Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
Data File : BE090874.D
Acq On : 17 Sep 2015 20:56
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Sep 18 00:46:46 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32565	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	159982	5.00	ng		0.00
12) Acenaphthene-d10	14.16	164	85364	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	205060	5.00	ng		0.00
25) Chrysene-d12	21.07	240	233290	5.00	ng		0.00
32) Perylene-d12	23.35	264	201213	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2577	0.42	ng		0.00
5) Phenol-d6	6.76	99	8501	0.94	ng		0.01
7) Nitrobenzene-d5	8.70	82	9355	0.88	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	1750	0.84	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	21345	0.90	ng		0.00
27) Terphenyl-d14	19.53	244	25517	0.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	4634	0.95	ng		98
3) n-Nitrosodimethylamine	3.46	42	5171	0.83	ng	#	94
8) Nitrobenzene	8.74	77	9975	0.86	ng		100
9) Naphthalene	10.35	128	33024	0.95	ng		99
10) Hexachlorobutadiene	10.64	225	4984	0.91	ng		99
11) 2-Methylnaphthalene	11.98	142	19103	1.01	ng		100
15) Acenaphthylene	13.88	152	129271	0.95	ng		100
16) Acenaphthene	14.23	154	21954	0.96	ng		93
17) Fluorene	15.22	166	25969	0.91	ng		97
19) 4-Bromophenyl-phenylether	16.13	248	6541	0.94	ng		95
20) Hexachlorobenzene	16.23	284	36133	0.98	ng		96
21) Pentachlorophenol	16.61	266	1171	0.85	ng	#	90
22) Phenanthrene	16.94	178	48950	0.96	ng		100
23) Anthracene	17.05	178	39335	0.93	ng		99
24) Fluoranthene	18.96	202	47140	0.88	ng		99
26) Pyrene	19.32	202	48916	1.01	ng		99
28) Benzo(a)anthracene	21.05	228	49859	0.96	ng		99
29) Chrysene	21.10	228	57040	1.00	ng		99
30) Bis(2-ethylhexyl)phthalate	21.00	149	10770	0.83	ng		100
31) Indeno(1,2,3-cd)pyrene	25.72	276	46666	0.85	ng		99
33) Benzo(b)fluoranthene	22.66	252	40999	0.94	ng		99
34) Benzo(k)fluoranthene	22.71	252	48134	0.95	ng		99
35) Benzo(a)pyrene	23.25	252	35952	0.92	ng		100
36) Dibenzo(a,h)anthracene	25.74	278	36508	0.88	ng		98
37) Benzo(g,h,i)perylene	26.44	276	39669	0.88	ng		98

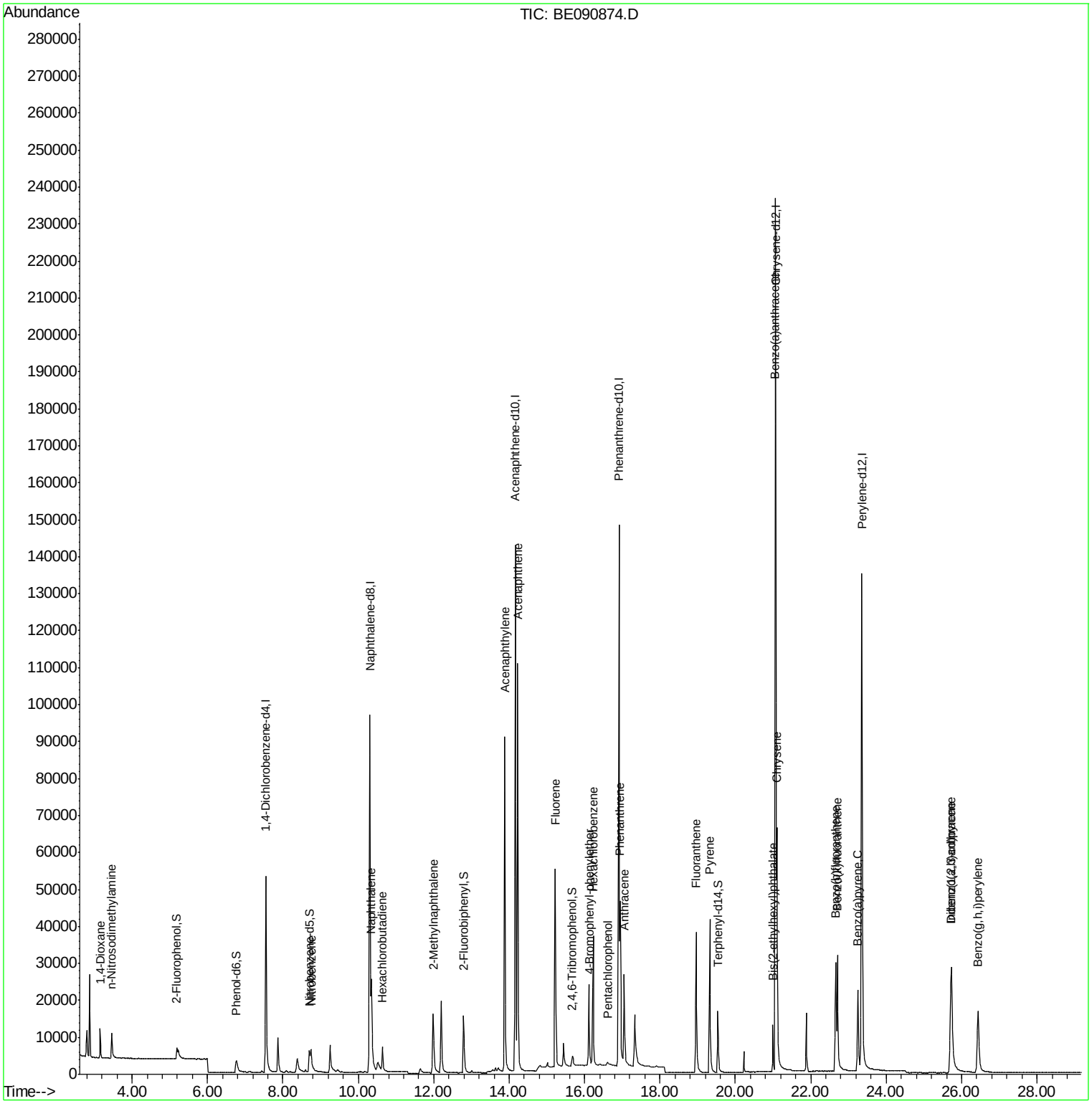
(#) = qualifier out of range (m) = manual integration (+) = signals summed

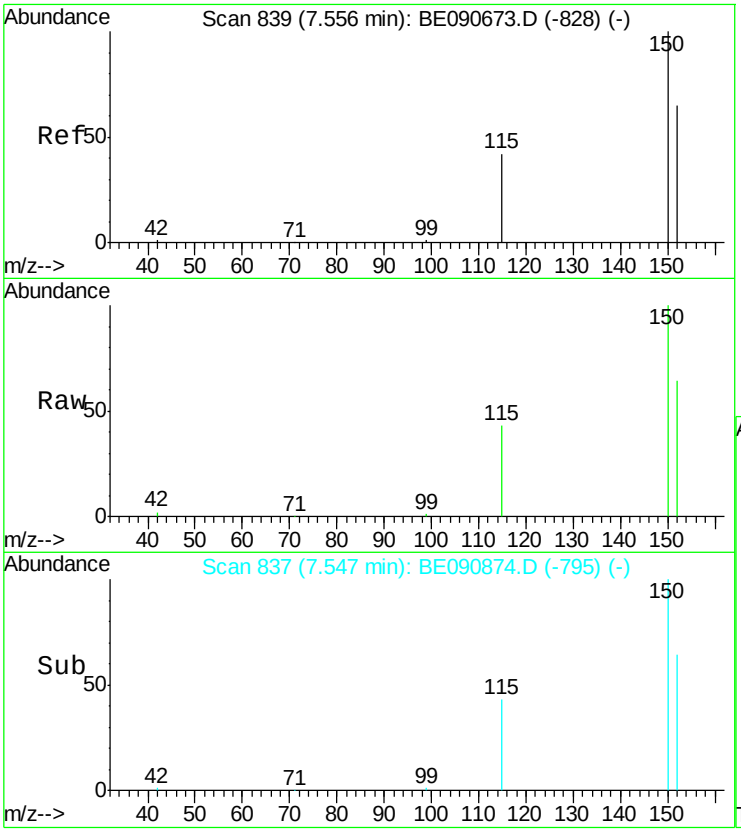
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
Data File : BE090874.D
Acq On : 17 Sep 2015 20:56
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Sep 18 00:46:46 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



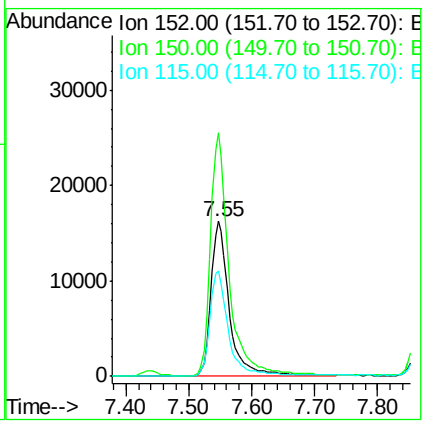


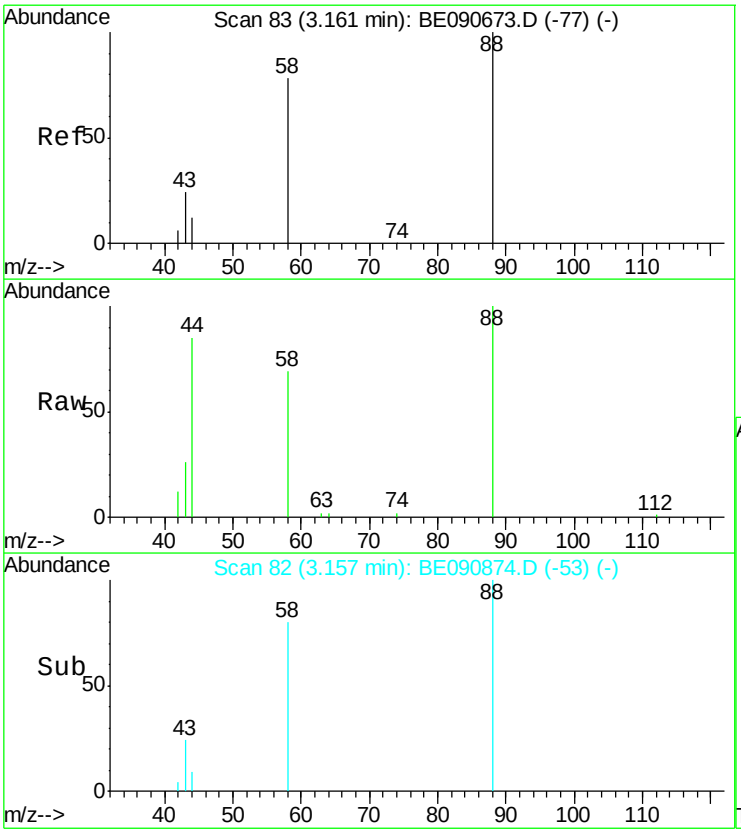
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 32565

Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.2	183.4
115	68.0	51.0	76.4

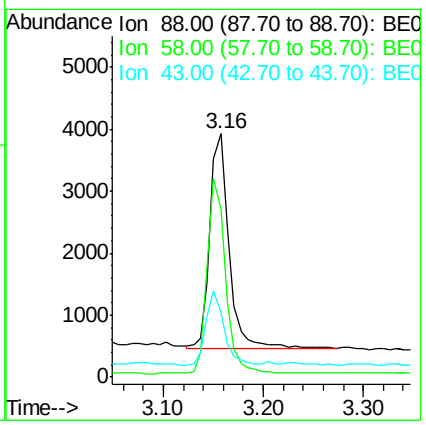


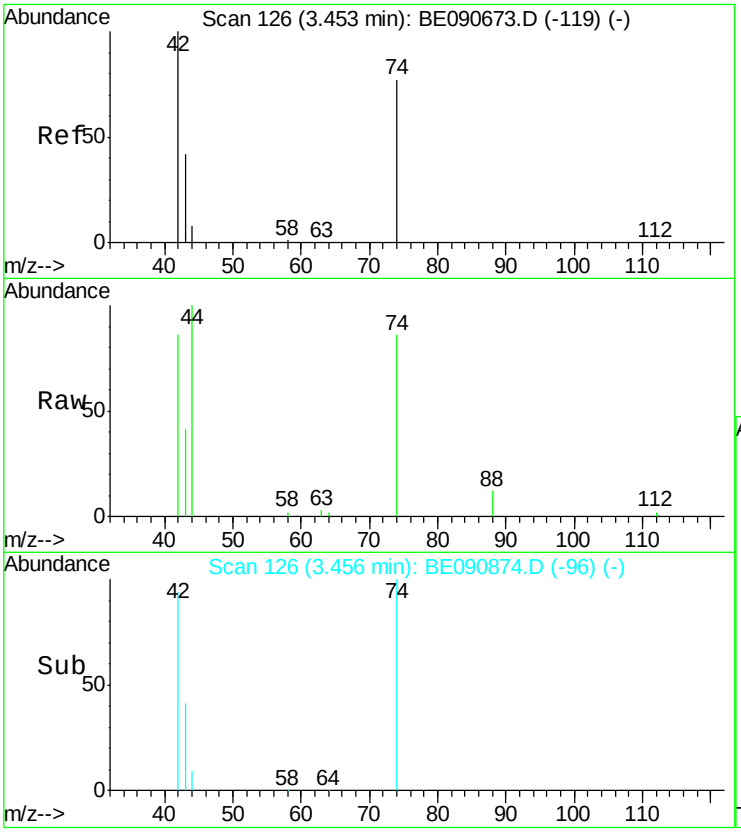


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.16 min Scan# 82
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion: 88 Resp: 4634

Ion	Ratio	Lower	Upper
88	100		
58	87.4	68.4	102.6
43	32.3	26.9	40.3



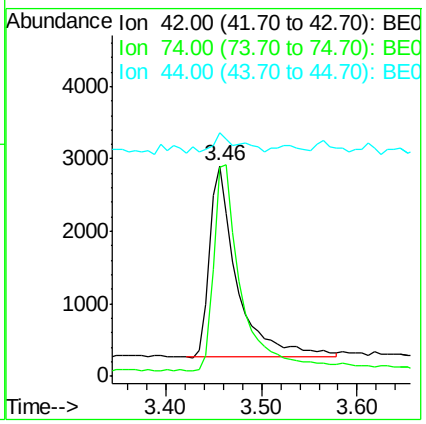


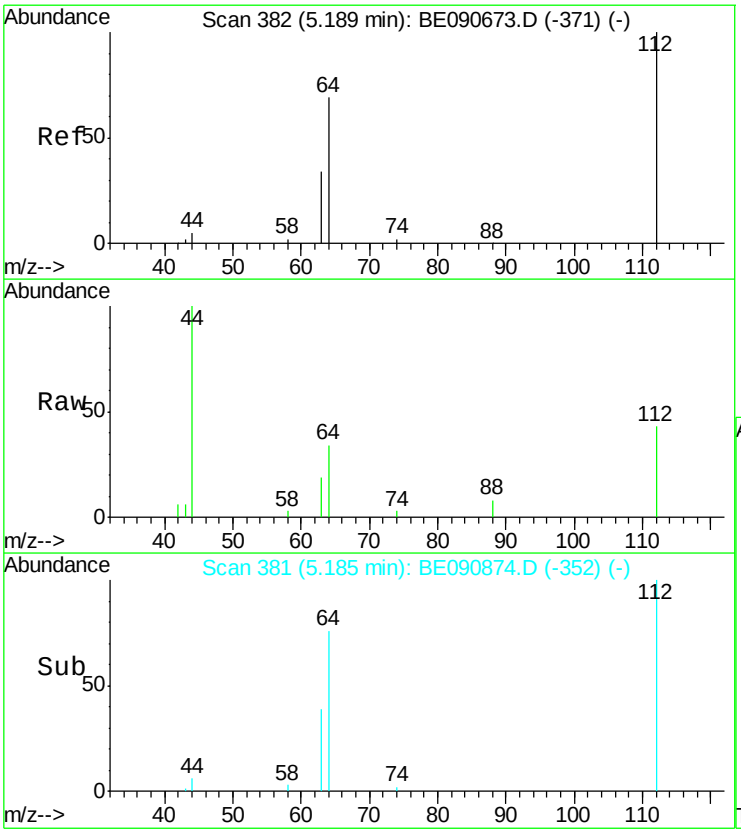
#3
n-Nitrosodimethylamine
Concen: 0.83 ng
RT: 3.46 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 5171

Ion	Ratio	Lower	Upper
42	100		
74	110.2	83.7	125.5
44	7.6	10.0	15.0#

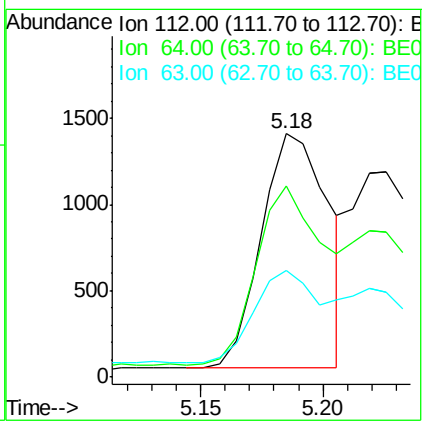


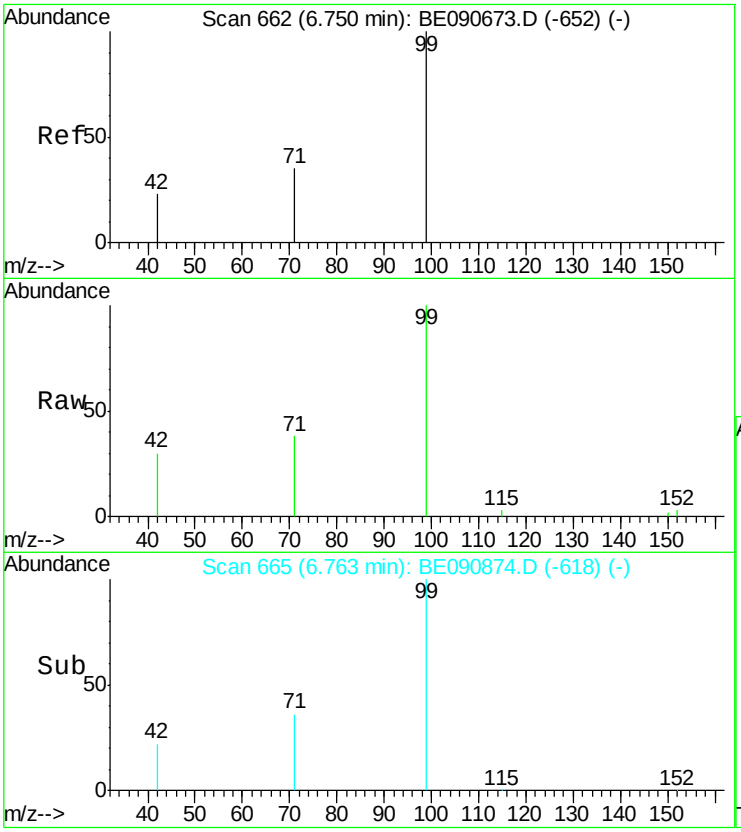


#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:112 Resp: 2577

Ion	Ratio	Lower	Upper
112	100		
64	77.0	57.3	85.9
63	40.8	29.2	43.8



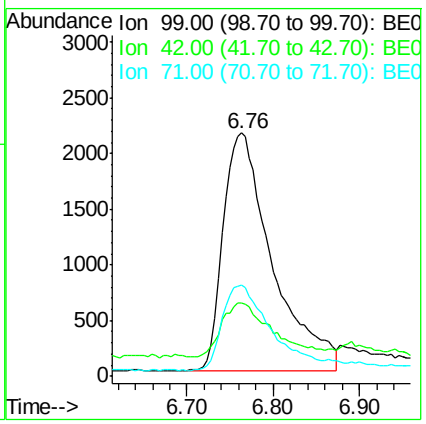


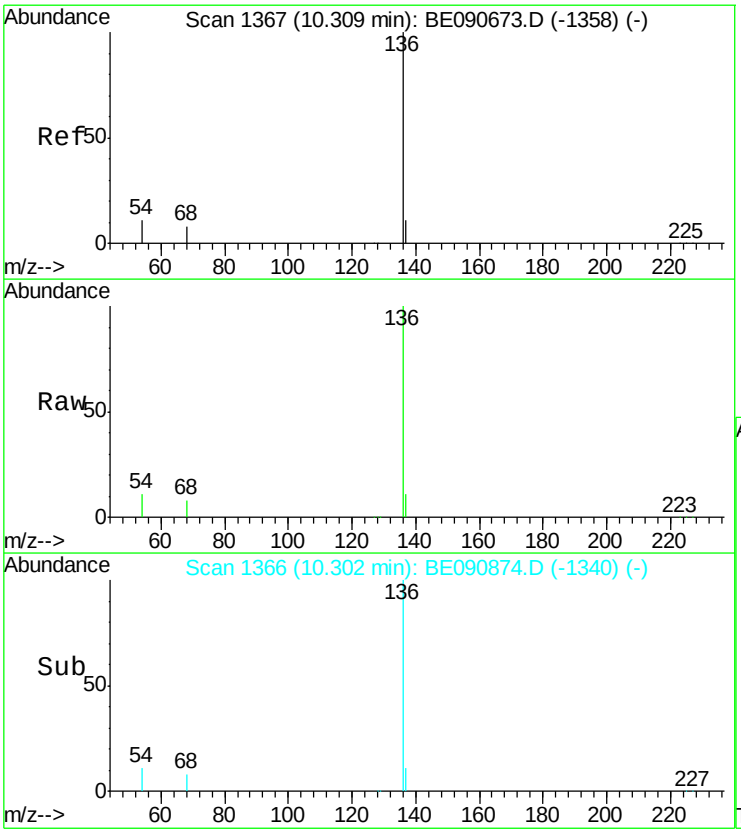
#5
Phenol-d6
Concen: 0.94 ng
RT: 6.76 min Scan# 665
Delta R.T. 0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 8501

Ion	Ratio	Lower	Upper
99	100		
42	23.1	16.8	25.2
71	35.6	28.3	42.5

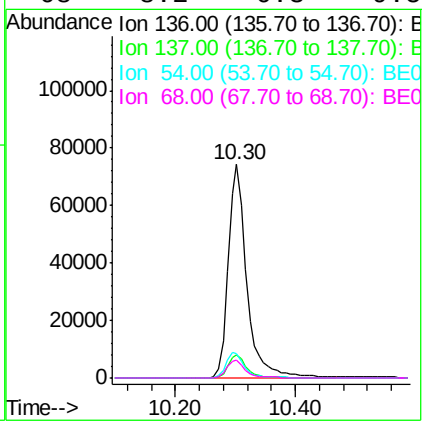


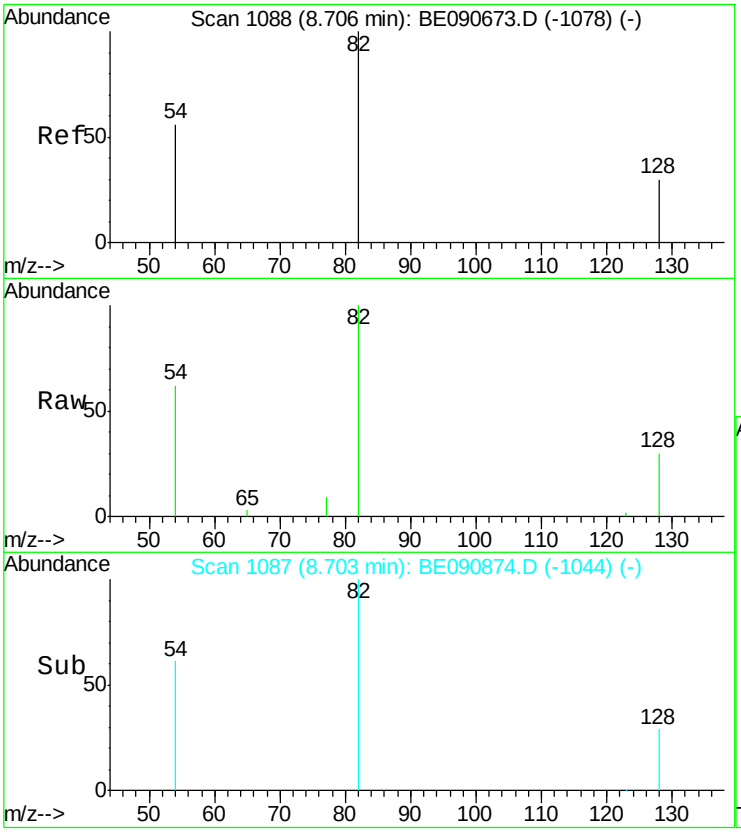


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:136 Resp: 159982

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.2	9.0	13.6
68	8.2	6.3	9.5



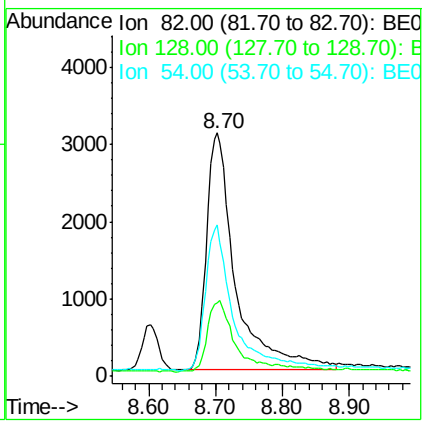


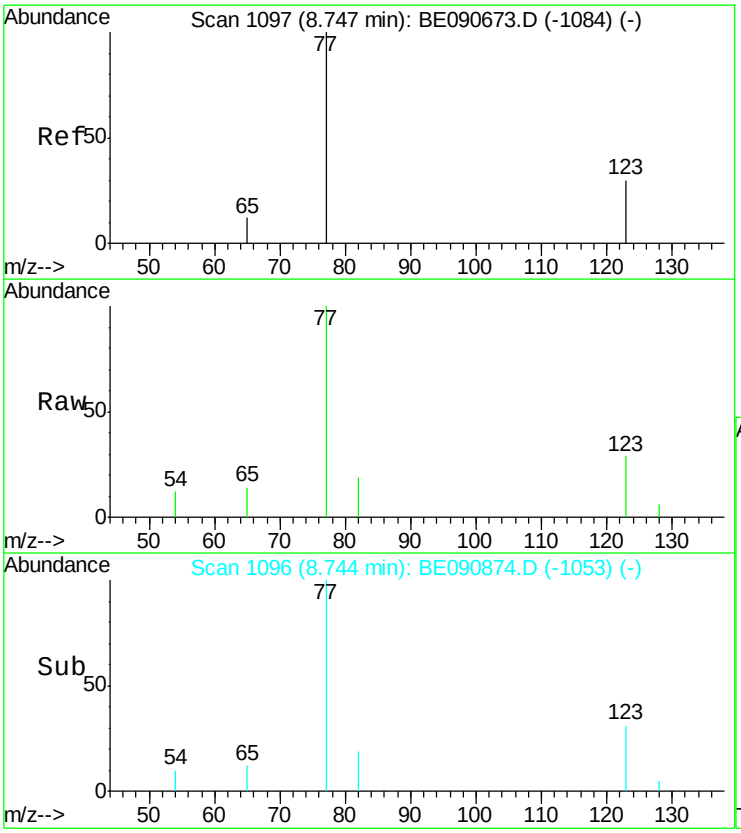
#7
Nitrobenzene-d5
Concen: 0.88 ng
RT: 8.70 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 9355

Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.0	37.4
54	62.3	46.3	69.5

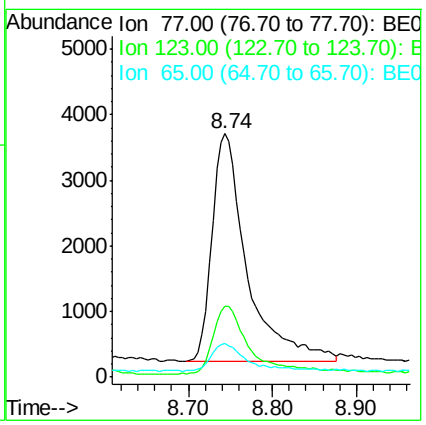


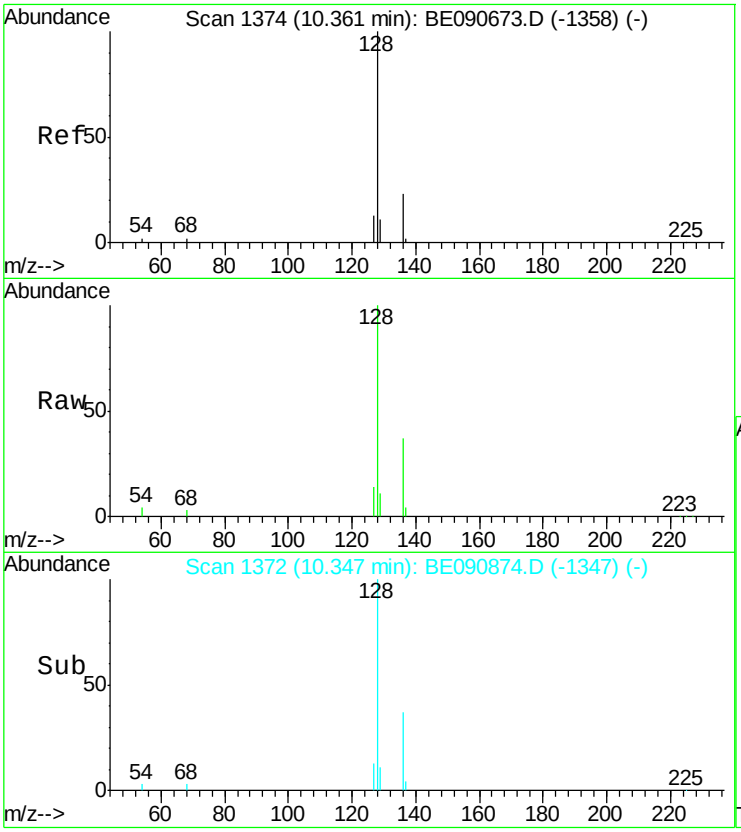


#8
Nitrobenzene
Concen: 0.86 ng
RT: 8.74 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion: 77 Resp: 9975

Ion	Ratio	Lower	Upper
77	100		
123	31.2	25.1	37.7
65	12.1	9.9	14.9



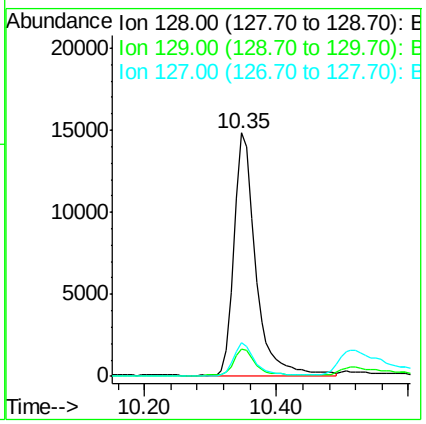


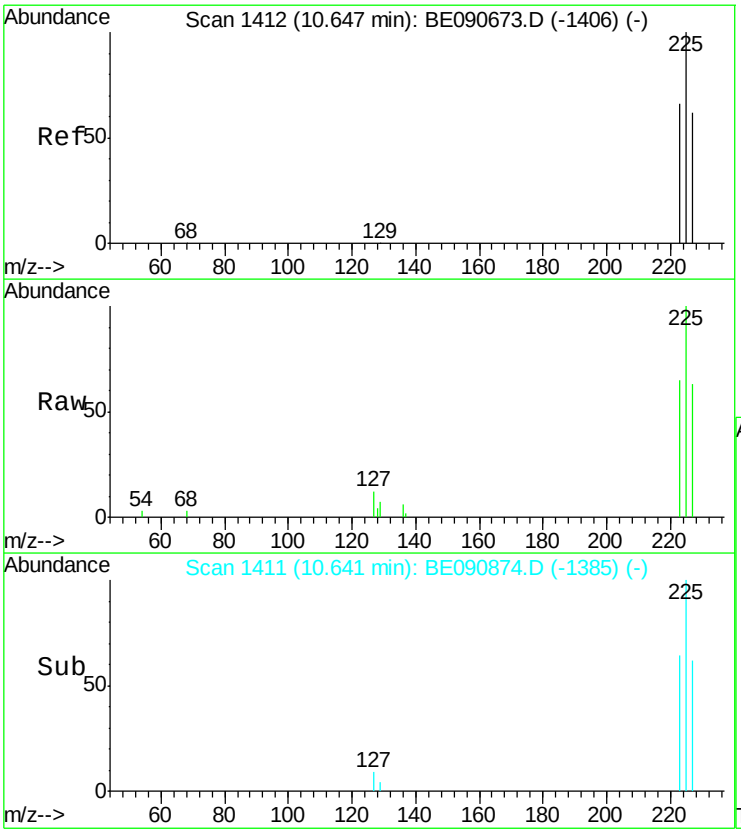
#9
Naphthalene
Concen: 0.95 ng
RT: 10.35 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 33024

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	10.6	15.8

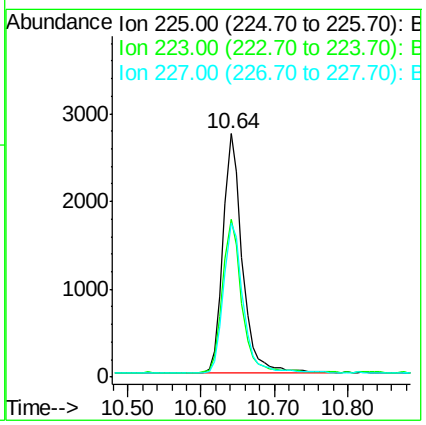


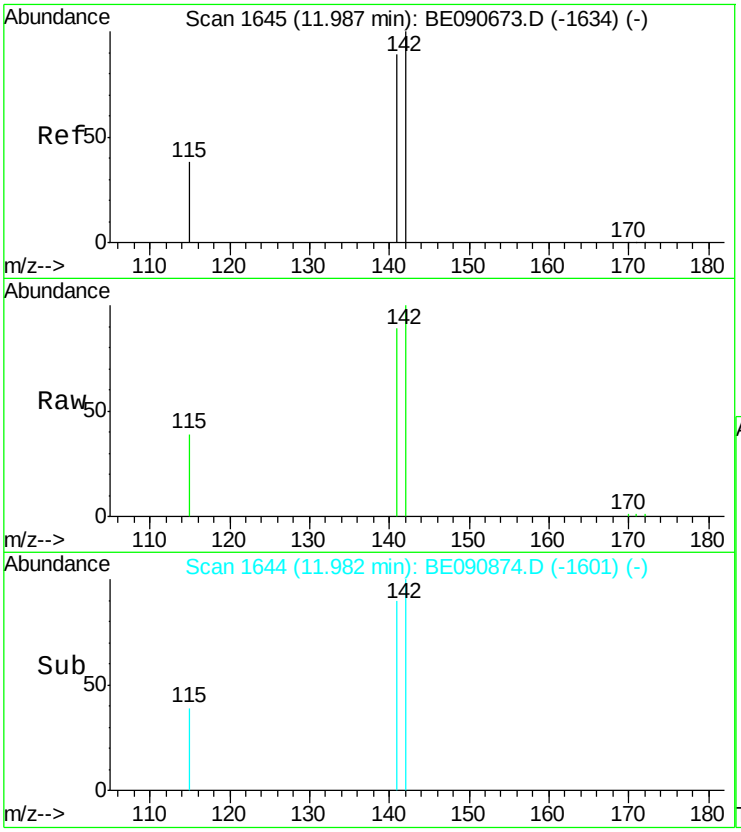


#10
Hexachlorobutadiene
Concen: 0.91 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:225 Resp: 4984

Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	63.6	51.0	76.6



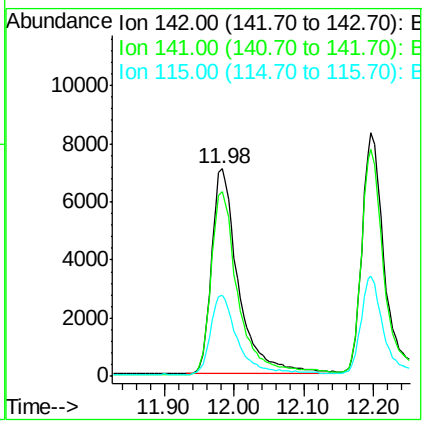


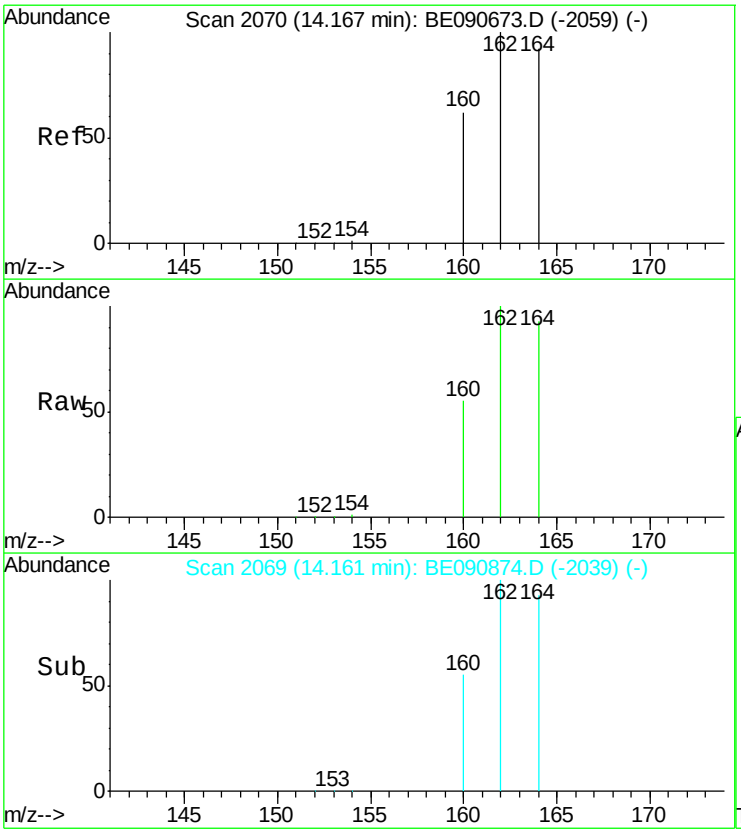
#11
2-Methylnaphthalene
Concen: 1.01 ng
RT: 11.98 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 19103

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	39.0	31.0	46.4

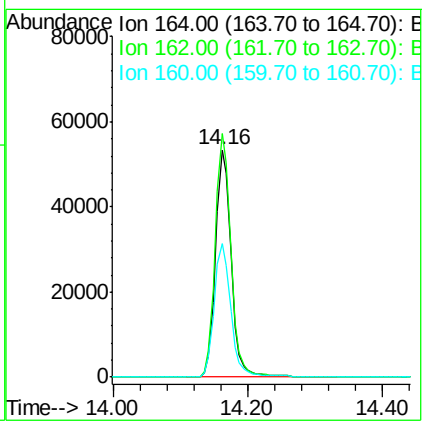


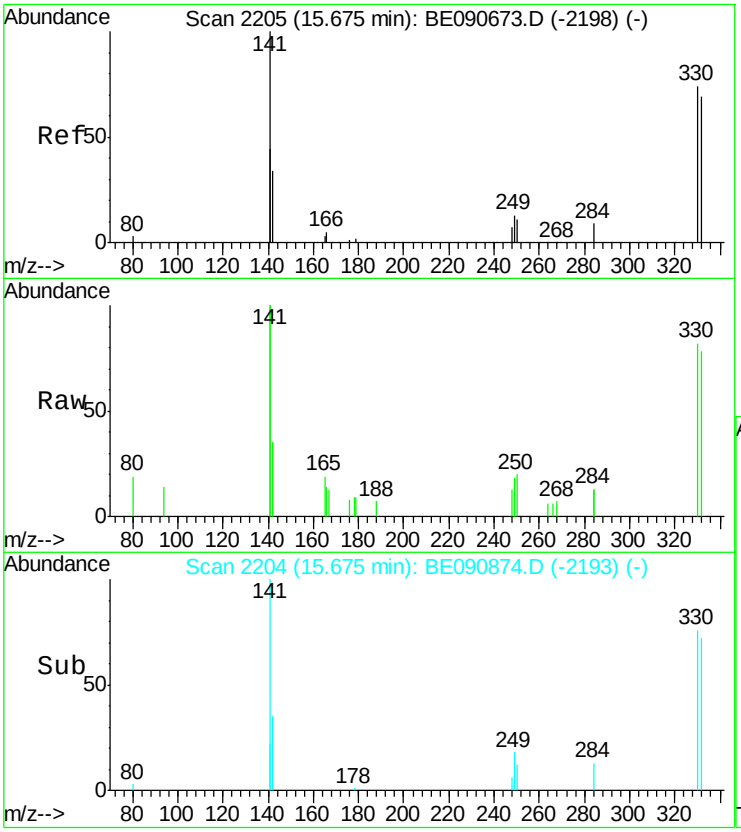


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:164 Resp: 85364

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.8	130.2
160	58.8	53.9	80.9



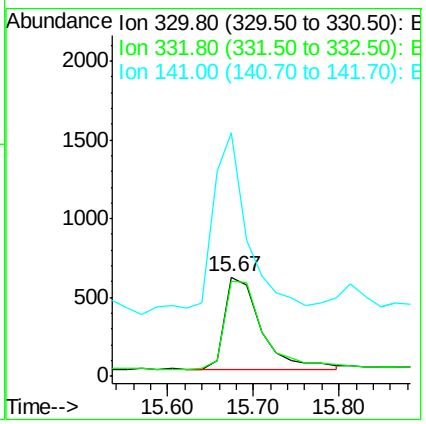


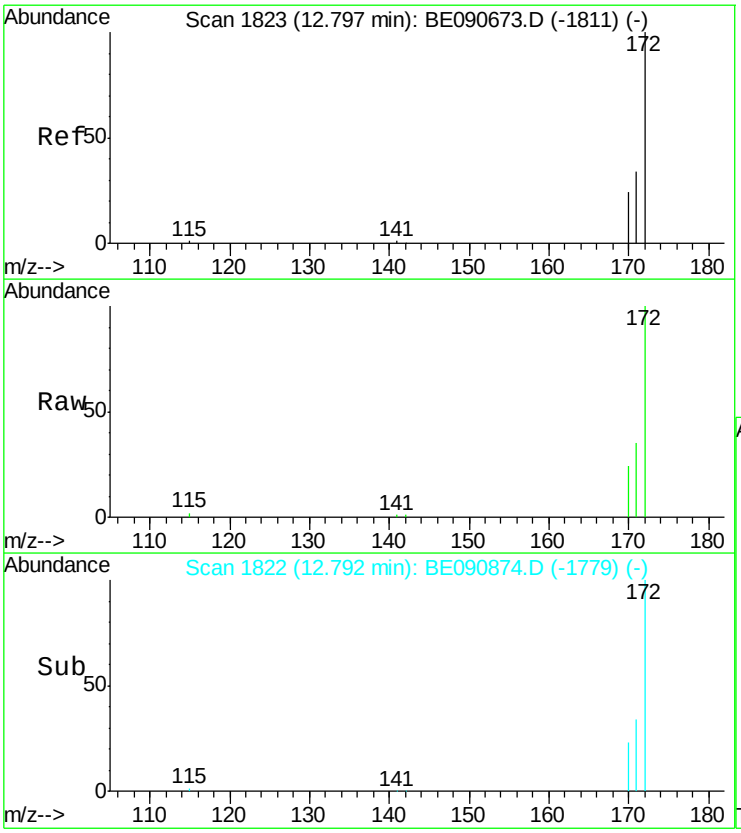
#13
2,4,6-Tribromophenol
Concen: 0.84 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 1750

Ion	Ratio	Lower	Upper
330	100		
332	99.9	74.9	112.3
141	194.3	145.2	217.8

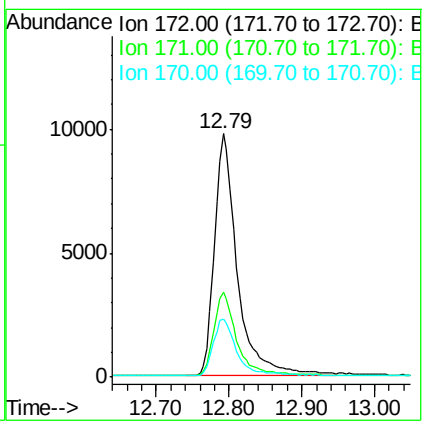


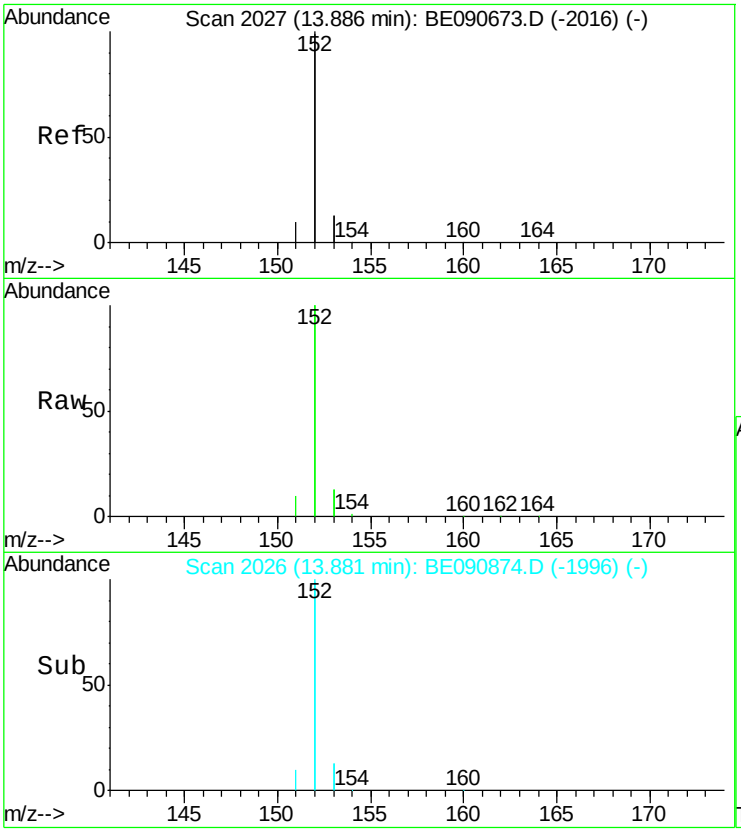


#14
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:172 Resp: 21345

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.9	19.8	29.6



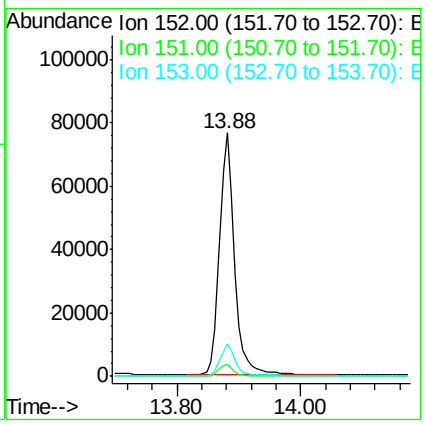


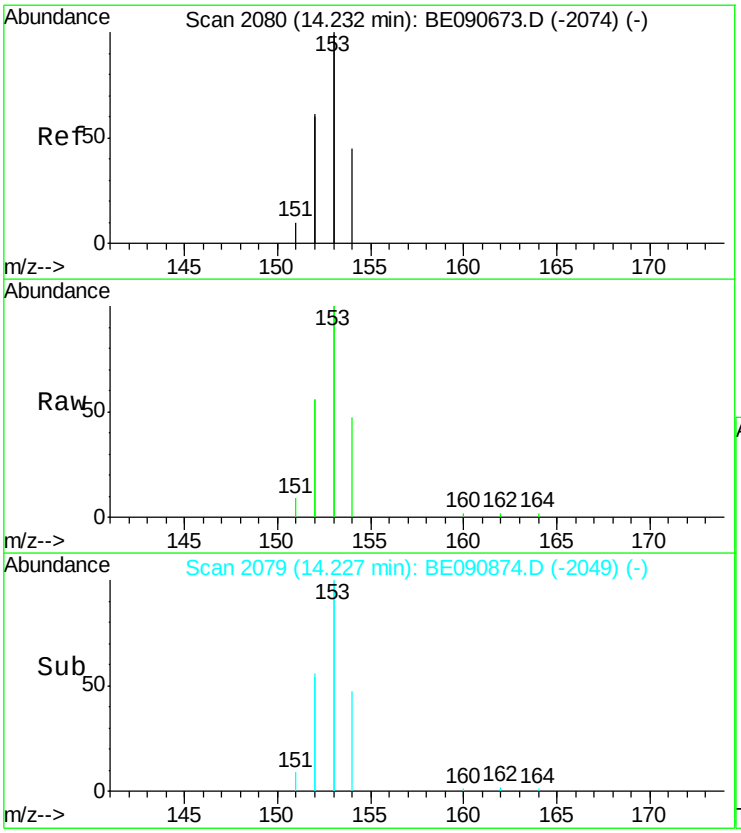
#15
Acenaphthylene
Concen: 0.95 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 129271

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.1	10.3	15.5

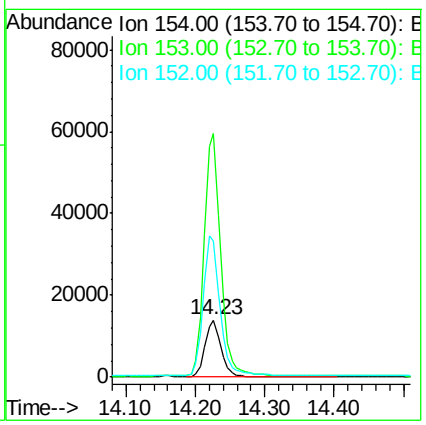


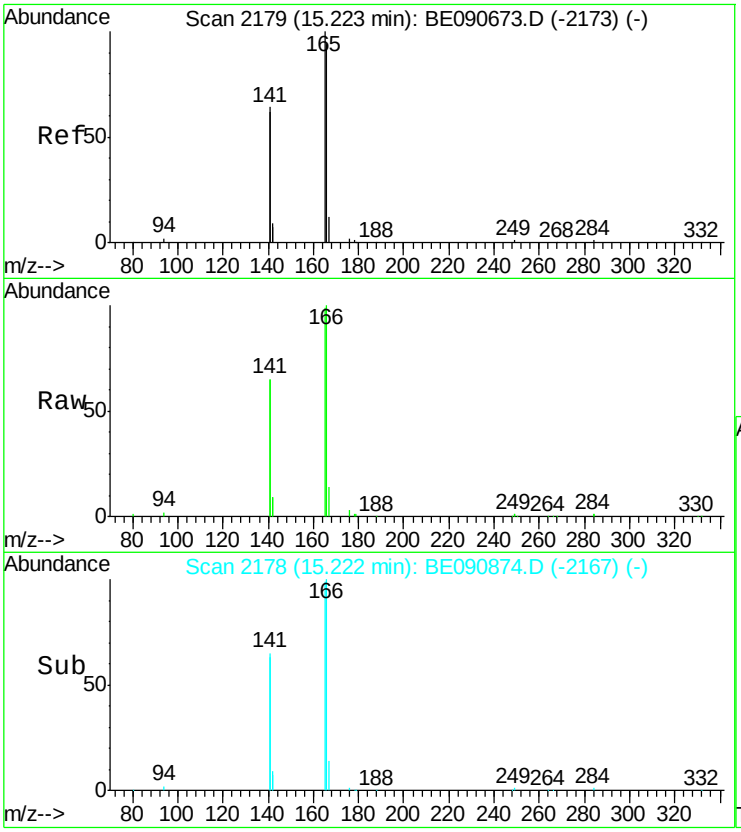


#16
Acenaphthene
Concen: 0.96 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:154 Resp: 21954

Ion	Ratio	Lower	Upper
154	100		
153	437.1	354.5	531.7
152	259.1	227.8	341.6



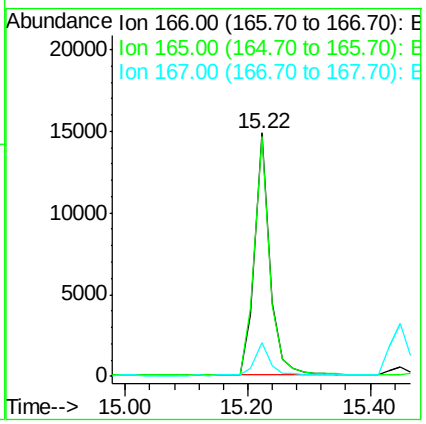


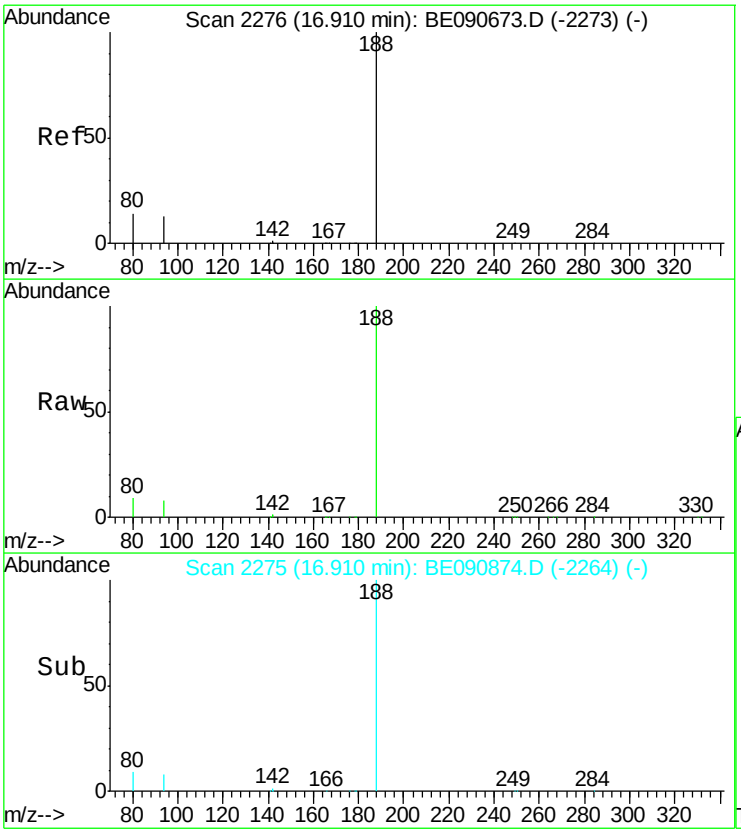
#17
Fluorene
Concen: 0.91 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 25969

Ion	Ratio	Lower	Upper
166	100		
165	100.6	82.7	124.1
167	13.9	10.7	16.1

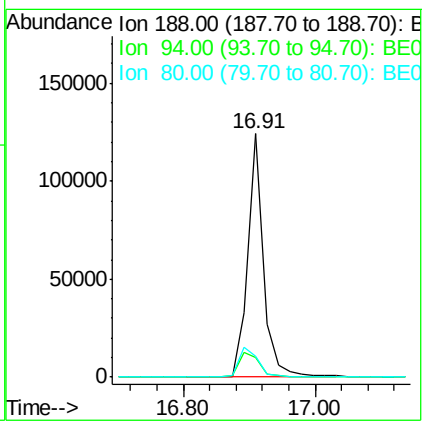


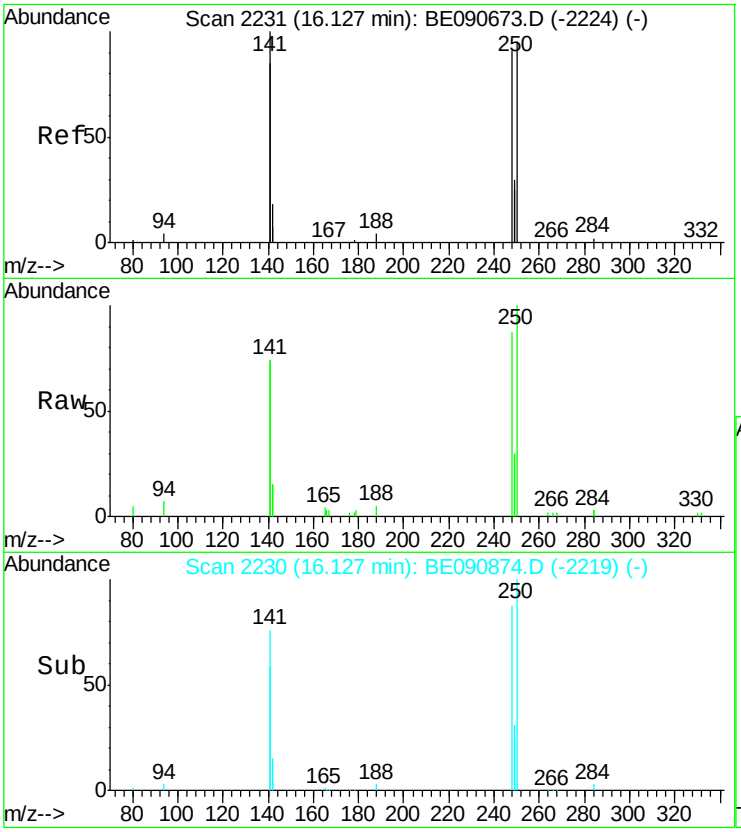


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:188 Resp: 205060

Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.3	15.5#
80	8.7	11.0	16.6#



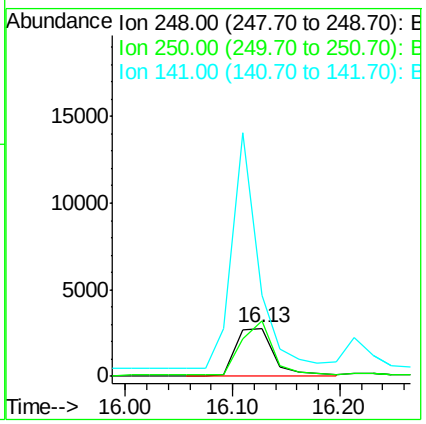


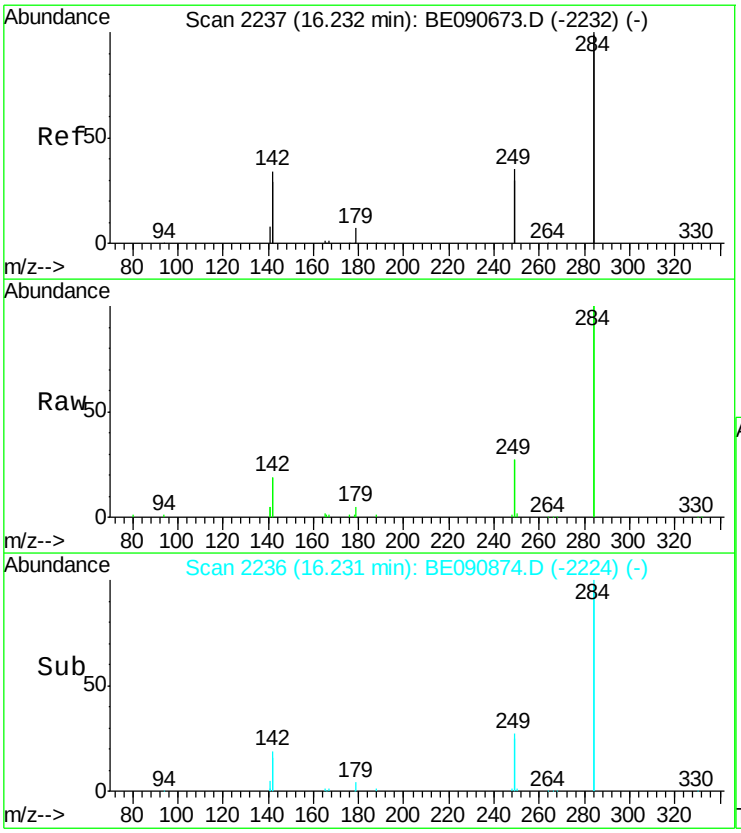
#19
4-Bromophenyl-phenylether
Concen: 0.94 ng
RT: 16.13 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 6541

Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.7	115.1
141	355.0	292.6	439.0

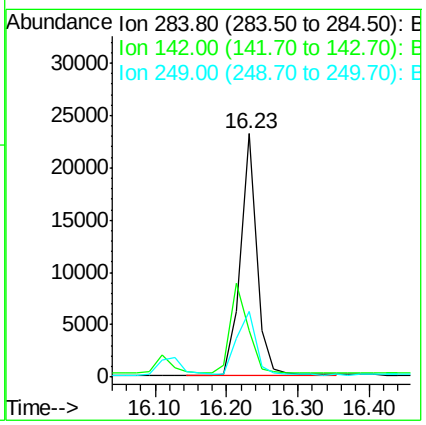


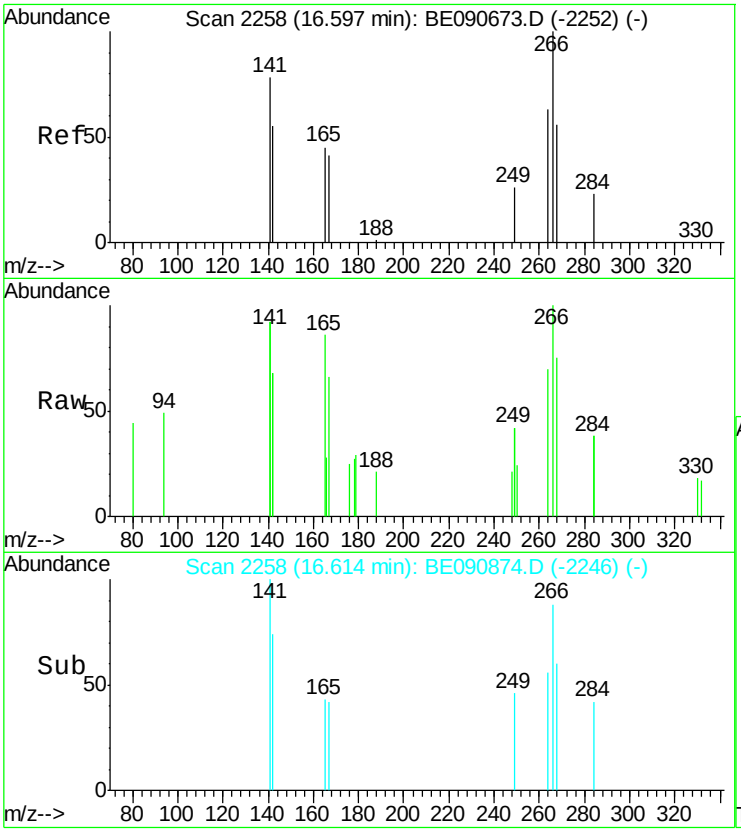


#20
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:284 Resp: 36133

Ion	Ratio	Lower	Upper
284	100		
142	40.3	35.0	52.4
249	31.2	25.5	38.3



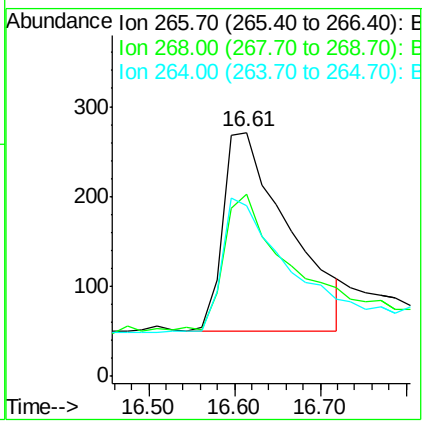


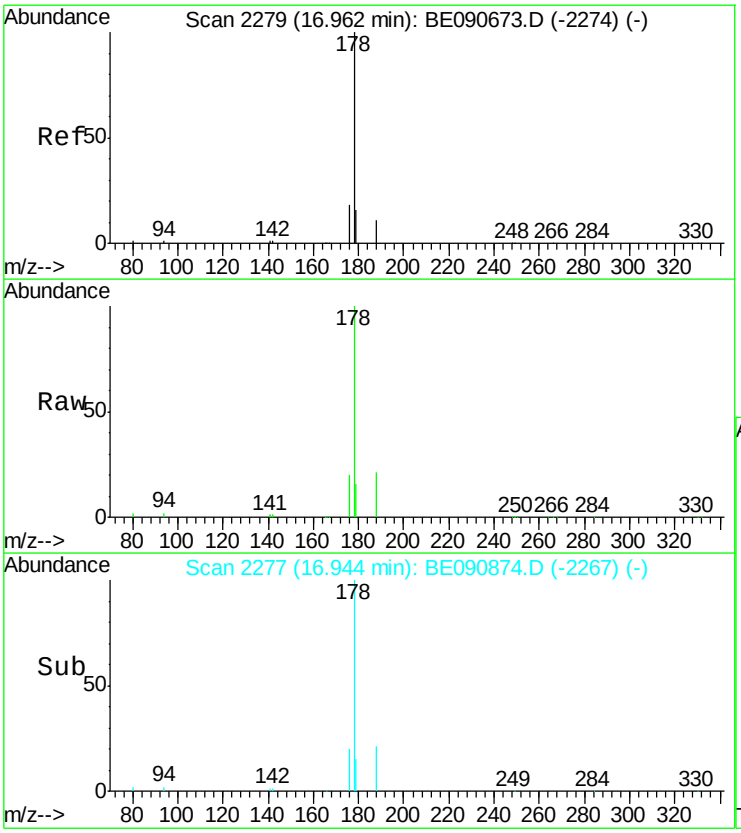
#21
Pentachlorophenol
Concen: 0.85 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1171

Ion	Ratio	Lower	Upper
266	100		
268	74.9	49.6	74.4#
264	70.1	53.9	80.9

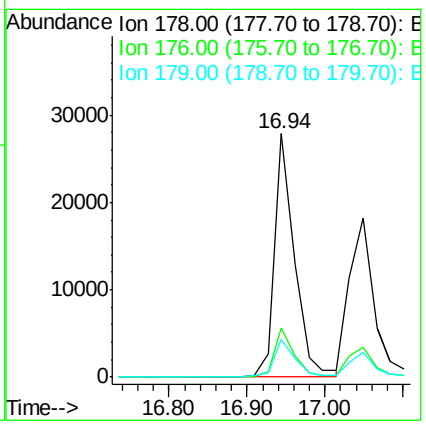


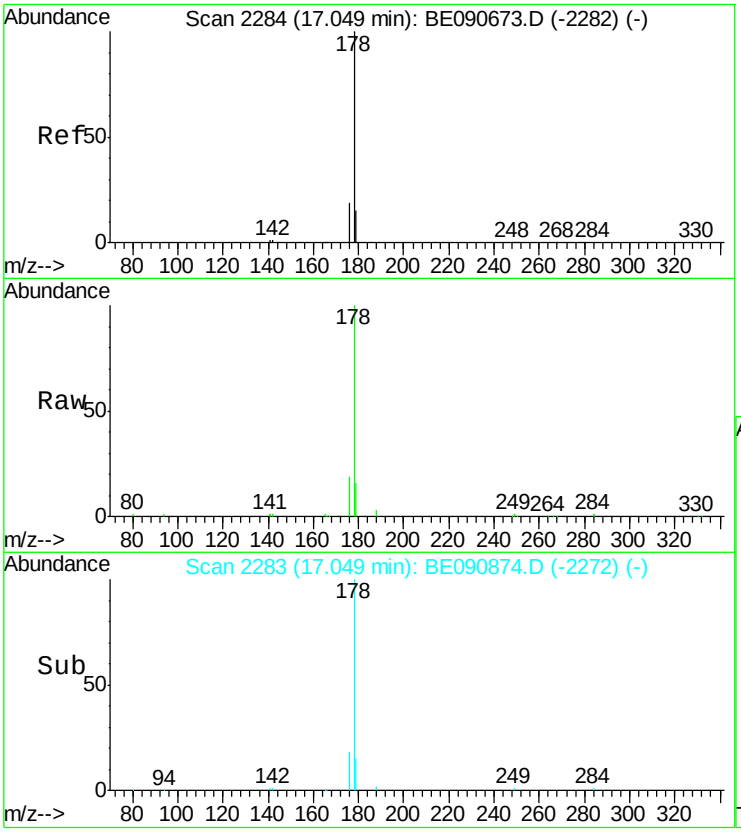


#22
Phenanthrene
Concen: 0.96 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:178 Resp: 48950

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.9	12.8	19.2



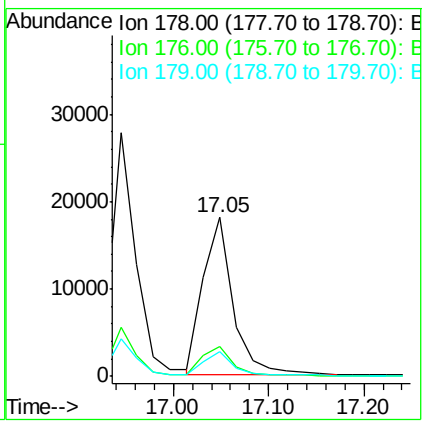


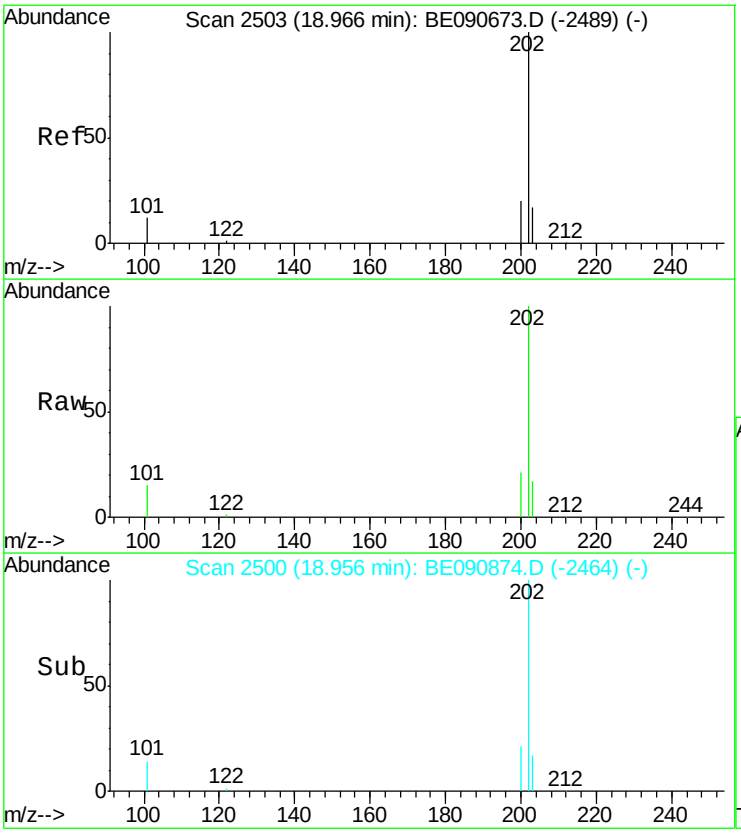
#23
Anthracene
Concen: 0.93 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 39335

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.0	12.3	18.5

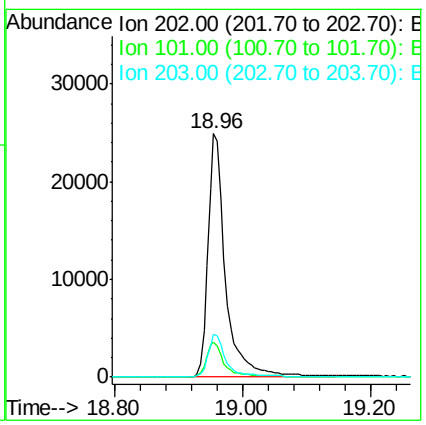


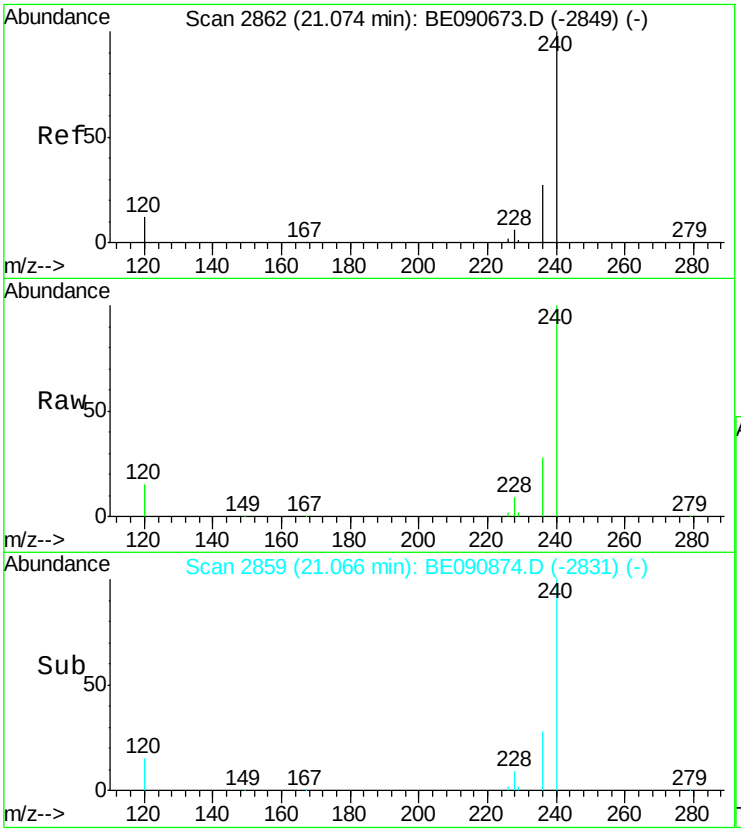


#24
Fluoranthene
Concen: 0.88 ng
RT: 18.96 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:202 Resp: 47140

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.6
203	17.1	13.9	20.9



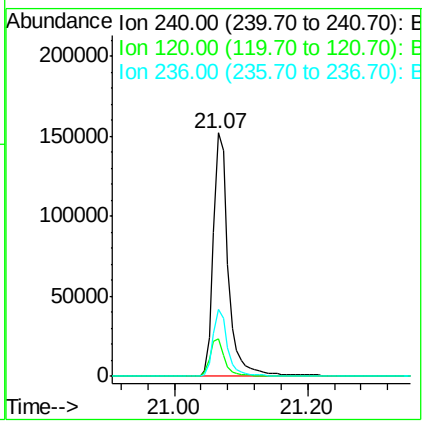


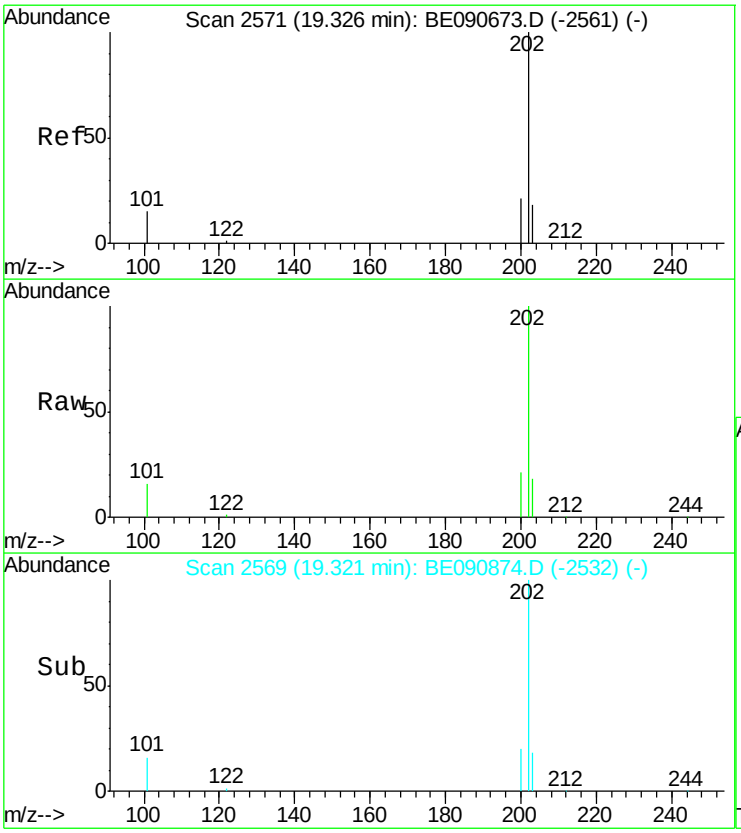
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 233290

Ion	Ratio	Lower	Upper
240	100		
120	15.2	10.1	15.1#
236	27.6	21.9	32.9

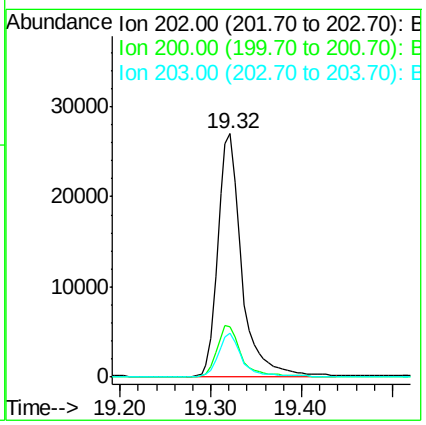


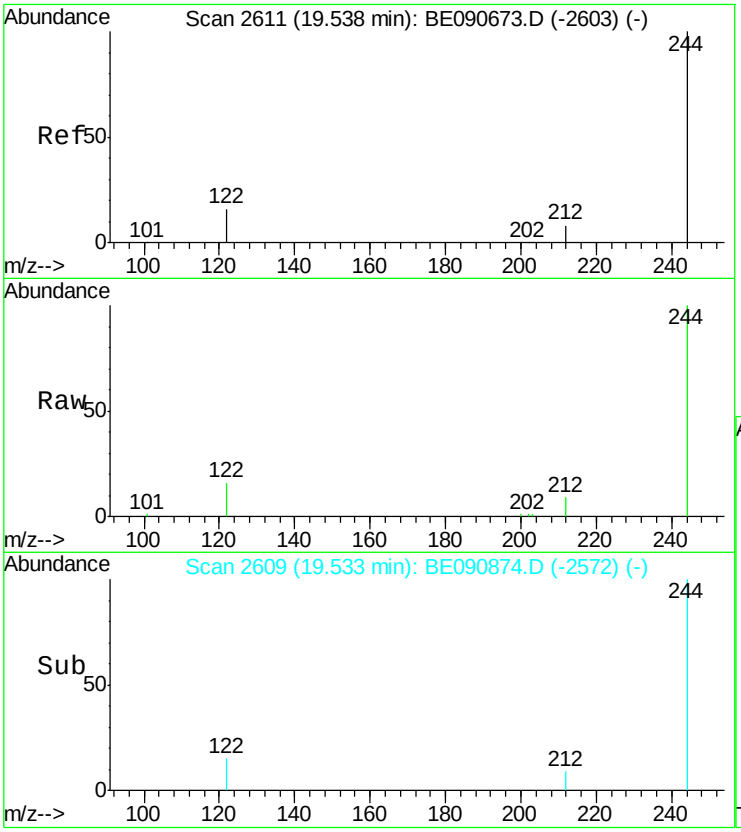


#26
Pyrene
Concen: 1.01 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:202 Resp: 48916

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.5	13.8	20.6



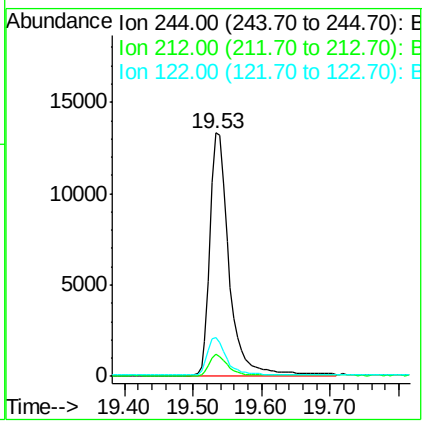


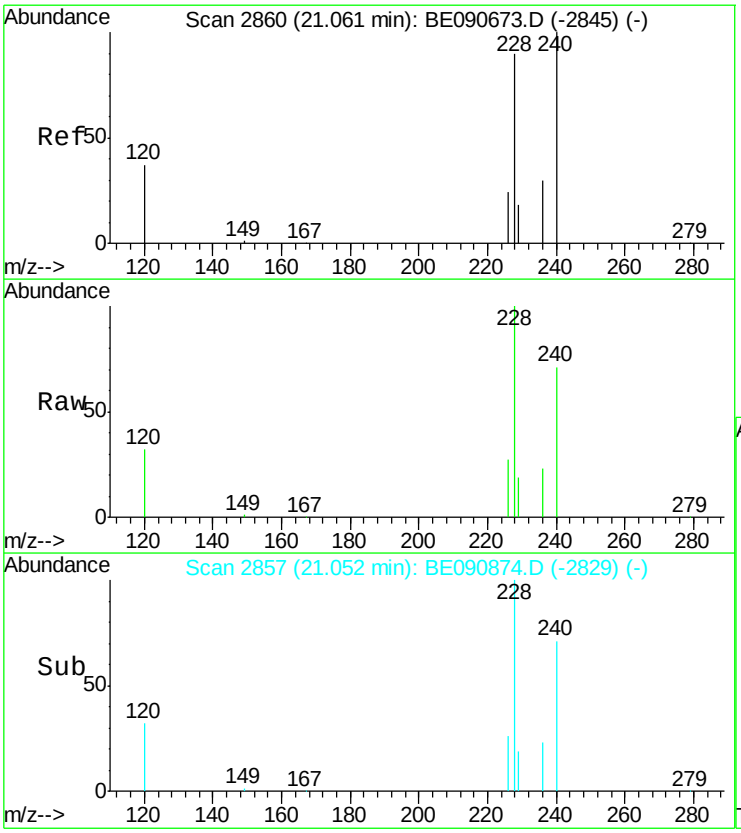
#27
Terphenyl-d14
Concen: 0.99 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 25517

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	16.0	12.9	19.3

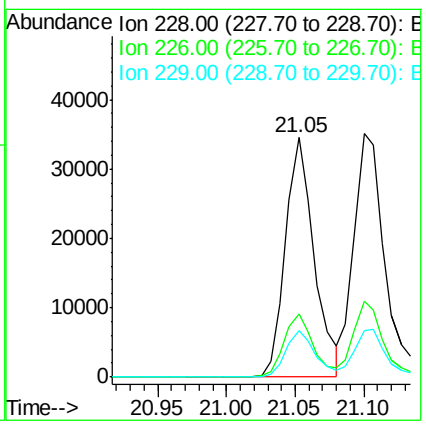


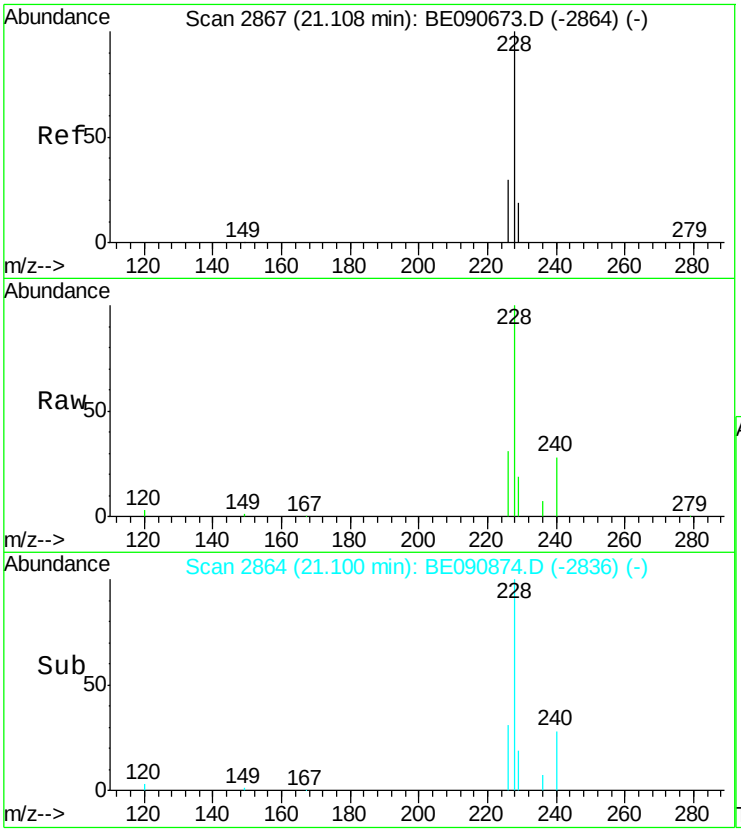


#28
Benzo(a)anthracene
Concen: 0.96 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:228 Resp: 49859

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.6	32.4
229	19.4	15.9	23.9



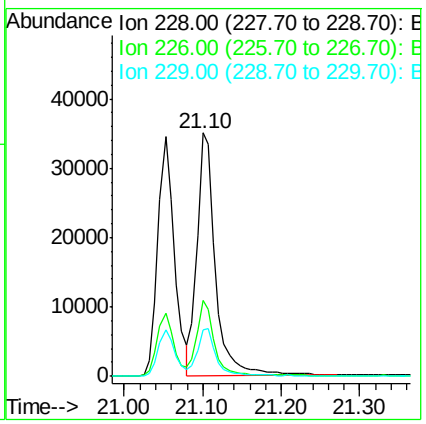


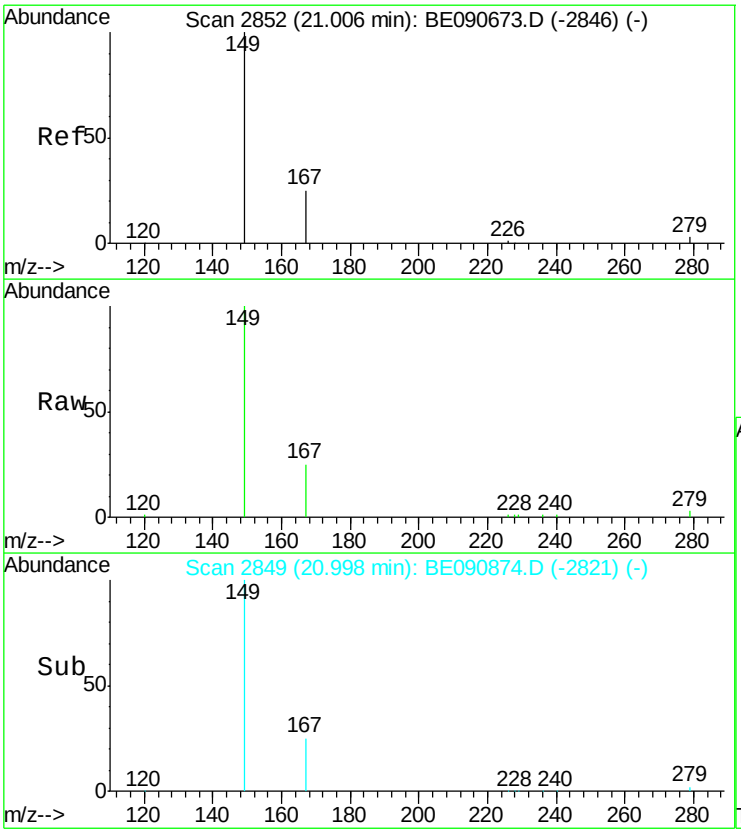
#29
Chrysene
Concen: 1.00 ng
RT: 21.10 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 57040

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	19.1	15.3	22.9

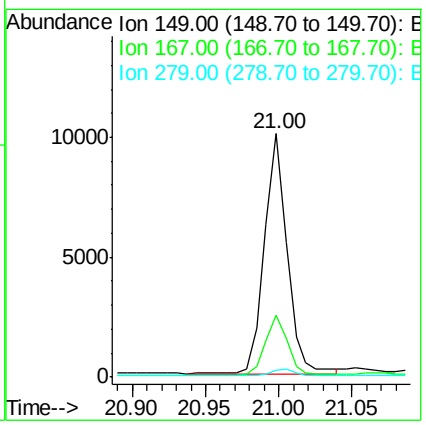


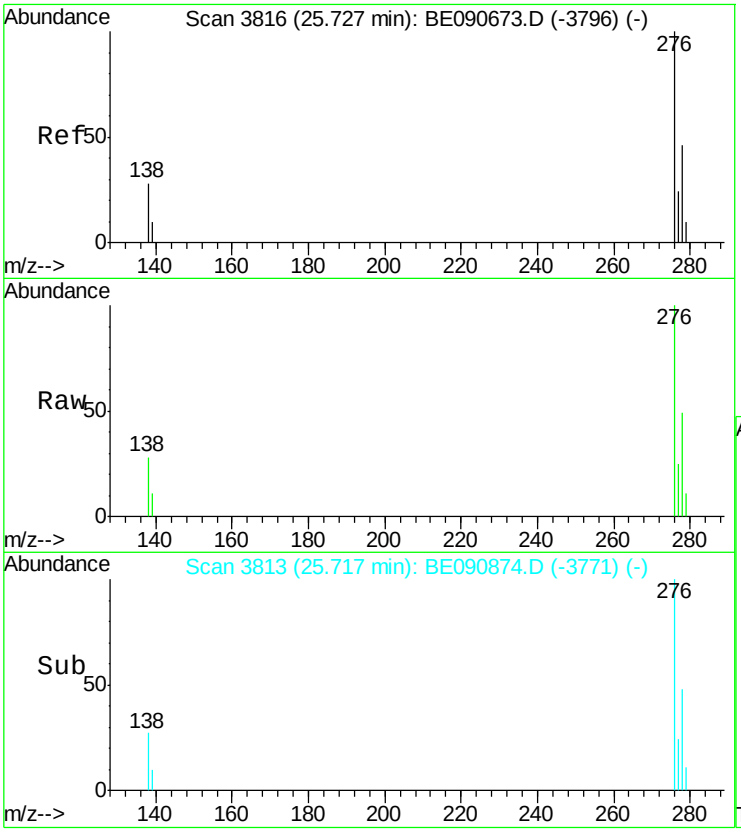


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.83 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:149 Resp: 10770

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.1	30.1
279	3.0	2.3	3.5



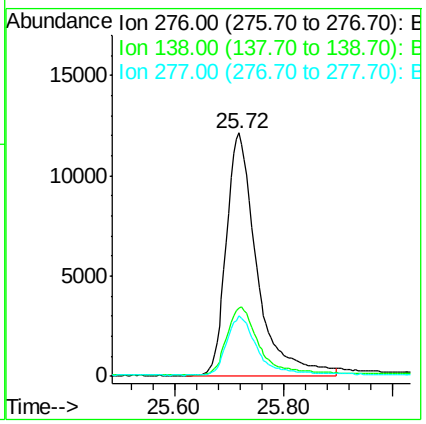


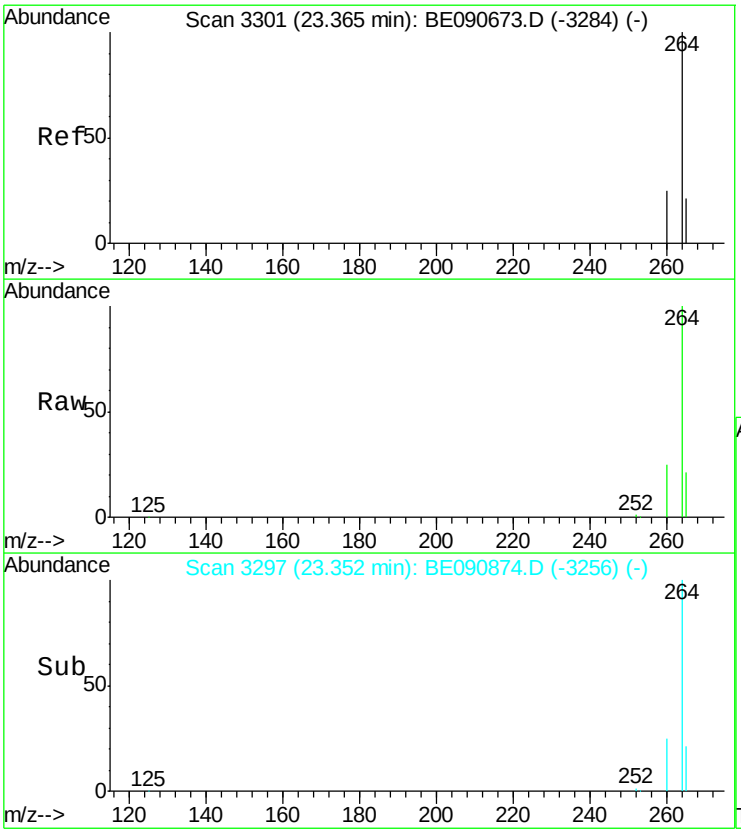
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.85 ng
RT: 25.72 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 46666

Ion	Ratio	Lower	Upper
276	100		
138	30.0	23.3	34.9
277	24.9	19.8	29.6

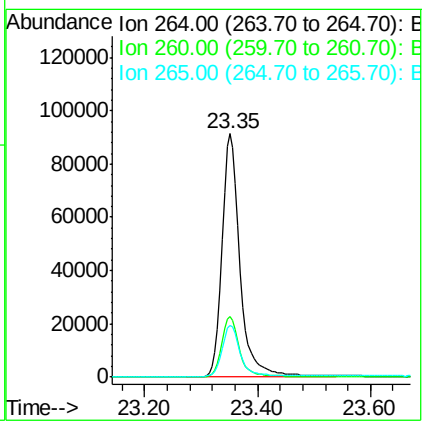


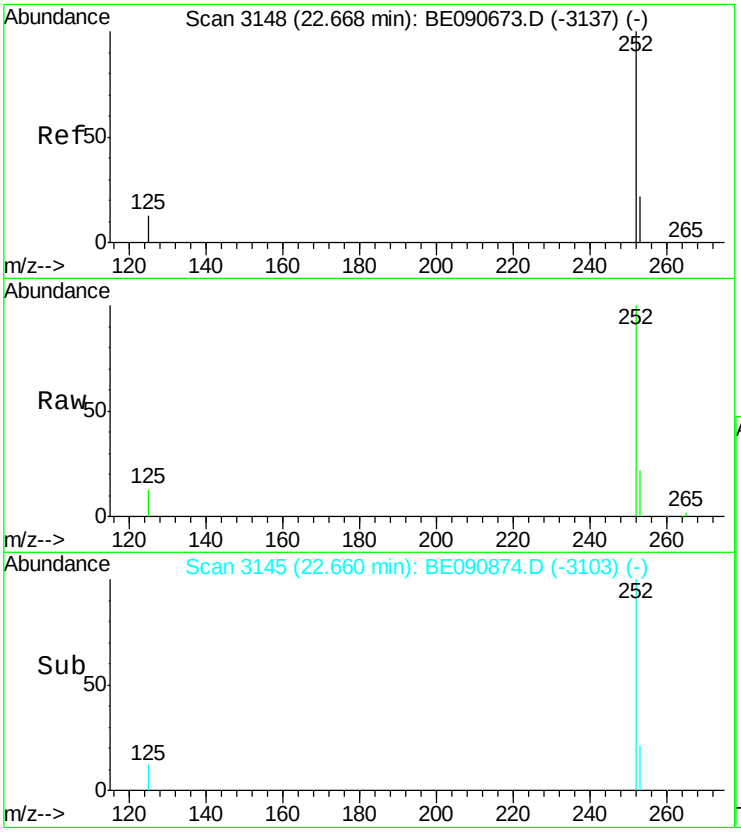


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:264 Resp: 201213

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.0	17.5	26.3



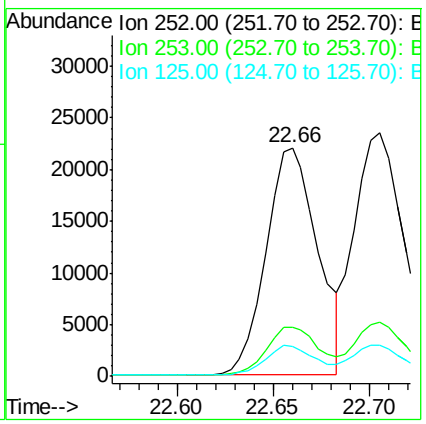


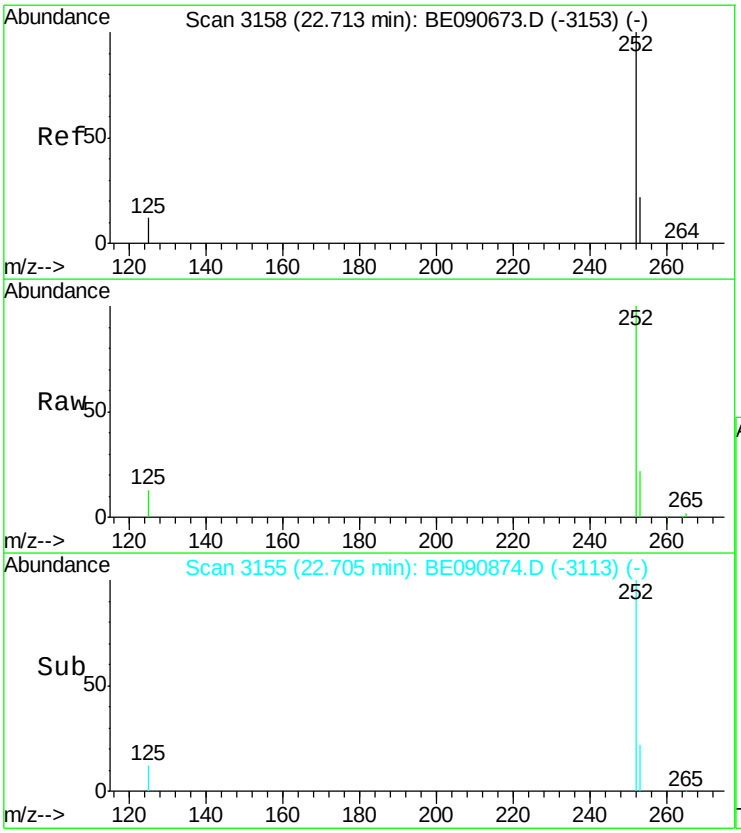
#33
Benzo(b)fluoranthene
Concen: 0.94 ng
RT: 22.66 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 40999

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.9	10.6	16.0

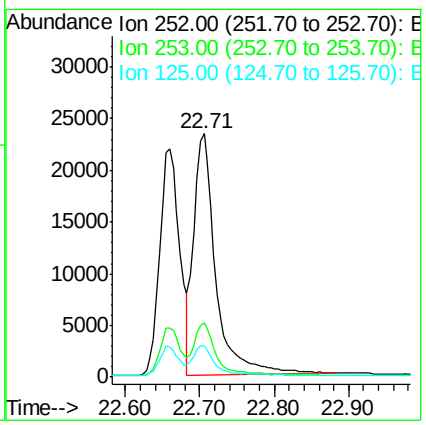


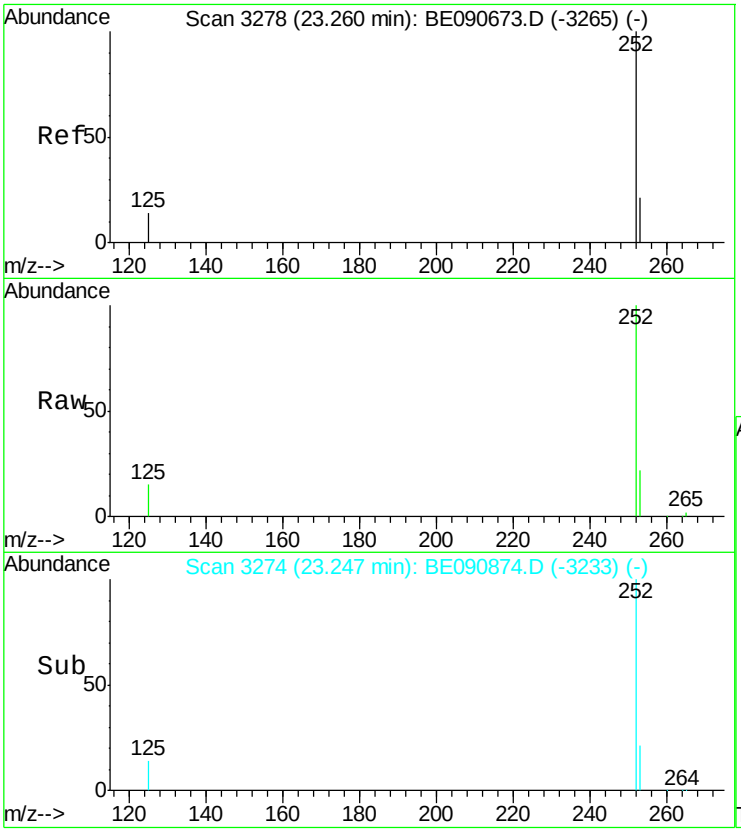


#34
Benzo(k)fluoranthene
Concen: 0.95 ng
RT: 22.71 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:252 Resp: 48134

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.8	10.1	15.1



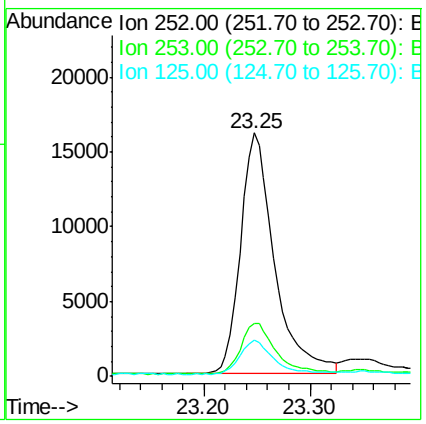


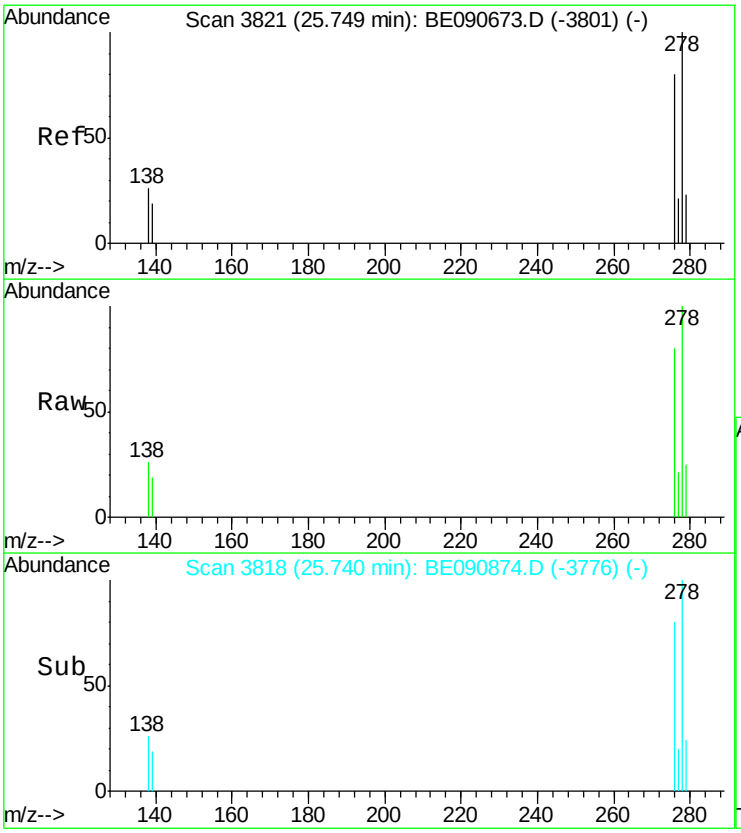
#35
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.25 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 35952

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.7	11.6	17.4

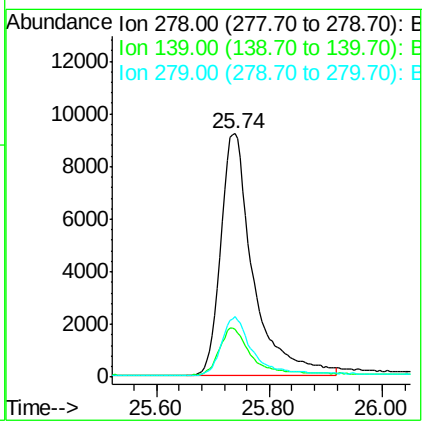


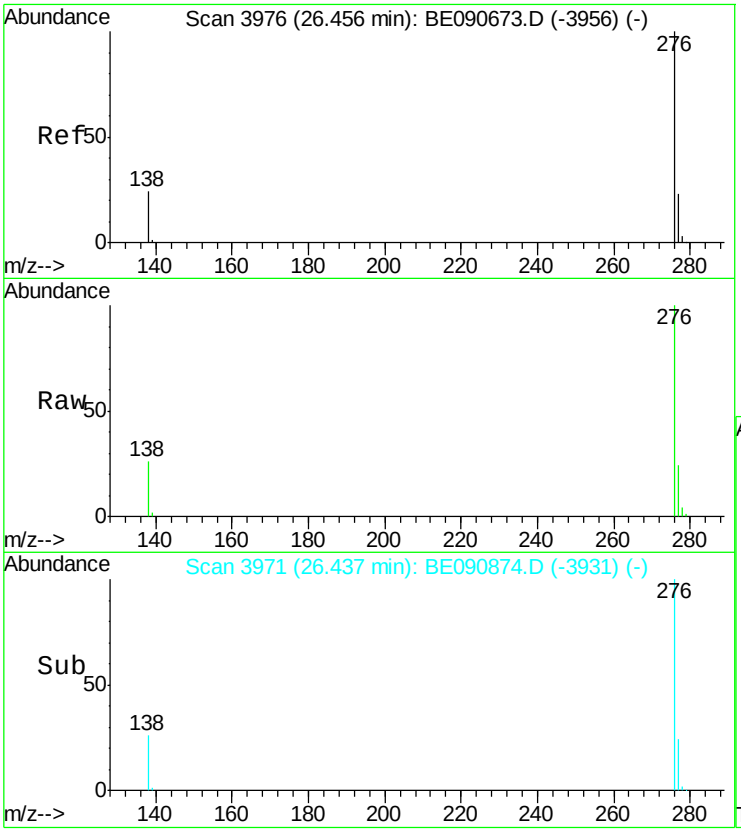


#36
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Tgt Ion:278 Resp: 36508

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.4	23.0
279	25.0	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 0.88 ng
RT: 26.44 min Scan# 3971
Delta R.T. -0.02 min
Lab File: BE090874.D
Acq: 17 Sep 2015 20:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 39669

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	26.4	20.1	30.1