Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090514.D
Acq On : 14 Aug 2015 10:06
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Aug 14 15:26:29 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 15:17:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24995	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	124435	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	69430	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	155622	5.00	ng		0.00
25) Chrysene-d12	21.09	240	160497	5.00	ng		0.00
32) Perylene-d12	23.40	264	147016	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	7341	0.96	ng		0.00
5) Phenol-d6	6.77	99	10760	0.99	ng		0.00
7) Nitrobenzene-d5	8.72	82	9944	1.01	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	2657	1.02	ng		-0.02
14) 2-Fluorobiphenyl	12.81	172	20838	0.96	ng		0.00
27) Terphenyl-d14	19.55	244	29268	0.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3426	0.95	ng		97
3) n-Nitrosodimethylamine	3.48	42	4541	1.01	ng	#	77
8) Nitrobenzene	8.76	77	10308	1.02	ng		97
9) Naphthalene	10.38	128	28230	0.94	ng		99
10) Hexachlorobutadiene	10.68	225	4128	0.93	ng		99
11) 2-Methylnaphthalene	12.00	142	18895	0.98	ng		96
15) Acenaphthylene	13.91	152	127444	0.97	ng		100
16) Acenaphthene	14.25	154	18965	0.94	ng	#	79
17) Fluorene	15.24	166	23661	0.96	ng		99
19) 4-Bromophenyl-phenylether	16.14	248	6476	0.96	ng		86
20) Hexachlorobenzene	16.27	284	27689	0.92	ng		94
21) Pentachlorophenol	16.61	266	2317	1.11	ng		91
22) Phenanthrene	16.98	178	39909	0.92	ng		100
23) Anthracene	17.07	178	37769	0.97	ng		100
24) Fluoranthene	18.98	202	44363	0.98	ng		99
26) Pyrene	19.34	202	45240	0.94	ng		99
28) Benzo(a)anthracene	21.08	228	41104	0.92	ng		98
29) Chrysene	21.13	228	43391	0.95	ng		98
30) Bis(2-ethylhexyl)phthalate	21.03	149	24063	1.06	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	39950	0.97	ng	#	92
33) Benzo(b)fluoranthene	22.70	252	35582	0.98	ng		99
34) Benzo(k)fluoranthene	22.74	252	39843	0.96	ng		98
35) Benzo(a)pyrene	23.29	252	32742	0.99	ng	#	97
36) Dibenzo(a,h)anthracene	25.80	278	31092	0.98	ng		96
37) Benzo(g,h,i)perylene	26.51	276	34362	0.98	ng		96

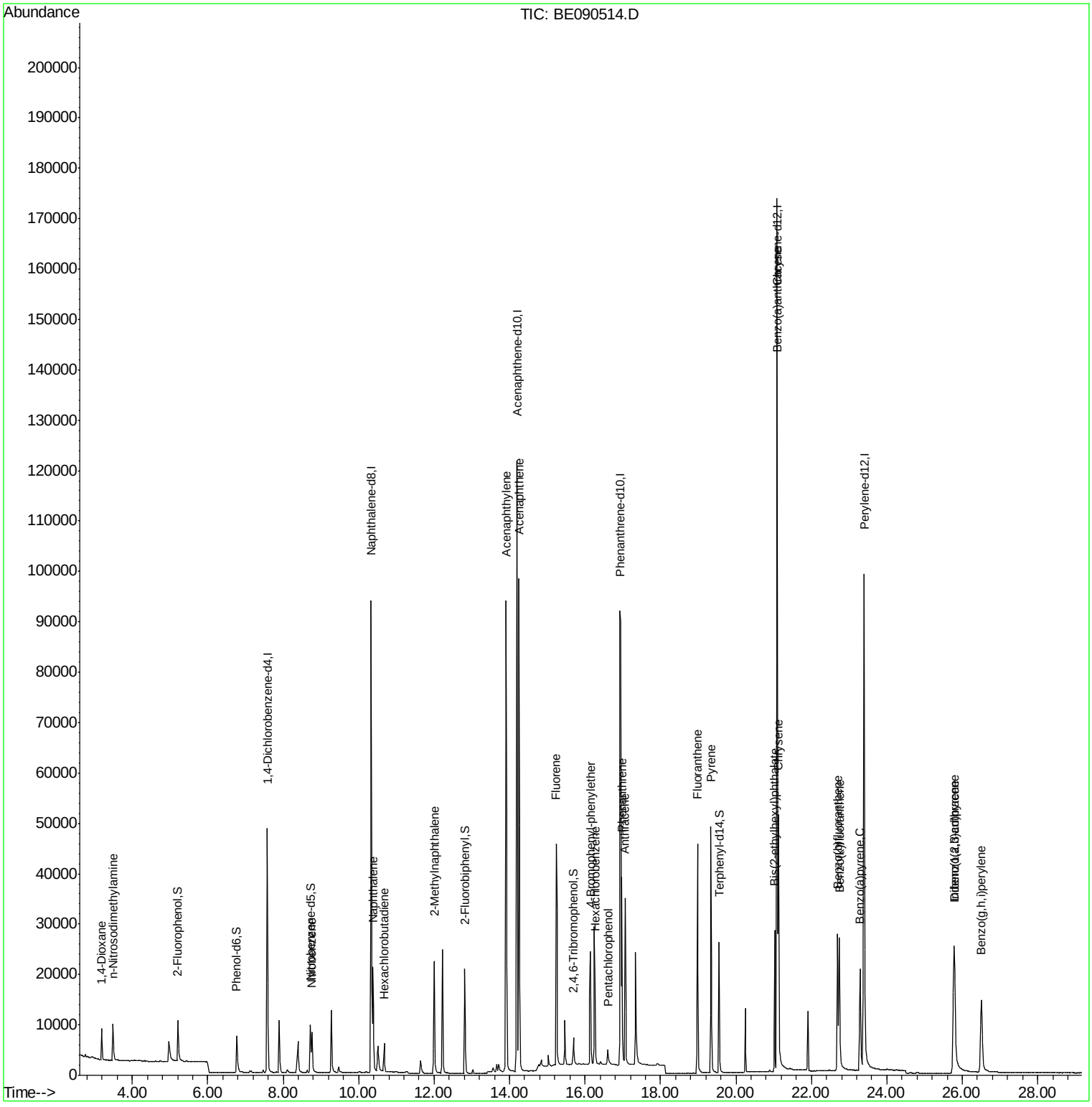
(#) = qualifier out of range (m) = manual integration (+) = signals summed

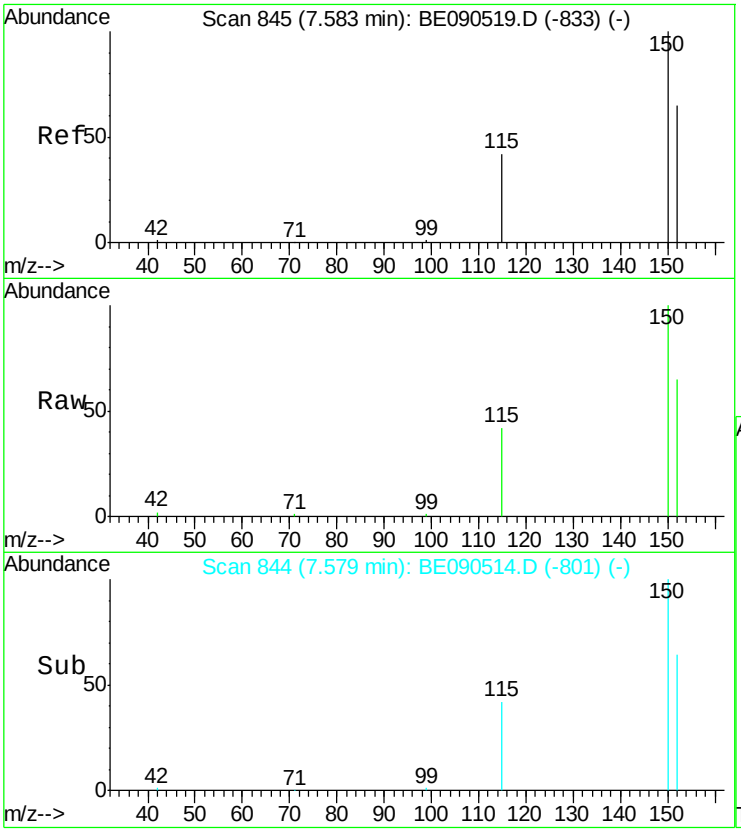
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090514.D
Acq On : 14 Aug 2015 10:06
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Aug 14 15:26:29 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 15:17:14 2015
Response via : Initial Calibration



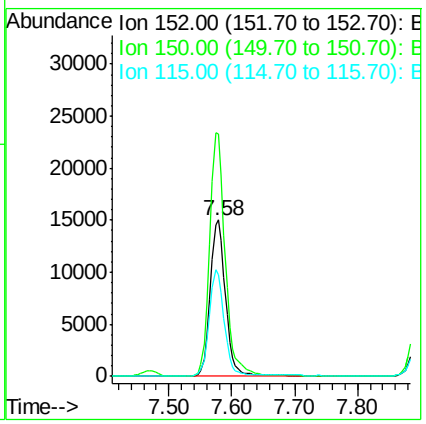


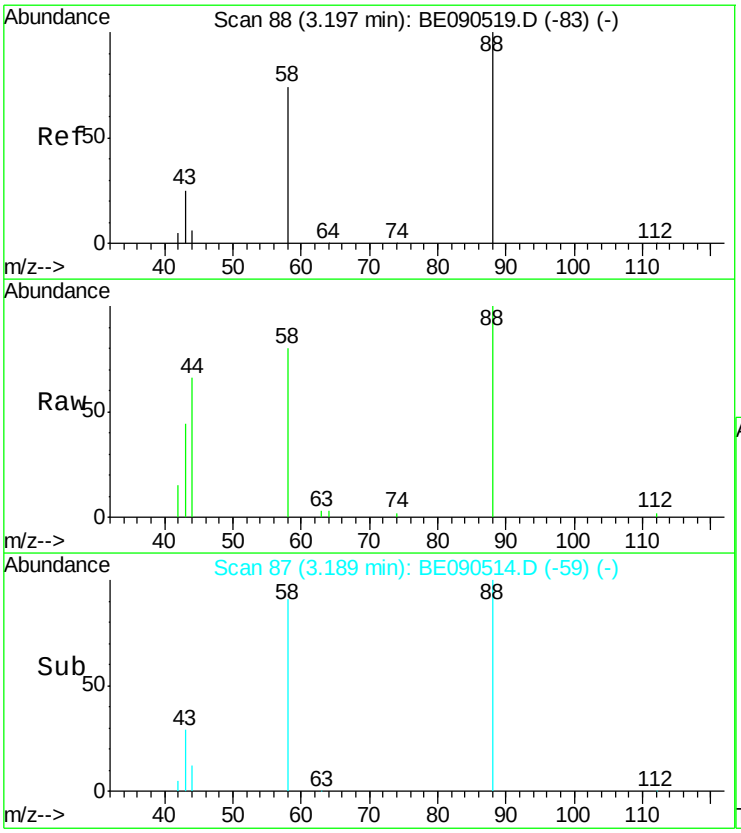
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 24995

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.0	184.4
115	65.5	48.9	73.3

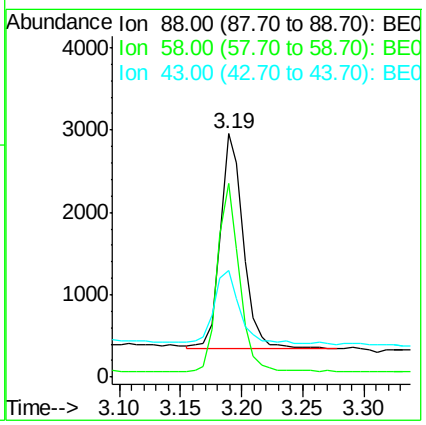


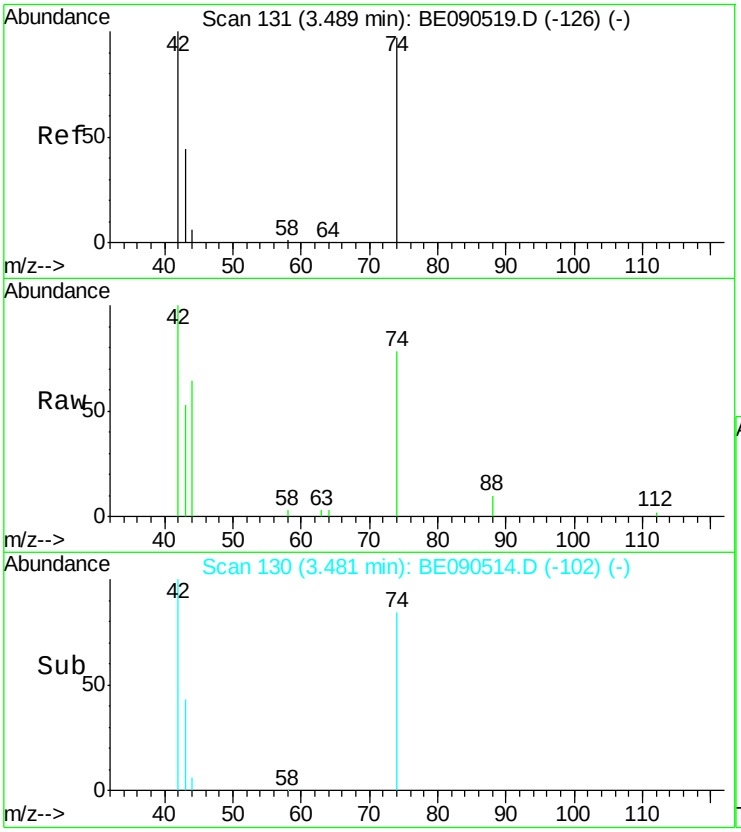


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion: 88 Resp: 3426

Ion	Ratio	Lower	Upper
88	100		
58	84.6	70.0	105.0
43	36.2	28.4	42.6



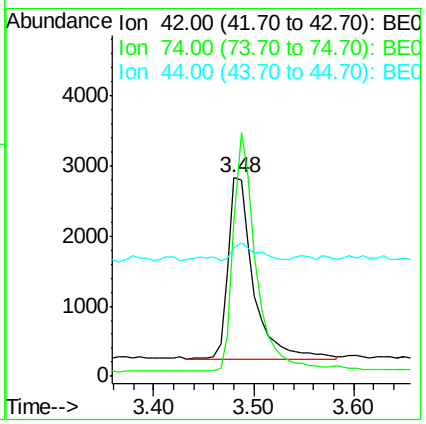


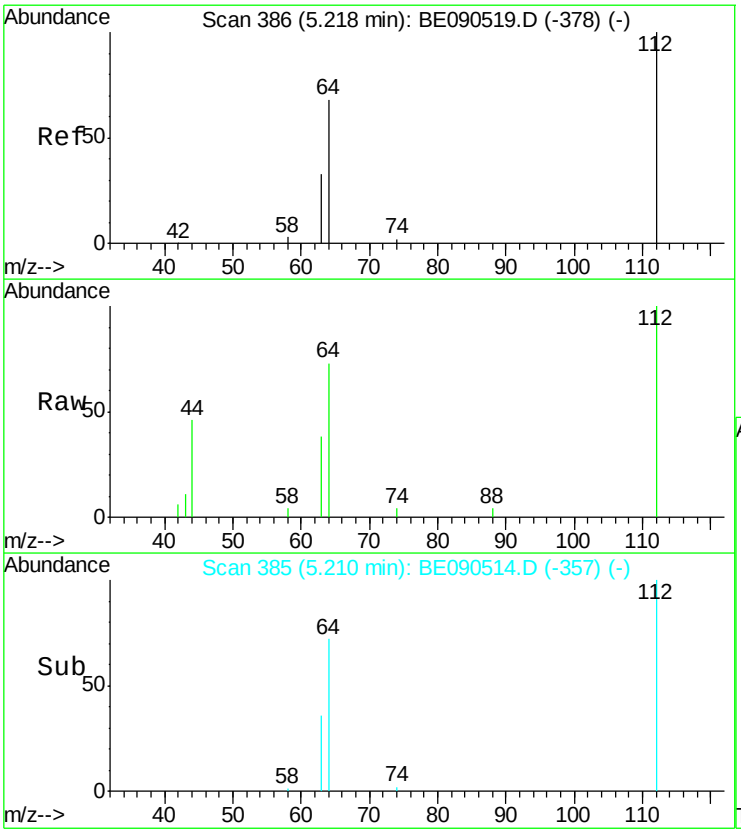
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.01 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 4541

Ion	Ratio	Lower	Upper
42	100		
74	118.1	75.2	112.8#
44	9.1	8.7	13.1

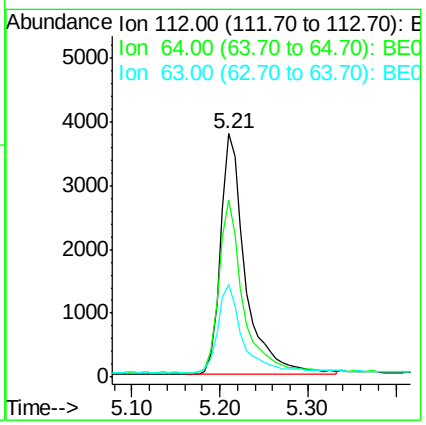


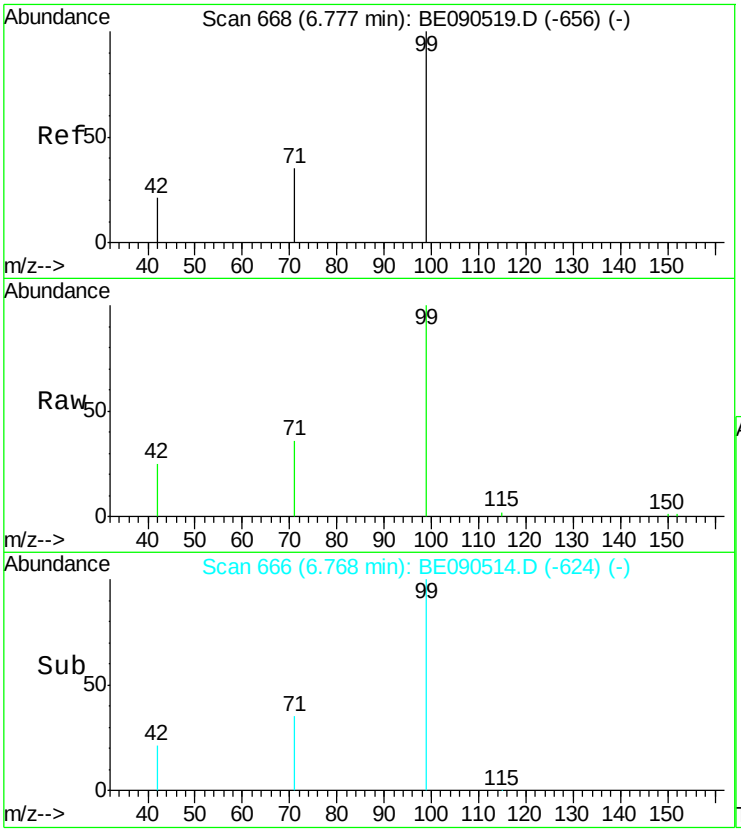


#4
2-Fluorophenol
Concen: 0.96 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:112 Resp: 7341

Ion	Ratio	Lower	Upper
112	100		
64	70.6	37.1	55.7#
63	36.5	19.5	29.3#



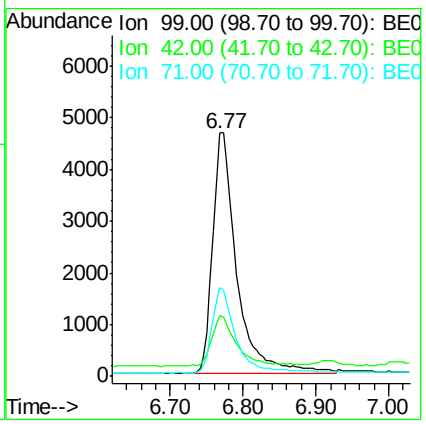


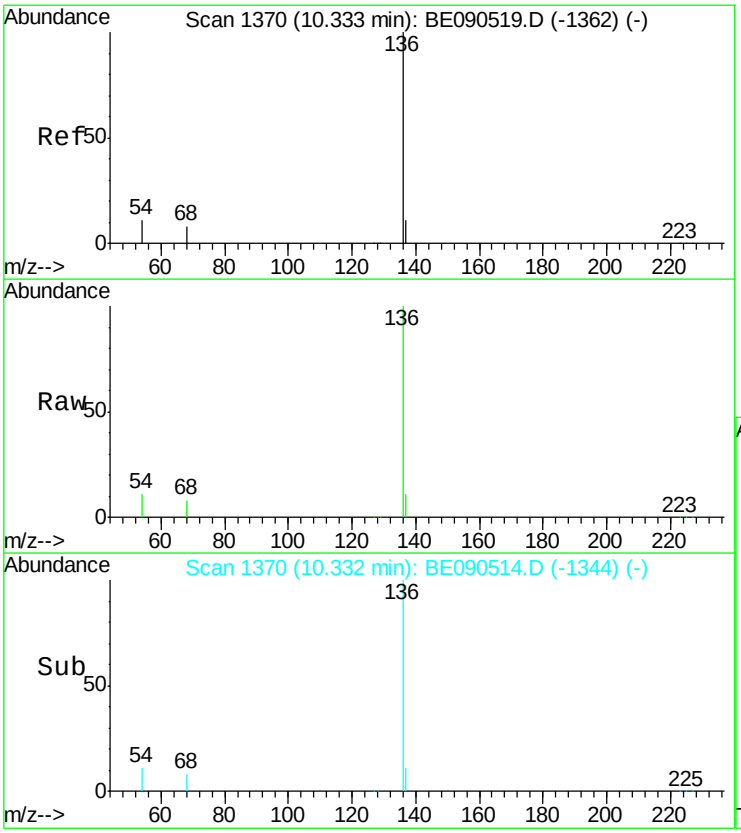
#5
Phenol-d6
Concen: 0.99 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 10760

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.2	27.4
71	34.9	27.4	41.0

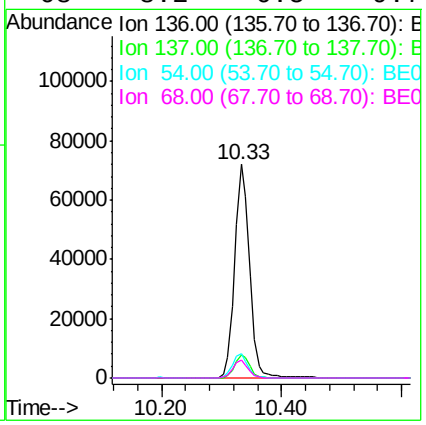


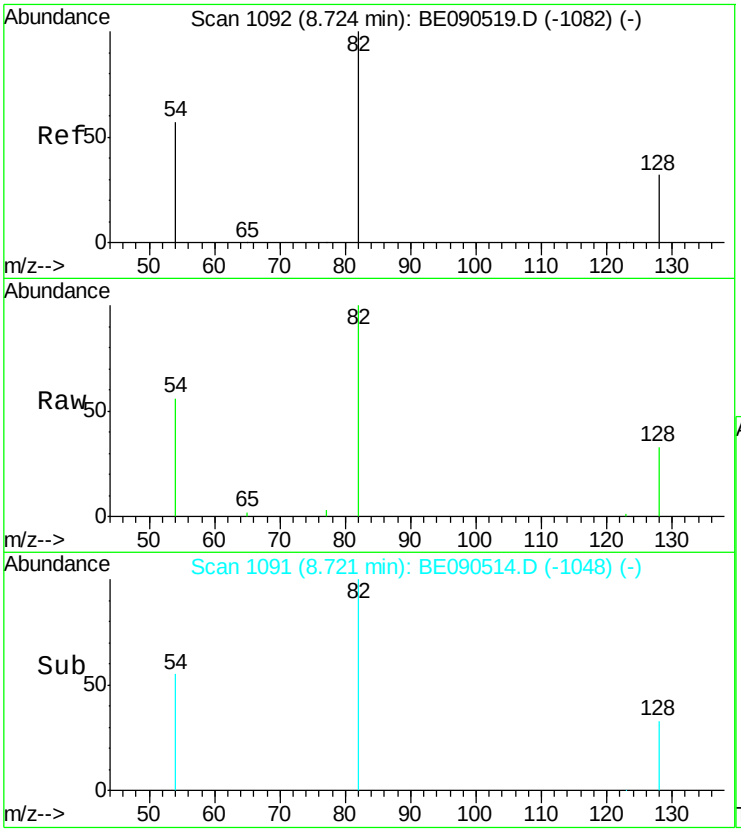


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:136 Resp: 124435

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.3	9.4	14.0
68	8.2	6.5	9.7



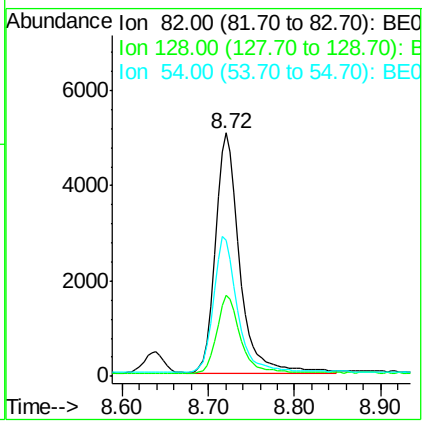


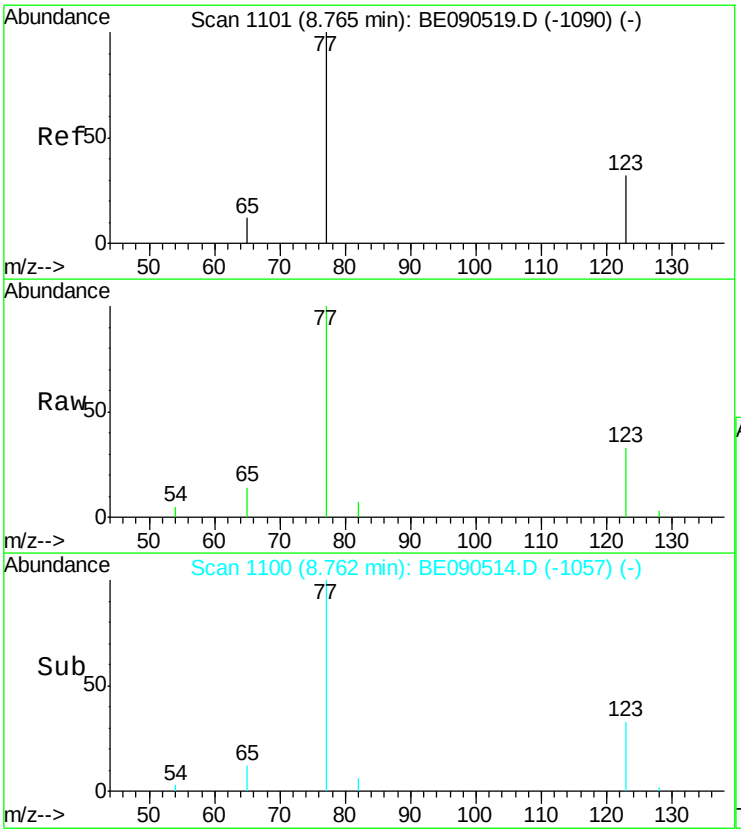
#7
Nitrobenzene-d5
Concen: 1.01 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 9944

Ion	Ratio	Lower	Upper
82	100		
128	33.5	25.0	37.6
54	55.8	48.8	73.2

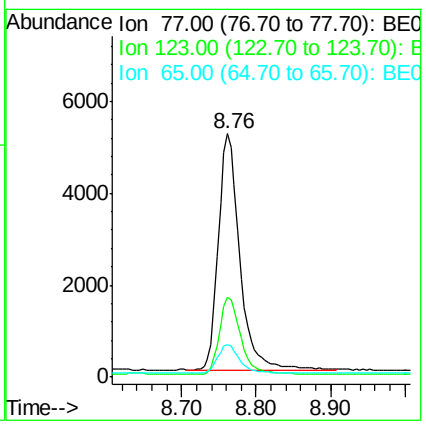


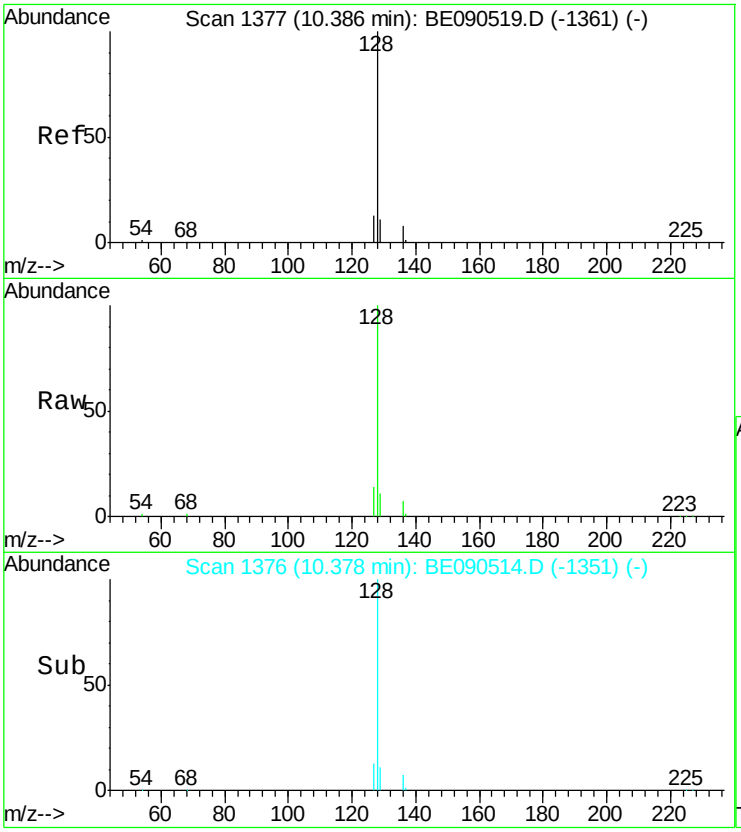


#8
Nitrobenzene
Concen: 1.02 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion: 77 Resp: 10308

Ion	Ratio	Lower	Upper
77	100		
123	33.4	25.1	37.7
65	12.7	9.3	13.9



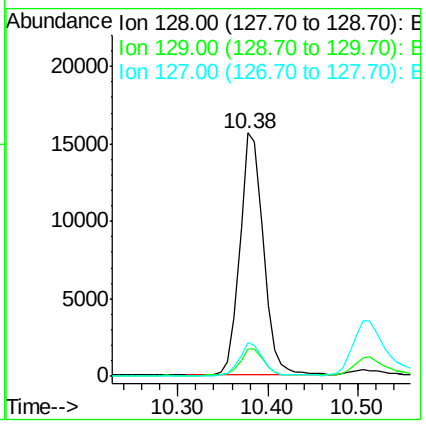


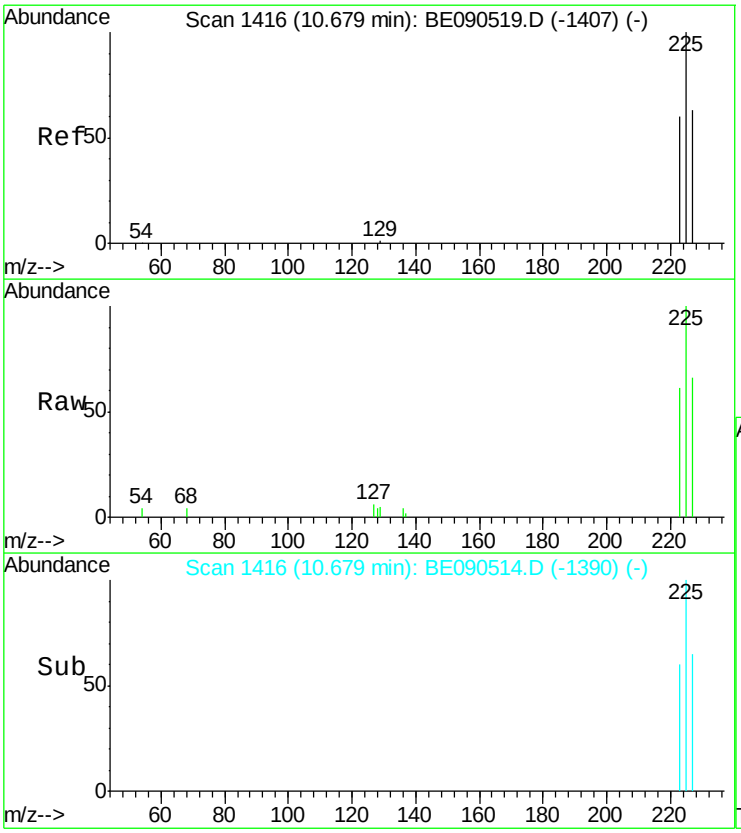
#9
Naphthalene
Concen: 0.94 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 28230

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.6	10.6	16.0

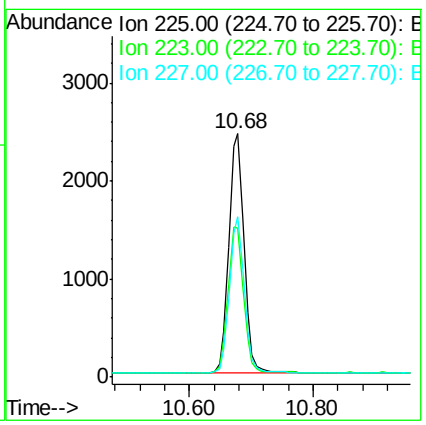


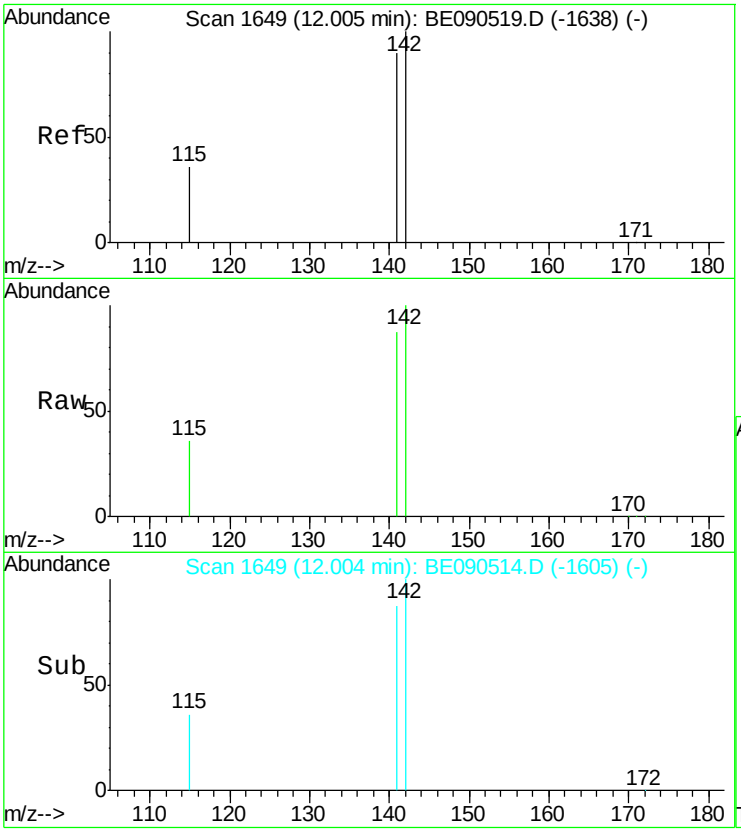


#10
Hexachlorobutadiene
Concen: 0.93 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:225 Resp: 4128

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	63.4	50.7	76.1



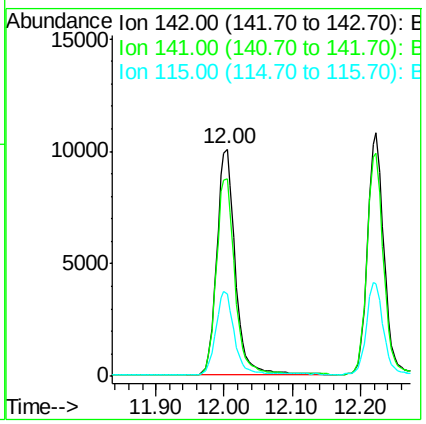


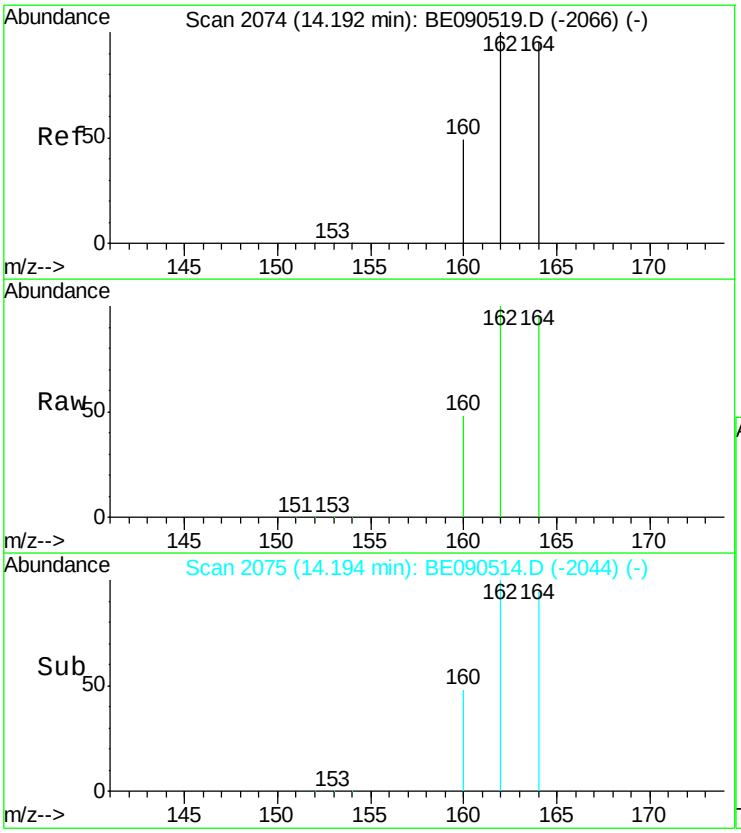
#11
2-Methylnaphthalene
Concen: 0.98 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 18895

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.6	109.0
115	36.4	31.6	47.4

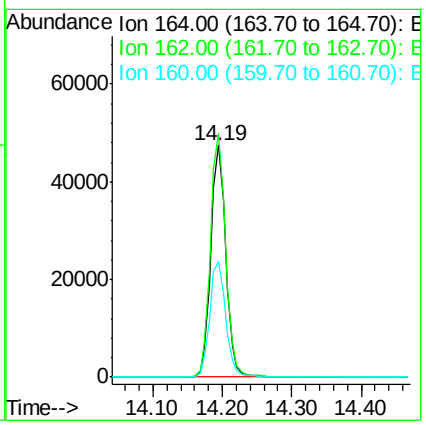


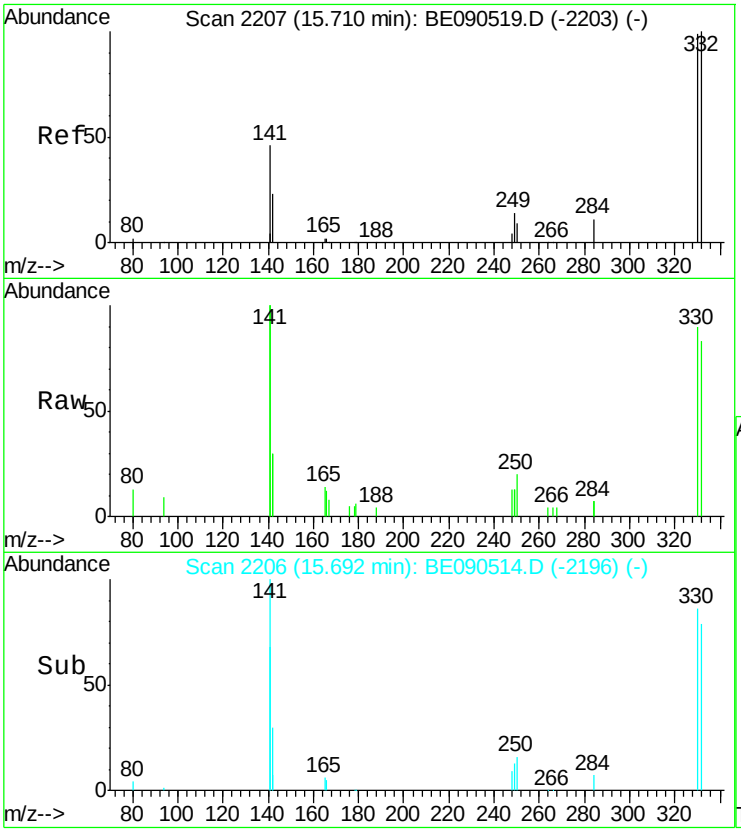


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:164 Resp: 69430

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.8	122.8
160	50.0	44.2	66.4



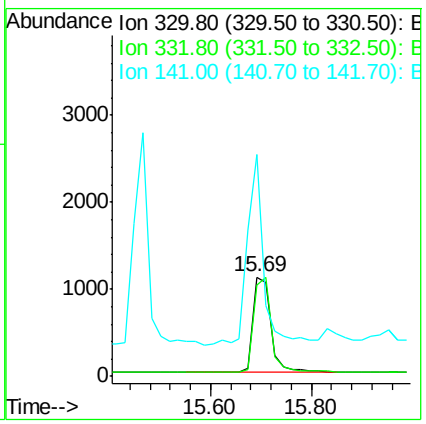


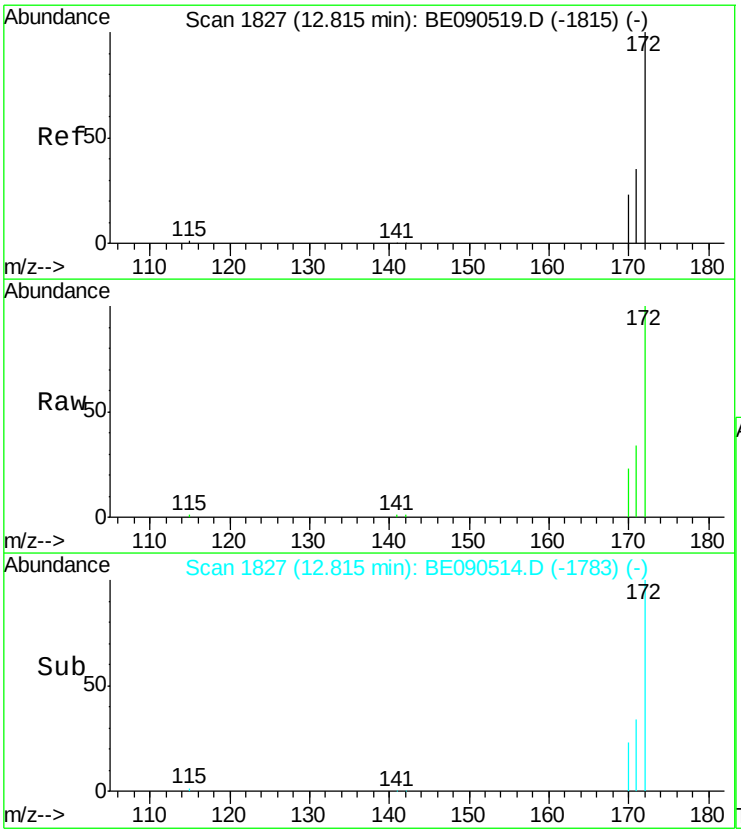
#13
2,4,6-Tribromophenol
Concen: 1.02 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 2657

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.8	113.6
141	181.3	114.4	171.6#

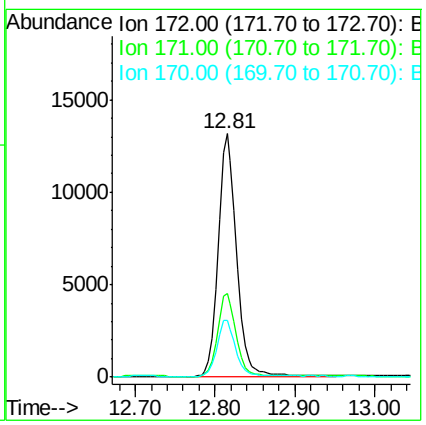


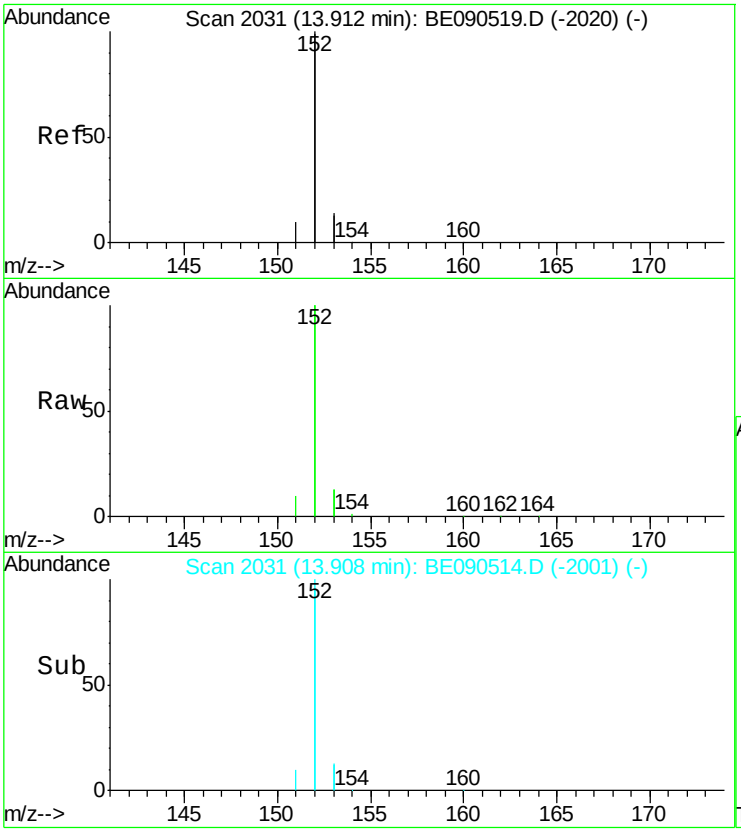


#14
2-Fluorobiphenyl
Concen: 0.96 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:172 Resp: 20838

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.4	19.8	29.8



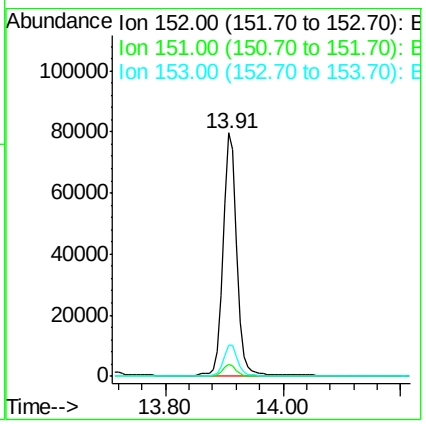


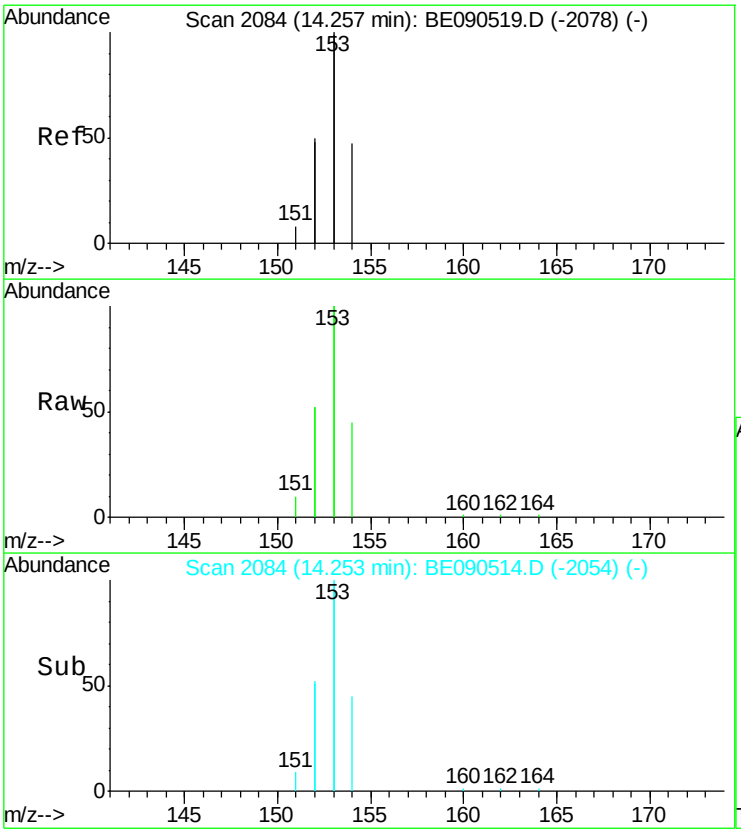
#15
Acenaphthylene
Concen: 0.97 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 127444

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

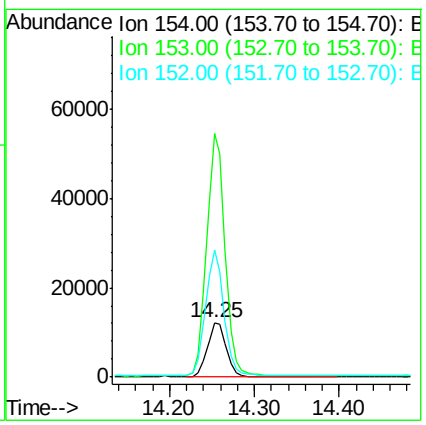


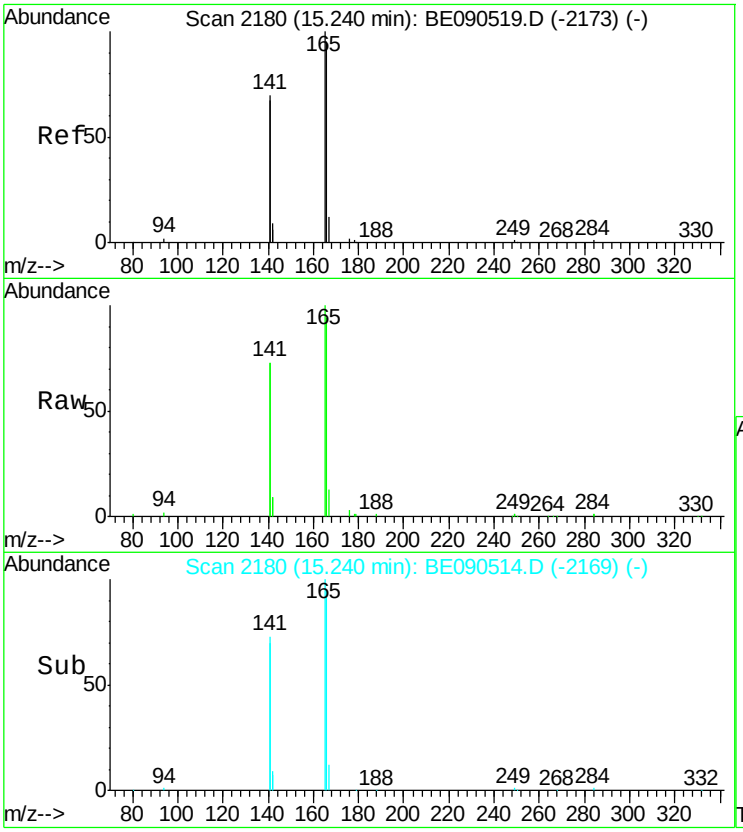


#16
Acenaphthene
Concen: 0.94 ng
RT: 14.25 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:154 Resp: 18965

Ion	Ratio	Lower	Upper
154	100		
153	437.4	376.2	564.2
152	226.5	235.0	352.4#



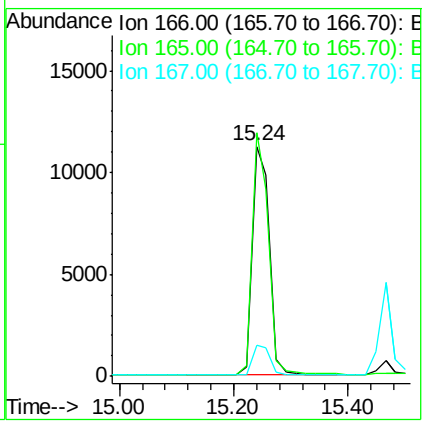


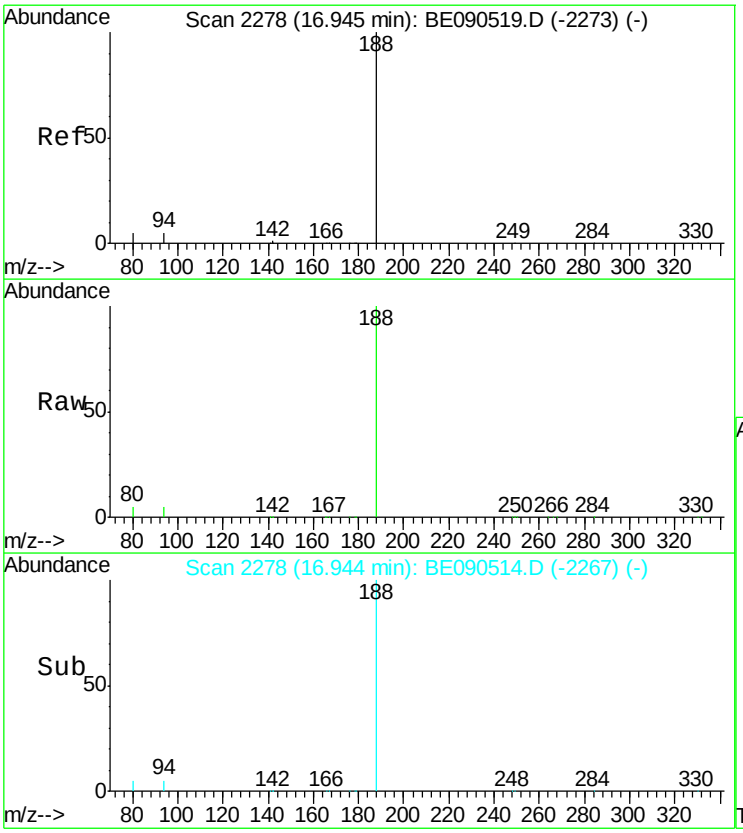
#17
Fluorene
Concen: 0.96 ng
RT: 15.24 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 23661

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.5	122.3
167	13.7	11.4	17.0

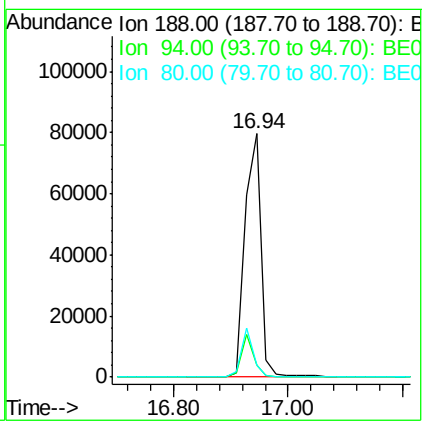


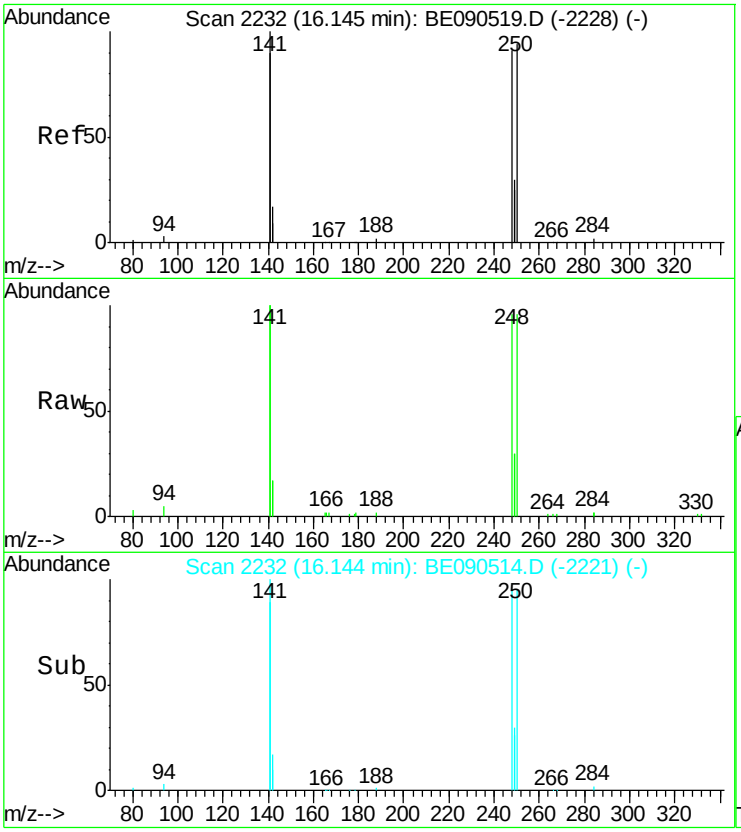


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:188 Resp: 155622

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	5.0	5.8	8.8#



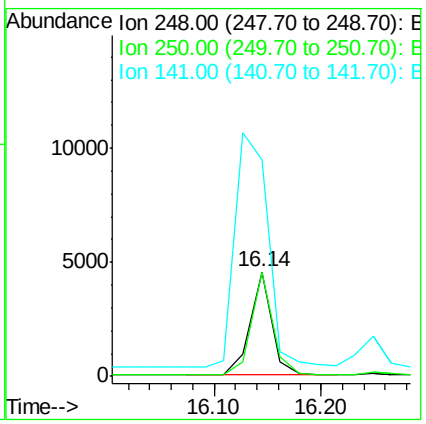


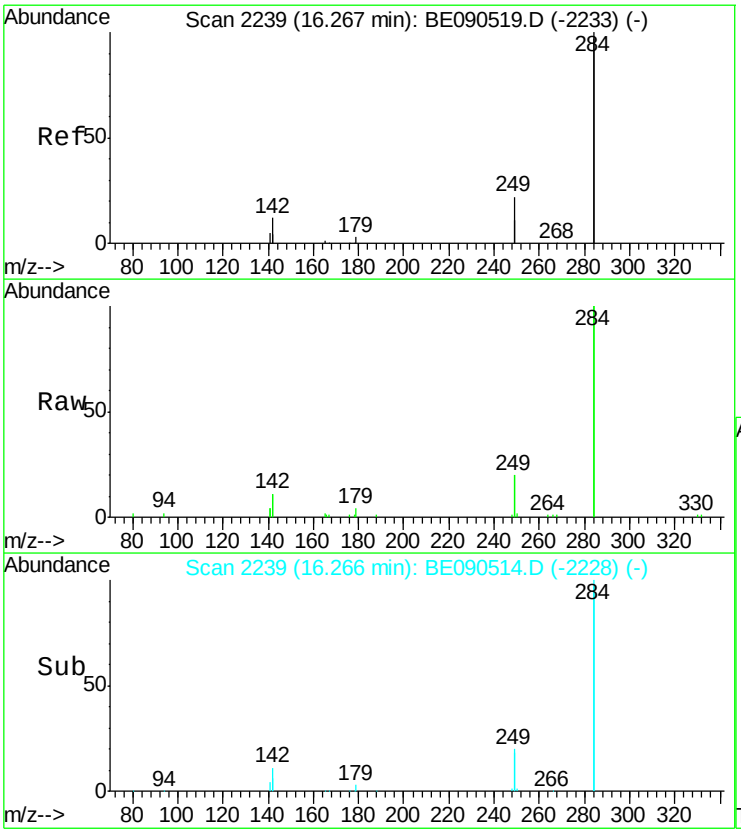
#19
4-Bromophenyl-phenylether
Concen: 0.96 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 6476

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	335.6	239.5	359.3

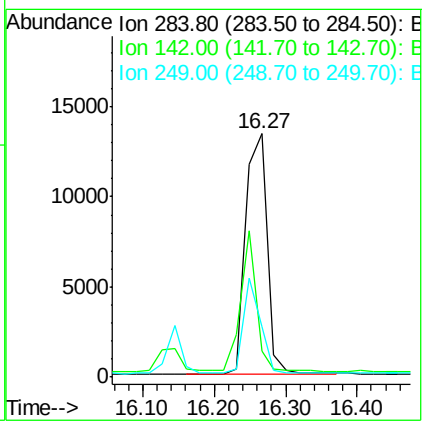


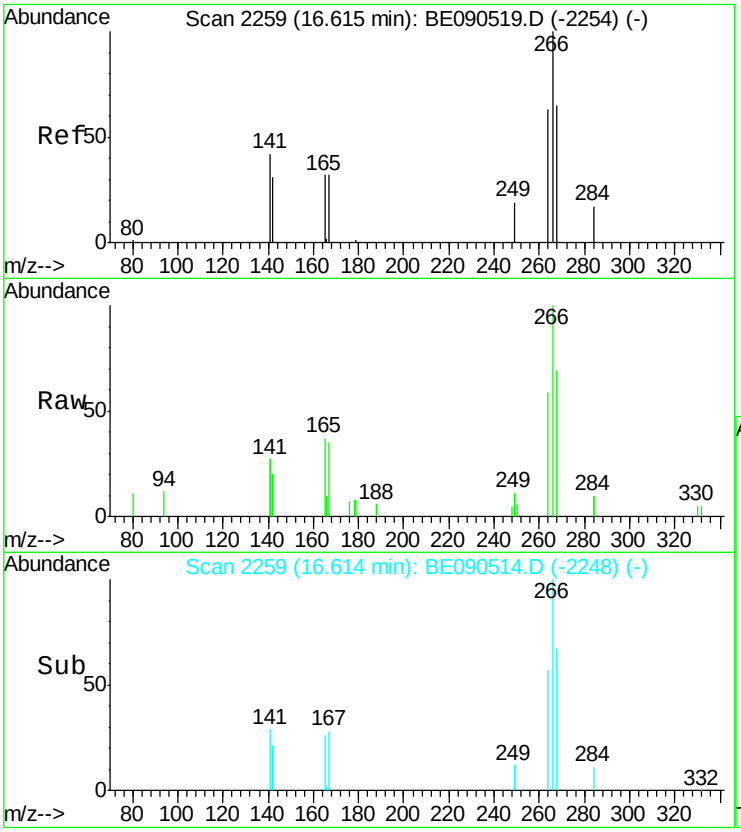


#20
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:284 Resp: 27689

Ion	Ratio	Lower	Upper
284	100		
142	42.9	30.1	45.1
249	31.2	25.7	38.5



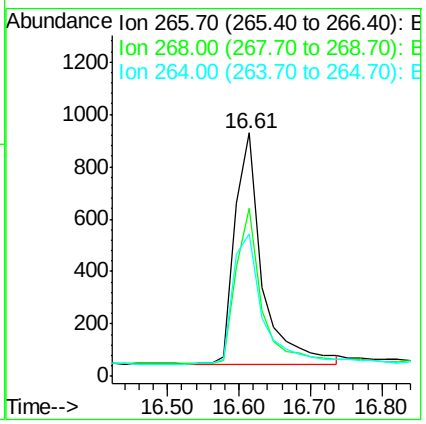


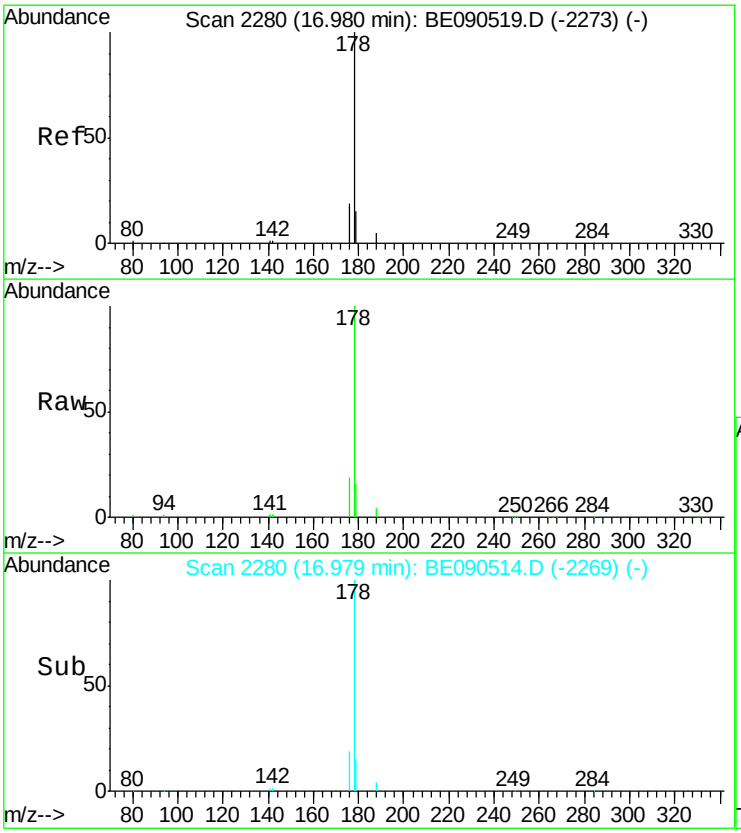
#21
Pentachlorophenol
Concen: 1.11 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 2317

Ion	Ratio	Lower	Upper
266	100		
268	69.1	58.5	87.7
264	58.8	56.0	84.0

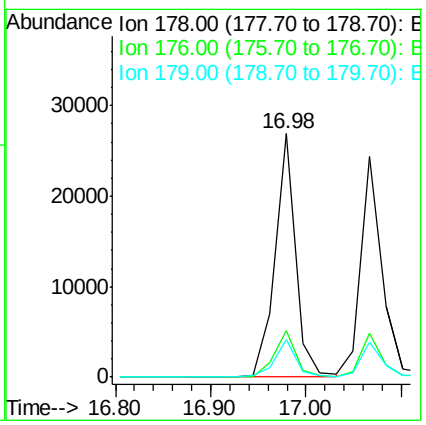


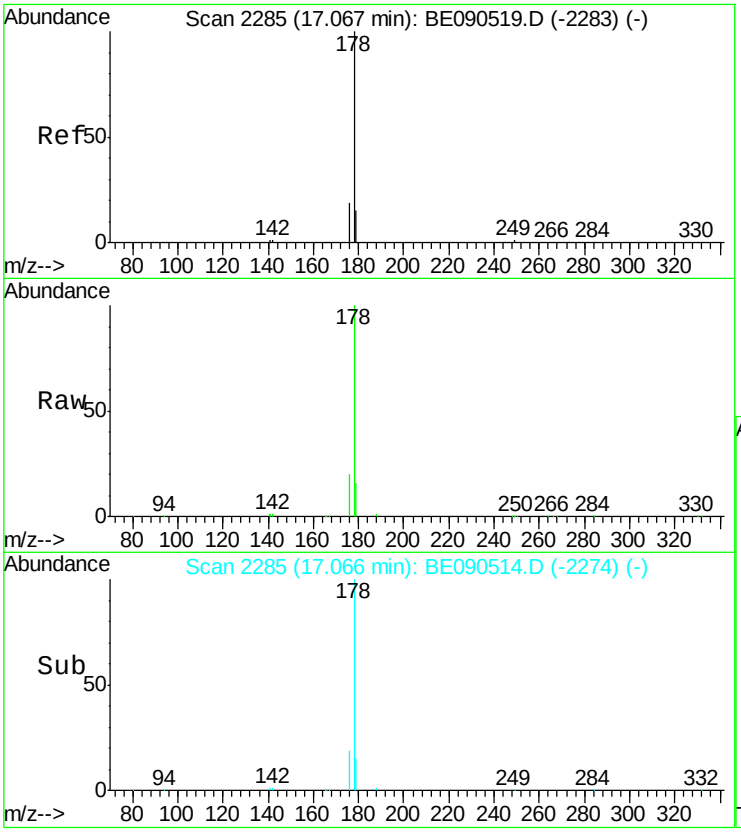


#22
Phenanthrene
Concen: 0.92 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:178 Resp: 39909

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.5	18.7



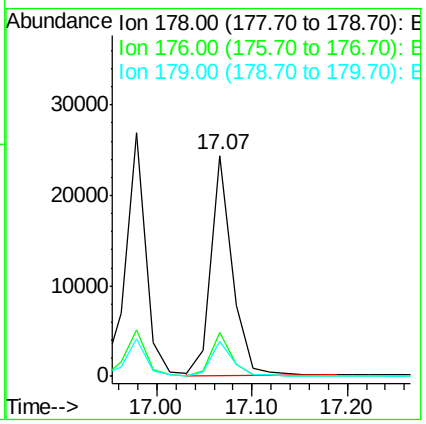


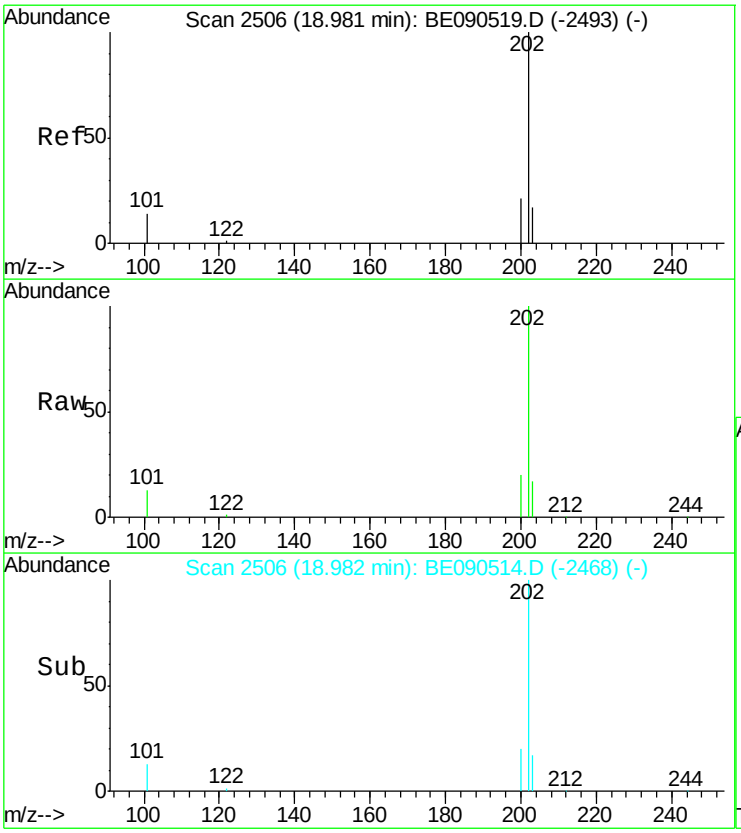
#23
Anthracene
Concen: 0.97 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 37769

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.2	18.4

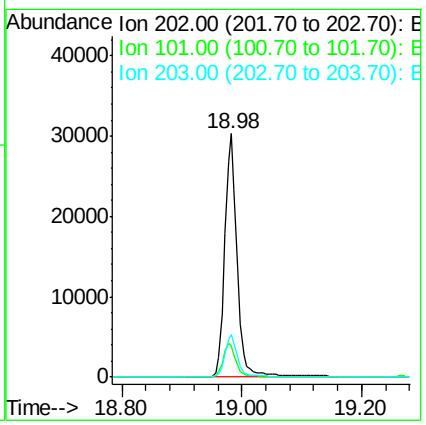


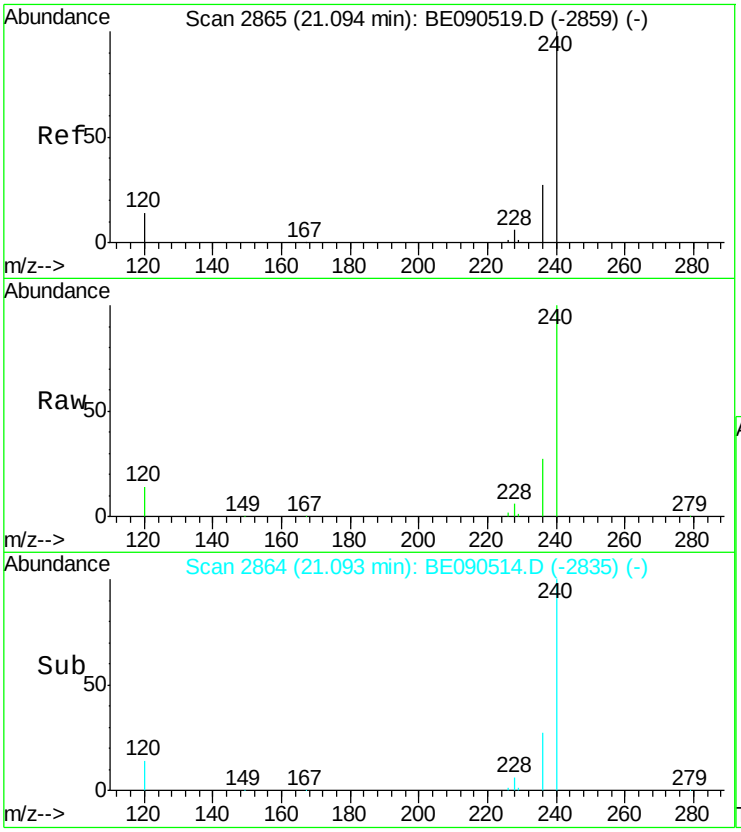


#24
Fluoranthene
Concen: 0.98 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:202 Resp: 44363

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.0	13.7	20.5



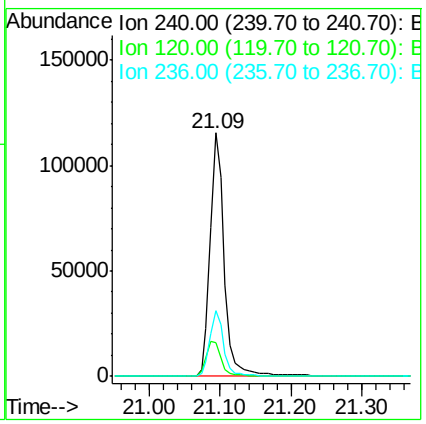


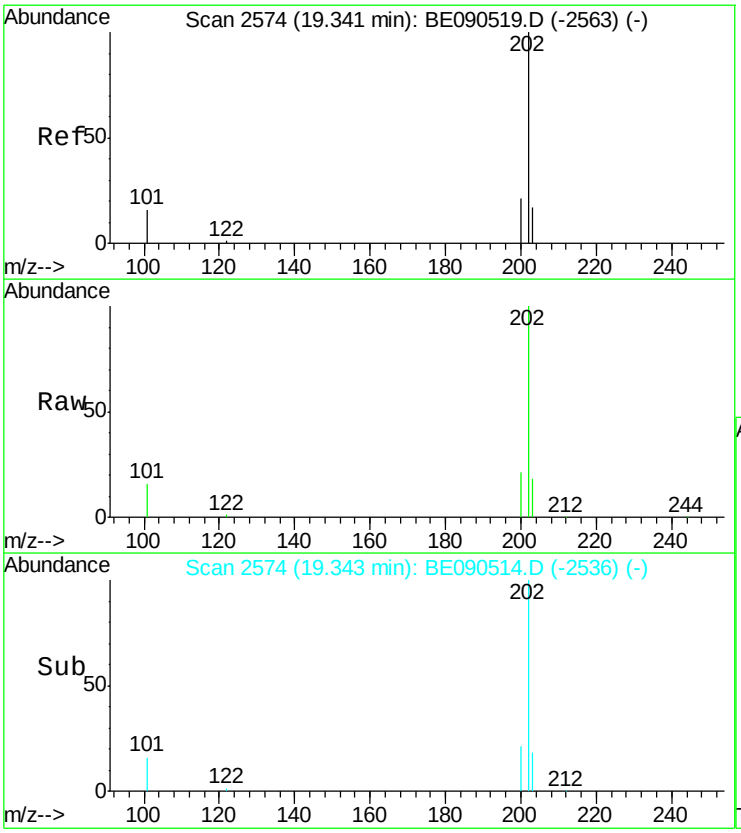
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 160497

Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.3	12.5#
236	27.1	21.0	31.4

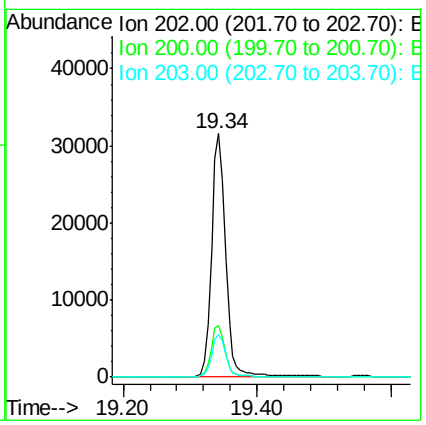


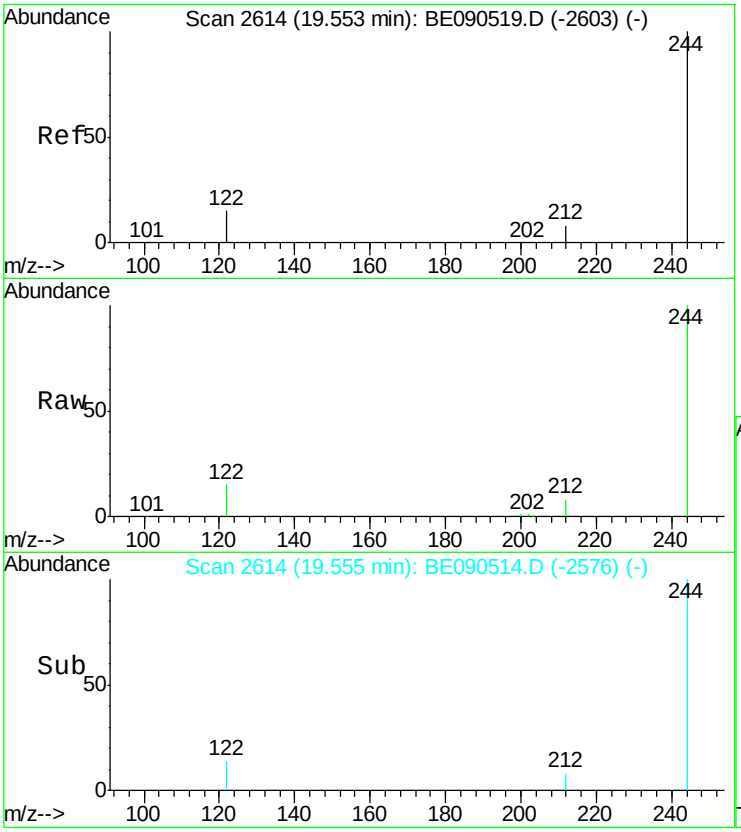


#26
Pyrene
Concen: 0.94 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:202 Resp: 45240

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.4	13.8	20.8



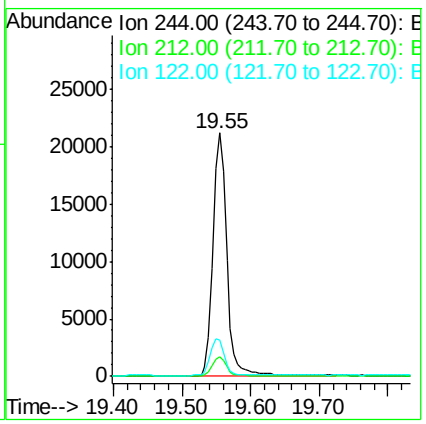


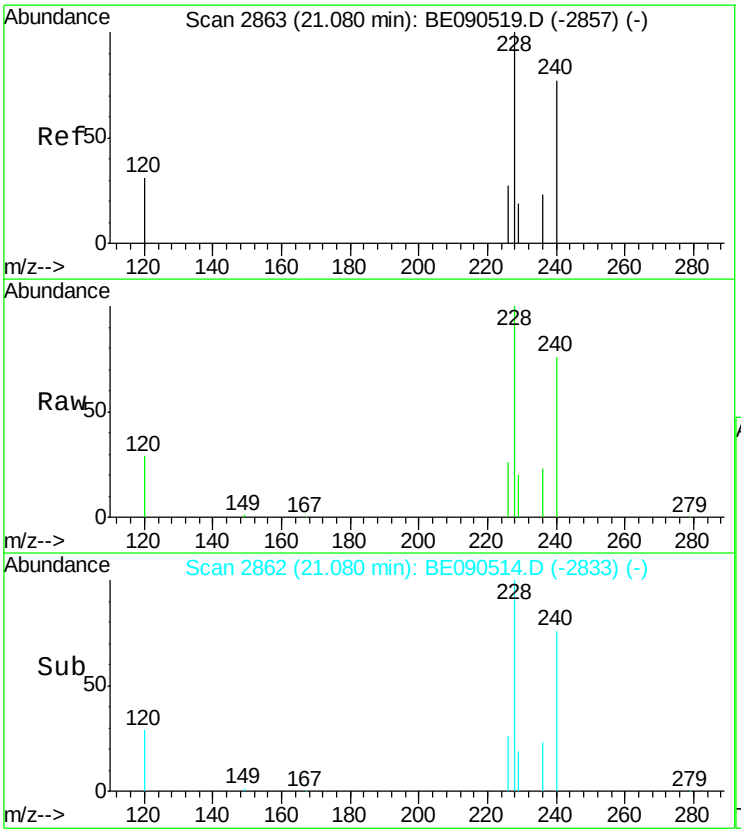
#27
Terphenyl-d14
Concen: 0.95 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 29268

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	14.6	10.2	15.4

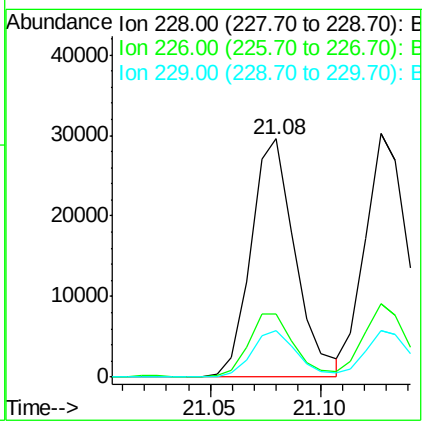


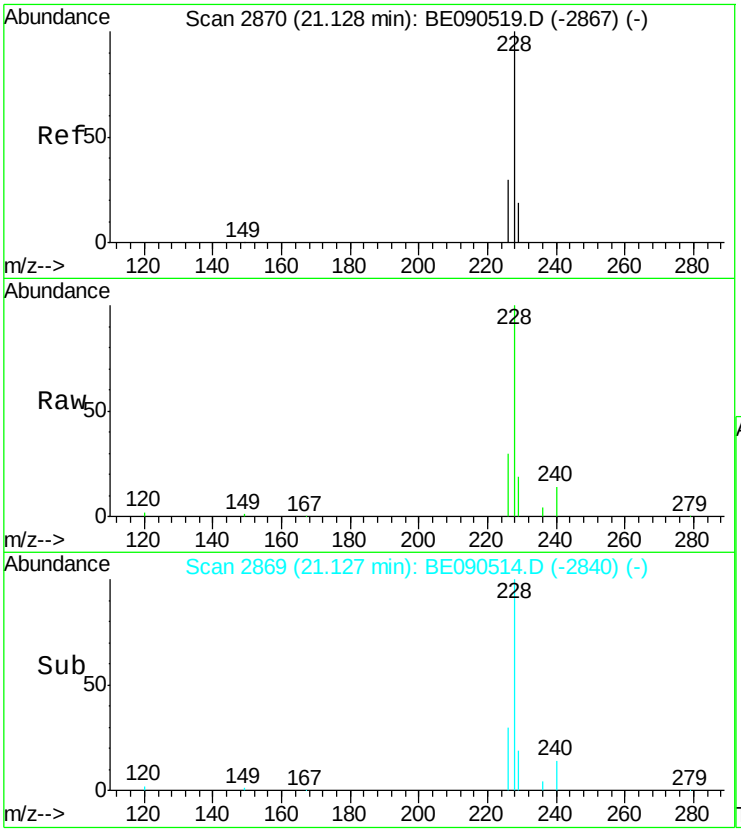


#28
Benzo(a)anthracene
Concen: 0.92 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:228 Resp: 41104

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.9	32.9
229	19.6	15.4	23.0



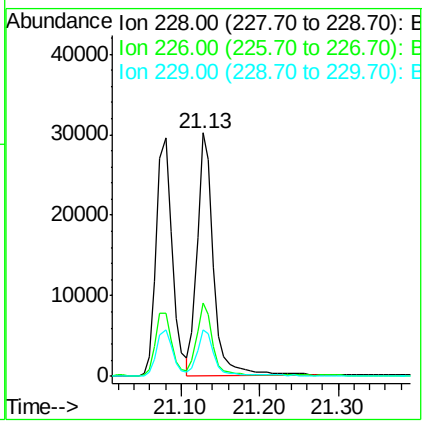


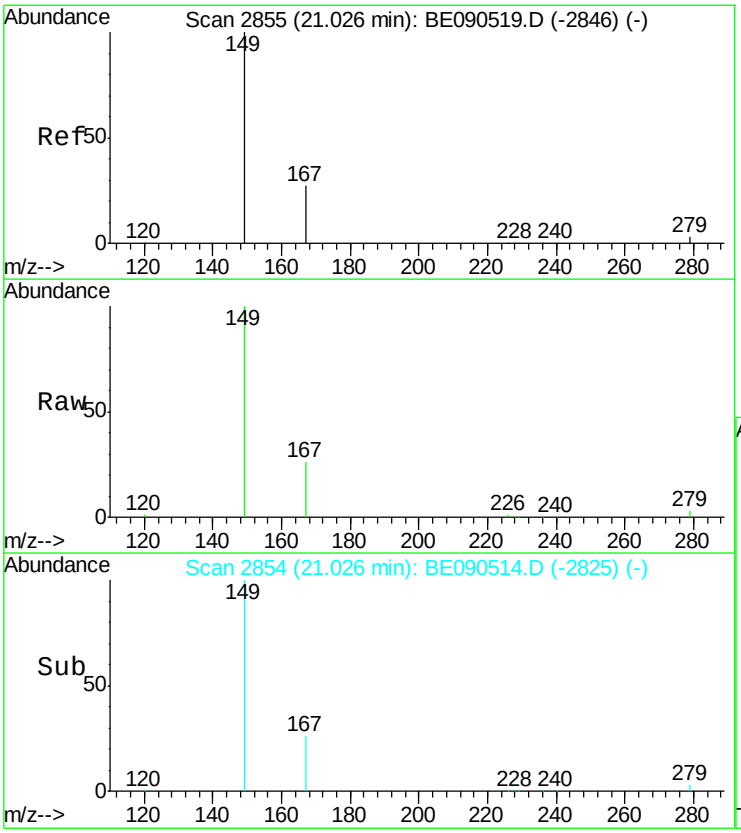
#29
Chrysene
Concen: 0.95 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 43391

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.1	34.7
229	19.2	15.8	23.8

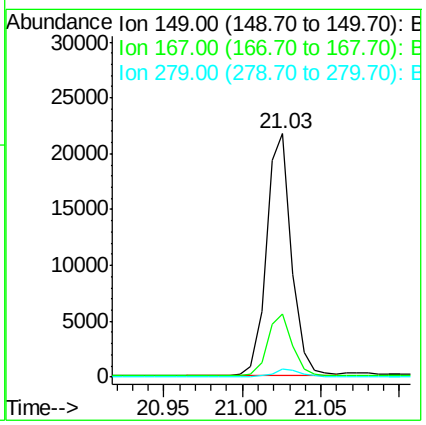


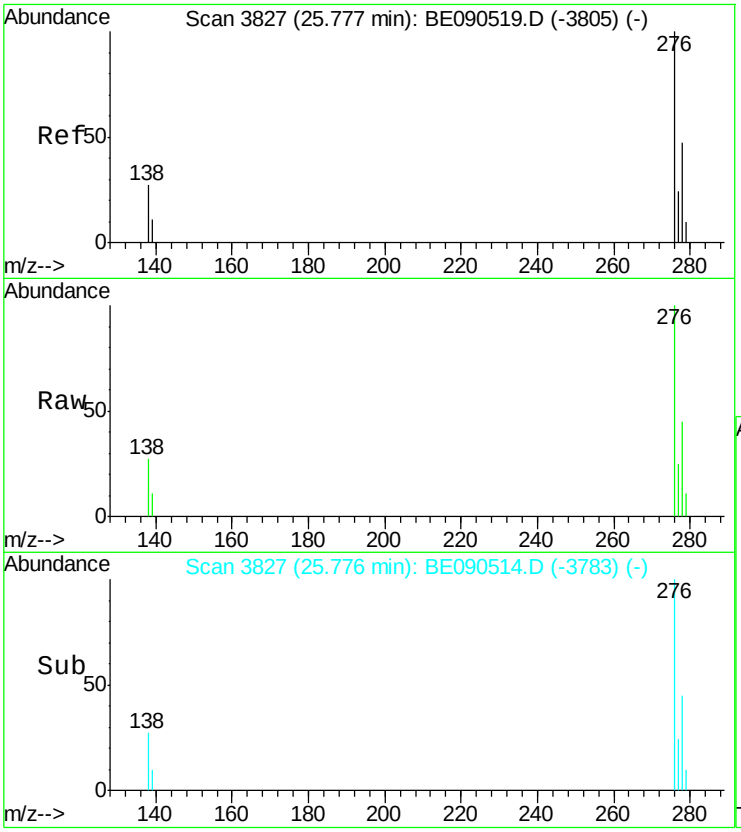


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.06 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:149 Resp: 24063

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.8	29.8
279	2.9	2.4	3.6



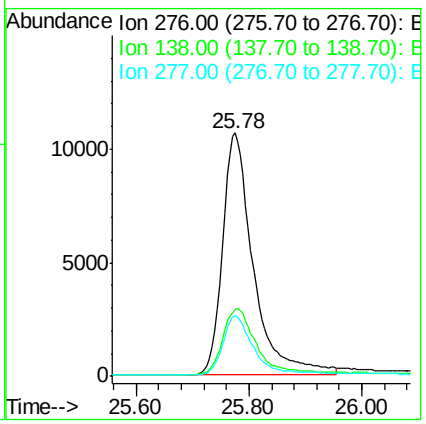


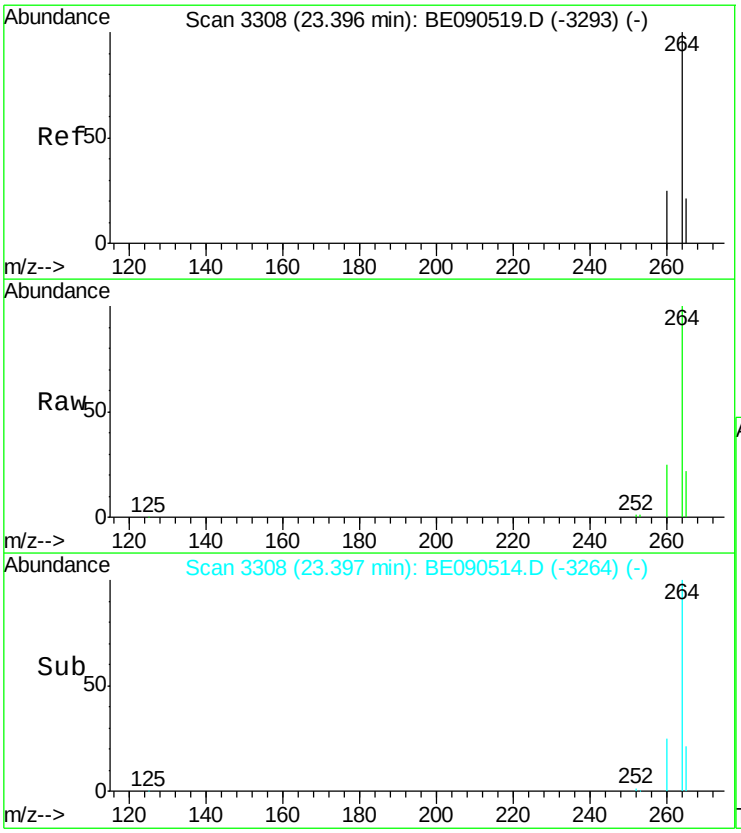
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 39950

Ion	Ratio	Lower	Upper
276	100		
138	29.6	18.8	28.2#
277	24.7	18.2	27.4

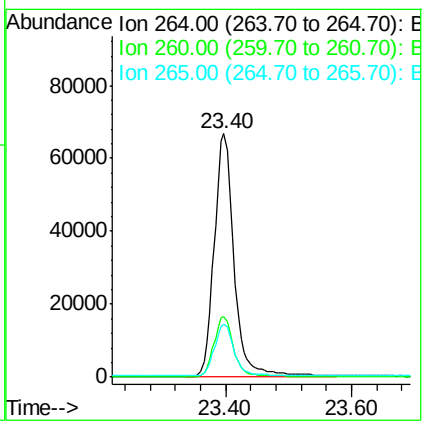


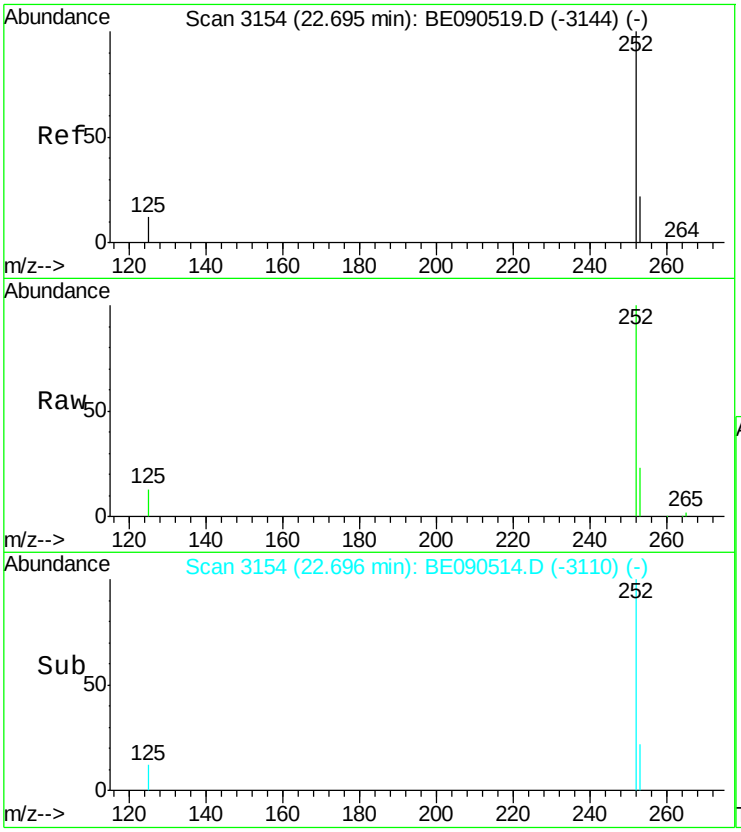


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:264 Resp: 147016

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



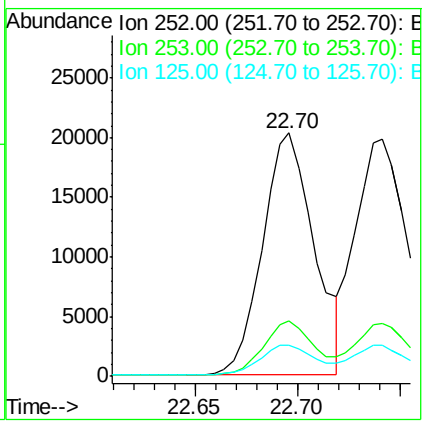


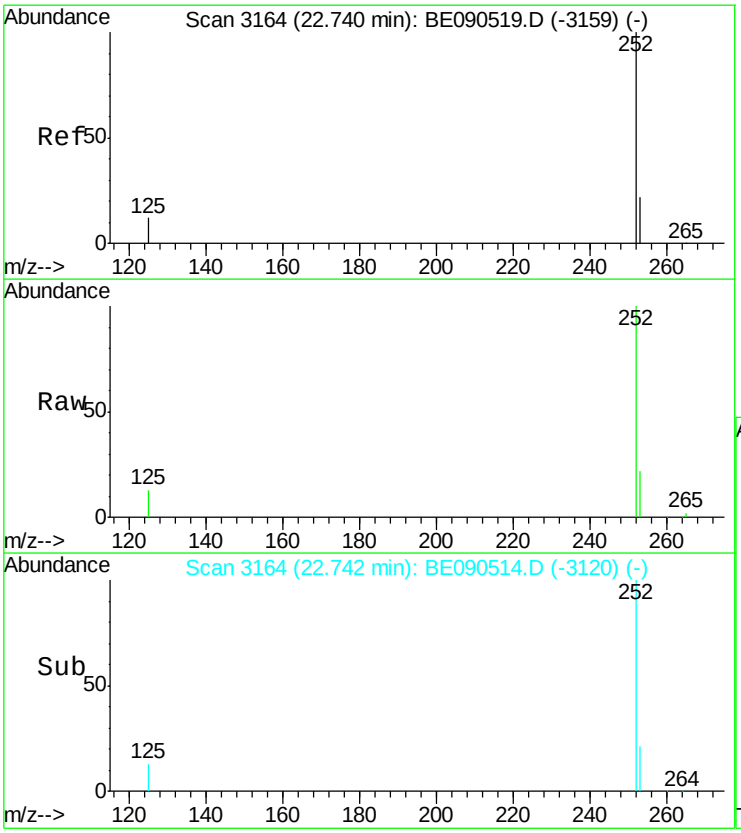
#33
Benzo(b)fluoranthene
Concen: 0.98 ng
RT: 22.70 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 35582

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	13.0	9.4	14.2

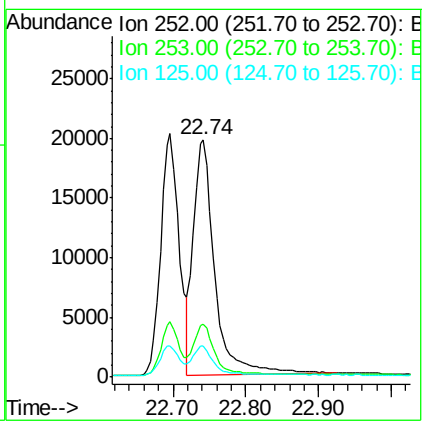


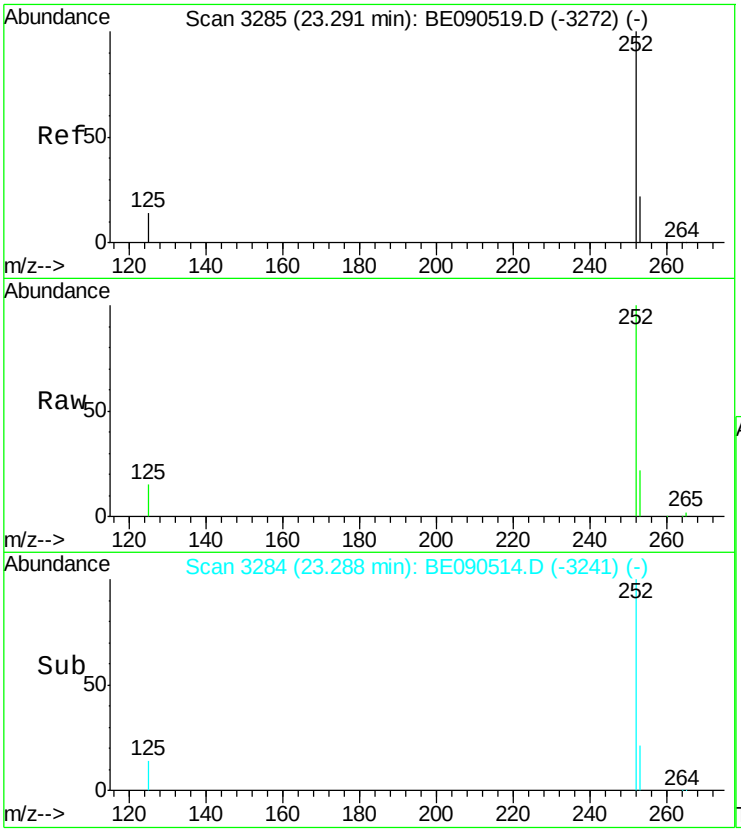


#34
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:252 Resp: 39843

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.3	9.1	13.7



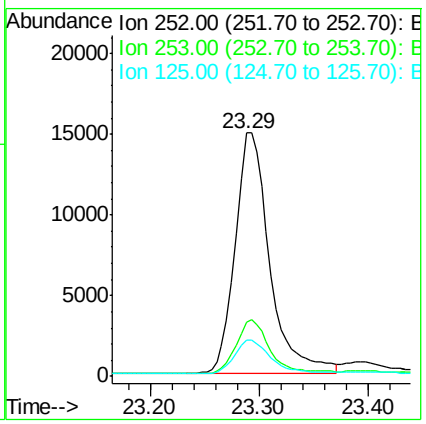


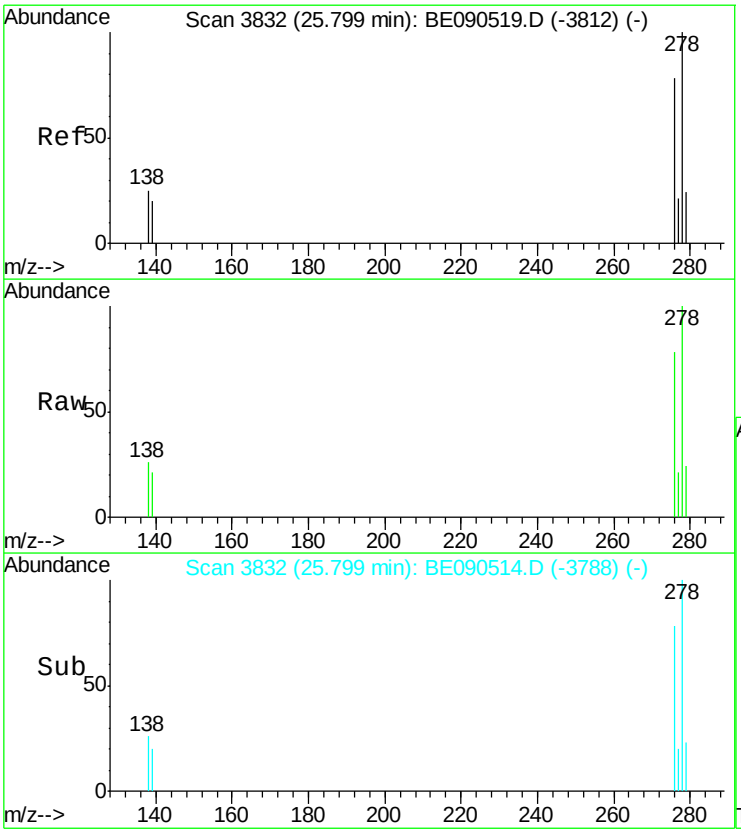
#35
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 32742

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	14.9	9.8	14.6#

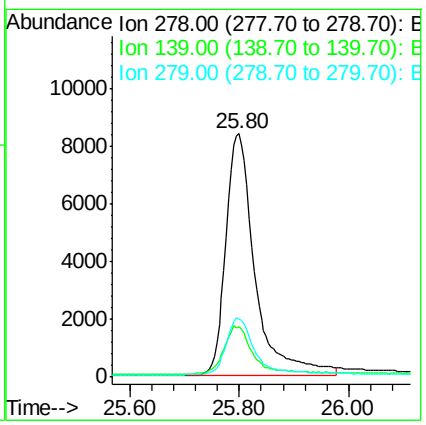


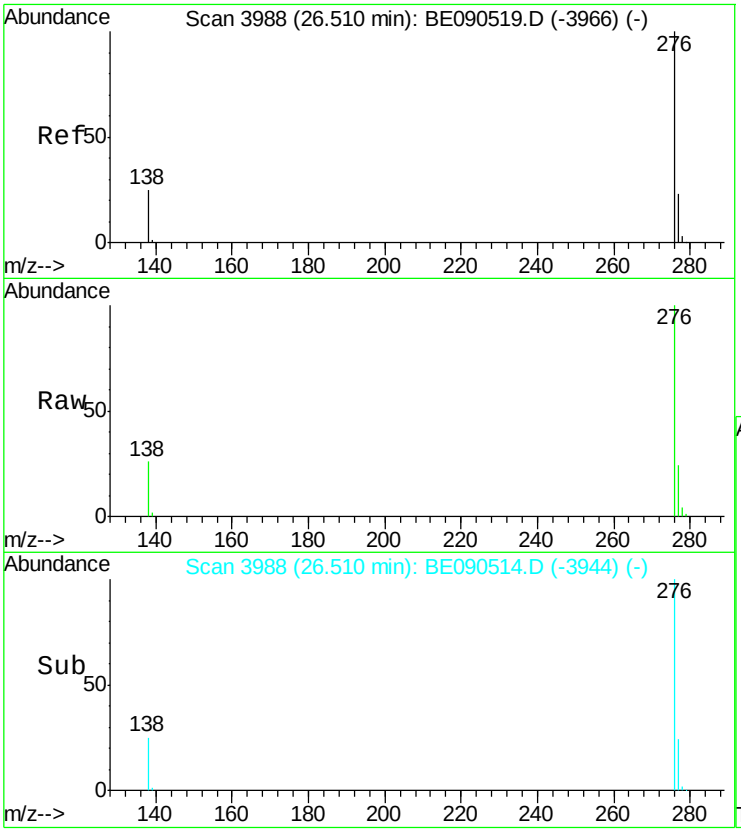


#36
Dibenzo(a,h)anthracene
Concen: 0.98 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Tgt Ion:278 Resp: 31092

Ion	Ratio	Lower	Upper
278	100		
139	20.7	14.2	21.4
279	24.0	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.98 ng
RT: 26.51 min Scan# 3988
Delta R.T. -0.00 min
Lab File: BE090514.D
Acq: 14 Aug 2015 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 34362

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.1	30.1
138	26.1	18.1	27.1