Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090530.D
Acq On : 14 Aug 2015 21:00
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Aug 17 04:19:26 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	22454	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	109628	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	60004	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	126348	5.00	ng		0.00
25) Chrysene-d12	21.10	240	127693	5.00	ng		0.00
32) Perylene-d12	23.40	264	122762	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	7573	1.17	ng		0.00
5) Phenol-d6	6.78	99	10873	1.14	ng		0.00
7) Nitrobenzene-d5	8.72	82	9628	1.10	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2829	1.23	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	18003	1.00	ng		0.00
27) Terphenyl-d14	19.55	244	25240	1.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	3040	1.13	ng		96
3) n-Nitrosodimethylamine	3.49	42	3905	1.01	ng	#	66
8) Nitrobenzene	8.77	77	10010	1.11	ng		95
9) Naphthalene	10.38	128	25016	1.00	ng		99
10) Hexachlorobutadiene	10.68	225	3599	0.98	ng		99
11) 2-Methylnaphthalene	12.00	142	16659	1.03	ng		99
15) Acenaphthylene	13.91	152	112448	1.03	ng		100
16) Acenaphthene	14.26	154	16669	1.01	ng	#	74
17) Fluorene	15.26	166	20176	1.00	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5662	1.10	ng		83
20) Hexachlorobenzene	16.27	284	23469	1.03	ng		96
21) Pentachlorophenol	16.61	266	2923	1.30	ng		91
22) Phenanthrene	16.98	178	32994	0.99	ng		99
23) Anthracene	17.07	178	32720	1.07	ng		99
24) Fluoranthene	18.98	202	37724	1.07	ng		98
26) Pyrene	19.34	202	38698	1.06	ng		99
28) Benzo(a)anthracene	21.08	228	34555	1.03	ng		98
29) Chrysene	21.13	228	34856	1.02	ng		98
30) Bis(2-ethylhexyl)phthalate	21.03	149	27227	1.46	ng		98
31) Indeno(1,2,3-cd)pyrene	25.79	276	36057	1.12	ng		94
33) Benzo(b)fluoranthene	22.70	252	31551	1.09	ng	#	86
34) Benzo(k)fluoranthene	22.74	252	33396	1.01	ng	#	87
35) Benzo(a)pyrene	23.30	252	29180	1.07	ng	#	82
36) Dibenzo(a,h)anthracene	25.80	278	28767	1.10	ng	#	88
37) Benzo(g,h,i)perylene	26.52	276	31079	1.08	ng	#	91

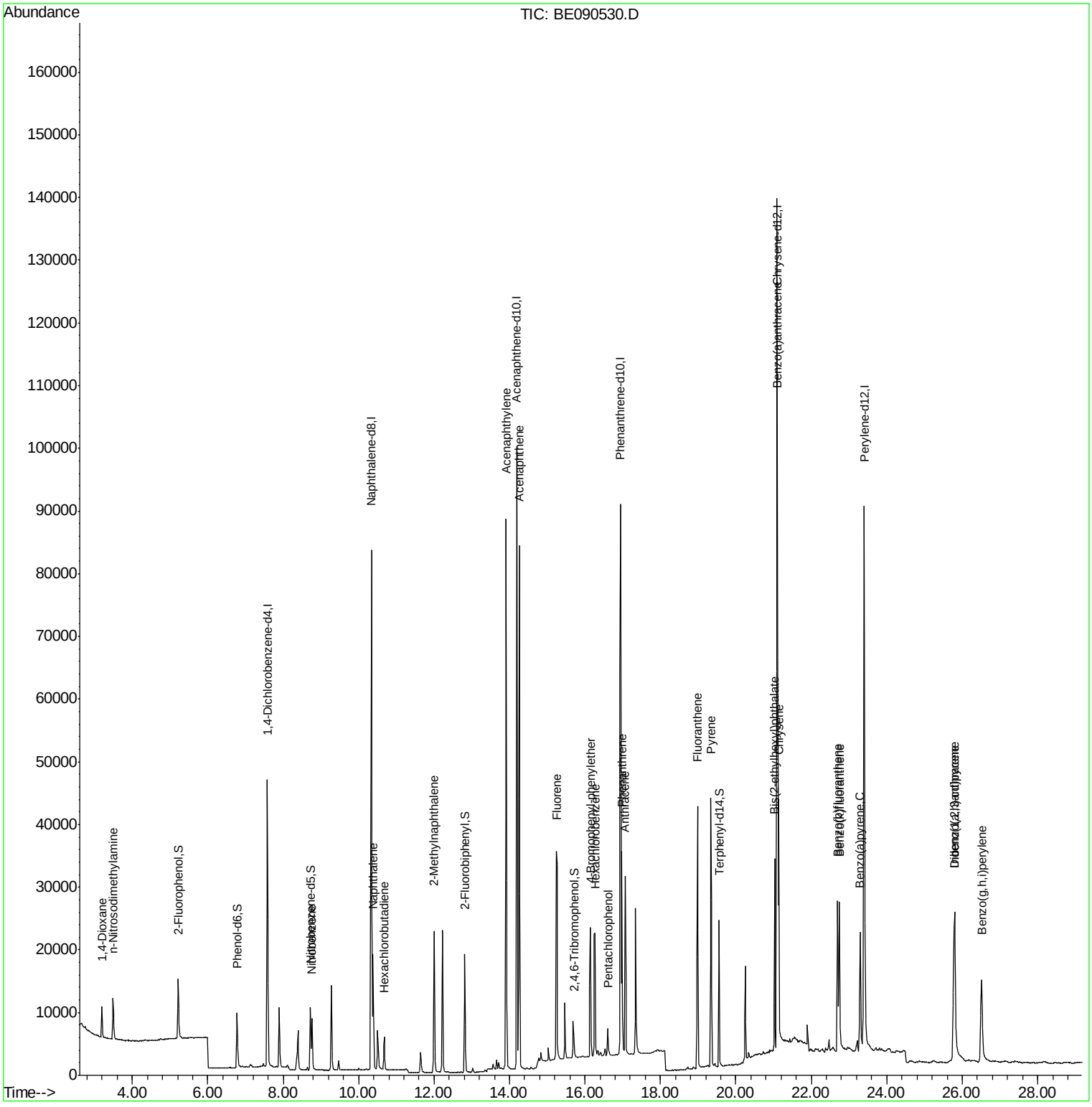
(#) = qualifier out of range (m) = manual integration (+) = signals summed

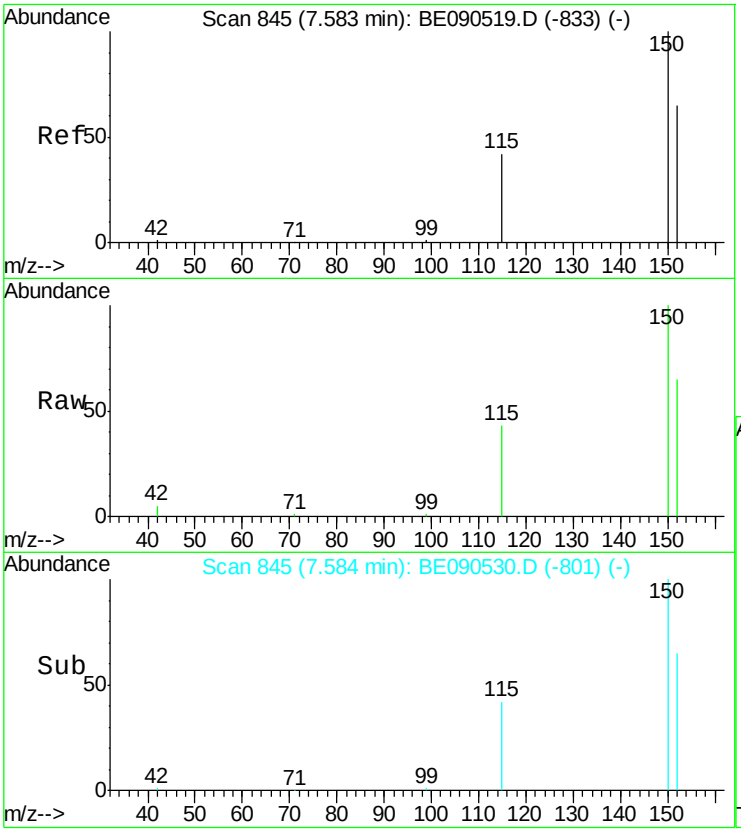
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090530.D
Acq On : 14 Aug 2015 21:00
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 17 04:19:26 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



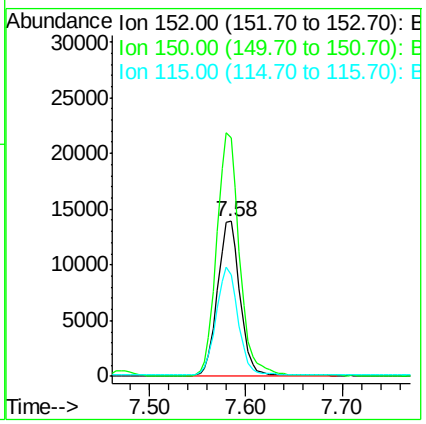


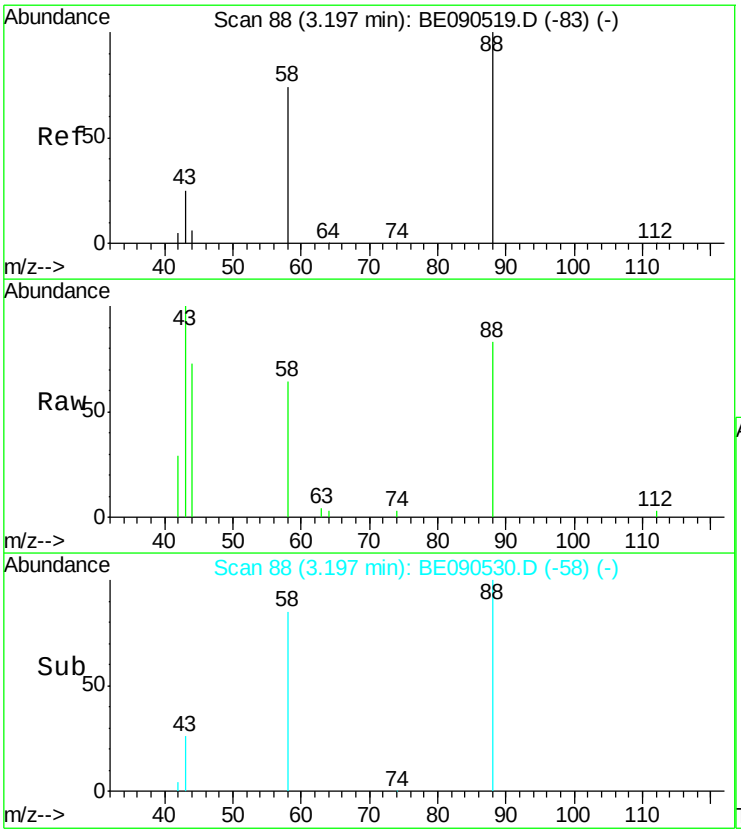
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 22454

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.0	184.4
115	65.5	48.9	73.3

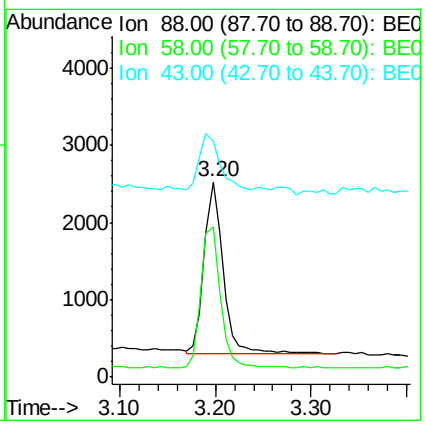


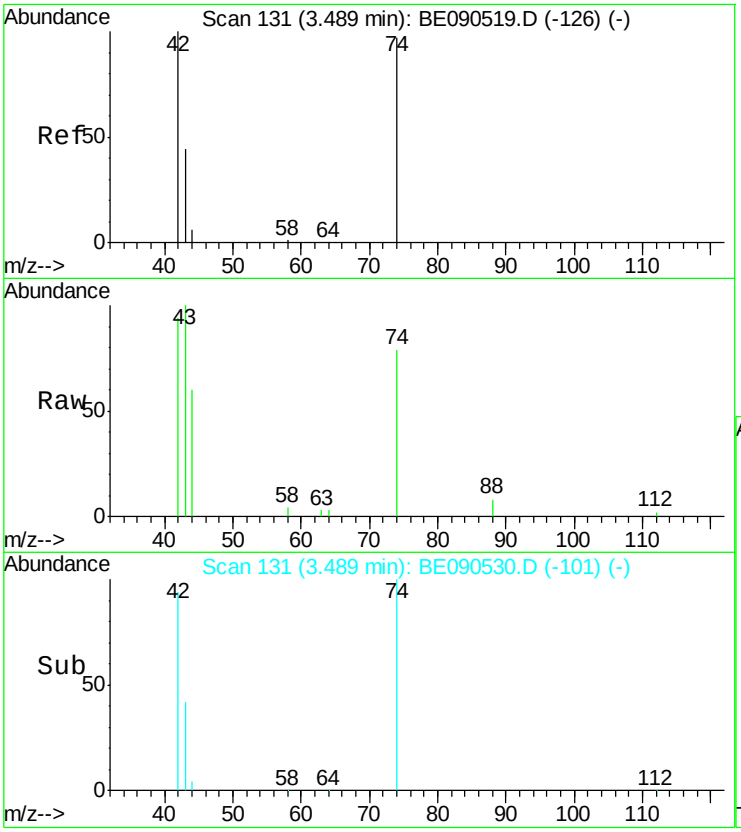


#2
1,4-Dioxane
Concen: 1.13 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion: 88 Resp: 3040

Ion	Ratio	Lower	Upper
88	100		
58	82.3	70.0	105.0
43	34.6	28.4	42.6



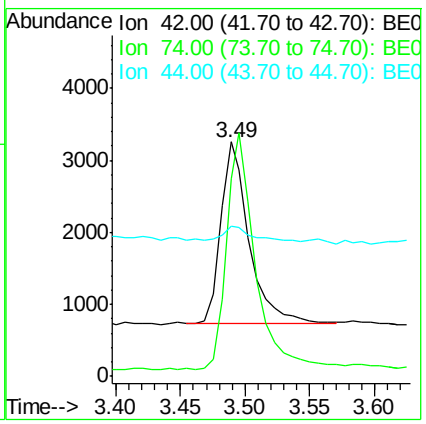


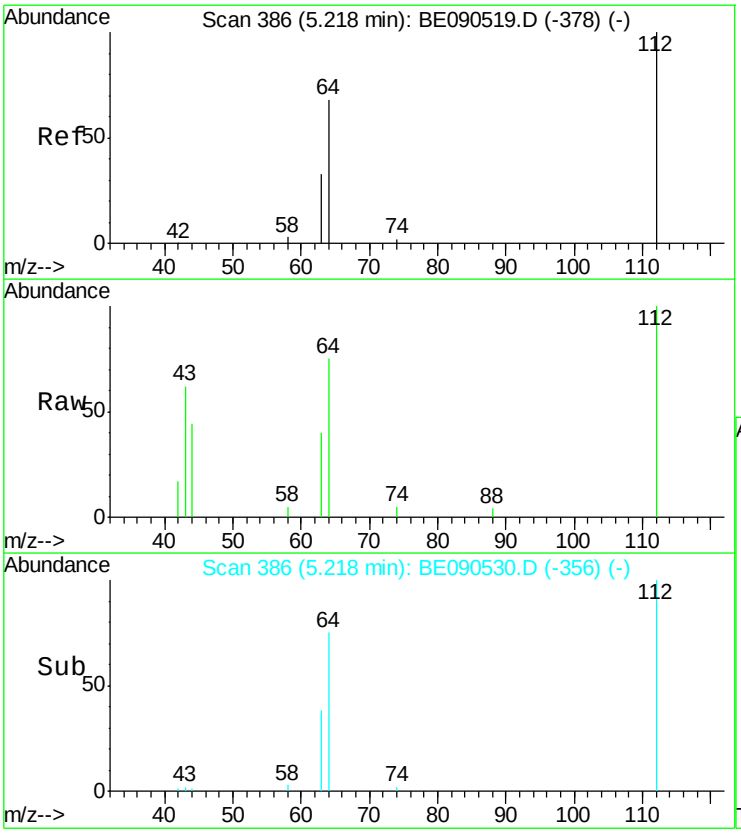
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.49 min Scan# 131
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3905

Ion	Ratio	Lower	Upper
42	100		
74	130.2	75.2	112.8#
44	9.6	8.7	13.1

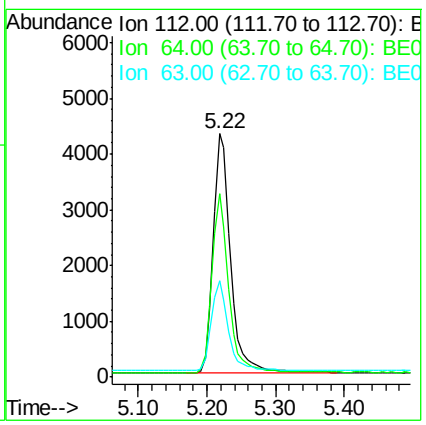


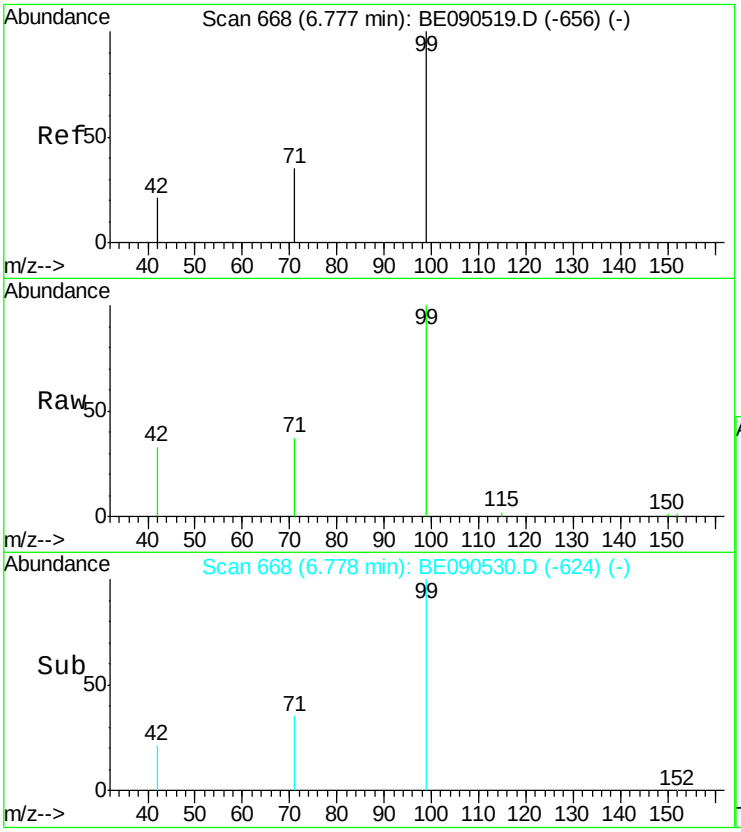


#4
2-Fluorophenol
Concen: 1.17 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:112 Resp: 7573

Ion	Ratio	Lower	Upper
112	100		
64	71.6	37.1	55.7#
63	36.9	19.5	29.3#



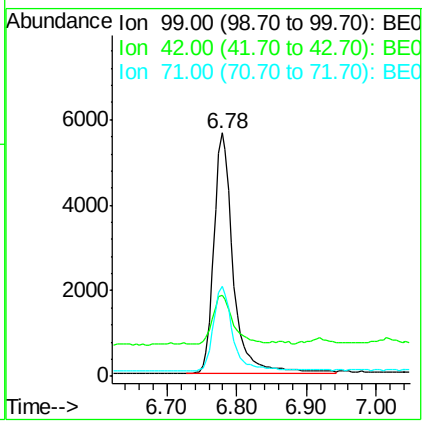


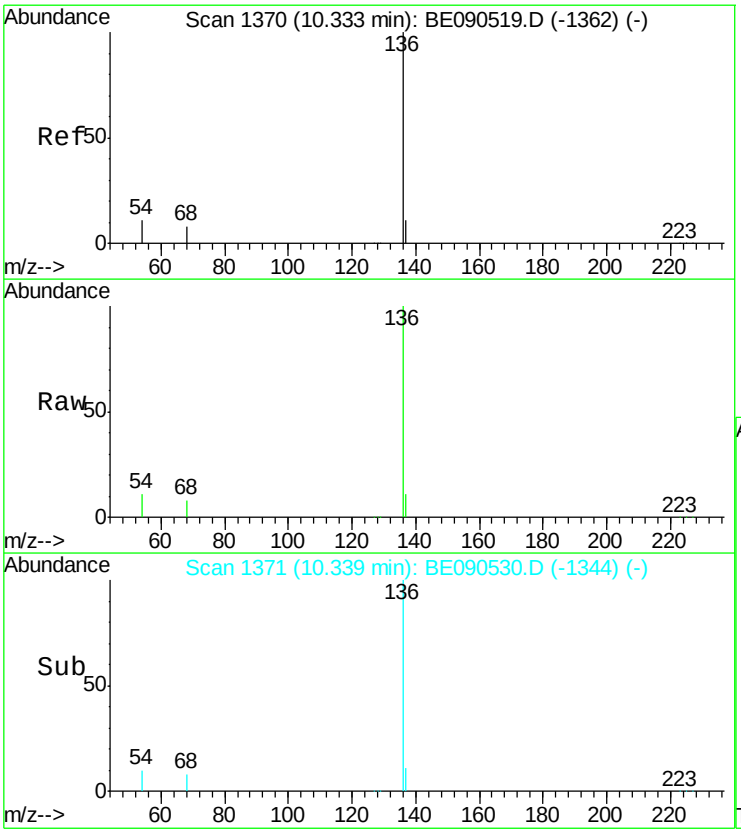
#5
Phenol-d6
Concen: 1.14 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 10873

Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.2	27.4
71	35.1	27.4	41.0

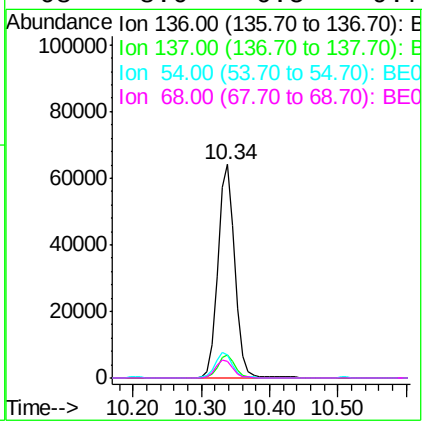


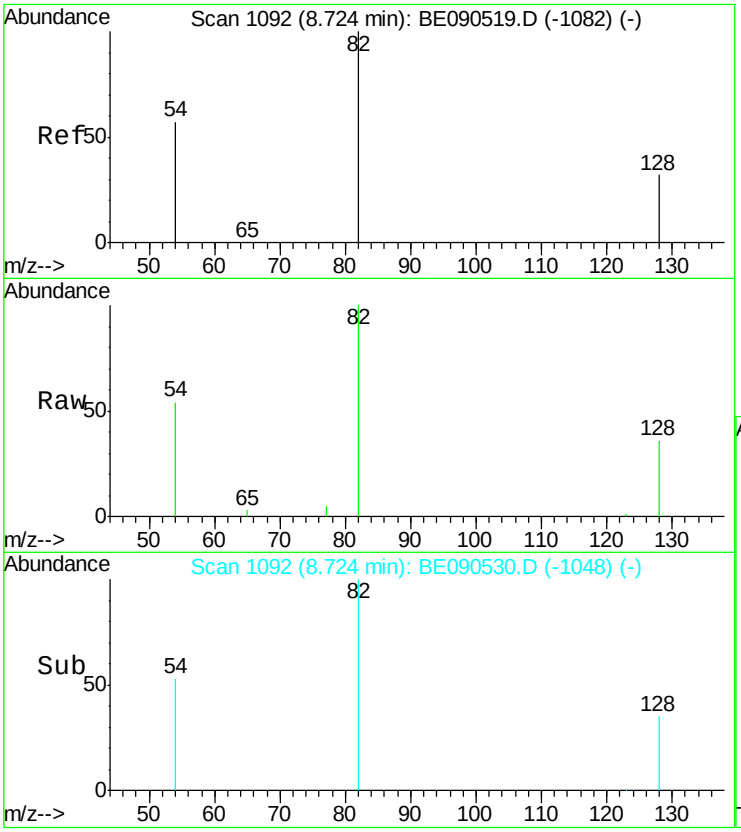


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:136 Resp: 109628

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.7	9.4	14.0
68	8.0	6.5	9.7



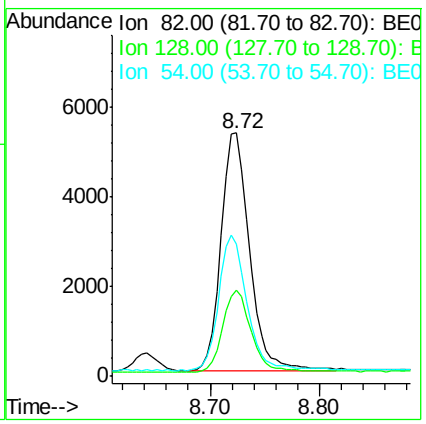


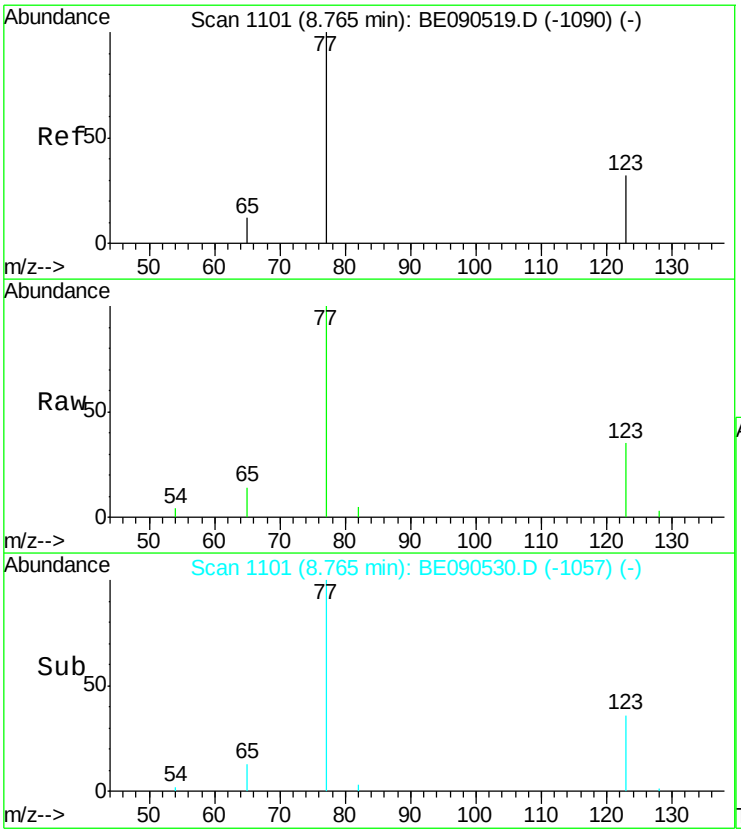
#7
Nitrobenzene-d5
Concen: 1.10 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 9628

Ion	Ratio	Lower	Upper
82	100		
128	35.6	25.0	37.6
54	54.5	48.8	73.2

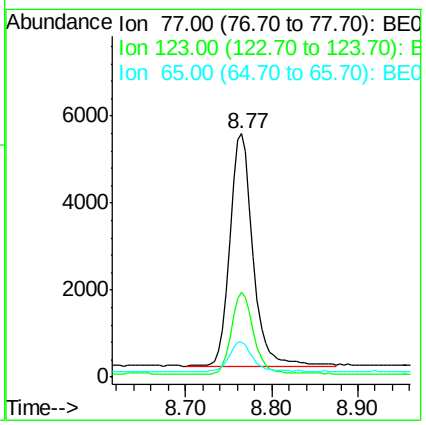


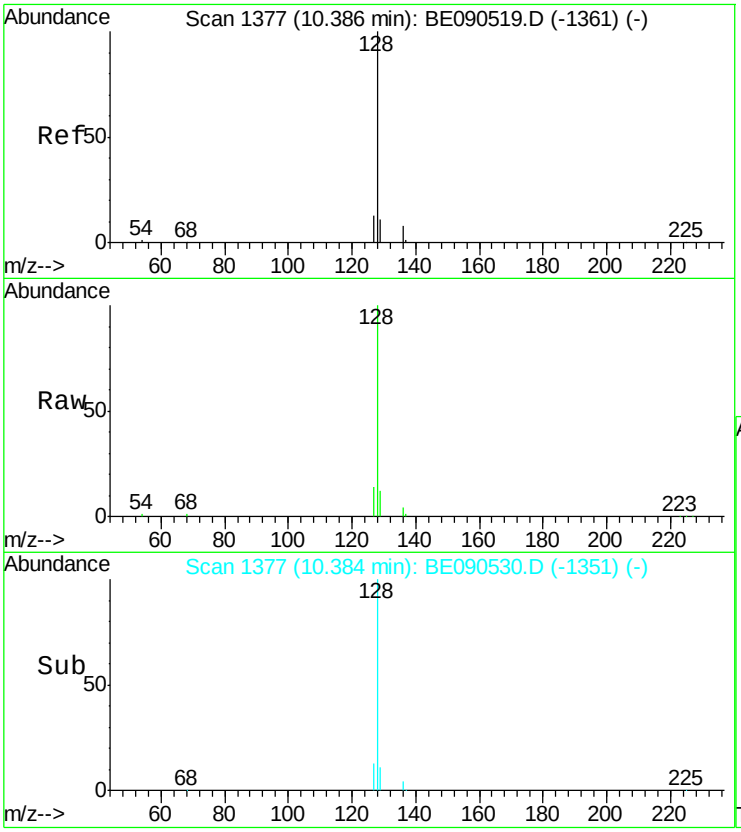


#8
Nitrobenzene
Concen: 1.11 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion: 77 Resp: 10010

Ion	Ratio	Lower	Upper
77	100		
123	34.5	25.1	37.7
65	12.7	9.3	13.9



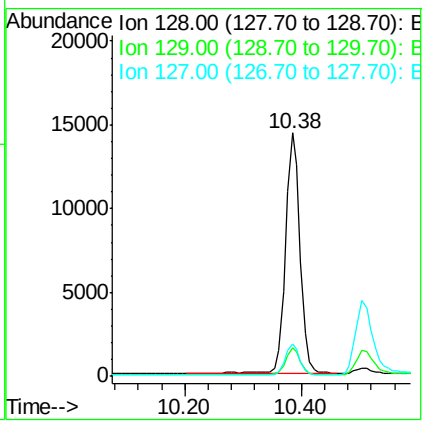


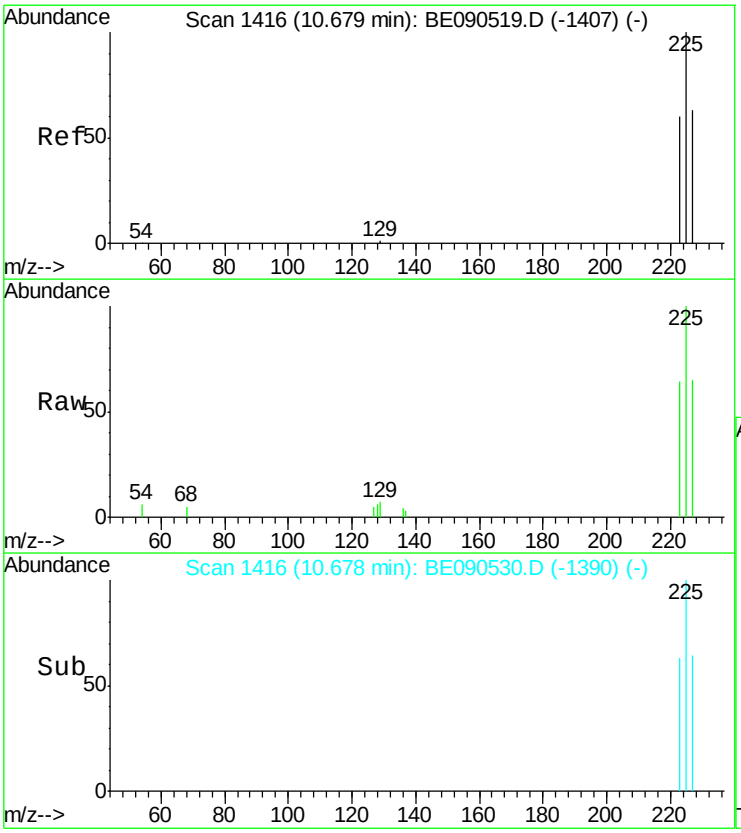
#9
Naphthalene
Concen: 1.00 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 25016

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.6	10.6	16.0

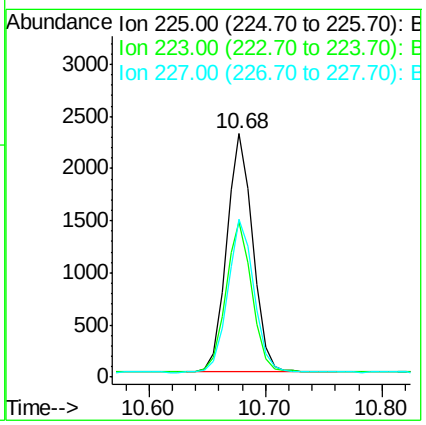


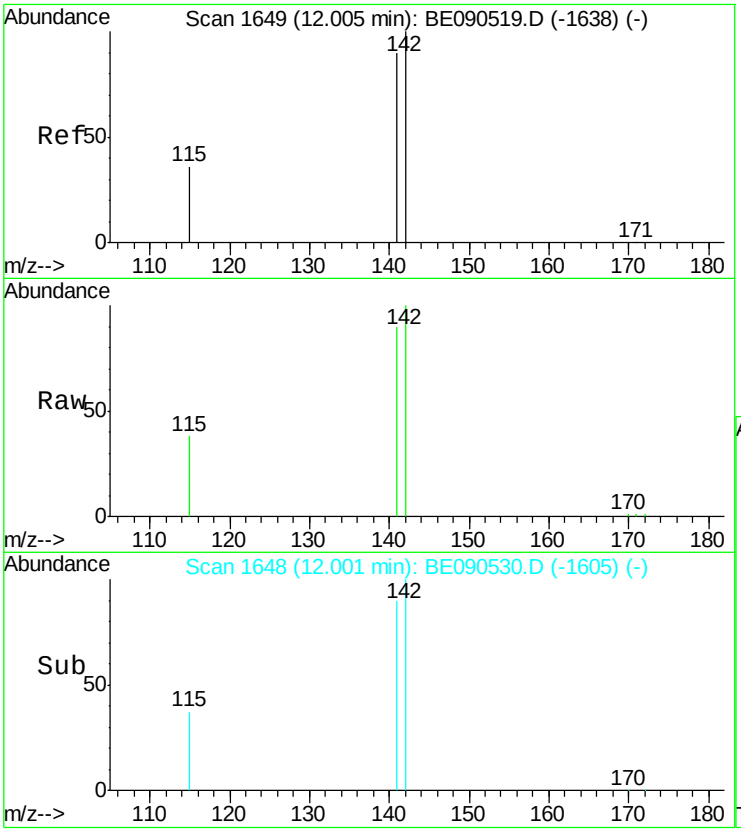


#10
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:225 Resp: 3599

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	64.1	50.7	76.1



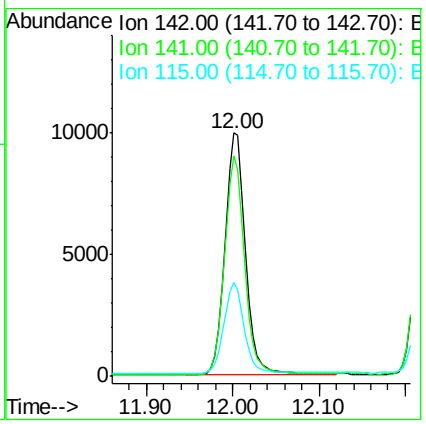


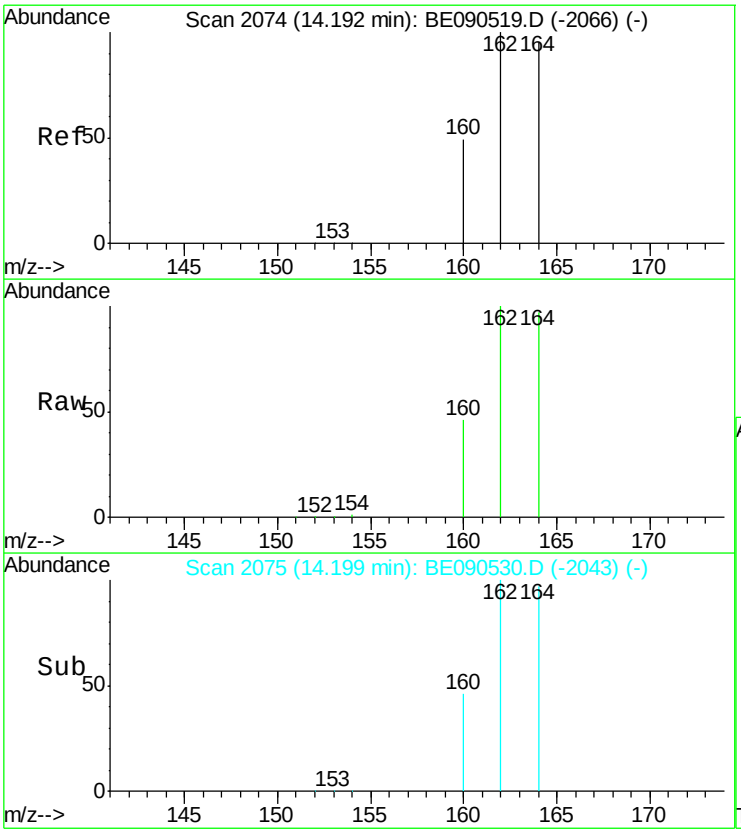
#11
2-Methylnaphthalene
Concen: 1.03 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 16659

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	109.0
115	38.4	31.6	47.4

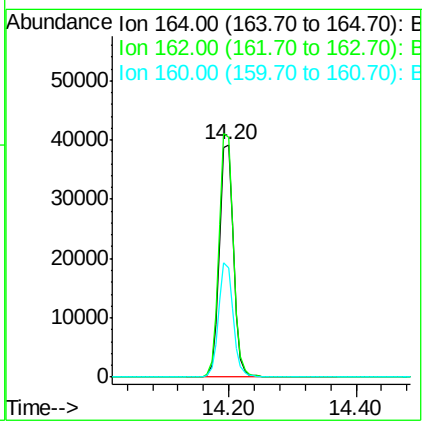


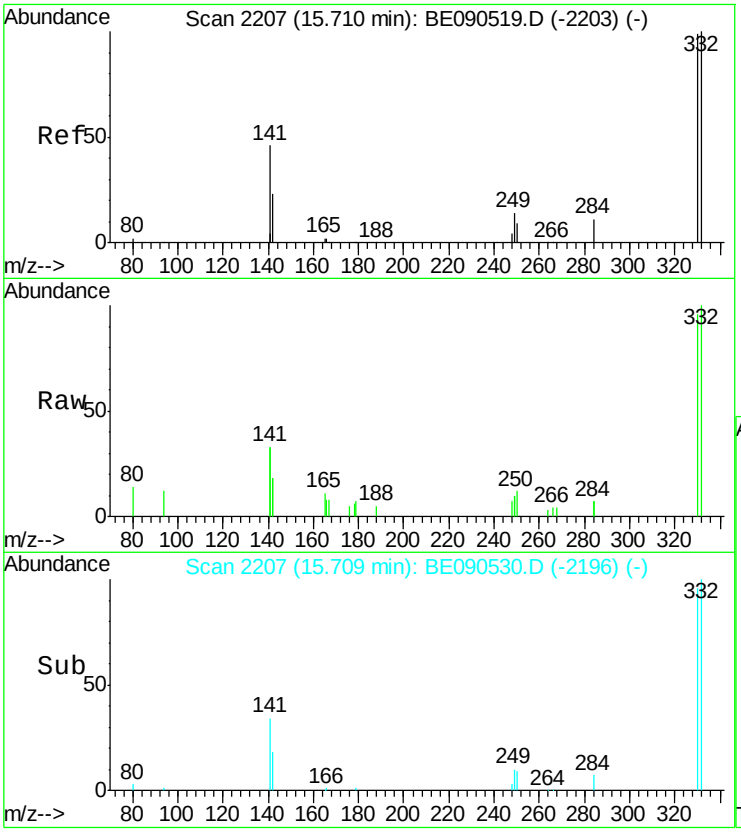


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:164 Resp: 60004

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.8
160	47.0	44.2	66.4



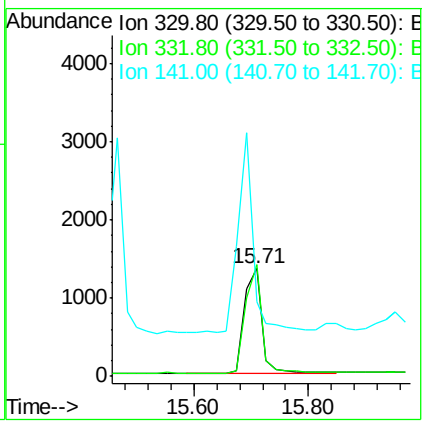


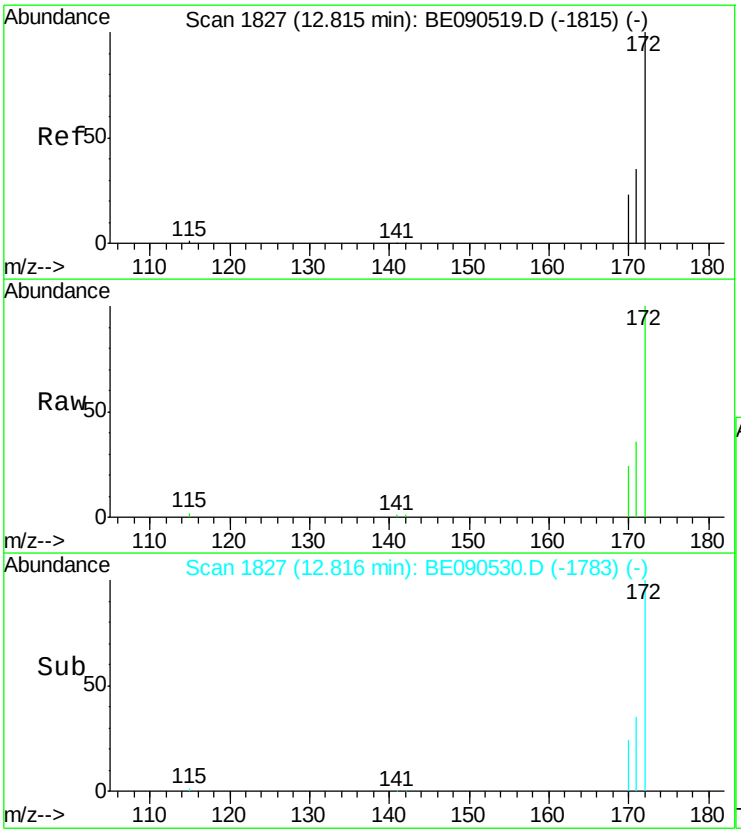
#13
2,4,6-Tribromophenol
Concen: 1.23 ng
RT: 15.71 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 2829

Ion	Ratio	Lower	Upper
330	100		
332	98.7	75.8	113.6
141	162.8	114.4	171.6

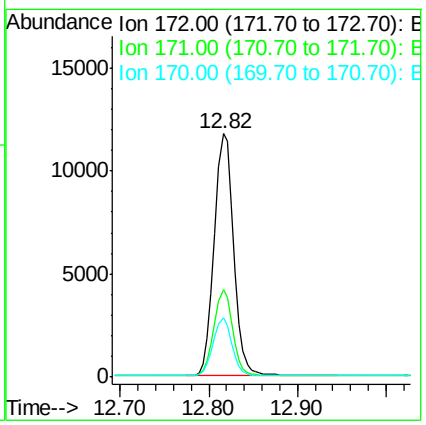


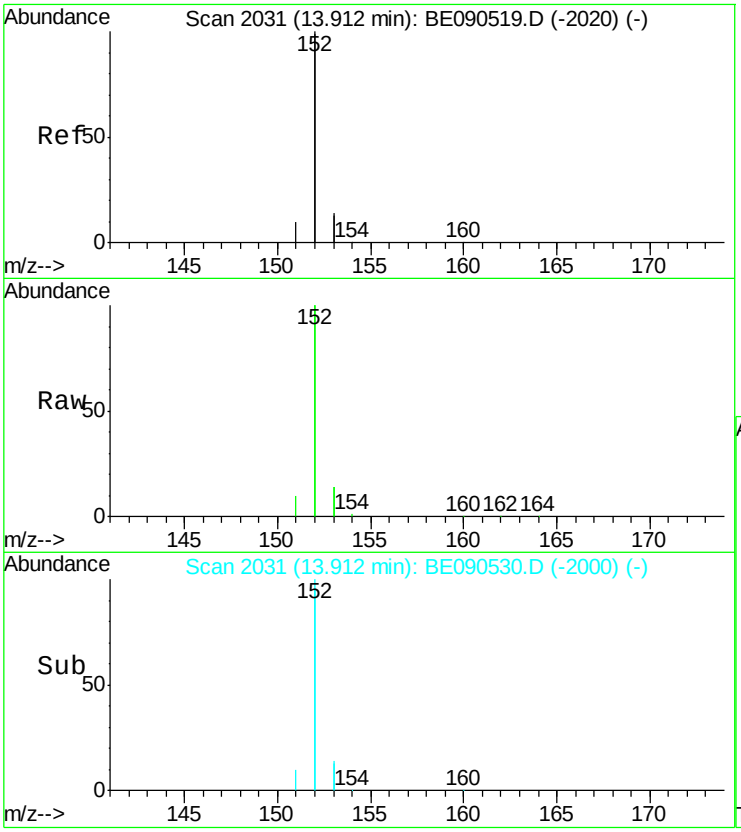


#14
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:172 Resp: 18003

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.1	19.8	29.8



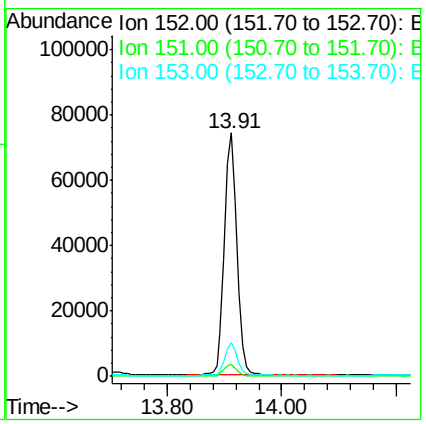


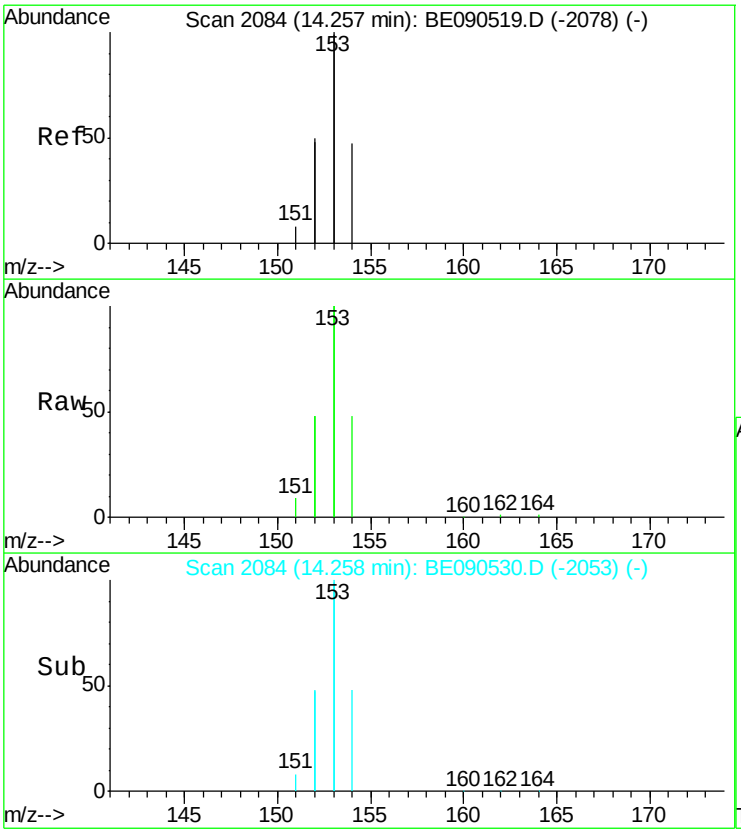
#15
Acenaphthylene
Concen: 1.03 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 112448

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

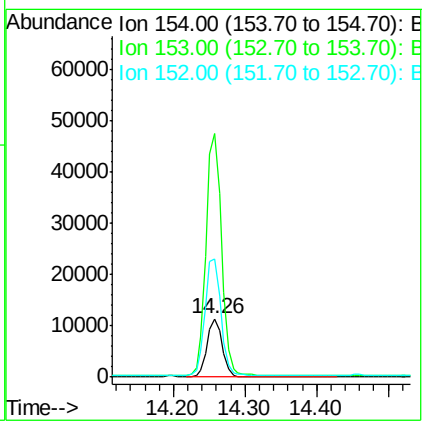


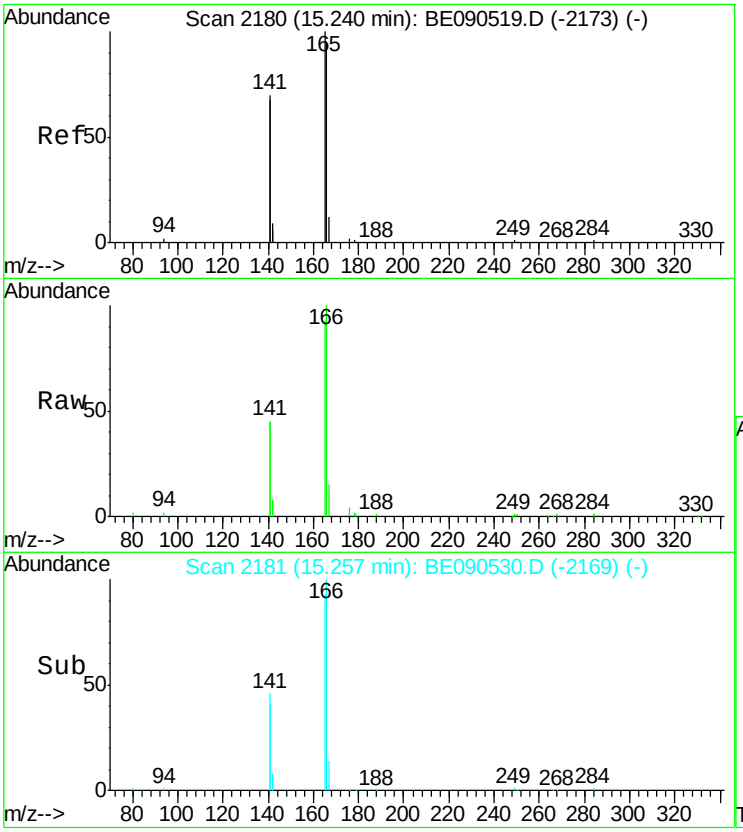


#16
Acenaphthene
Concen: 1.01 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:154 Resp: 16669

Ion	Ratio	Lower	Upper
154	100		
153	427.5	376.2	564.2
152	211.1	235.0	352.4#



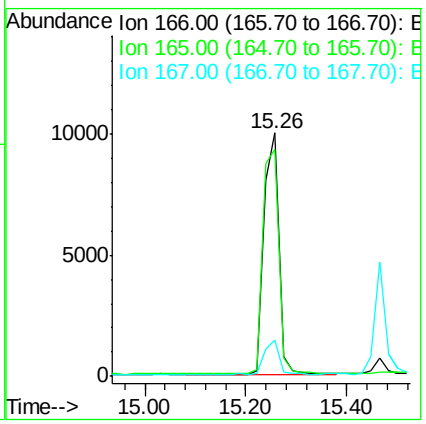


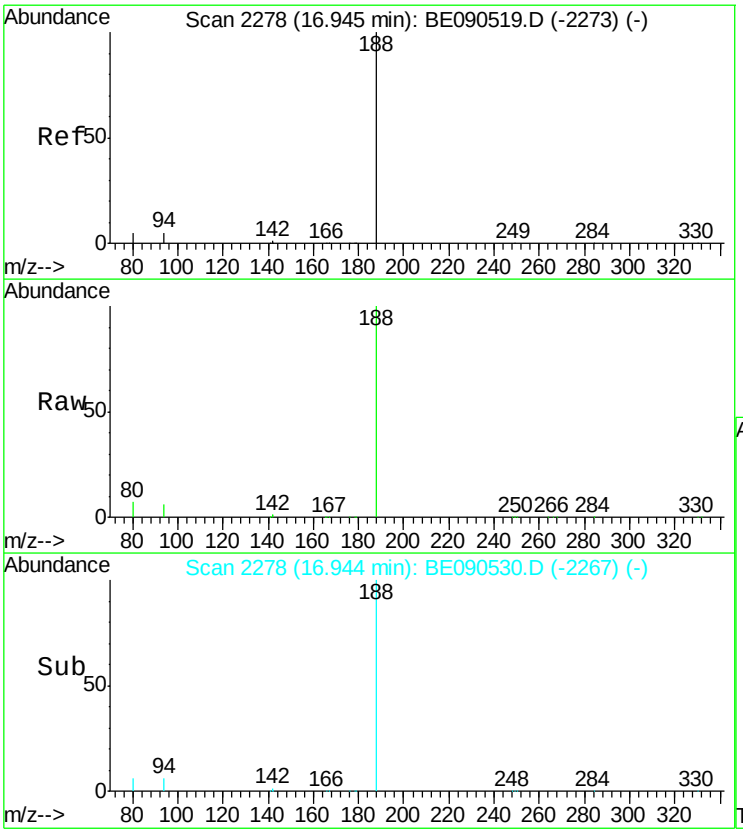
#17
Fluorene
Concen: 1.00 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 20176

Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.5	122.3
167	14.0	11.4	17.0

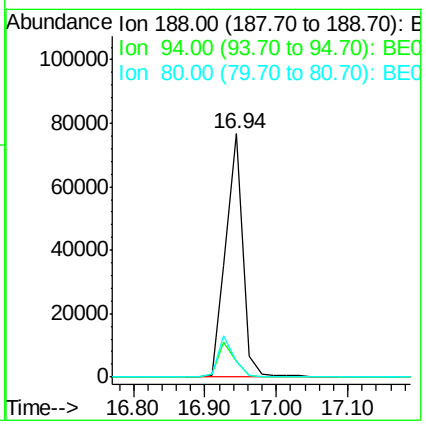


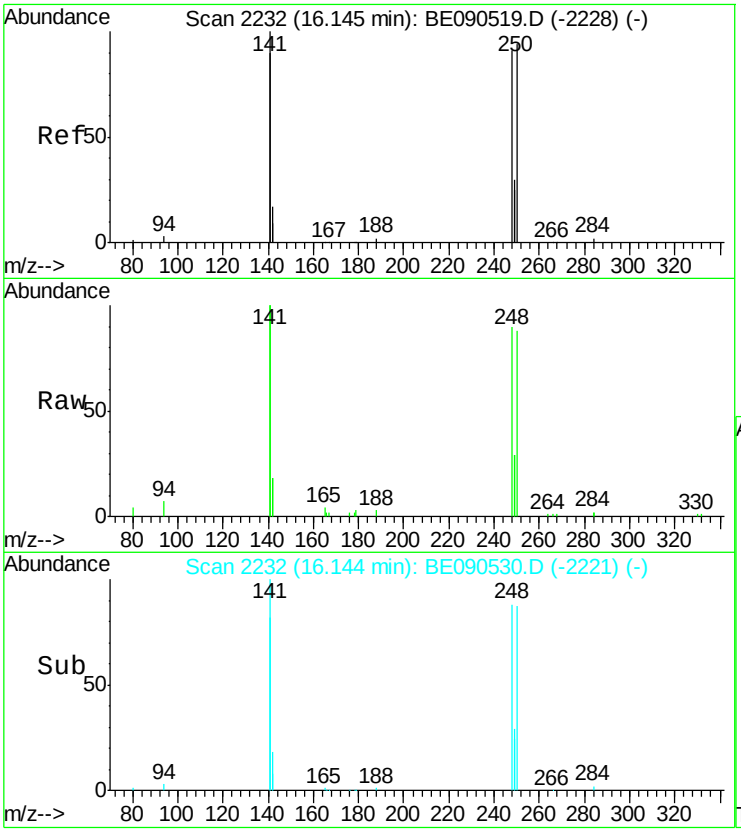


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:188 Resp: 126348

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	6.7	5.8	8.8



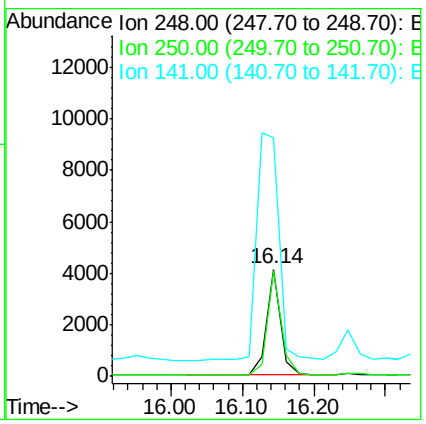


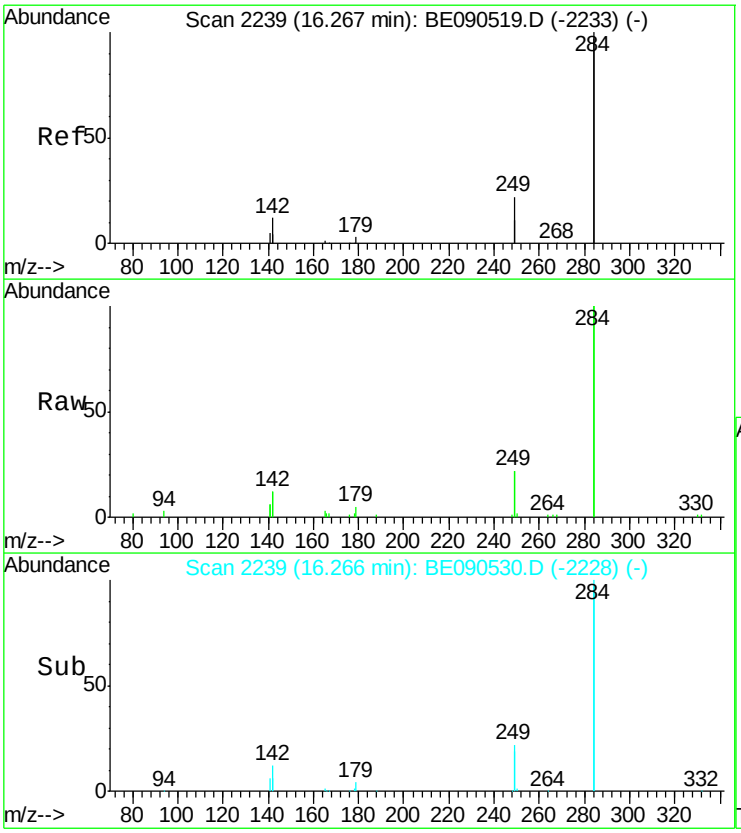
#19
4-Bromophenyl-phenylether
Concen: 1.10 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 5662

Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.0	118.6
141	341.9	239.5	359.3

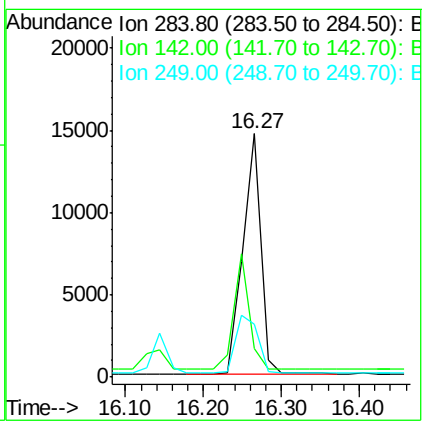


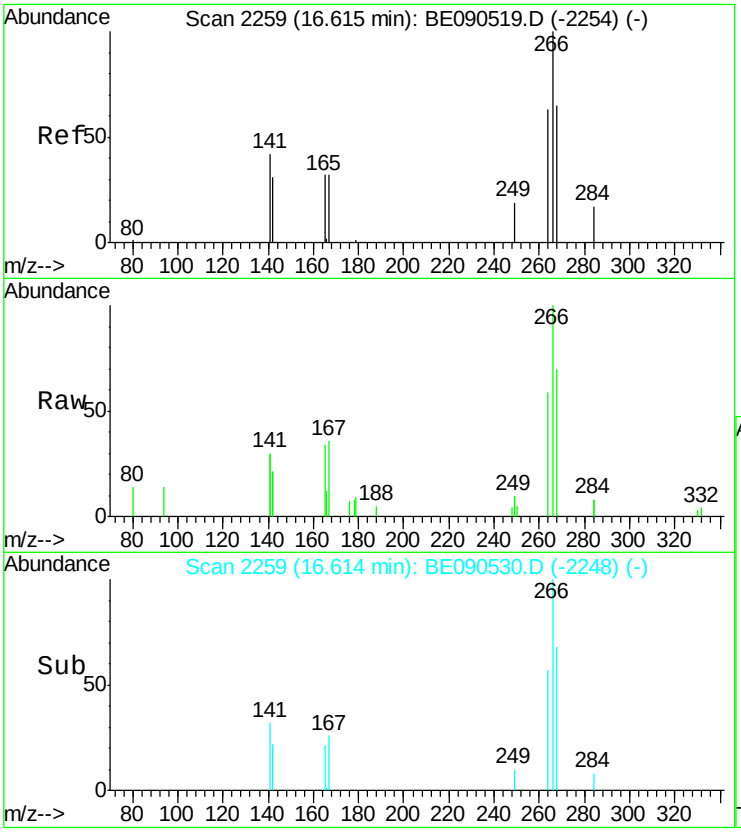


#20
Hexachlorobenzene
Concen: 1.03 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:284 Resp: 23469

Ion	Ratio	Lower	Upper
284	100		
142	41.1	30.1	45.1
249	30.6	25.7	38.5



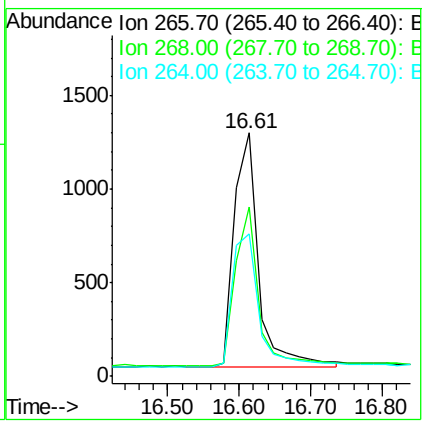


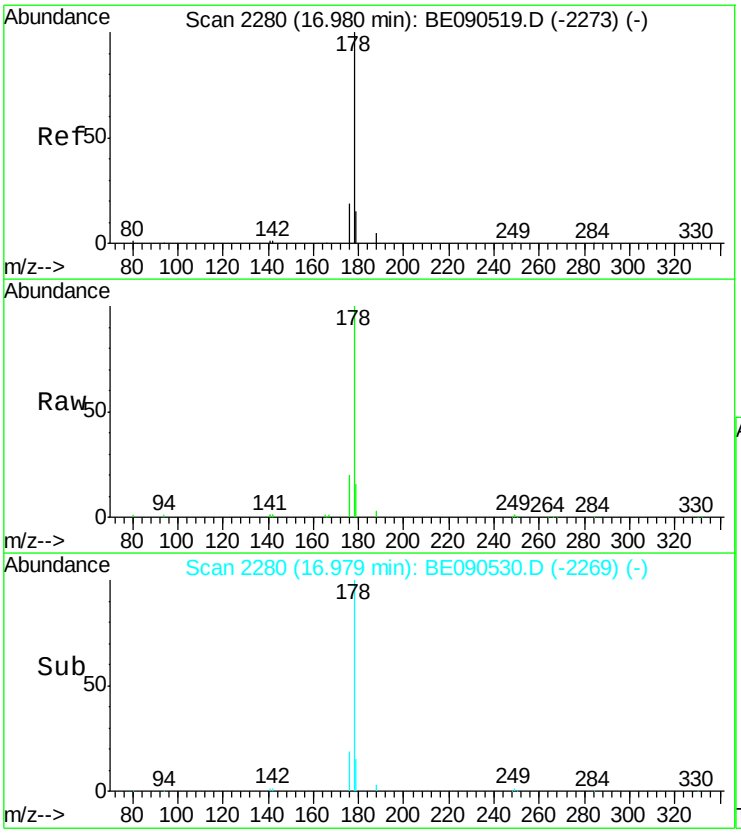
#21
Pentachlorophenol
Concen: 1.30 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 2923

Ion	Ratio	Lower	Upper
266	100		
268	69.7	58.5	87.7
264	58.7	56.0	84.0

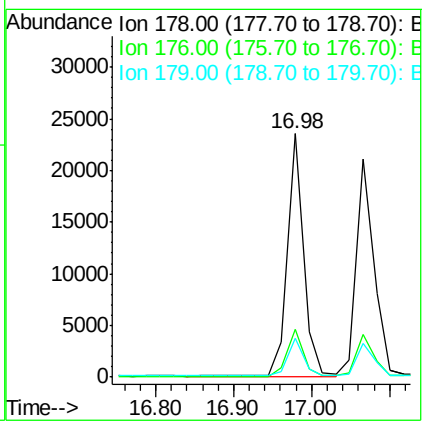


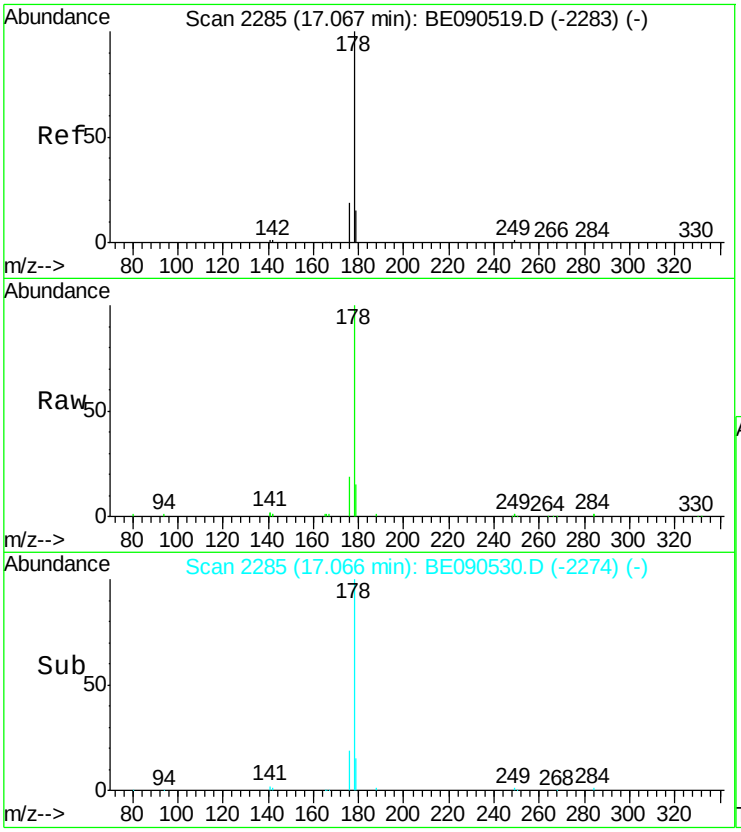


#22
Phenanthrene
Concen: 0.99 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:178 Resp: 32994

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.9	12.5	18.7



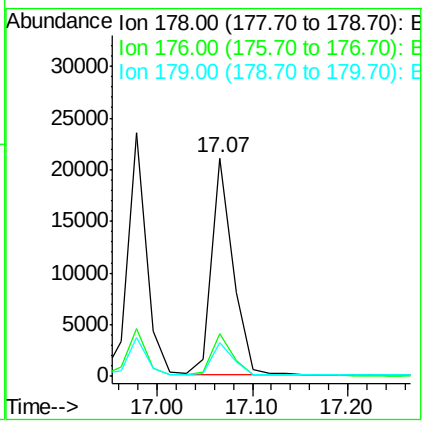


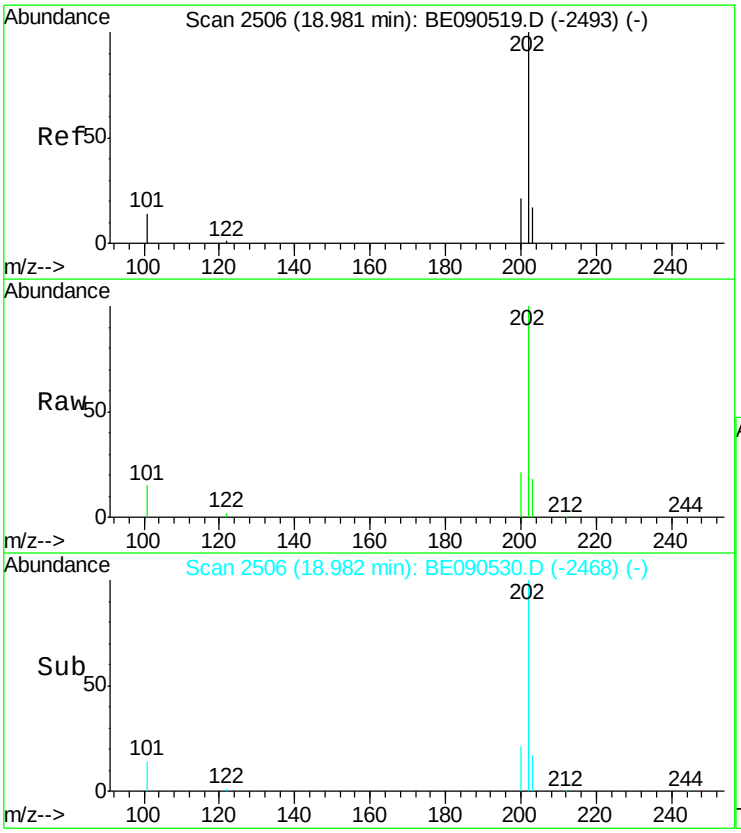
#23
Anthracene
Concen: 1.07 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 32720

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.1	12.2	18.4

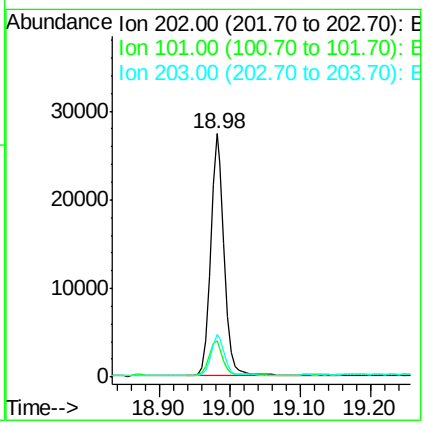


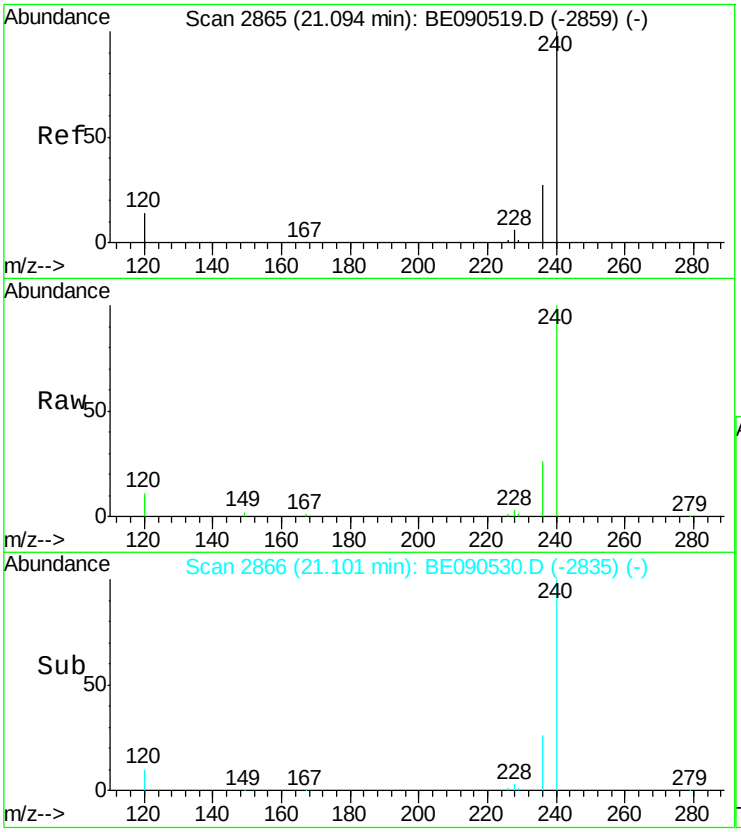


#24
Fluoranthene
Concen: 1.07 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:202 Resp: 37724

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.3	15.5
203	17.3	13.7	20.5



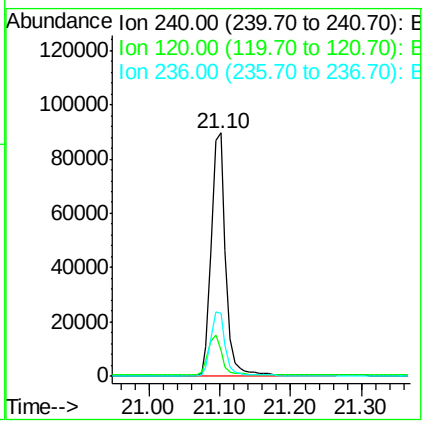


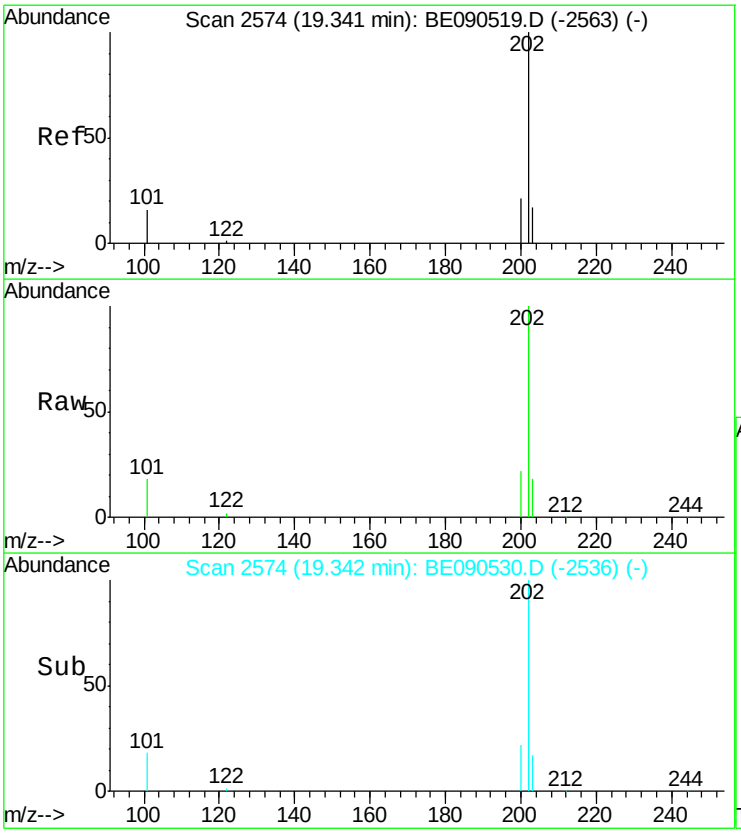
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2866
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 127693

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	26.2	21.0	31.4

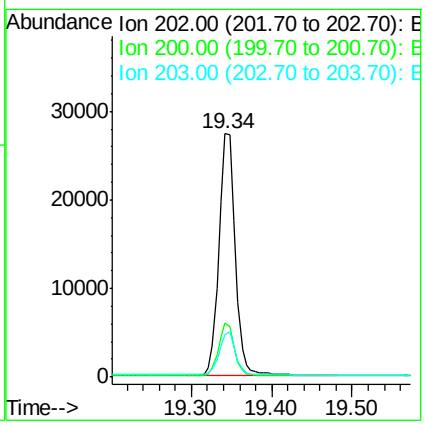


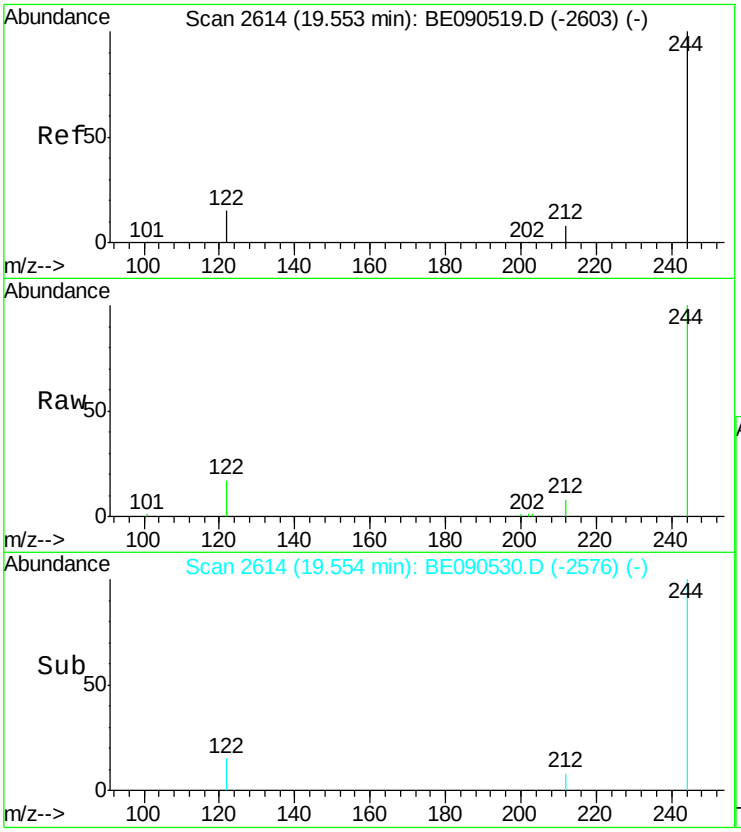


#26
Pyrene
Concen: 1.06 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:202 Resp: 38698

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.9	13.8	20.8



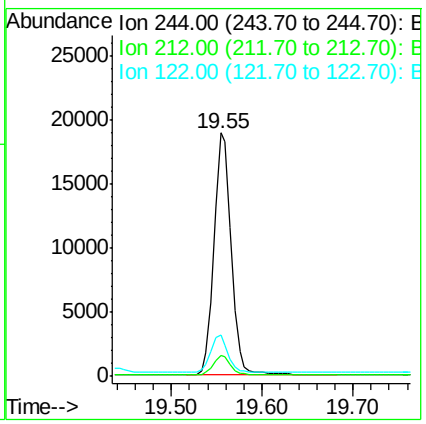


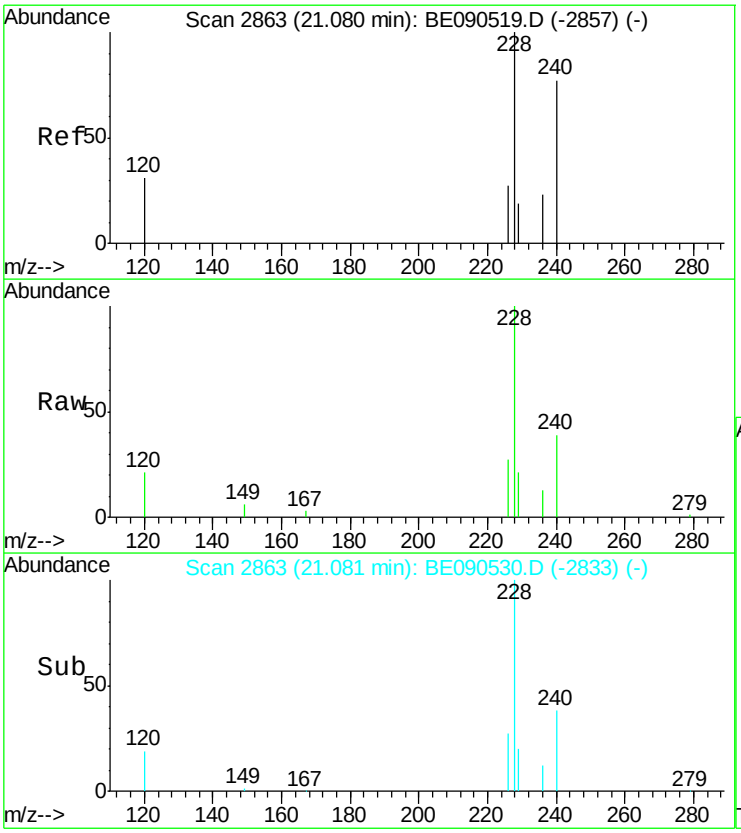
#27
Terphenyl-d14
Concen: 1.08 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 25240

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	16.9	10.2	15.4#

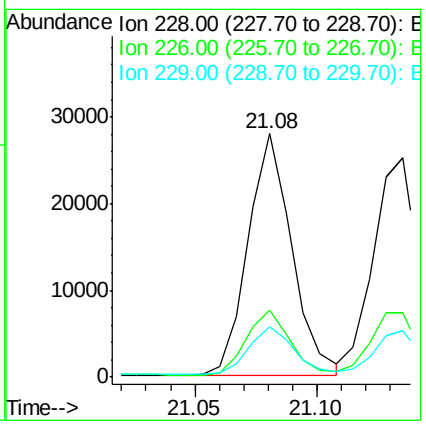


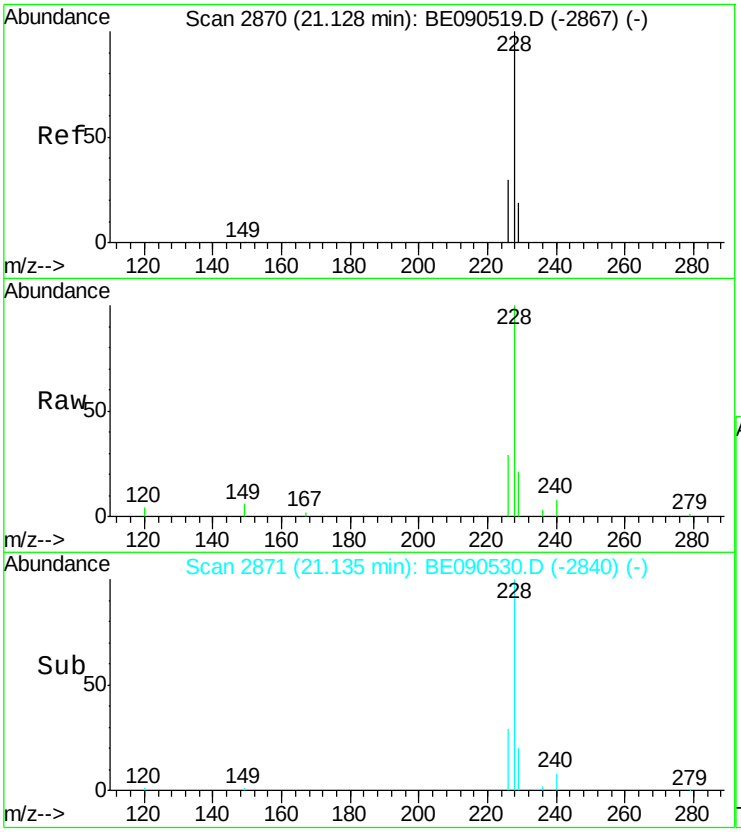


#28
Benzo(a)anthracene
Concen: 1.03 ng
RT: 21.08 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:228 Resp: 34555

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.8	15.4	23.0



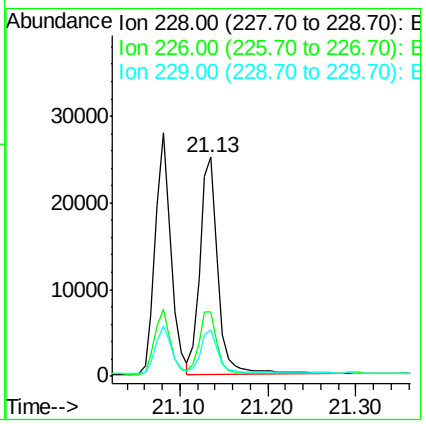


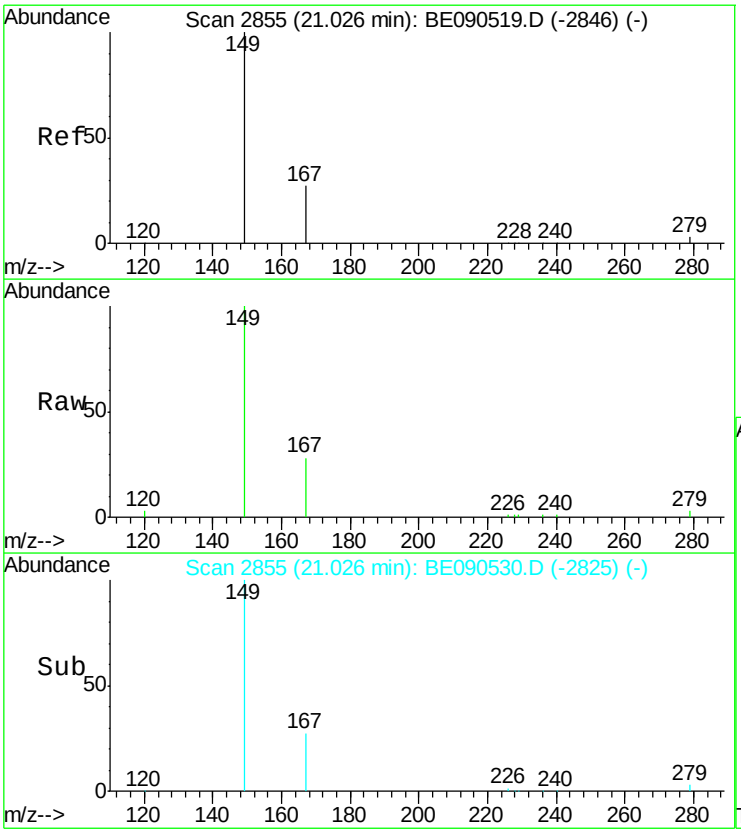
#29
Chrysene
Concen: 1.02 ng
RT: 21.13 min Scan# 2871
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 34856

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	21.2	15.8	23.8

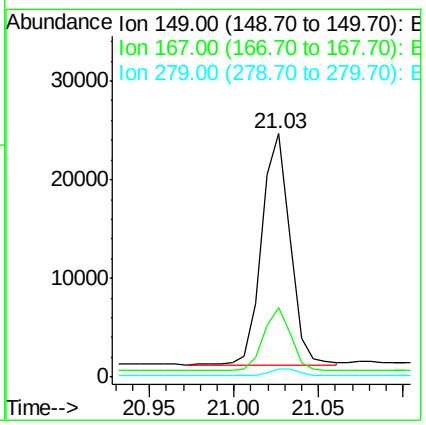


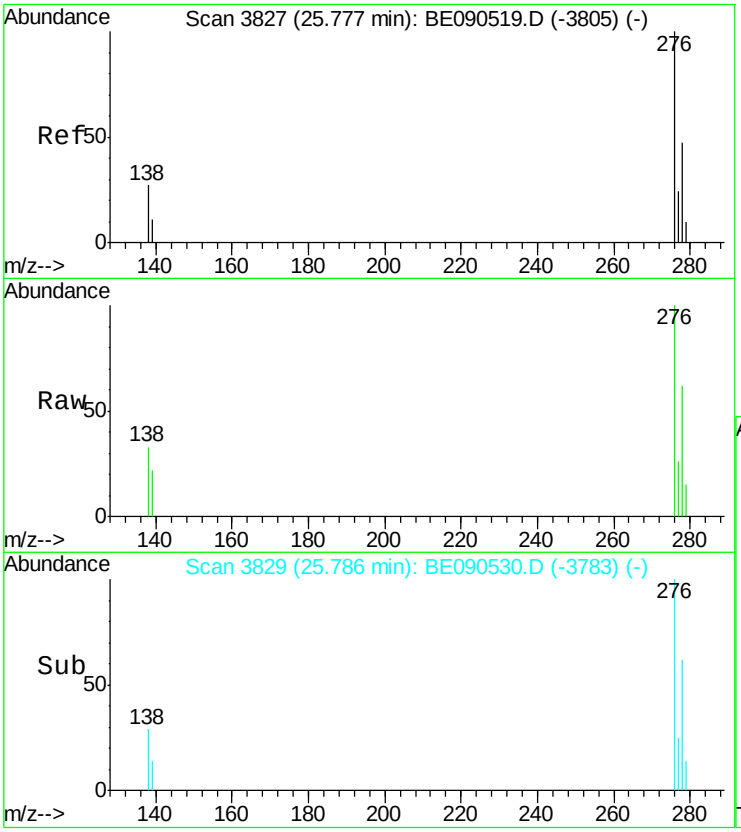


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.46 ng
RT: 21.03 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:149 Resp: 27227

Ion	Ratio	Lower	Upper
149	100		
167	26.0	19.8	29.8
279	3.2	2.4	3.6



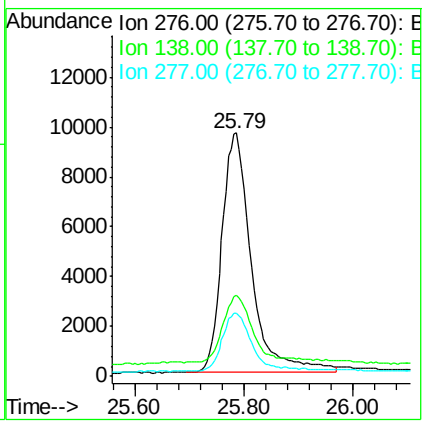


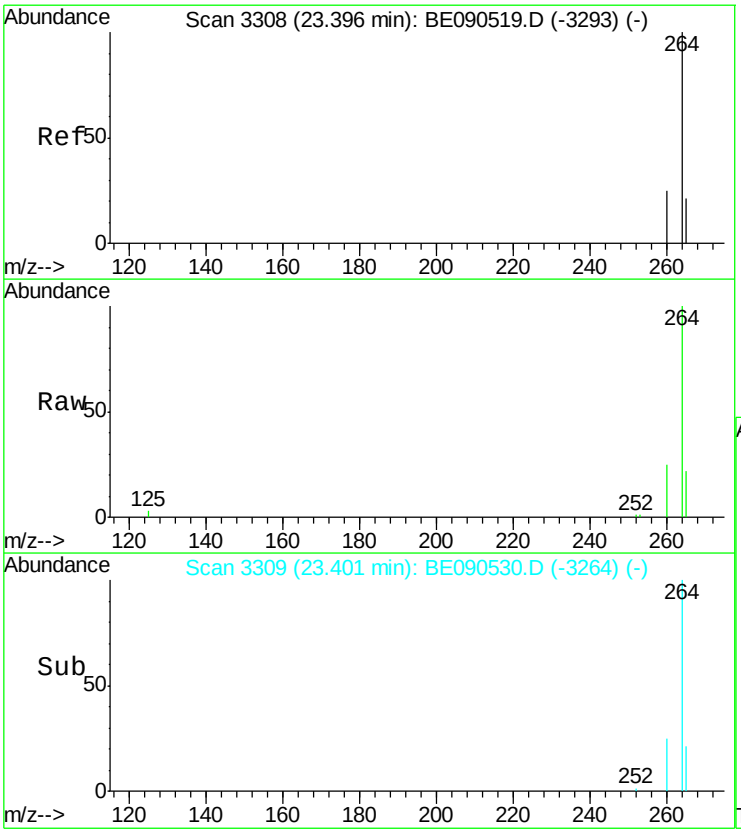
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.12 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 36057

Ion	Ratio	Lower	Upper
276	100		
138	27.8	18.8	28.2
277	24.0	18.2	27.4

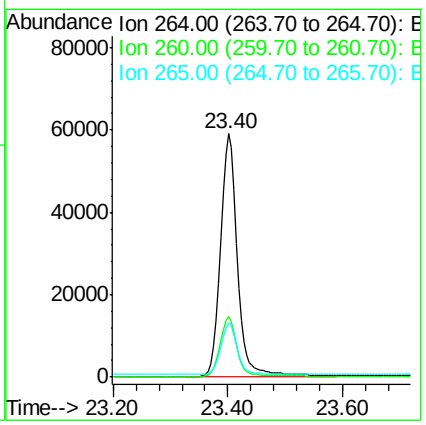


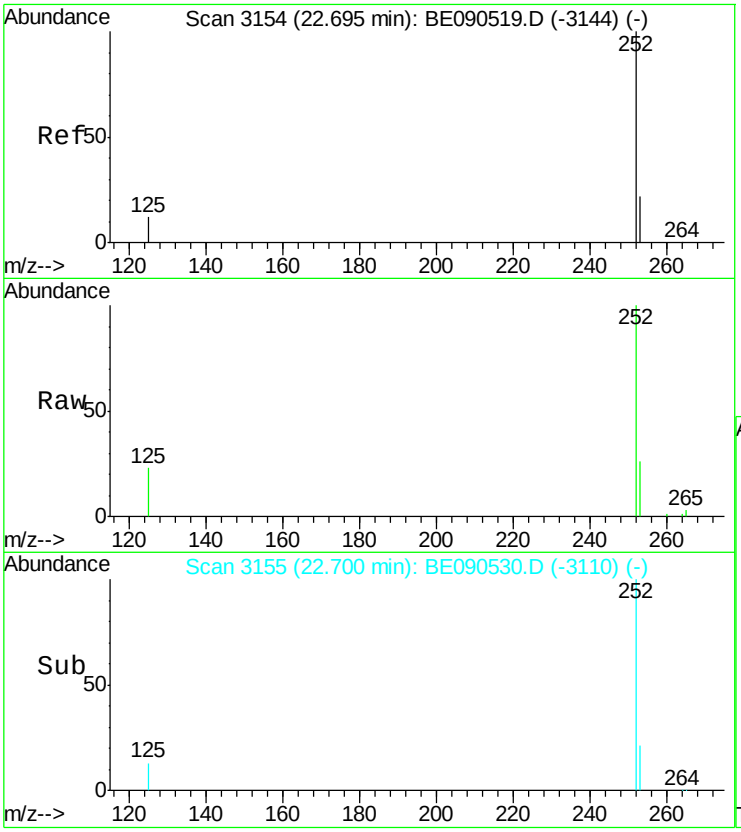


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3309
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:264 Resp: 122762

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.3	17.2	25.8



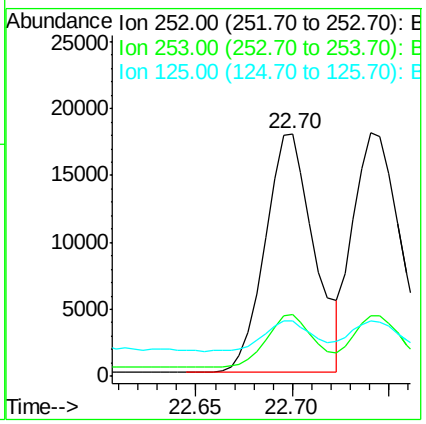


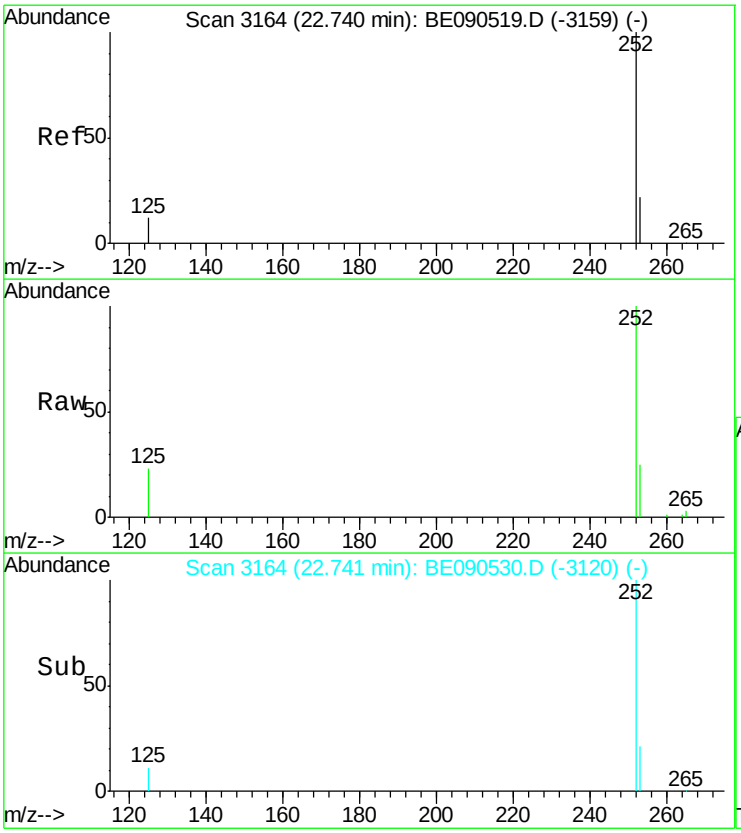
#33
Benzo(b)fluoranthene
Concen: 1.09 ng
RT: 22.70 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 31551

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	22.8	9.4	14.2#

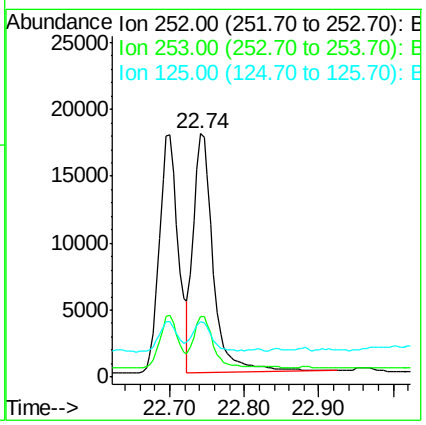


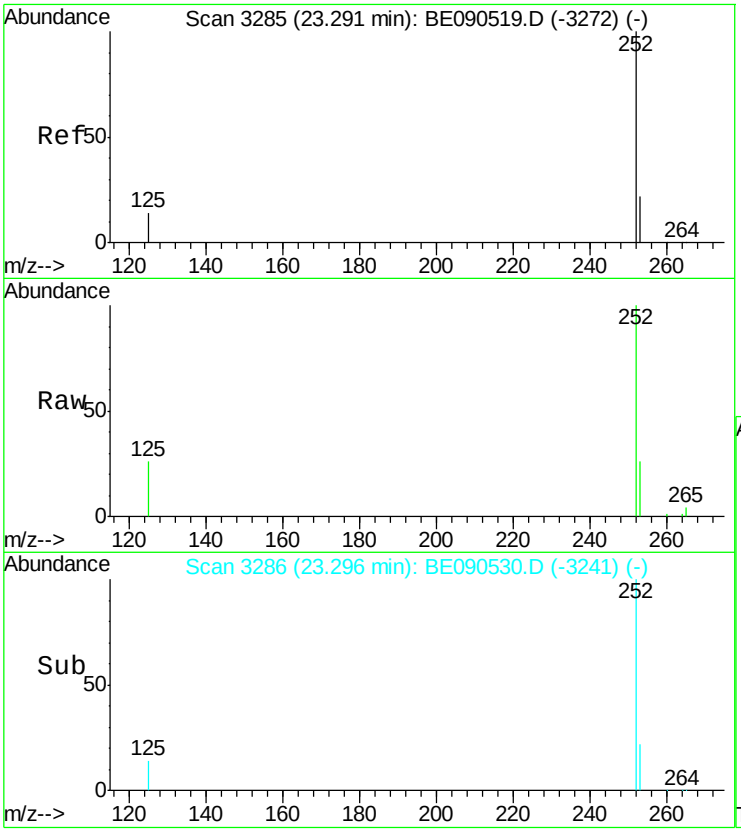


#34
Benzo(k)fluoranthene
Concen: 1.01 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:252 Resp: 33396

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	22.6	9.1	13.7#



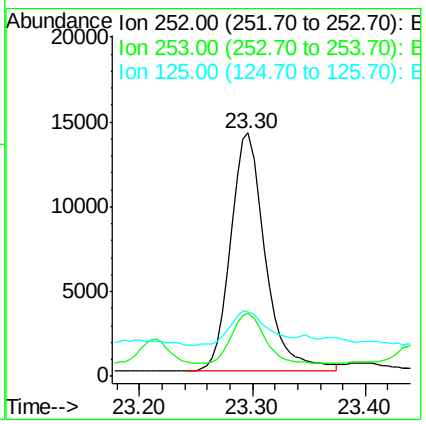


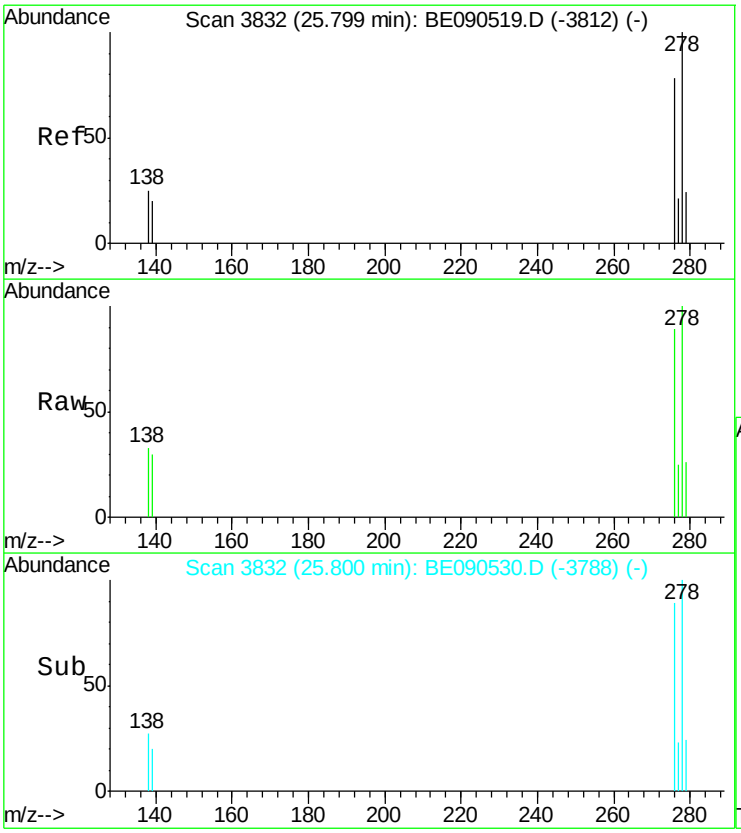
#35
Benzo(a)pyrene
Concen: 1.07 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 29180

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	26.5	9.8	14.6#

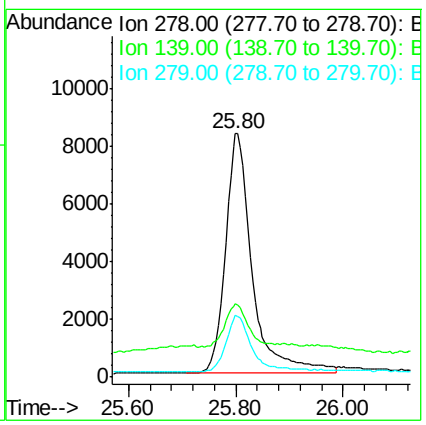


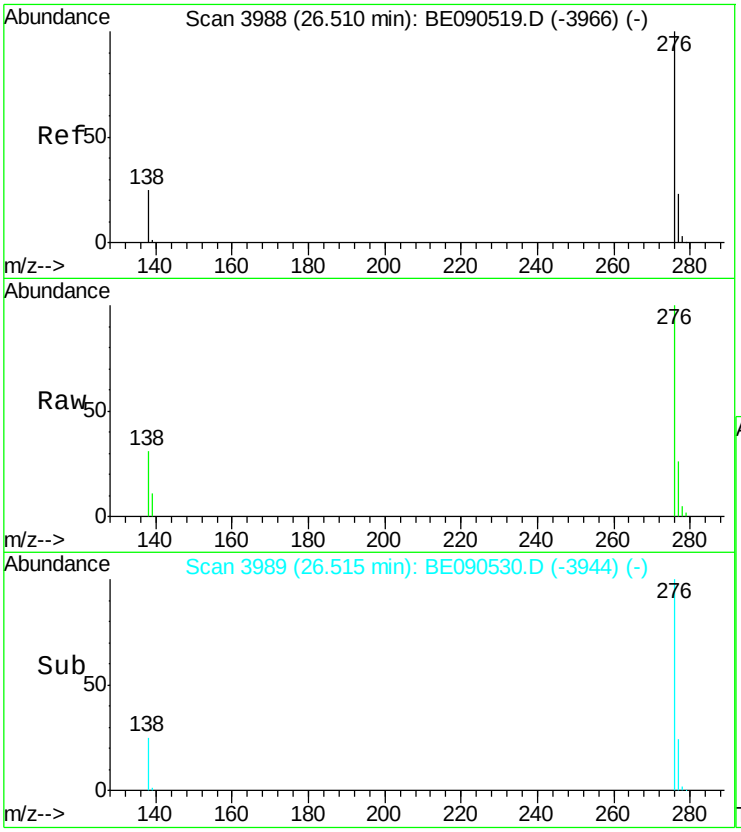


#36
Dibenzo(a,h)anthracene
Concen: 1.10 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:278 Resp: 28767

Ion	Ratio	Lower	Upper
278	100		
139	30.1	14.2	21.4#
279	25.6	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.08 ng
RT: 26.52 min Scan# 3989
Delta R.T. 0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 31079

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.1	30.1
138	30.5	18.1	27.1#