Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090810.D
Acq On : 14 Sep 2015 22:06
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Sep 15 00:58:53 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	55437	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	254681	5.00	ng		0.00
12) Acenaphthene-d10	14.16	164	135547	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	322240	5.00	ng		0.00
25) Chrysene-d12	21.07	240	421936	5.00	ng		0.00
32) Perylene-d12	23.35	264	403871	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	8175	0.77	ng		0.00
5) Phenol-d6	6.75	99	12126	0.79	ng		0.00
7) Nitrobenzene-d5	8.70	82	14002	0.83	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	2253	0.71	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	31217	0.83	ng		0.00
27) Terphenyl-d14	19.53	244	41913	0.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	6997	0.82	ng		95
3) n-Nitrosodimethylamine	3.45	42	8848	0.83	ng	#	96
8) Nitrobenzene	8.74	77	15854	0.86	ng		98
9) Naphthalene	10.35	128	48521	0.87	ng		99
10) Hexachlorobutadiene	10.64	225	7723	0.89	ng		99
11) 2-Methylnaphthalene	11.98	142	26607	0.89	ng		100
15) Acenaphthylene	13.88	152	179239	0.83	ng		100
16) Acenaphthene	14.23	154	31136	0.86	ng		98
17) Fluorene	15.22	166	37825	0.84	ng		97
19) 4-Bromophenyl-phenylether	16.11	248	9332	0.85	ng		96
20) Hexachlorobenzene	16.23	284	50693	0.86	ng		98
21) Pentachlorophenol	16.60	266	2168	0.92	ng		94
22) Phenanthrene	16.94	178	70926	0.89	ng		100
23) Anthracene	17.05	178	58436	0.88	ng		100
24) Fluoranthene	18.96	202	71377	0.85	ng		99
26) Pyrene	19.32	202	85334	0.98	ng		99
28) Benzo(a)anthracene	21.05	228	87318	0.93	ng		99
29) Chrysene	21.10	228	93656	0.90	ng		100
30) Bis(2-ethylhexyl)phthalate	21.00	149	20342	0.86	ng		100
31) Indeno(1,2,3-cd)pyrene	25.71	276	100151	1.00	ng		99
33) Benzo(b)fluoranthene	22.66	252	80184	0.92	ng		100
34) Benzo(k)fluoranthene	22.70	252	89995	0.88	ng		99
35) Benzo(a)pyrene	23.25	252	71205	0.91	ng		98
36) Dibenzo(a,h)anthracene	25.73	278	77433	0.93	ng		99
37) Benzo(g,h,i)perylene	26.43	276	77400	0.86	ng		98

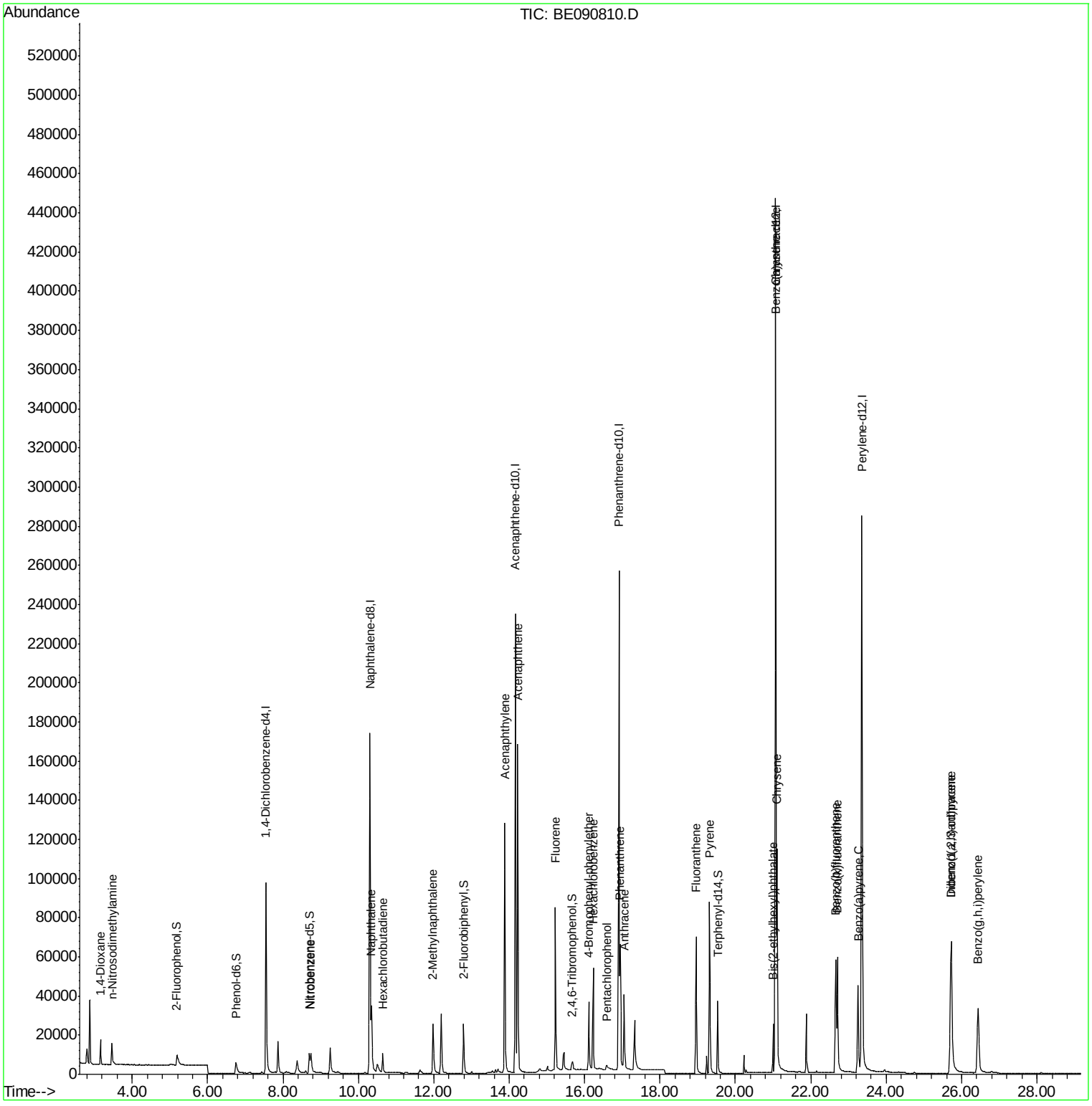
(#) = qualifier out of range (m) = manual integration (+) = signals summed

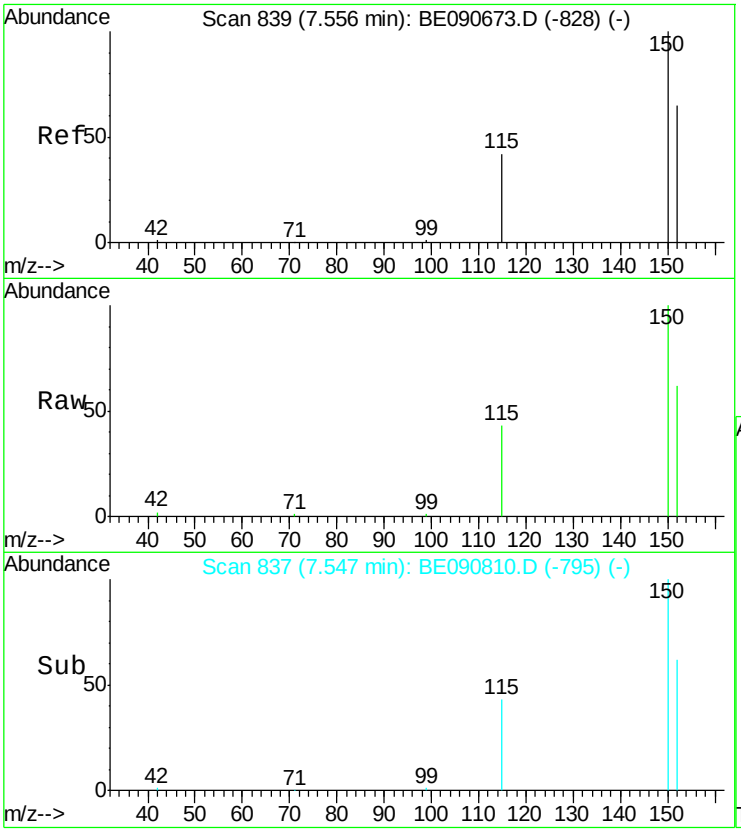
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090810.D
Acq On : 14 Sep 2015 22:06
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Sep 15 00:58:53 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



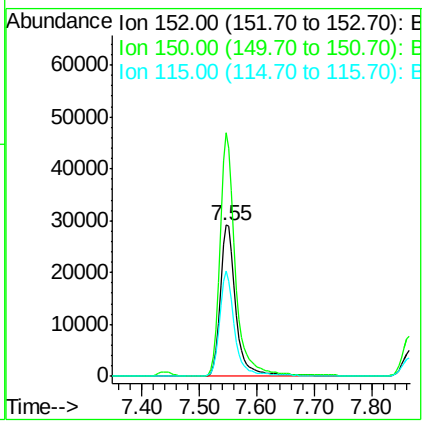


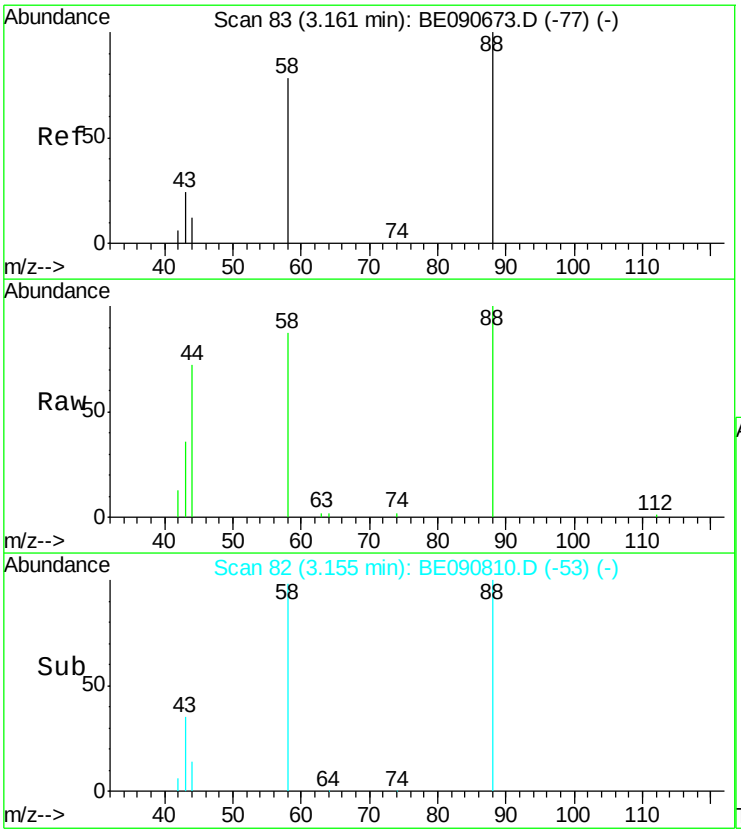
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 55437

Ion	Ratio	Lower	Upper
152	100		
150	160.8	122.2	183.4
115	69.7	51.0	76.4

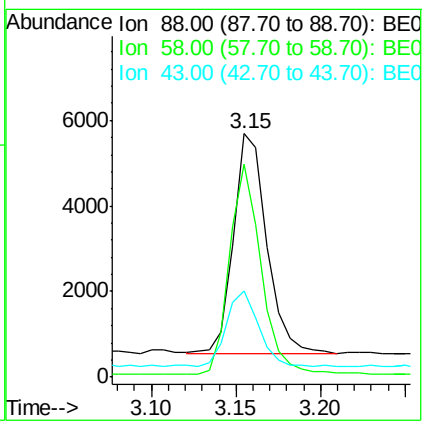


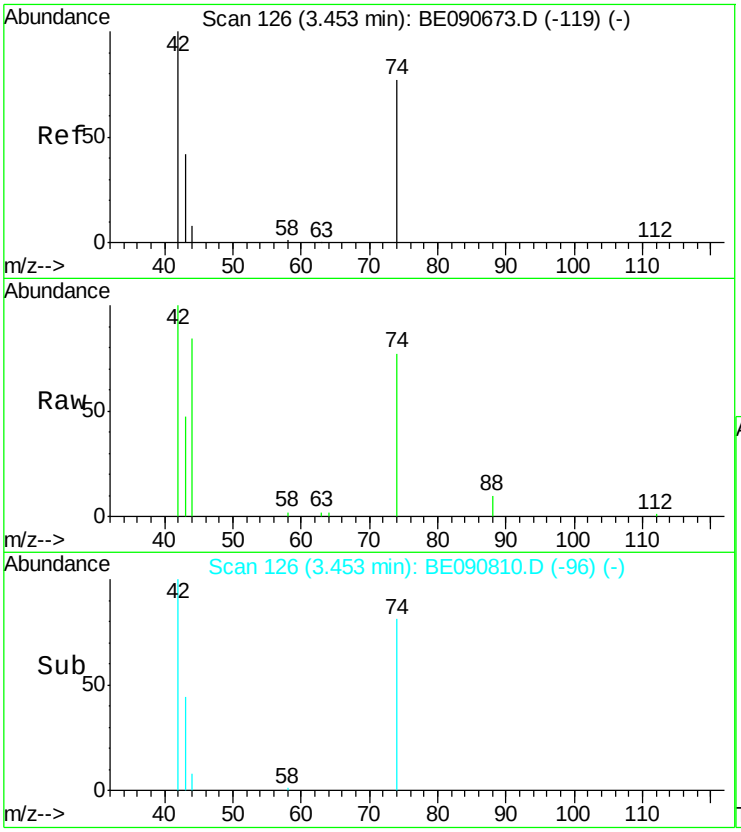


#2
1,4-Dioxane
Concen: 0.82 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion: 88 Resp: 6997

Ion	Ratio	Lower	Upper
88	100		
58	91.3	68.4	102.6
43	33.3	26.9	40.3



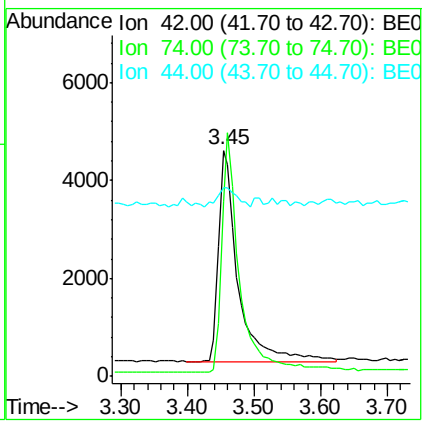


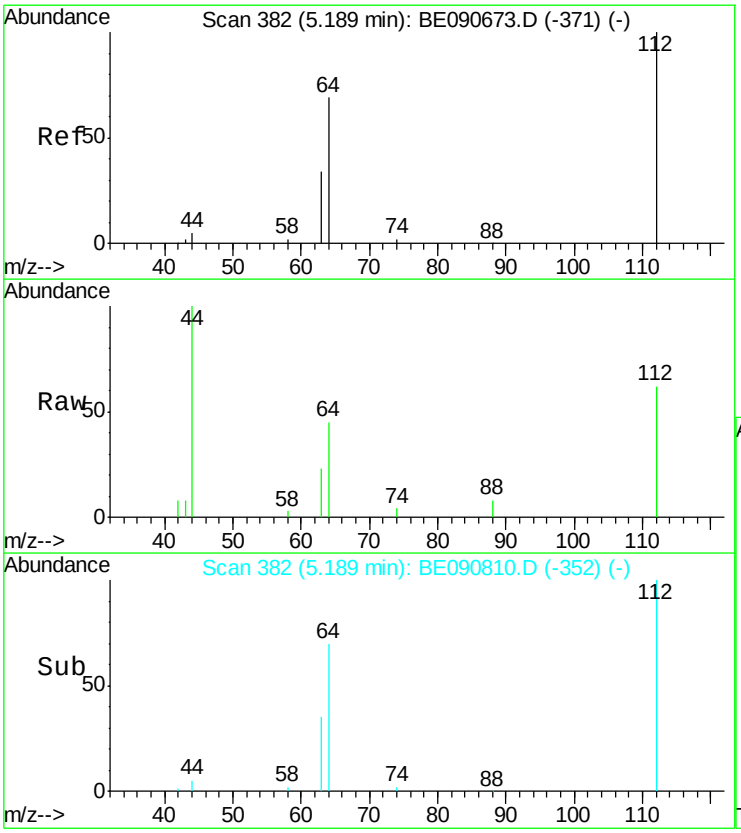
#3
n-Nitrosodimethylamine
Concen: 0.83 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 8848

Ion	Ratio	Lower	Upper
42	100		
74	101.6	83.7	125.5
44	9.0	10.0	15.0#

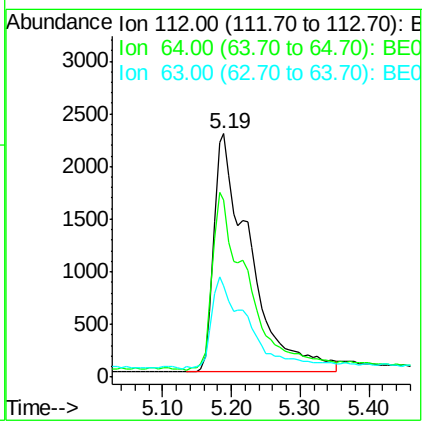


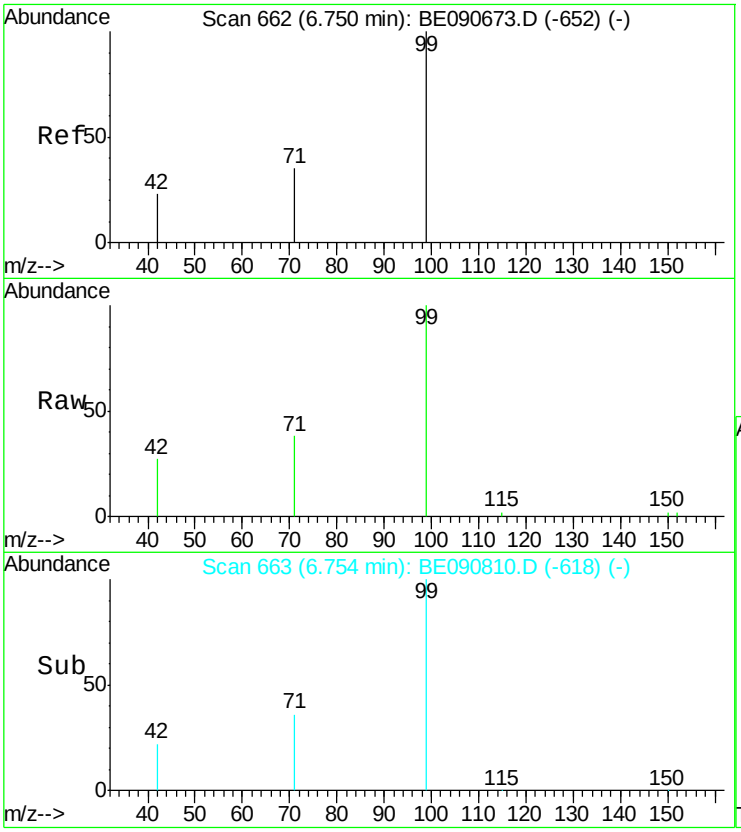


#4
2-Fluorophenol
Concen: 0.77 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:112 Resp: 8175

Ion	Ratio	Lower	Upper
112	100		
64	73.9	57.3	85.9
63	39.3	29.2	43.8



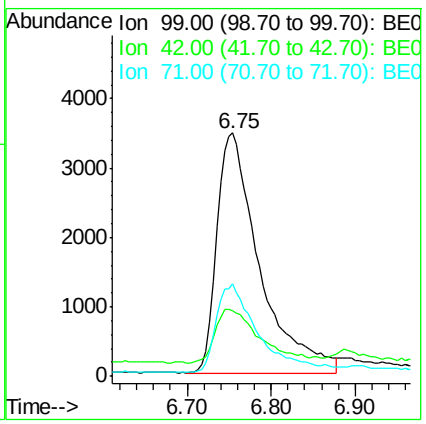


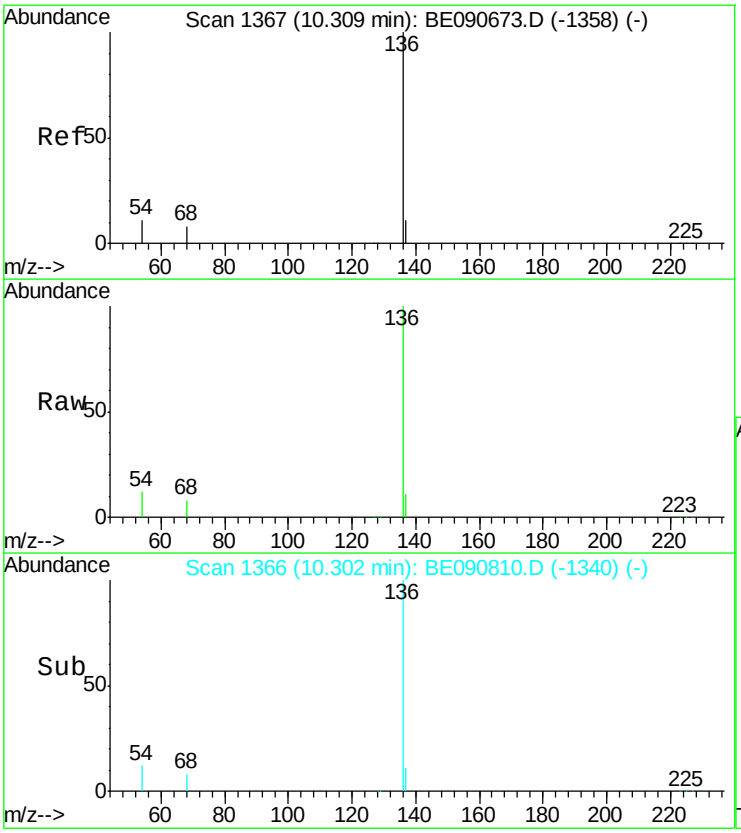
#5
Phenol-d6
Concen: 0.79 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 12126

Ion	Ratio	Lower	Upper
99	100		
42	23.5	16.8	25.2
71	37.1	28.3	42.5

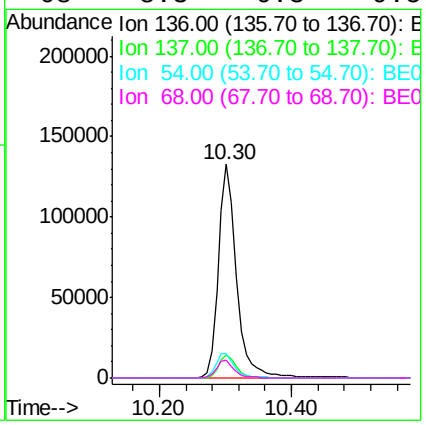


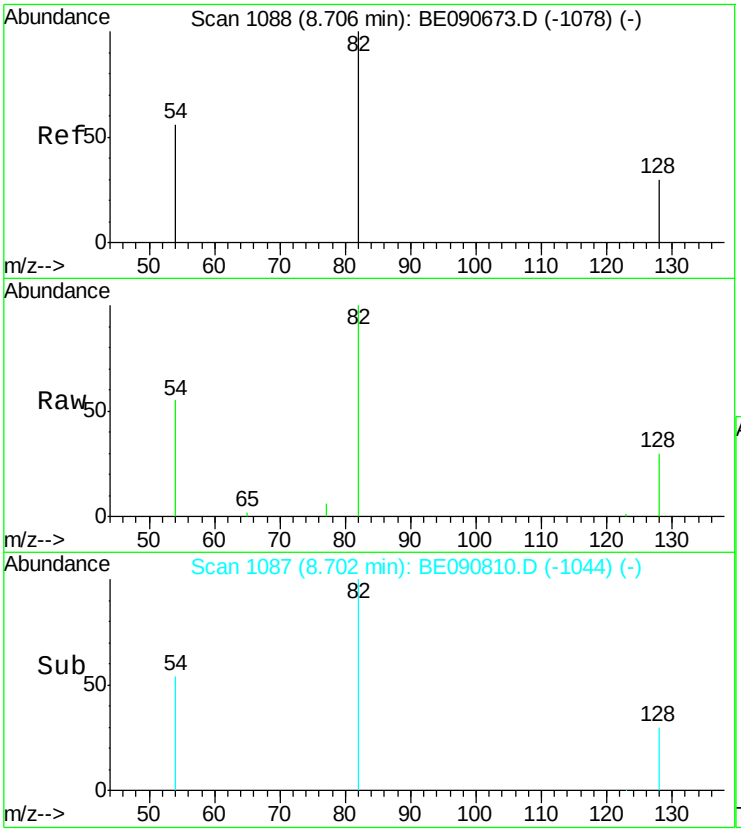


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:136 Resp: 254681

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.7	9.0	13.6
68	8.3	6.3	9.5



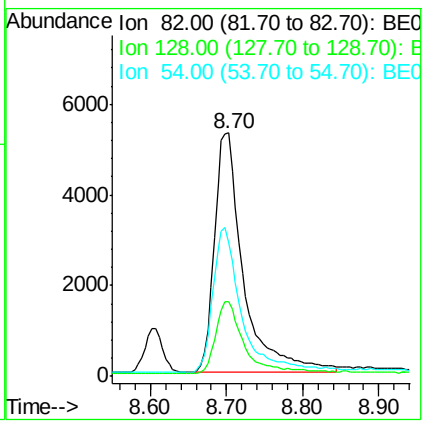


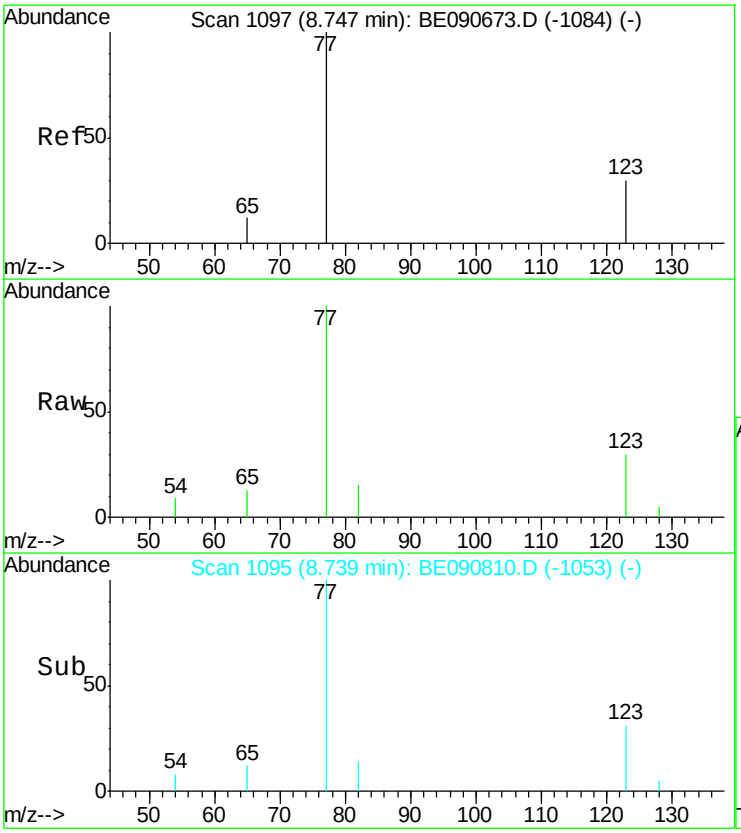
#7
Nitrobenzene-d5
Concen: 0.83 ng
RT: 8.70 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 14002

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.0	37.4
54	54.9	46.3	69.5

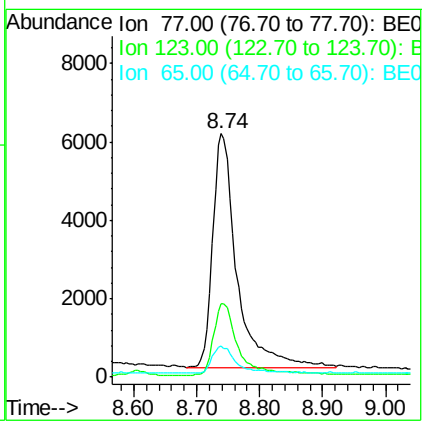


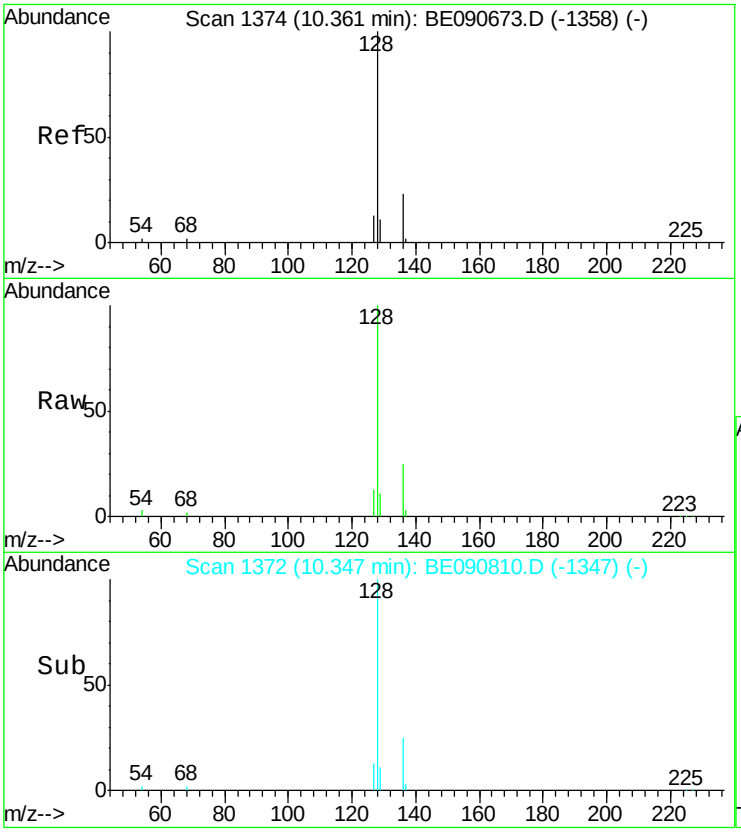


#8
Nitrobenzene
Concen: 0.86 ng
RT: 8.74 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion: 77 Resp: 15854

Ion	Ratio	Lower	Upper
77	100		
123	30.4	25.1	37.7
65	10.7	9.9	14.9



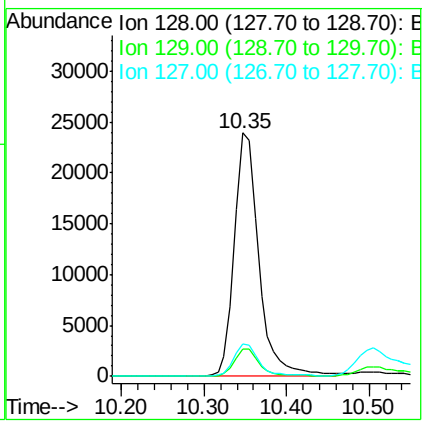


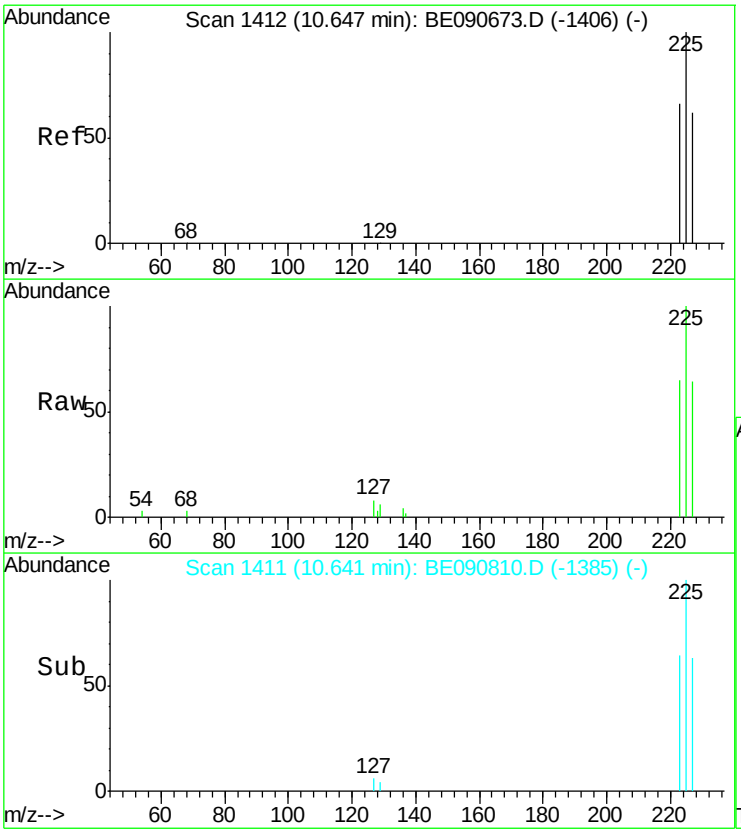
#9
Naphthalene
Concen: 0.87 ng
RT: 10.35 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 48521

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.6	15.8

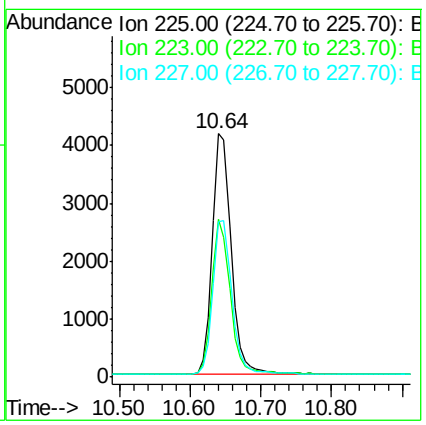


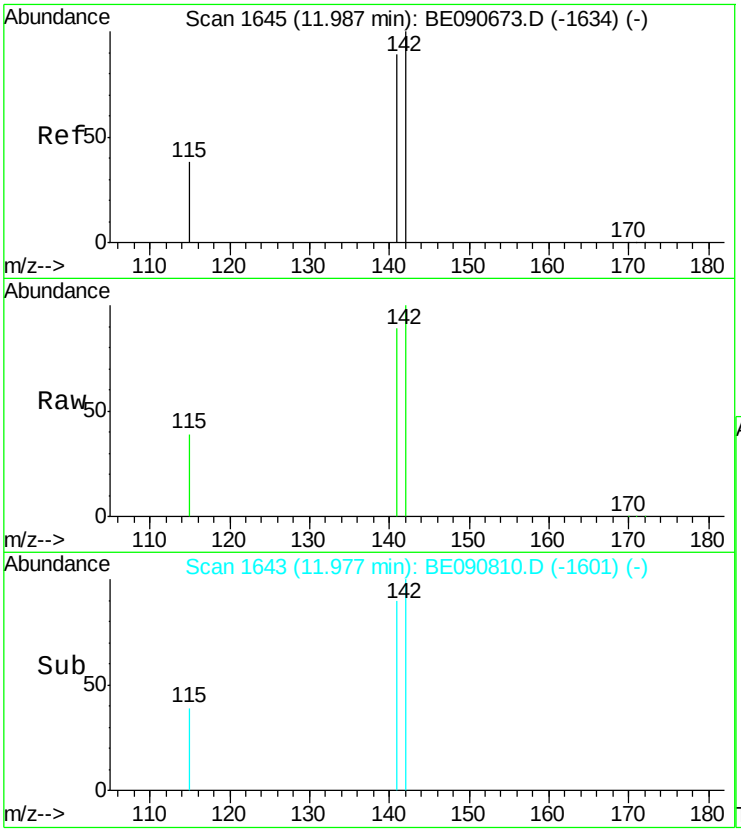


#10
Hexachlorobutadiene
Concen: 0.89 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:225 Resp: 7723

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	64.2	51.0	76.6



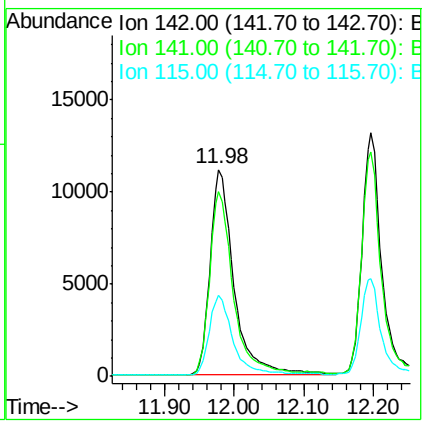


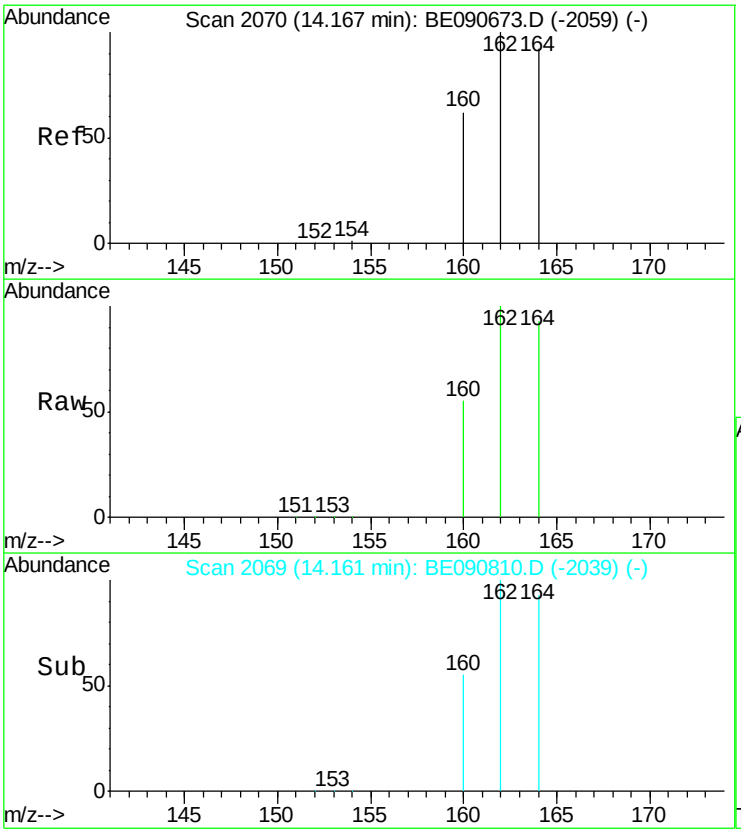
#11
2-Methylnaphthalene
Concen: 0.89 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 26607

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	39.1	31.0	46.4

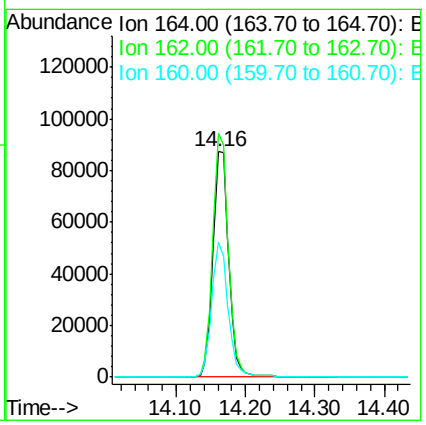


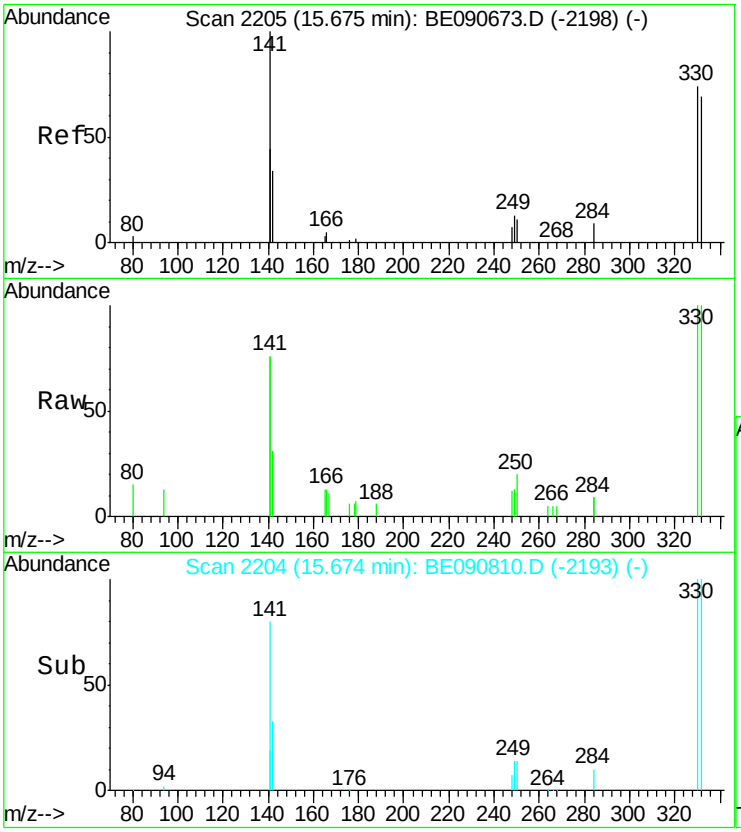


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:164 Resp: 135547

Ion	Ratio	Lower	Upper
164	100		
162	107.9	86.8	130.2
160	59.5	53.9	80.9



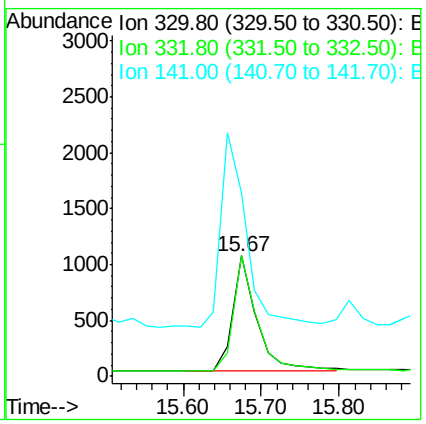


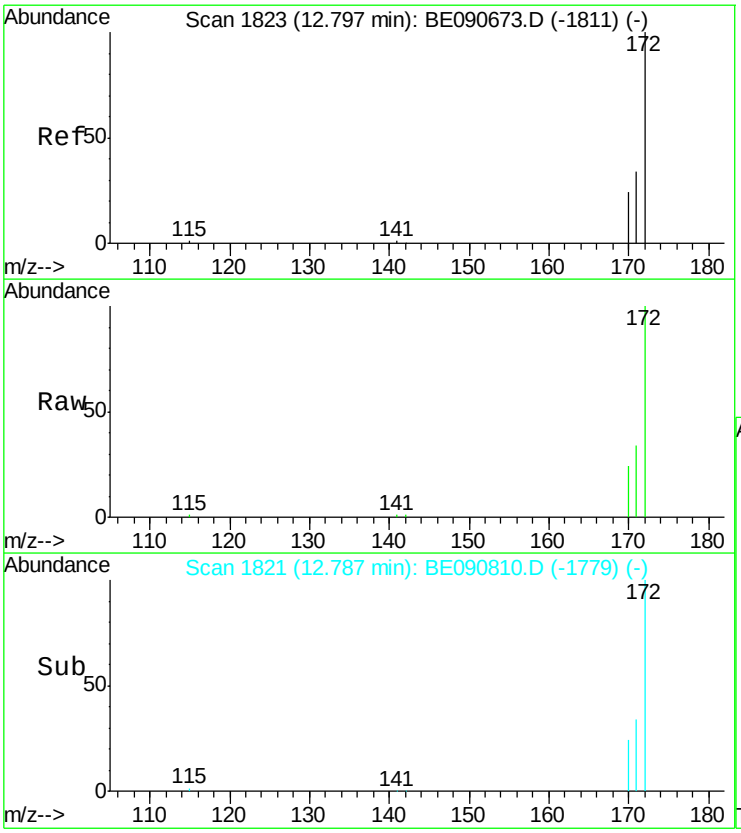
#13
2,4,6-Tribromophenol
Concen: 0.71 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 2253

Ion	Ratio	Lower	Upper
330	100		
332	98.2	74.9	112.3
141	176.7	145.2	217.8

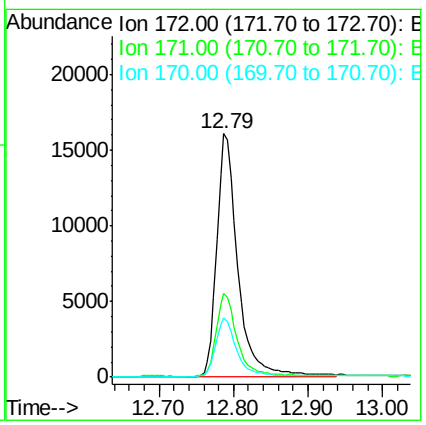


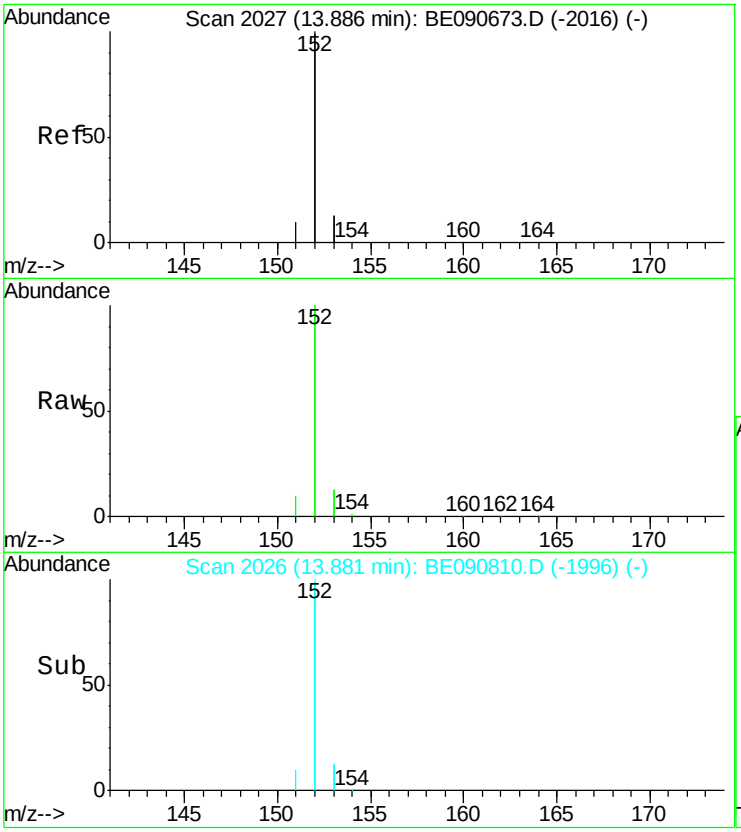


#14
2-Fluorobiphenyl
Concen: 0.83 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:172 Resp: 31217

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.8
170	24.1	19.8	29.6



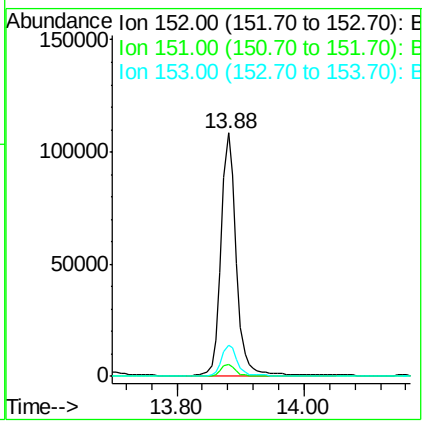


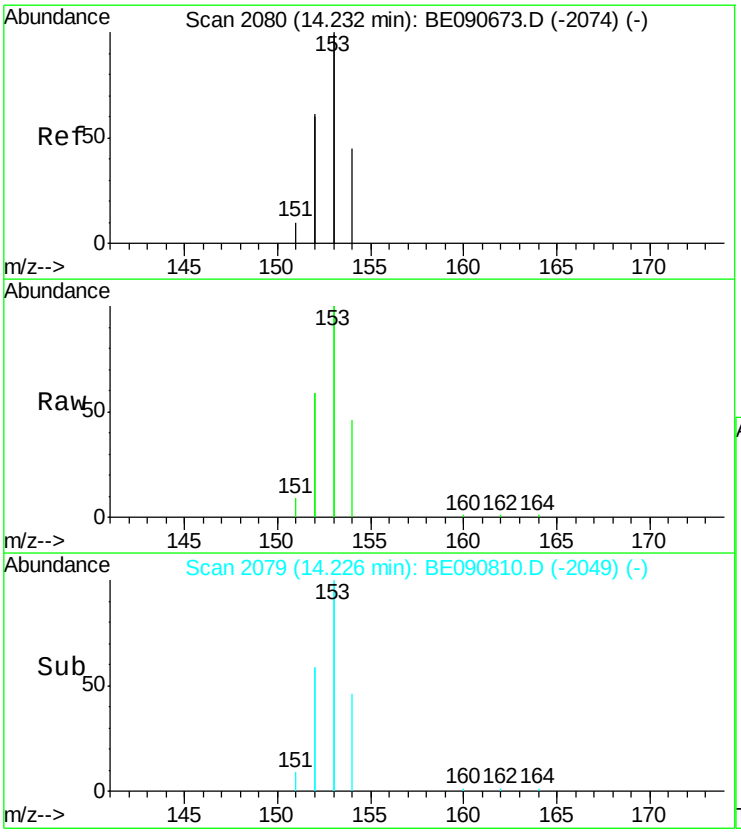
#15
Acenaphthylene
Concen: 0.83 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 179239

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.3	15.5

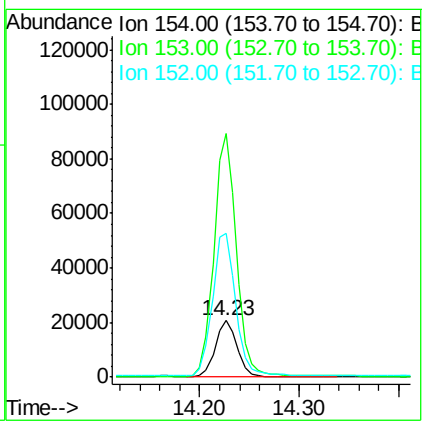


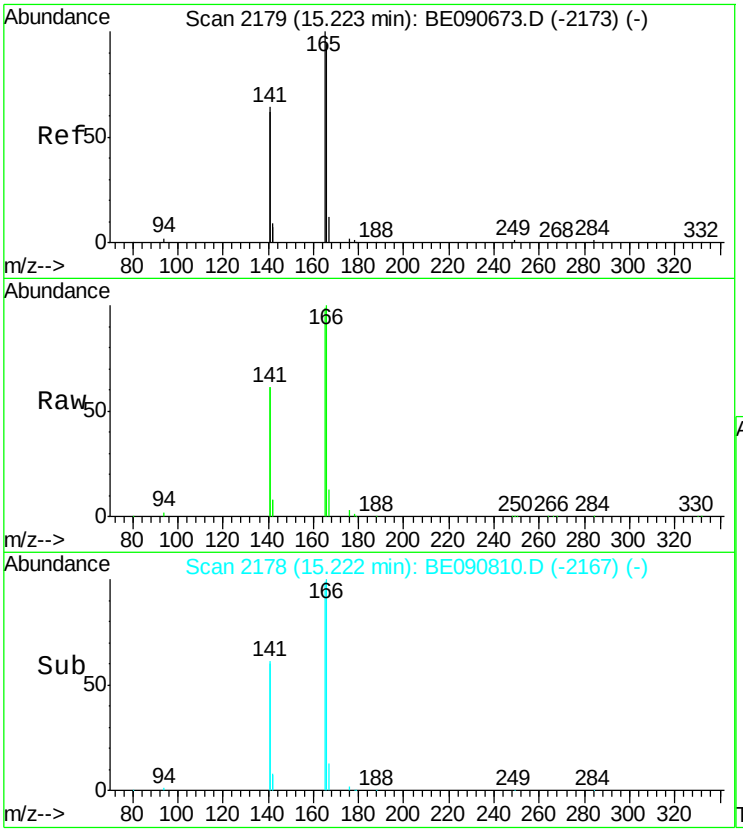


#16
Acenaphthene
Concen: 0.86 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:154 Resp: 31136

Ion	Ratio	Lower	Upper
154	100		
153	442.8	354.5	531.7
152	272.9	227.8	341.6



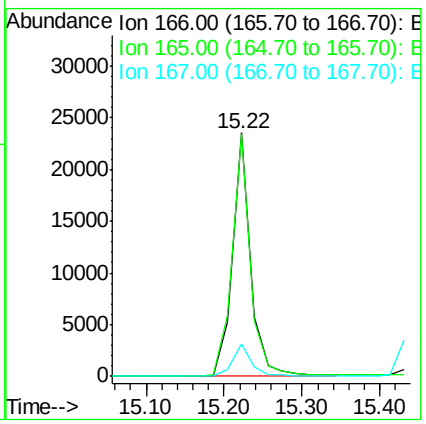


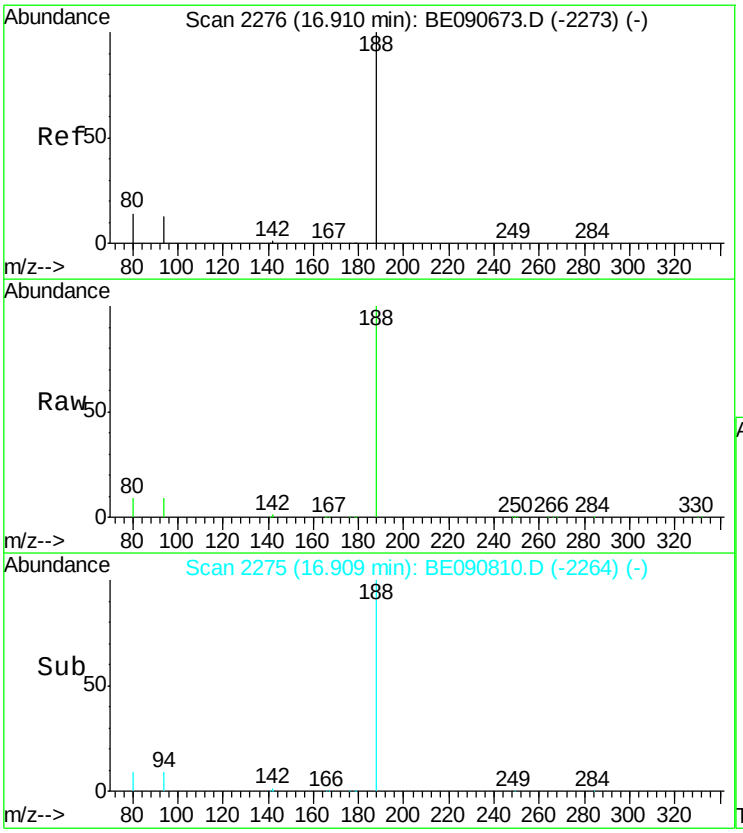
#17
Fluorene
Concen: 0.84 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 37825

Ion	Ratio	Lower	Upper
166	100		
165	100.2	82.7	124.1
167	13.1	10.7	16.1

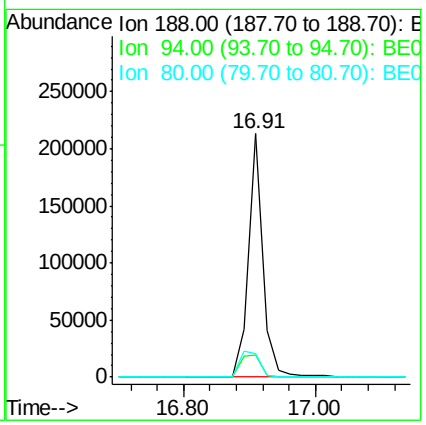


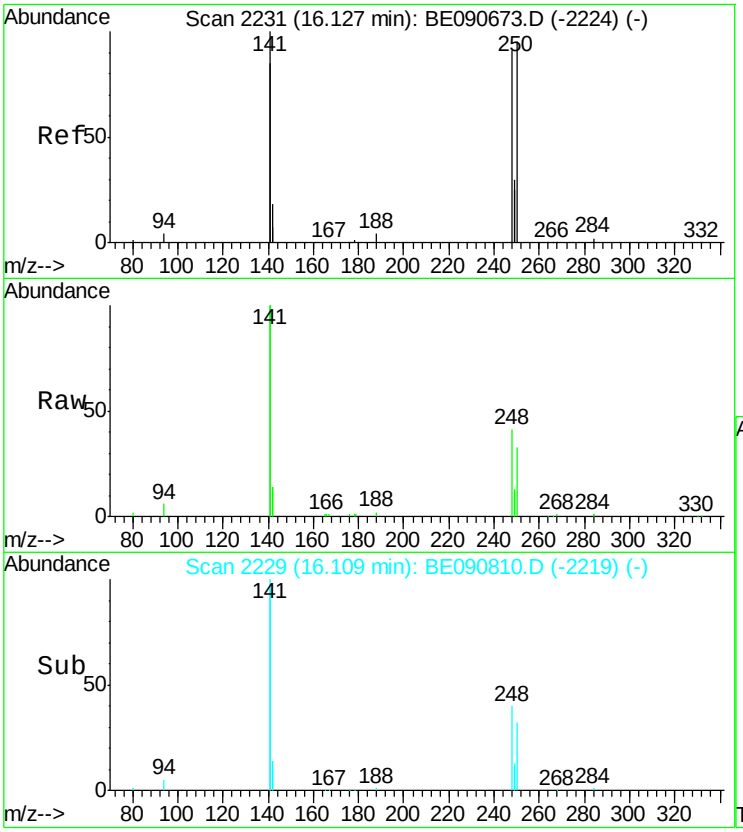


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:188 Resp: 322240

Ion	Ratio	Lower	Upper
188	100		
94	9.0	10.3	15.5#
80	9.4	11.0	16.6#



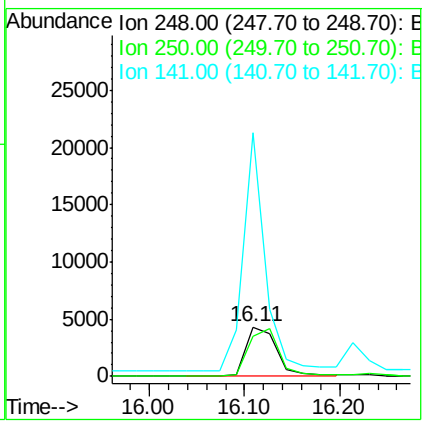


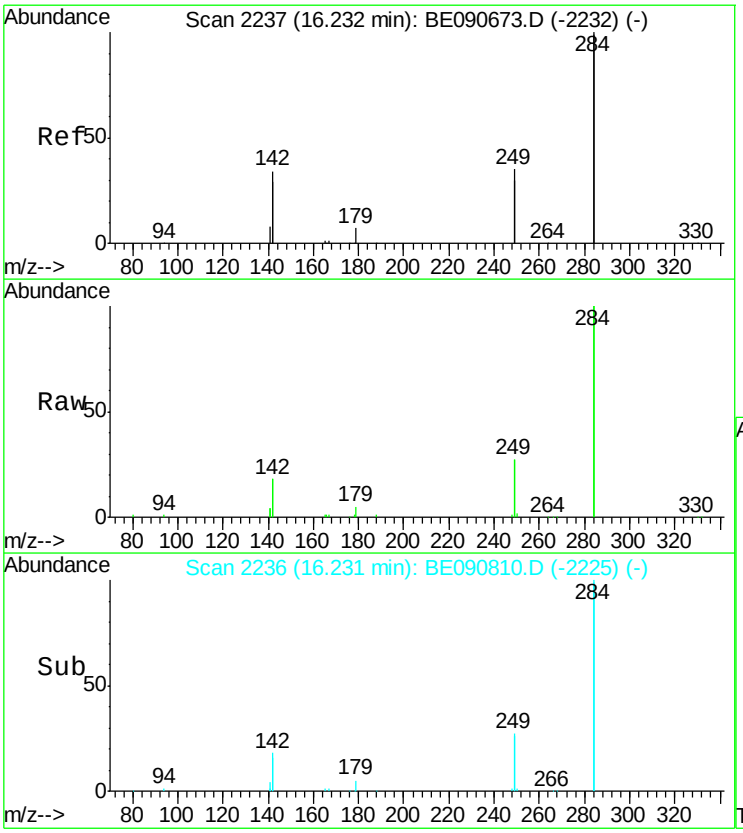
#19
4-Bromophenyl-phenylether
Concen: 0.85 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 9332

Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.7	115.1
141	355.2	292.6	439.0

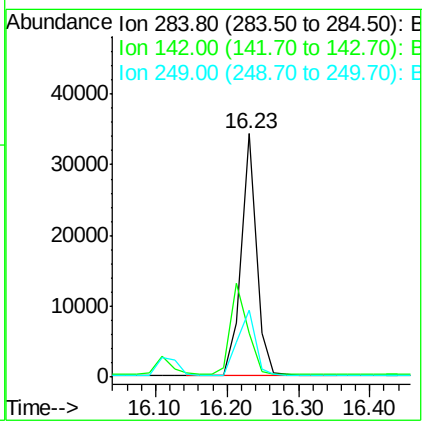


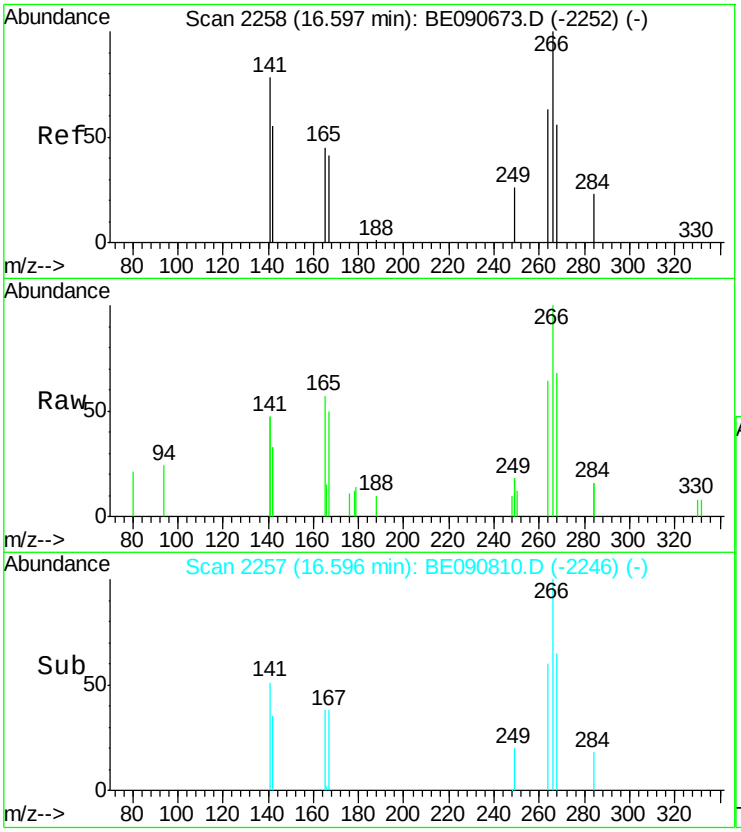


#20
Hexachlorobenzene
Concen: 0.86 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:284 Resp: 50693

Ion	Ratio	Lower	Upper
284	100		
142	41.5	35.0	52.4
249	31.3	25.5	38.3



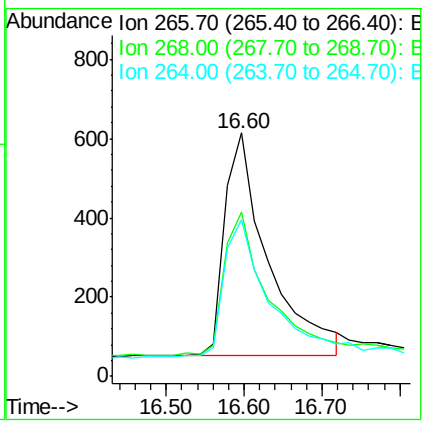


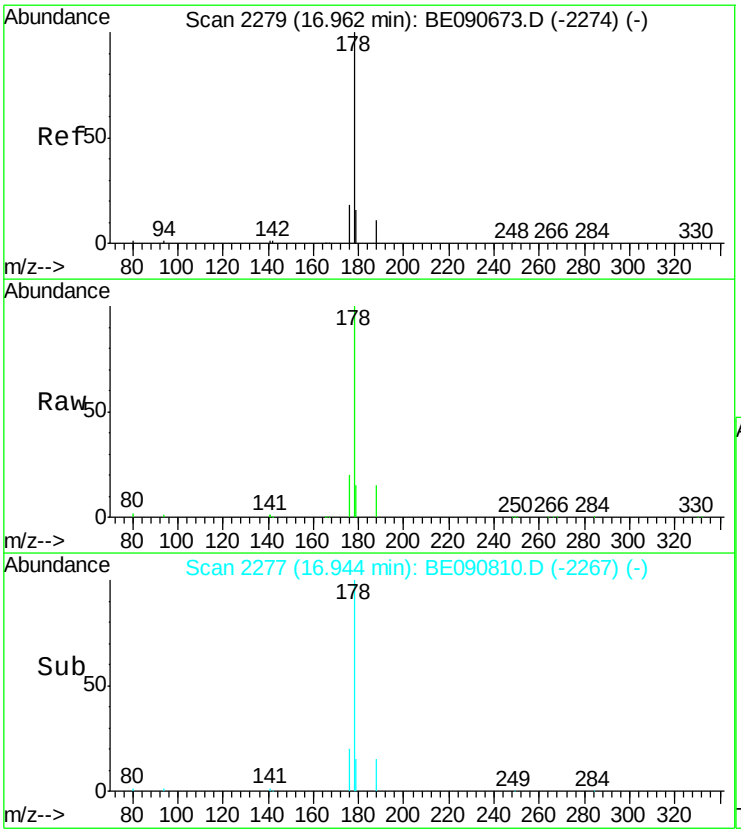
#21
Pentachlorophenol
Concen: 0.92 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 2168

Ion	Ratio	Lower	Upper
266	100		
268	67.8	49.6	74.4
264	64.2	53.9	80.9

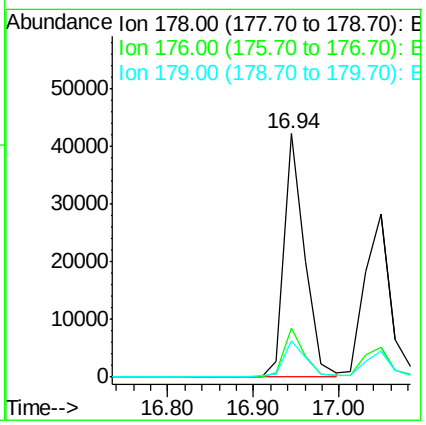


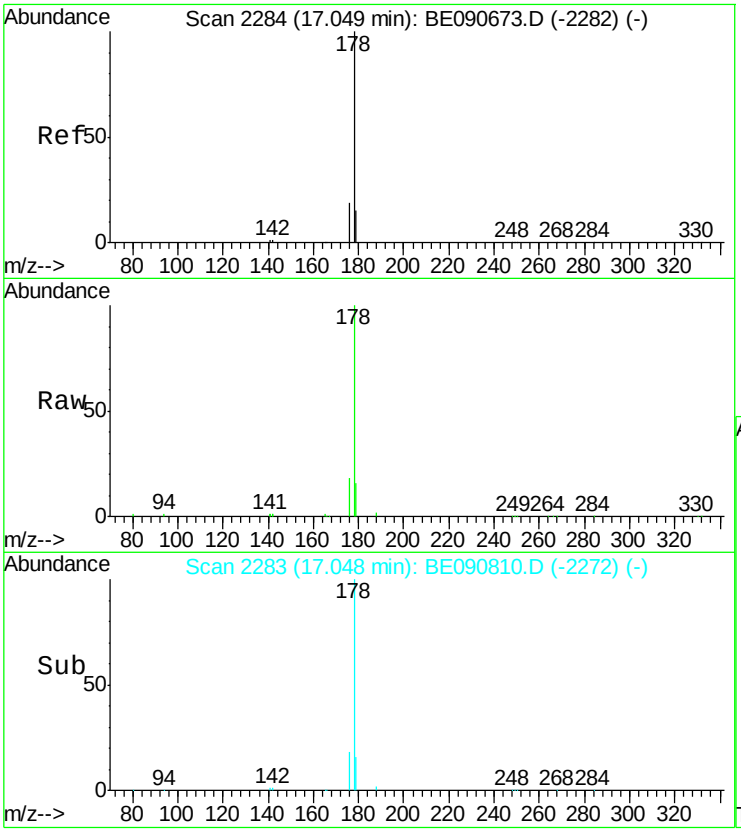


#22
Phenanthrene
Concen: 0.89 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:178 Resp: 70926

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.8	12.8	19.2



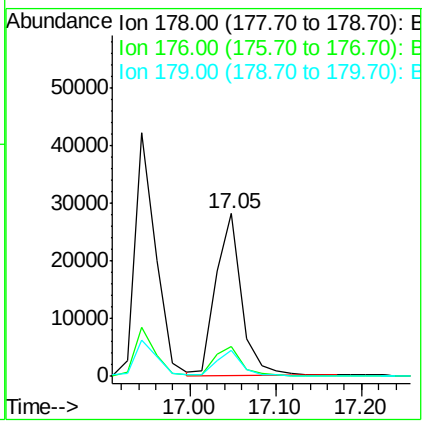


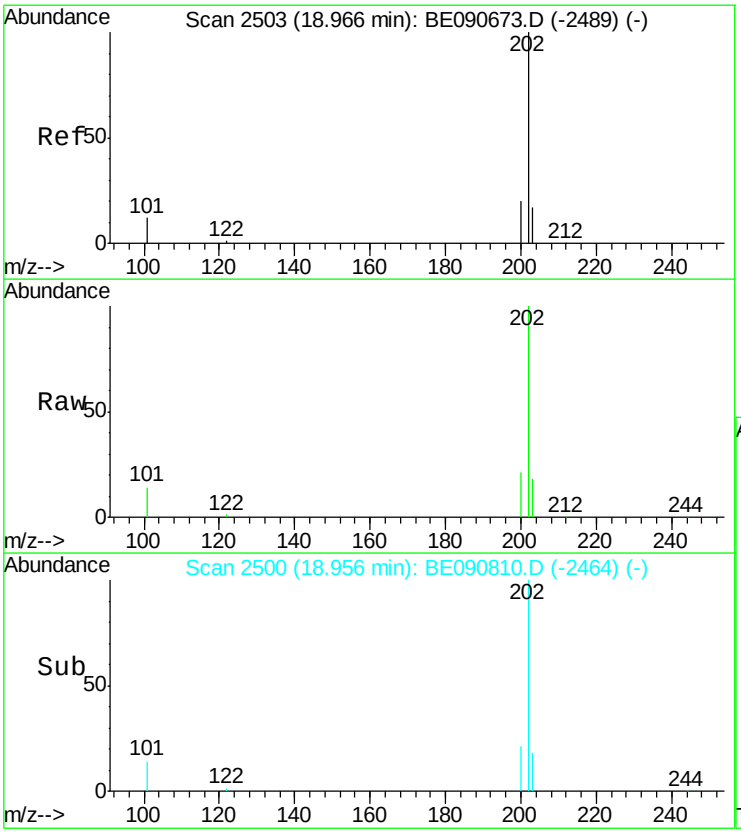
#23
Anthracene
Concen: 0.88 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 58436

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.2	12.3	18.5

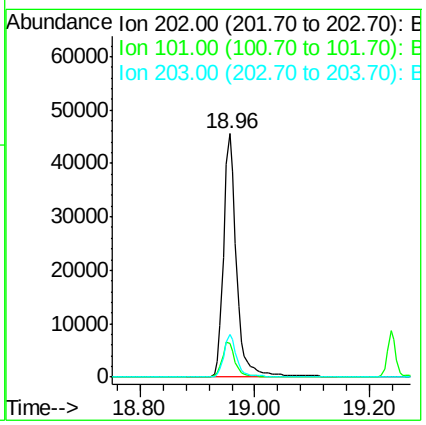


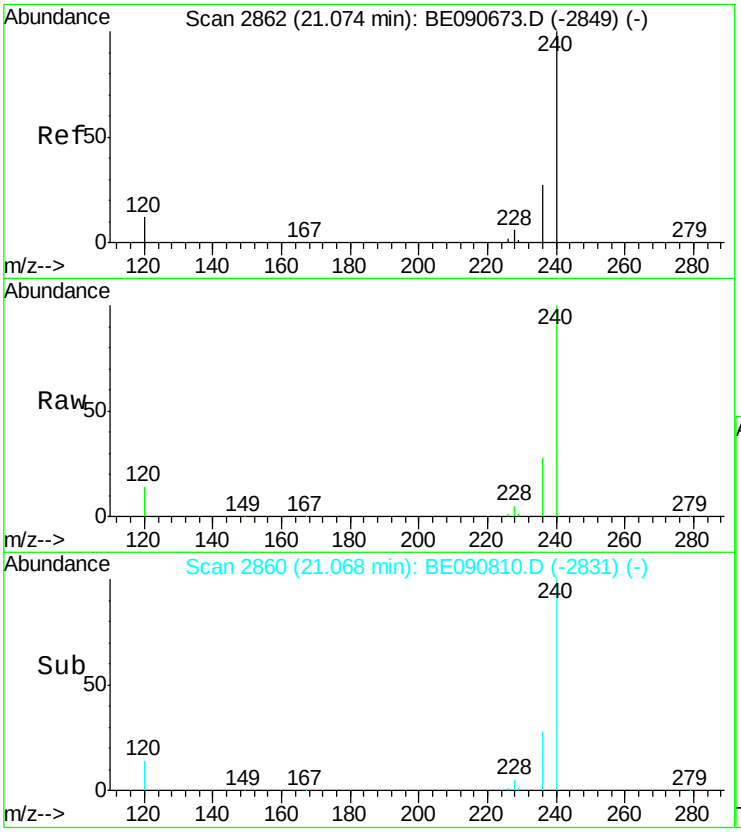


#24
Fluoranthene
Concen: 0.85 ng
RT: 18.96 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:202 Resp: 71377

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.6
203	17.2	13.9	20.9



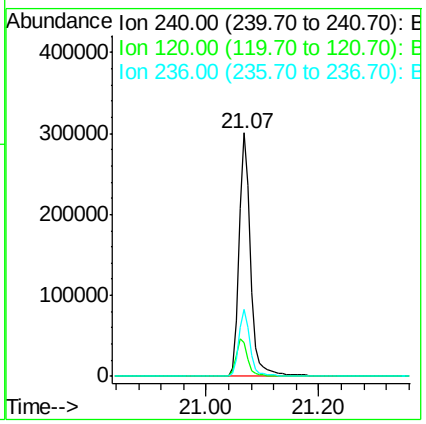


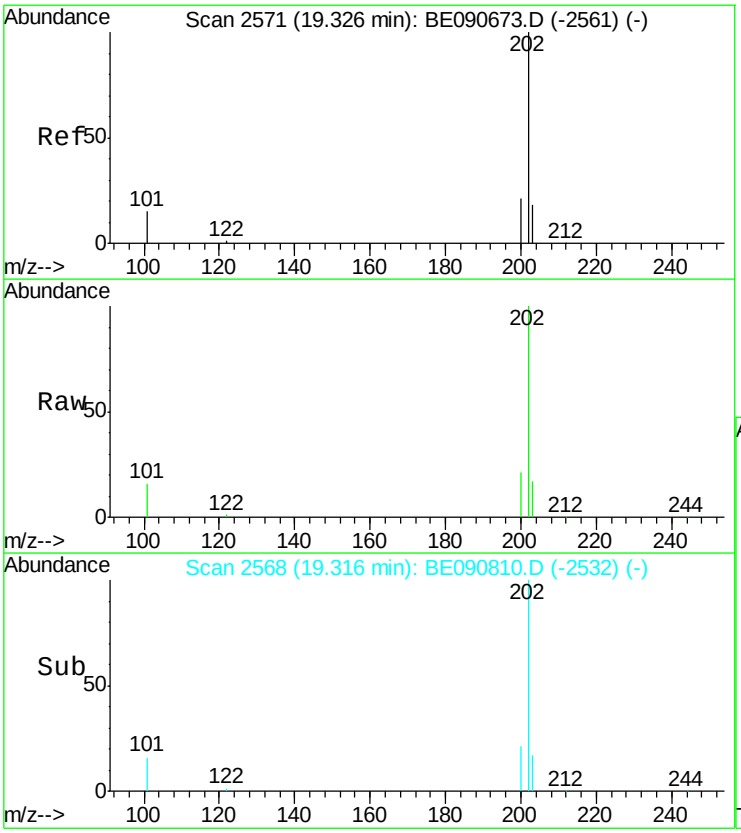
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 421936

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.1	15.1
236	27.6	21.9	32.9

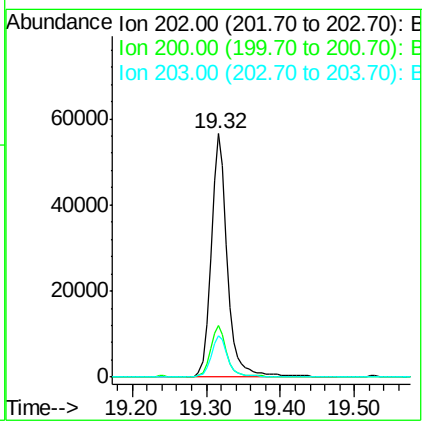


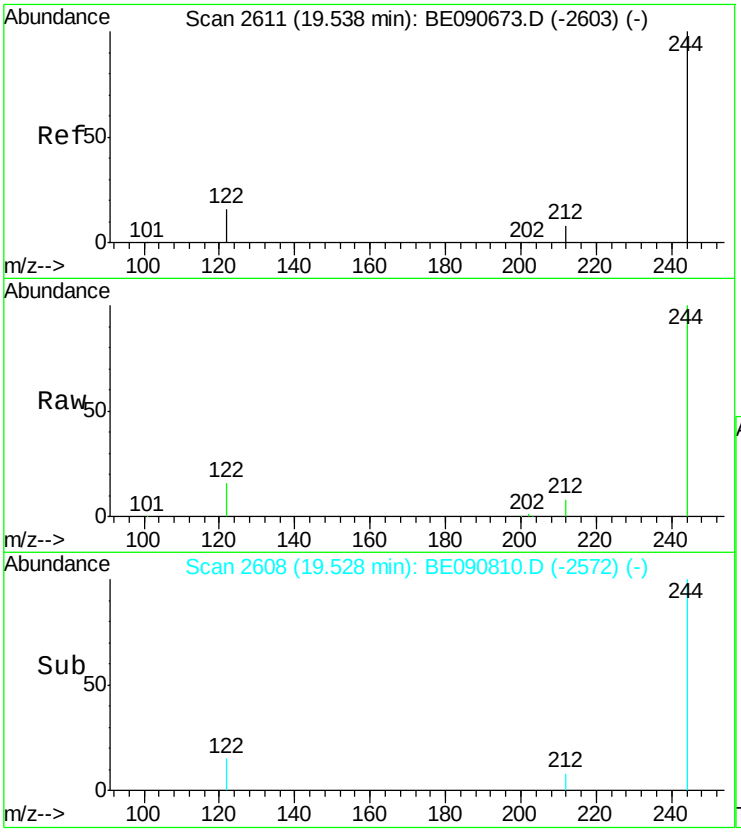


#26
Pyrene
Concen: 0.98 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:202 Resp: 85334

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	13.8	20.6



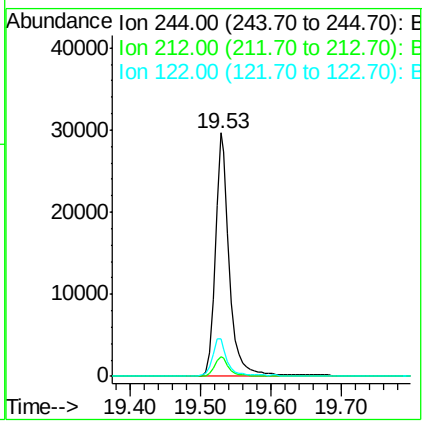


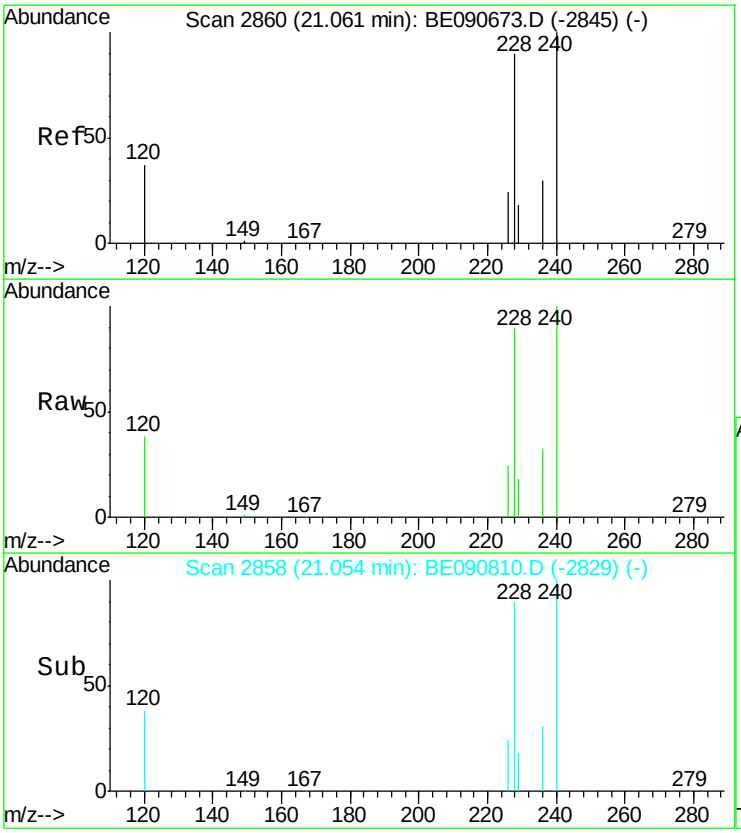
#27
Terphenyl-d14
Concen: 0.90 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 41913

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.5	12.9	19.3

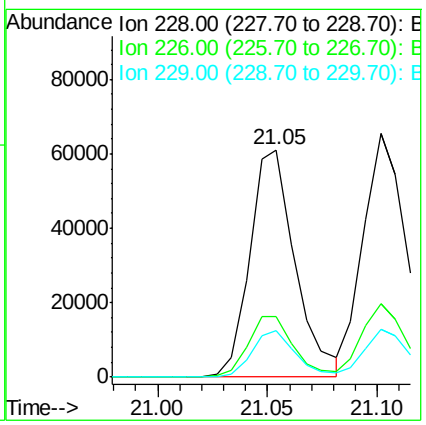


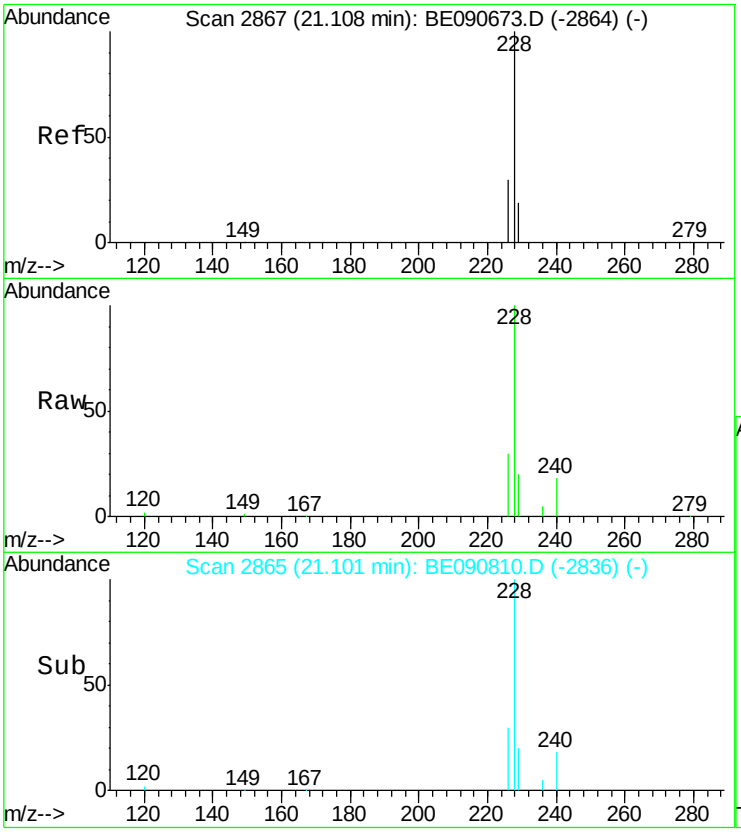


#28
Benzo(a)anthracene
Concen: 0.93 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:228 Resp: 87318

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.6	32.4
229	20.4	15.9	23.9



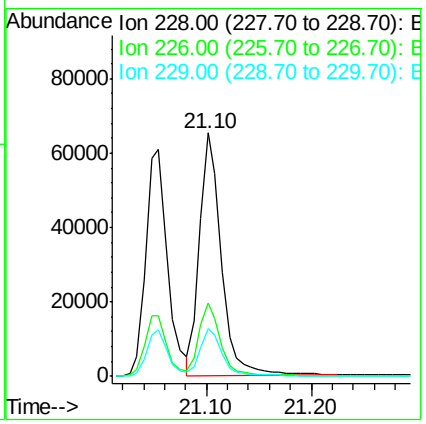


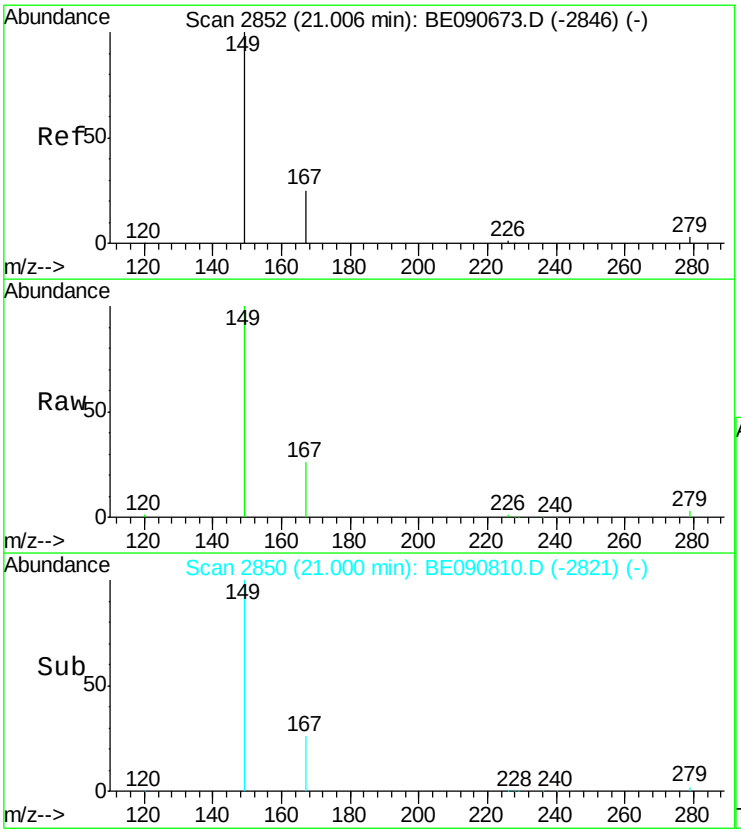
#29
Chrysene
Concen: 0.90 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 93656

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.6	15.3	22.9

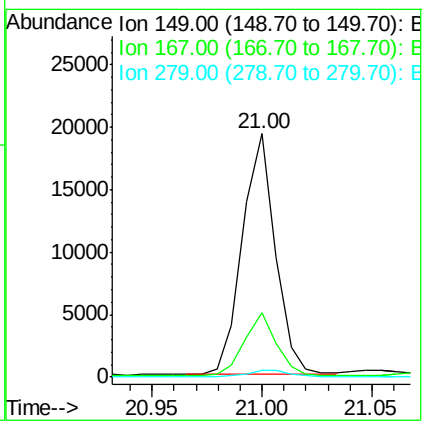


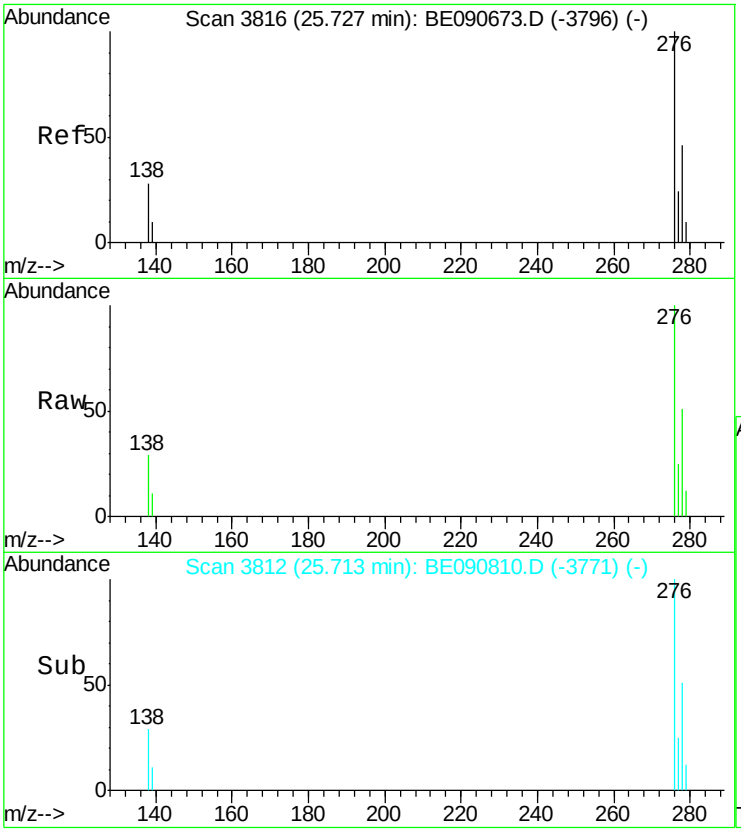


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.86 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:149 Resp: 20342

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.1	30.1
279	2.9	2.3	3.5



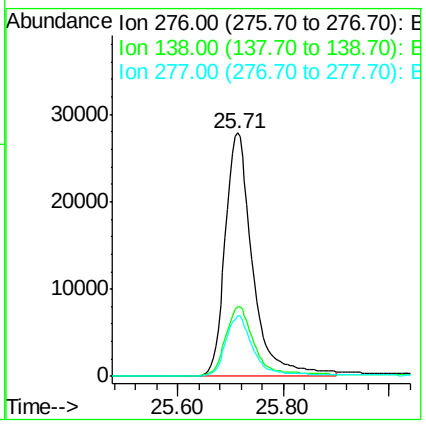


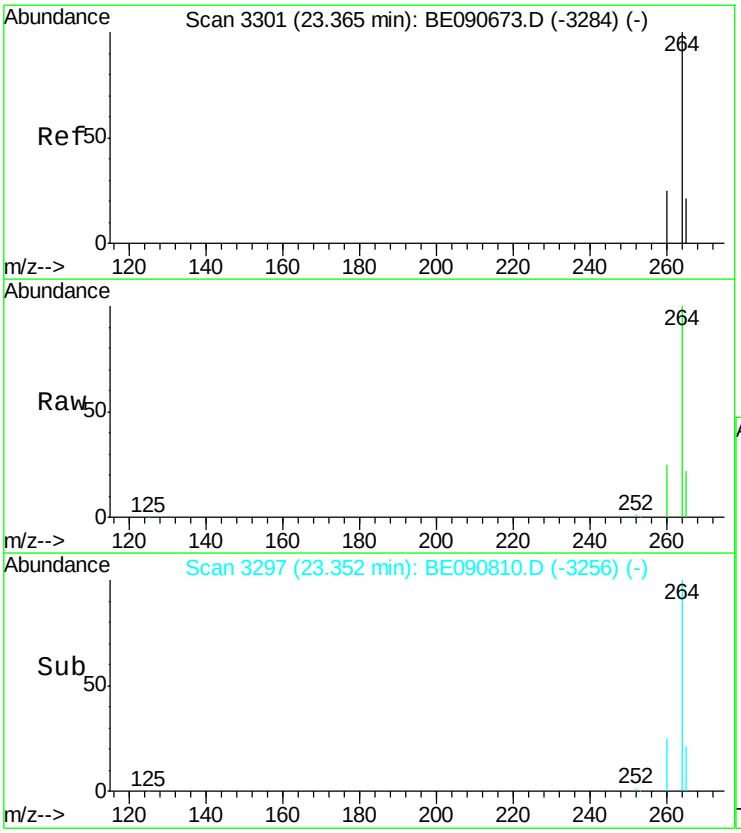
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng
RT: 25.71 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 100151

Ion	Ratio	Lower	Upper
276	100		
138	30.0	23.3	34.9
277	25.0	19.8	29.6

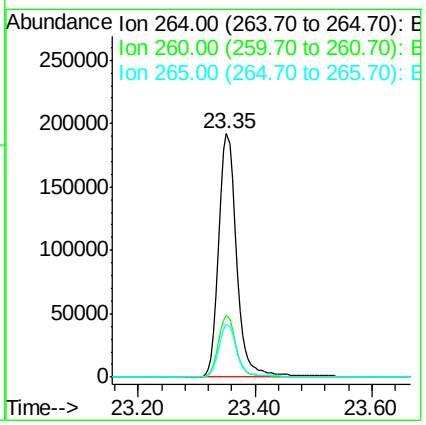


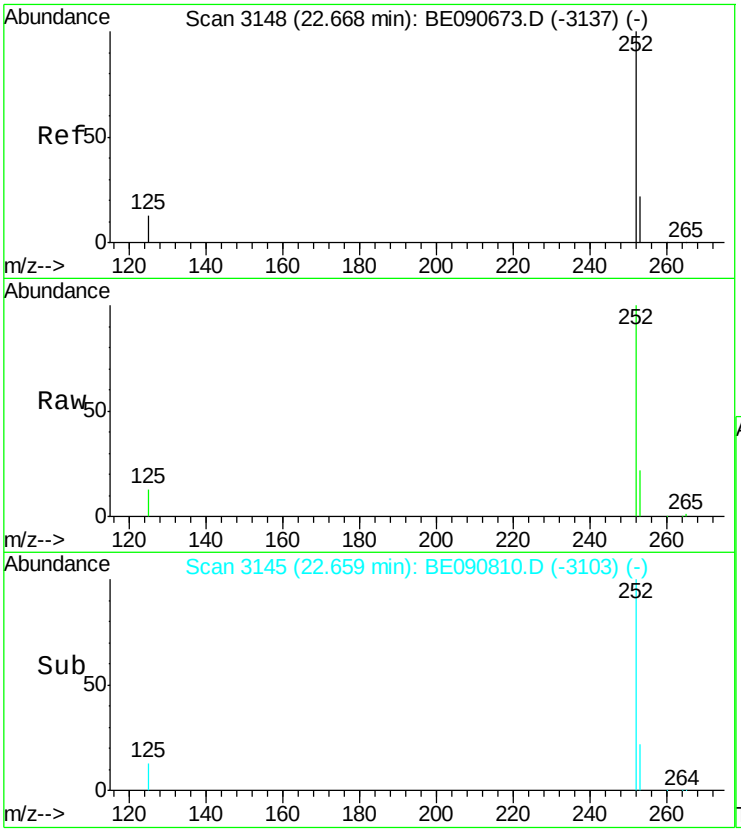


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:264 Resp: 403871

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.5	17.5	26.3



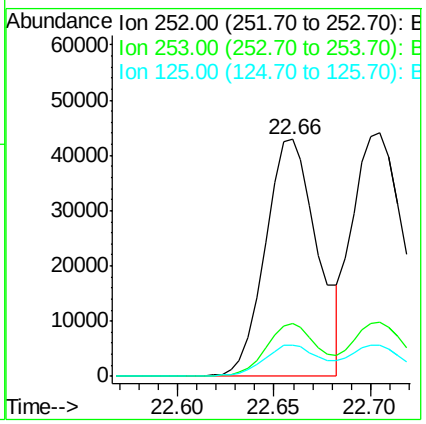


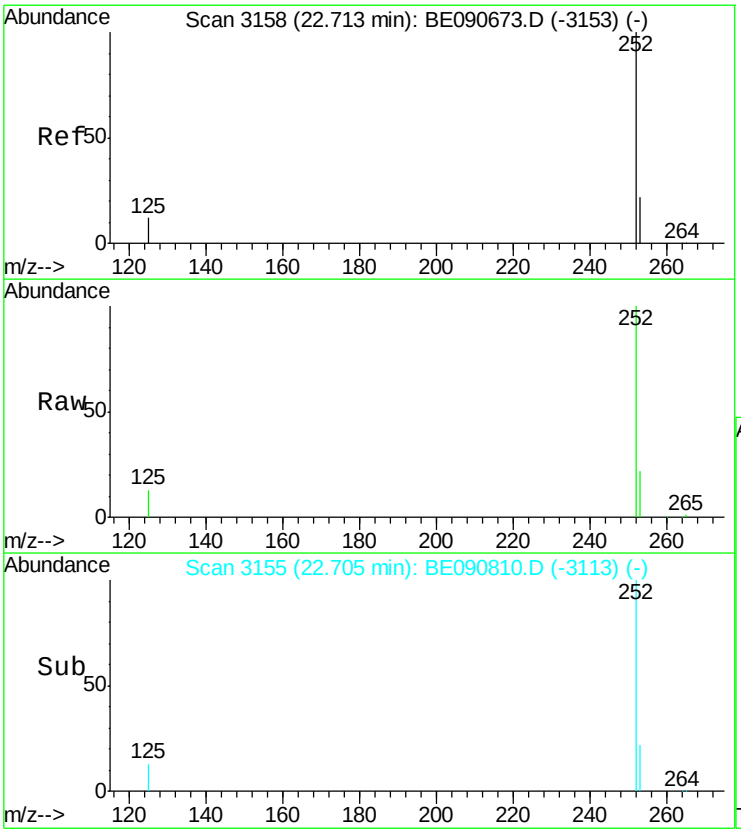
#33
Benzo(b)fluoranthene
Concen: 0.92 ng
RT: 22.66 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 80184

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.4	10.6	16.0

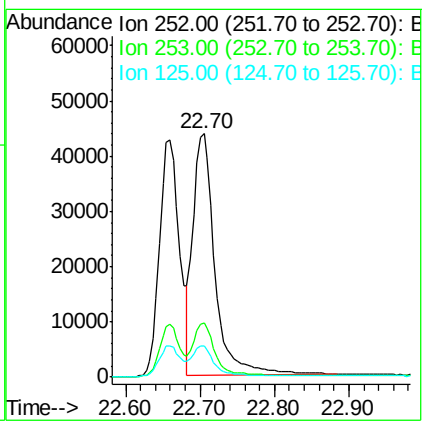


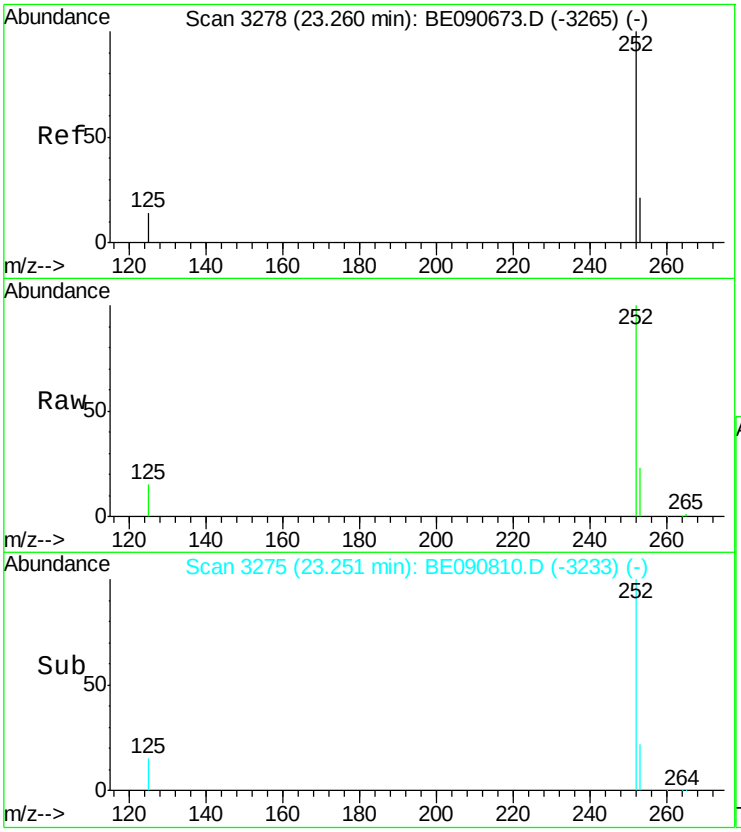


#34
Benzo(k)fluoranthene
Concen: 0.88 ng
RT: 22.70 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:252 Resp: 89995

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.9	10.1	15.1



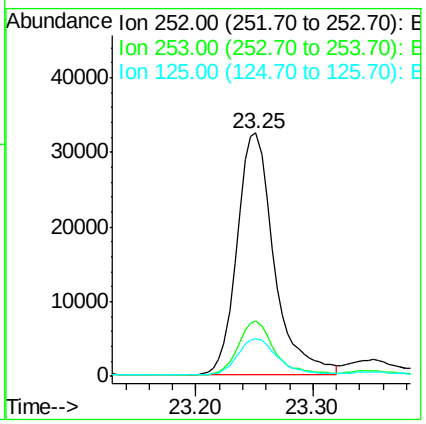


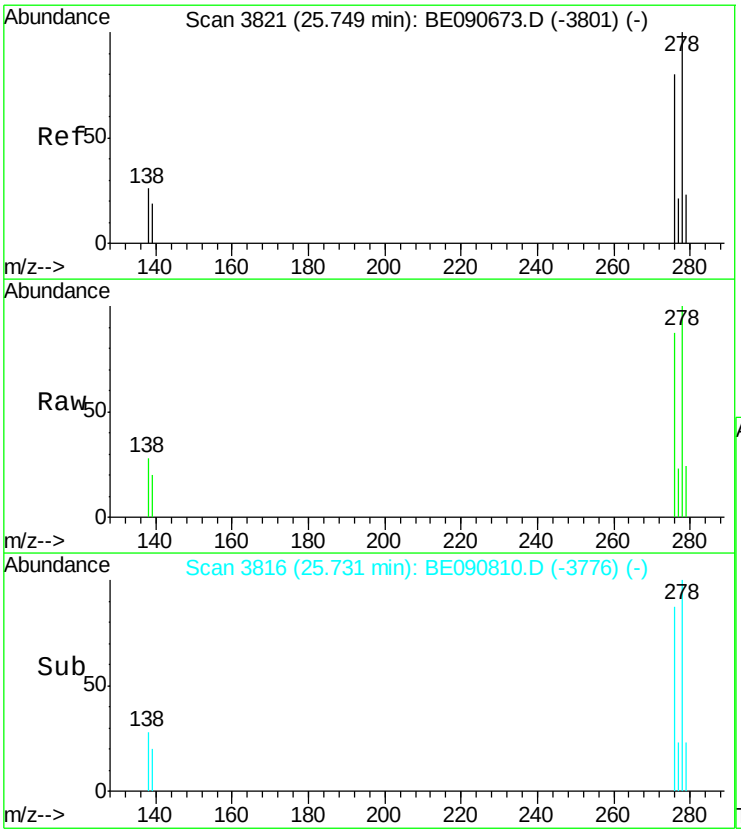
#35
Benzo(a)pyrene
Concen: 0.91 ng
RT: 23.25 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 71205

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.2	11.6	17.4

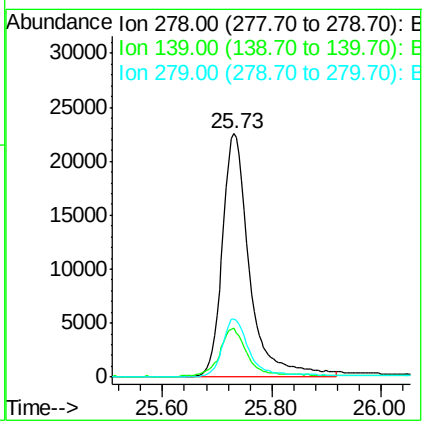


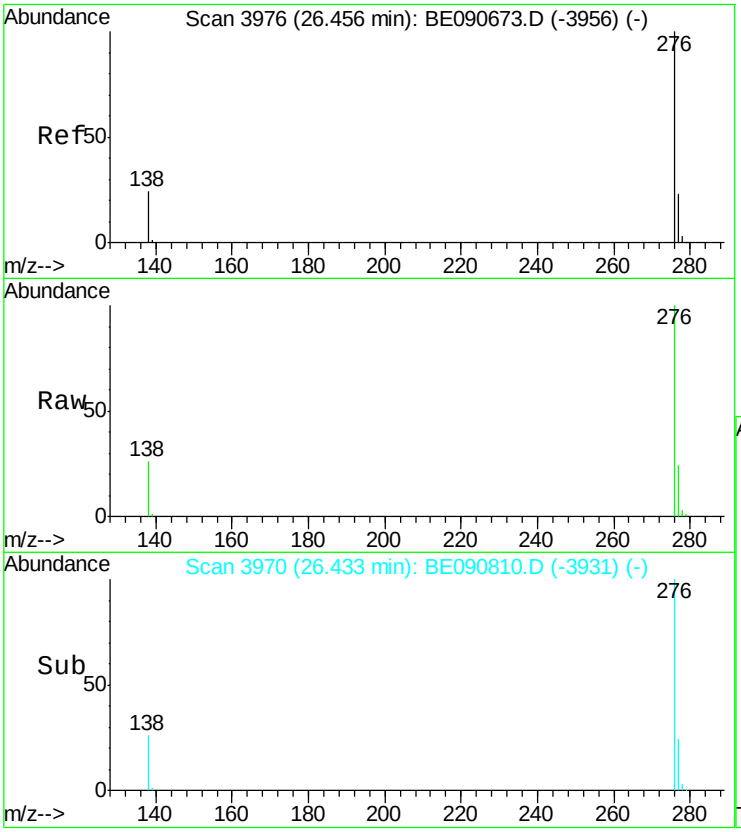


#36
Dibenzo(a,h)anthracene
Concen: 0.93 ng
RT: 25.73 min Scan# 3816
Delta R.T. -0.02 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Tgt Ion:278 Resp: 77433

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.4	23.0
279	23.8	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 0.86 ng
RT: 26.43 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BE090810.D
Acq: 14 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 77400

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	26.2	20.1	30.1