Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
Data File : BE090406.D
Acq On : 10 Aug 2015 12:10
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Aug 11 03:16:46 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21934	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	98460	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	57185	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	135858	5.00	ng		0.00
25) Chrysene-d12	21.09	240	162568	5.00	ng		0.00
32) Perylene-d12	23.40	264	145309	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	4116	1.25	ng		0.00
5) Phenol-d6	6.77	99	6260	1.10	ng		0.00
7) Nitrobenzene-d5	8.73	82	6766	1.01	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1167	1.20	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	16330	1.04	ng		0.00
27) Terphenyl-d14	19.56	244	25068	1.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3364	1.19	ng		91
3) n-Nitrosodimethylamine	3.49	42	3390	1.00	ng	#	77
8) Nitrobenzene	8.77	77	7000	0.99	ng		99
9) Naphthalene	10.38	128	21899	1.01	ng		99
10) Hexachlorobutadiene	10.69	225	3765	1.09	ng		100
11) 2-Methylnaphthalene	12.01	142	13347	1.06	ng		99
15) Acenaphthylene	13.91	152	94920	1.02	ng		100
16) Acenaphthene	14.26	154	14371	1.00	ng		94
17) Fluorene	15.26	166	18818	1.01	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5428	1.03	ng		99
20) Hexachlorobenzene	16.27	284	25618	0.94	ng		98
21) Pentachlorophenol	16.61	266	920	1.04	ng		91
22) Phenanthrene	16.98	178	33410	0.98	ng		100
23) Anthracene	17.07	178	29072	1.04	ng		100
24) Fluoranthene	18.99	202	34971	1.05	ng		99
26) Pyrene	19.35	202	36298	1.03	ng		100
28) Benzo(a)anthracene	21.08	228	36998	1.03	ng		99
29) Chrysene	21.13	228	42897	0.99	ng		99
30) Bis(2-ethylhexyl)phthalate	21.03	149	8242	1.00	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	30987	1.00	ng		95
33) Benzo(b)fluoranthene	22.70	252	28939	1.04	ng		98
34) Benzo(k)fluoranthene	22.74	252	36822	0.91	ng		100
35) Benzo(a)pyrene	23.29	252	25873	1.02	ng		98
36) Dibenzo(a,h)anthracene	25.80	278	23410	1.01	ng		99
37) Benzo(g,h,i)perylene	26.51	276	27835	1.04	ng		98

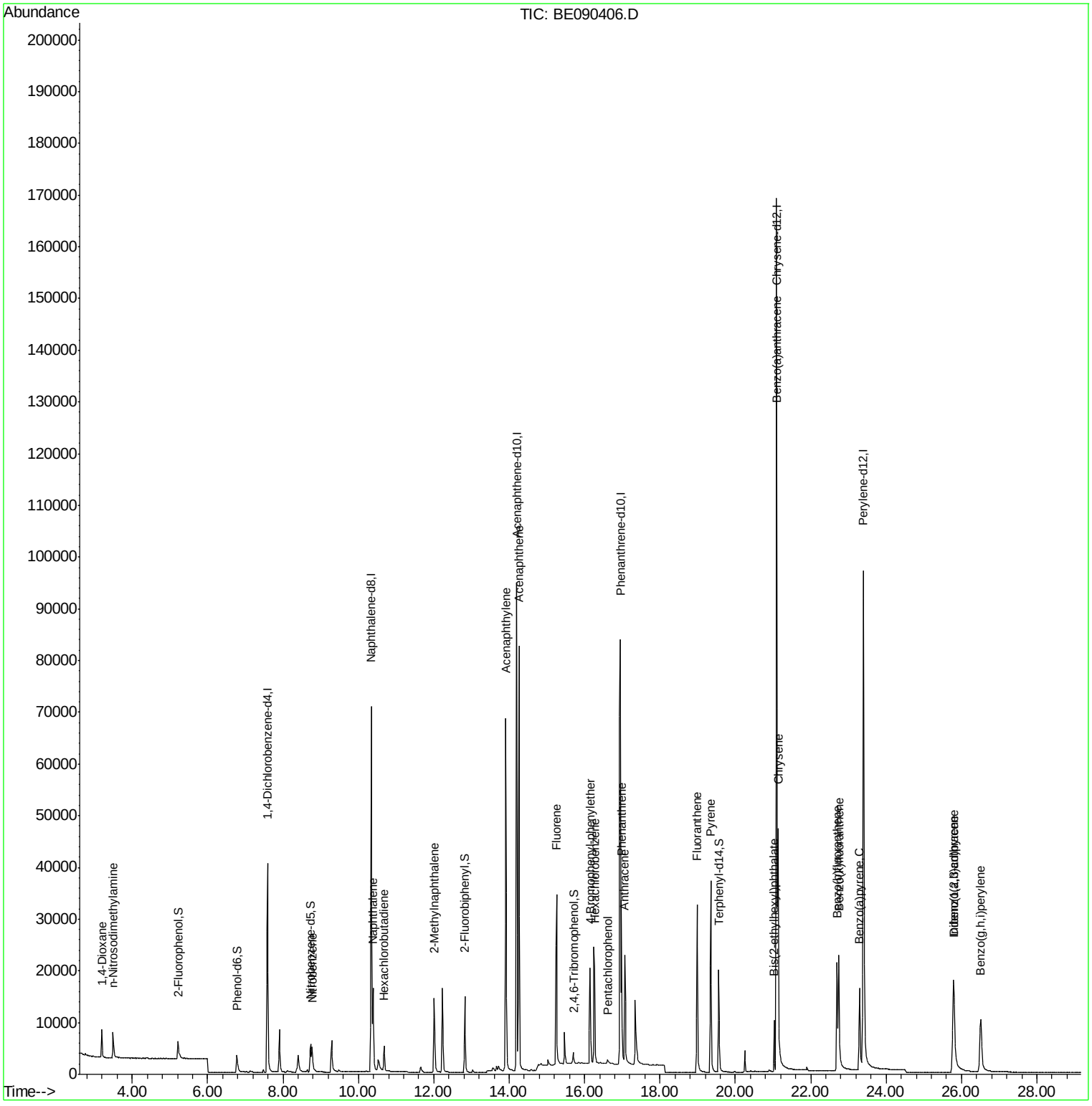
(#) = qualifier out of range (m) = manual integration (+) = signals summed

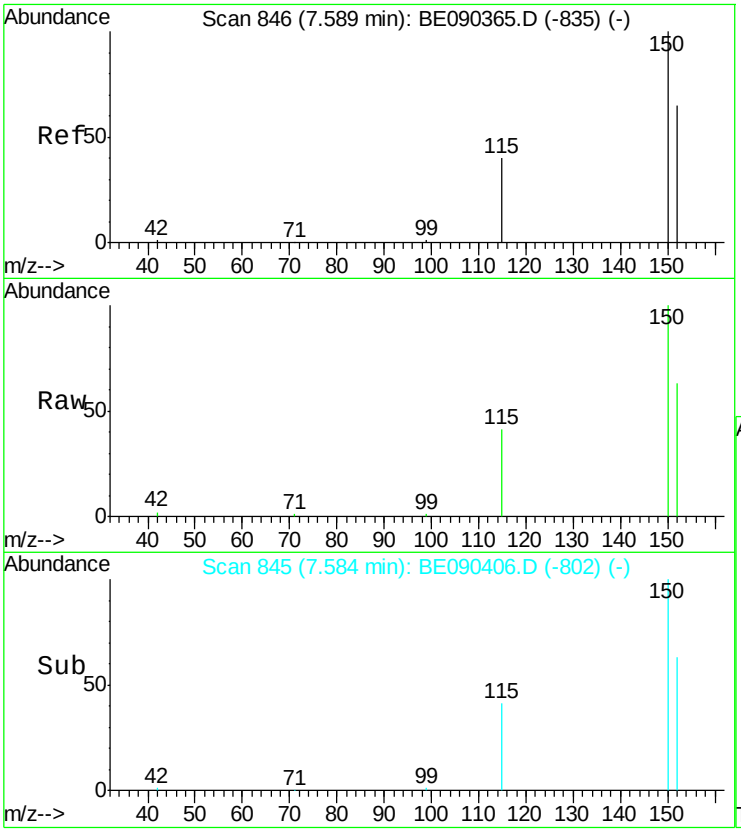
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
Data File : BE090406.D
Acq On : 10 Aug 2015 12:10
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Aug 11 03:16:46 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



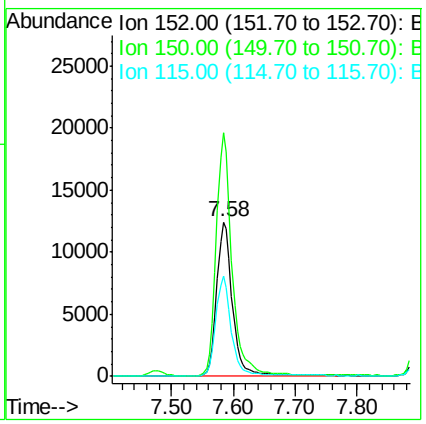


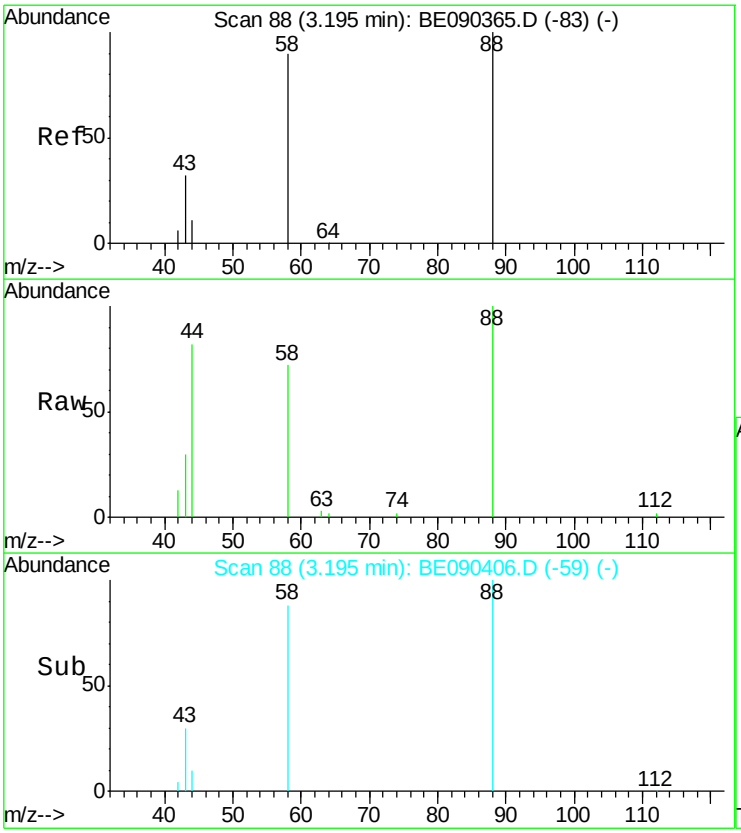
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 21934

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	64.9	48.9	73.3

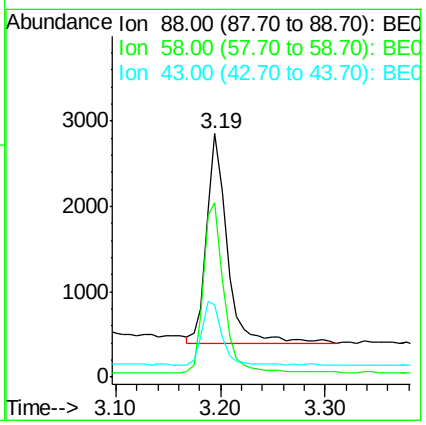


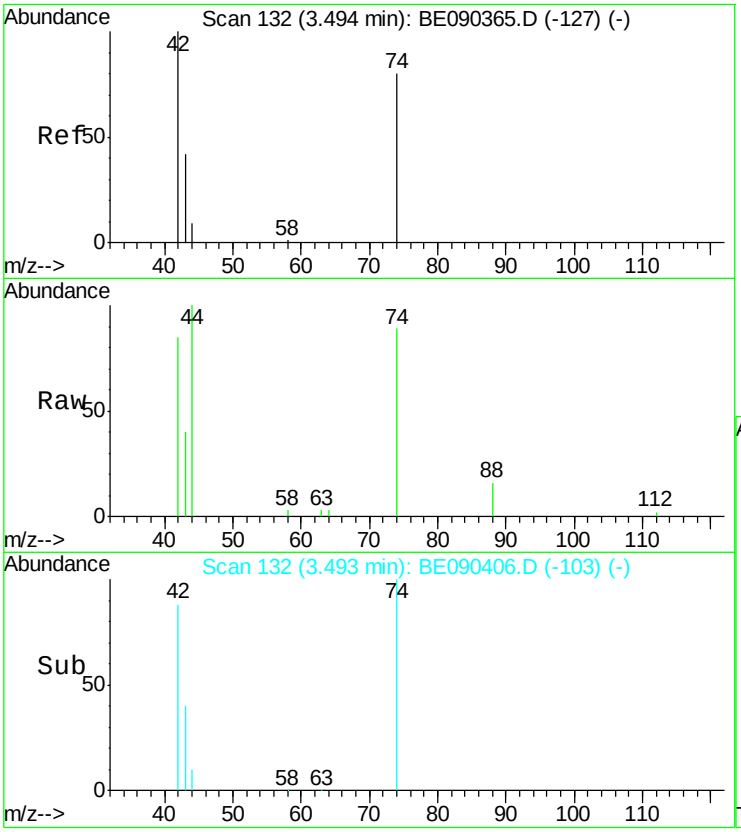


#2
1,4-Dioxane
Concen: 1.19 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion: 88 Resp: 3364

Ion	Ratio	Lower	Upper
88	100		
58	79.3	70.0	105.0
43	29.5	28.4	42.6



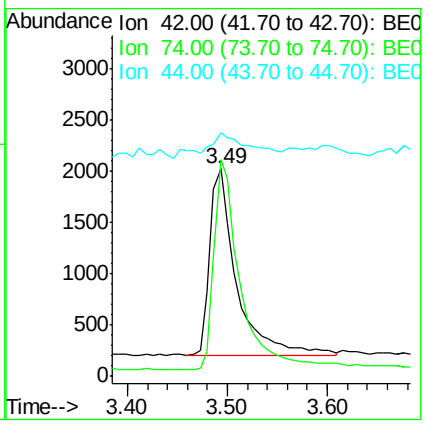


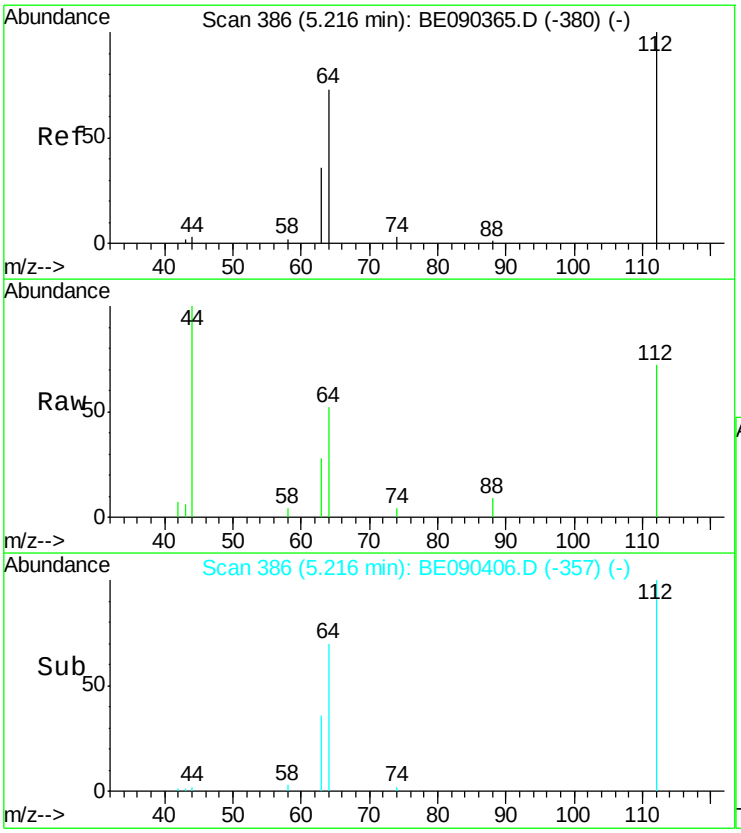
#3
n-Nitrosodimethylamine
Concen: 1.00 ng
RT: 3.49 min Scan# 132
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 3390

Ion	Ratio	Lower	Upper
42	100		
74	115.1	75.2	112.8#
44	22.5	8.7	13.1#

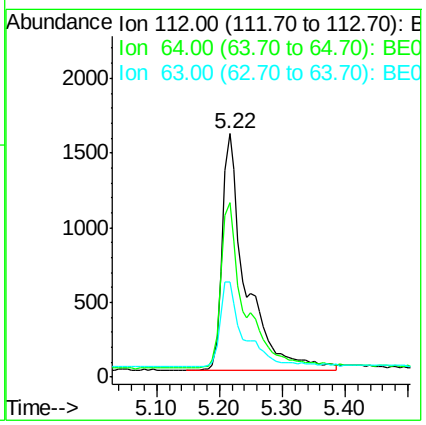


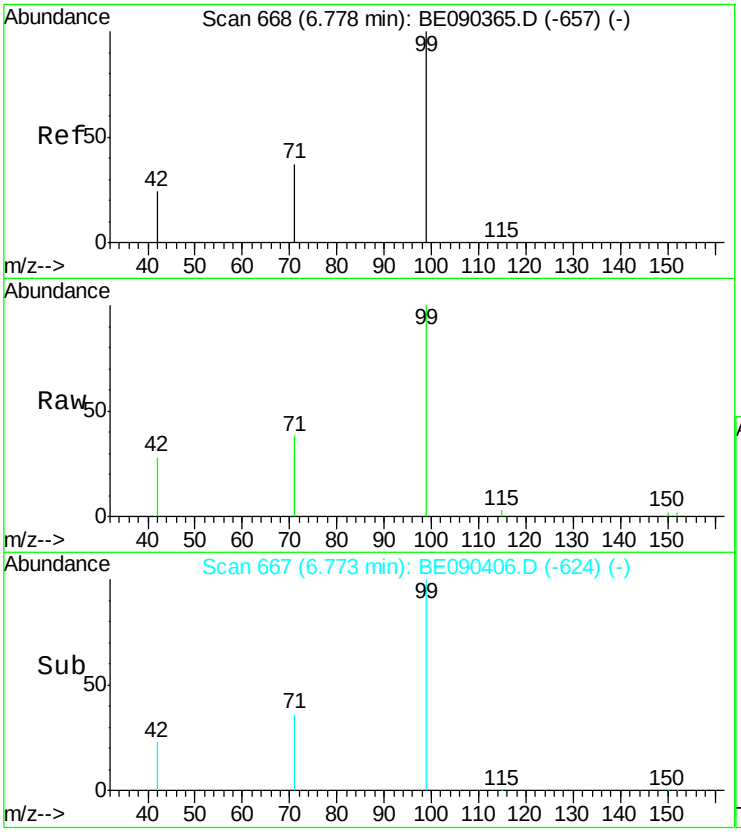


#4
2-Fluorophenol
Concen: 1.25 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:112 Resp: 4116

Ion	Ratio	Lower	Upper
112	100		
64	71.7	37.1	55.7#
63	36.9	19.5	29.3#



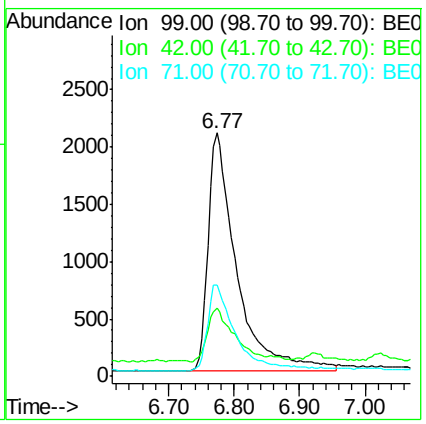


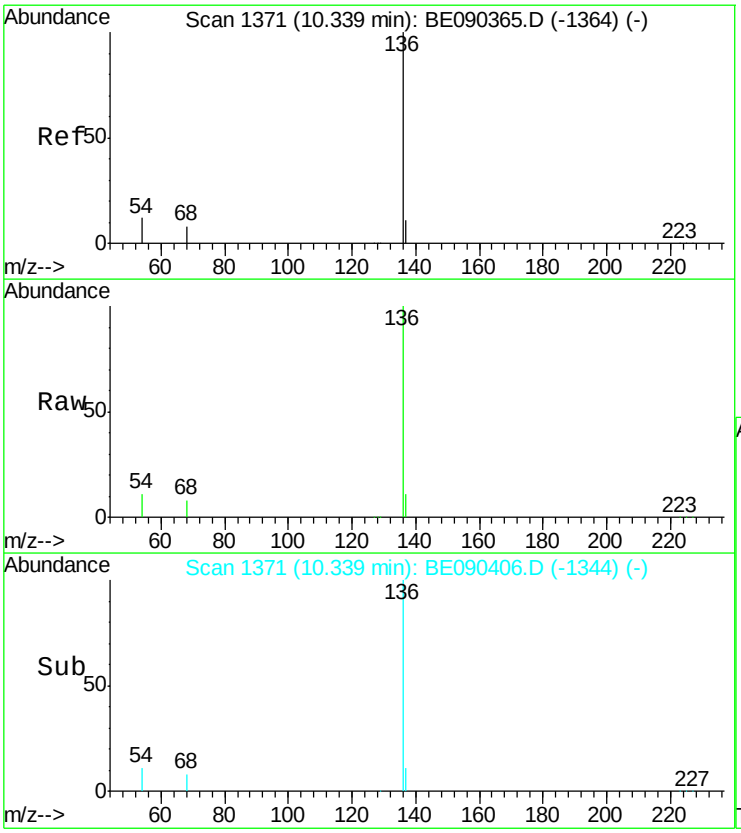
#5
Phenol-d6
Concen: 1.10 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 6260

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.4
71	35.3	27.4	41.0

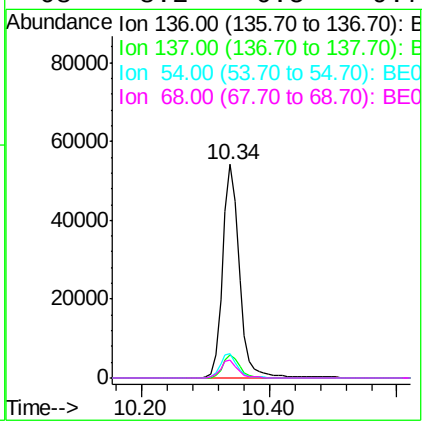


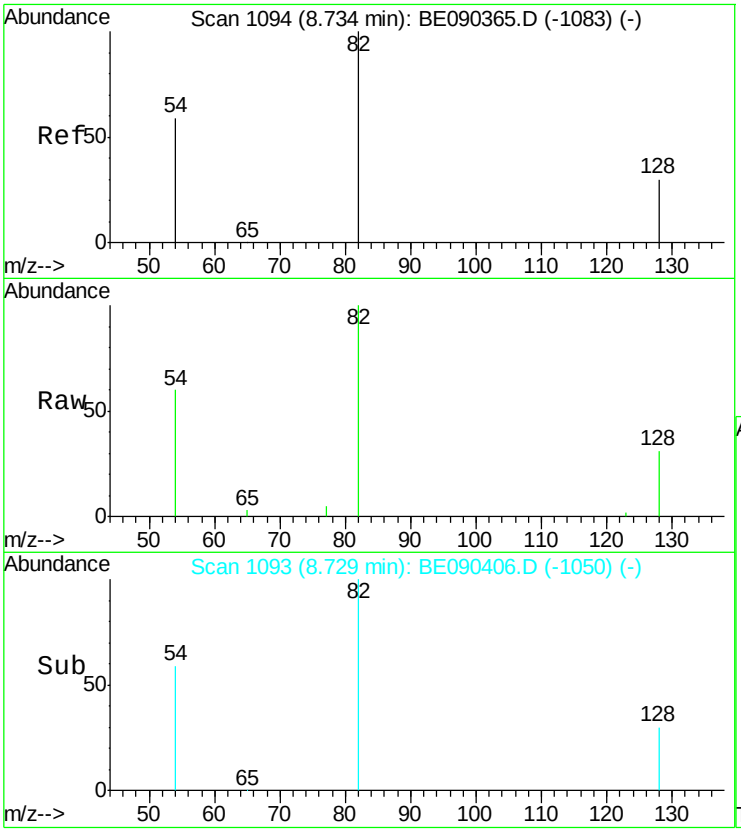


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:136 Resp: 98460

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.4	9.4	14.0
68	8.2	6.5	9.7



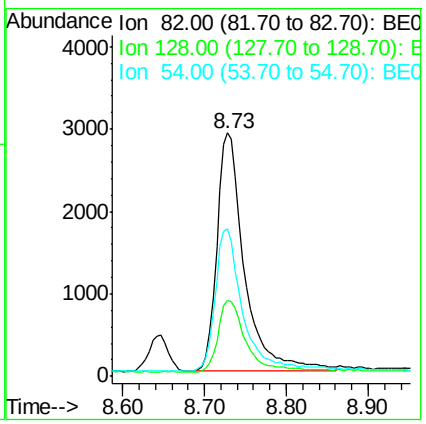


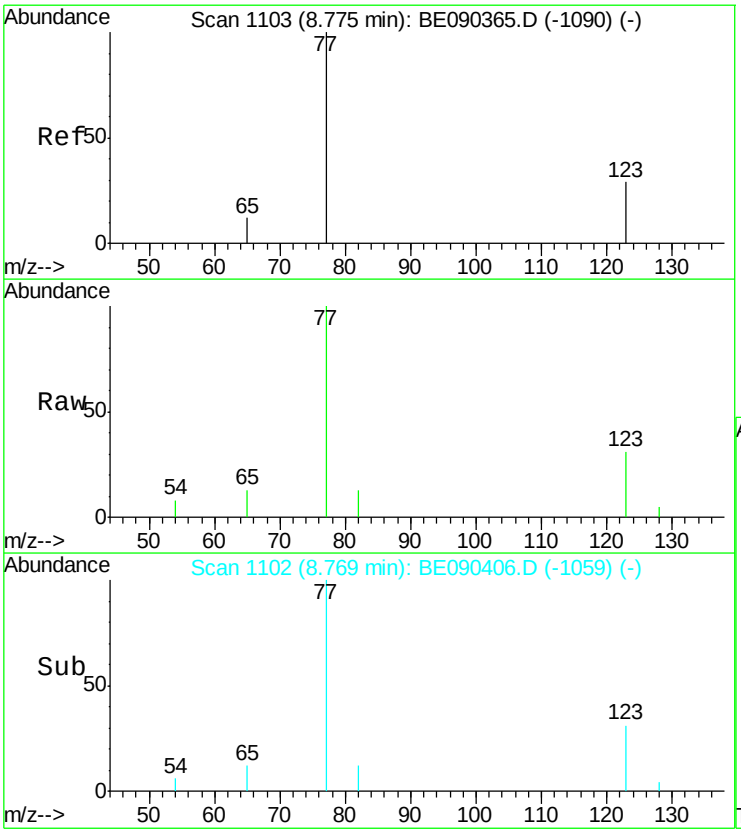
#7
Nitrobenzene-d5
Concen: 1.01 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 6766

Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.0	37.6
54	60.4	48.8	73.2

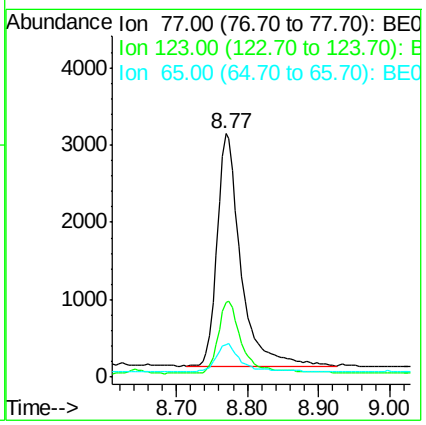


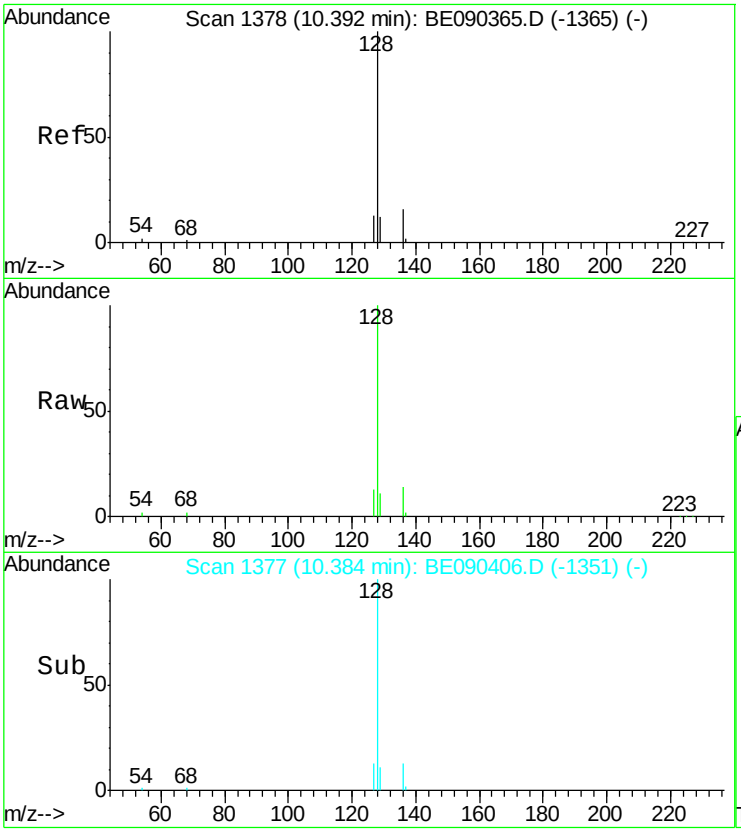


#8
Nitrobenzene
Concen: 0.99 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion: 77 Resp: 7000

Ion	Ratio	Lower	Upper
77	100		
123	31.8	25.1	37.7
65	12.9	9.3	13.9



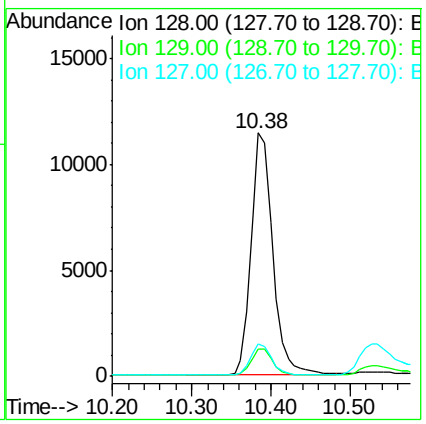


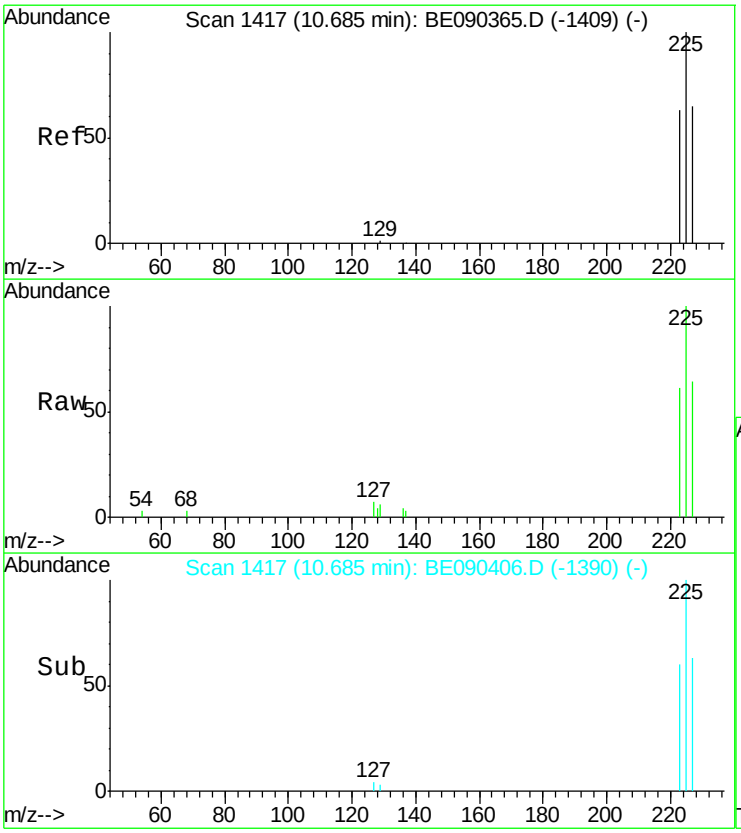
#9
Naphthalene
Concen: 1.01 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 21899

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.2	10.6	16.0

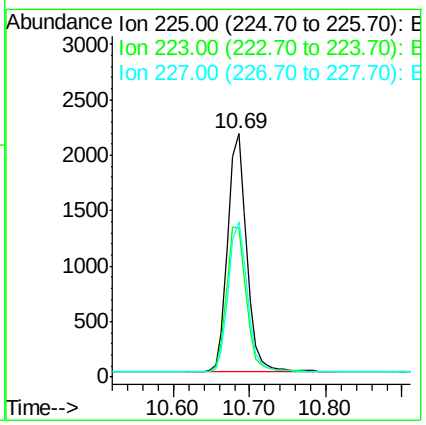


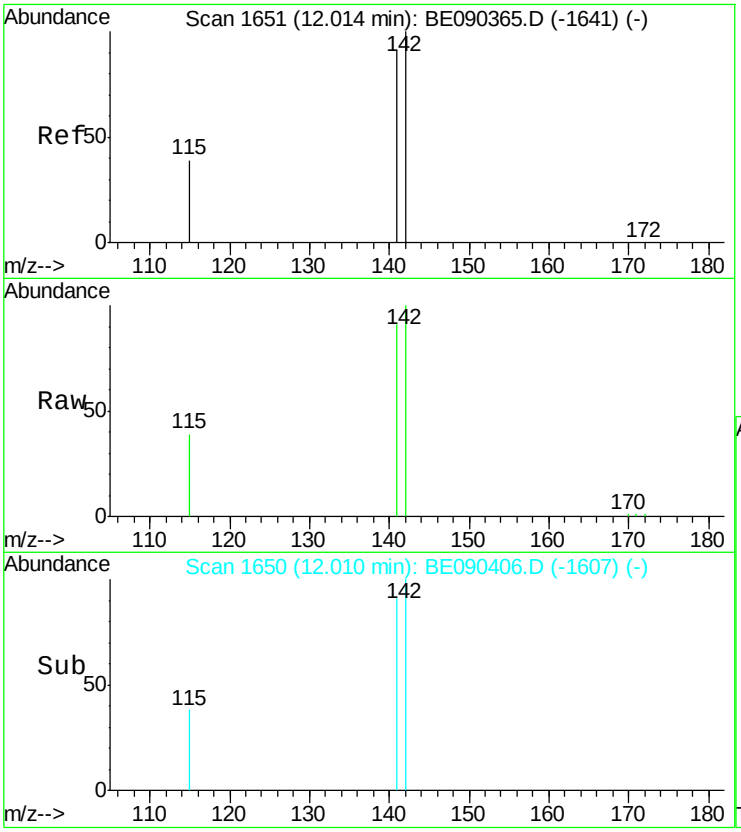


#10
Hexachlorobutadiene
Concen: 1.09 ng
RT: 10.69 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:225 Resp: 3765

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	75.8
227	63.3	50.7	76.1



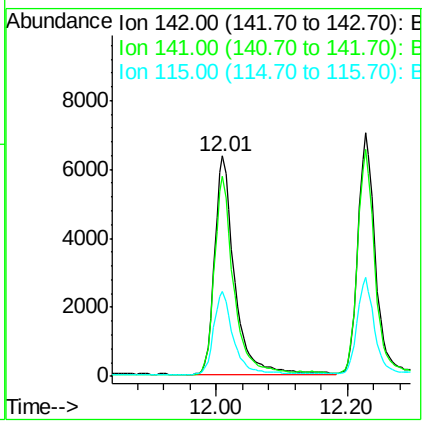


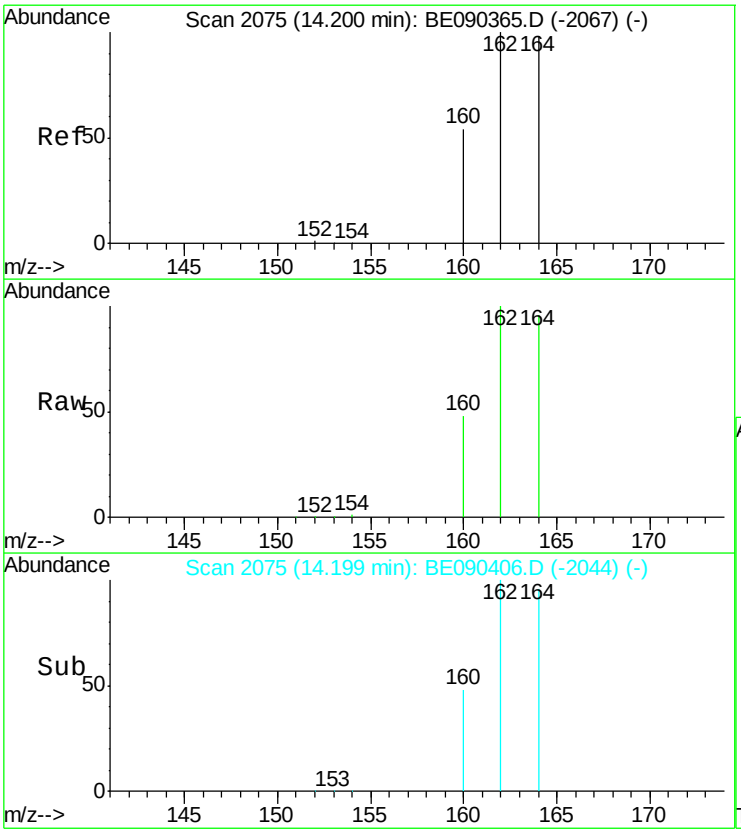
#11
2-Methylnaphthalene
Concen: 1.06 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 13347

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	109.0
115	38.5	31.6	47.4

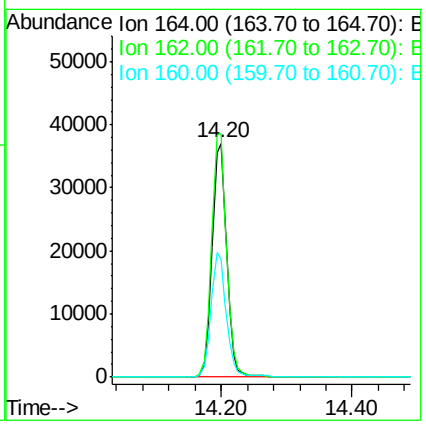


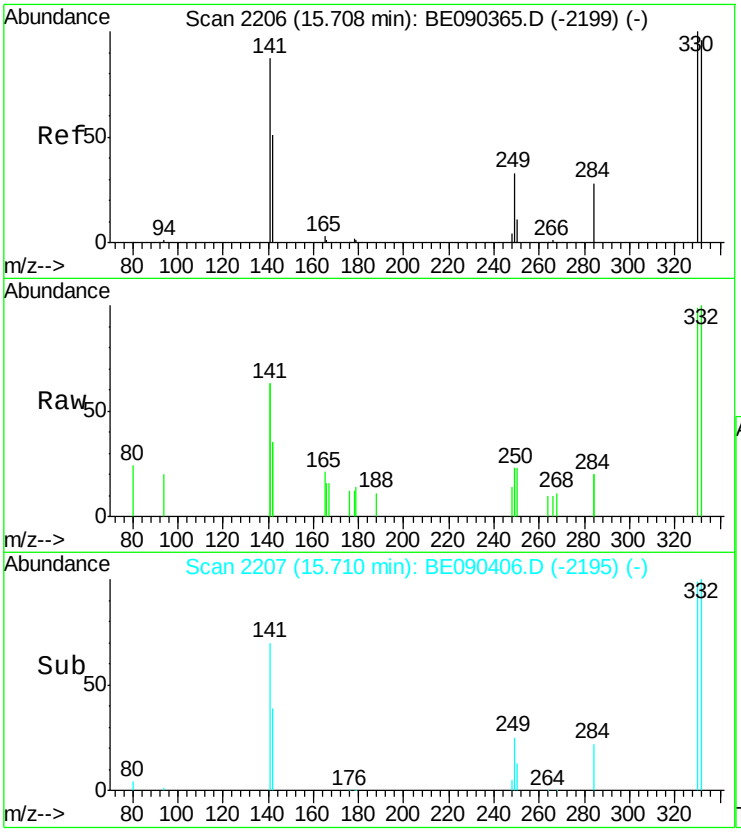


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:164 Resp: 57185

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.8	122.8
160	50.4	44.2	66.4



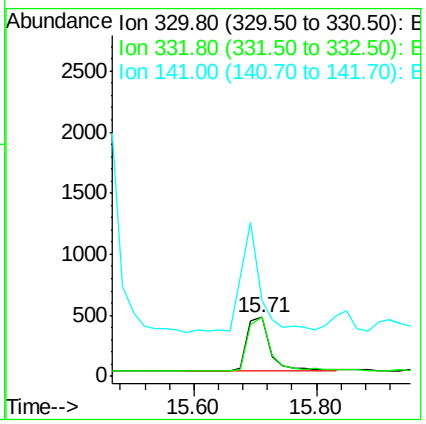


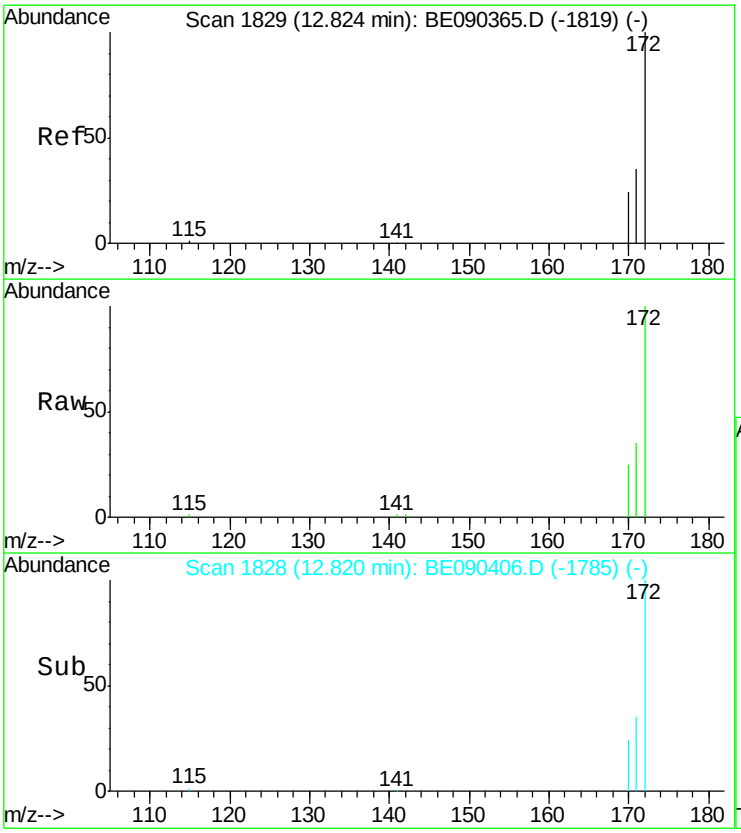
#13
2,4,6-Tribromophenol
Concen: 1.20 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 1167

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.8	113.6
141	171.0	114.4	171.6

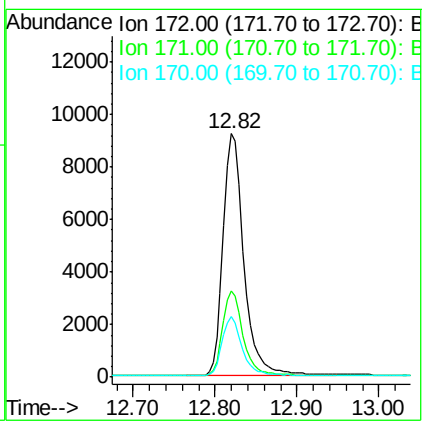


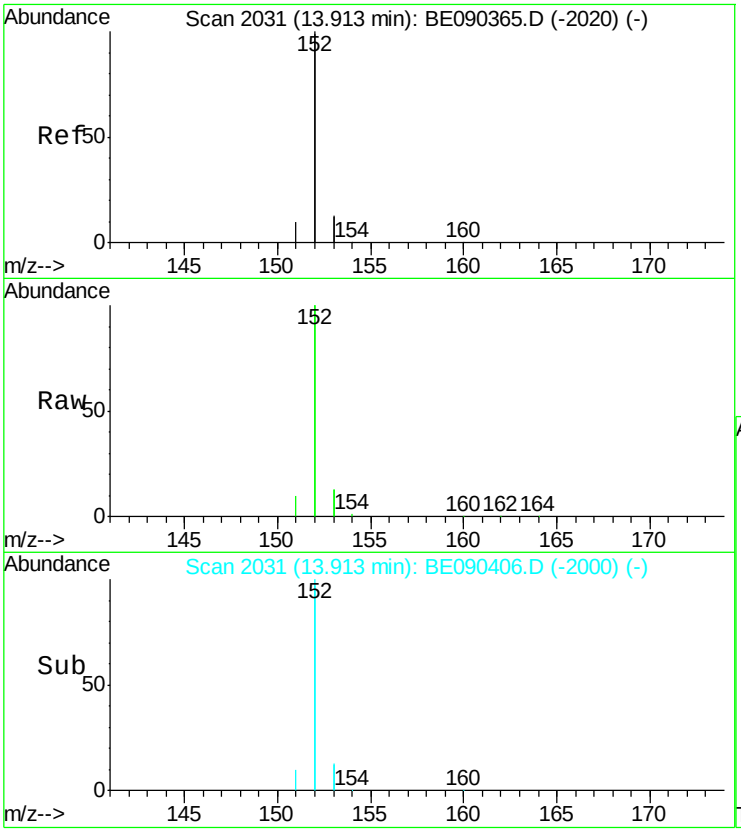


#14
2-Fluorobiphenyl
Concen: 1.04 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:172 Resp: 16330

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.6	19.8	29.8



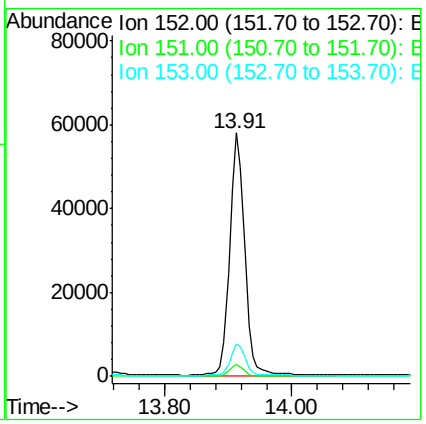


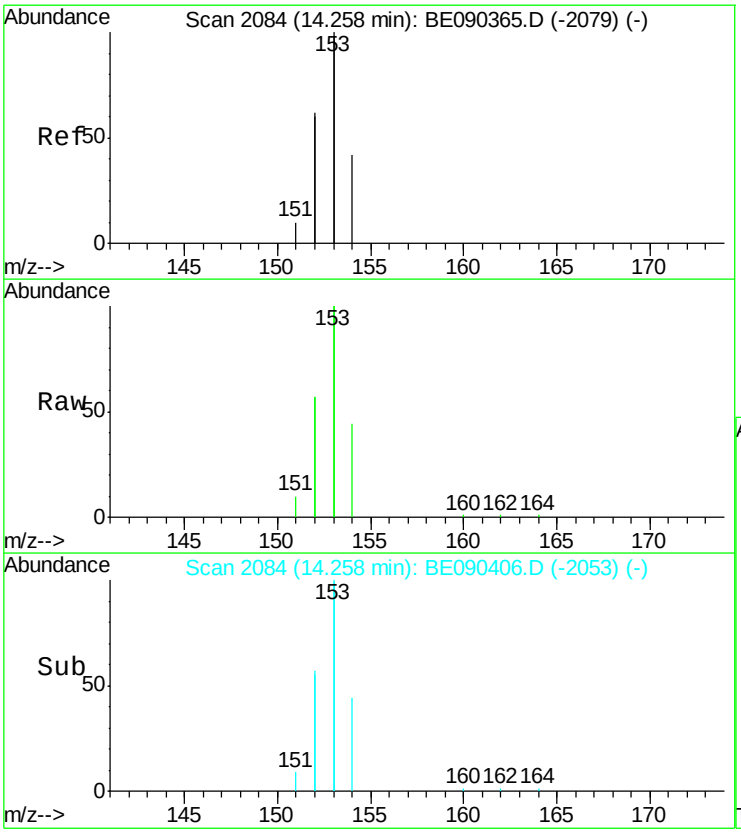
#15
Acenaphthylene
Concen: 1.02 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 94920

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	12.9	10.3	15.5

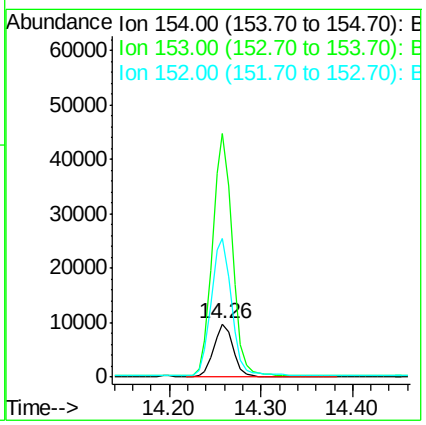


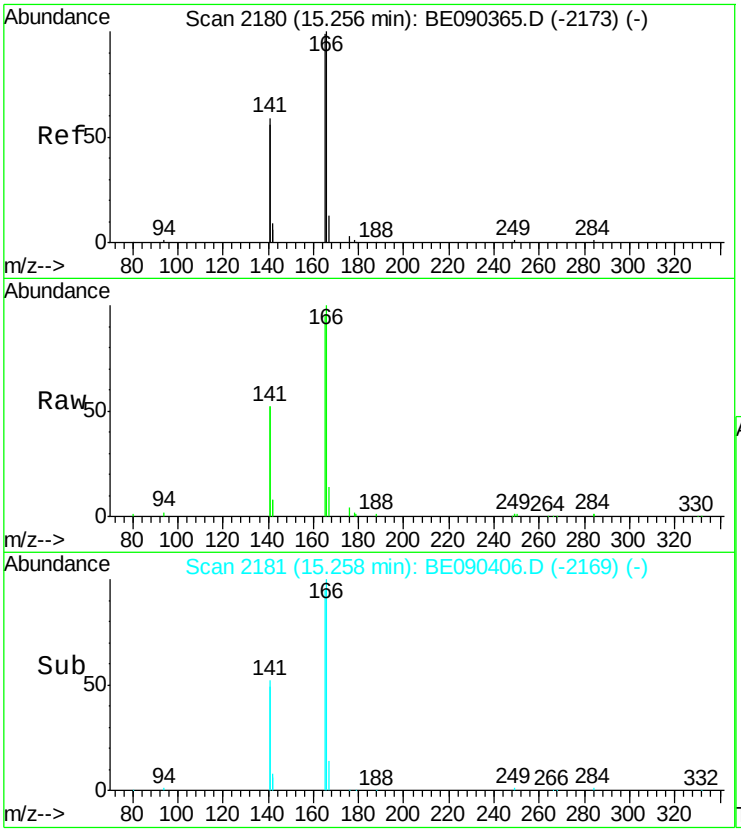


#16
Acenaphthene
Concen: 1.00 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:154 Resp: 14371

Ion	Ratio	Lower	Upper
154	100		
153	464.2	376.2	564.2
152	271.7	235.0	352.4



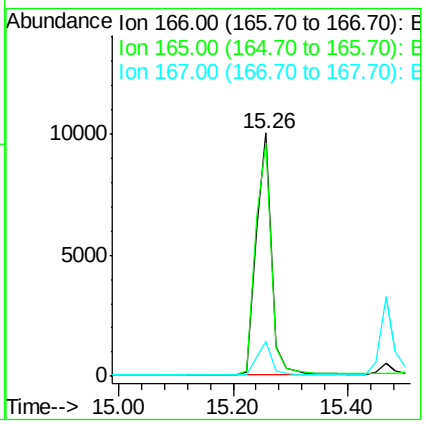


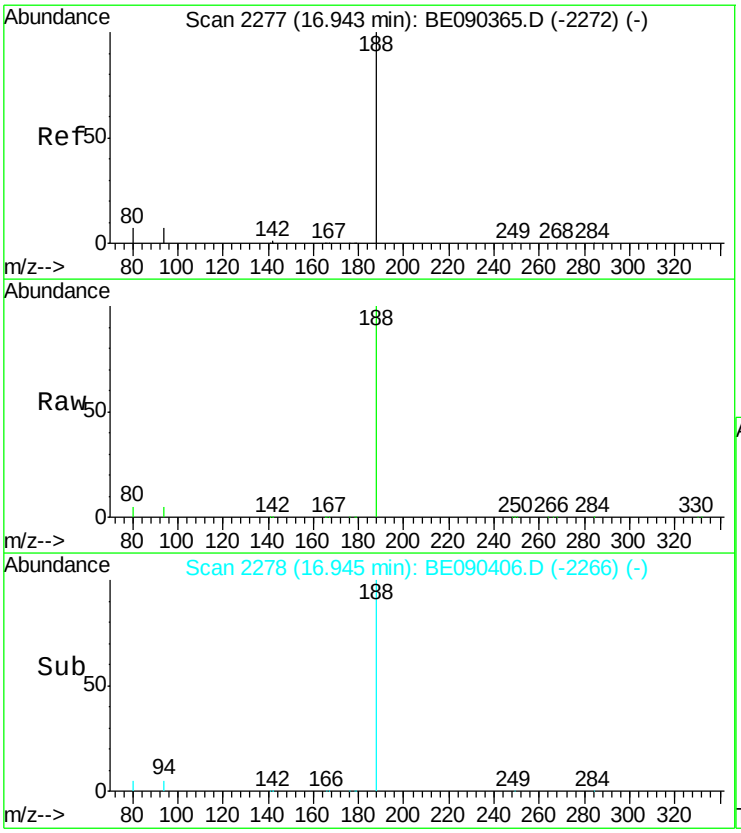
#17
Fluorene
Concen: 1.01 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 18818

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.5	122.3
167	13.8	11.4	17.0

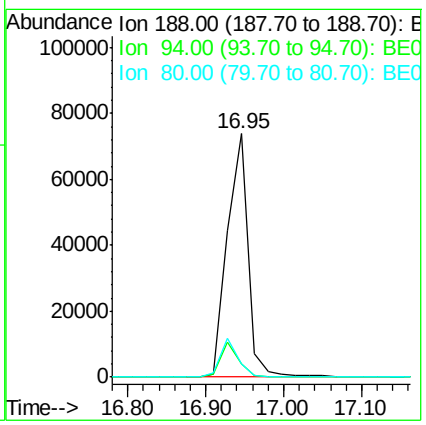


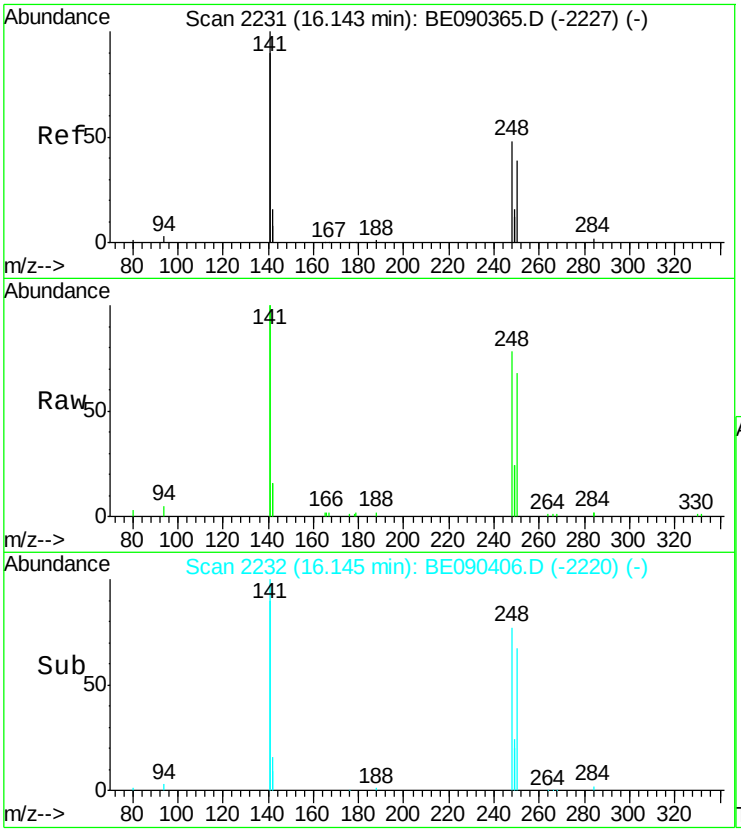


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:188 Resp: 135858

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.7	8.5#
80	5.5	5.8	8.8#



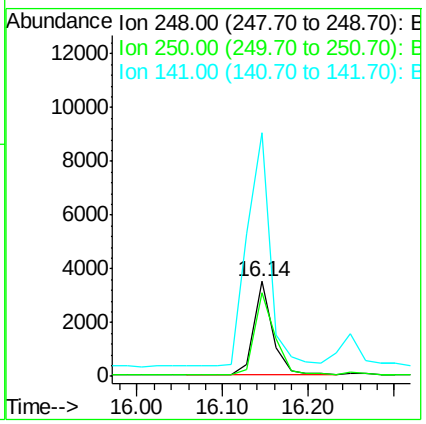


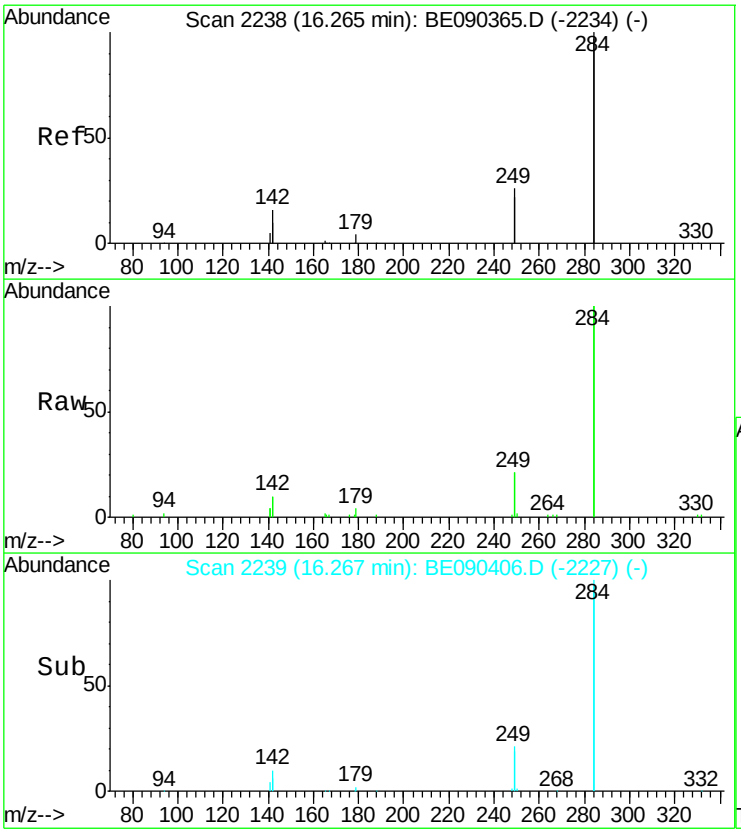
#19
4-Bromophenyl-phenylether
Concen: 1.03 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 5428

Ion	Ratio	Lower	Upper
248	100		
250	94.2	79.0	118.6
141	300.1	239.5	359.3

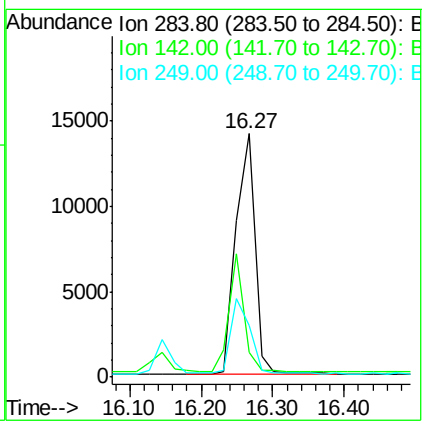


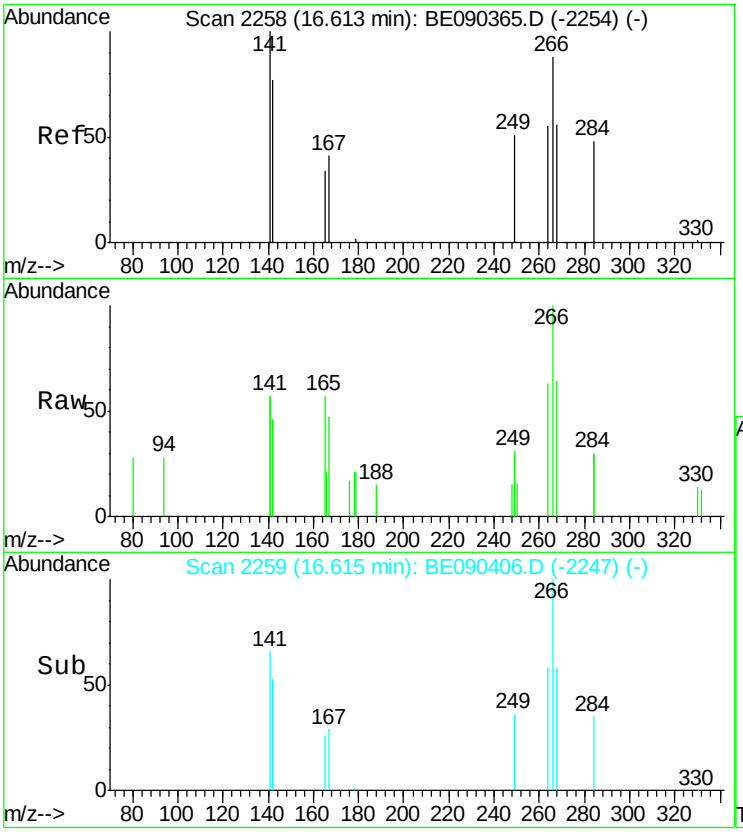


#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:284 Resp: 25618

Ion	Ratio	Lower	Upper
284	100		
142	39.2	30.1	45.1
249	31.3	25.7	38.5



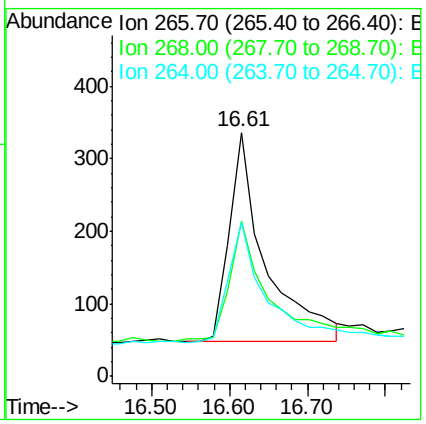


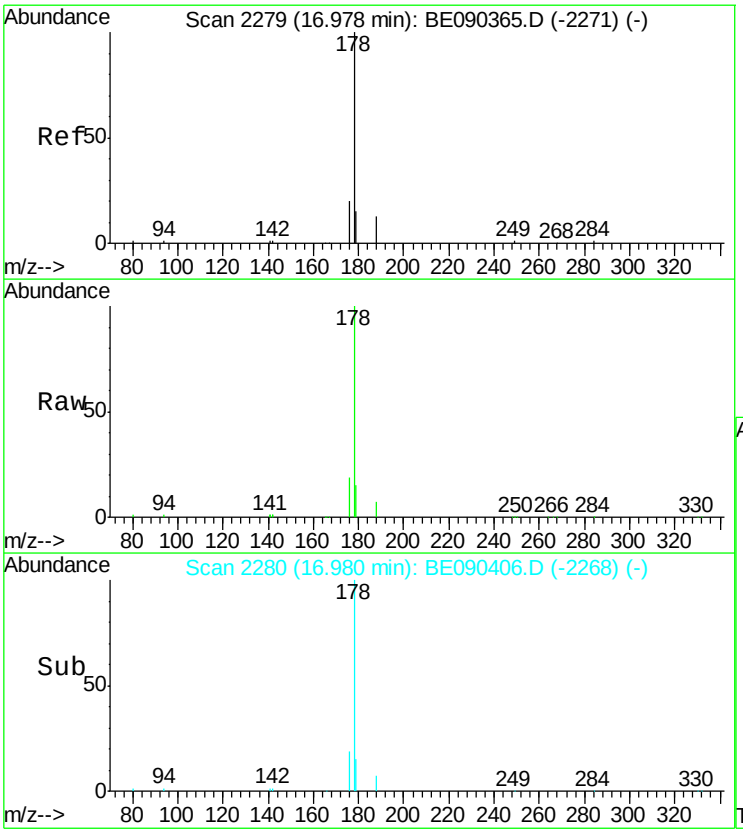
#21
Pentachlorophenol
Concen: 1.04 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 920

Ion	Ratio	Lower	Upper
266	100		
268	64.0	58.5	87.7
264	63.4	56.0	84.0

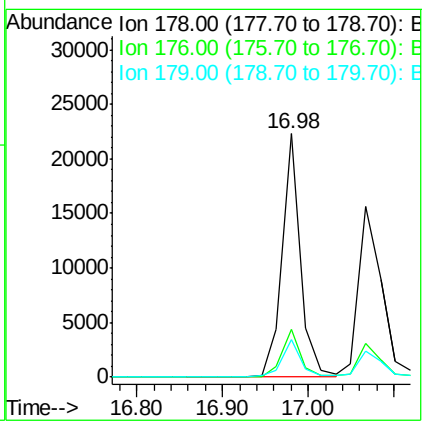


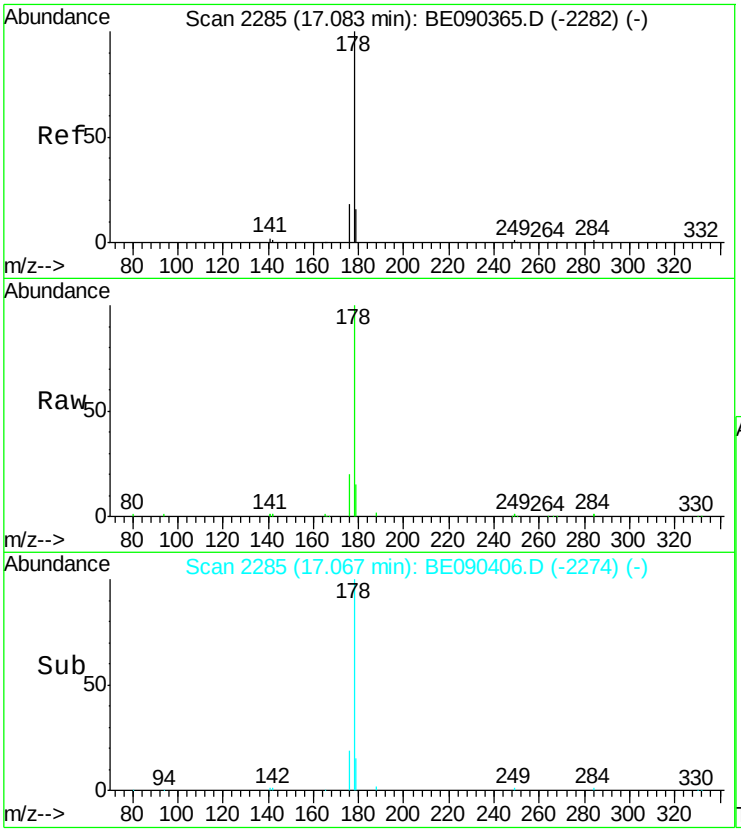


#22
Phenanthrene
Concen: 0.98 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:178 Resp: 33410

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.5	18.7



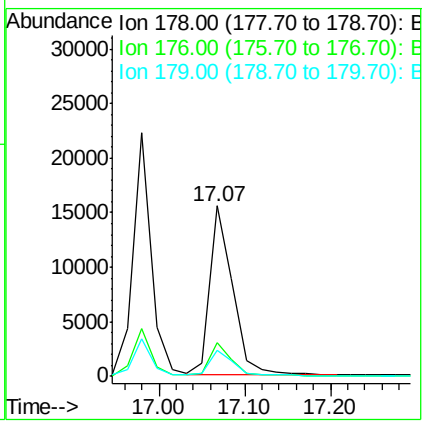


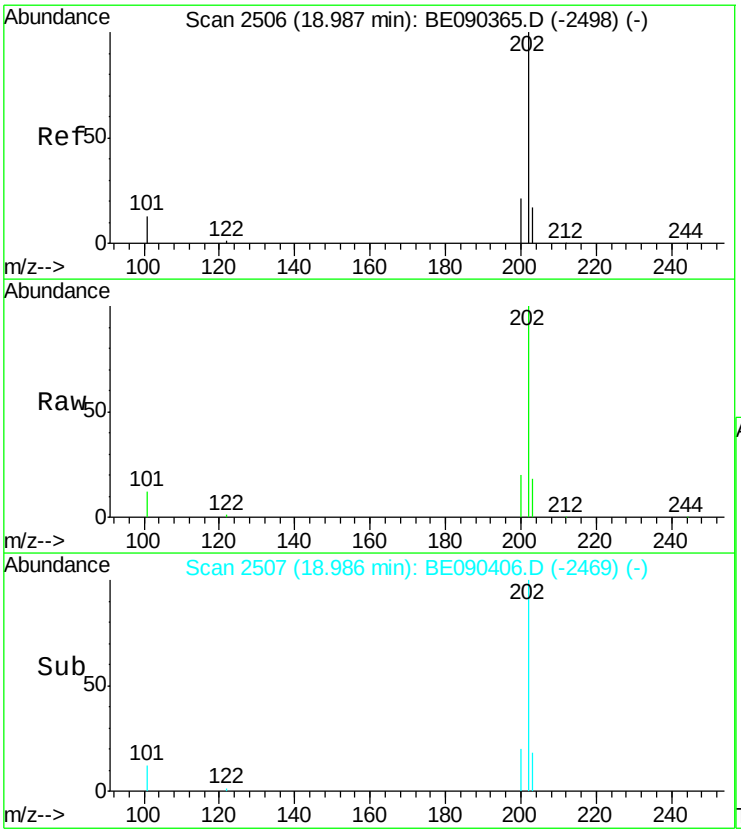
#23
Anthracene
Concen: 1.04 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 29072

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	12.2	18.4

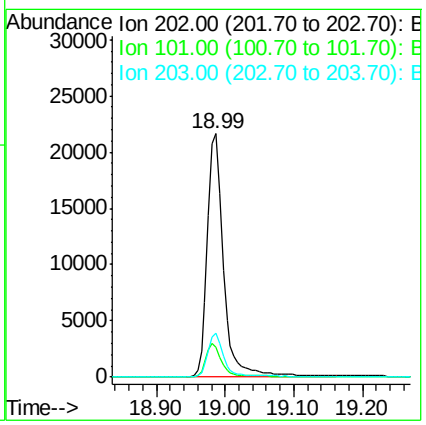


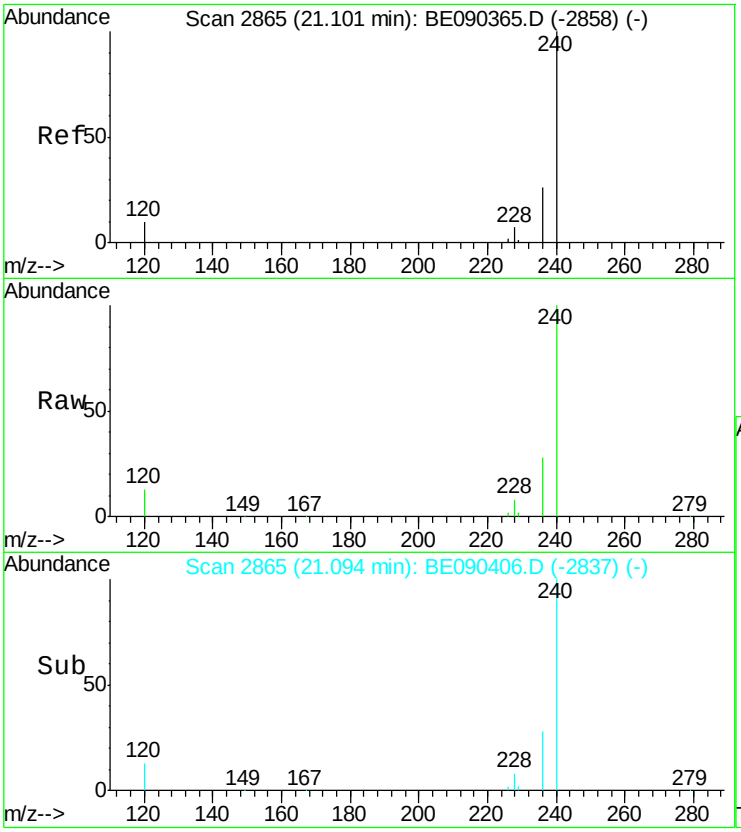


#24
Fluoranthene
Concen: 1.05 ng
RT: 18.99 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:202 Resp: 34971

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.3	15.5
203	17.3	13.7	20.5



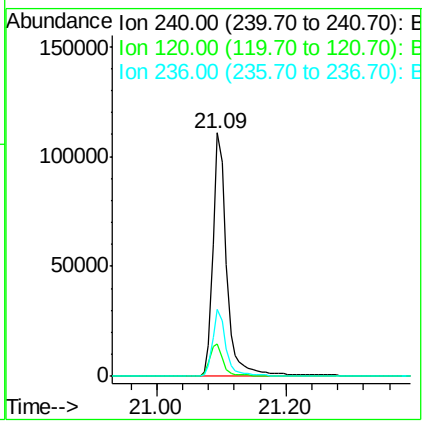


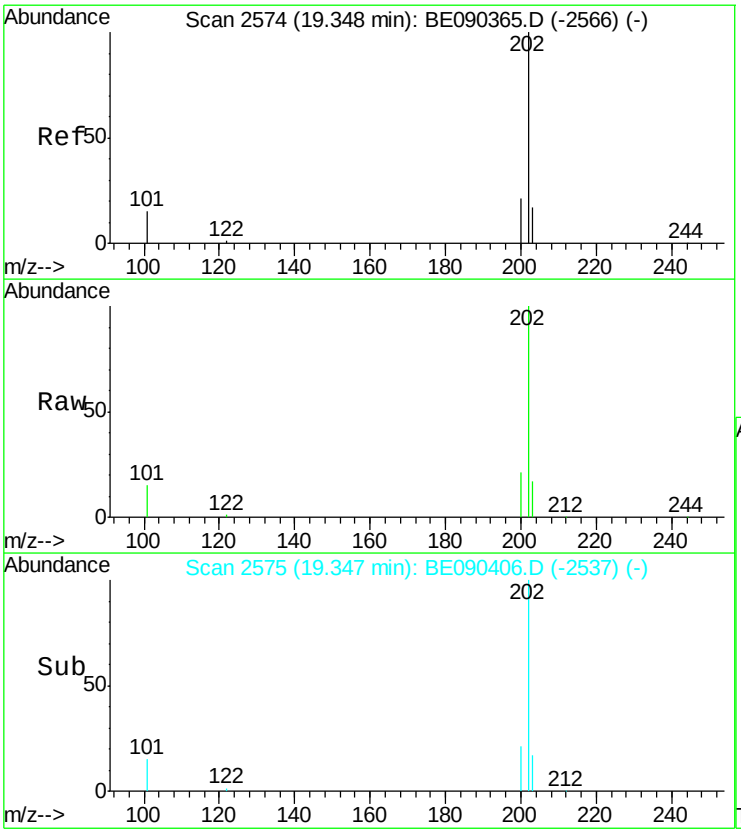
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 162568

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	27.6	21.0	31.4

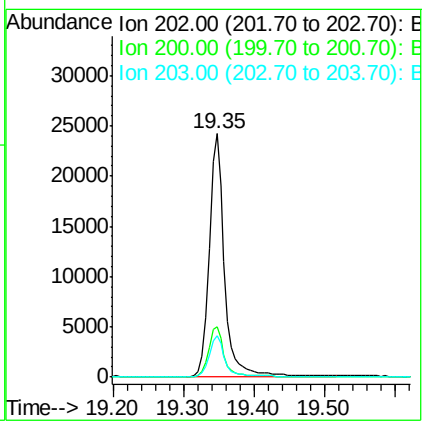


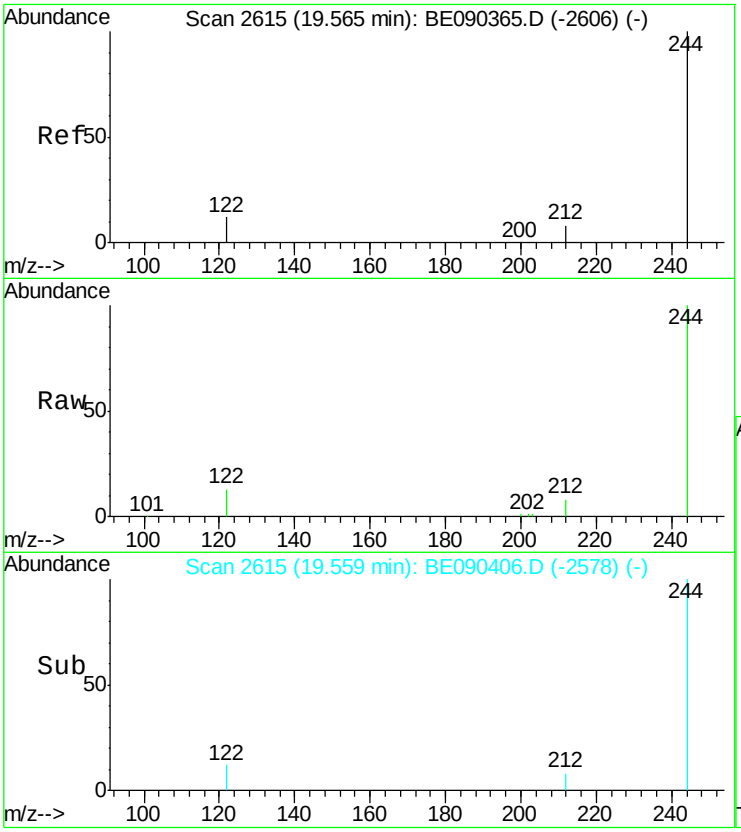


#26
Pyrene
Concen: 1.03 ng
RT: 19.35 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:202 Resp: 36298

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.3	13.8	20.8



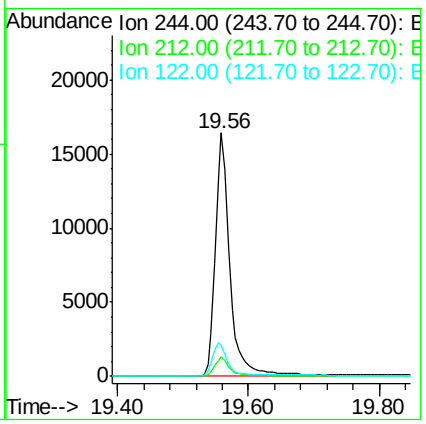


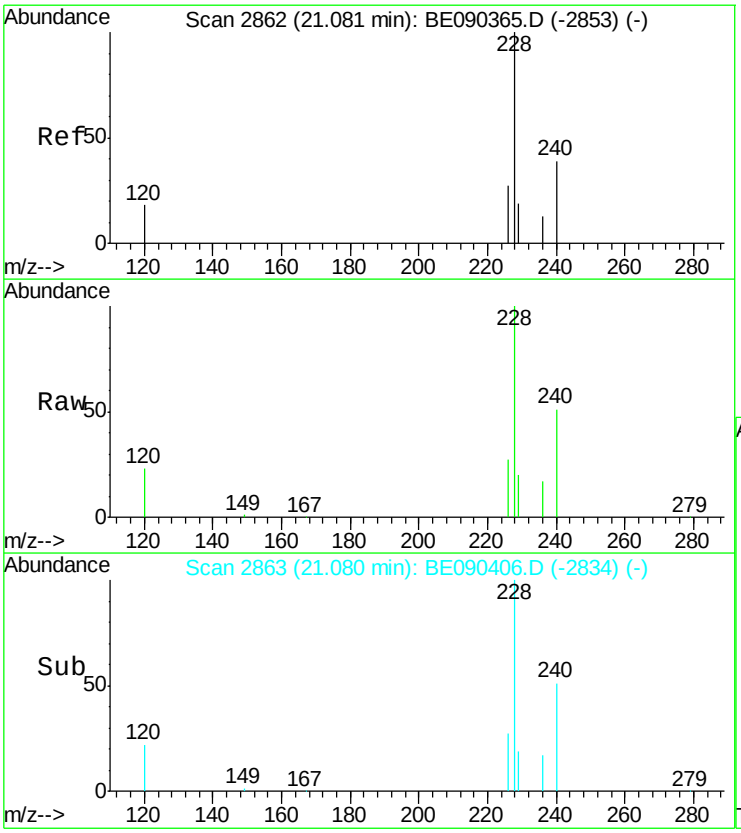
#27
Terphenyl-d14
Concen: 1.05 ng
RT: 19.56 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 25068

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	12.9	10.2	15.4

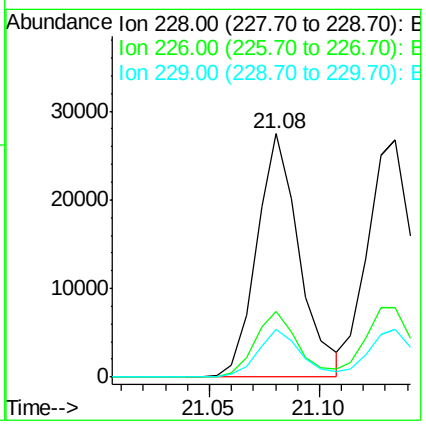


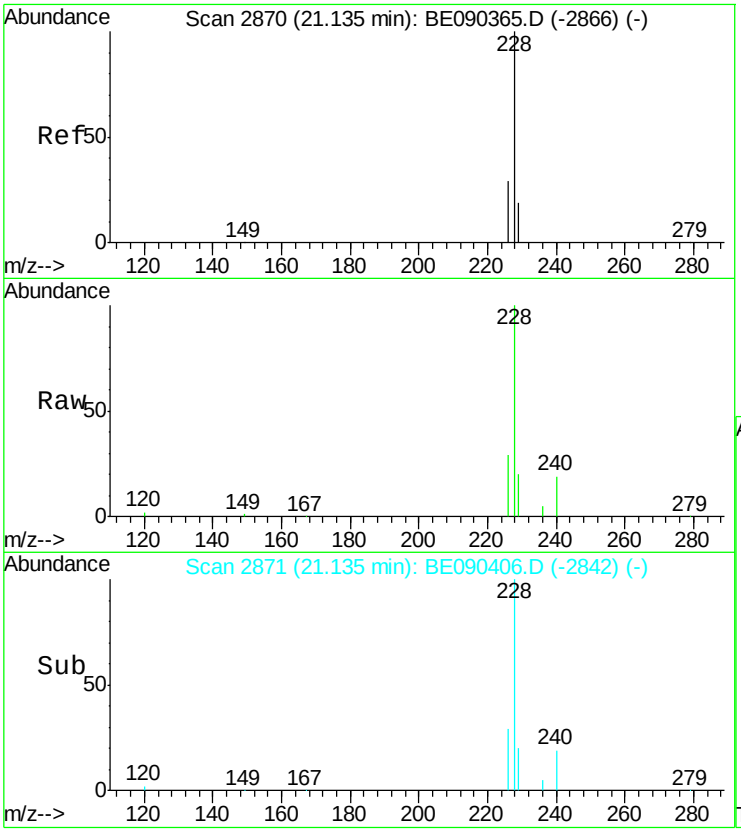


#28
Benzo(a)anthracene
Concen: 1.03 ng
RT: 21.08 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:228 Resp: 36998

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.6	15.4	23.0



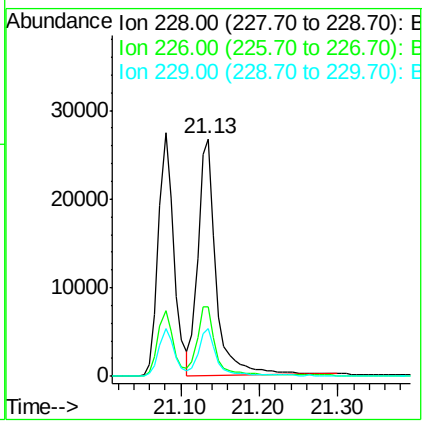


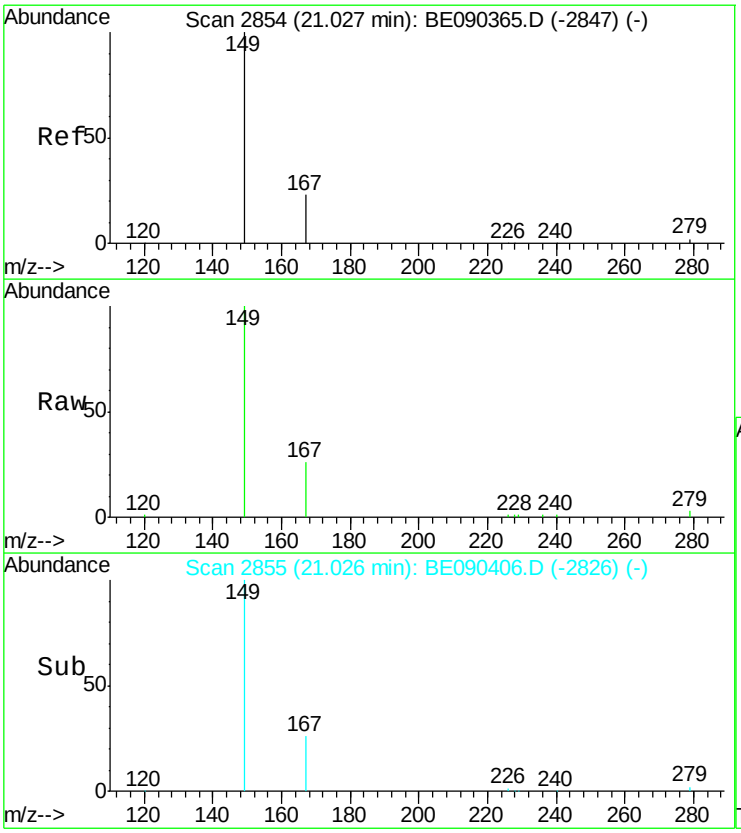
#29
Chrysene
Concen: 0.99 ng
RT: 21.13 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 42897

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	20.0	15.8	23.8

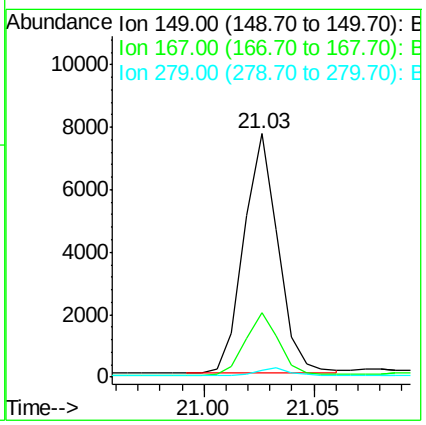


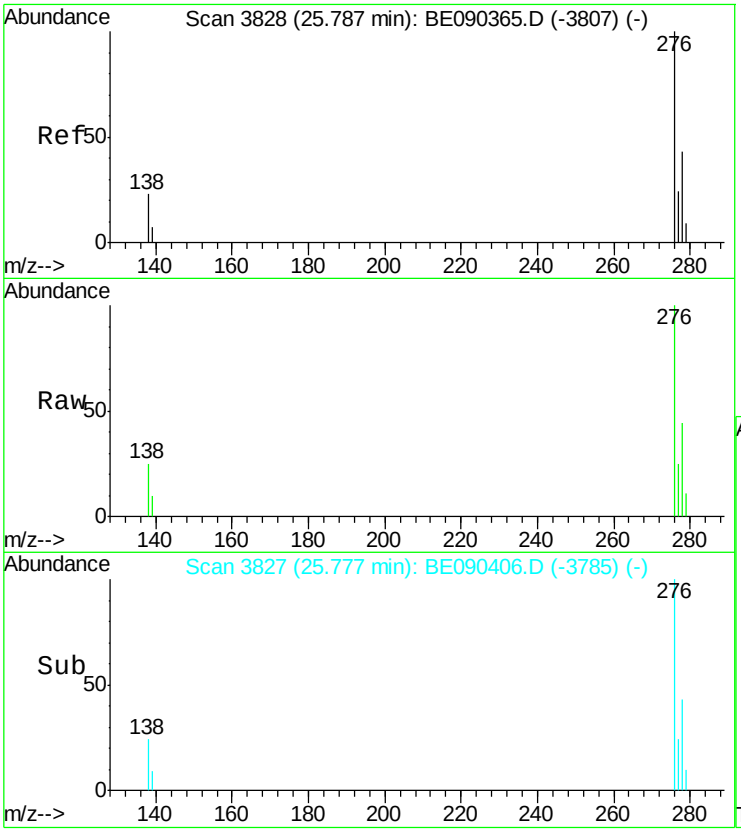


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.00 ng
RT: 21.03 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:149 Resp: 8242

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.1	2.4	3.6



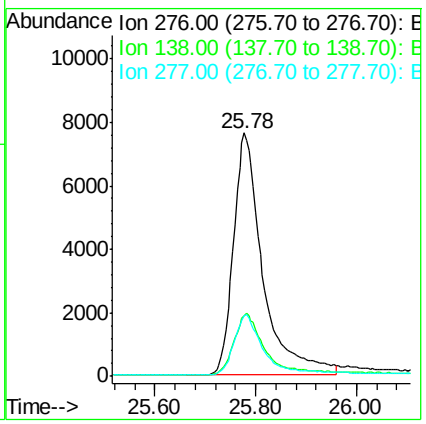


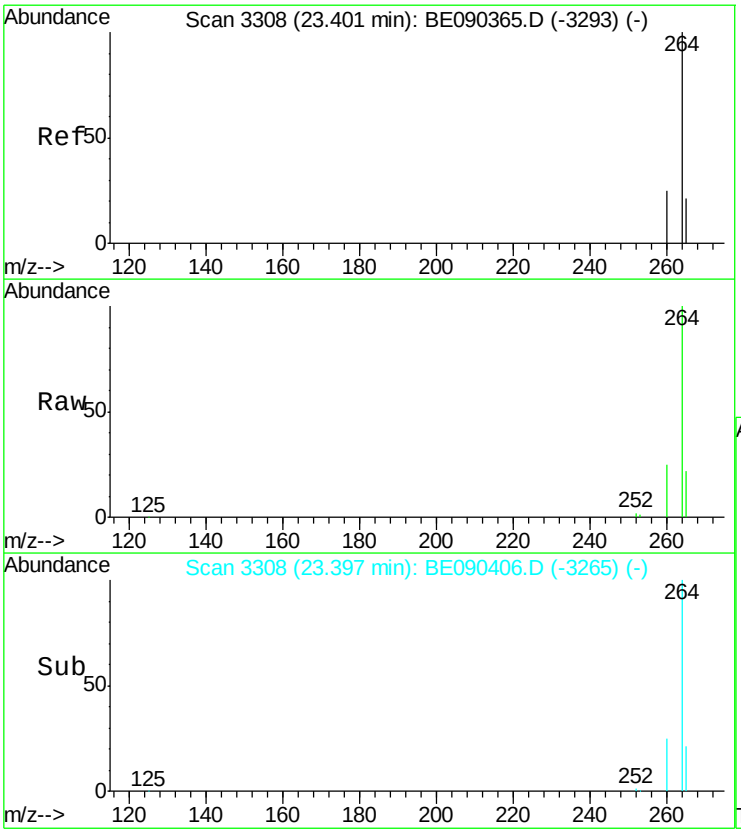
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 30987

Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.8	28.2
277	24.9	18.2	27.4

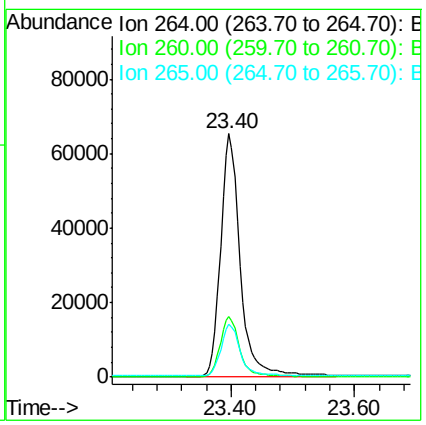


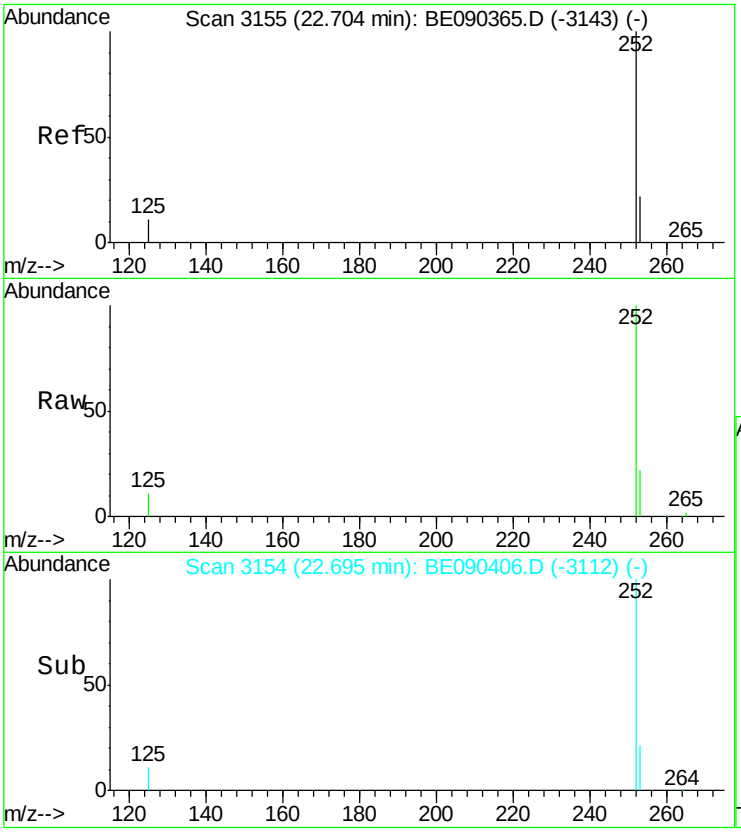


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:264 Resp: 145309

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.8	17.2	25.8



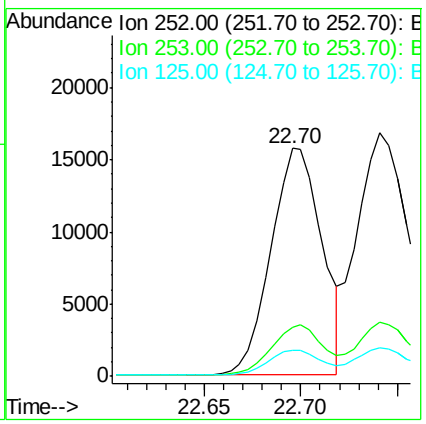


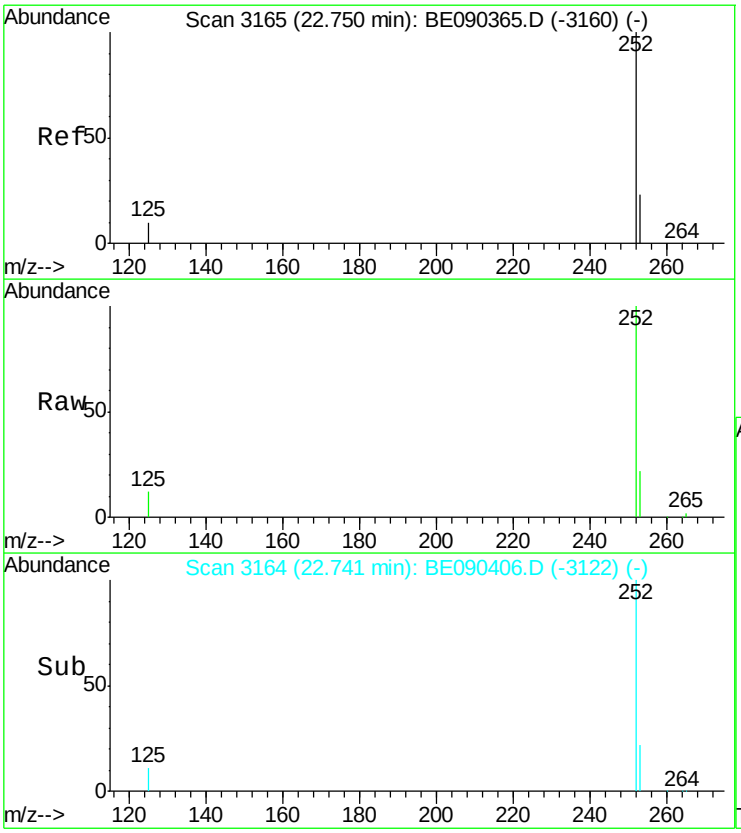
#33
Benzo(b)fluoranthene
Concen: 1.04 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 28939

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.4	9.4	14.2

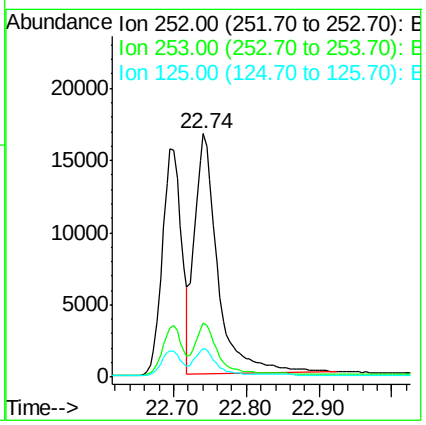


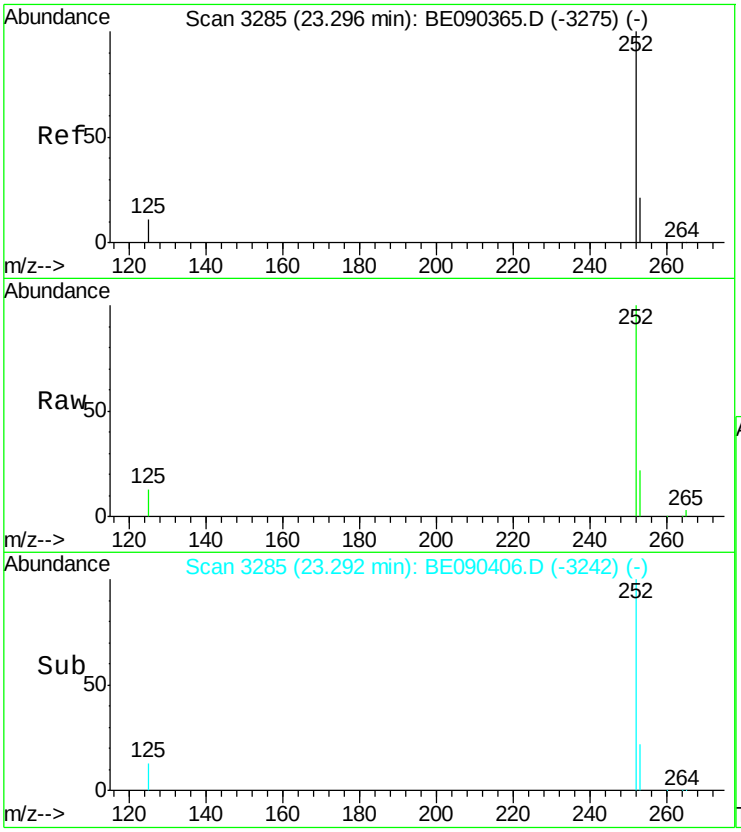


#34
Benzo(k)fluoranthene
Concen: 0.91 ng
RT: 22.74 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:252 Resp: 36822

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.6	9.1	13.7



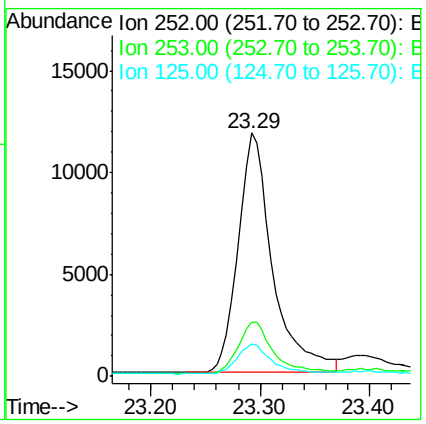


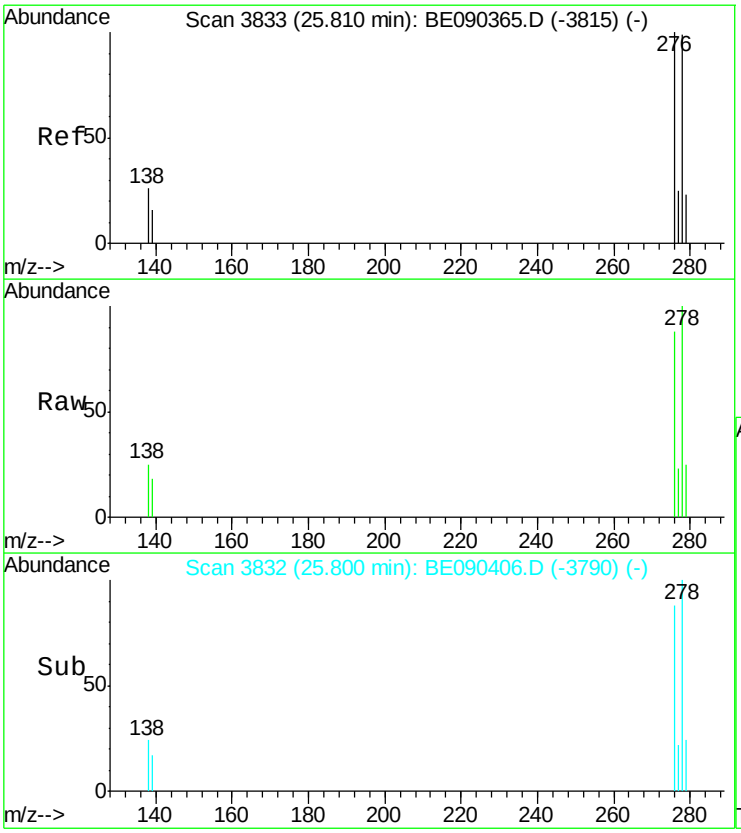
#35
Benzo(a)pyrene
Concen: 1.02 ng
RT: 23.29 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 25873

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	13.3	9.8	14.6

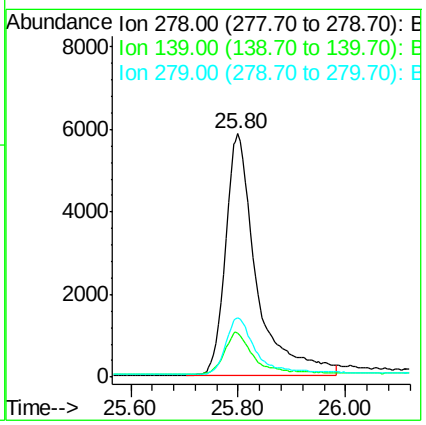


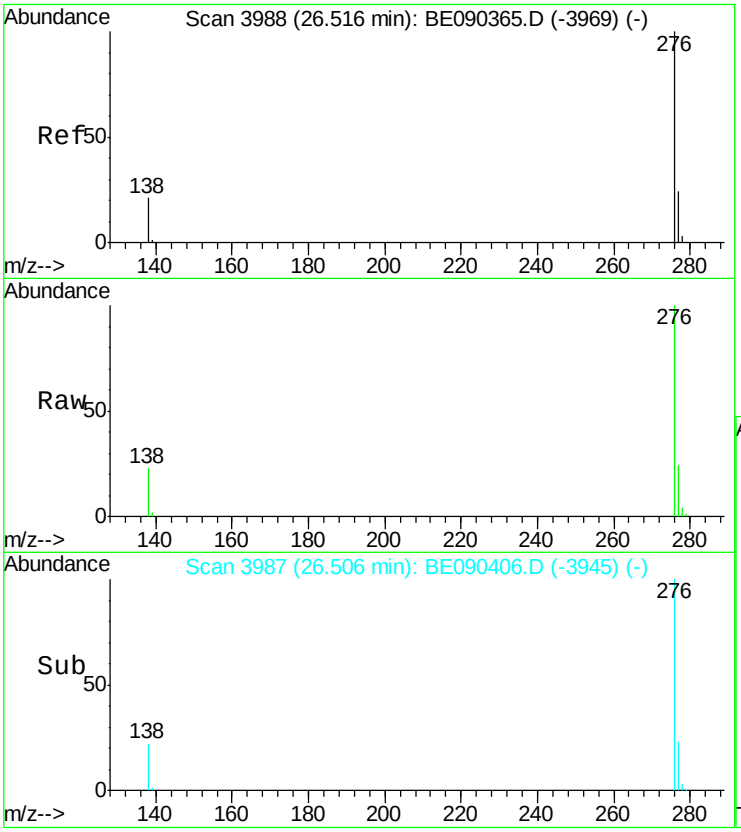


#36
Dibenzo(a,h)anthracene
Concen: 1.01 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Tgt Ion:278 Resp: 23410

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.2	21.4
279	24.6	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.04 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.01 min
Lab File: BE090406.D
Acq: 10 Aug 2015 12:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 27835

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	23.4	18.1	27.1