Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090532.D
Acq On : 17 Aug 2015 13:42
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 18 04:34:14 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	23002	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	115372	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	65790	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	148380	5.00	ng		0.00
25) Chrysene-d12	21.09	240	152813	5.00	ng		0.00
32) Perylene-d12	23.40	264	143391	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	6872	1.03	ng		0.00
5) Phenol-d6	6.78	99	10169	1.04	ng		0.00
7) Nitrobenzene-d5	8.72	82	9623	1.05	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2793	1.10	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	19557	1.00	ng		0.00
27) Terphenyl-d14	19.55	244	28898	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	2995	1.09	ng		96
3) n-Nitrosodimethylamine	3.49	42	3926	0.99	ng	#	69
8) Nitrobenzene	8.77	77	9899	1.04	ng		96
9) Naphthalene	10.38	128	25833	0.99	ng		99
10) Hexachlorobutadiene	10.68	225	3764	0.98	ng		100
11) 2-Methylnaphthalene	12.00	142	17666	1.03	ng		97
15) Acenaphthylene	13.91	152	121257	1.01	ng		100
16) Acenaphthene	14.26	154	17973	0.99	ng	#	77
17) Fluorene	15.26	166	22541	1.02	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	6190	1.02	ng		83
20) Hexachlorobenzene	16.27	284	26776	1.00	ng		96
21) Pentachlorophenol	16.61	266	1866	0.85	ng		90
22) Phenanthrene	16.98	178	38445	0.99	ng		100
23) Anthracene	17.07	178	36379	1.01	ng		100
24) Fluoranthene	18.98	202	42200	1.02	ng		99
26) Pyrene	19.34	202	43875	1.00	ng		100
28) Benzo(a)anthracene	21.08	228	40718	1.01	ng		99
29) Chrysene	21.13	228	41625	1.01	ng		98
30) Bis(2-ethylhexyl)phthalate	21.02	149	29424	1.33	ng		97
31) Indeno(1,2,3-cd)pyrene	25.78	276	40449	1.05	ng		93
33) Benzo(b)fluoranthene	22.70	252	35057	1.03	ng	#	97
34) Benzo(k)fluoranthene	22.74	252	40246	1.05	ng	#	96
35) Benzo(a)pyrene	23.29	252	33692	1.06	ng	#	93
36) Dibenzo(a,h)anthracene	25.80	278	32287	1.05	ng	#	95
37) Benzo(g,h,i)perylene	26.51	276	35307	1.05	ng		95

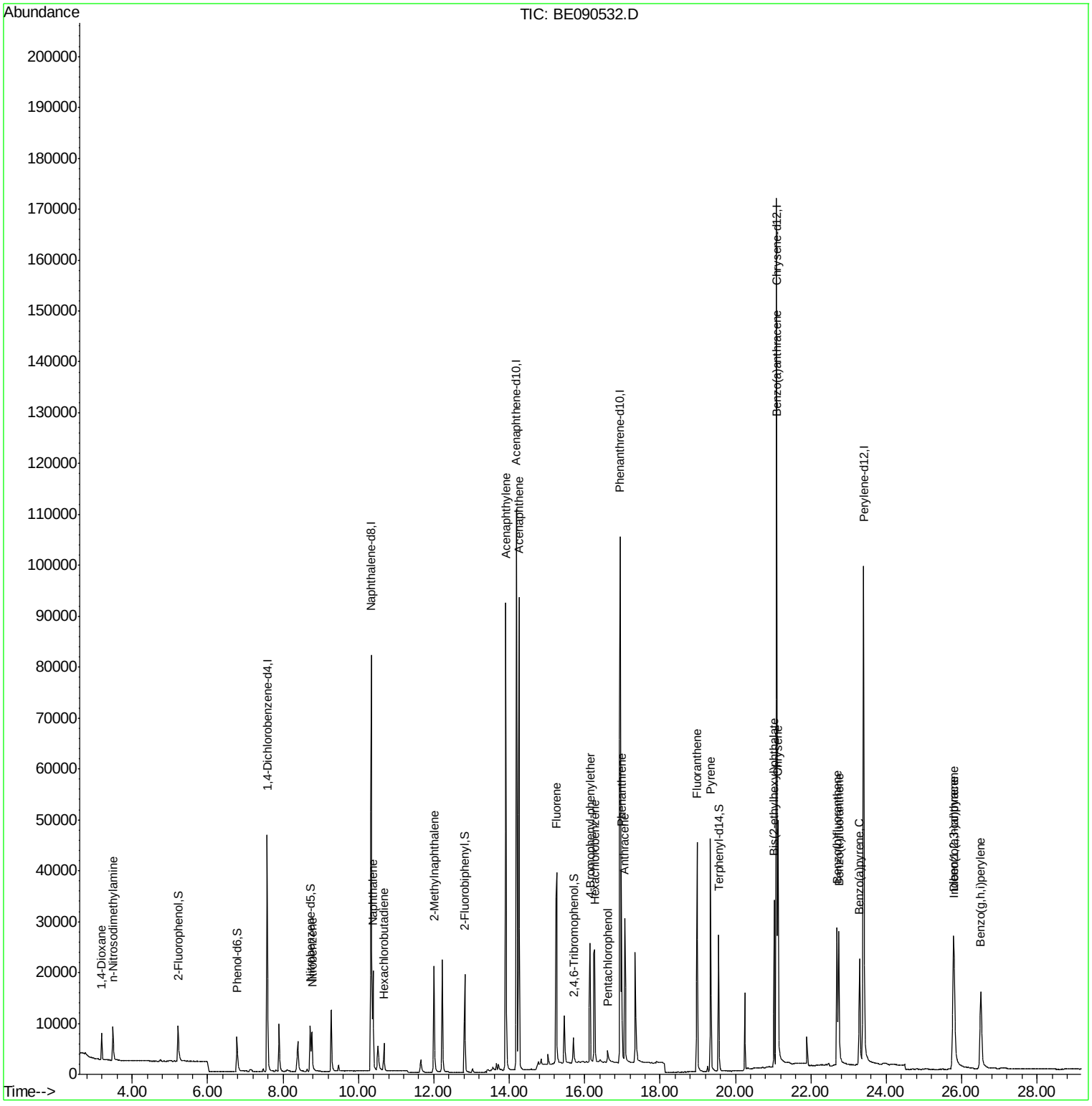
(#) = qualifier out of range (m) = manual integration (+) = signals summed

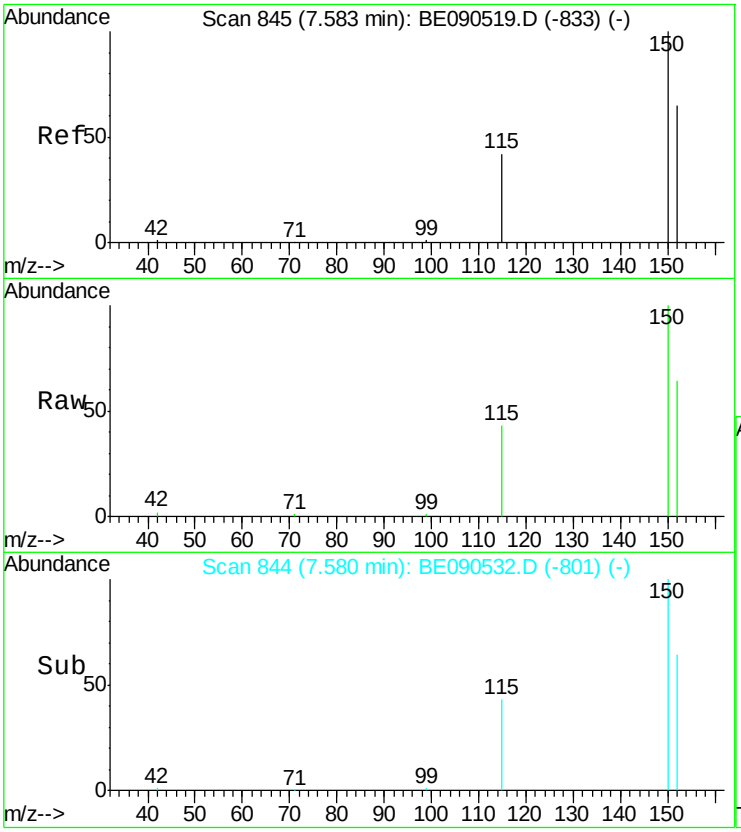
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090532.D
Acq On : 17 Aug 2015 13:42
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 18 04:34:14 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



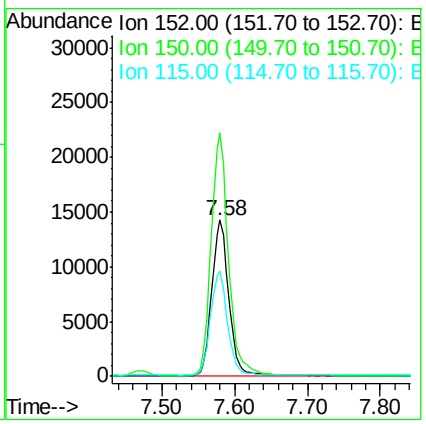


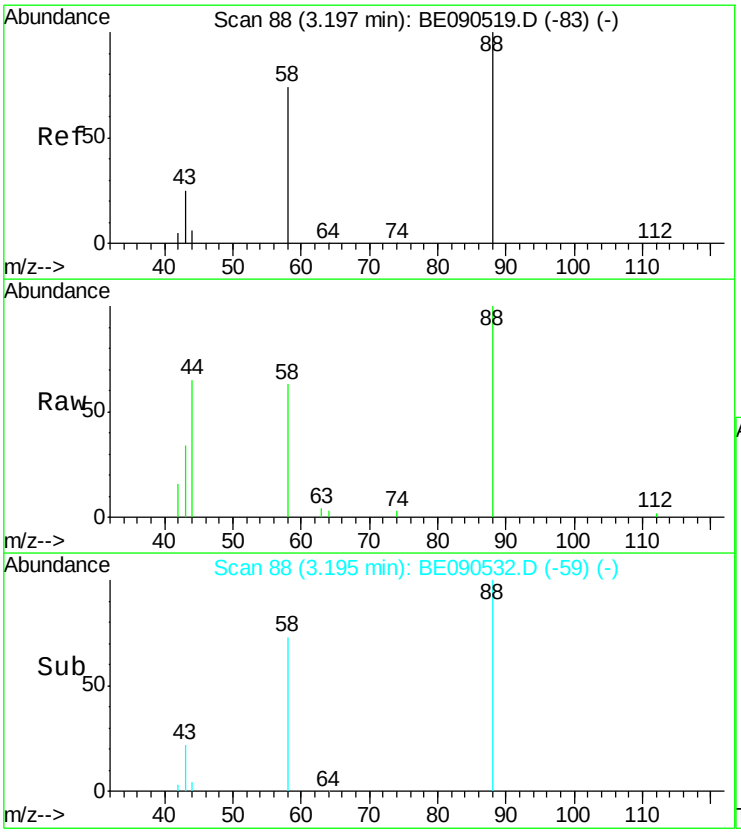
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 23002

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.4
115	67.5	48.9	73.3

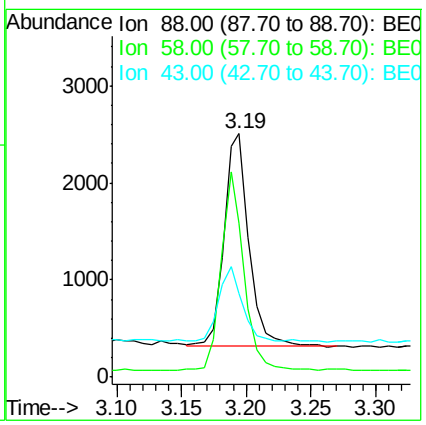


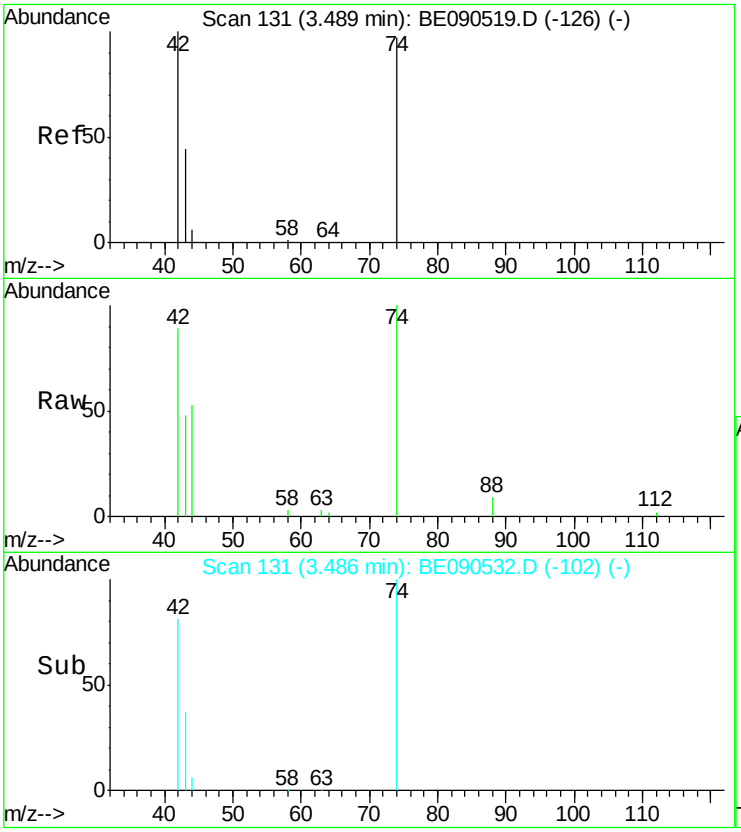


#2
1,4-Dioxane
Concen: 1.09 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion: 88 Resp: 2995

Ion	Ratio	Lower	Upper
88	100		
58	84.1	70.0	105.0
43	32.6	28.4	42.6



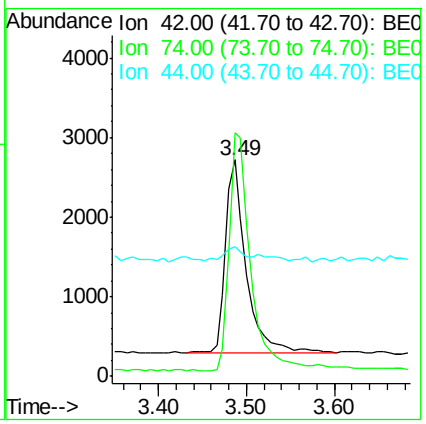


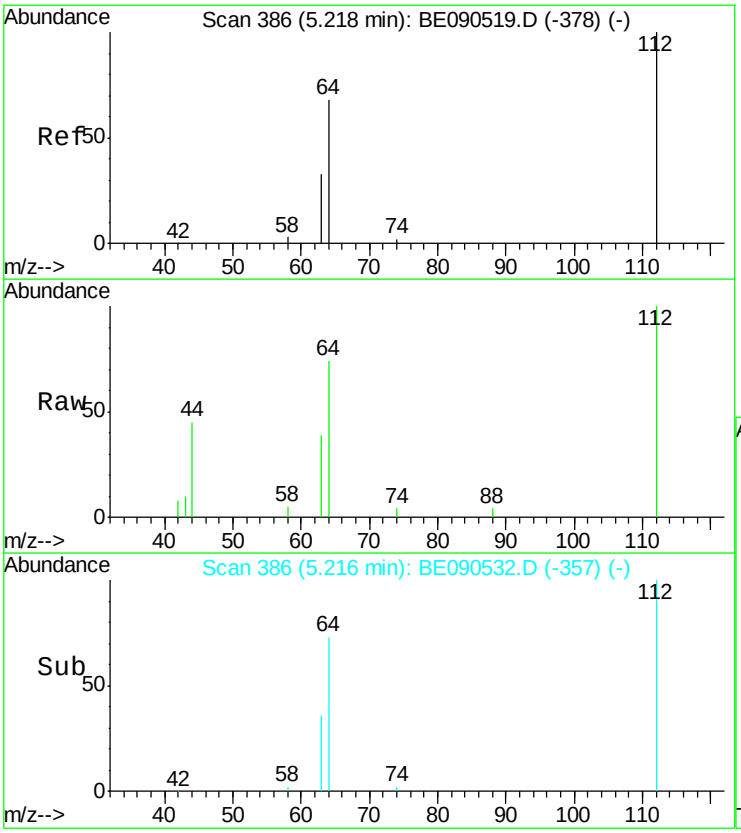
#3
n-Nitrosodimethylamine
Concen: 0.99 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3926

Ion	Ratio	Lower	Upper
42	100		
74	126.1	75.2	112.8#
44	7.1	8.7	13.1#

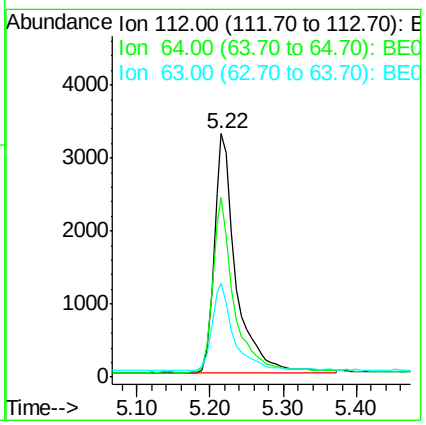


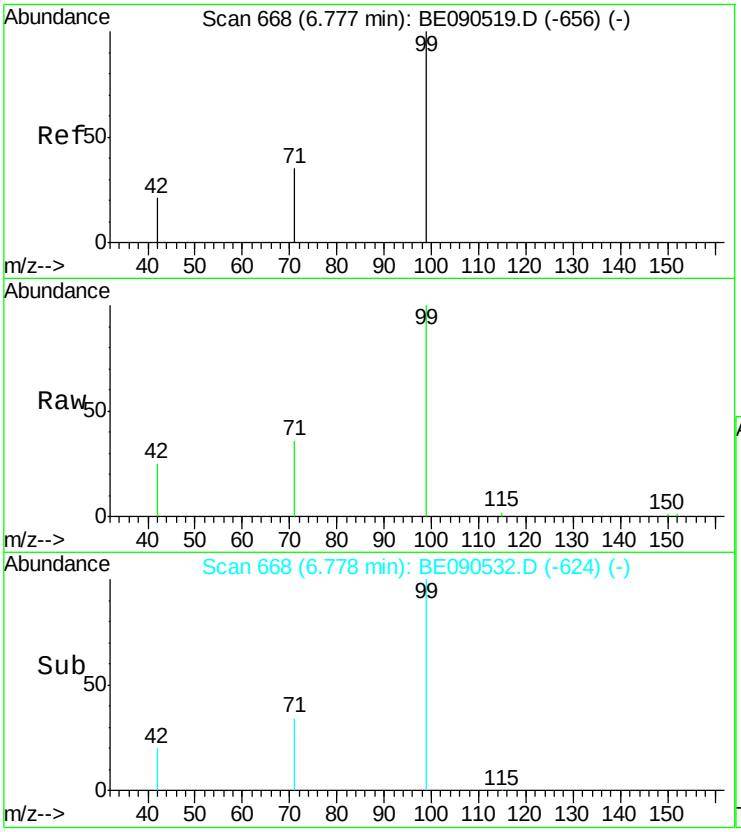


#4
2-Fluorophenol
Concen: 1.03 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:112 Resp: 6872

Ion	Ratio	Lower	Upper
112	100		
64	71.7	37.1	55.7#
63	36.1	19.5	29.3#



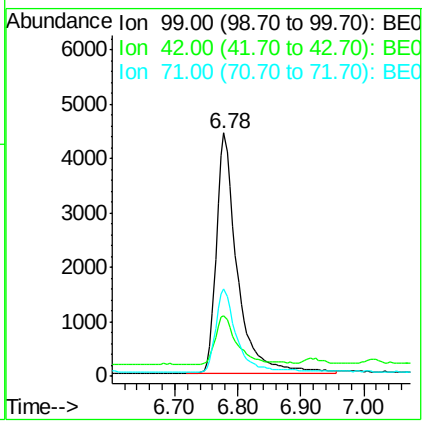


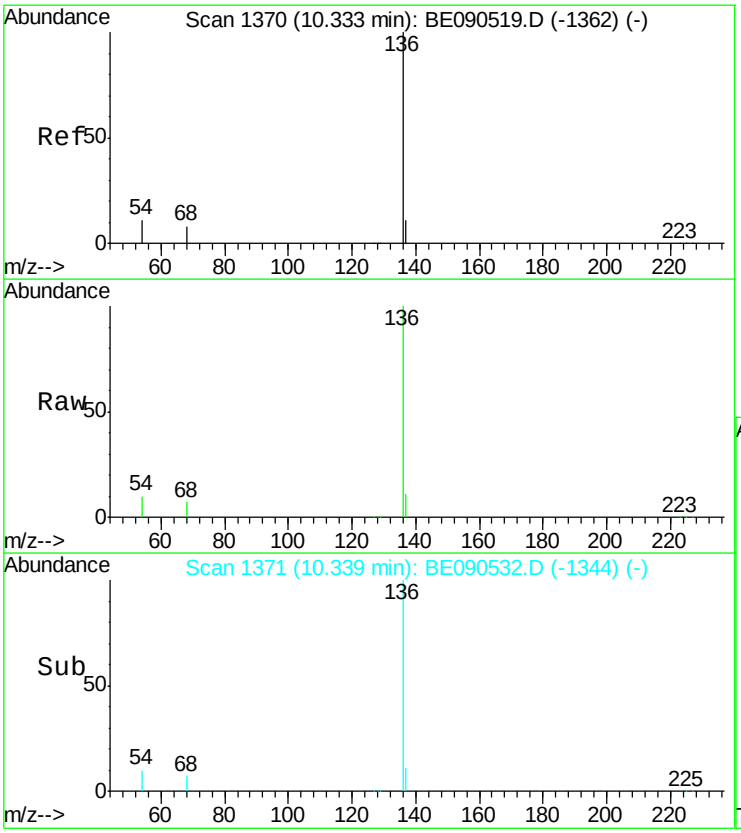
#5
Phenol-d6
Concen: 1.04 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10169

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.2	27.4
71	35.5	27.4	41.0

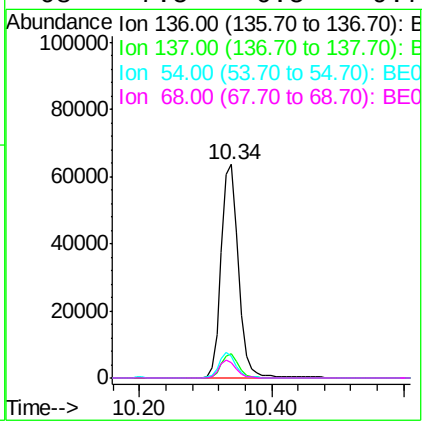


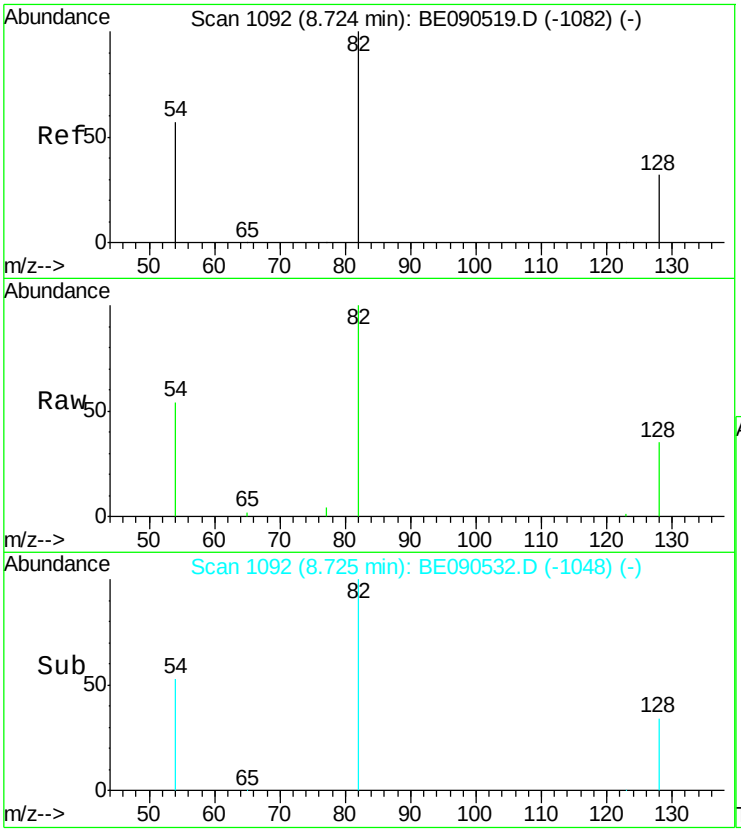


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:136 Resp: 115372

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.2	9.4	14.0
68	7.5	6.5	9.7



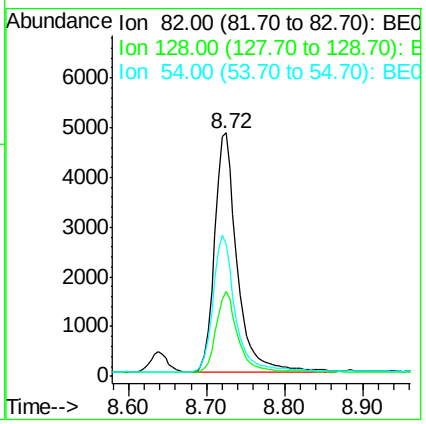


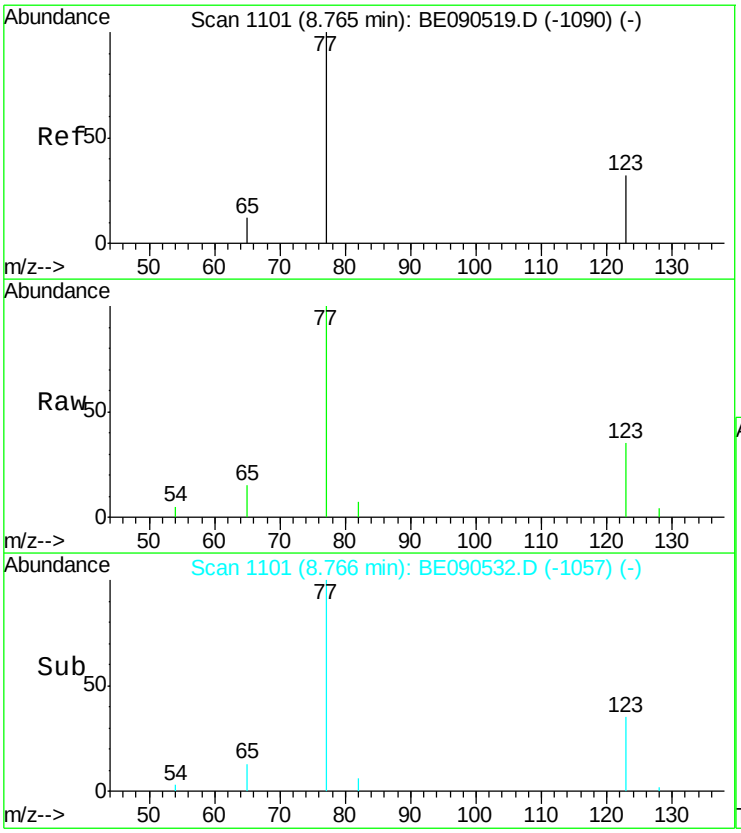
#7
Nitrobenzene-d5
Concen: 1.05 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 9623

Ion	Ratio	Lower	Upper
82	100		
128	34.6	25.0	37.6
54	54.3	48.8	73.2

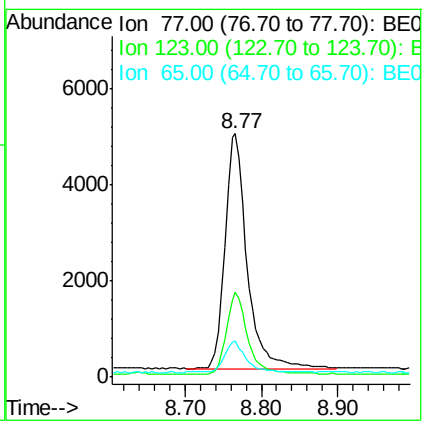


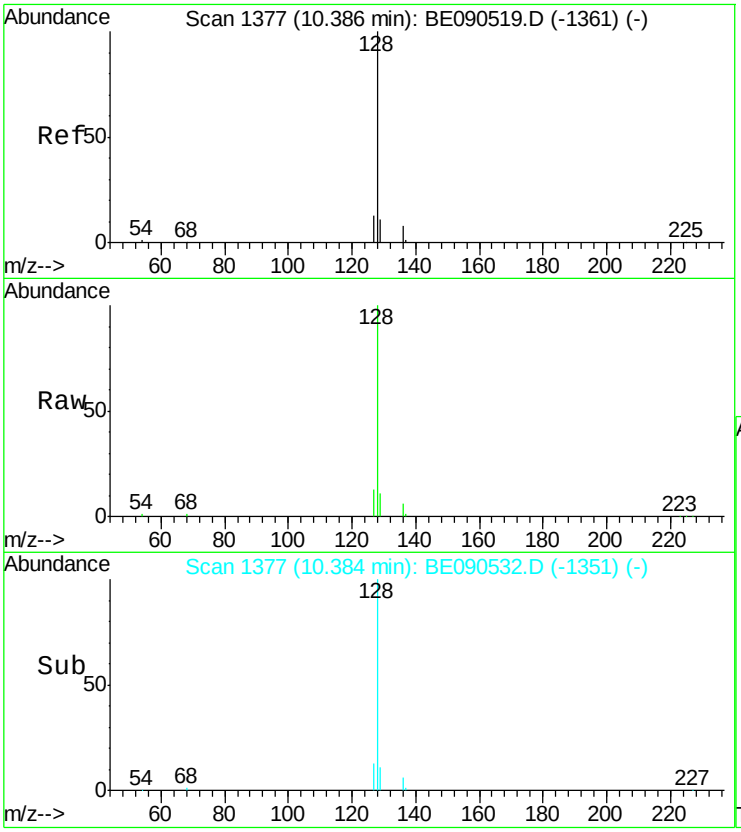


#8
Nitrobenzene
Concen: 1.04 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion: 77 Resp: 9899

Ion	Ratio	Lower	Upper
77	100		
123	34.2	25.1	37.7
65	12.3	9.3	13.9



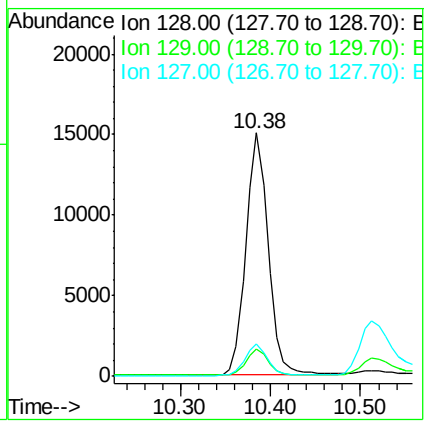


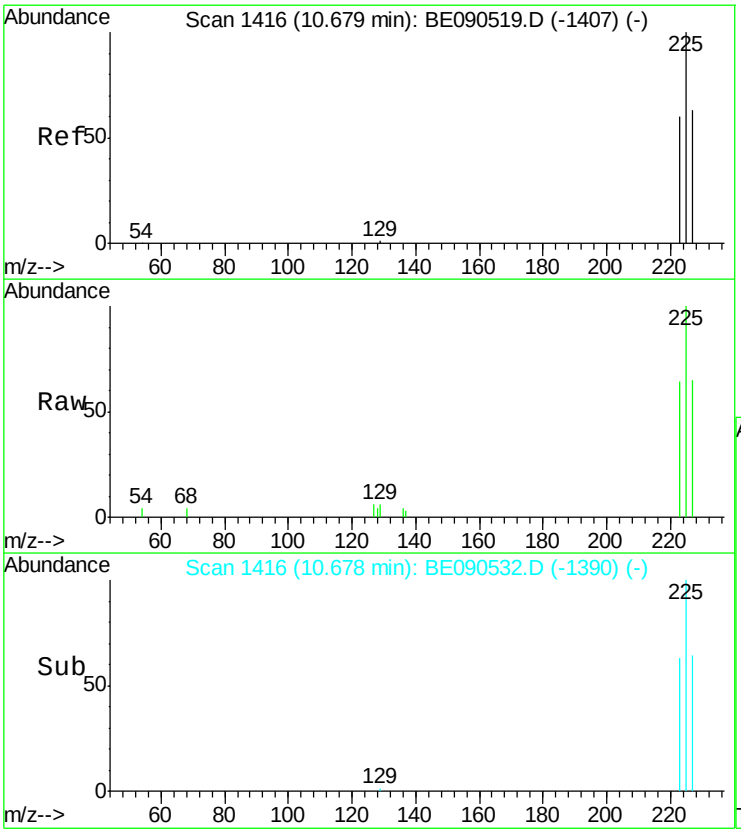
#9
Naphthalene
Concen: 0.99 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 25833

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.3	10.6	16.0

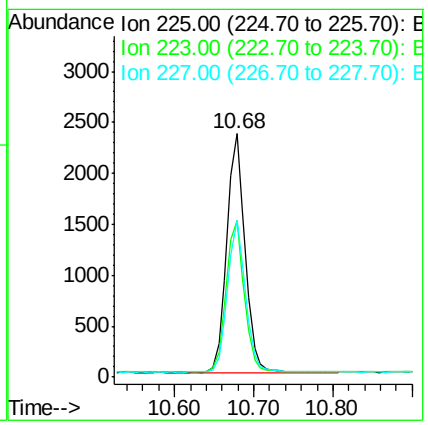


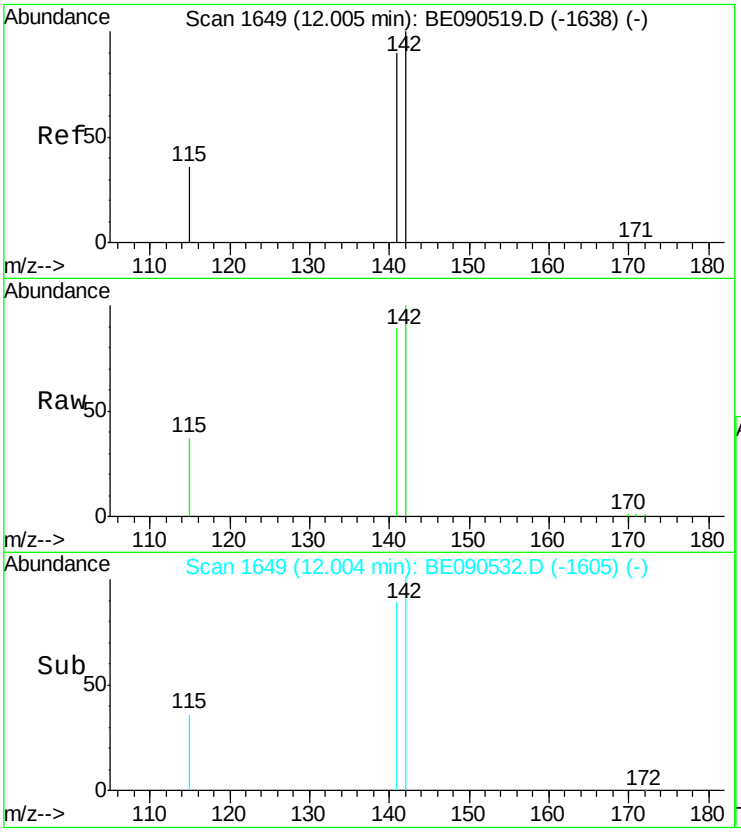


#10
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:225 Resp: 3764

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.3	50.7	76.1



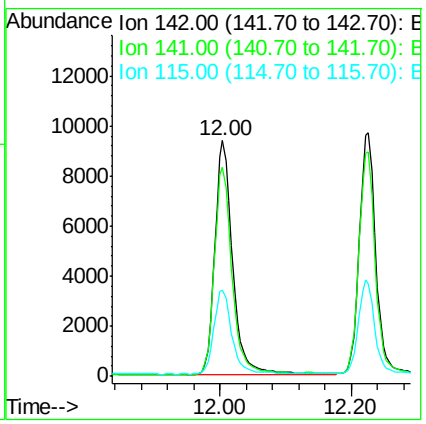


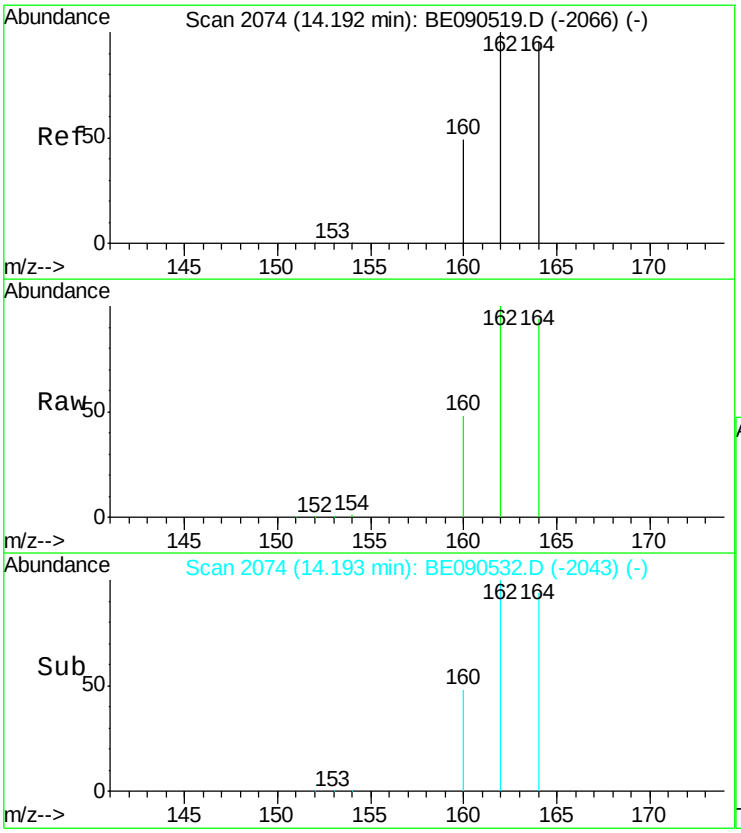
#11
2-Methylnaphthalene
Concen: 1.03 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 17666

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	109.0
115	36.8	31.6	47.4

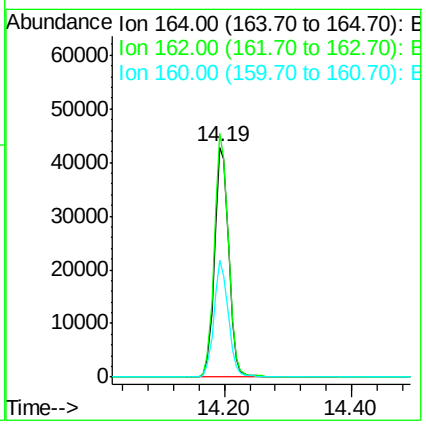


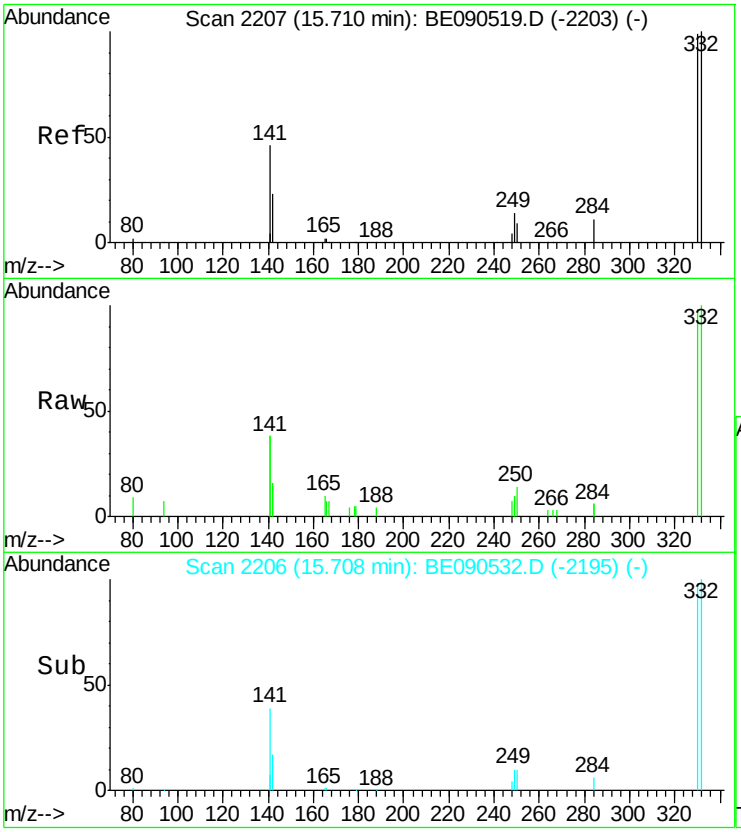


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:164 Resp: 65790

Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.8	122.8
160	51.0	44.2	66.4



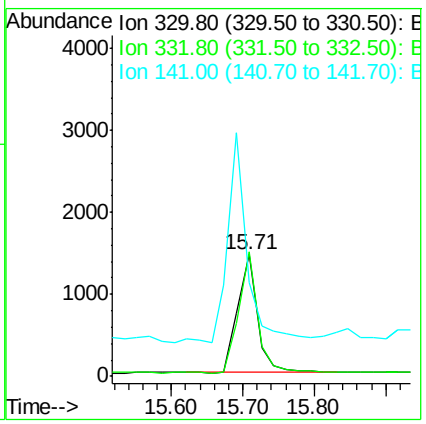


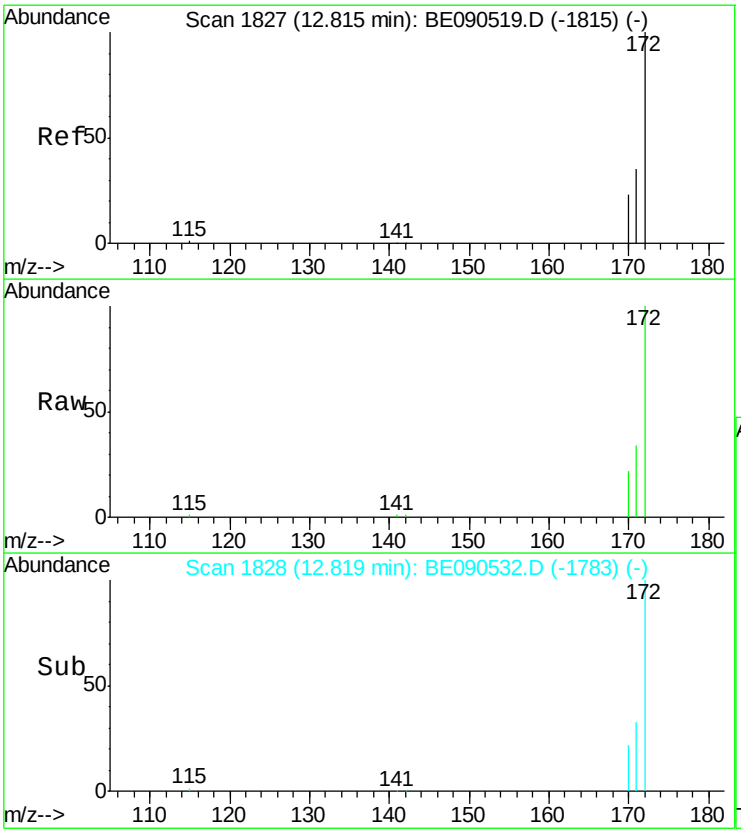
#13
2,4,6-Tribromophenol
Concen: 1.10 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2793

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.8	113.6
141	171.8	114.4	171.6#

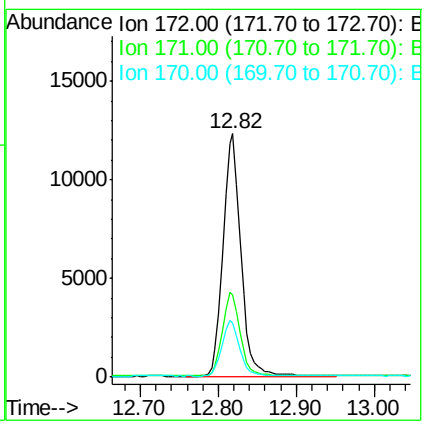


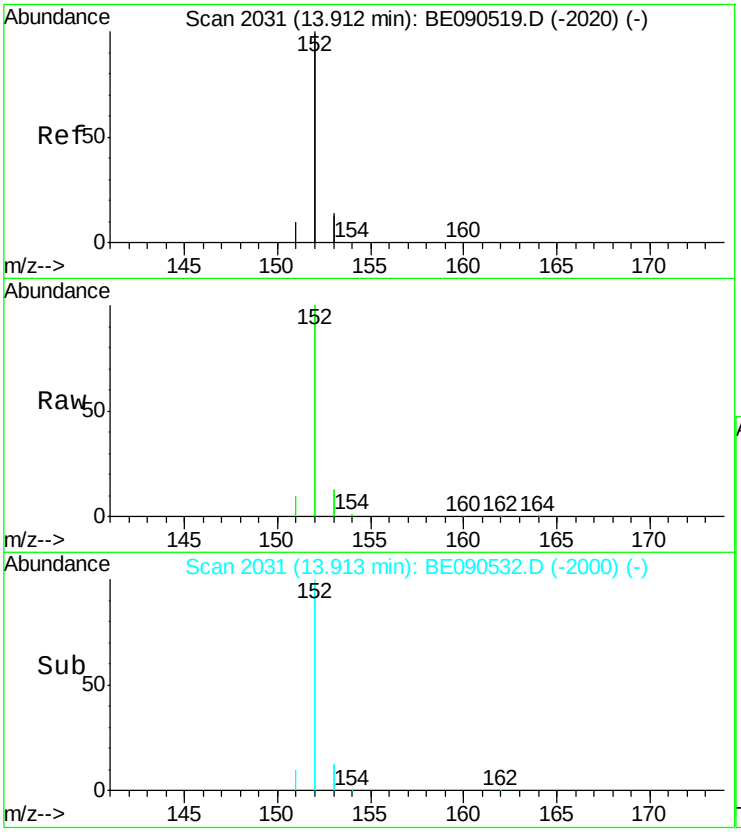


#14
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:172 Resp: 19557

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.3	19.8	29.8



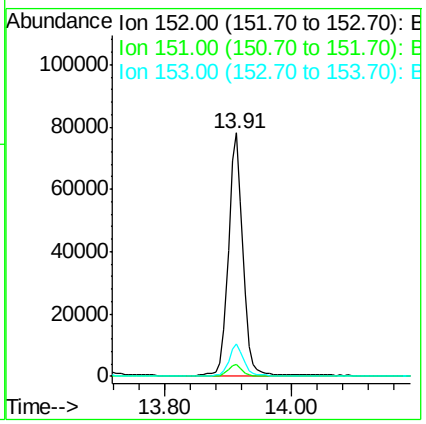


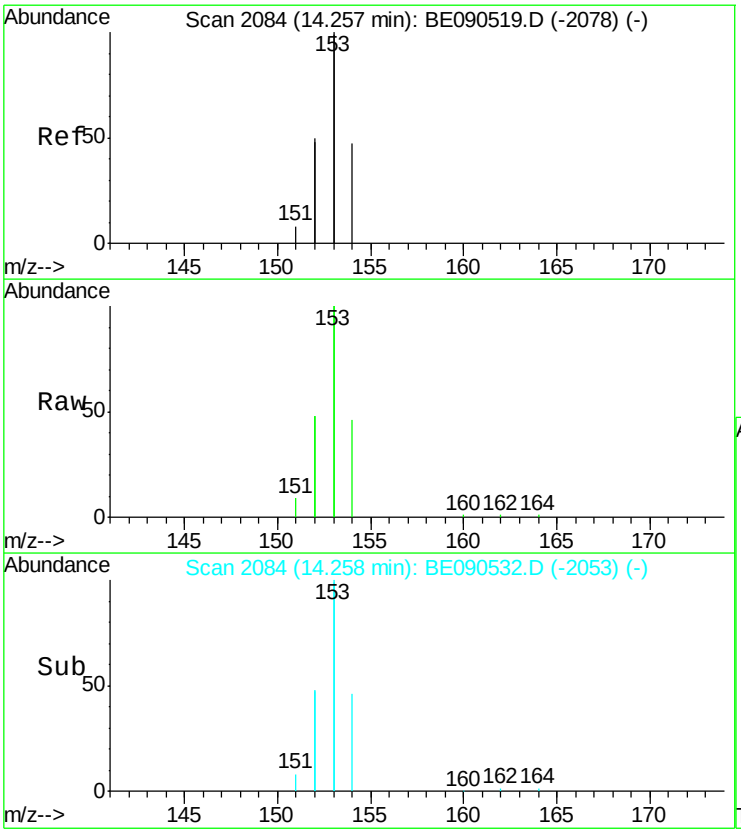
#15
Acenaphthylene
Concen: 1.01 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 121257

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.3	15.5

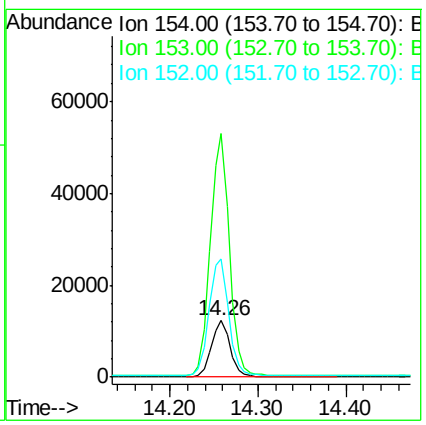


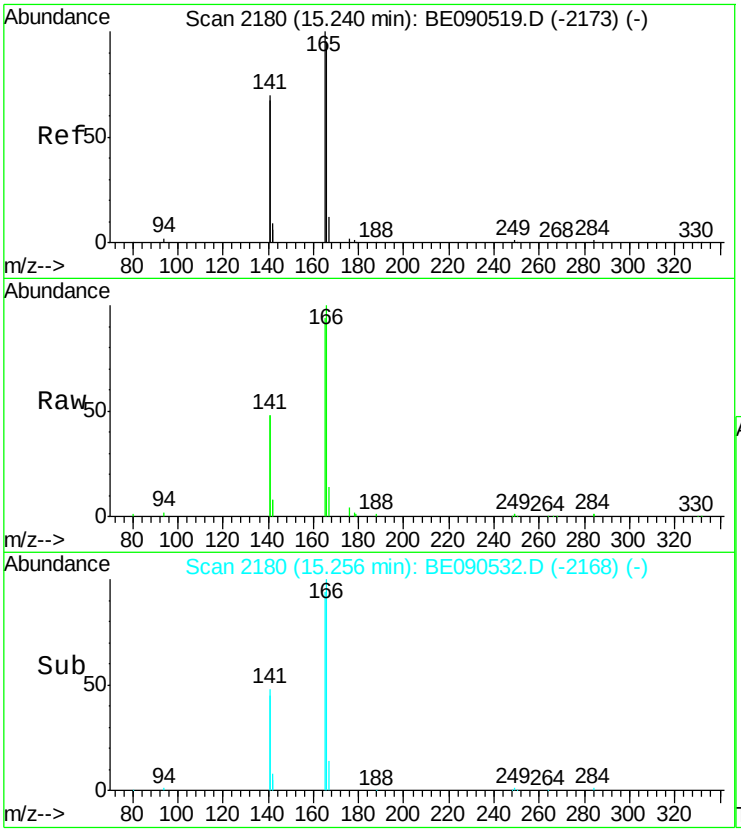


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:154 Resp: 17973

Ion	Ratio	Lower	Upper
154	100		
153	436.0	376.2	564.2
152	217.5	235.0	352.4#



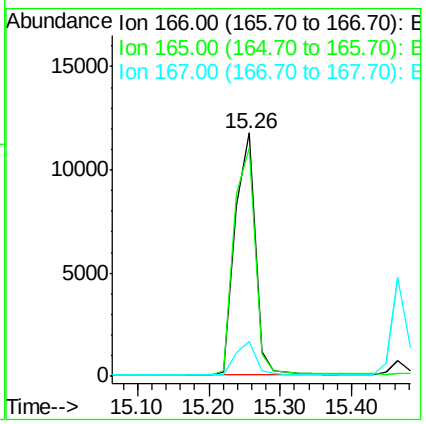


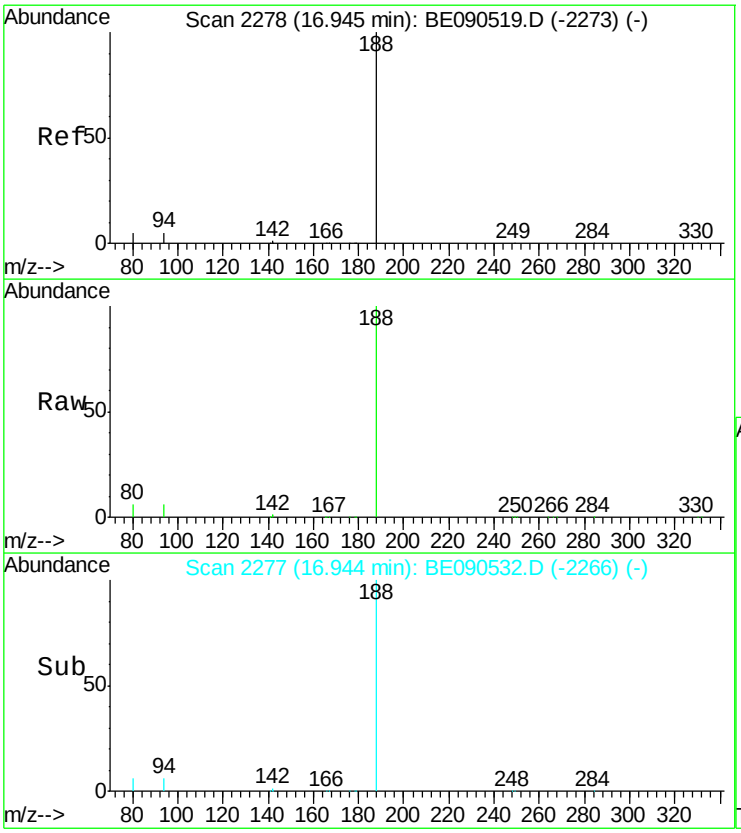
#17
Fluorene
Concen: 1.02 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 22541

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.5	122.3
167	14.0	11.4	17.0

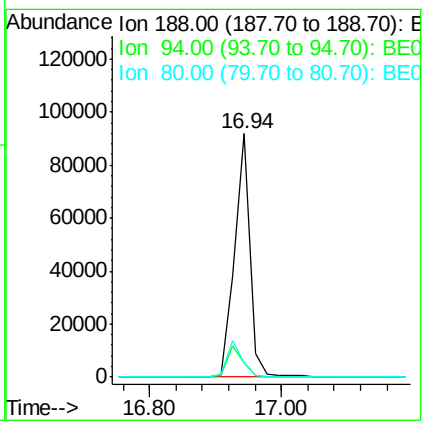


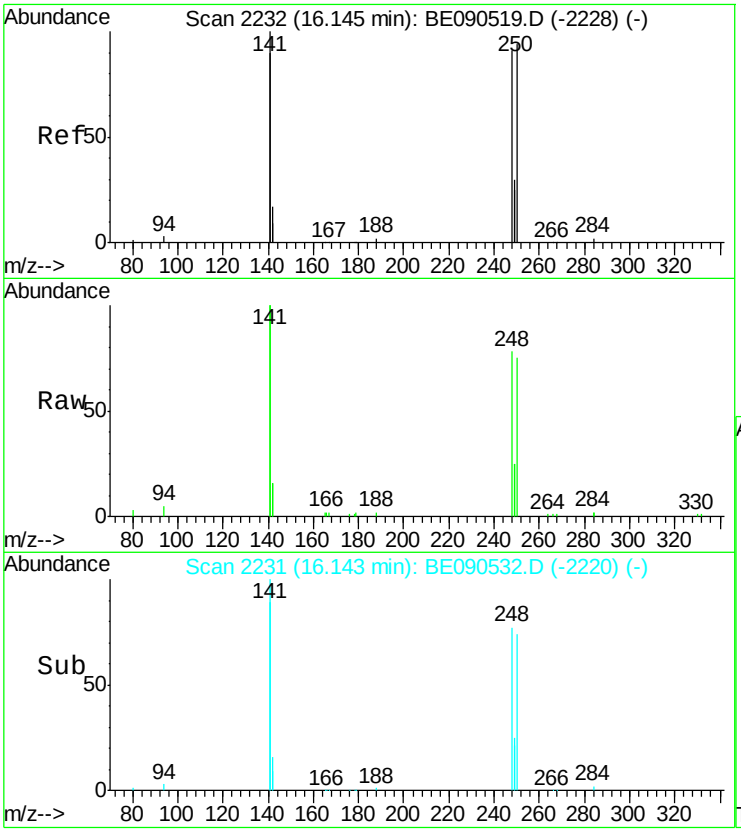


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:188 Resp: 148380

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	5.9	5.8	8.8



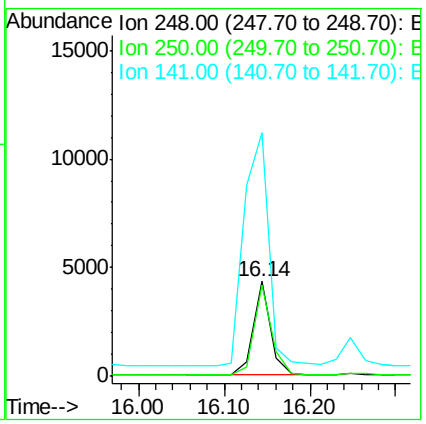


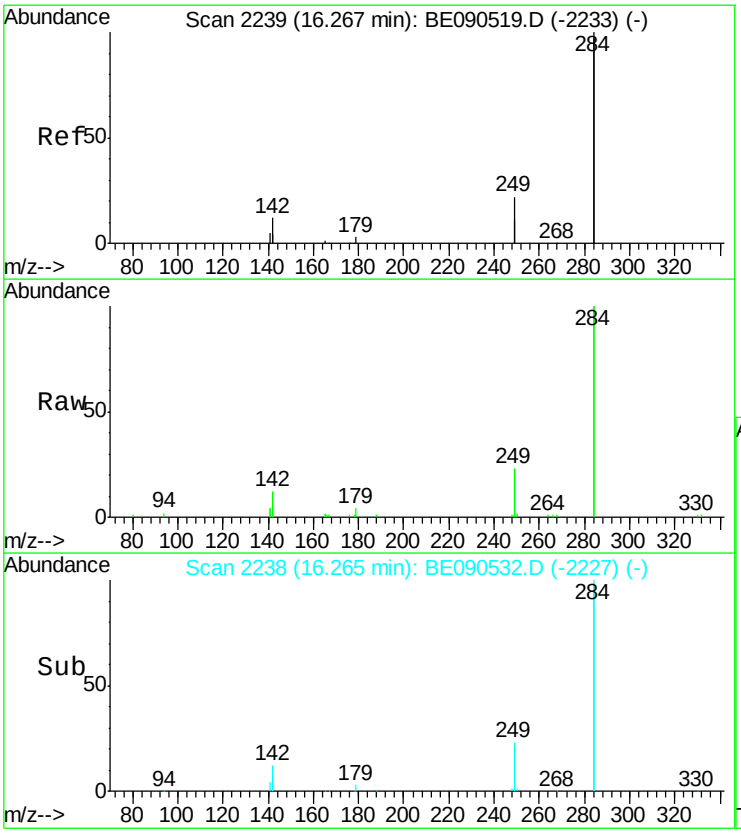
#19
4-Bromophenyl-phenylether
Concen: 1.02 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 6190

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	342.0	239.5	359.3

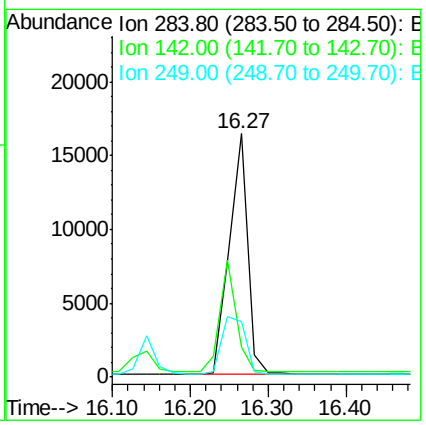


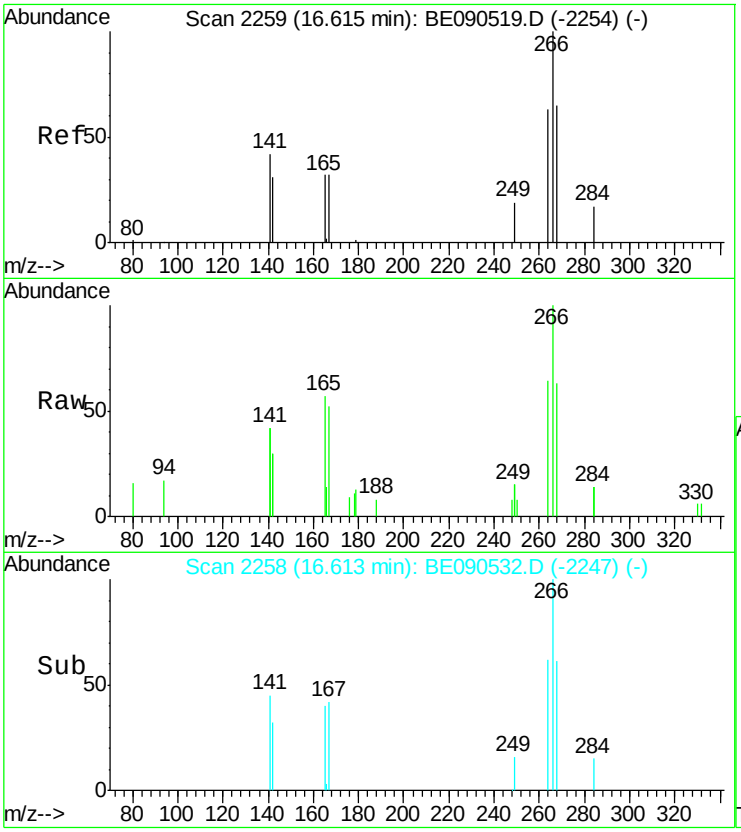


#20
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:284 Resp: 26776

Ion	Ratio	Lower	Upper
284	100		
142	40.8	30.1	45.1
249	30.2	25.7	38.5



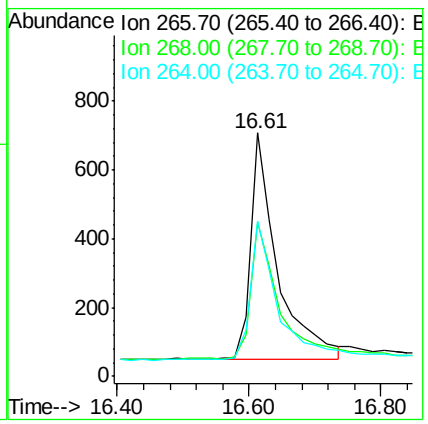


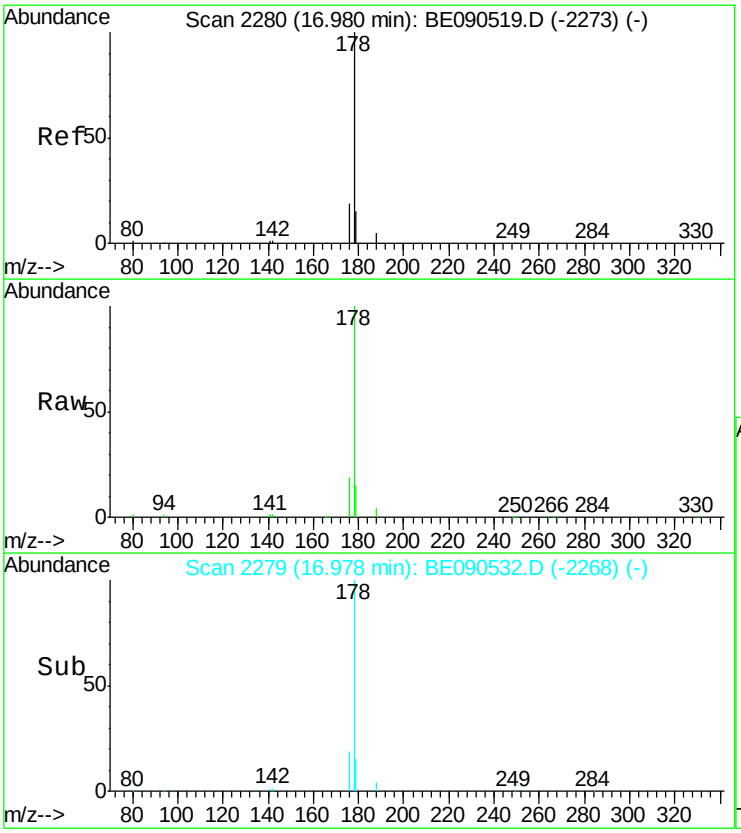
#21
Pentachlorophenol
Concen: 0.85 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 1866

Ion	Ratio	Lower	Upper
266	100		
268	63.3	58.5	87.7
264	64.0	56.0	84.0

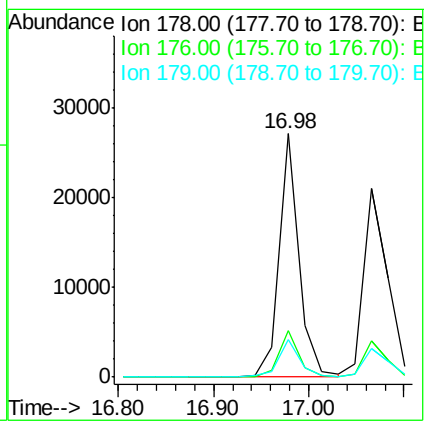


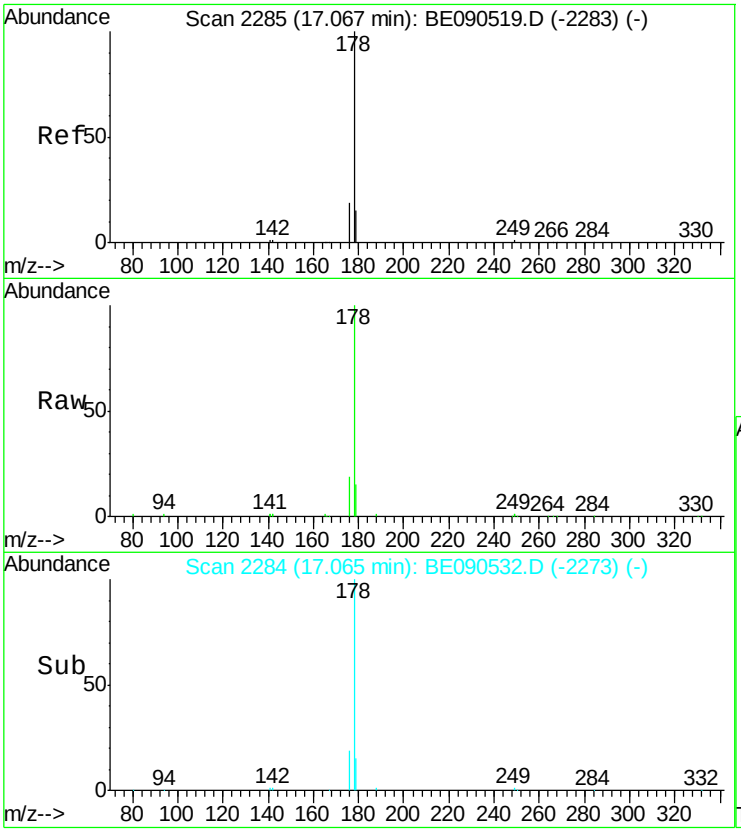


#22
Phenanthrene
Concen: 0.99 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:178 Resp: 38445

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.6	12.5	18.7



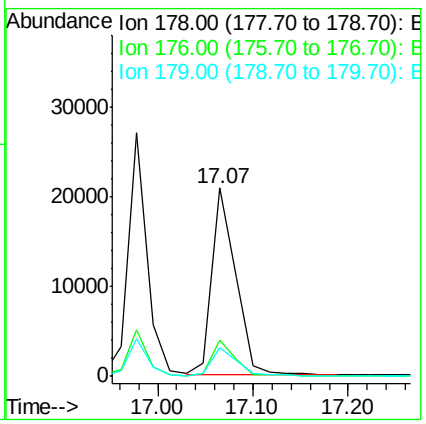


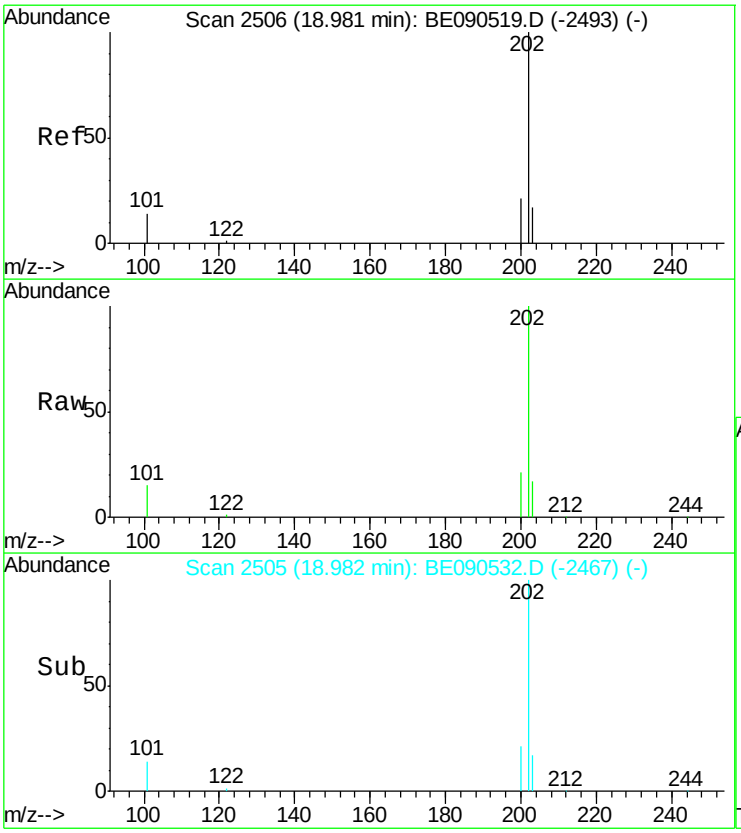
#23
Anthracene
Concen: 1.01 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 36379

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.2	18.4

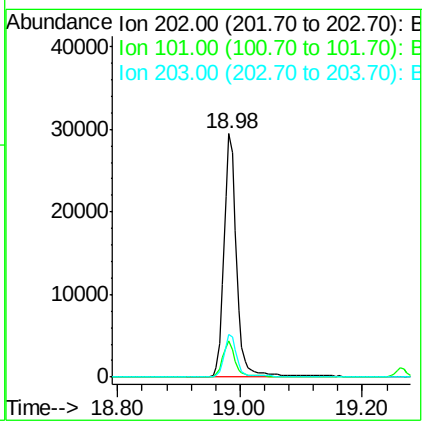


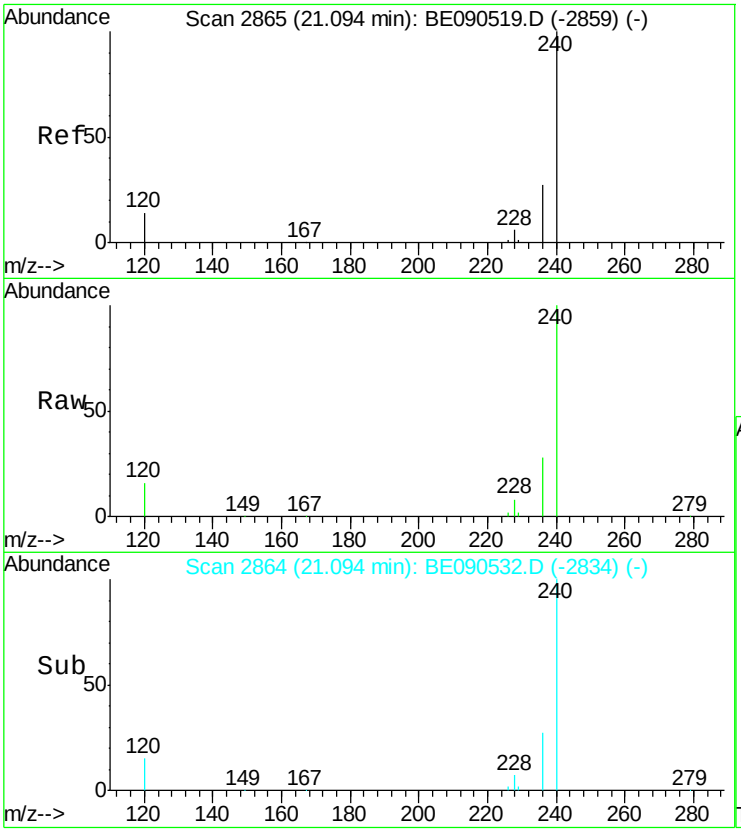


#24
Fluoranthene
Concen: 1.02 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:202 Resp: 42200

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.3	13.7	20.5



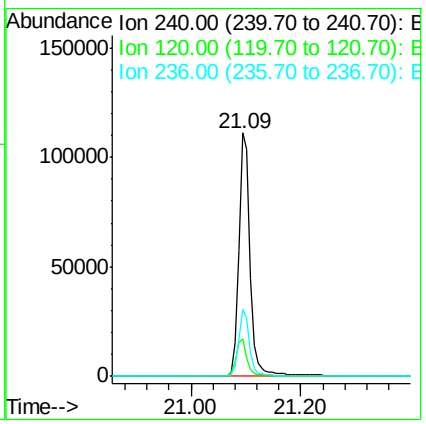


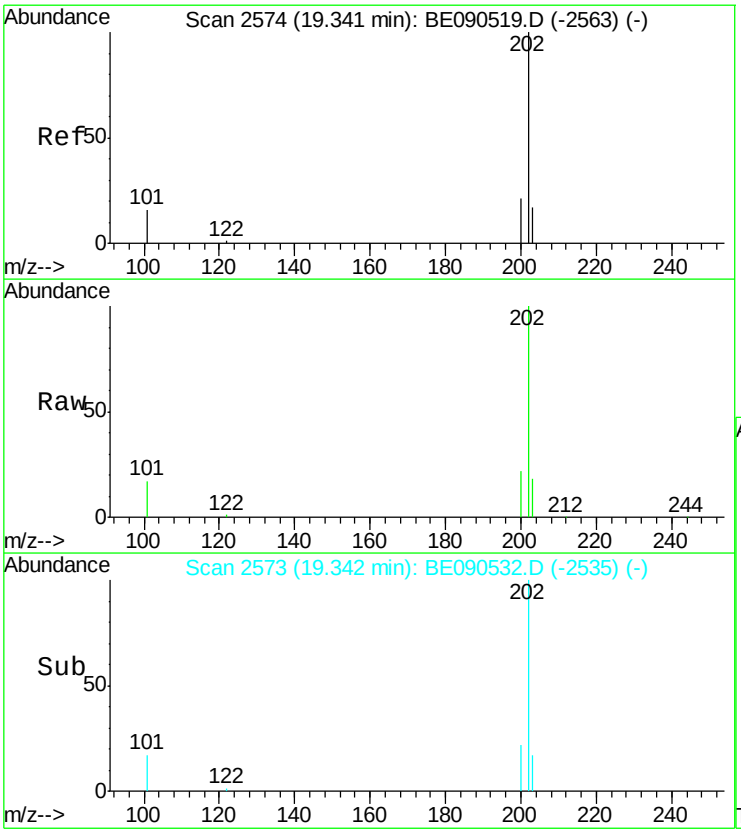
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 152813

Ion	Ratio	Lower	Upper
240	100		
120	15.6	8.3	12.5#
236	27.5	21.0	31.4

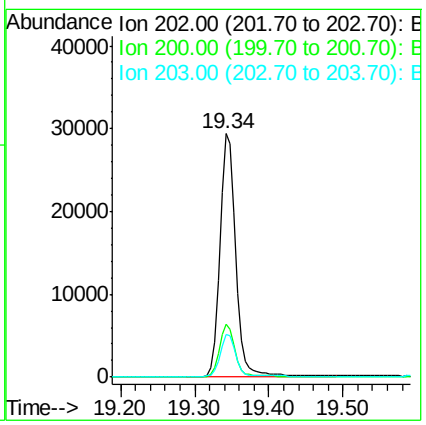


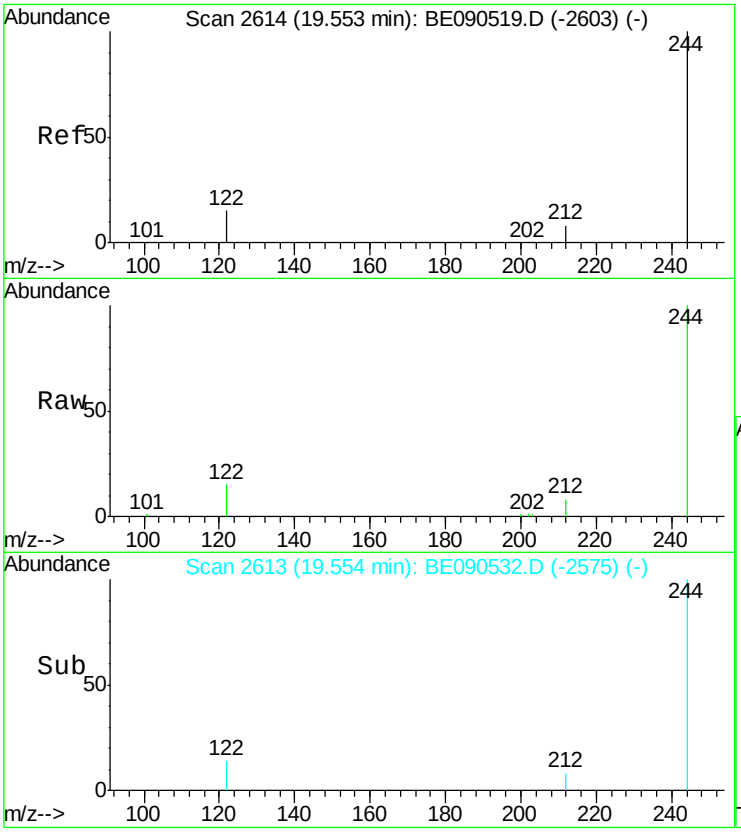


#26
Pyrene
Concen: 1.00 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:202 Resp: 43875

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.5	13.8	20.8



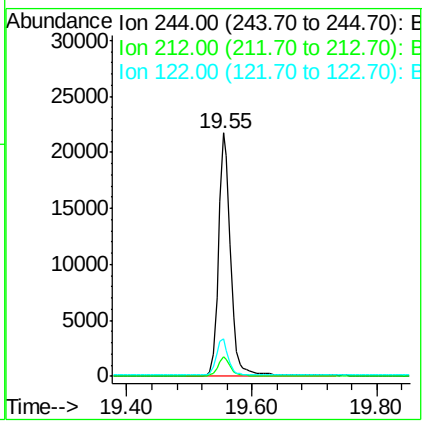


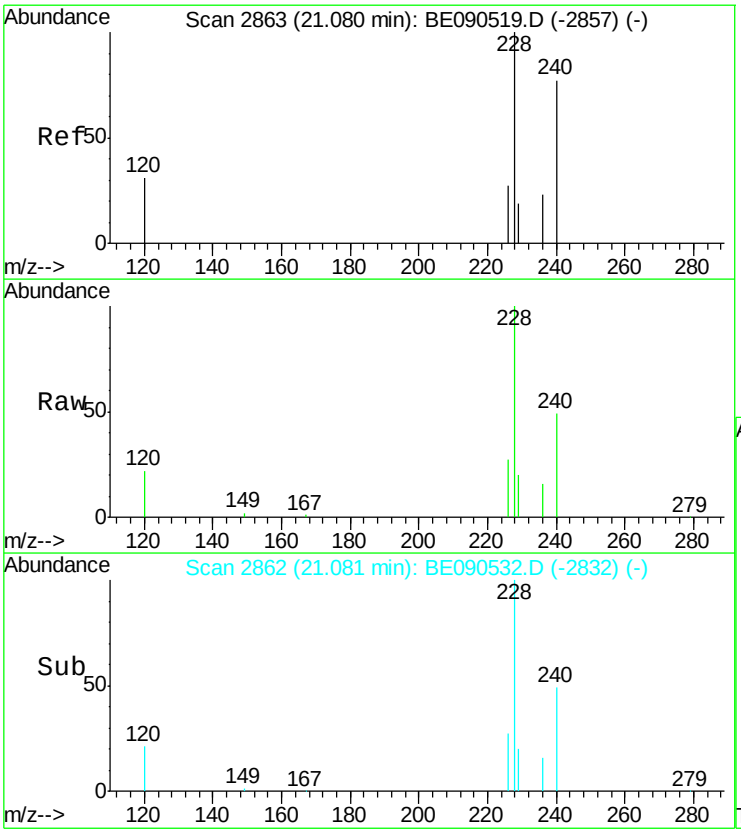
#27
Terphenyl-d14
Concen: 1.03 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 28898

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	15.2	10.2	15.4

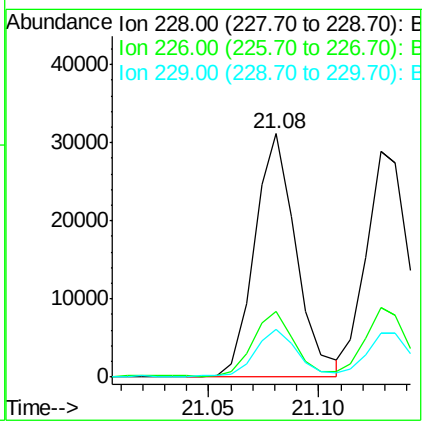


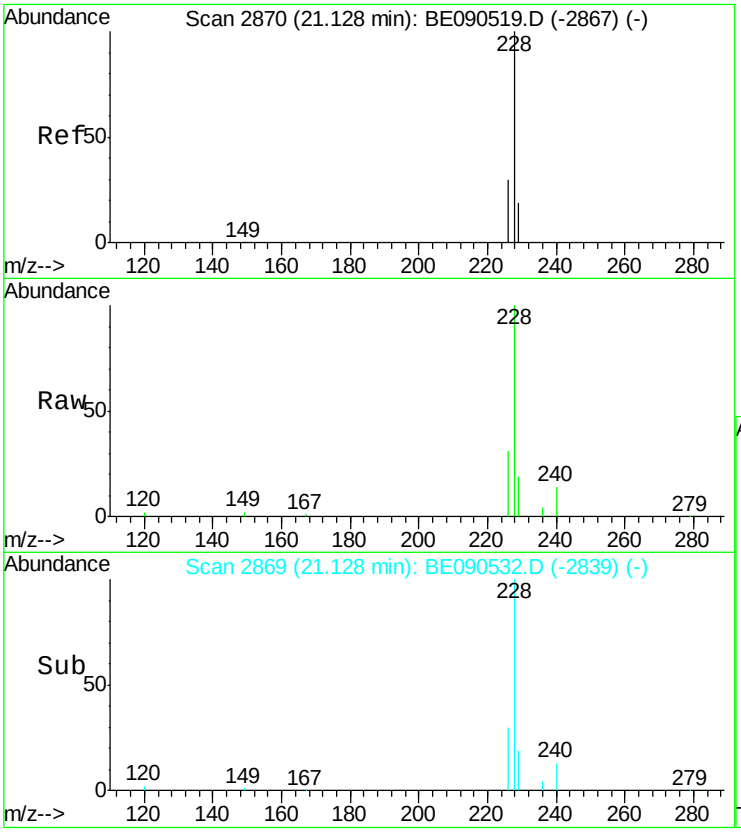


#28
Benzo(a)anthracene
Concen: 1.01 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:228 Resp: 40718

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.9	32.9
229	19.8	15.4	23.0



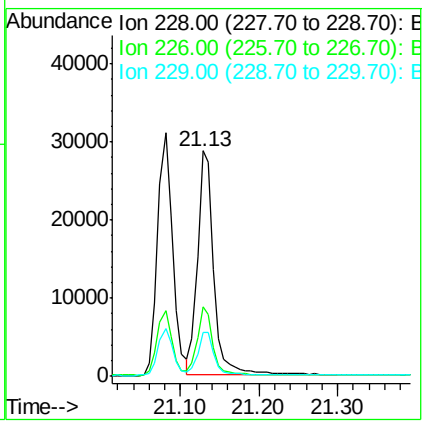


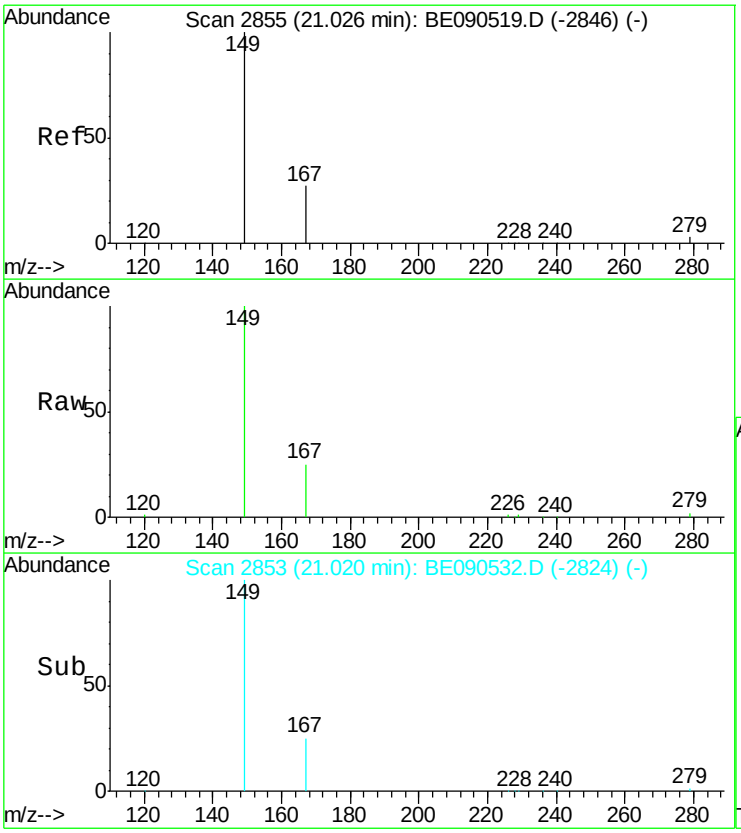
#29
Chrysene
Concen: 1.01 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 41625

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.1	34.7
229	19.3	15.8	23.8

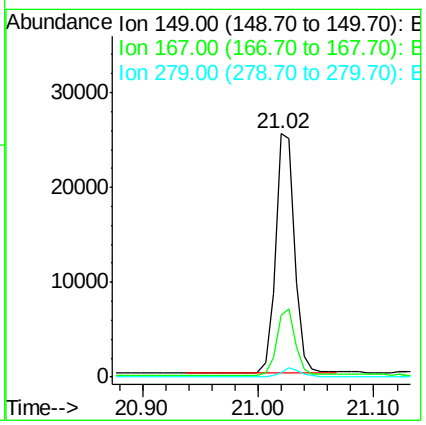


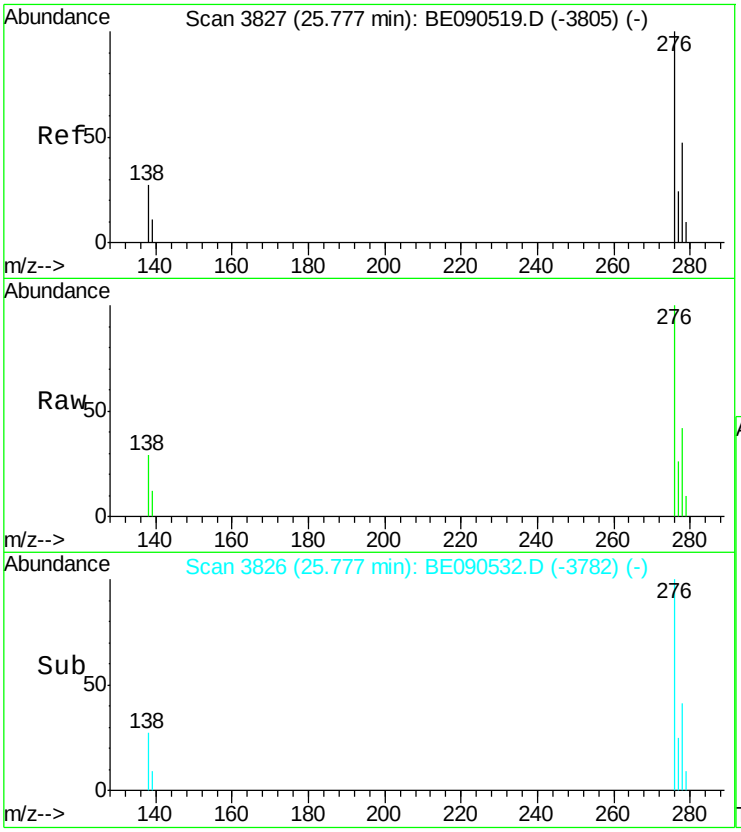


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.33 ng
RT: 21.02 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:149 Resp: 29424

Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.2	2.4	3.6



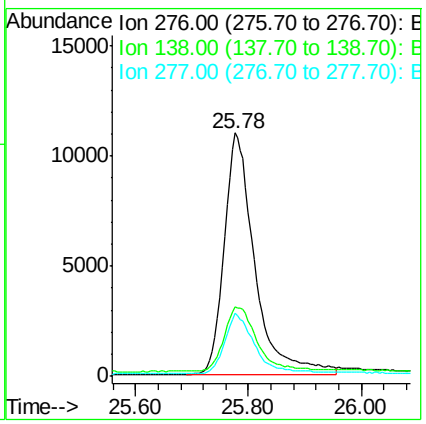


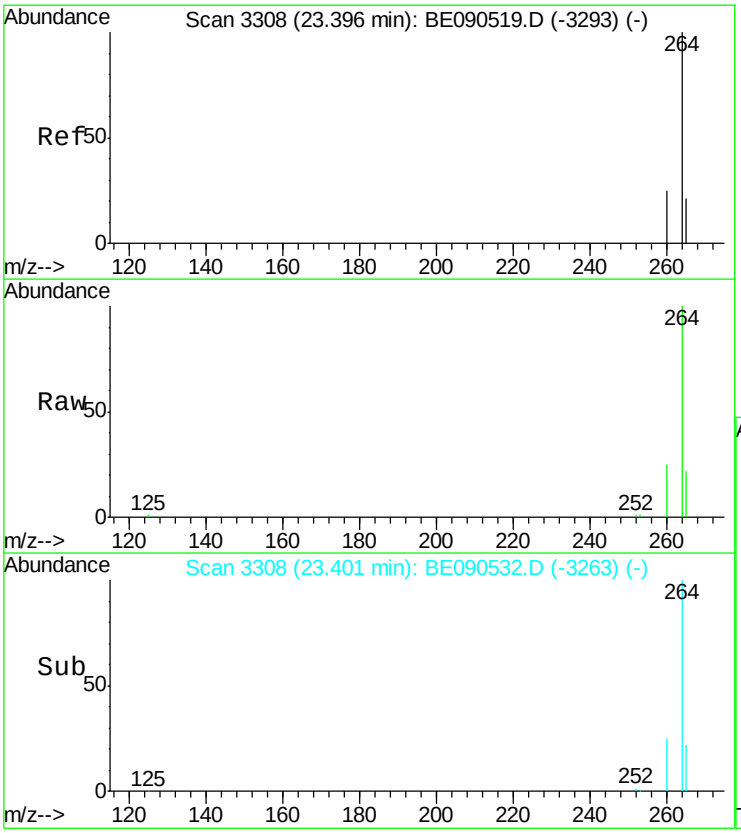
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng
RT: 25.78 min Scan# 3826
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 40449

Ion	Ratio	Lower	Upper
276	100		
138	28.1	18.8	28.2
277	24.9	18.2	27.4

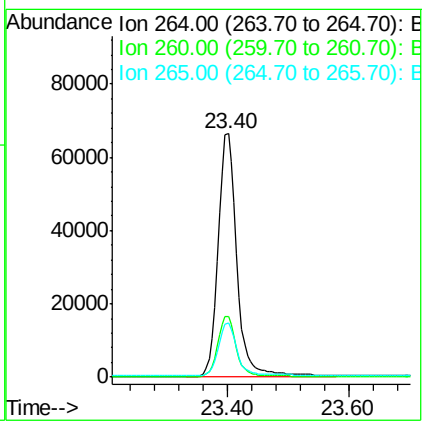


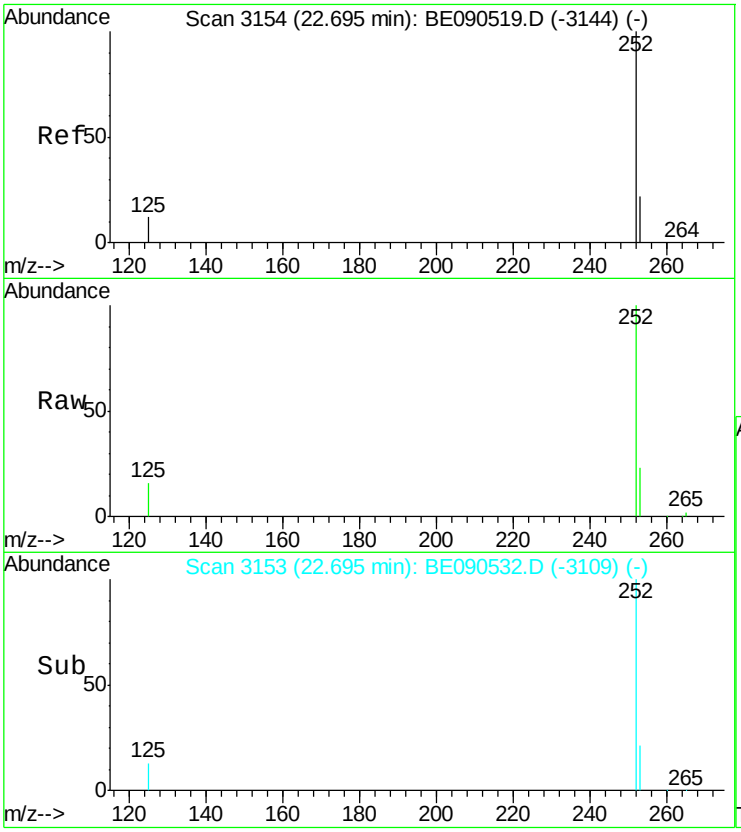


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.01 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:264 Resp: 143391

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.4	17.2	25.8



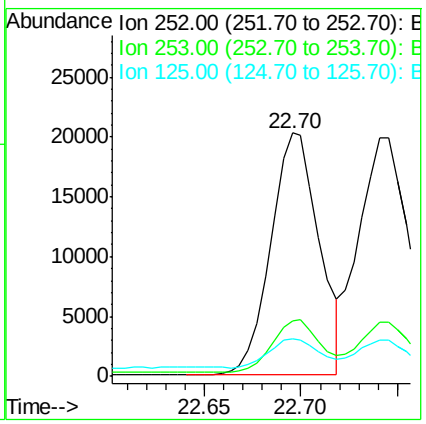


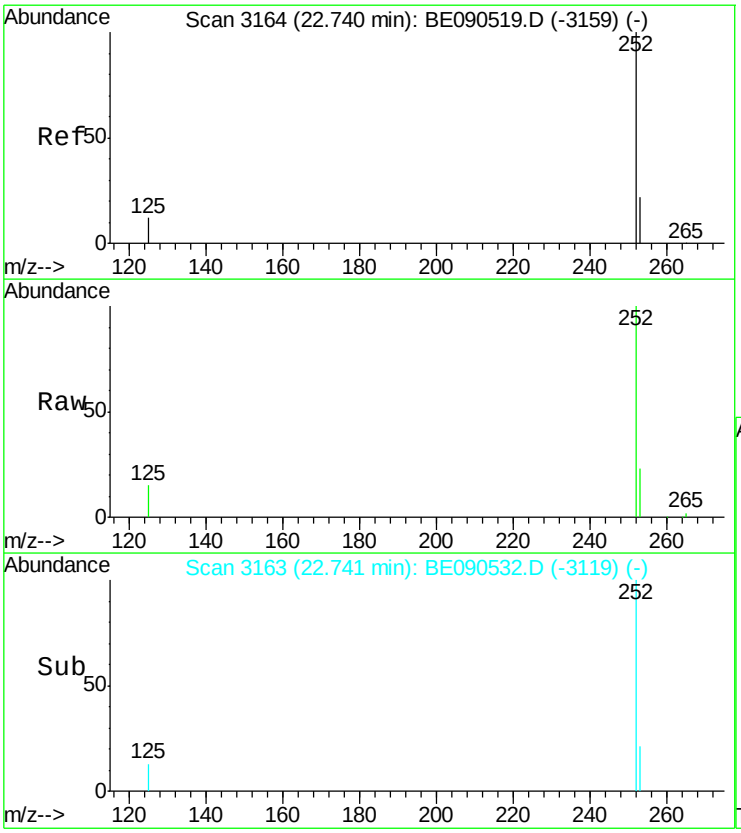
#33
Benzo(b)fluoranthene
Concen: 1.03 ng
RT: 22.70 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35057

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.7	9.4	14.2#

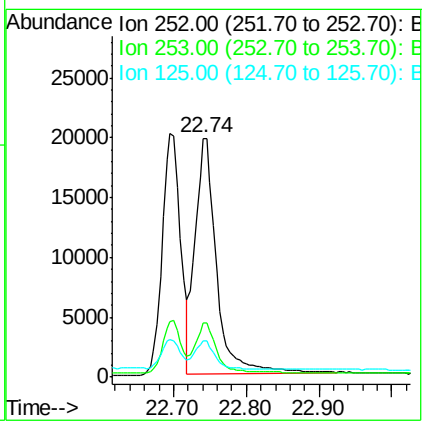


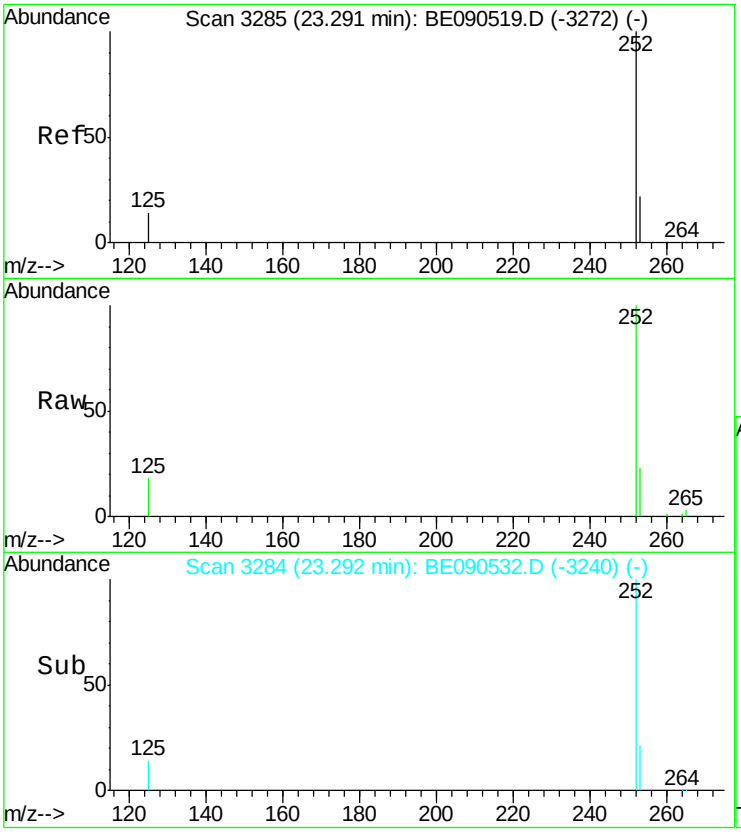


#34
Benzo(k)fluoranthene
Concen: 1.05 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:252 Resp: 40246

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.4	9.1	13.7#



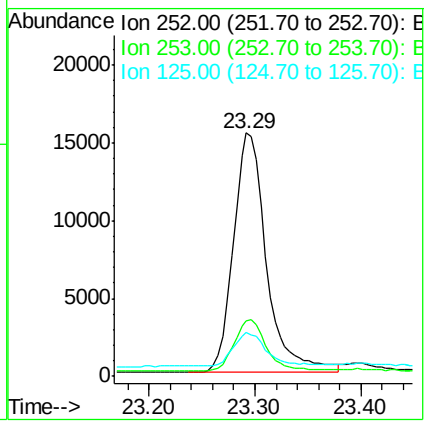


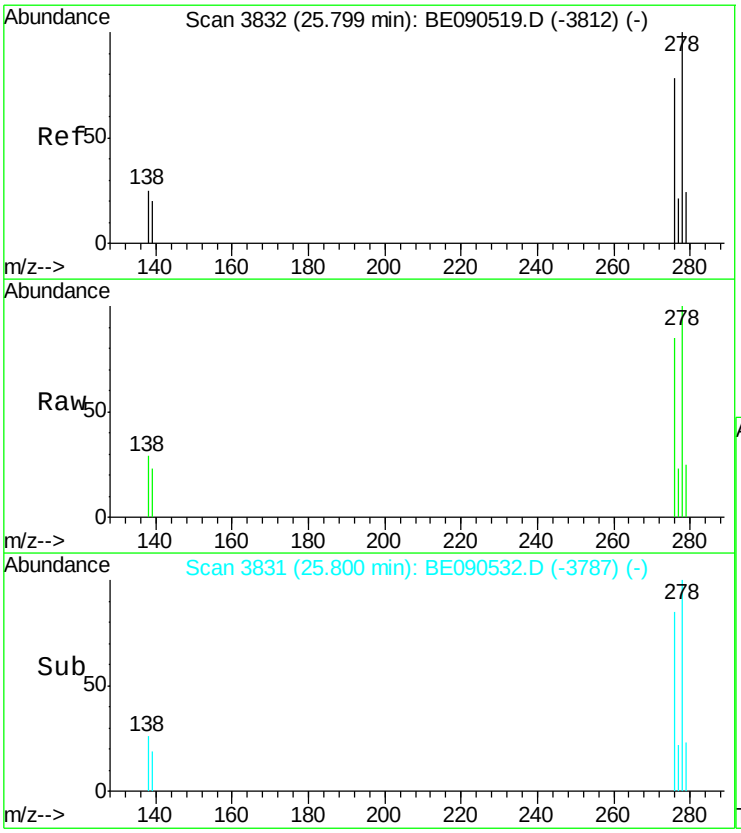
#35
Benzo(a)pyrene
Concen: 1.06 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33692

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	18.1	9.8	14.6#

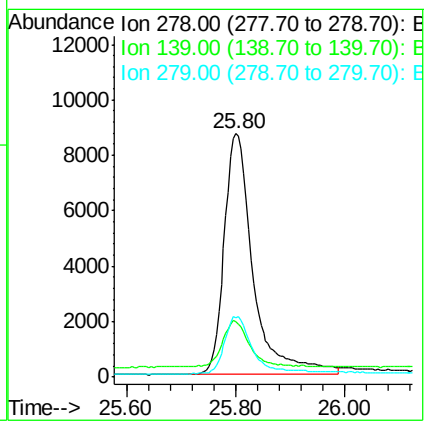


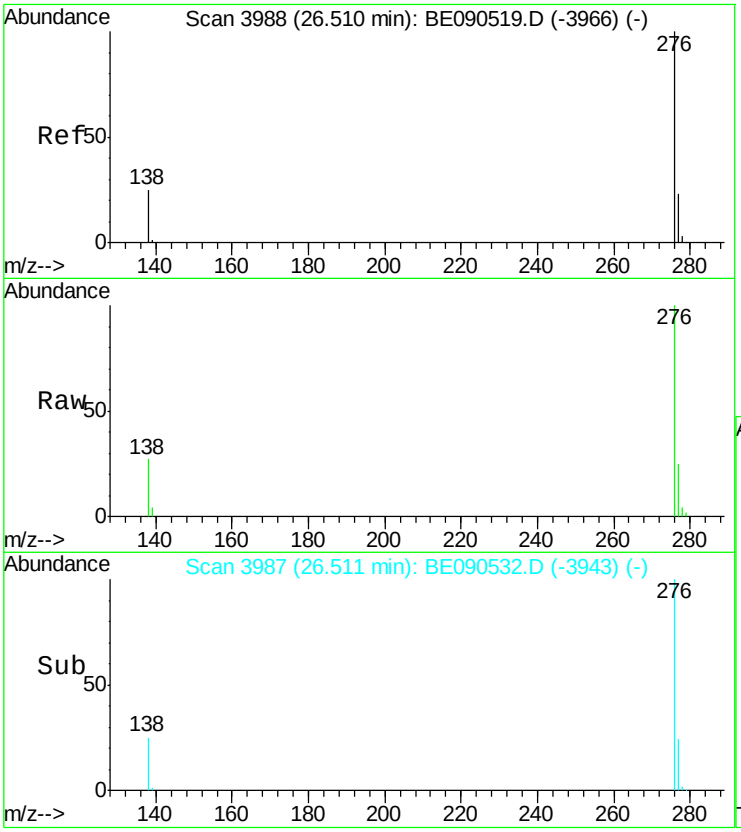


#36
Dibenzo(a,h)anthracene
Concen: 1.05 ng
RT: 25.80 min Scan# 3831
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:278 Resp: 32287

Ion	Ratio	Lower	Upper
278	100		
139	23.0	14.2	21.4#
279	24.6	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.05 ng
RT: 26.51 min Scan# 3987
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 35307

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.1	30.1
138	26.9	18.1	27.1