnaphthalene
Concen: 3.25 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 57845

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	109.0
115	37.3	31.6	47.4

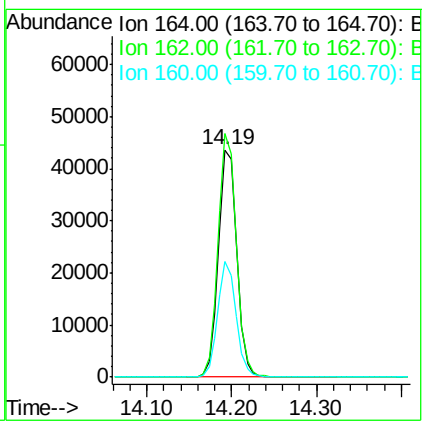


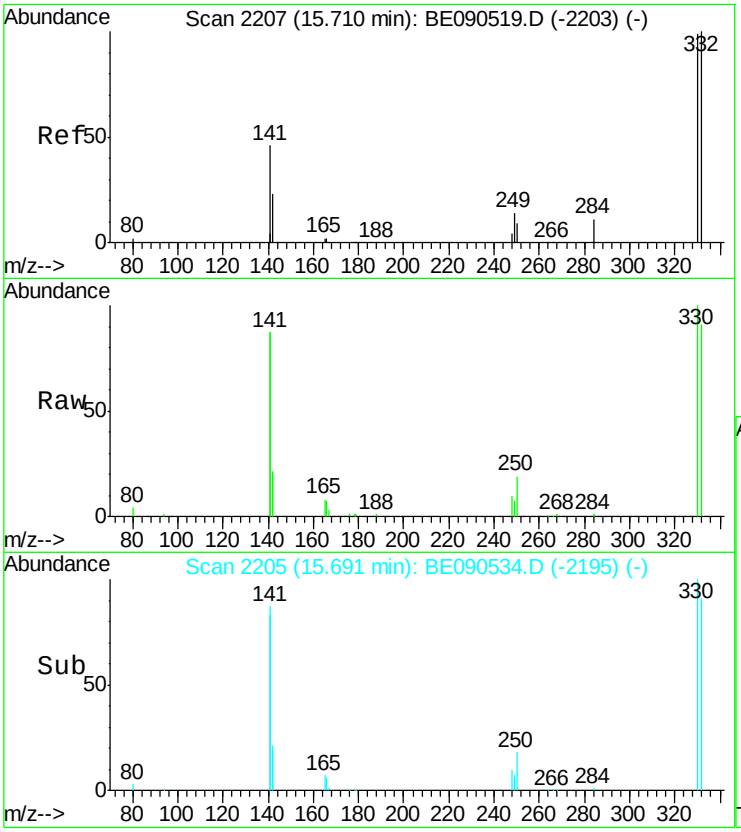


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:164 Resp: 66115

Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.8	122.8
160	51.1	44.2	66.4



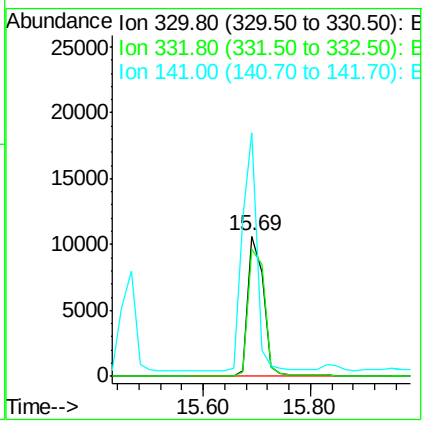


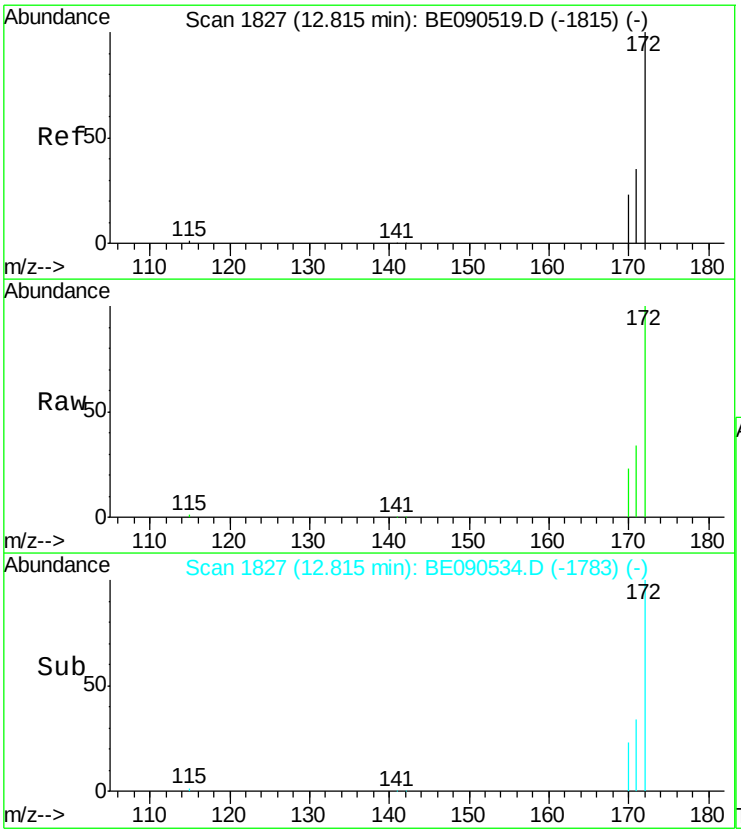
#13
2,4,6-Tribromophenol
Concen: 8.19 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 20851

Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.8	113.6
141	162.7	114.4	171.6

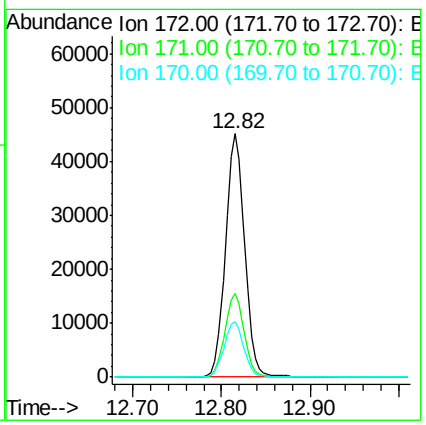


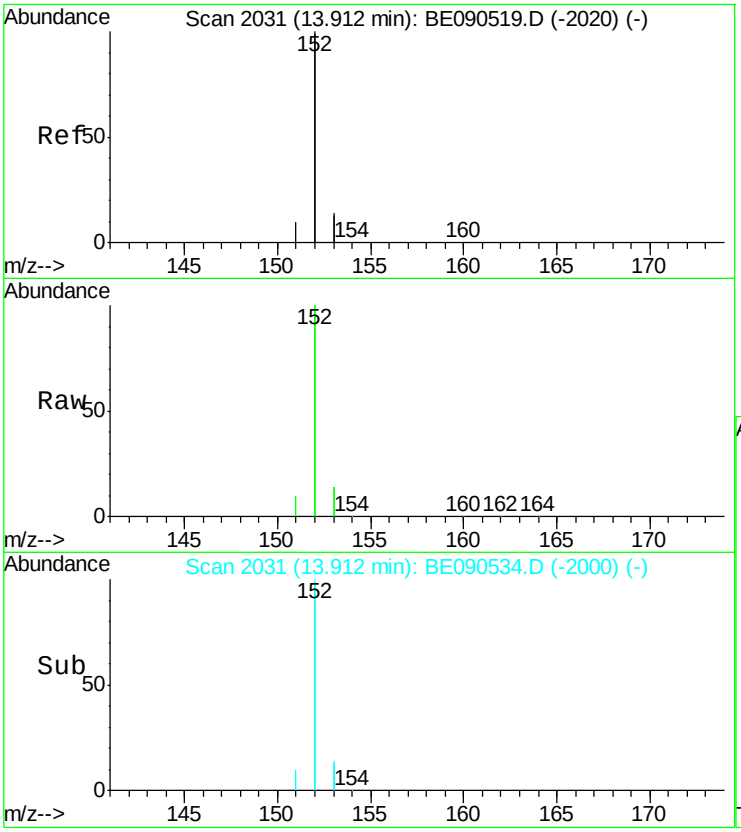


#14
2-Fluorobiphenyl
Concen: 3.43 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:172 Resp: 67659

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	22.8	19.8	29.8



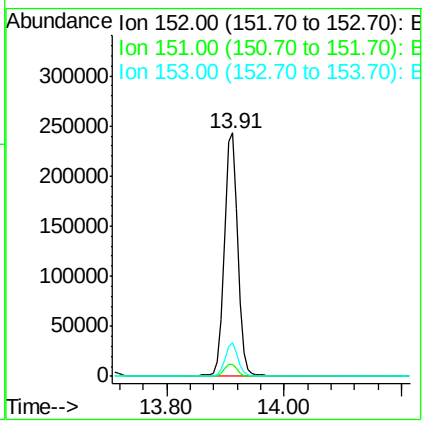


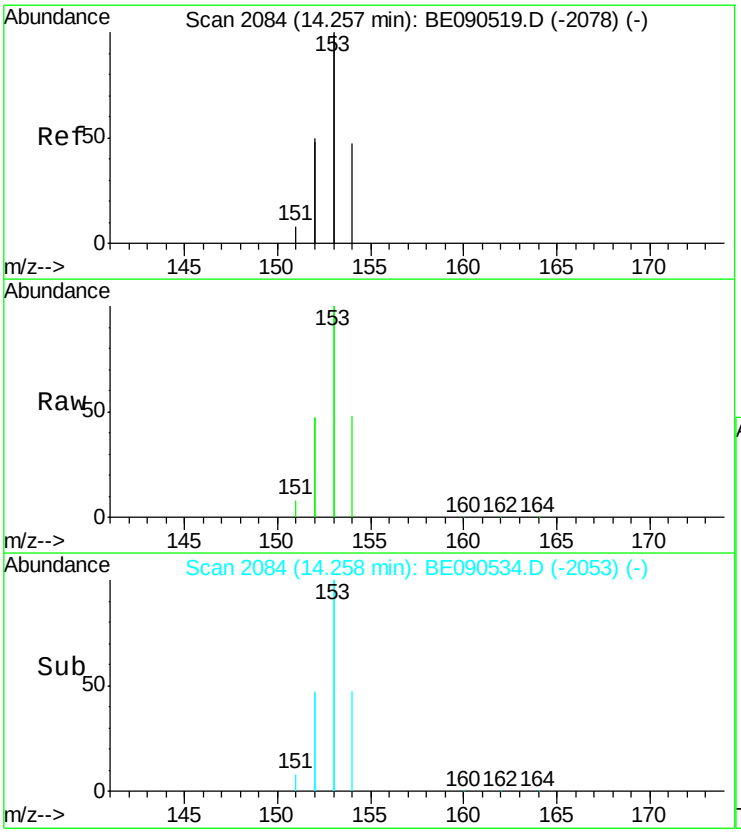
#15
Acenaphthylene
Concen: 3.17 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 382739

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.1	10.3	15.5

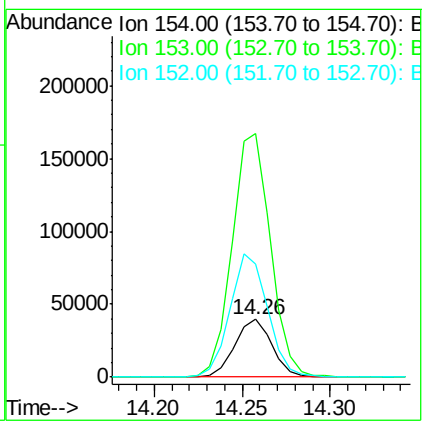


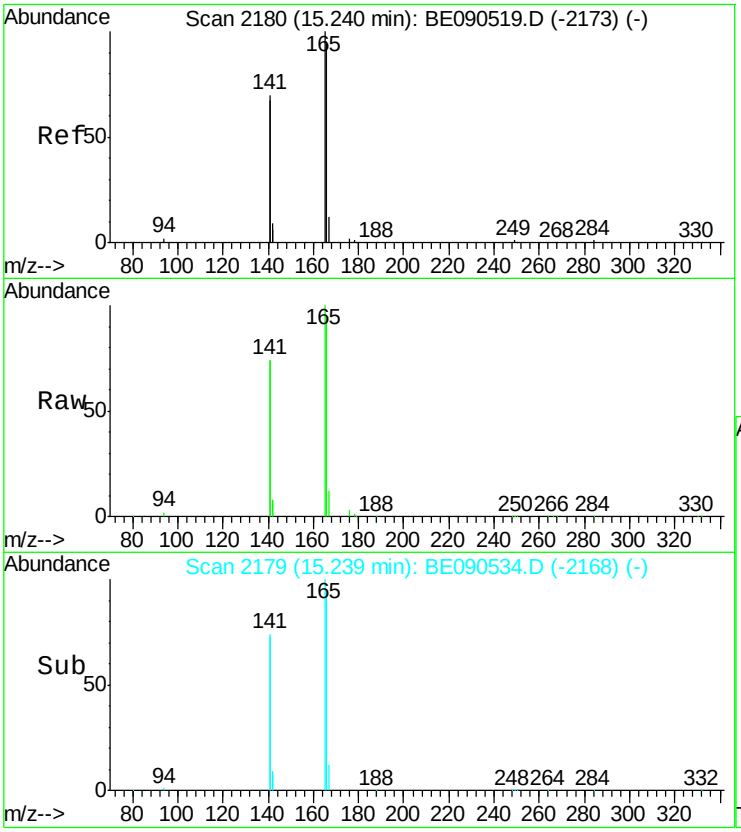


#16
Acenaphthene
Concen: 3.16 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:154 Resp: 57471

Ion	Ratio	Lower	Upper
154	100		
153	436.0	376.2	564.2
152	216.1	235.0	352.4#



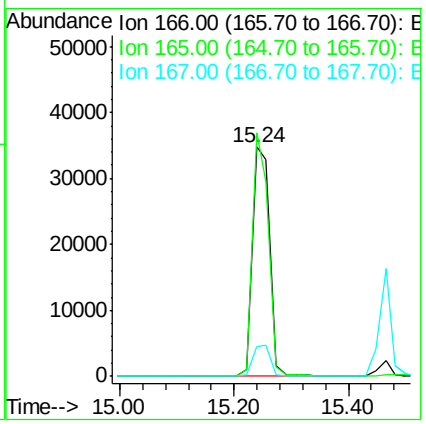


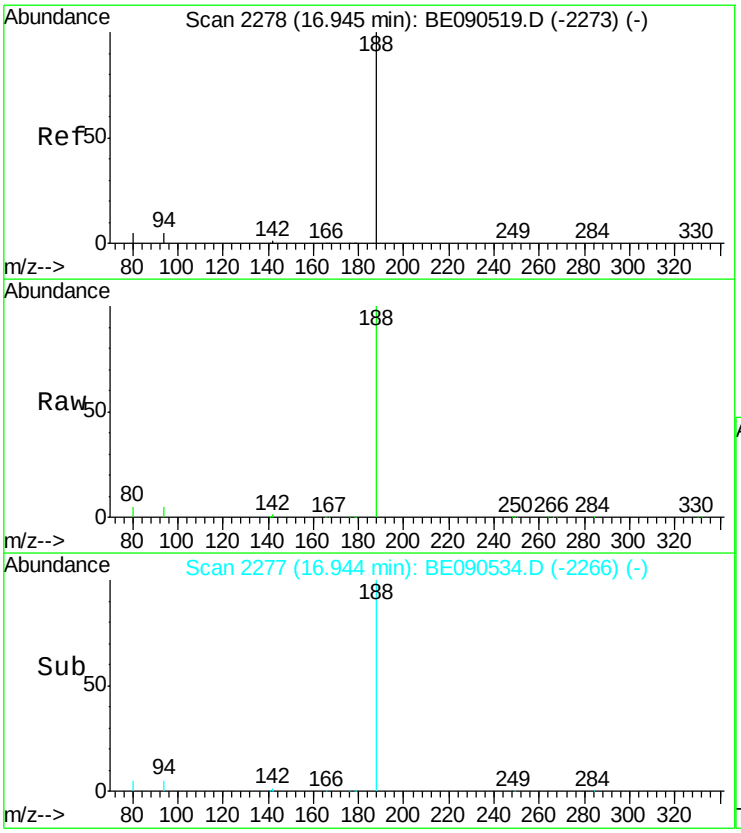
#17
Fluorene
Concen: 3.30 ng
RT: 15.24 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 73468

Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.5	122.3
167	13.6	11.4	17.0

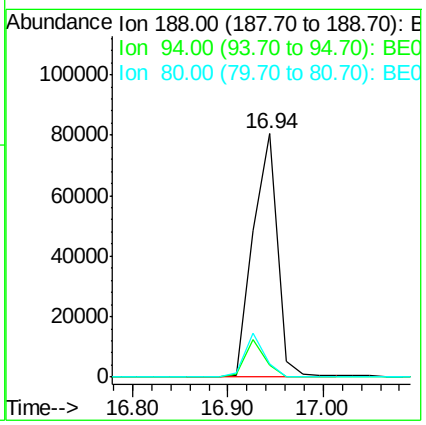


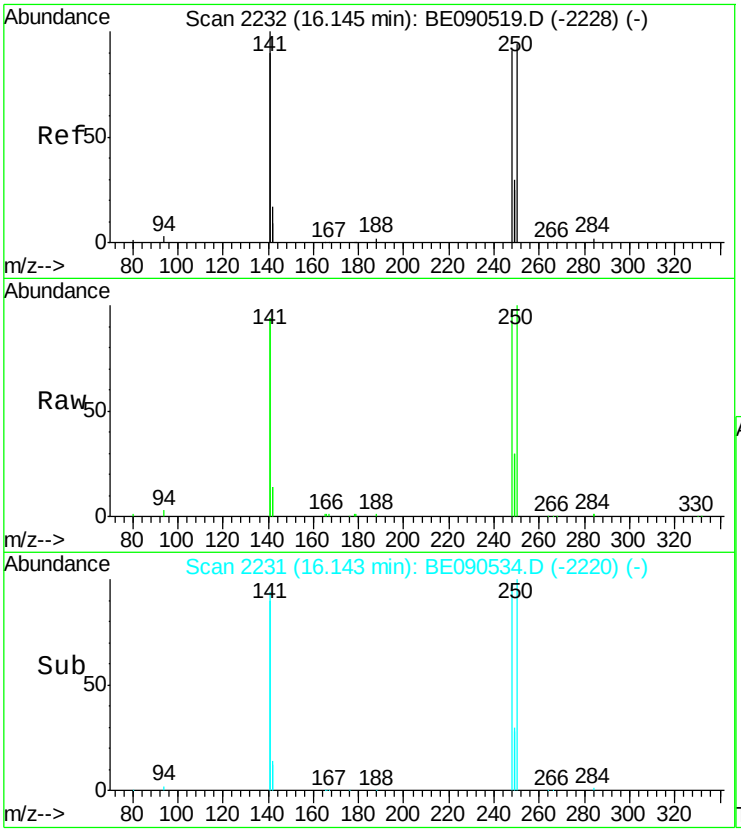


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:188 Resp: 141760

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.7	8.5#
80	5.2	5.8	8.8#



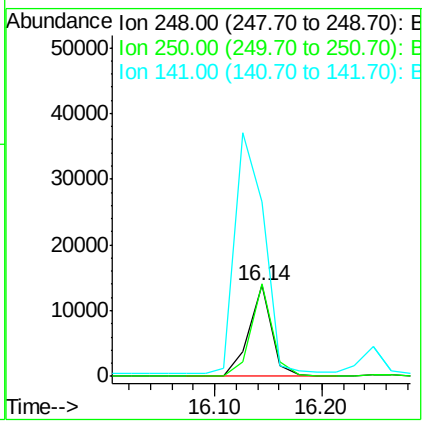


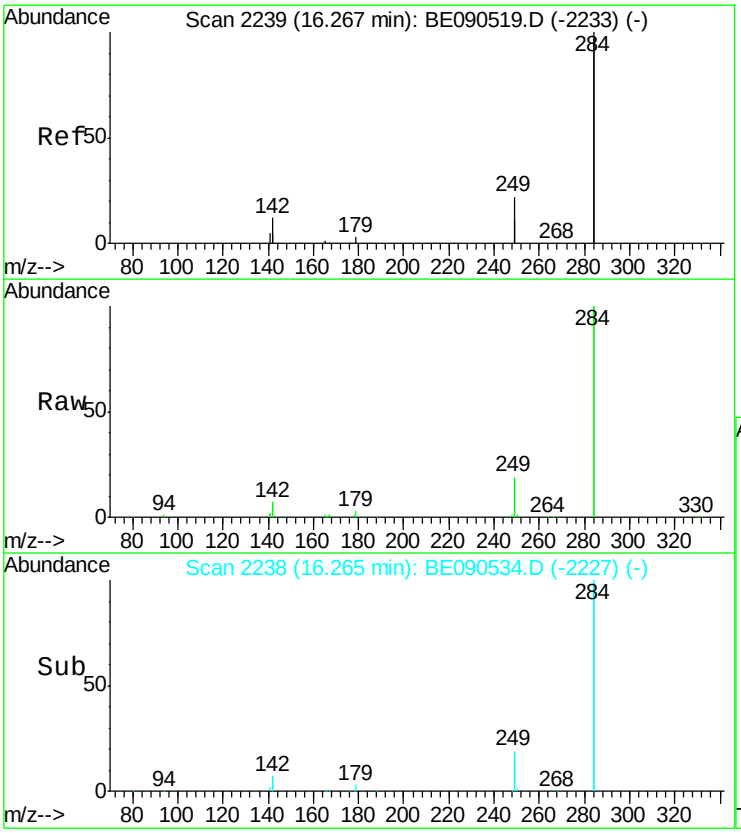
#19
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 19974

Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.0	118.6
141	341.9	239.5	359.3

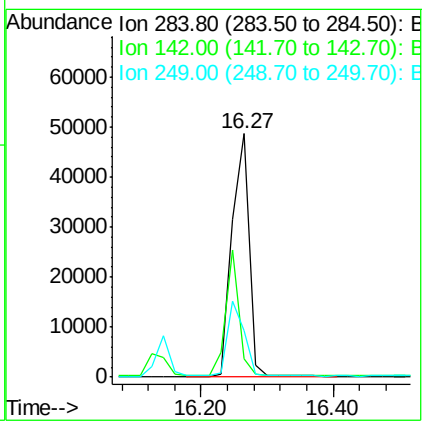


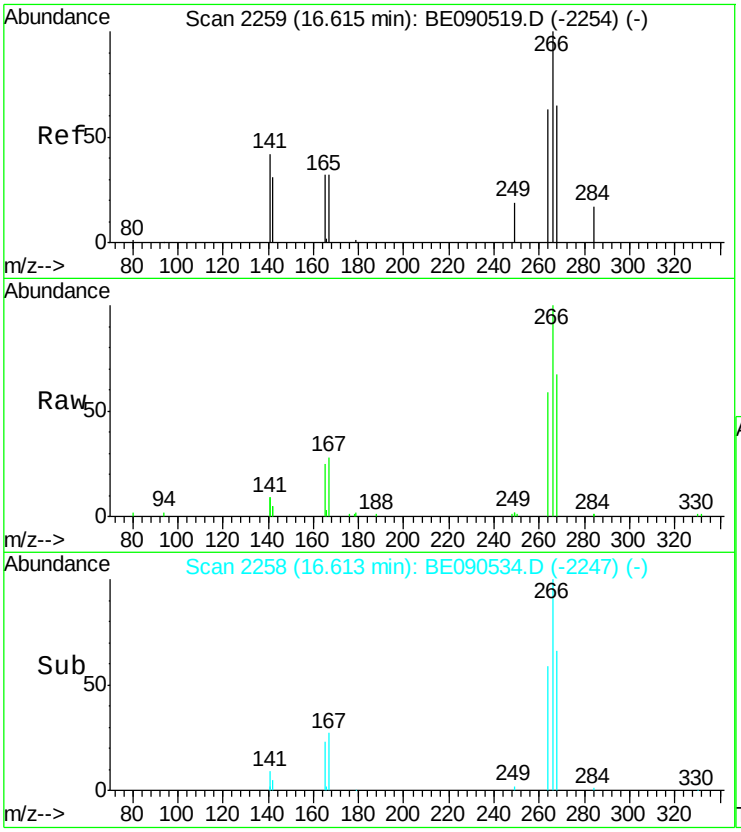


#20
Hexachlorobenzene
Concen: 3.38 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:284 Resp: 86915

Ion	Ratio	Lower	Upper
284	100		
142	40.1	30.1	45.1
249	30.1	25.7	38.5



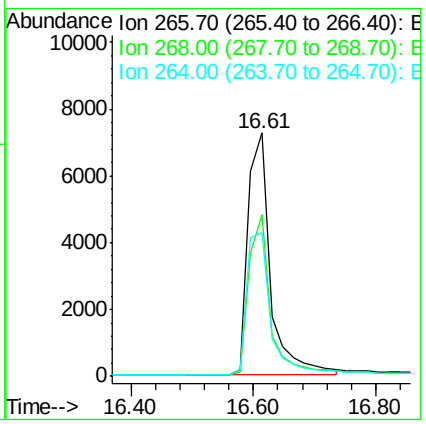


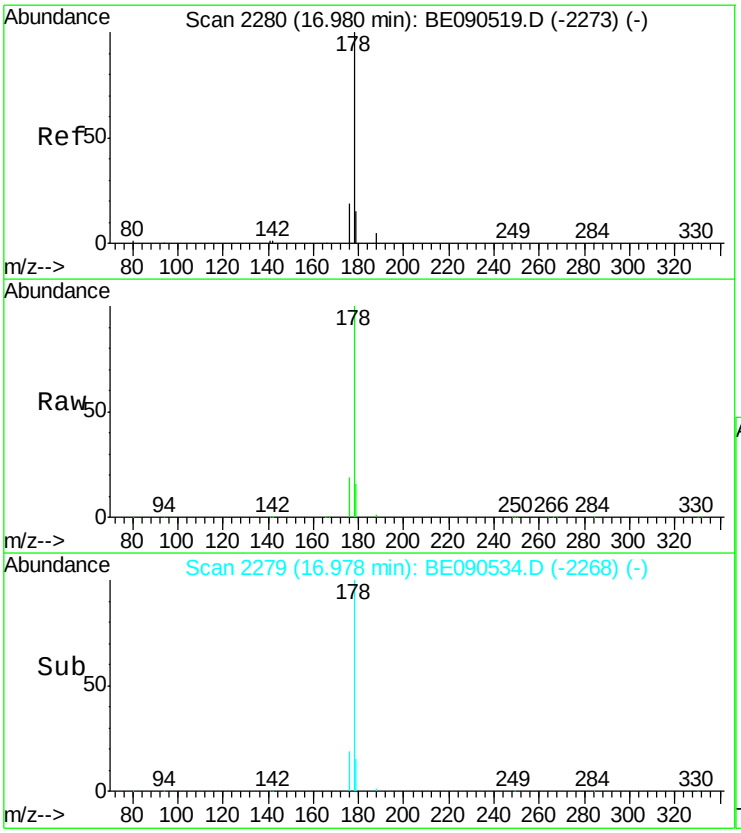
#21
Pentachlorophenol
Concen: 5.89 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 18287

Ion	Ratio	Lower	Upper
266	100		
268	66.5	58.5	87.7
264	59.2	56.0	84.0

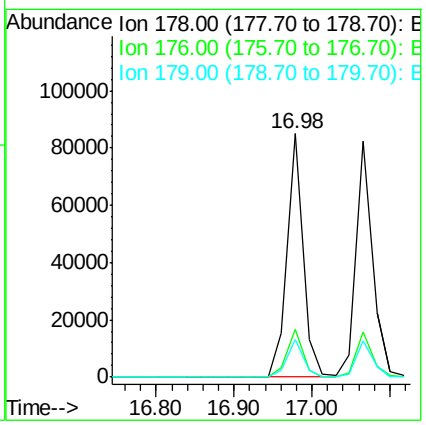


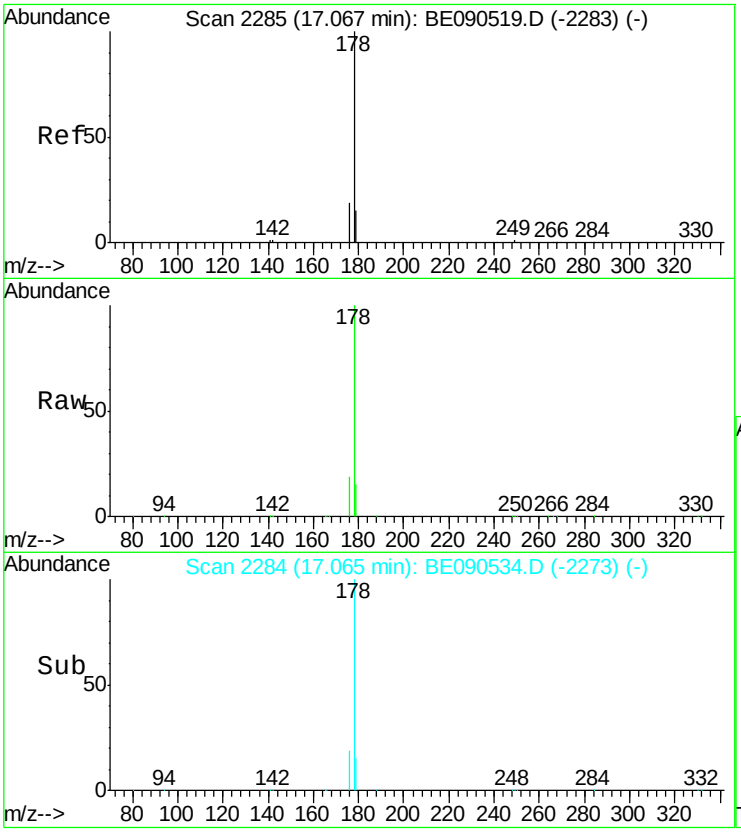


#22
Phenanthrene
Concen: 3.21 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:178 Resp: 119412

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.5	18.7



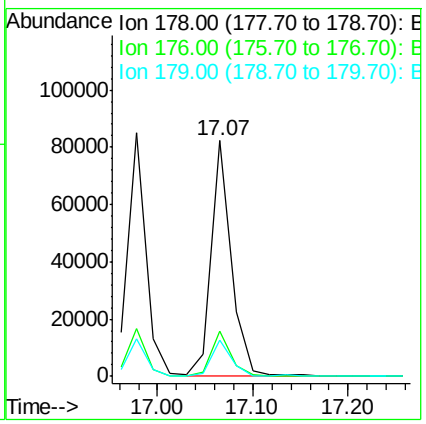


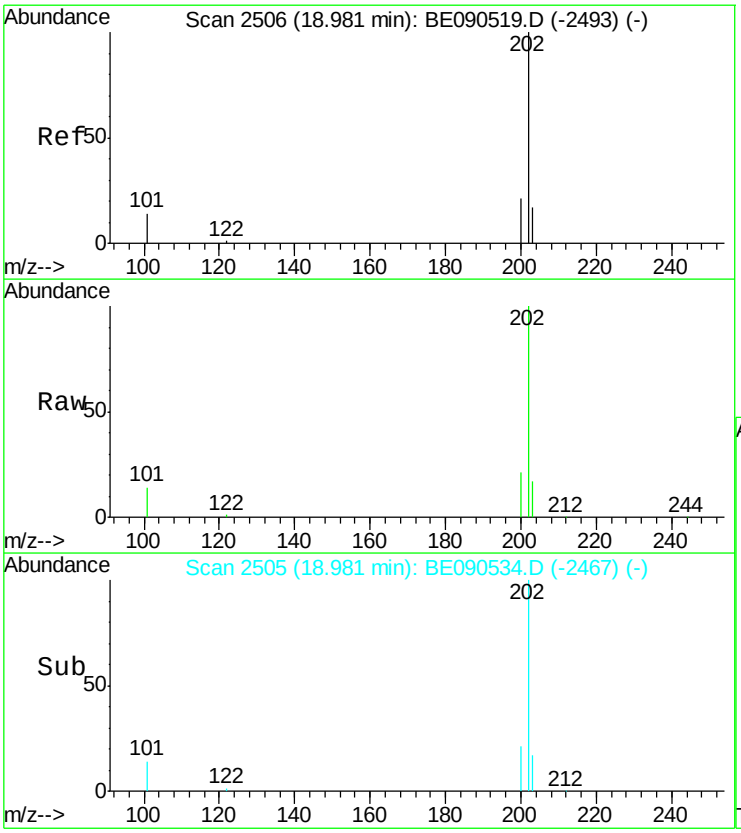
#23
Anthracene
Concen: 3.49 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 119694

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.7	12.2	18.4

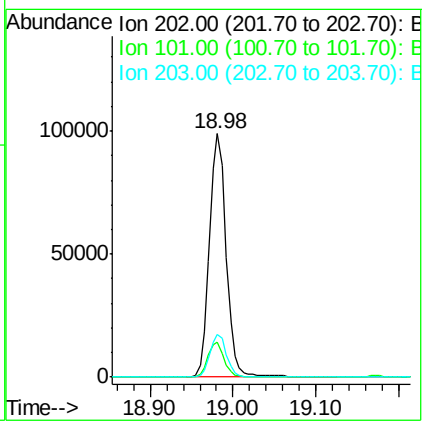


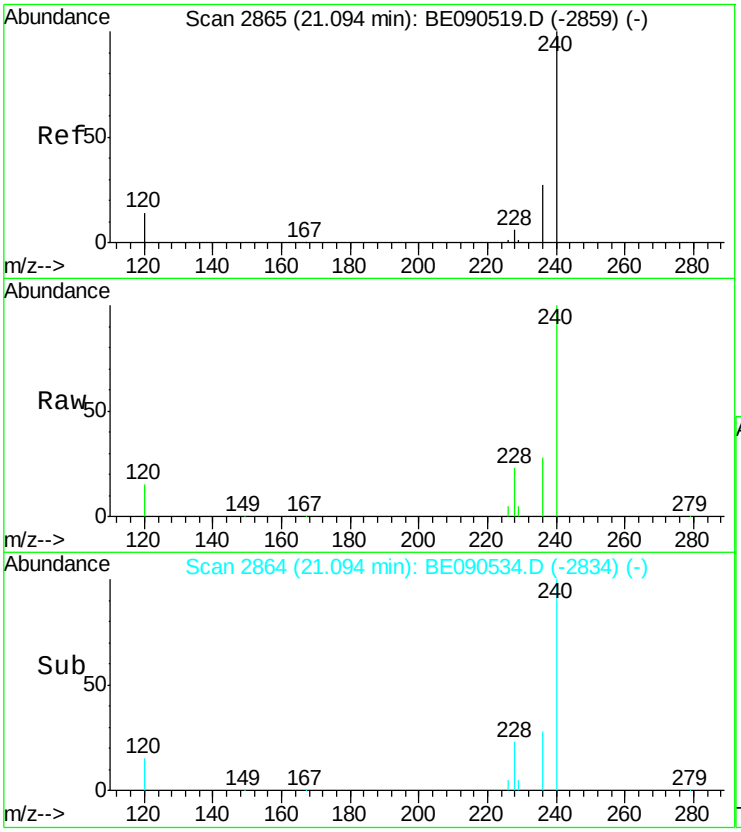


#24
Fluoranthene
Concen: 3.47 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:202 Resp: 137260

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.3	15.5
203	17.2	13.7	20.5



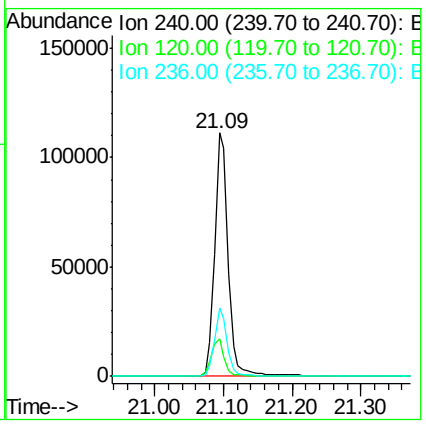


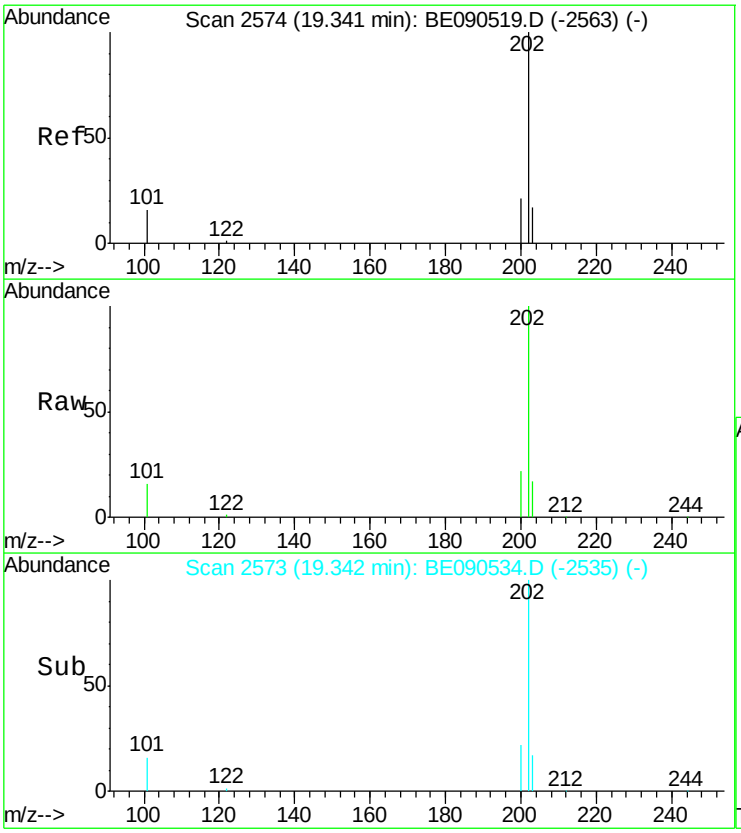
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 150925

Ion	Ratio	Lower	Upper
240	100		
120	15.3	8.3	12.5#
236	28.1	21.0	31.4

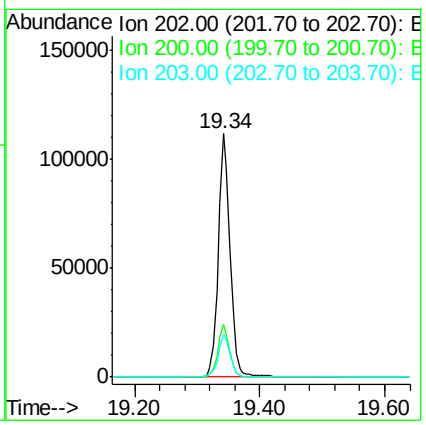


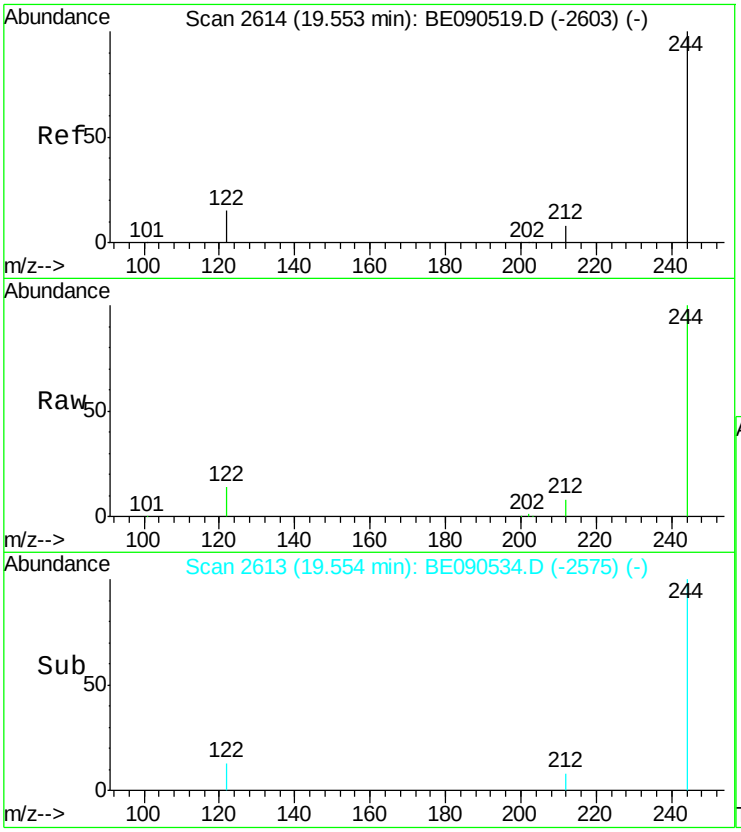


#26
Pyrene
Concen: 3.35 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:202 Resp: 144768

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.1	13.8	20.8



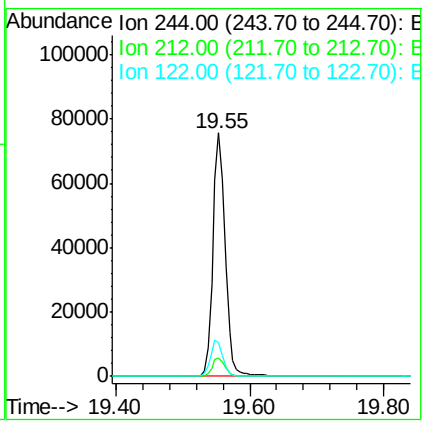


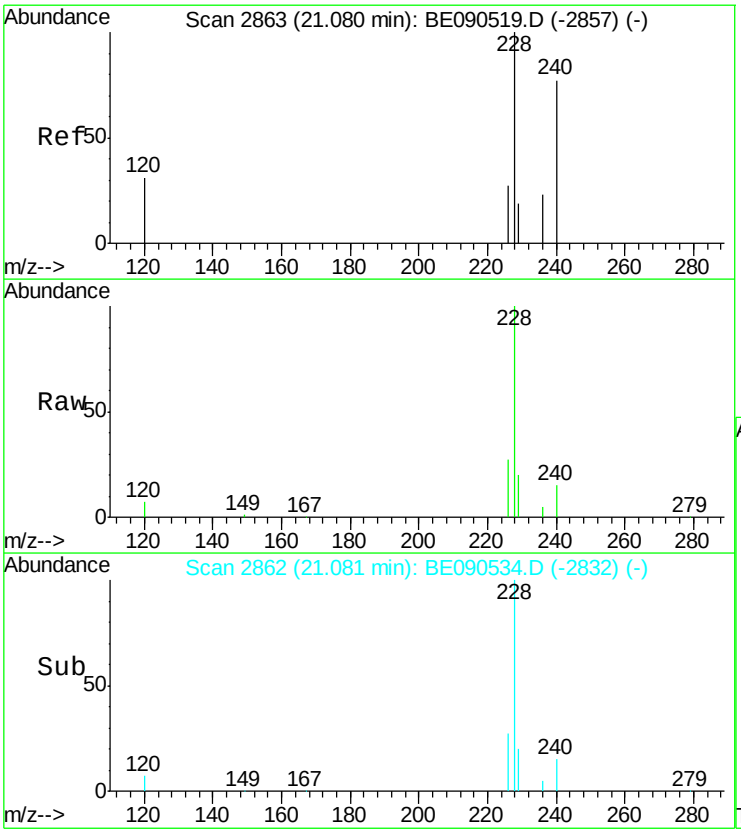
#27
Terphenyl-d14
Concen: 3.45 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 95296

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	13.9	10.2	15.4

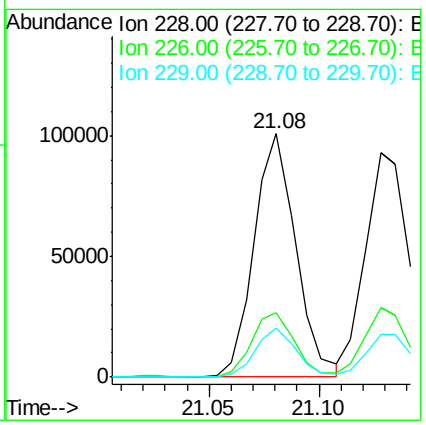


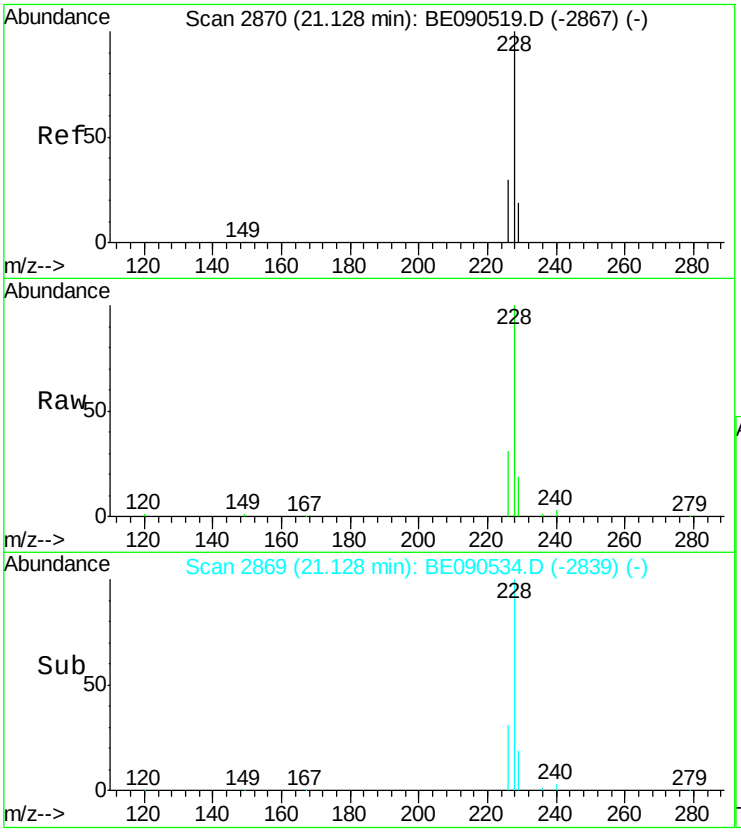


#28
Benzo(a)anthracene
Concen: 3.34 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:228 Resp: 132823

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.9	15.4	23.0



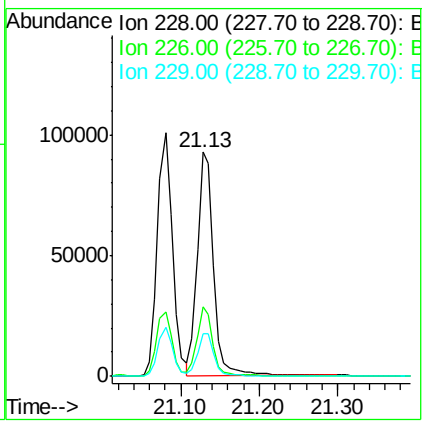


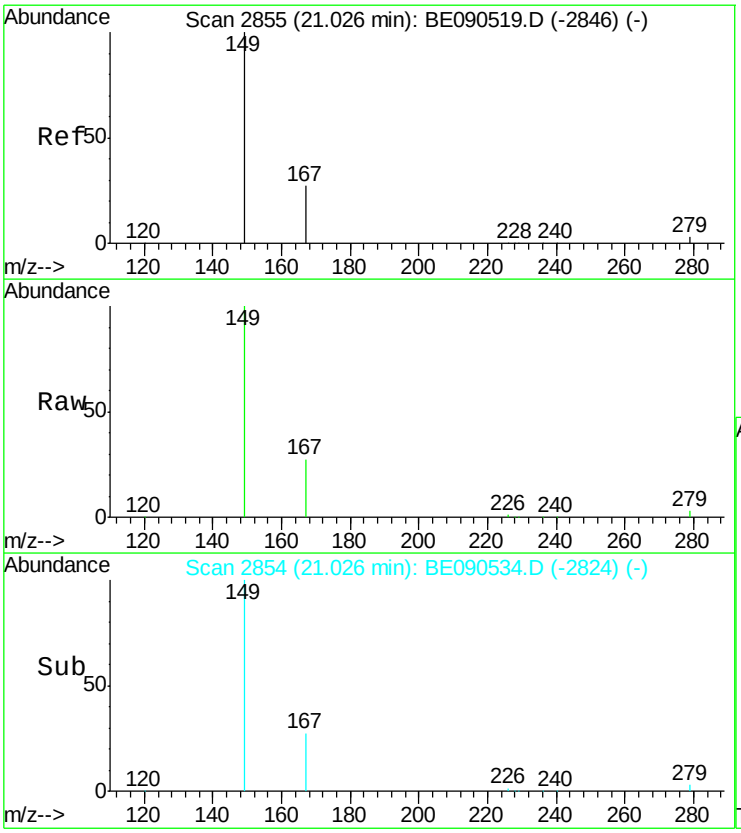
#29
Chrysene
Concen: 3.30 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 133820

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.1	34.7
229	19.2	15.8	23.8

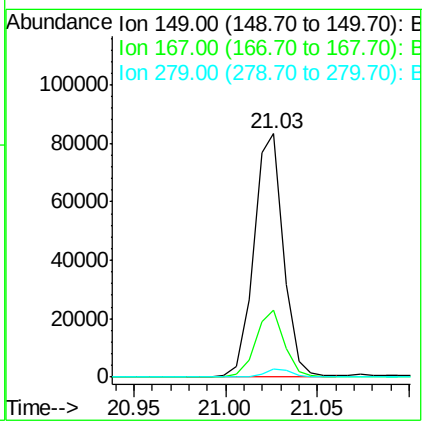


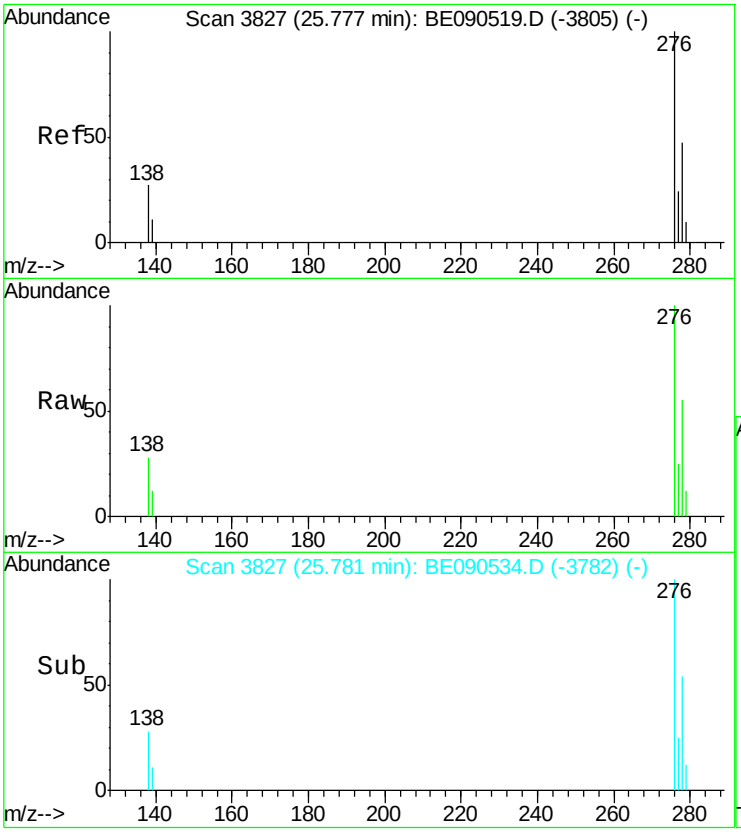


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.94 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:149 Resp: 92620

Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.8	29.8
279	3.2	2.4	3.6



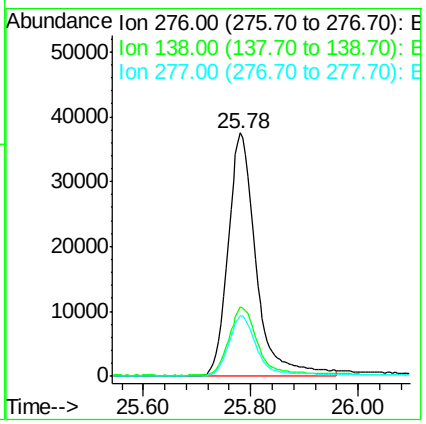


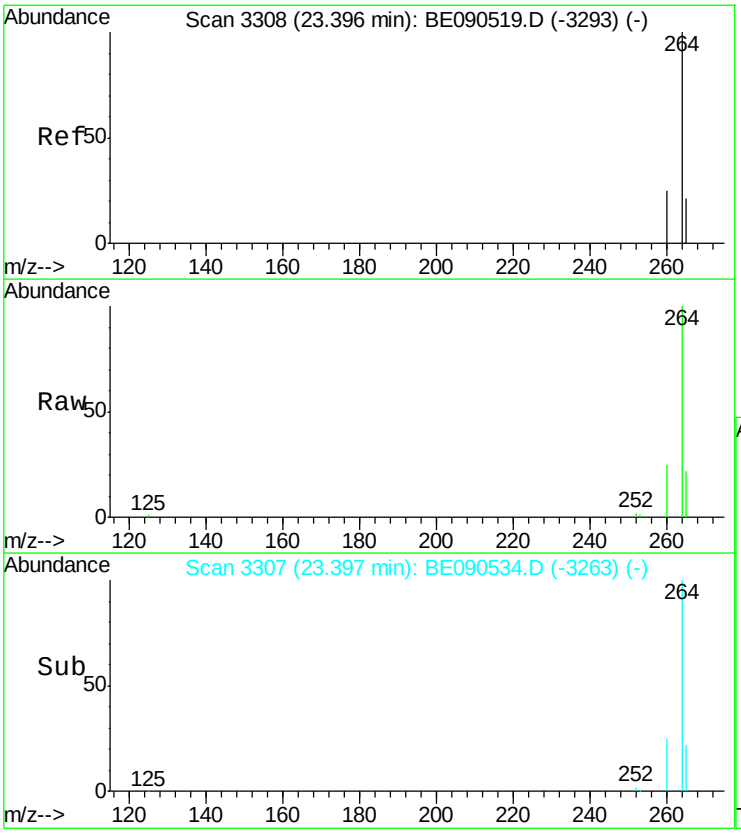
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.54 ng
RT: 25.78 min Scan# 3827
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 135275

Ion	Ratio	Lower	Upper
276	100		
138	29.4	18.8	28.2#
277	24.9	18.2	27.4

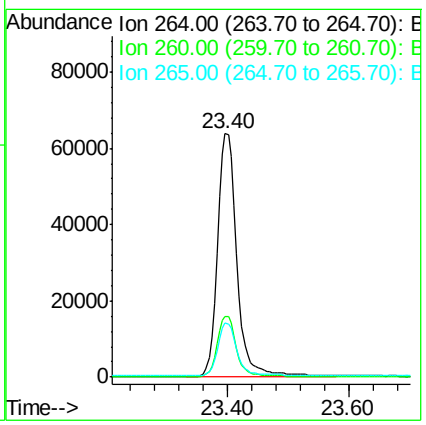


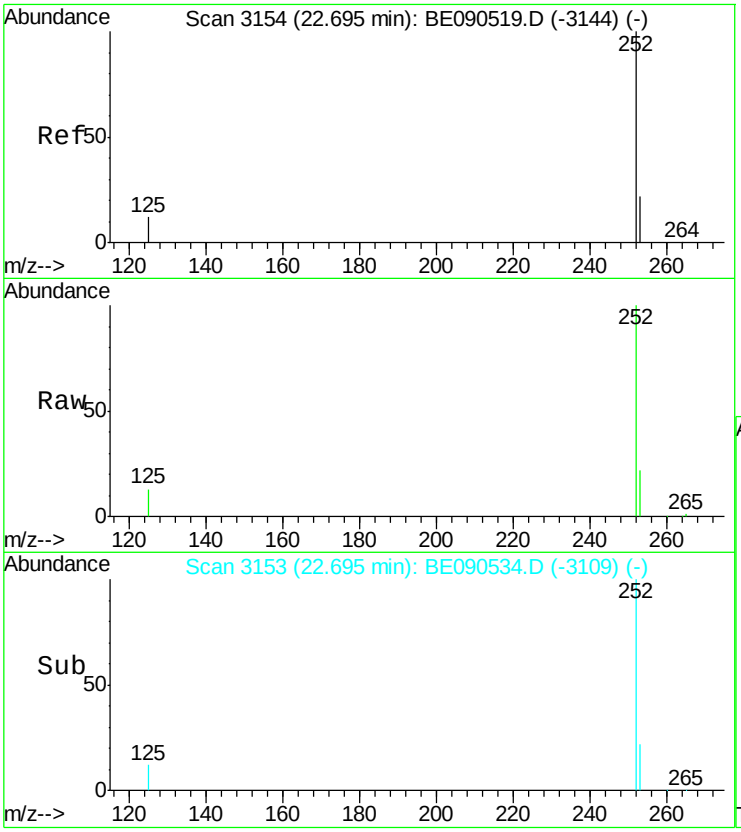


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:264 Resp: 141989

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.2	17.2	25.8



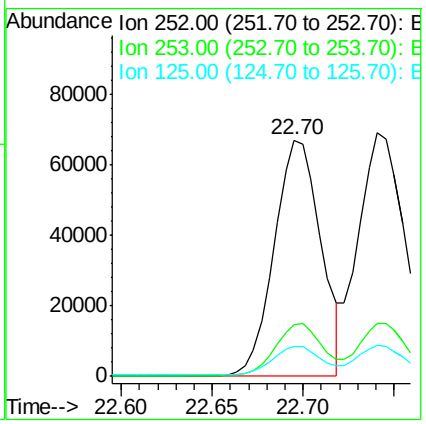


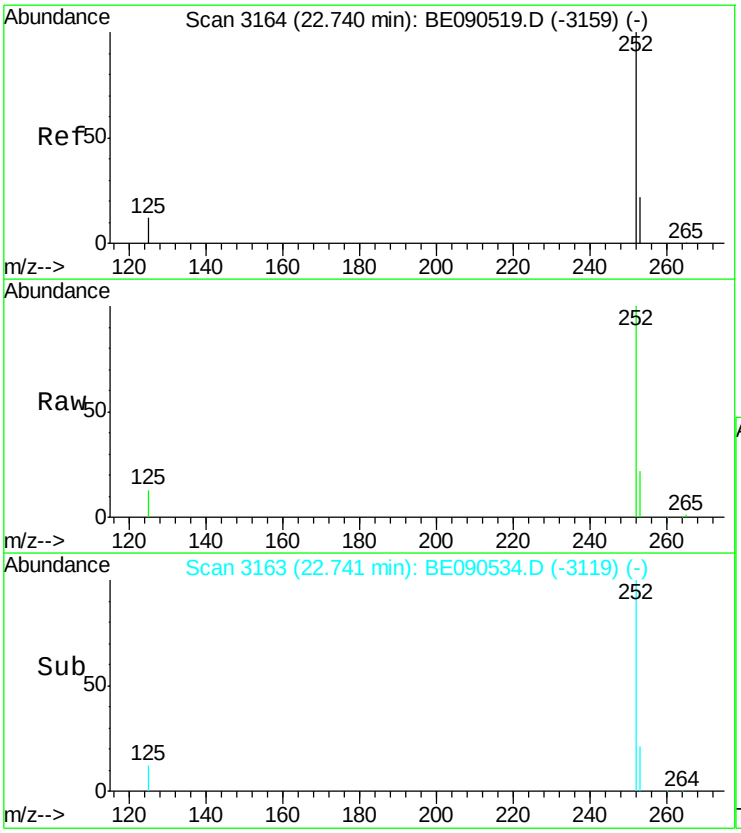
#33
Benzo(b)fluoranthene
Concen: 3.52 ng
RT: 22.70 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 118280

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.9	9.4	14.2

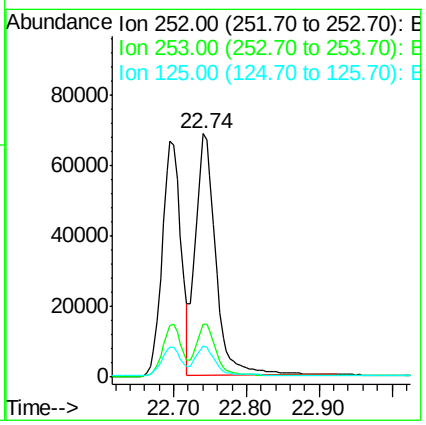


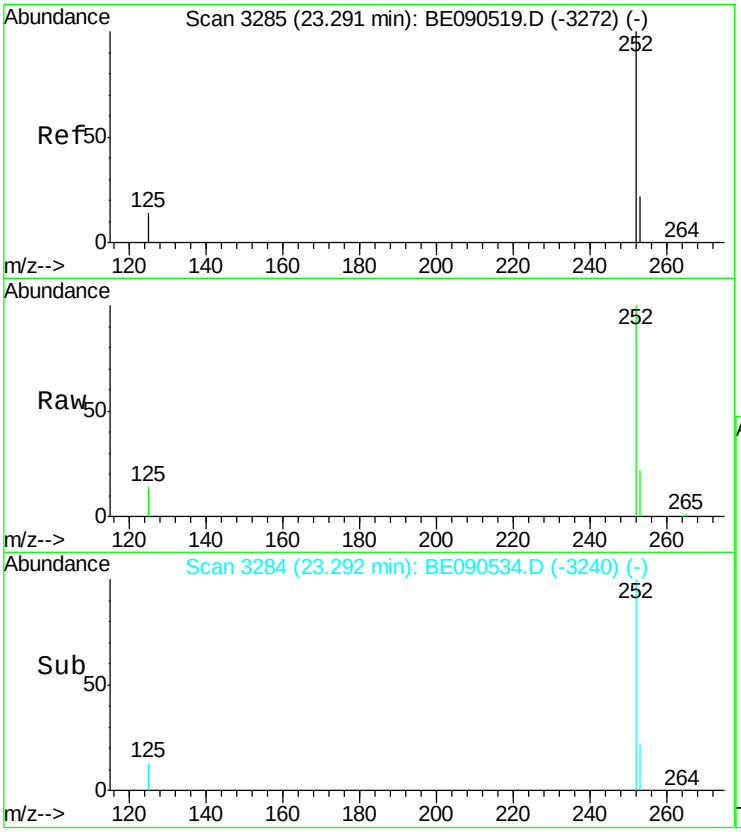


#34
Benzo(k)fluoranthene
Concen: 3.50 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:252 Resp: 133375

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	12.9	9.1	13.7



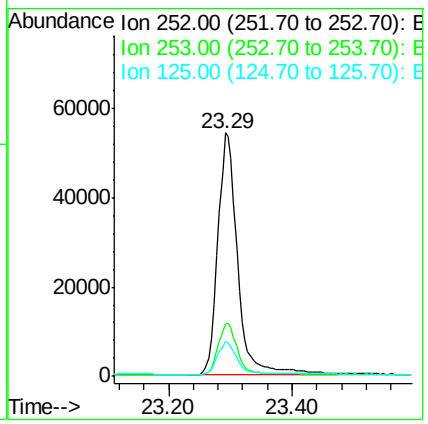


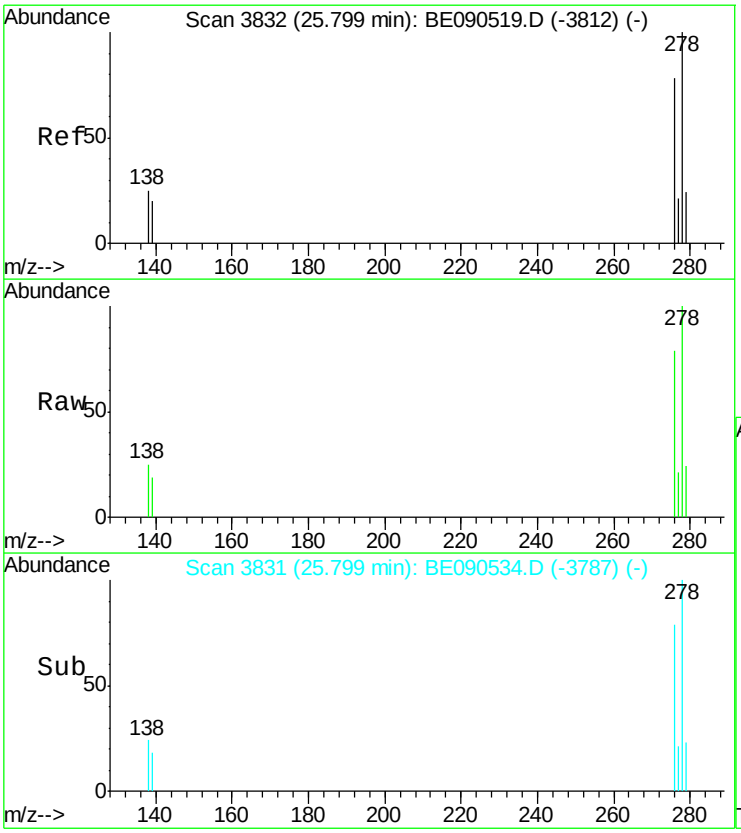
#35
Benzo(a)pyrene
Concen: 3.86 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 121530

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	14.3	9.8	14.6

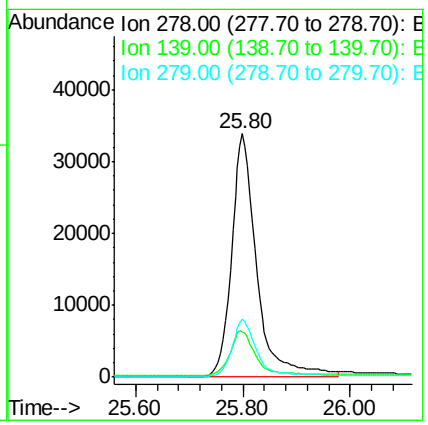


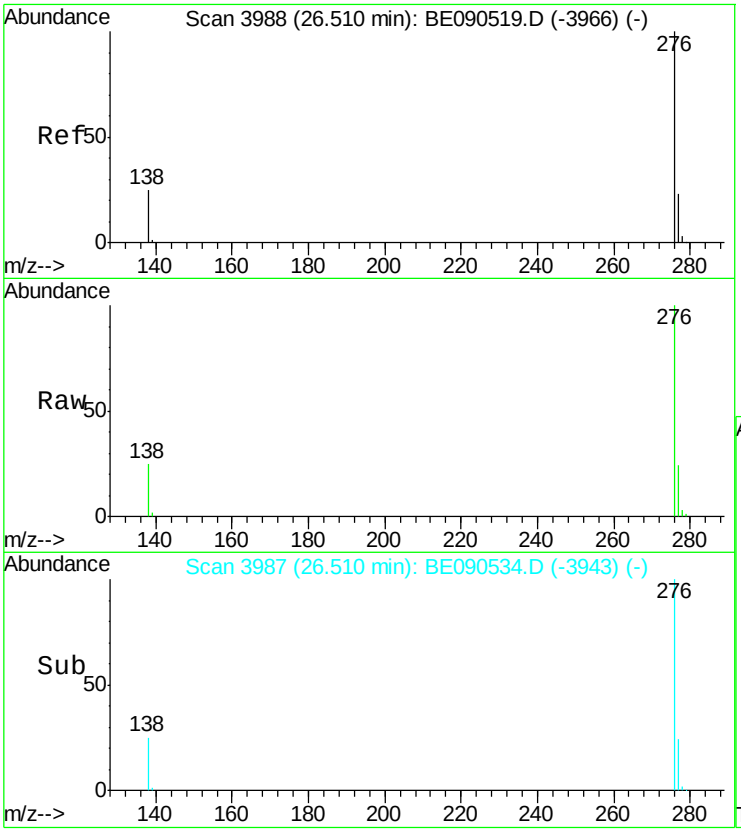


#36
Dibenzo(a,h)anthracene
Concen: 3.60 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:278 Resp: 109271

Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.2	21.4
279	23.7	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 3.60 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 119537

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.1	30.1
138	25.4	18.1	27.1