Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
Data File : BE090728.D
Acq On : 4 Sep 2015 14:00
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Sep 04 14:33:07 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	46612	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	217590	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	117343	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	276204	5.00	ng		0.00
25) Chrysene-d12	21.07	240	336636	5.00	ng		0.00
32) Perylene-d12	23.36	264	316965	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	10773	1.20	ng		0.00
5) Phenol-d6	6.75	99	15067	1.16	ng		0.00
7) Nitrobenzene-d5	8.70	82	14608	1.02	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	4058	1.31	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	32776	1.01	ng		0.00
27) Terphenyl-d14	19.53	244	43189	1.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	6778	0.97	ng		96
3) n-Nitrosodimethylamine	3.45	42	8318	0.94	ng	#	92
8) Nitrobenzene	8.74	77	15685	0.98	ng		99
9) Naphthalene	10.35	128	47560	1.00	ng		100
10) Hexachlorobutadiene	10.65	225	7068	0.95	ng		99
11) 2-Methylnaphthalene	11.98	142	29472	1.15	ng		99
15) Acenaphthylene	13.88	152	201410	1.07	ng		100
16) Acenaphthene	14.23	154	31758	1.01	ng		91
17) Fluorene	15.22	166	39322	1.01	ng		98
19) 4-Bromophenyl-phenylether	16.13	248	10426	1.11	ng		95
20) Hexachlorobenzene	16.23	284	50667	1.03	ng		98
21) Pentachlorophenol	16.60	266	3739	1.38	ng		98
22) Phenanthrene	16.94	178	72071	1.05	ng		99
23) Anthracene	17.05	178	64022	1.12	ng		99
24) Fluoranthene	18.96	202	78909	1.10	ng		99
26) Pyrene	19.32	202	83624	1.20	ng		100
28) Benzo(a)anthracene	21.05	228	81680	1.09	ng		99
29) Chrysene	21.11	228	90341	1.10	ng		98
30) Bis(2-ethylhexyl)phthalate	21.00	149	30396	1.50	ng		99
31) Indeno(1,2,3-cd)pyrene	25.72	276	90947	1.14	ng		98
33) Benzo(b)fluoranthene	22.66	252	71863	1.05	ng		99
34) Benzo(k)fluoranthene	22.71	252	87149	1.09	ng		99
35) Benzo(a)pyrene	23.25	252	70517	1.15	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	71256	1.06	ng		98
37) Benzo(g,h,i)perylene	26.44	276	75153	1.06	ng		98

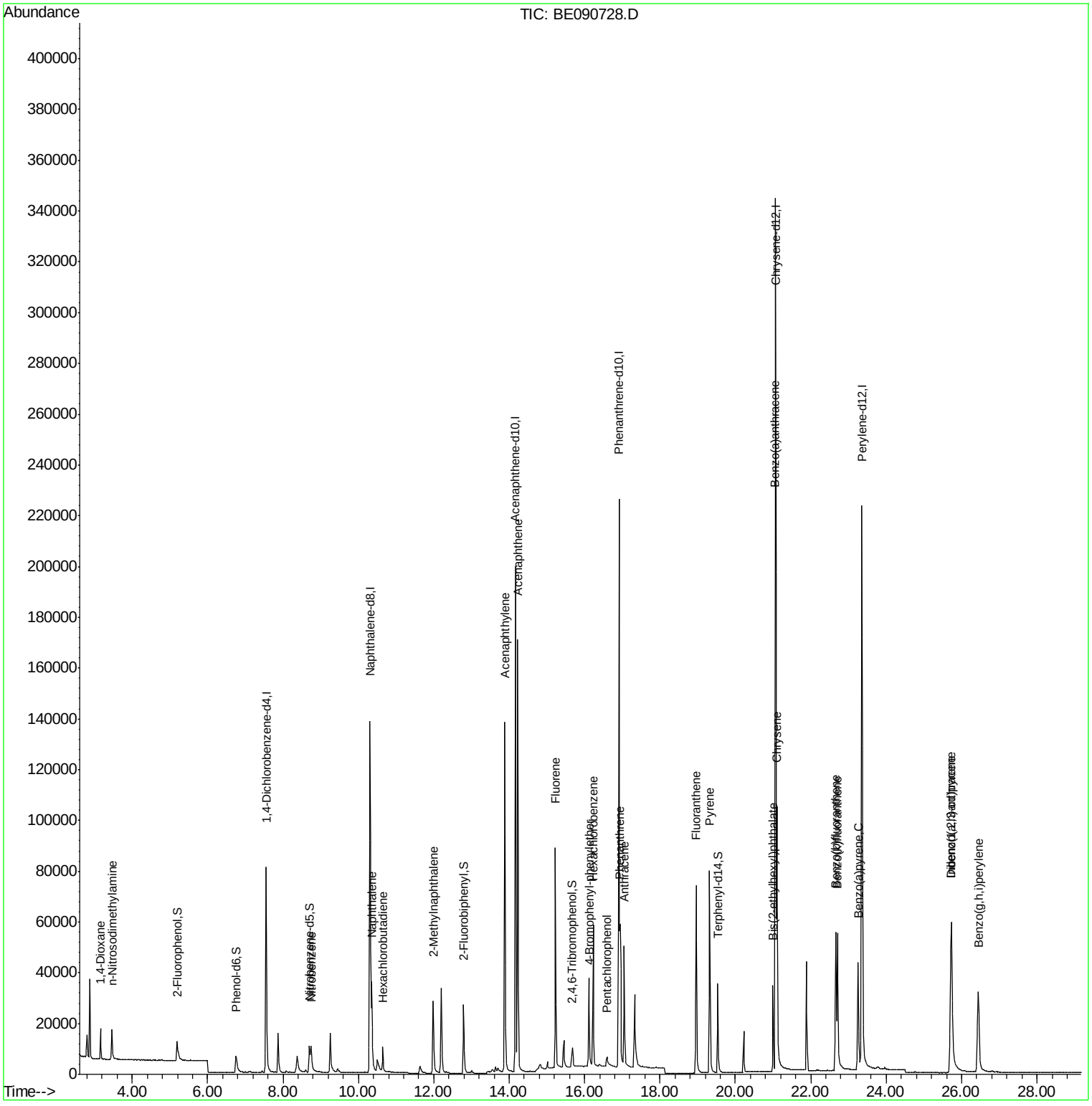
(#) = qualifier out of range (m) = manual integration (+) = signals summed

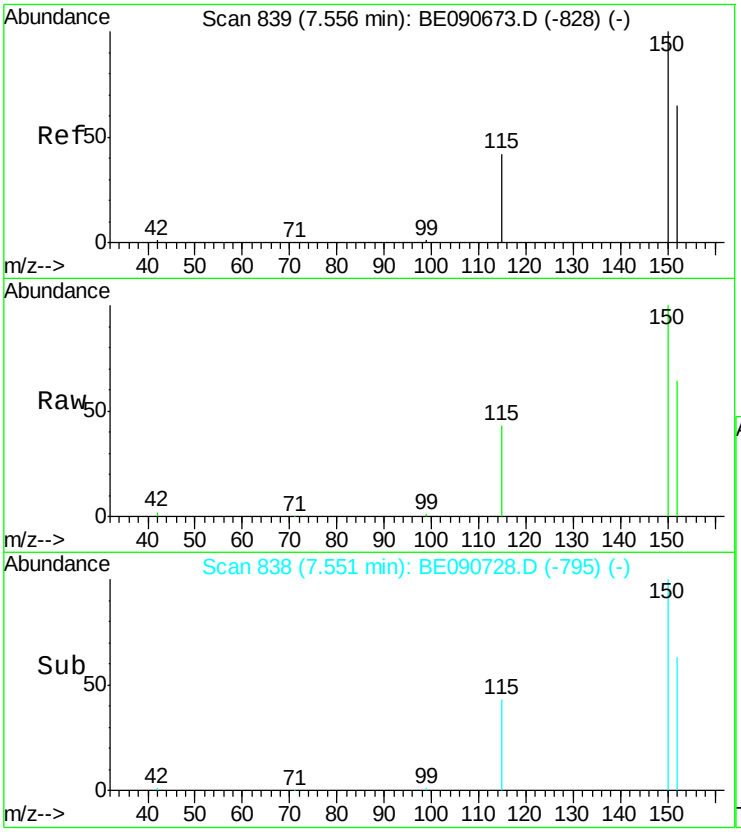
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
Data File : BE090728.D
Acq On : 4 Sep 2015 14:00
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Sep 04 14:33:07 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



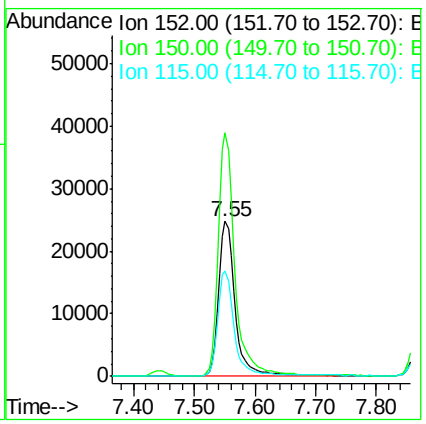


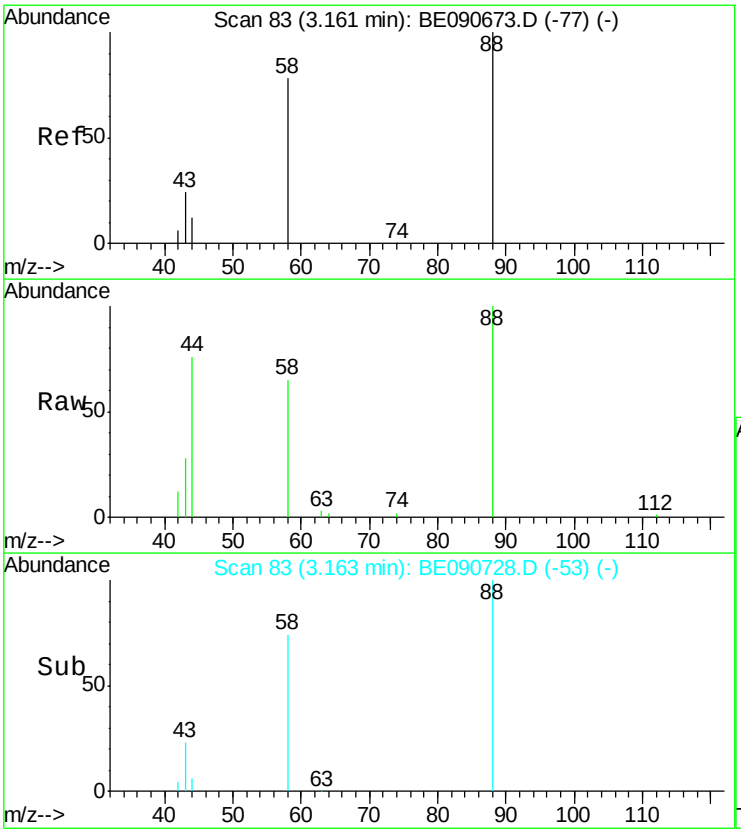
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 46612

Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.2	183.4
115	68.0	51.0	76.4

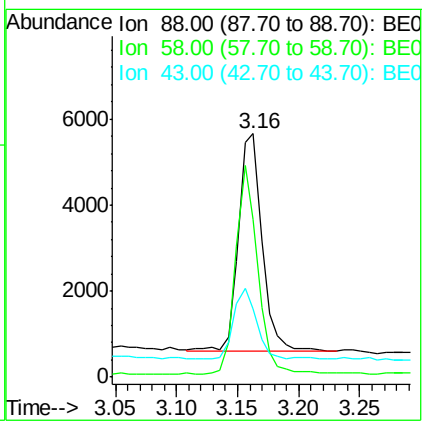


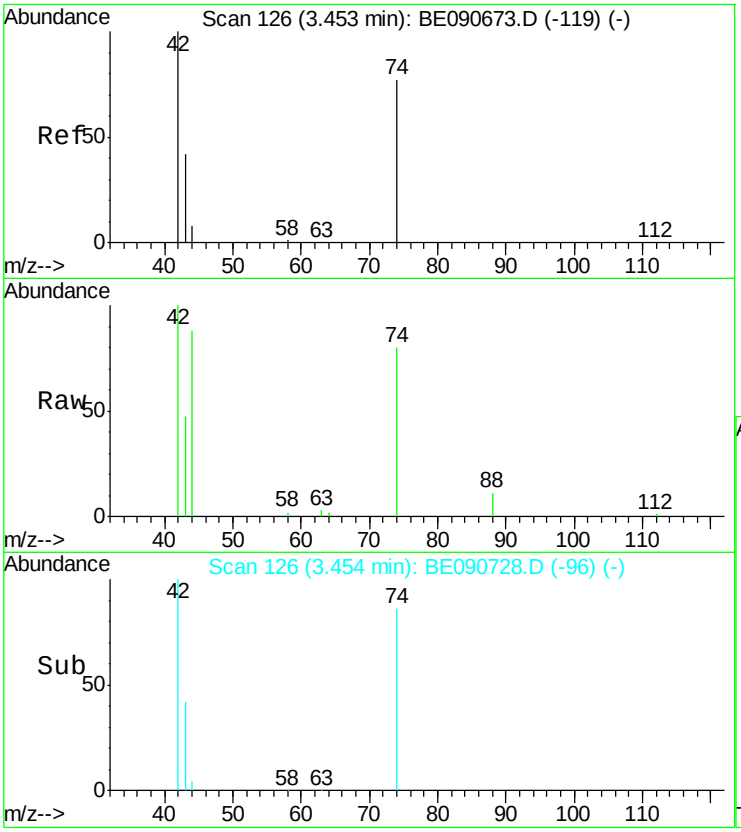


#2
1,4-Dioxane
Concen: 0.97 ng
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion: 88 Resp: 6778

Ion	Ratio	Lower	Upper
88	100		
58	89.3	68.4	102.6
43	31.5	26.9	40.3



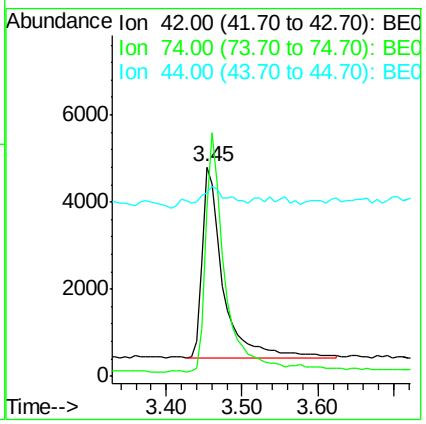


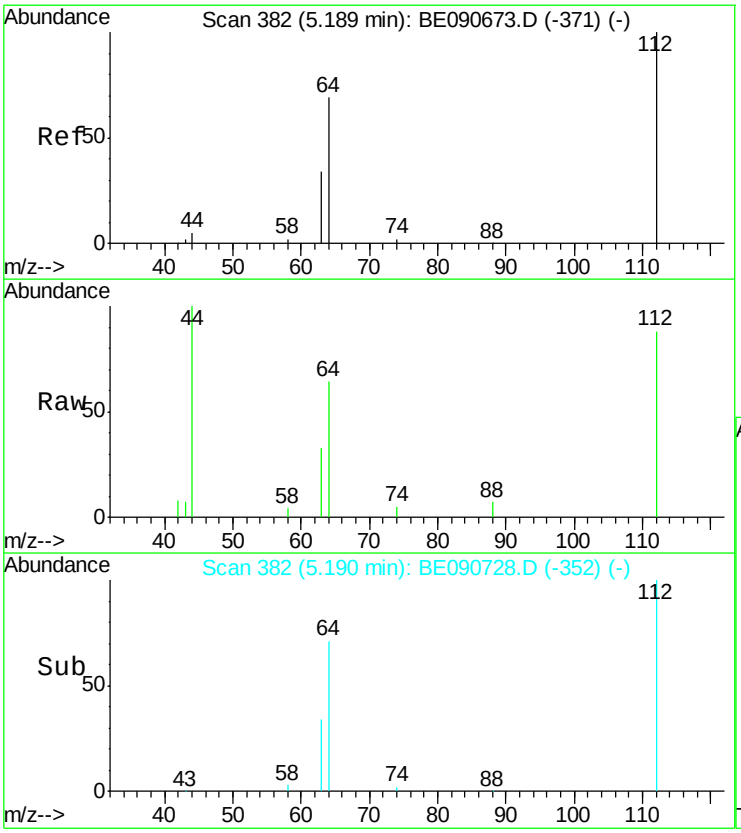
#3
n-Nitrosodimethylamine
Concen: 0.94 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 8318

Ion	Ratio	Lower	Upper
42	100		
74	113.0	83.7	125.5
44	8.6	10.0	15.0#

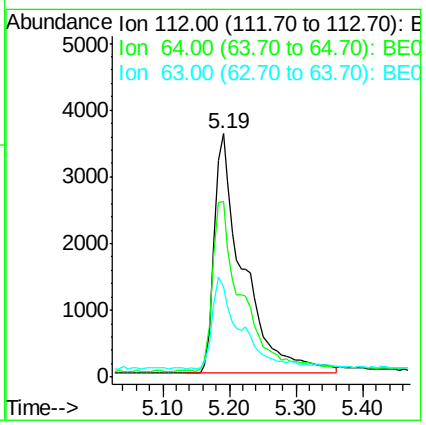


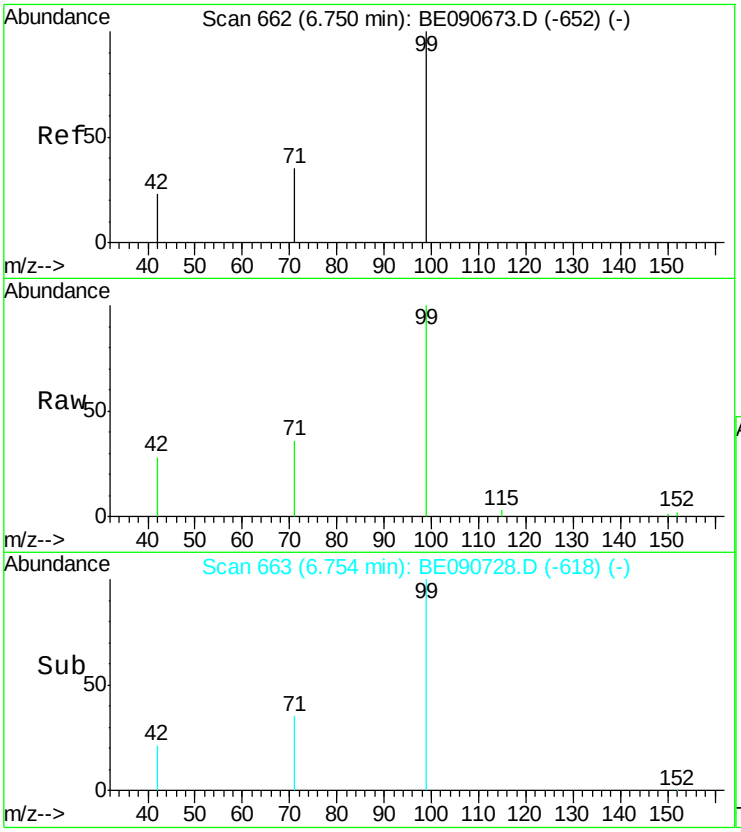


#4
2-Fluorophenol
Concen: 1.20 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:112 Resp: 10773

Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.3	85.9
63	36.8	29.2	43.8



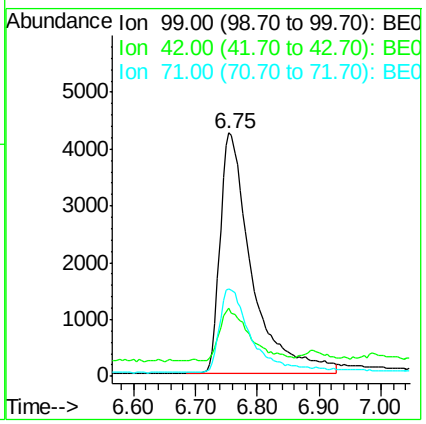


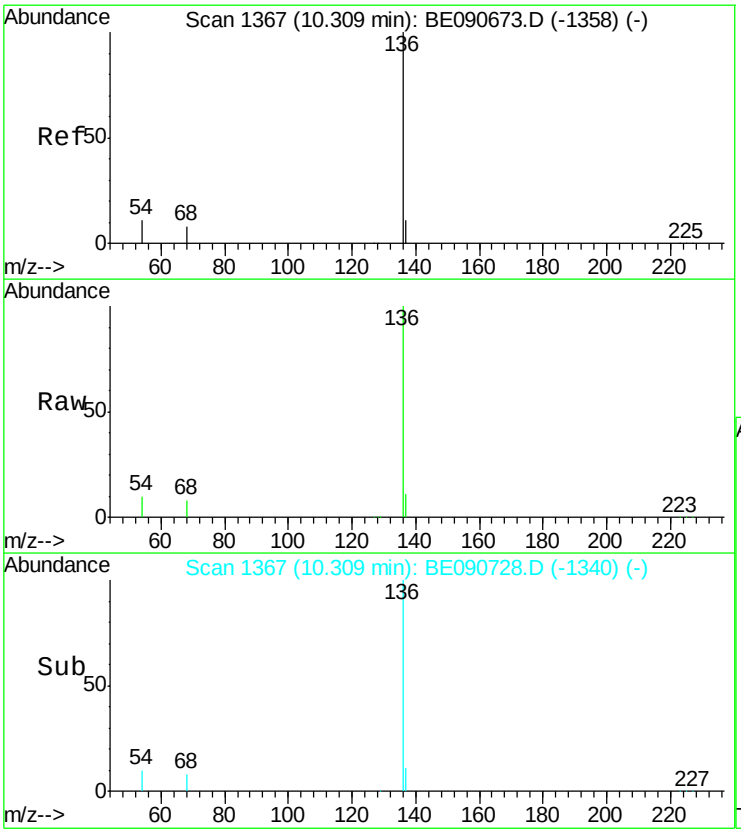
#5
Phenol-d6
Concen: 1.16 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 15067

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.8	25.2
71	33.9	28.3	42.5

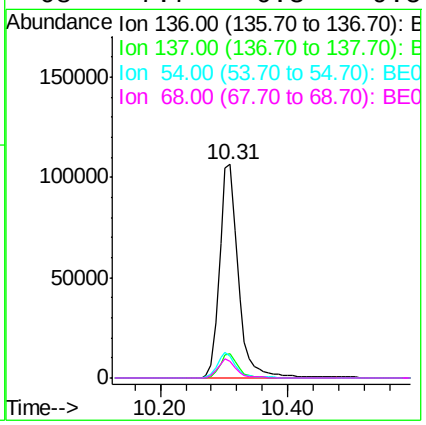


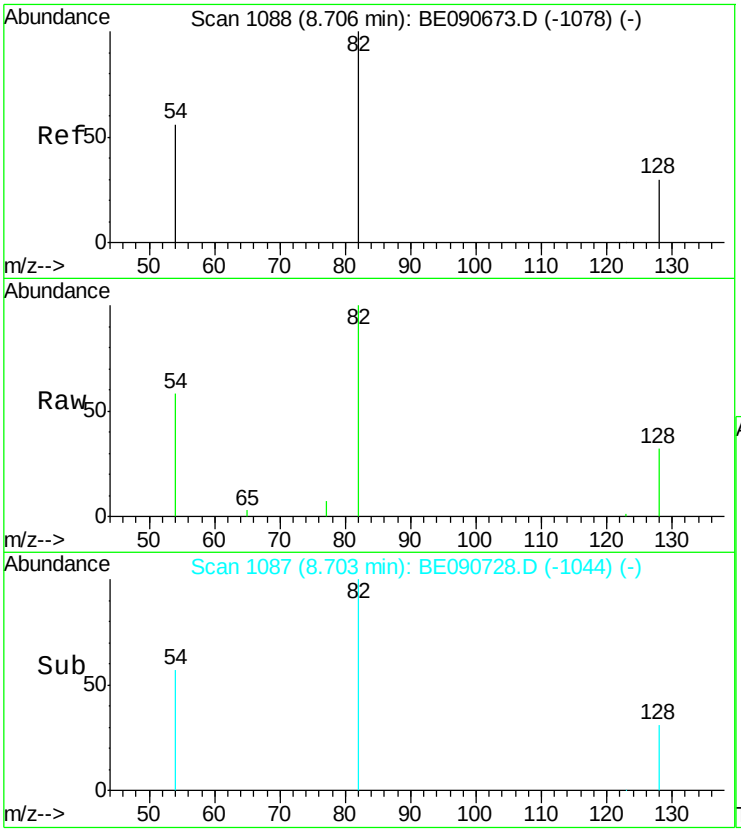


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:136 Resp: 217590

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.2	9.0	13.6
68	7.7	6.3	9.5



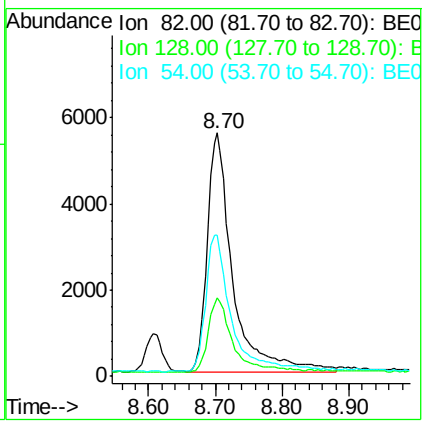


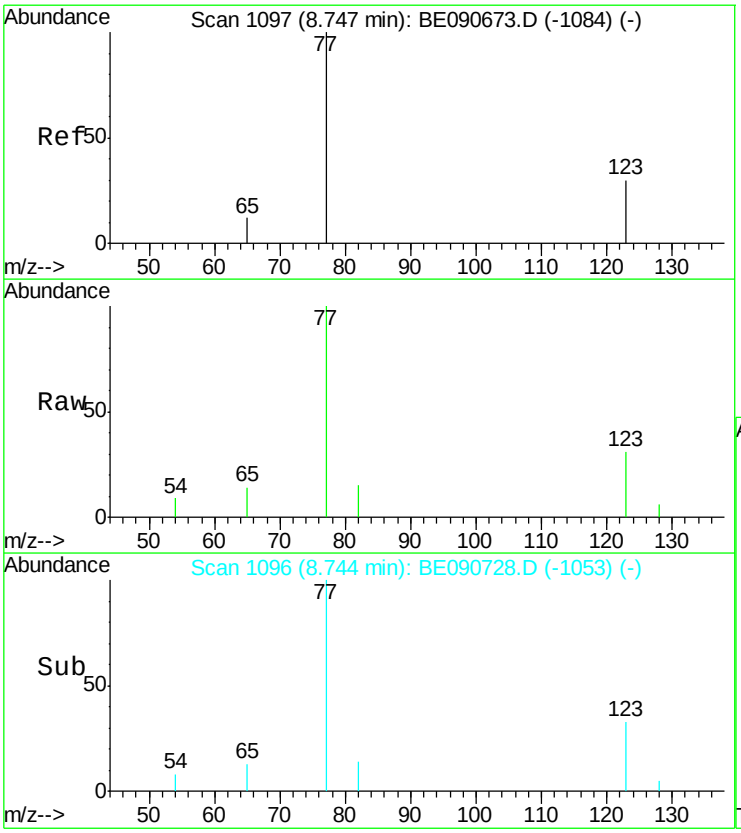
#7
Nitrobenzene-d5
Concen: 1.02 ng
RT: 8.70 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 14608

Ion	Ratio	Lower	Upper
82	100		
128	32.3	25.0	37.4
54	57.8	46.3	69.5

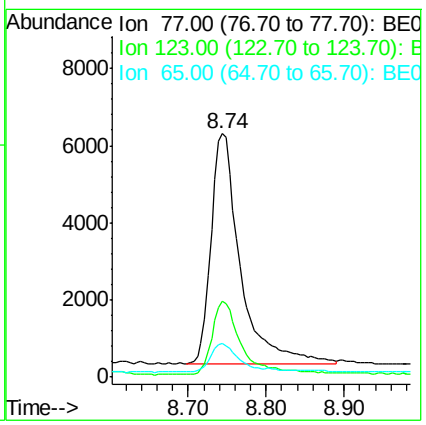


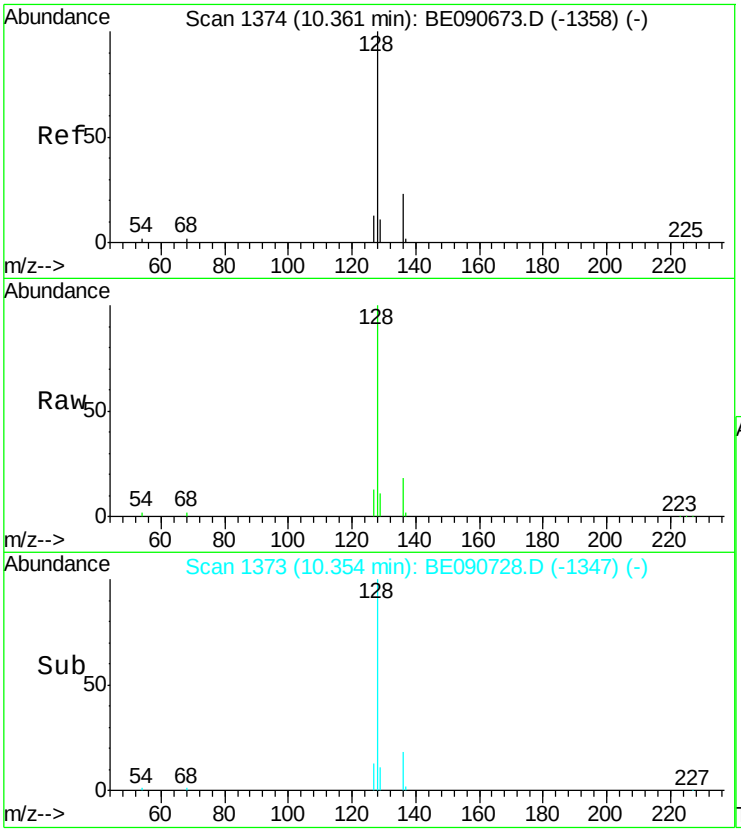


#8
Nitrobenzene
Concen: 0.98 ng
RT: 8.74 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion: 77 Resp: 15685

Ion	Ratio	Lower	Upper
77	100		
123	31.9	25.1	37.7
65	11.9	9.9	14.9



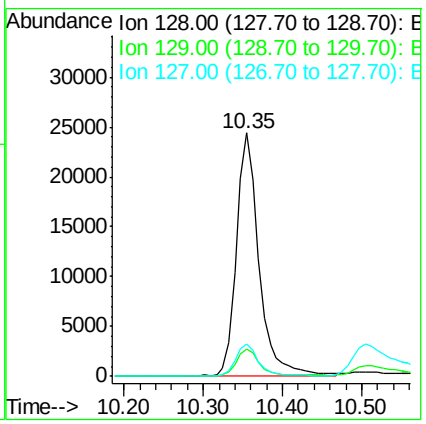


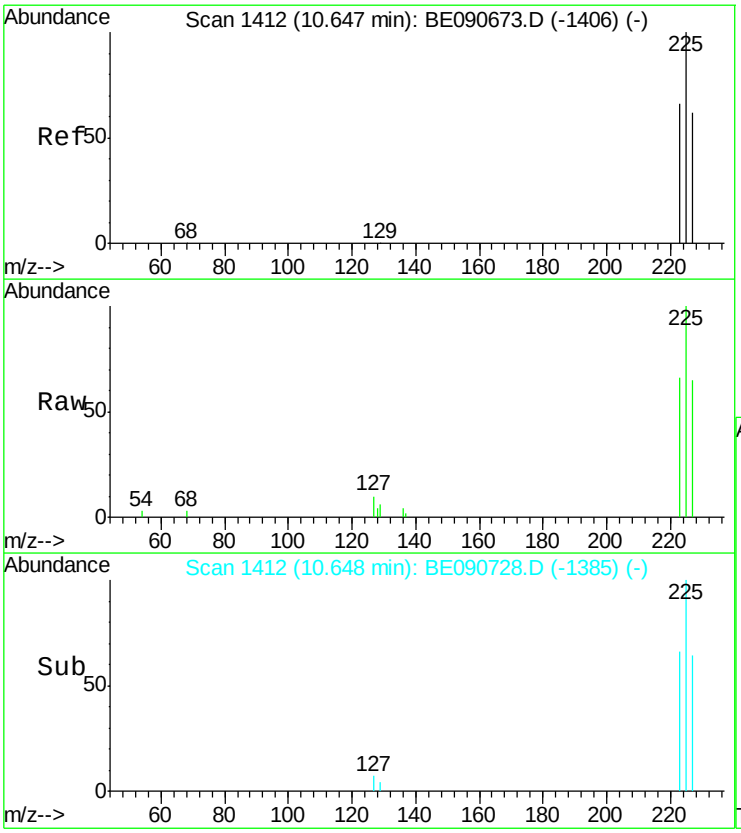
#9
Naphthalene
Concen: 1.00 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 47560

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	10.6	15.8

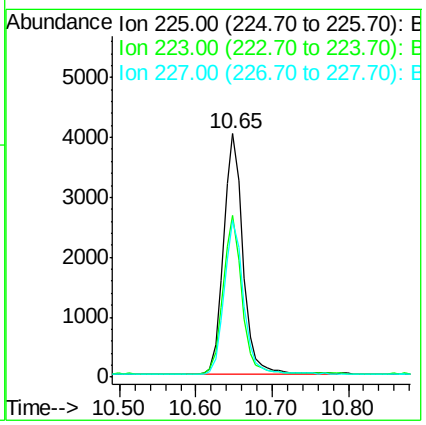


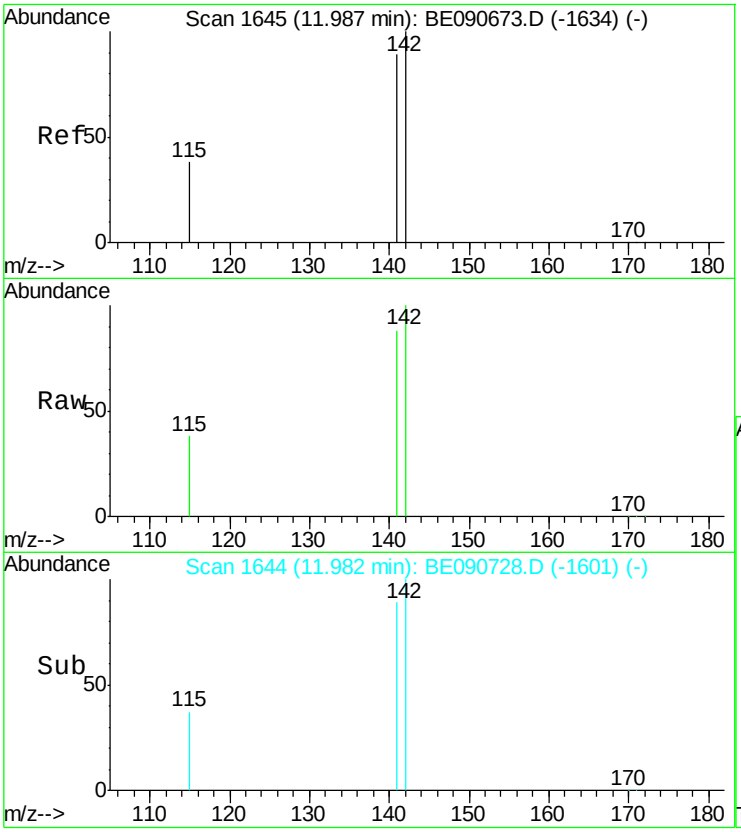


#10
Hexachlorobutadiene
Concen: 0.95 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:225 Resp: 7068

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	64.0	51.0	76.6



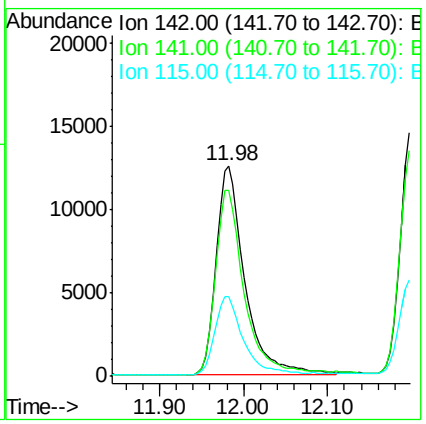


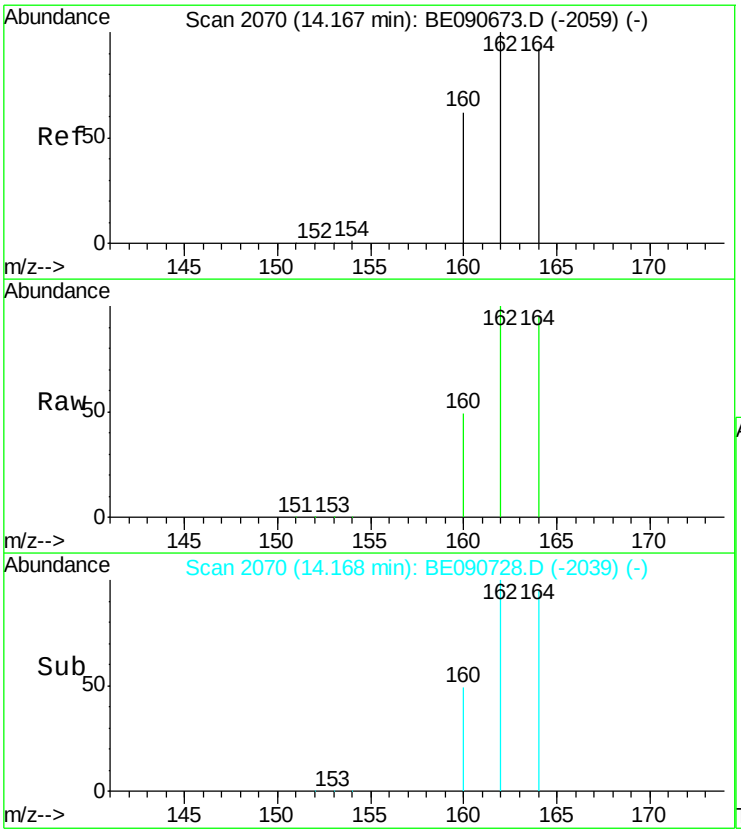
#11
2-Methylnaphthalene
Concen: 1.15 ng
RT: 11.98 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 29472

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	37.7	31.0	46.4

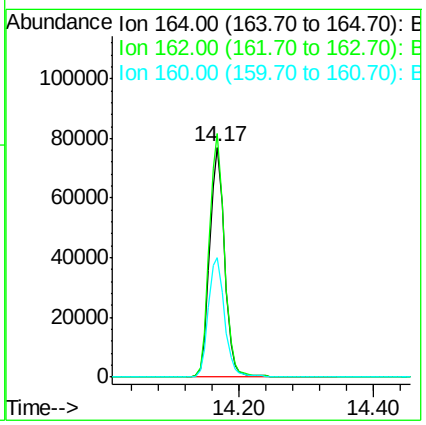


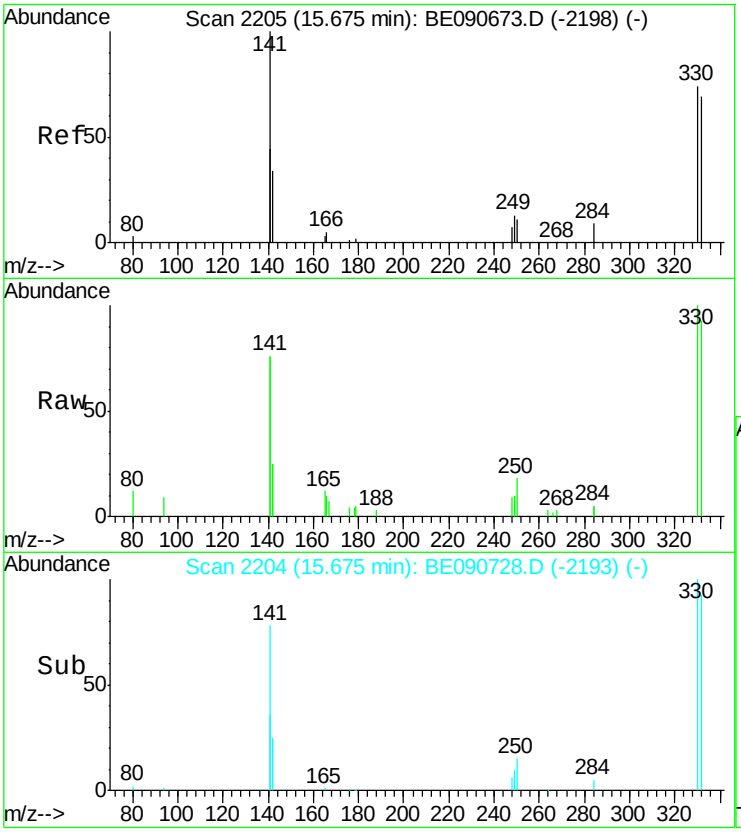


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:164 Resp: 117343

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.8	130.2
160	52.0	53.9	80.9#



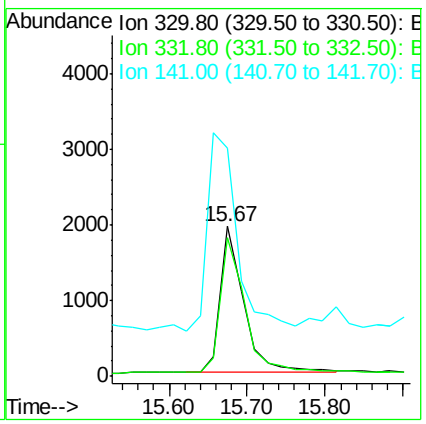


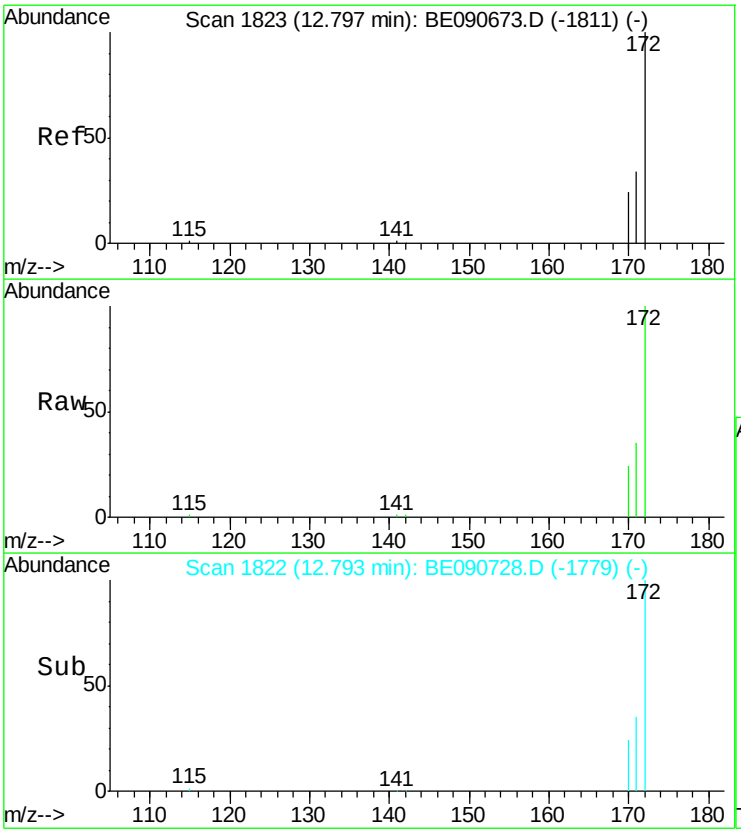
#13
2,4,6-Tribromophenol
Concen: 1.31 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 4058

Ion	Ratio	Lower	Upper
330	100		
332	98.6	74.9	112.3
141	170.0	145.2	217.8

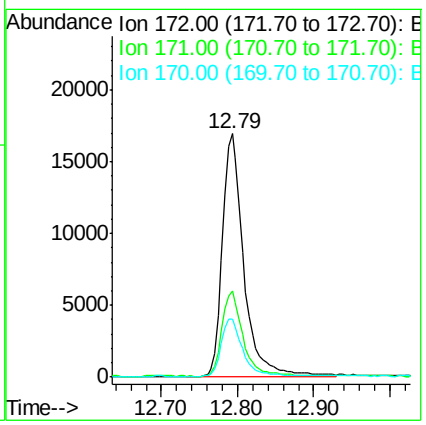


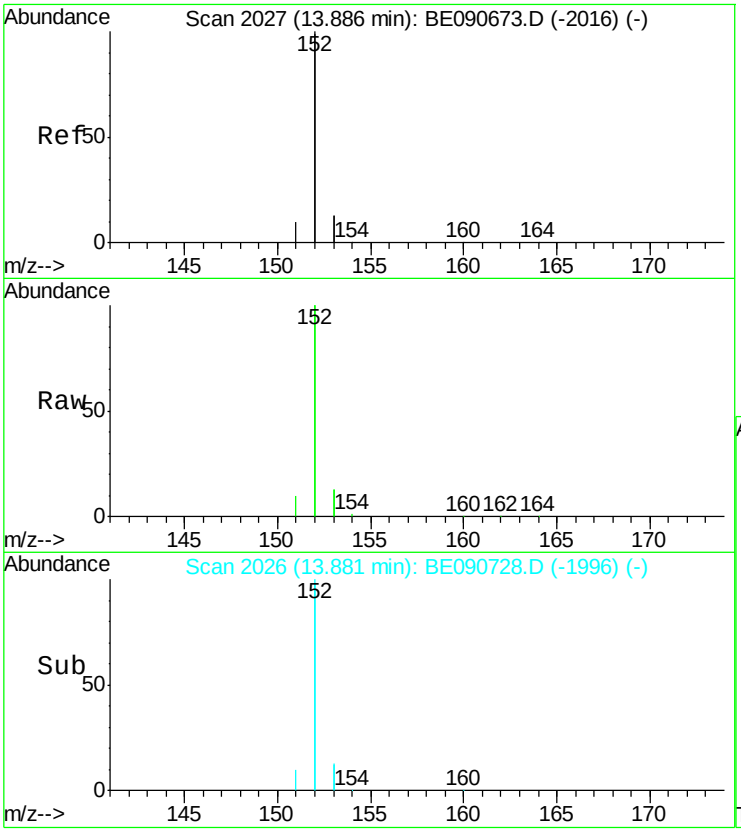


#14
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:172 Resp: 32776

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.8
170	24.0	19.8	29.6



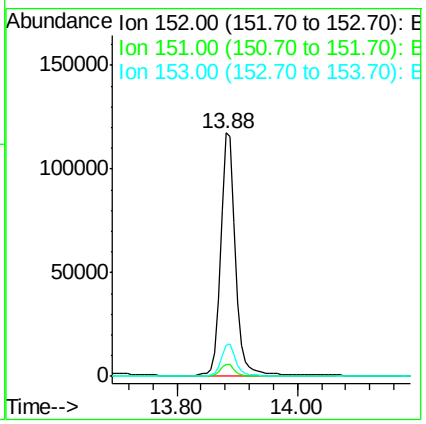


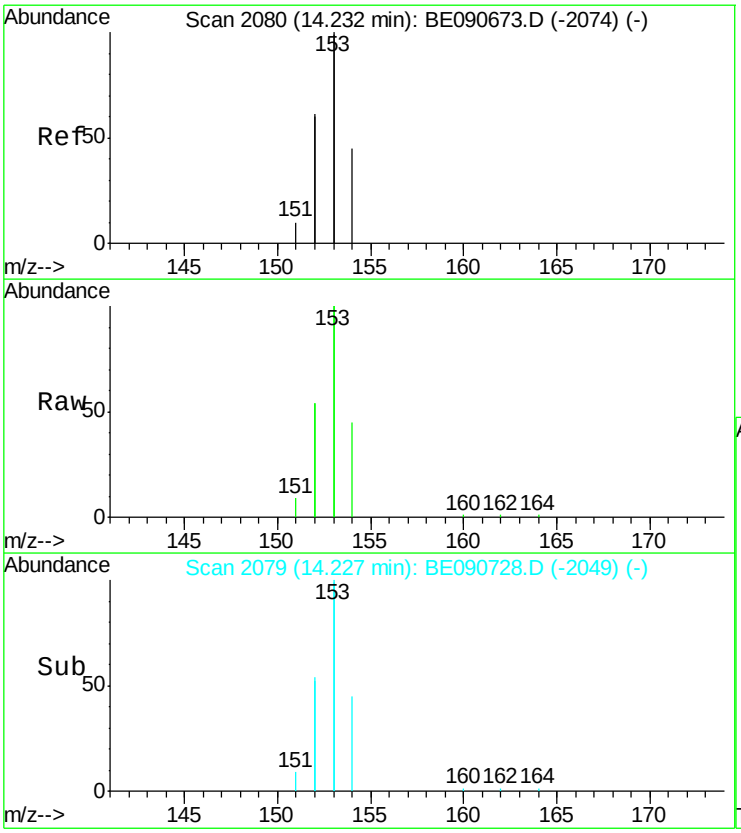
#15
Acenaphthylene
Concen: 1.07 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 201410

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.3	15.5

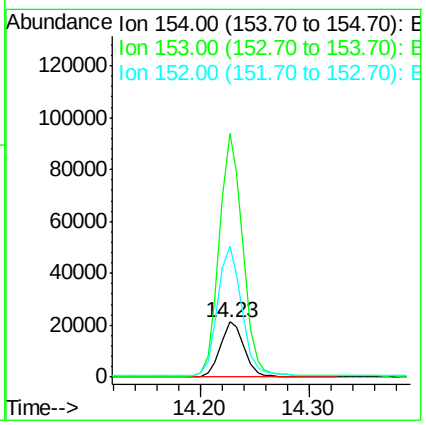


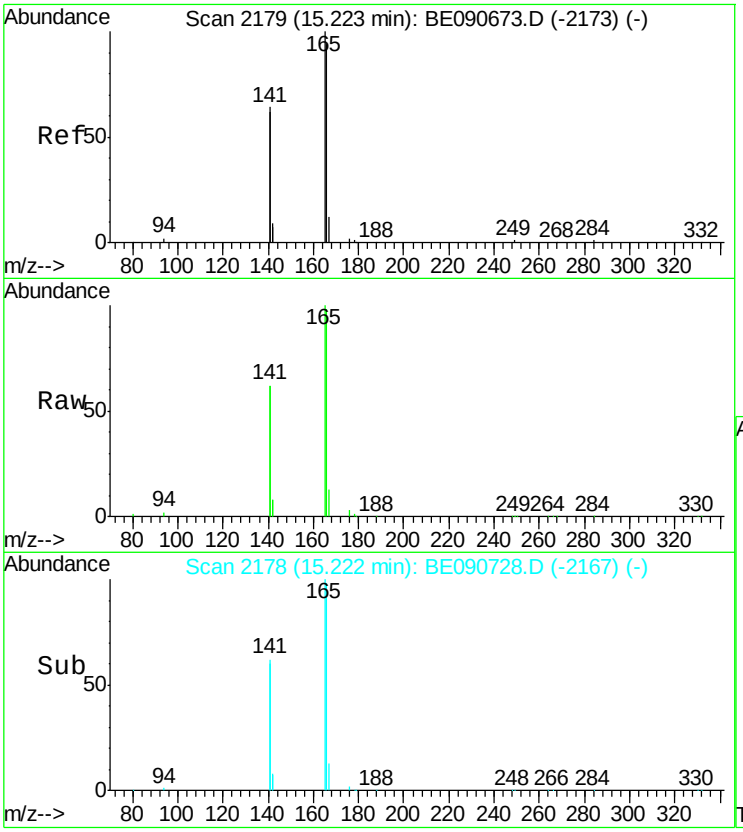


#16
Acenaphthene
Concen: 1.01 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:154 Resp: 31758

Ion	Ratio	Lower	Upper
154	100		
153	440.5	354.5	531.7
152	242.1	227.8	341.6



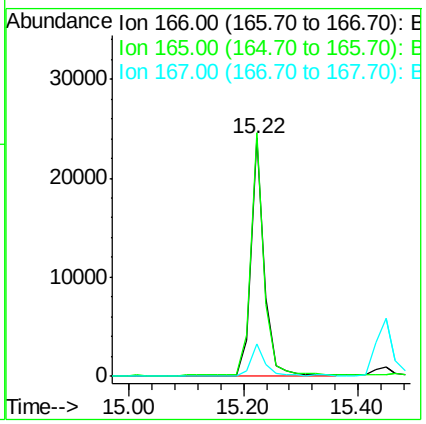


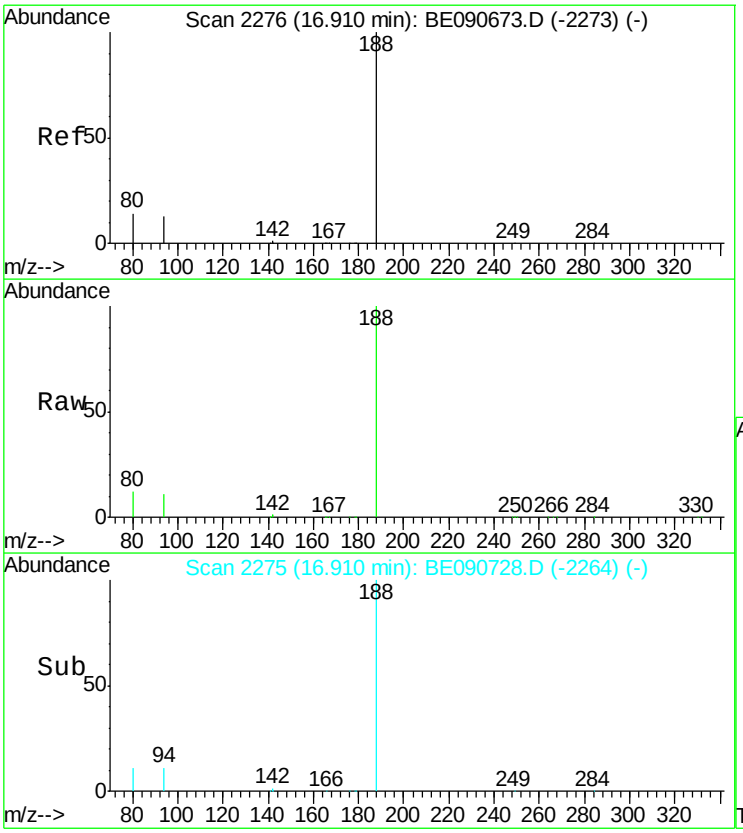
#17
Fluorene
Concen: 1.01 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 39322

Ion	Ratio	Lower	Upper
166	100		
165	101.2	82.7	124.1
167	13.8	10.7	16.1

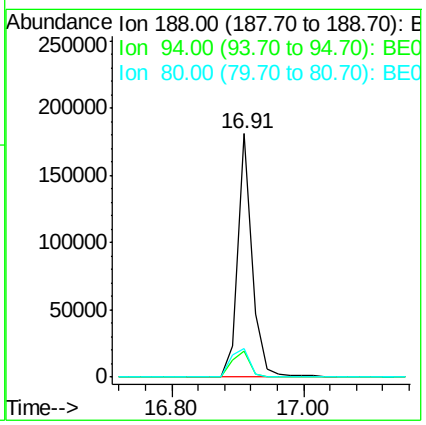


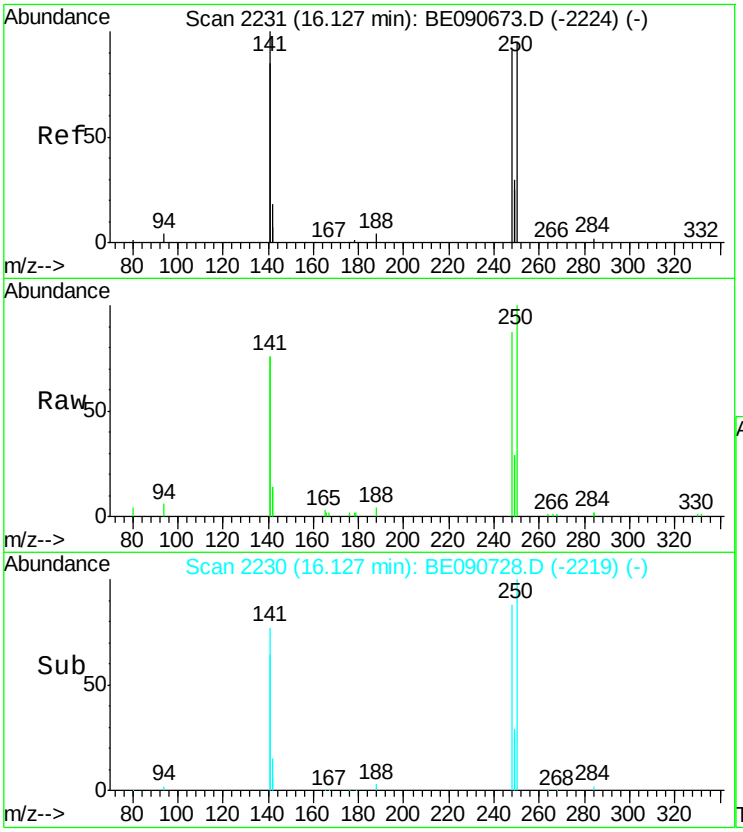


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:188 Resp: 276204

Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.3	15.5
80	11.6	11.0	16.6



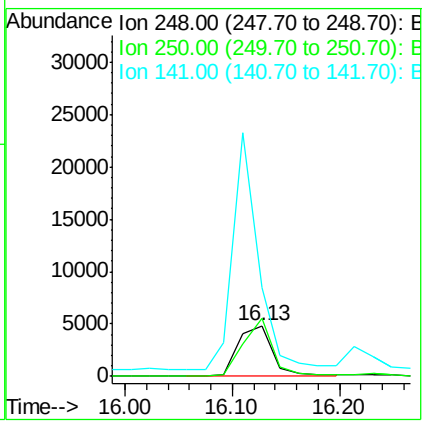


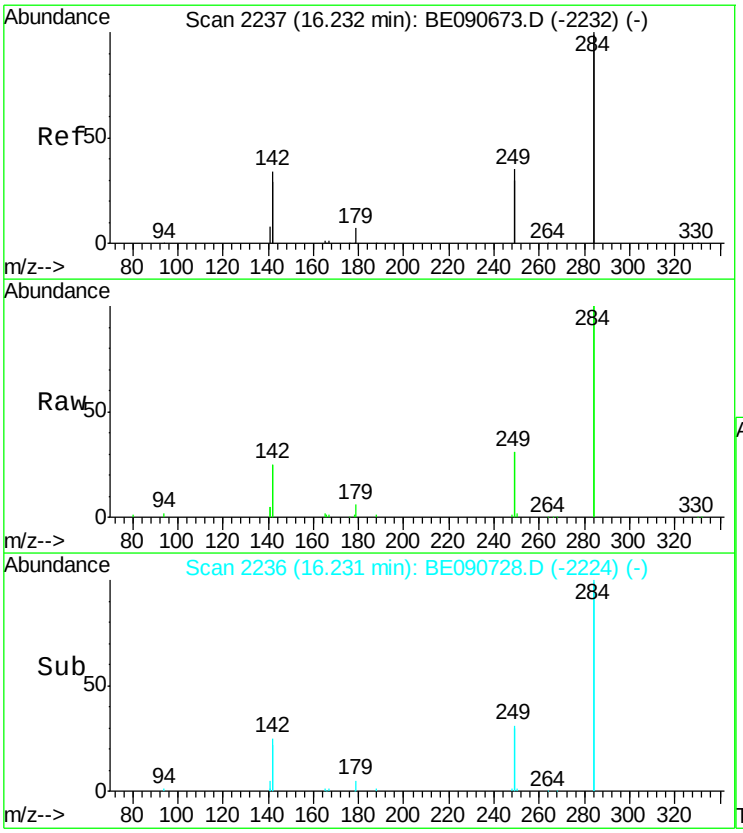
#19
4-Bromophenyl-phenylether
Concen: 1.11 ng
RT: 16.13 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 10426

Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.7	115.1
141	352.2	292.6	439.0

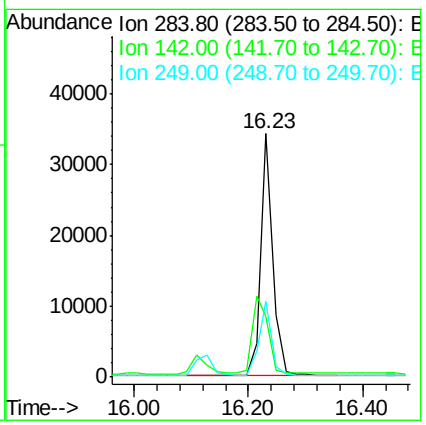


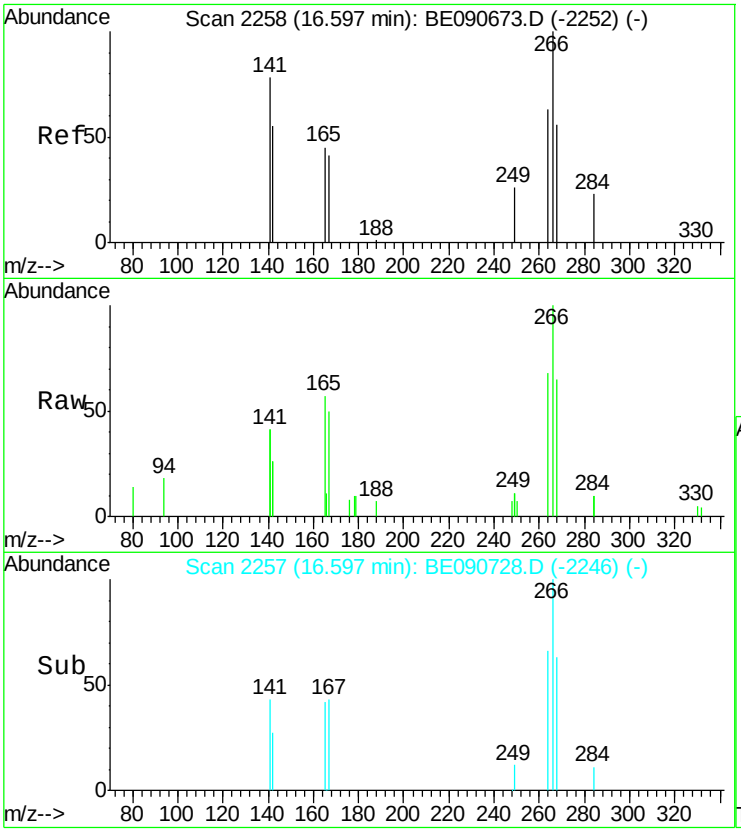


#20
Hexachlorobenzene
Concen: 1.03 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:284 Resp: 50667

Ion	Ratio	Lower	Upper
284	100		
142	41.6	35.0	52.4
249	31.5	25.5	38.3



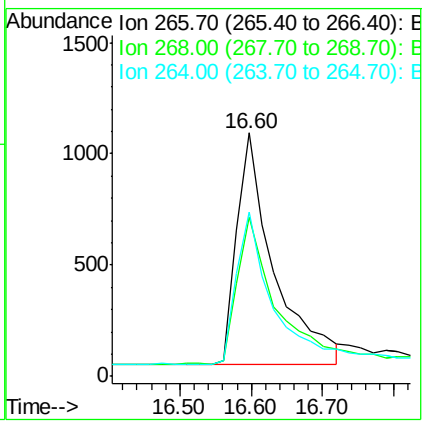


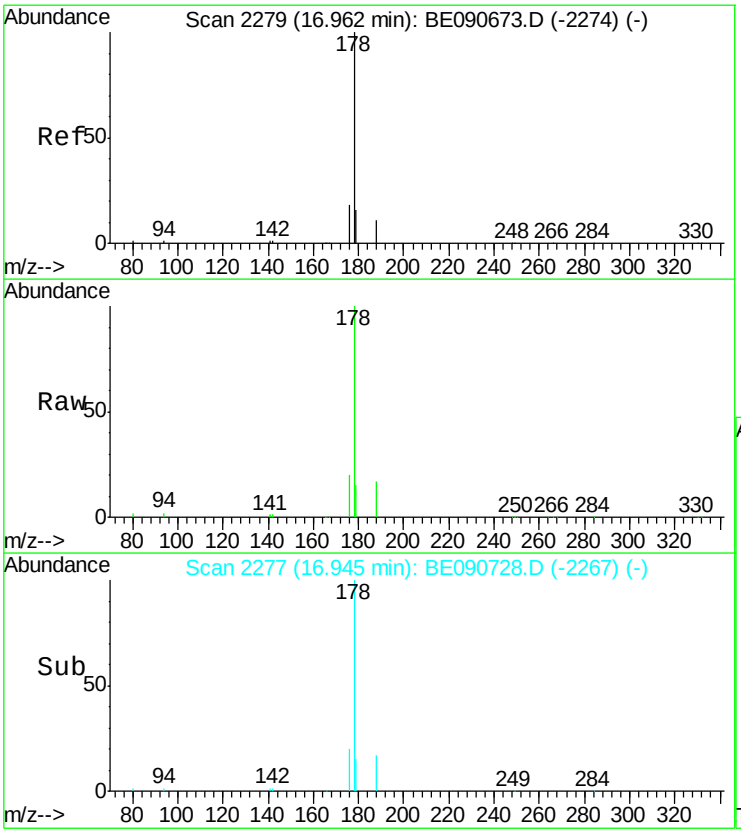
#21
Pentachlorophenol
Concen: 1.38 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 3739

Ion	Ratio	Lower	Upper
266	100		
268	65.4	49.6	74.4
264	67.7	53.9	80.9

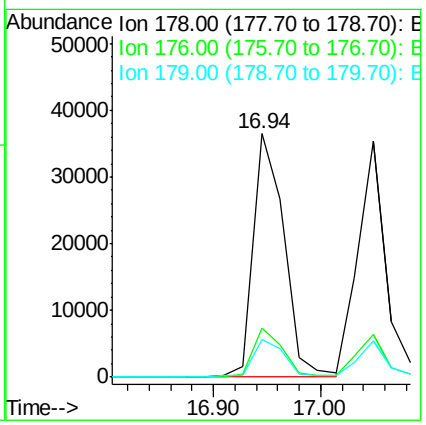


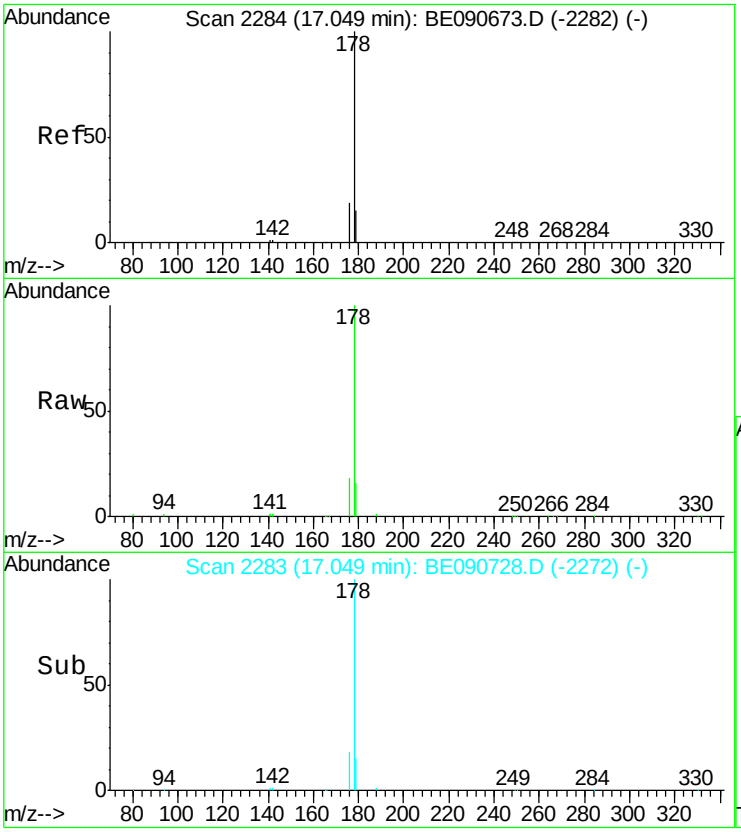


#22
Phenanthrene
Concen: 1.05 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:178 Resp: 72071

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.5	12.8	19.2



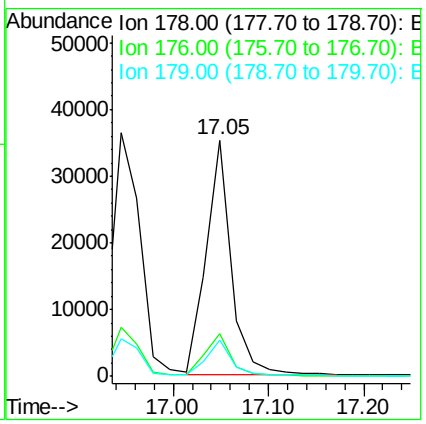


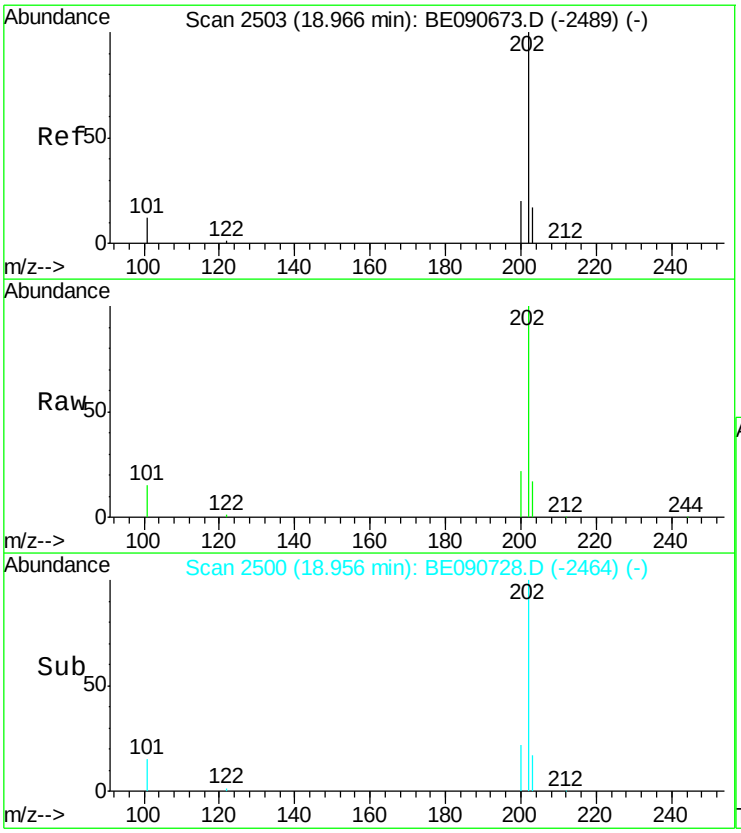
#23
Anthracene
Concen: 1.12 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 64022

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	14.9	12.3	18.5

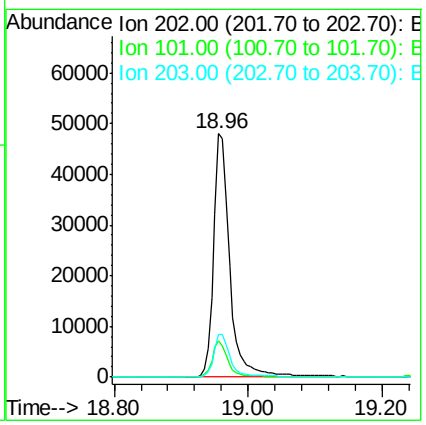


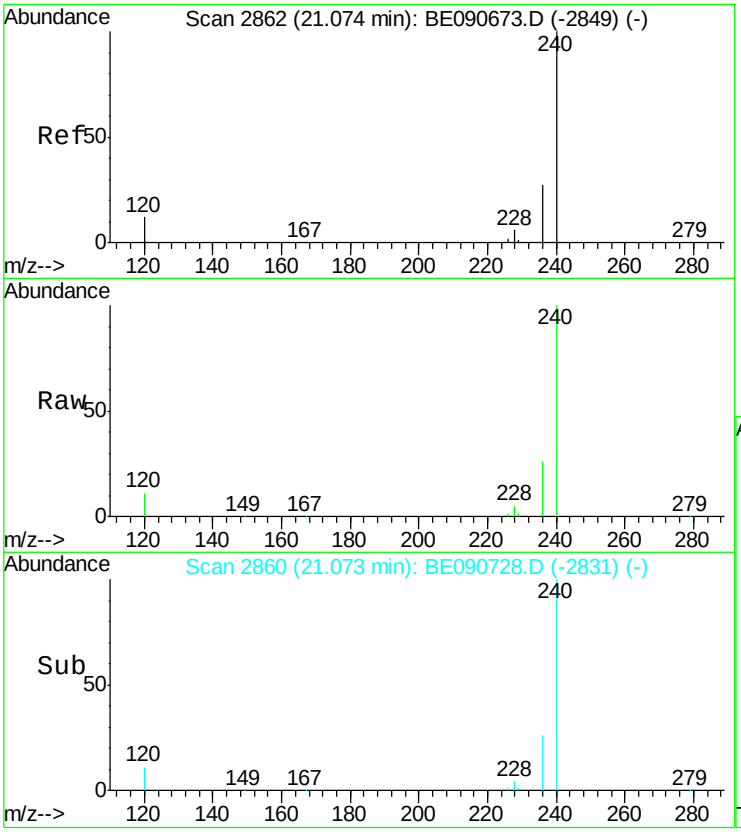


#24
Fluoranthene
Concen: 1.10 ng
RT: 18.96 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:202 Resp: 78909

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.6
203	17.4	13.9	20.9



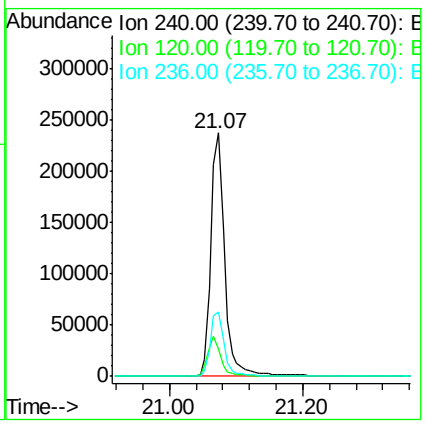


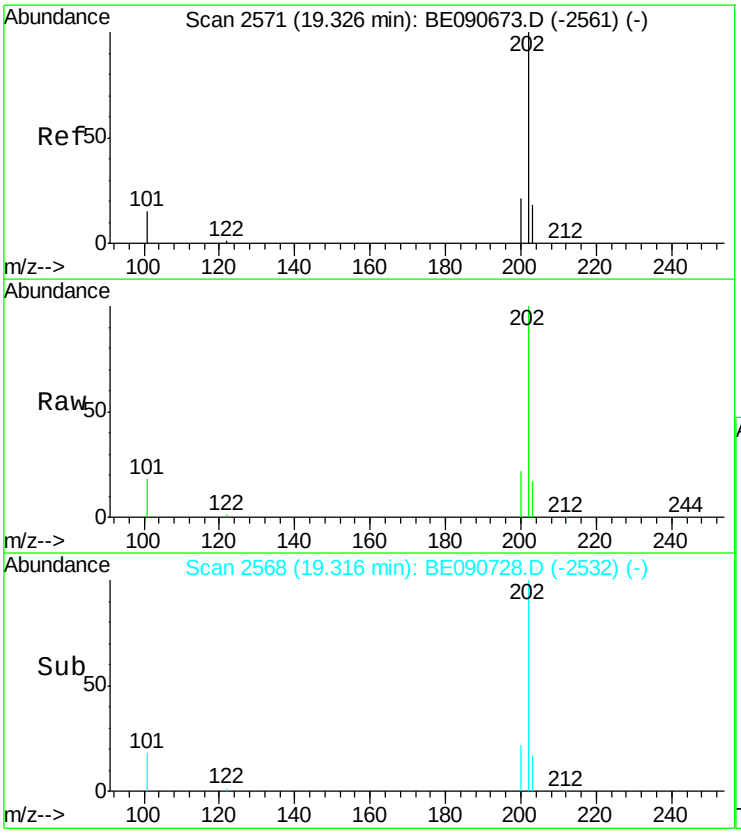
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 336636

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.1	15.1
236	26.3	21.9	32.9

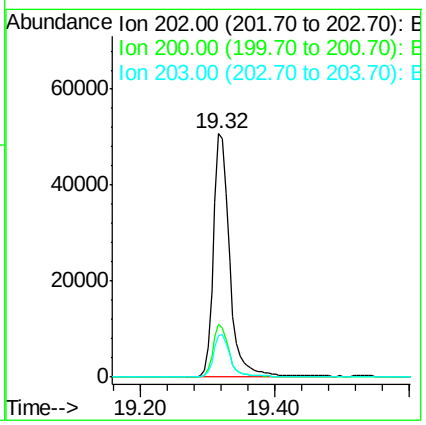


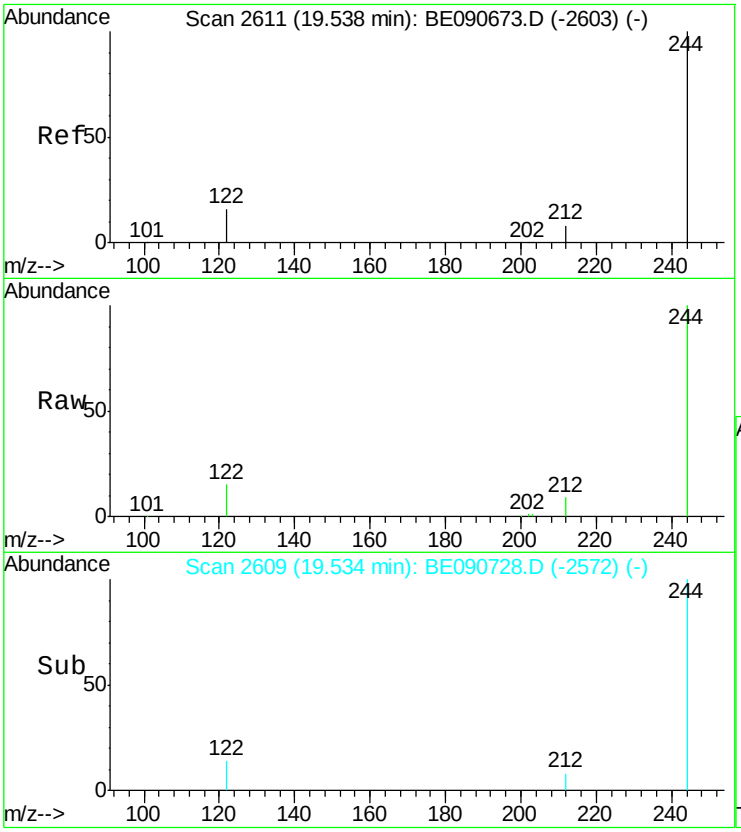


#26
Pyrene
Concen: 1.20 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:202 Resp: 83624

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	13.8	20.6



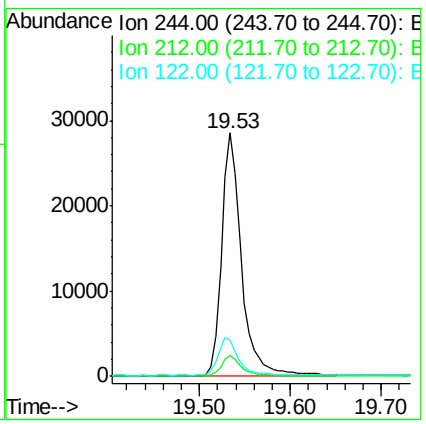


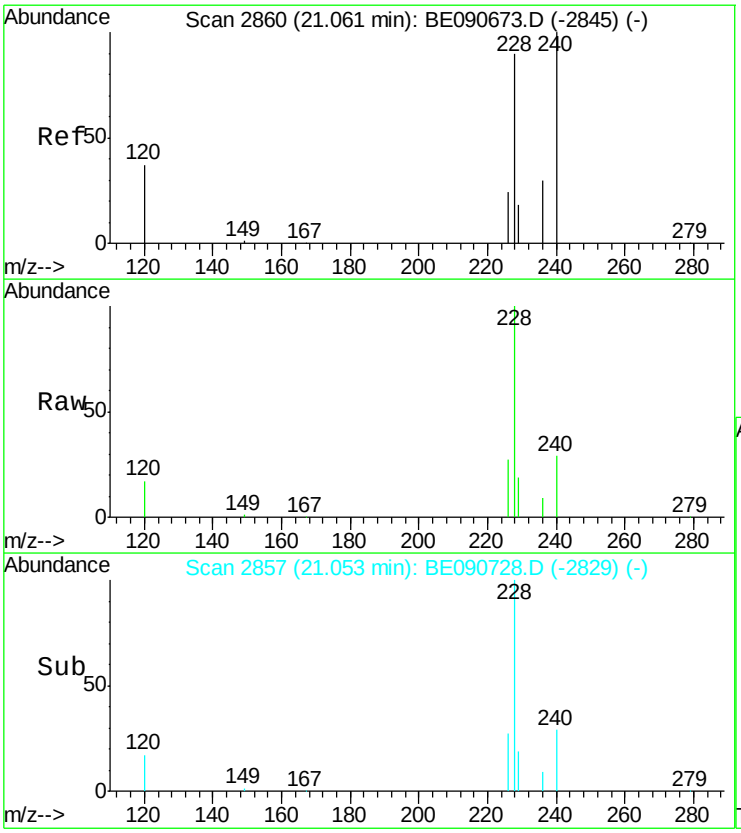
#27
Terphenyl-d14
Concen: 1.16 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 43189

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	14.8	12.9	19.3

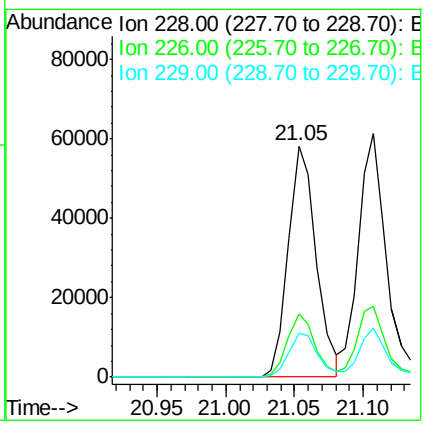


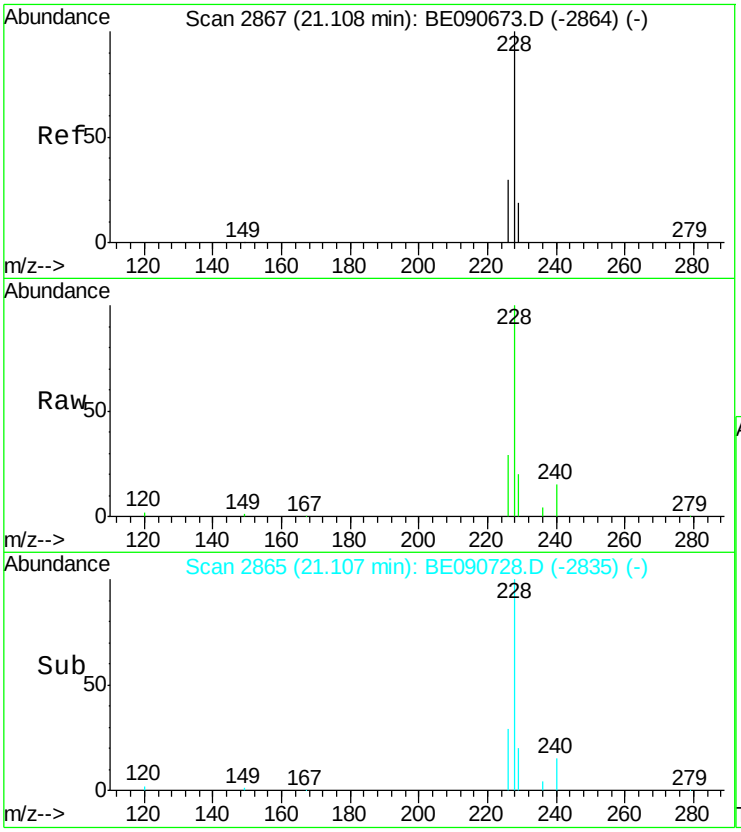


#28
Benzo(a)anthracene
Concen: 1.09 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:228 Resp: 81680

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	19.1	15.9	23.9



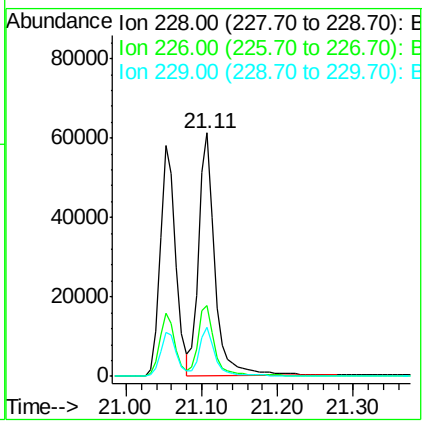


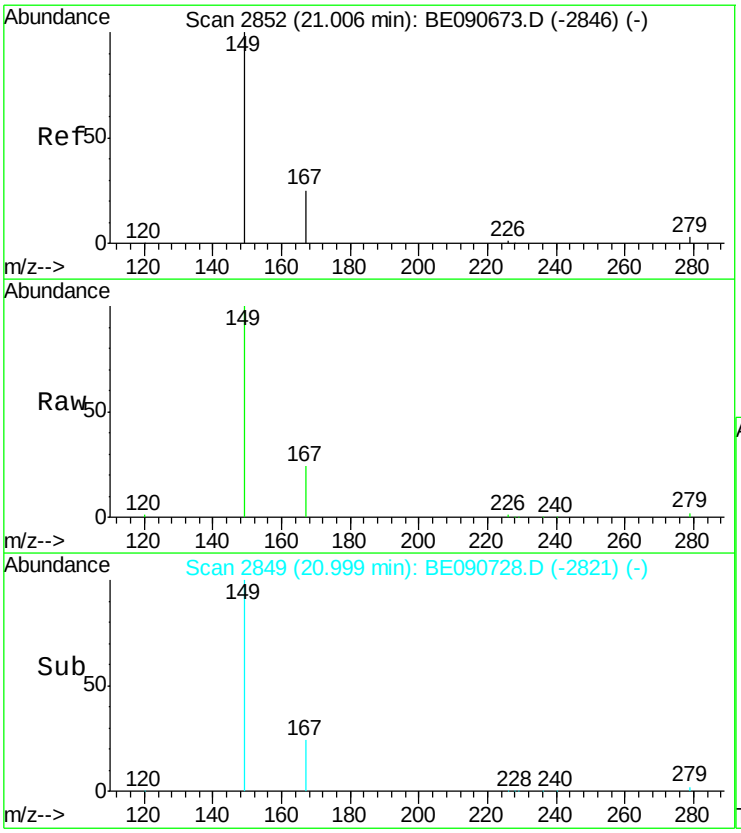
#29
Chrysene
Concen: 1.10 ng
RT: 21.11 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 90341

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	19.9	15.3	22.9

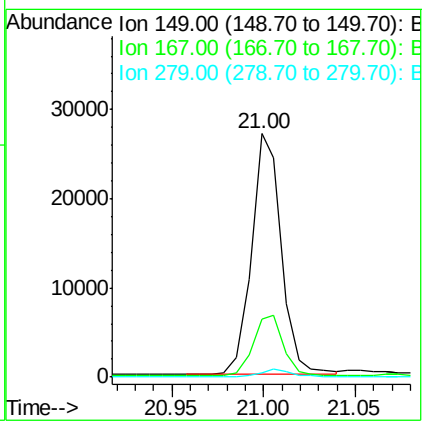


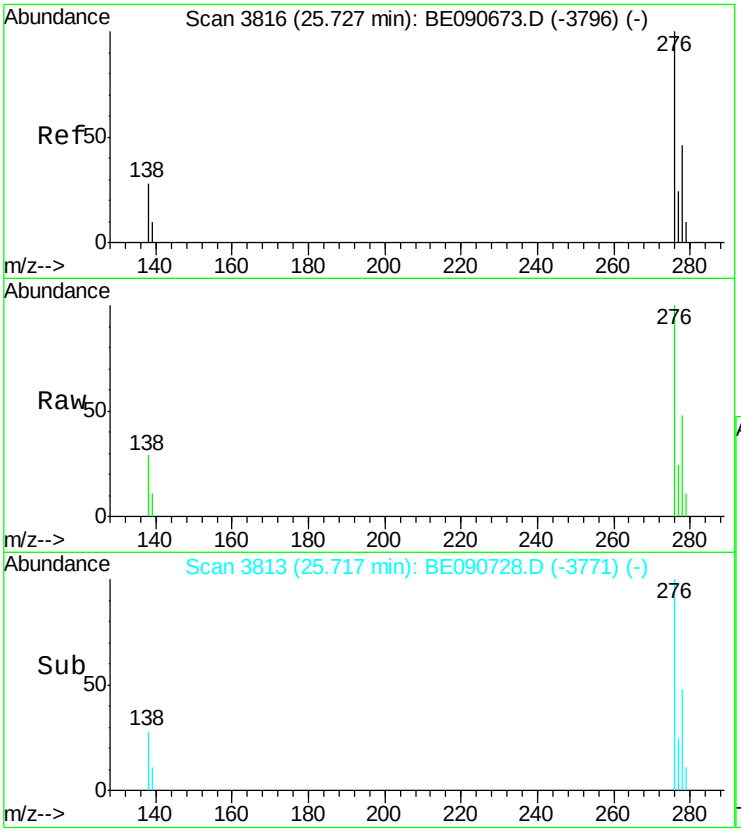


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.50 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:149 Resp: 30396

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.1	30.1
279	3.1	2.3	3.5



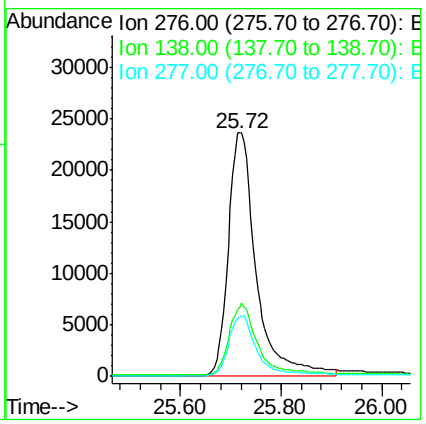


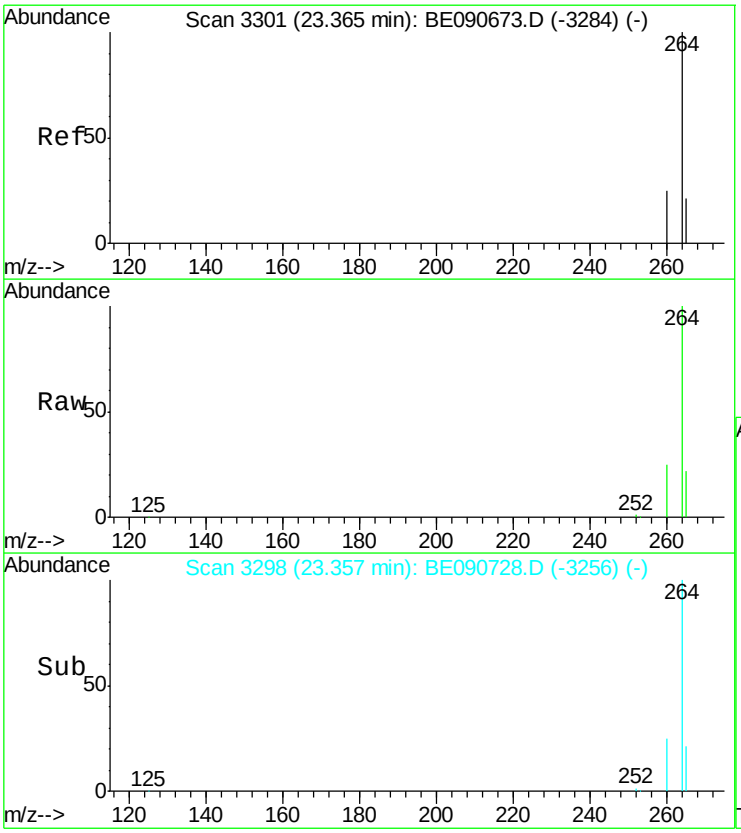
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.14 ng
RT: 25.72 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 90947

Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.3	34.9
277	24.9	19.8	29.6

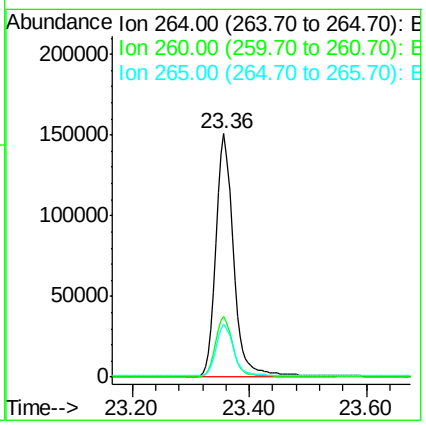


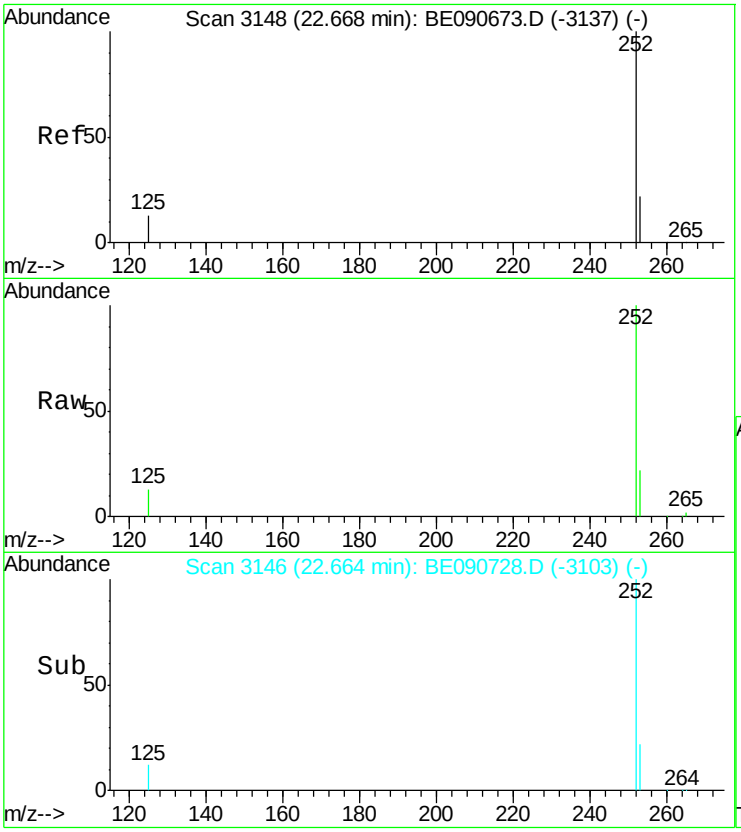


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:264 Resp: 316965

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.5	17.5	26.3



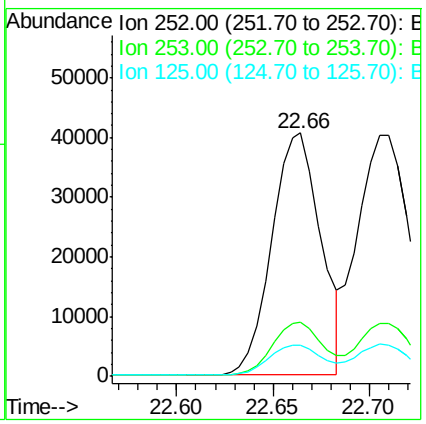


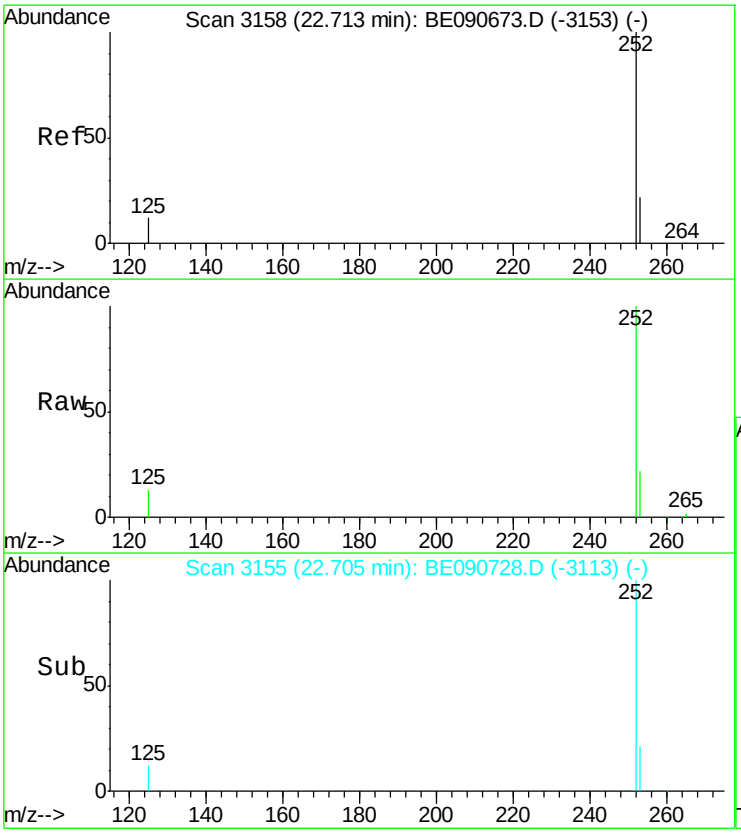
#33
Benzo(b)fluoranthene
Concen: 1.05 ng
RT: 22.66 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 71863

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.7	10.6	16.0

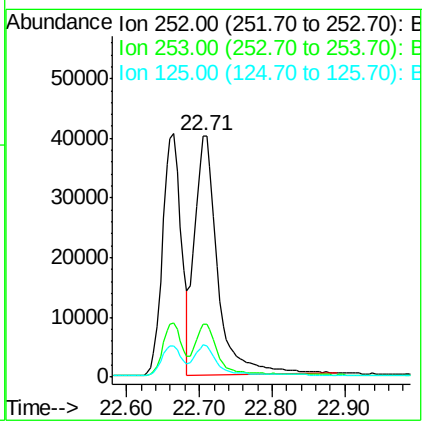


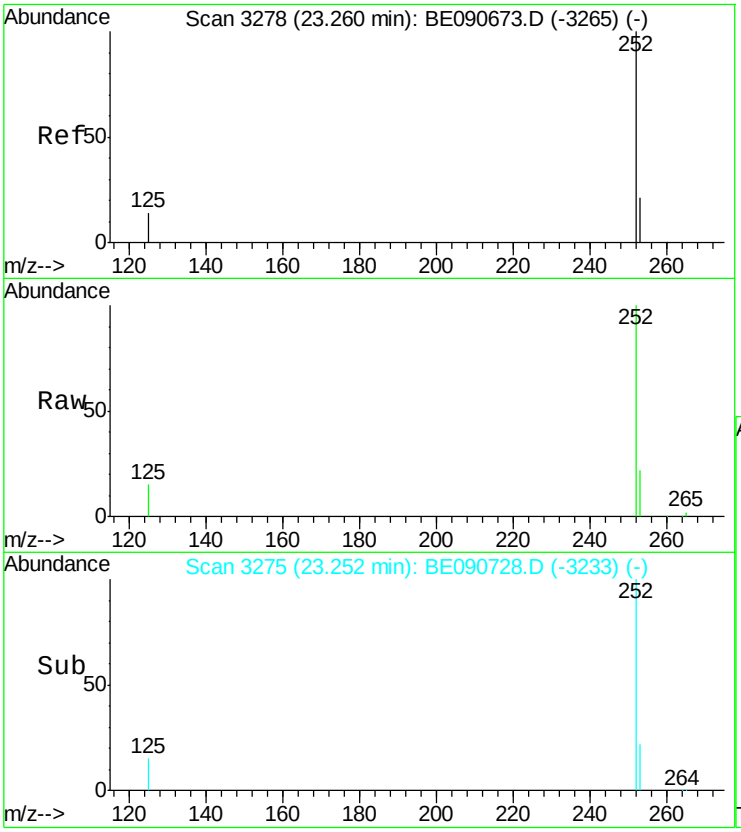


#34
Benzo(k)fluoranthene
Concen: 1.09 ng
RT: 22.71 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:252 Resp: 87149

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.2	10.1	15.1



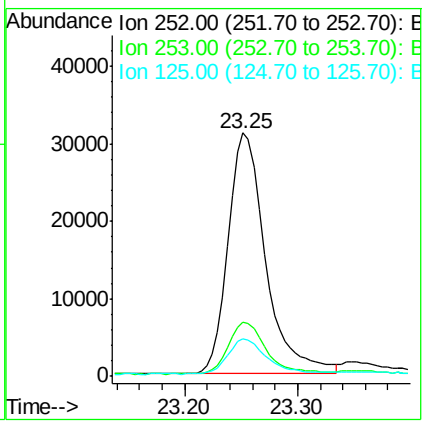


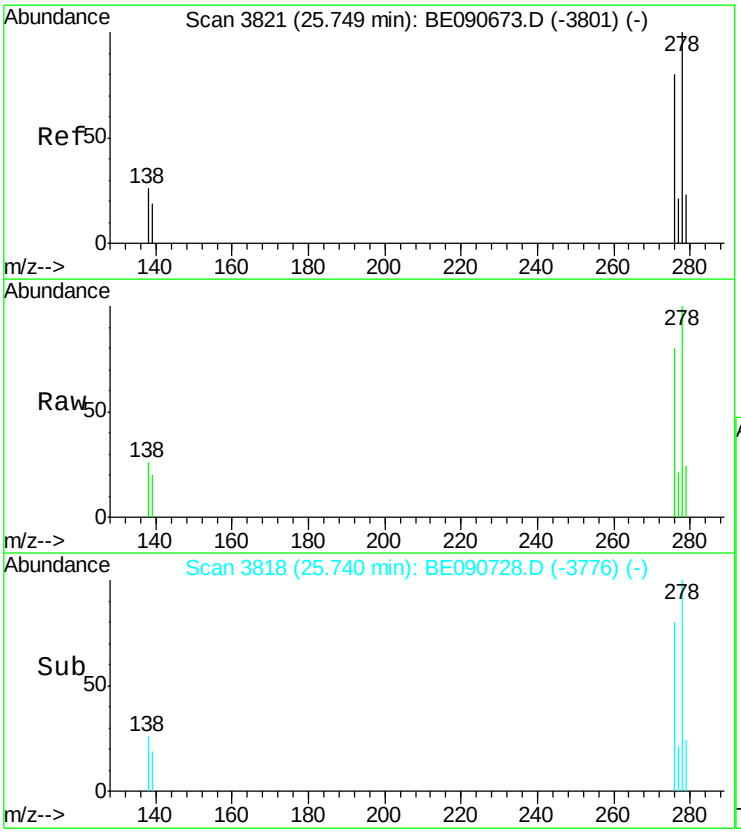
#35
Benzo(a)pyrene
Concen: 1.15 ng
RT: 23.25 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 70517

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.4	11.6	17.4

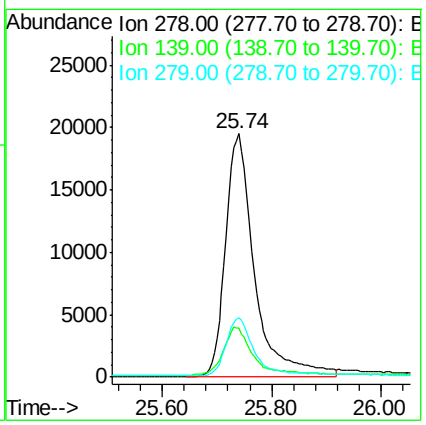


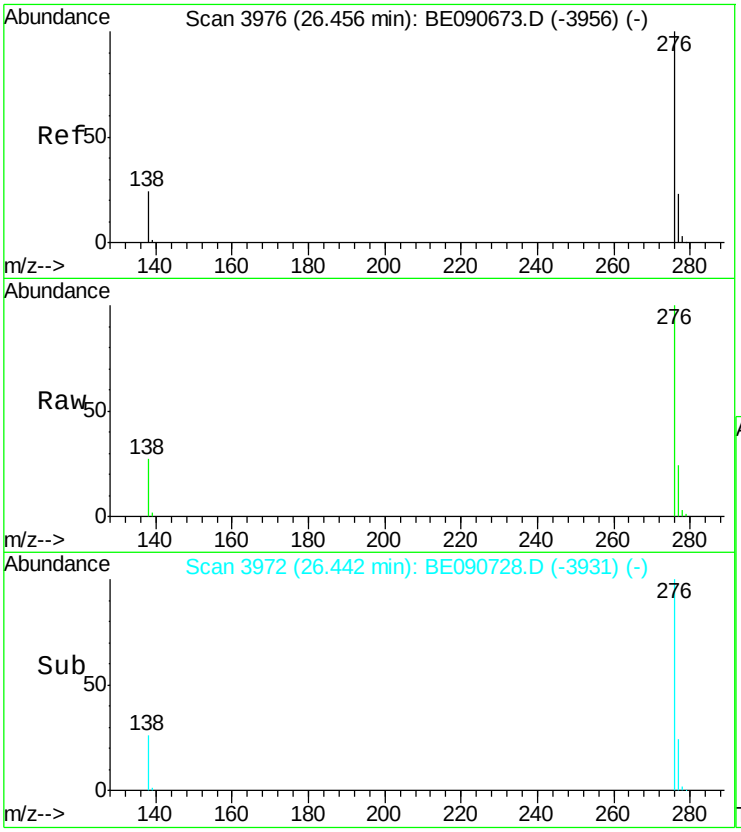


#36
Dibenzo(a,h)anthracene
Concen: 1.06 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Tgt Ion:278 Resp: 71256

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.4	23.0
279	24.2	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 1.06 ng
RT: 26.44 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BE090728.D
Acq: 4 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 75153

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	26.6	20.1	30.1