Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
Data File : BE091035.D
Acq On : 23 Oct 2015 15:55
Operator : UM/NP
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Oct 23 23:45:02 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 17:11:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	17598	5.00	ng		-0.04
7) Naphthalene-d8	9.59	136	79254	5.00	ng		-0.05
13) Acenaphthene-d10	13.41	164	41979	5.00	ng		-0.04
19) Phenanthrene-d10	16.13	188	103260	5.00	ng		-0.05
26) Chrysene-d12	20.29	240	133451	5.00	ng		-0.04
35) Perylene-d12	22.19	264	135702	5.00	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	4.94	112	3906	1.16	ng		-0.06
5) Phenol-d6	6.55	99	4821	1.07	ng		-0.07
8) Nitrobenzene-d5	8.18	82	6331	1.35	ng		-0.06
14) 2,4,6-Tribromophenol	14.95	330	1130	0.93	ng		-0.04
15) 2-Fluorobiphenyl	12.05	172	11218	0.99	ng		-0.05
29) Terphenyl-d14	18.69	244	17994	1.12	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	2184	0.76	ng	#	81
6) bis(2-Chloroethyl)ether	6.57	93	12857	2.70	ng	#	28
9) Nitrobenzene	8.21	77	6718	1.35	ng		95
10) Naphthalene	9.63	128	16371	1.01	ng		99
11) Hexachlorobutadiene	9.87	225	2362	0.84	ng		98
12) 2-Methylnaphthalene	11.16	142	10470	1.04	ng		98
16) Acenaphthylene	13.15	152	68521	0.98	ng		100
17) Acenaphthene	13.48	154	10690	0.95	ng		96
18) Fluorene	14.46	166	13836	1.00	ng		99
20) 4-Bromophenyl-phenylether	15.31	248	3460	0.89	ng		75
21) Hexachlorobenzene	15.40	284	4117	0.12	ng		95
22) Pentachlorophenol	15.89	266	970	0.87	ng		91
23) Phenanthrene	16.17	178	24514	0.99	ng		100
24) Anthracene	16.25	178	22625	1.02	ng		99
25) Fluoranthene	18.16	202	28214	1.02	ng		99
27) Benzidine	18.68	184	433	0.11	ng		99
28) Pyrene	18.54	202	29270	0.95	ng		99
30) Benzo(a)anthracene	20.26	228	29986	1.01	ng		99
32) Chrysene	20.31	228	32407	0.91	ng		97
33) Bis(2-ethylhexyl)phthalate	19.97	149	10735	1.09	ng		100
34) Indeno(1,2,3-cd)pyrene	23.83	276	32156	1.05	ng	#	92
36) Benzo(b)fluoranthene	21.63	252	30822	1.03	ng		98
37) Benzo(k)fluoranthene	21.66	252	32966	0.84	ng		98
38) Benzo(a)pyrene	22.09	252	28826	1.04	ng		98
39) Dibenzo(a,h)anthracene	23.79	278	30880	1.13	ng		99
40) Benzo(g,h,i)perylene	24.40	276	33411	1.12	ng		98

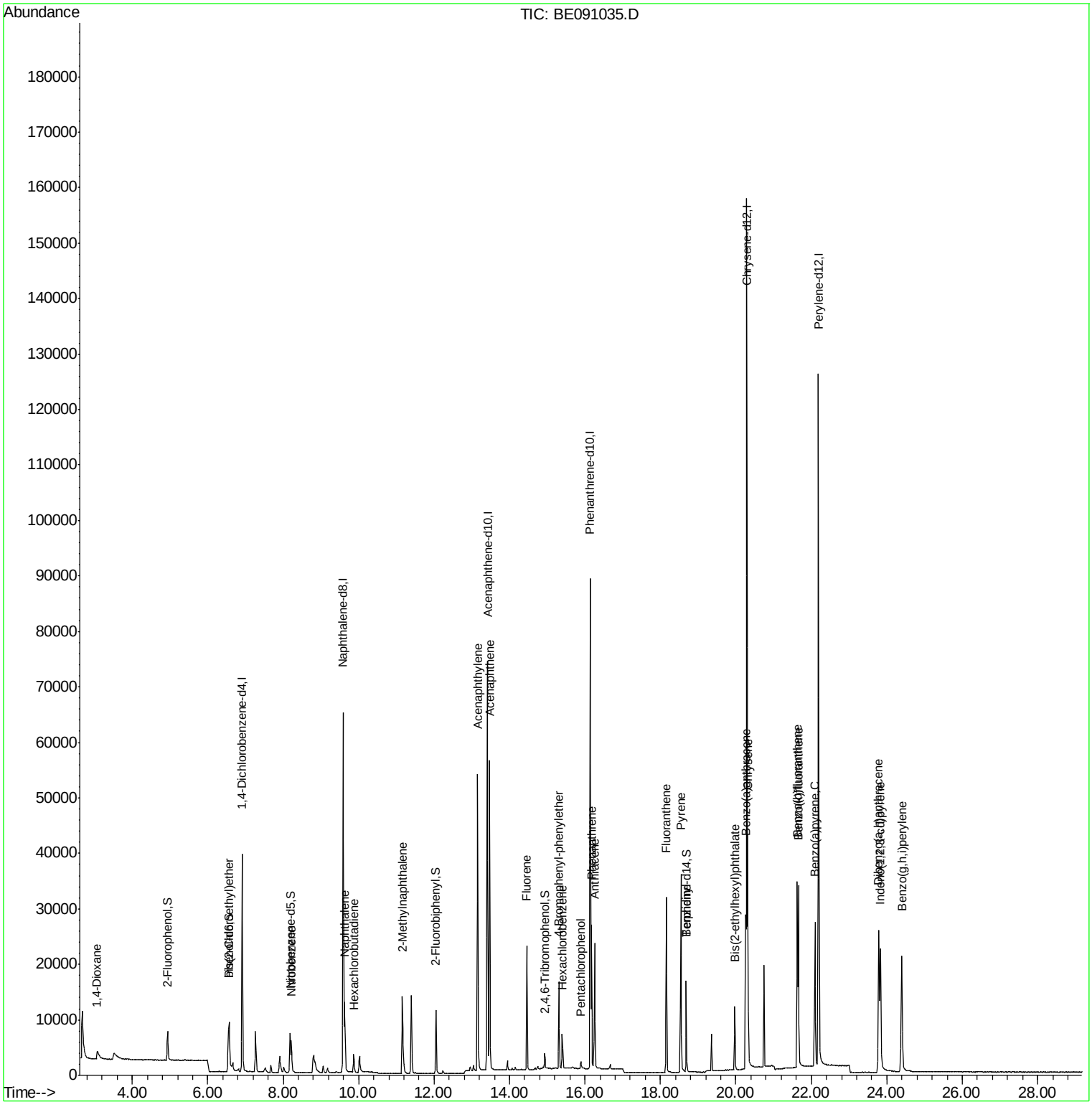
(#) = qualifier out of range (m) = manual integration (+) = signals summed

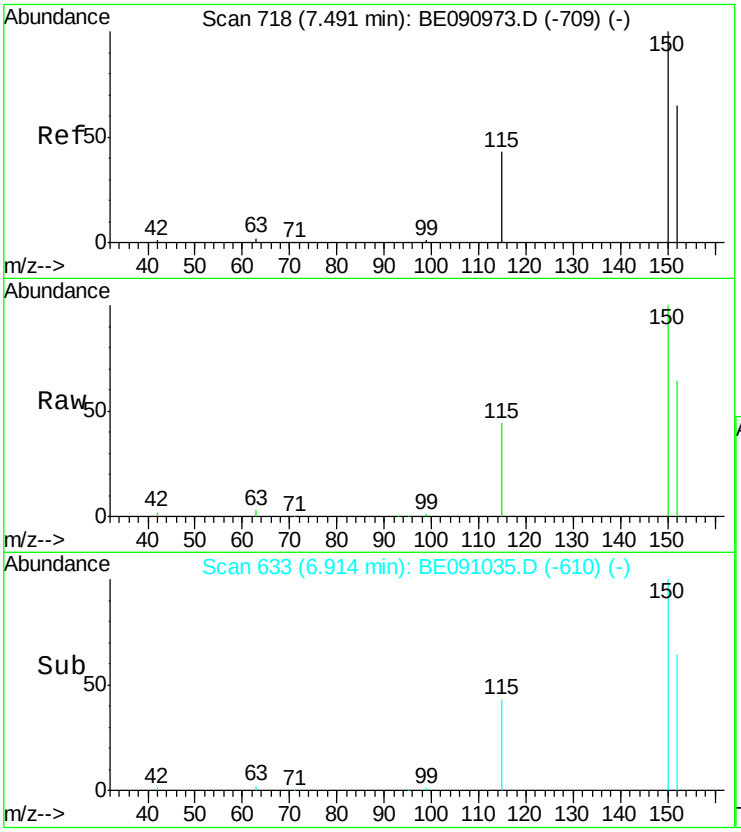
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
Data File : BE091035.D
Acq On : 23 Oct 2015 15:55
Operator : UM/NP
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Oct 23 23:45:02 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 17:11:43 2015
Response via : Initial Calibration



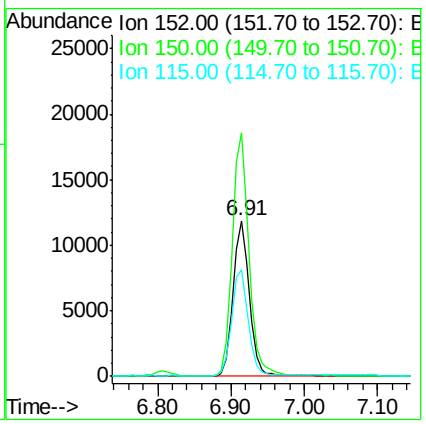


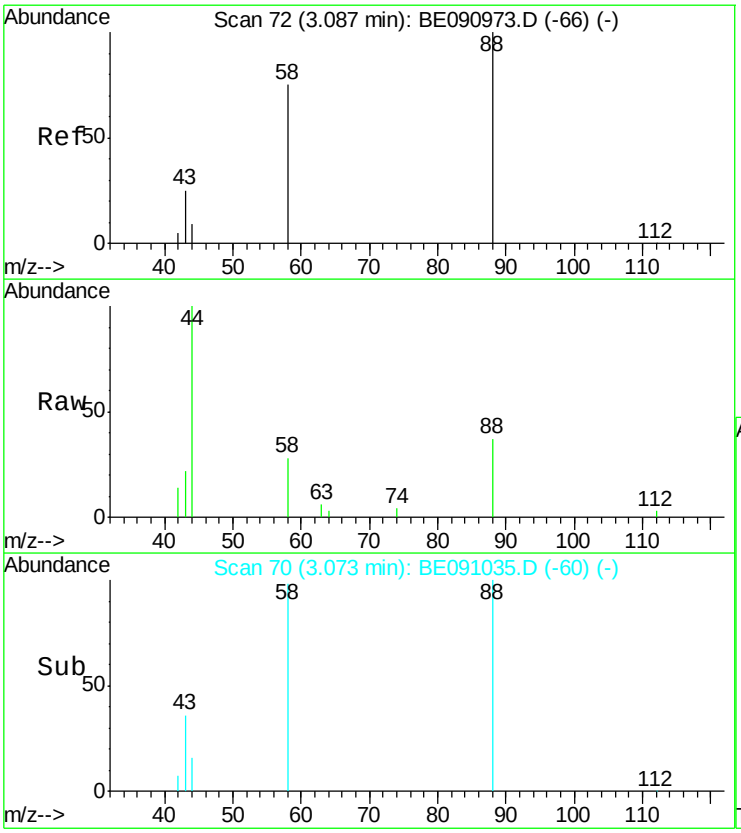
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 633
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 17598

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.6	183.8
115	68.5	52.8	79.2

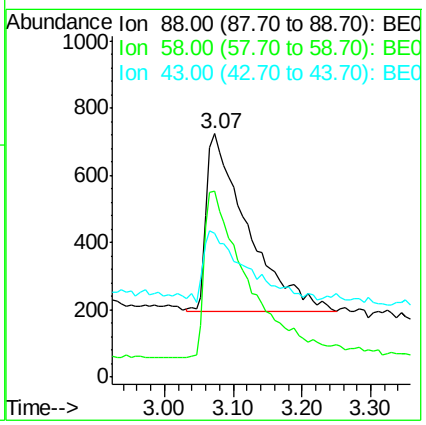


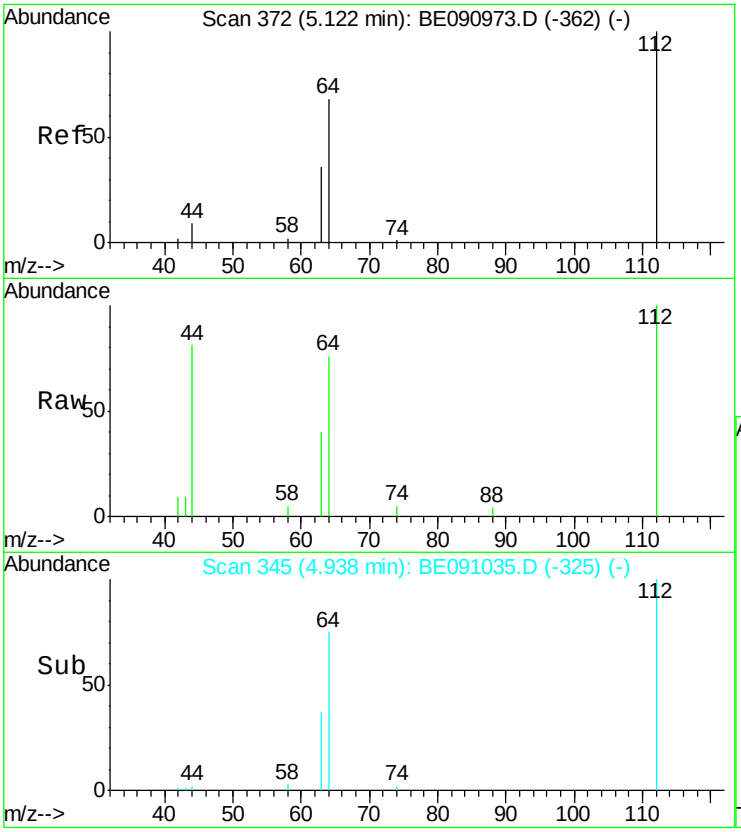


#2
1,4-Dioxane
Concen: 0.76 ng
RT: 3.07 min Scan# 70
Delta R.T. -0.13 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion: 88 Resp: 2184

Ion	Ratio	Lower	Upper
88	100		
58	100.8	65.8	98.6#
43	38.7	25.3	37.9#



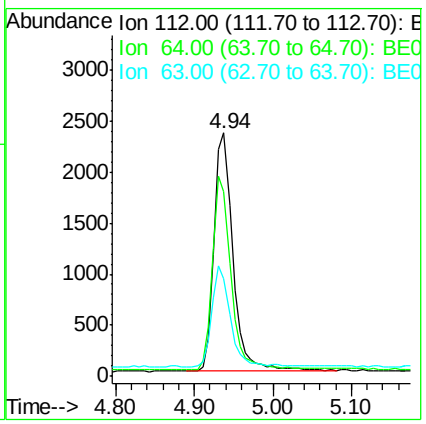


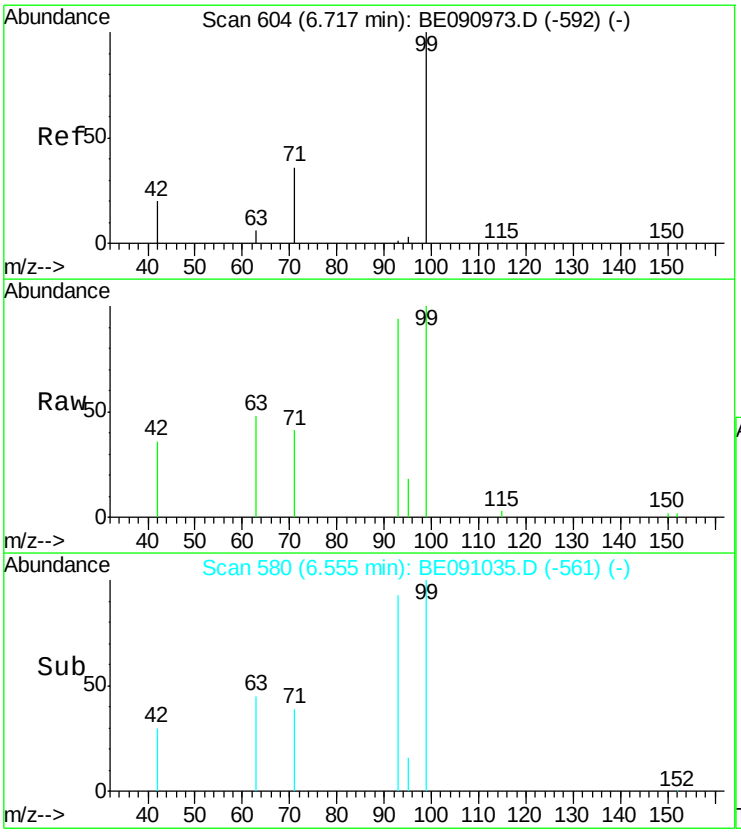
#4
2-Fluorophenol
Concen: 1.16 ng
RT: 4.94 min Scan# 345
Delta R.T. -0.06 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:112 Resp: 3906

Ion	Ratio	Lower	Upper
112	100		
64	79.3	30.9	46.3#
63	41.9	16.7	25.1#

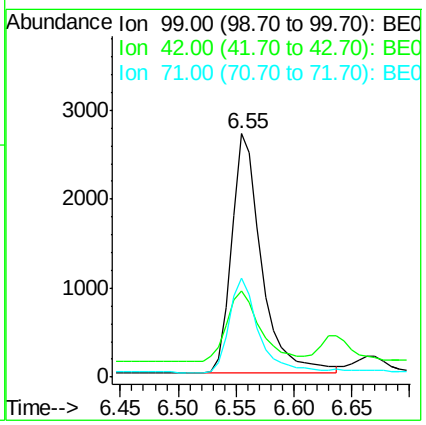


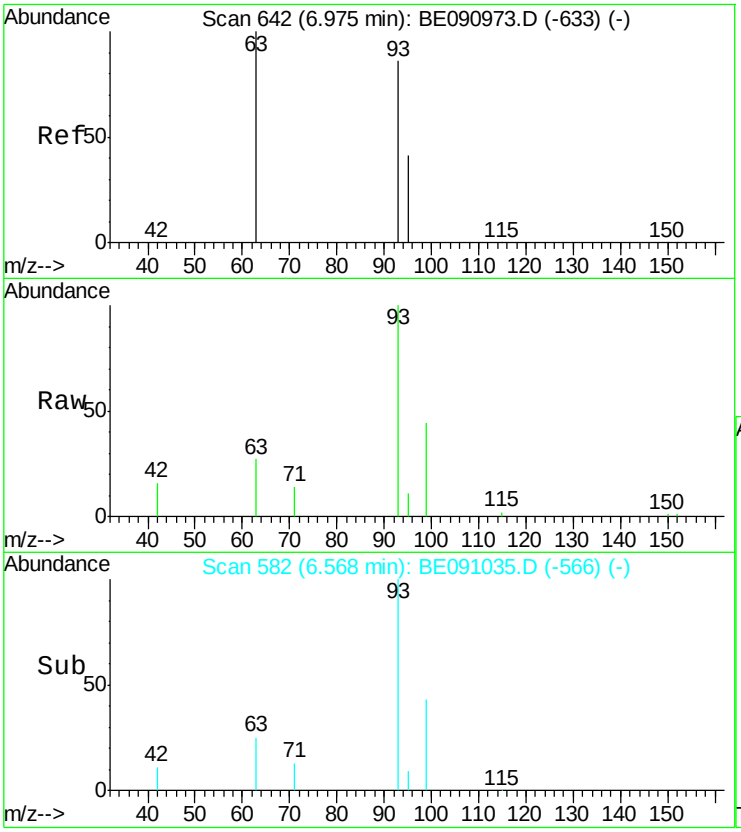


#5
Phenol-d6
Concen: 1.07 ng
RT: 6.55 min Scan# 580
Delta R.T. -0.07 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion: 99 Resp: 4821

Ion	Ratio	Lower	Upper
99	100		
42	34.2	16.2	24.2#
71	39.6	29.0	43.4



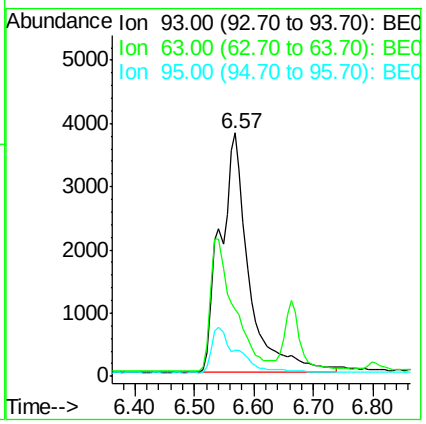


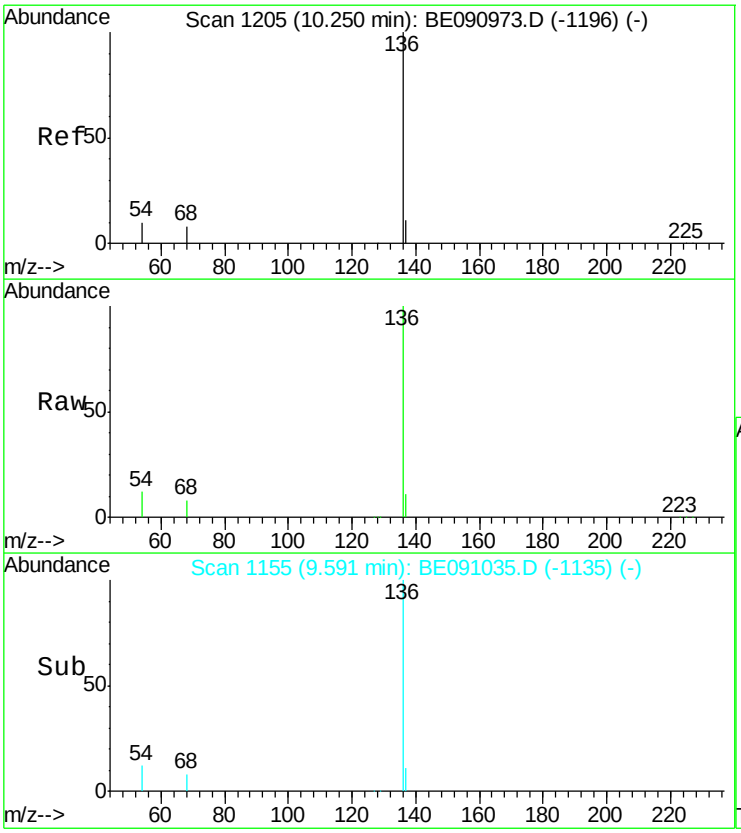
#6
bis(2-Chloroethyl)ether
Concen: 2.70 ng
RT: 6.57 min Scan# 582
Delta R.T. -0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 93 Resp: 12857

Ion	Ratio	Lower	Upper
93	100		
63	0.0	49.5	74.3#
95	0.0	22.2	33.4#

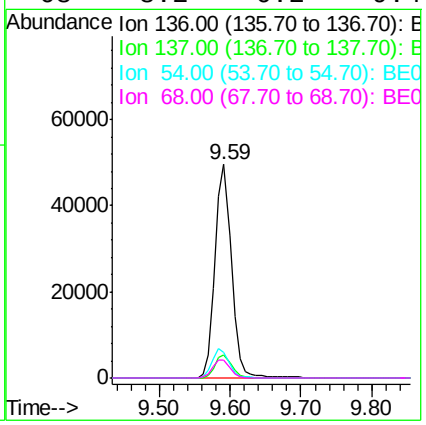


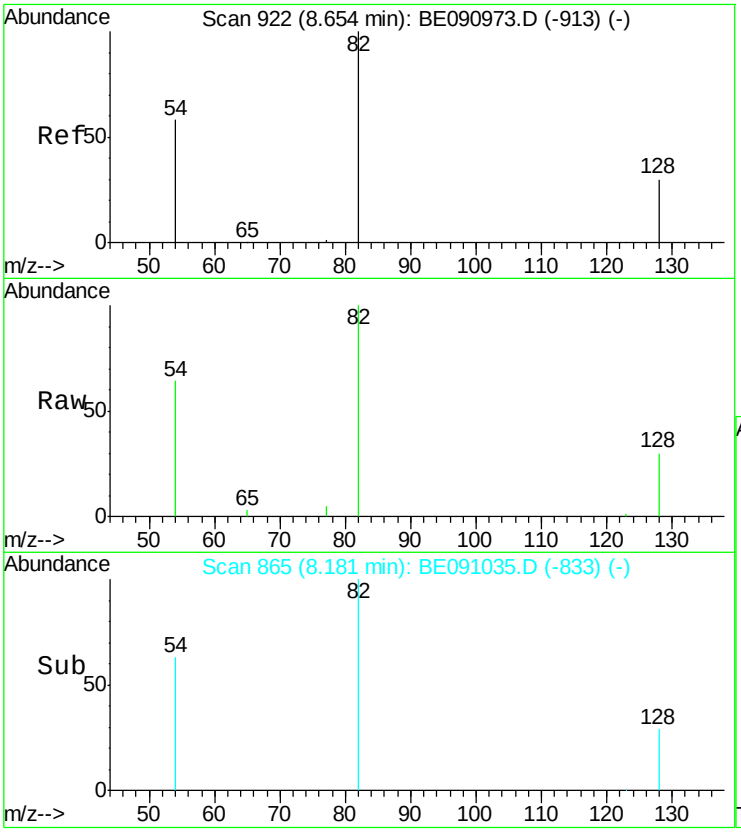


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.59 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:136 Resp: 79254

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	12.3	8.2	12.4
68	8.2	6.2	9.4



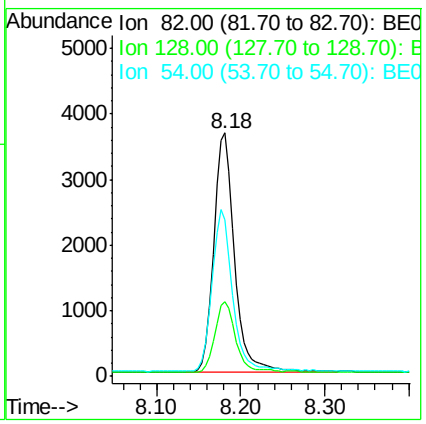


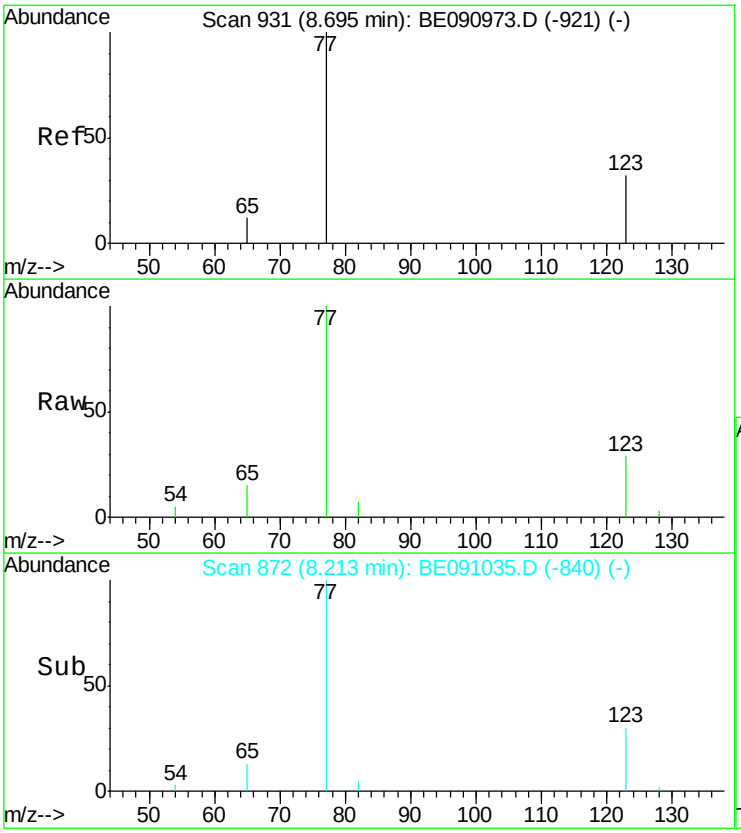
#8
Nitrobenzene-d5
Concen: 1.35 ng
RT: 8.18 min Scan# 865
Delta R.T. -0.06 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 6331

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.4	38.0
54	64.2	48.4	72.6

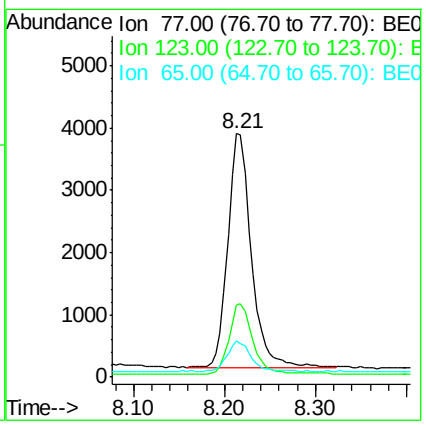


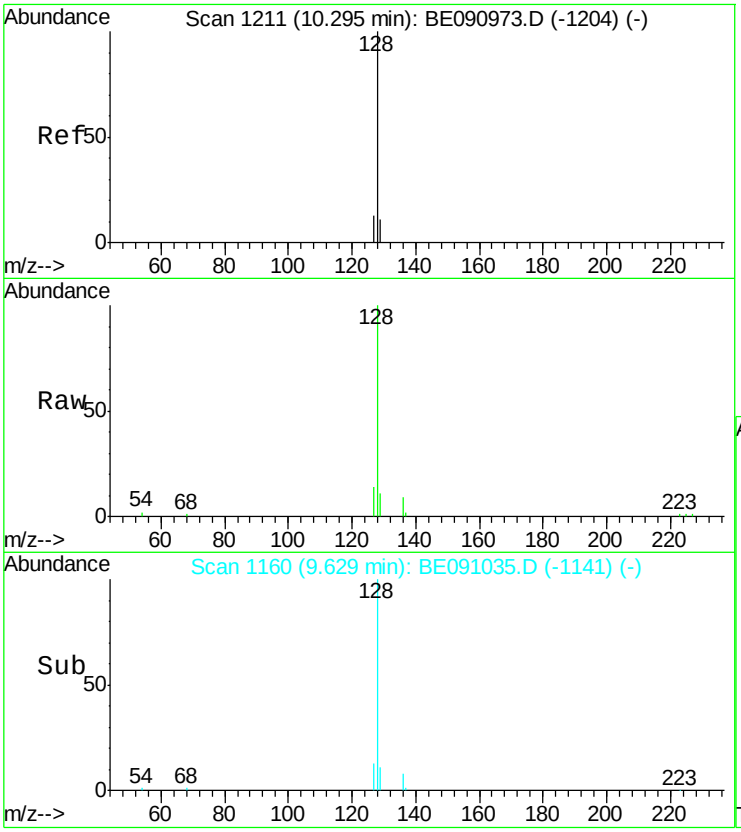


#9
Nitrobenzene
Concen: 1.35 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.06 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion: 77 Resp: 6718

Ion	Ratio	Lower	Upper
77	100		
123	29.9	26.9	40.3
65	12.7	9.4	14.2



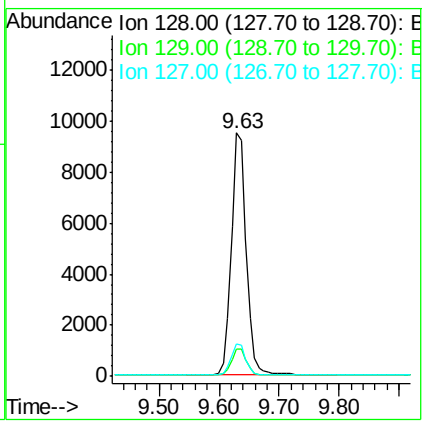


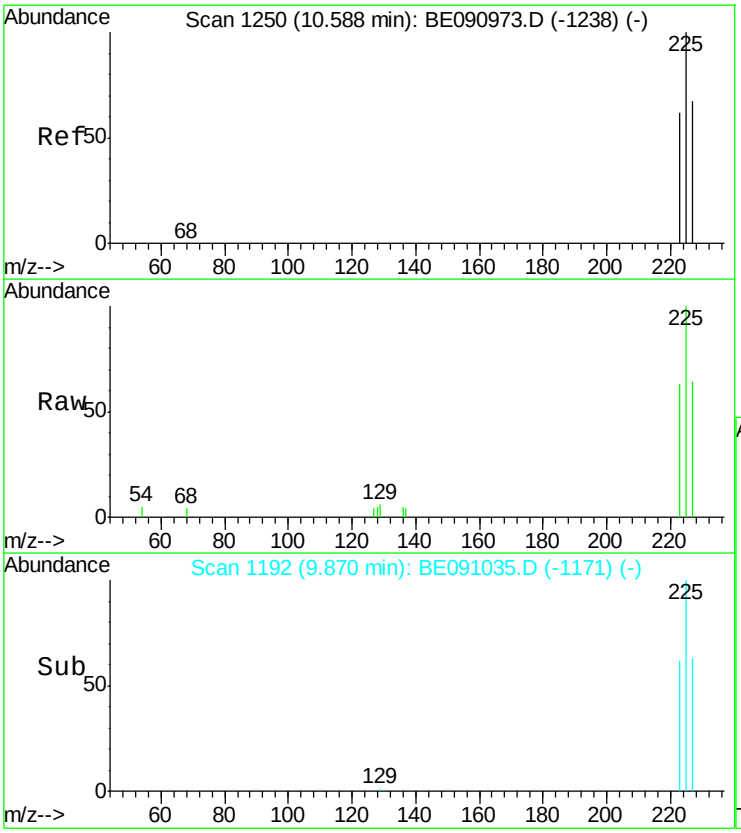
#10
Naphthalene
Concen: 1.01 ng
RT: 9.63 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 16371

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.6	10.7	16.1

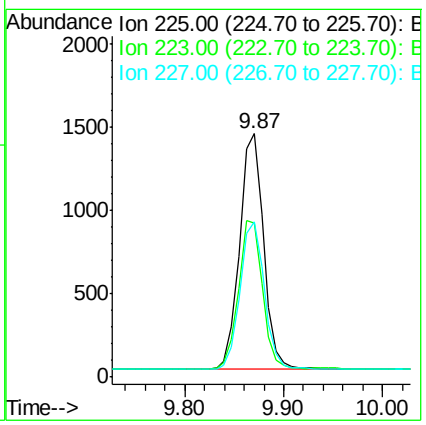


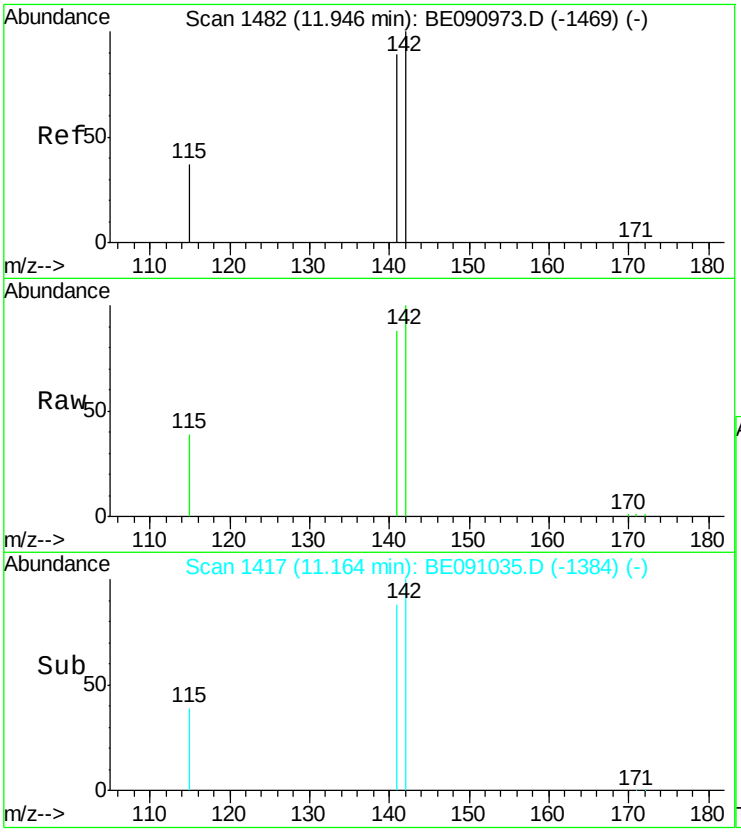


#11
Hexachlorobutadiene
Concen: 0.84 ng
RT: 9.87 min Scan# 1192
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:225 Resp: 2362

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.6
227	63.5	50.3	75.5



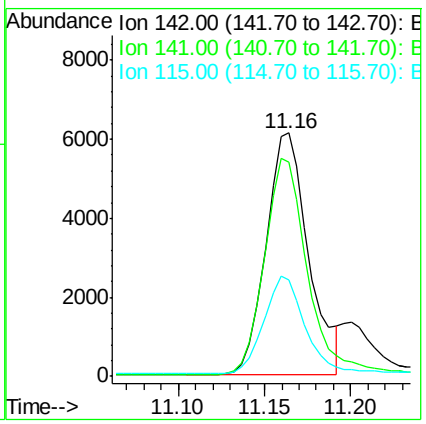


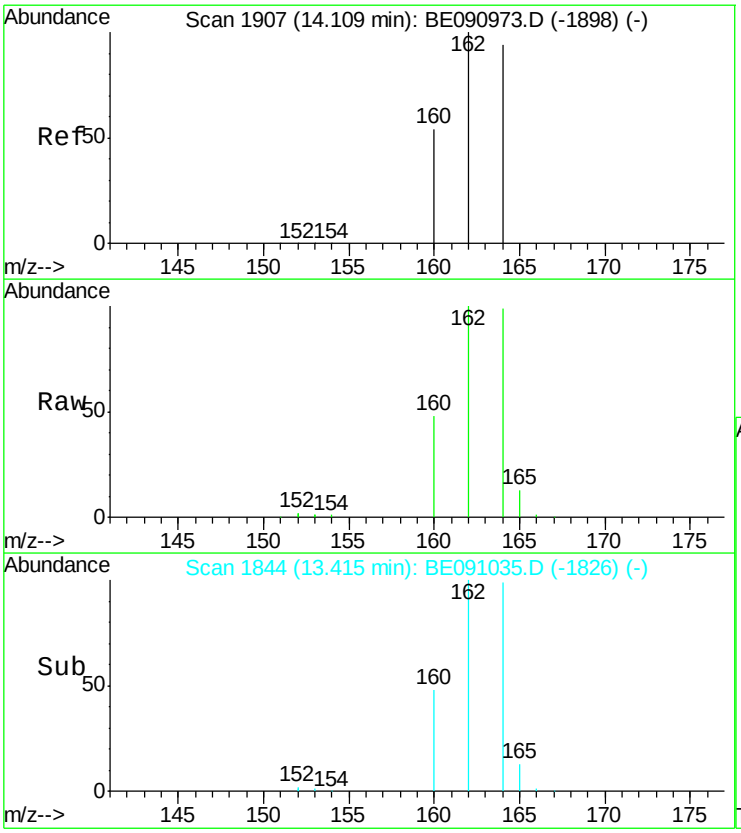
#12
2-Methylnaphthalene
Concen: 1.04 ng
RT: 11.16 min Scan# 1417
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 10470

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.0
115	39.4	30.3	45.5

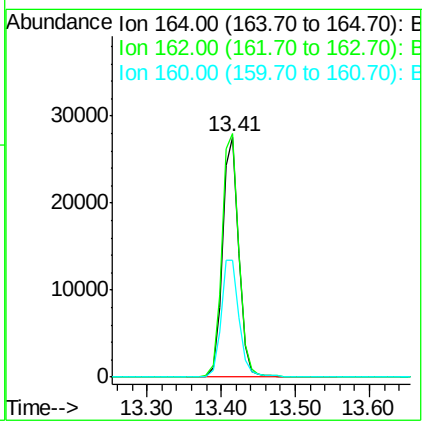


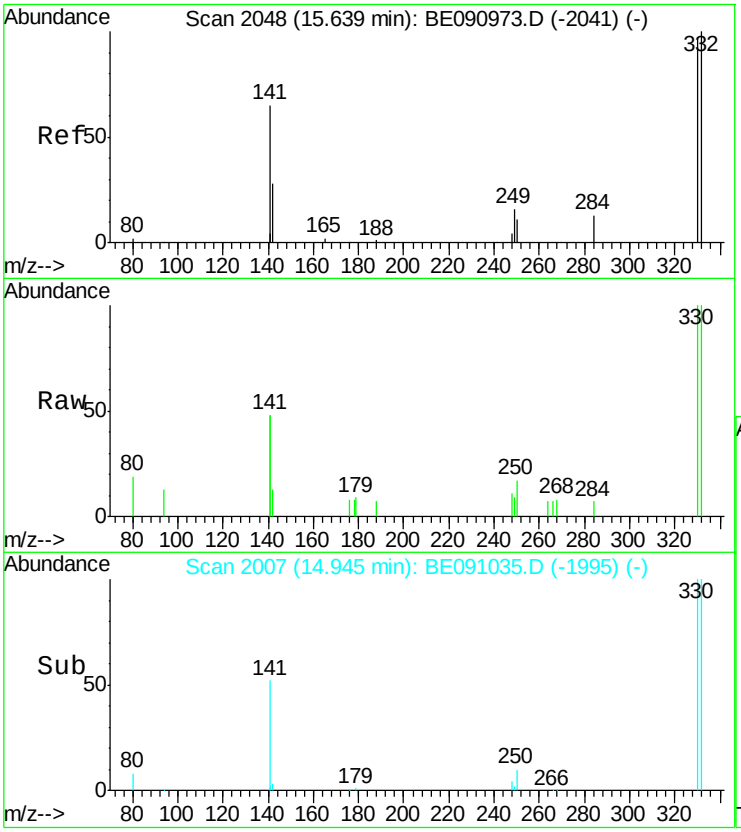


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.41 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:164 Resp: 41979

Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.3	127.9
160	48.9	46.2	69.2



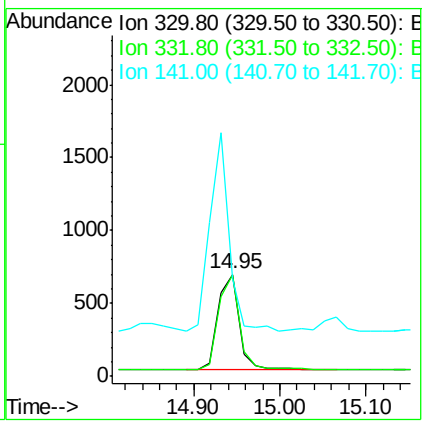


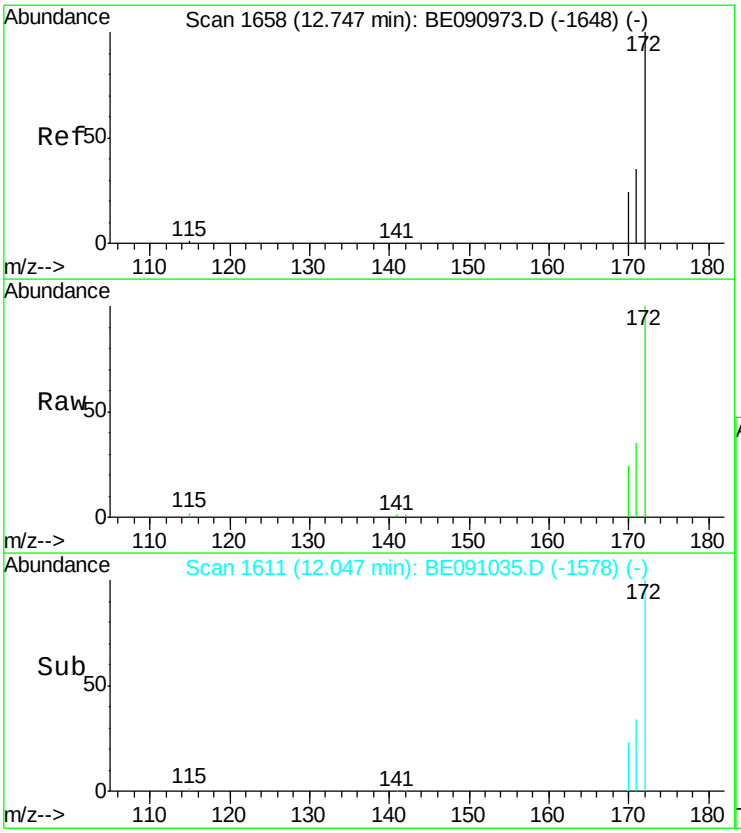
#14
2,4,6-Tribromophenol
Concen: 0.93 ng
RT: 14.95 min Scan# 2007
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 1130

Ion	Ratio	Lower	Upper
330	100		
332	99.0	79.1	118.7
141	188.4	125.4	188.0#

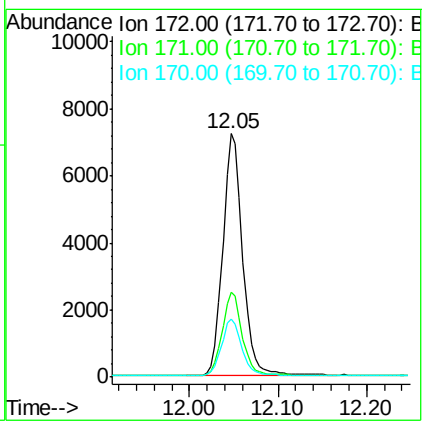


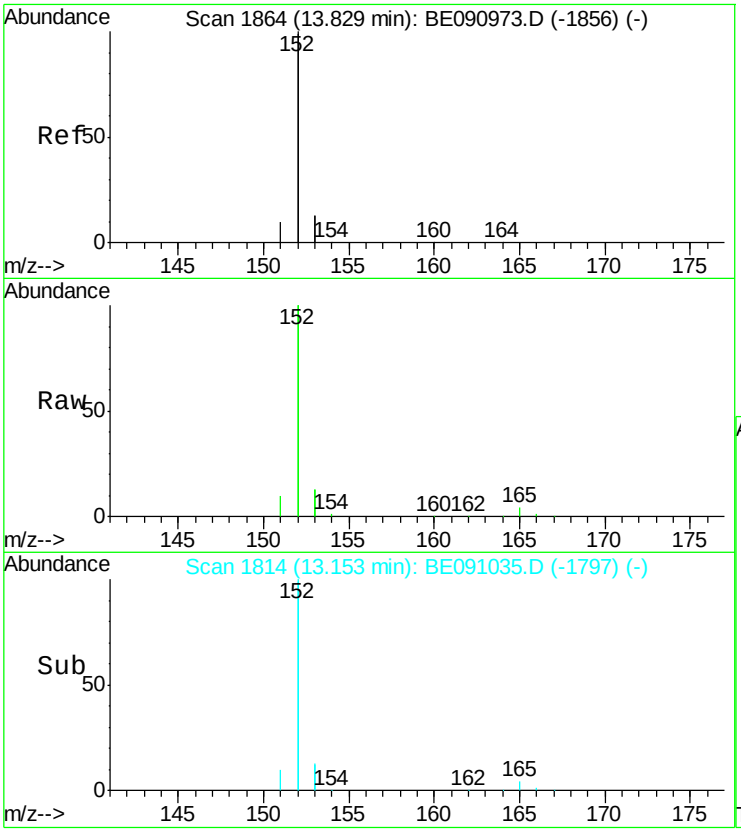


#15
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 12.05 min Scan# 1611
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:172 Resp: 11218

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	23.6	19.3	28.9



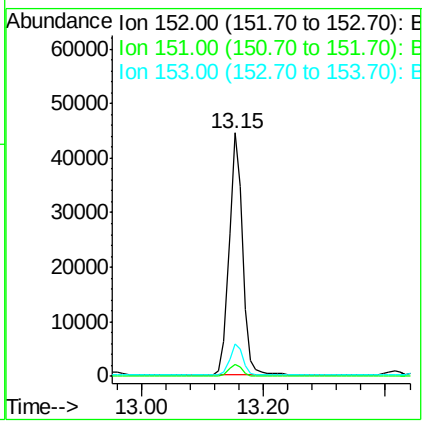


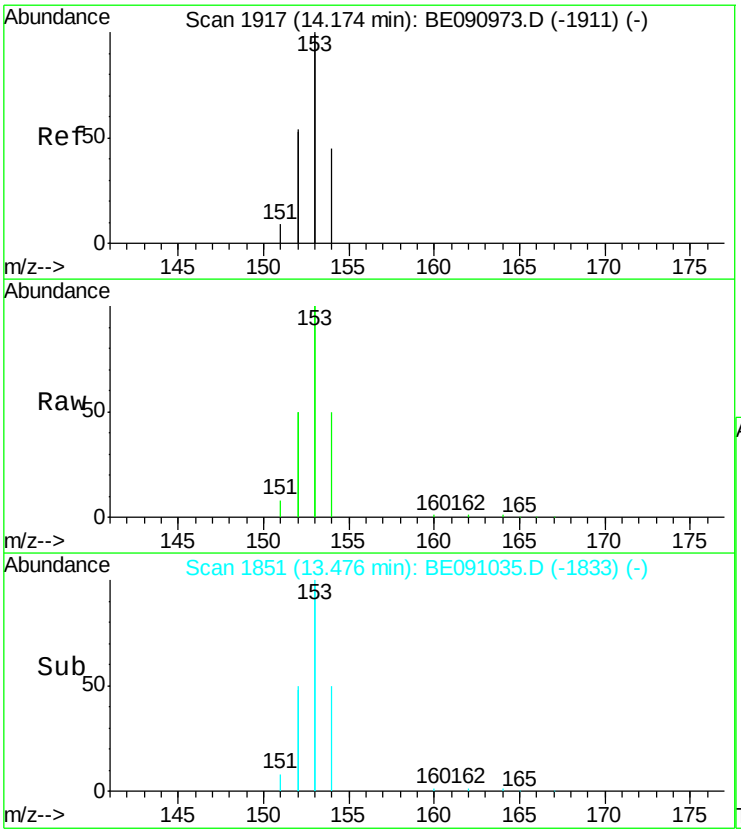
#16
Acenaphthylene
Concen: 0.98 ng
RT: 13.15 min Scan# 1814
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 68521

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.7	10.3	15.5

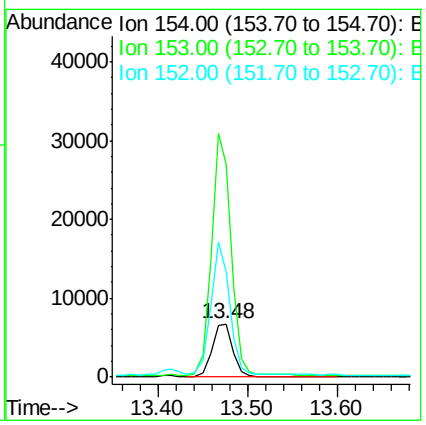


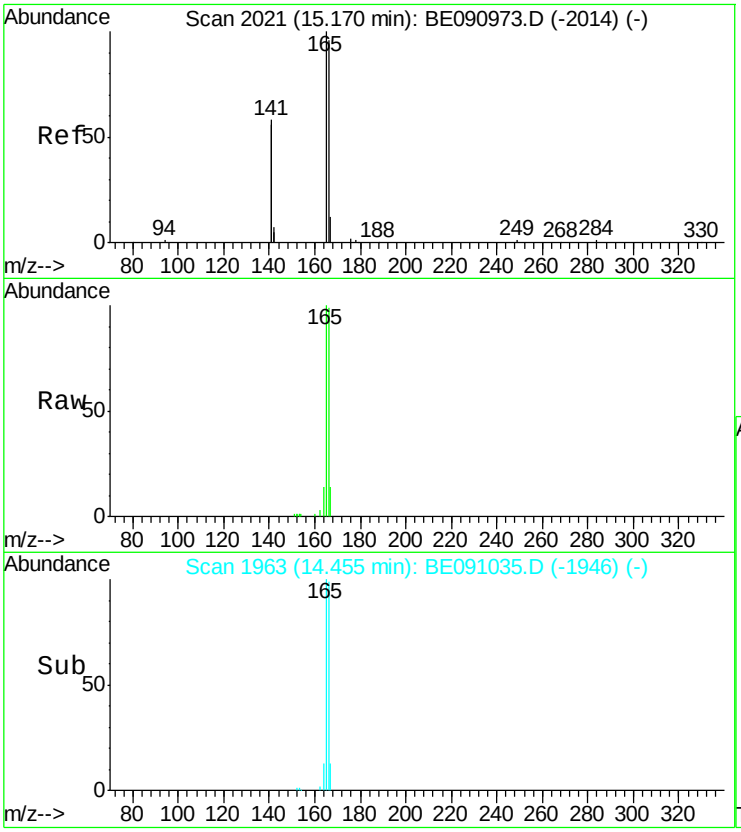


#17
Acenaphthene
Concen: 0.95 ng
RT: 13.48 min Scan# 1851
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:154 Resp: 10690

Ion	Ratio	Lower	Upper
154	100		
153	440.4	352.0	528.0
152	231.3	200.0	300.0



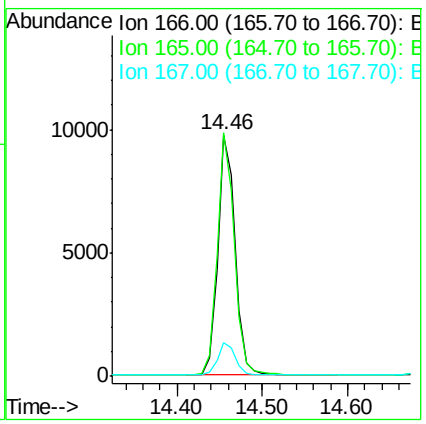


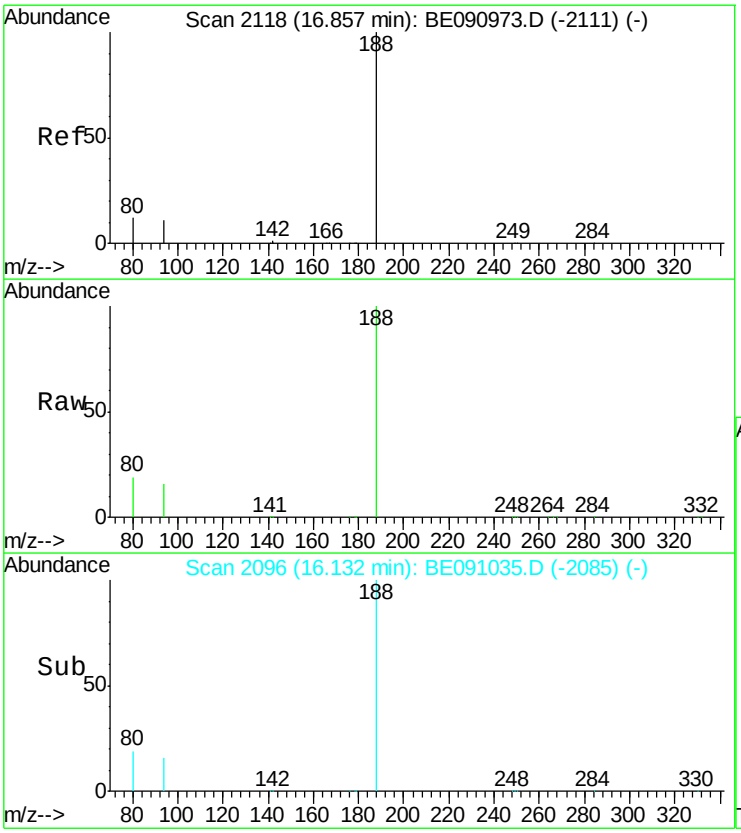
#18
Fluorene
Concen: 1.00 ng
RT: 14.46 min Scan# 1963
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 13836

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.8	121.2
167	13.7	10.9	16.3

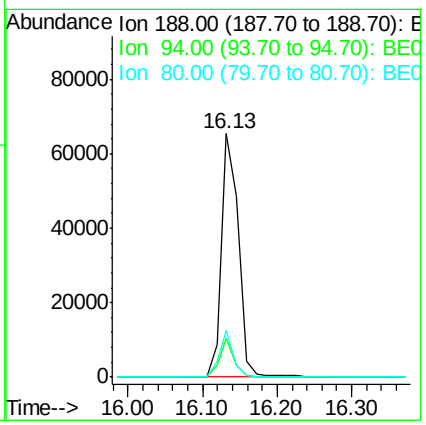


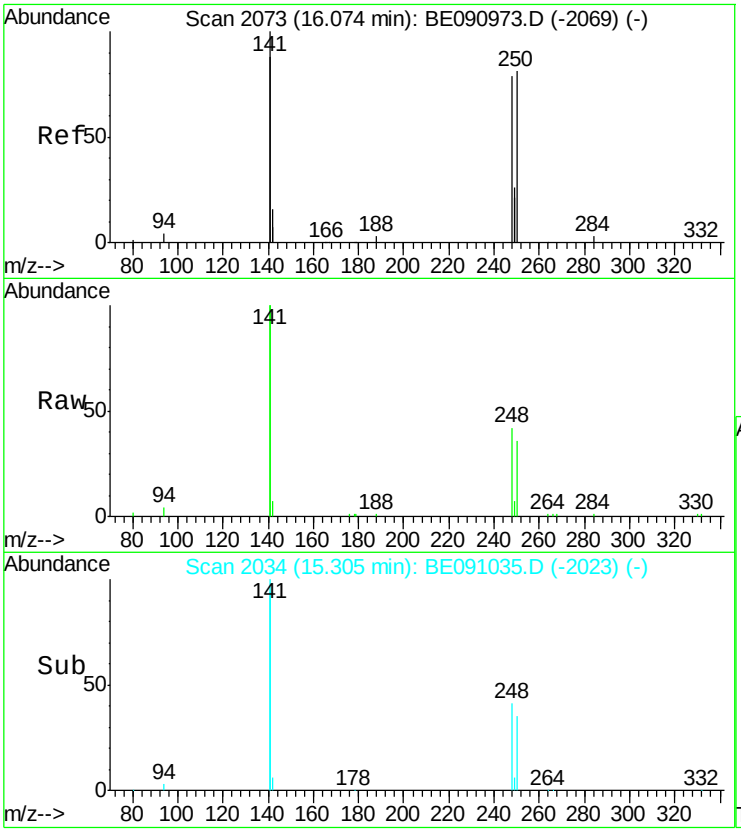


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.13 min Scan# 2096
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:188 Resp: 103260

Ion	Ratio	Lower	Upper
188	100		
94	16.1	8.7	13.1#
80	18.9	9.4	14.0#



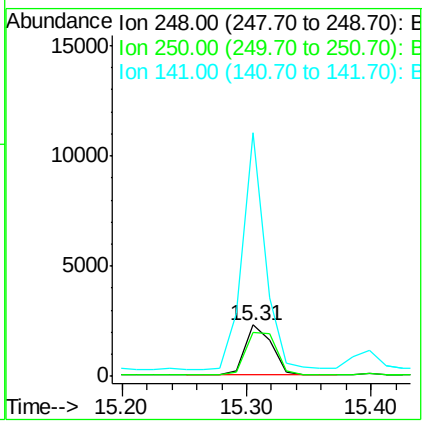


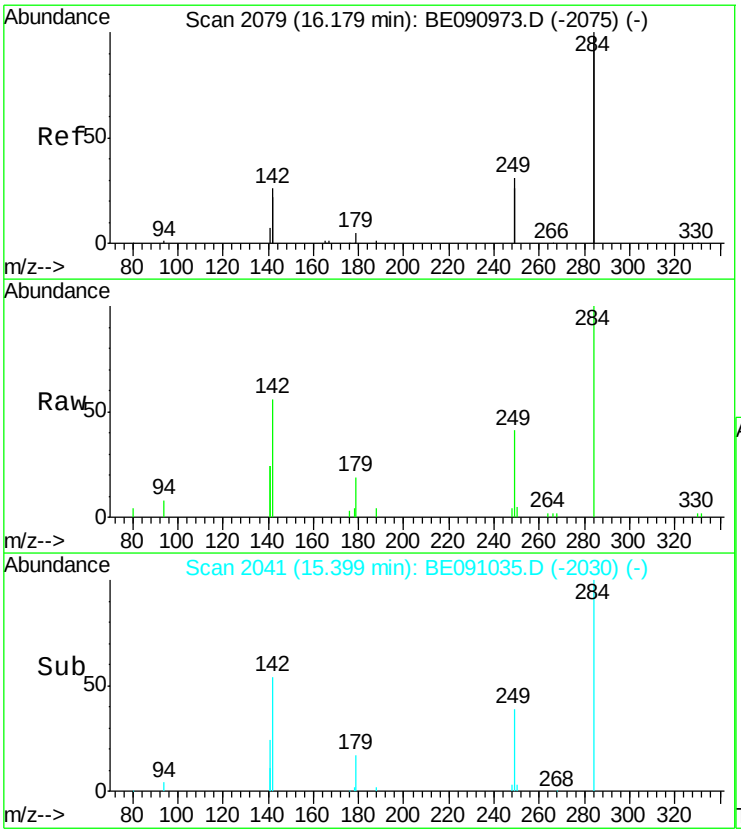
#20
4-Bromophenyl-phenylether
Concen: 0.89 ng
RT: 15.31 min Scan# 2034
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 3460

Ion	Ratio	Lower	Upper
248	100		
250	96.4	80.5	120.7
141	392.9	261.9	392.9

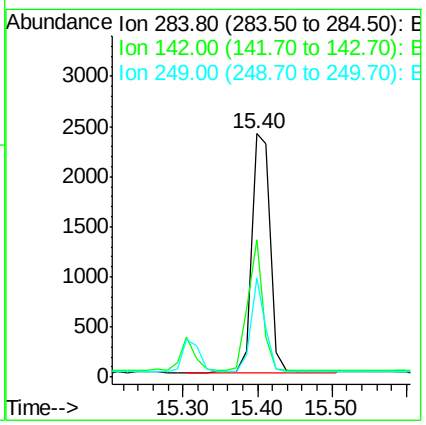


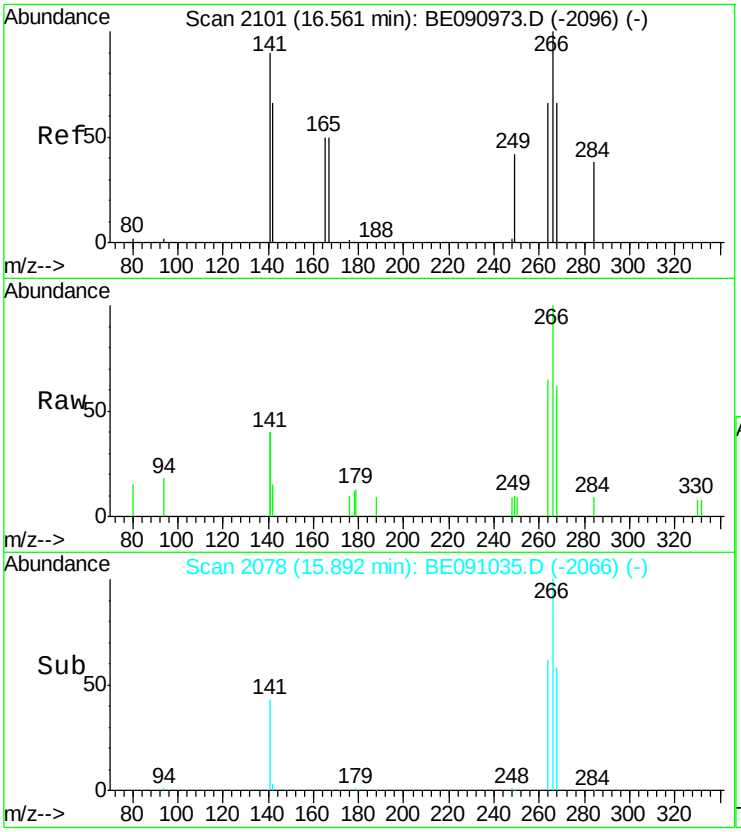


#21
Hexachlorobenzene
Concen: 0.12 ng
RT: 15.40 min Scan# 2041
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:284 Resp: 4117

Ion	Ratio	Lower	Upper
284	100		
142	44.7	32.2	48.2
249	31.2	25.4	38.2



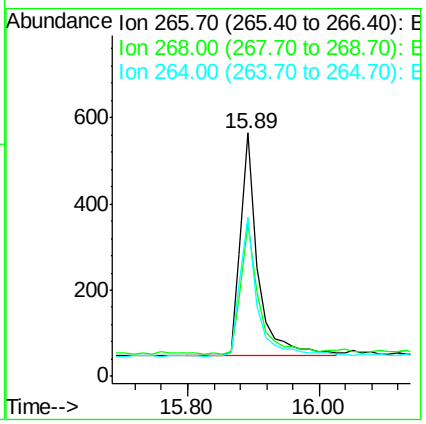


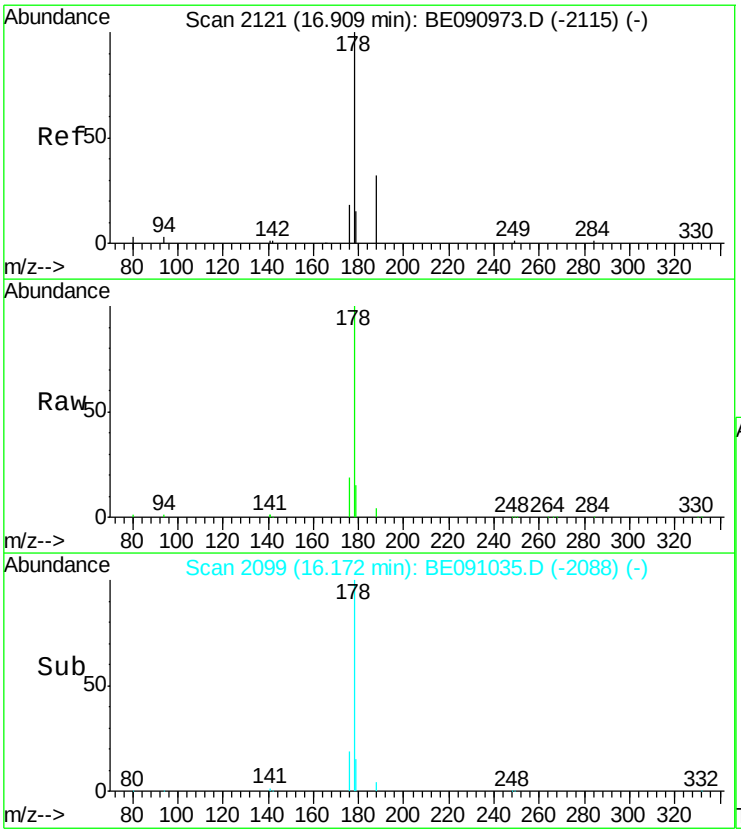
#22
Pentachlorophenol
Concen: 0.87 ng
RT: 15.89 min Scan# 2078
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 970

Ion	Ratio	Lower	Upper
266	100		
268	62.5	58.2	87.2
264	65.5	56.2	84.4

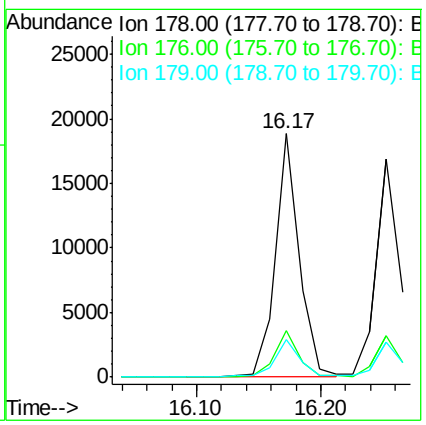


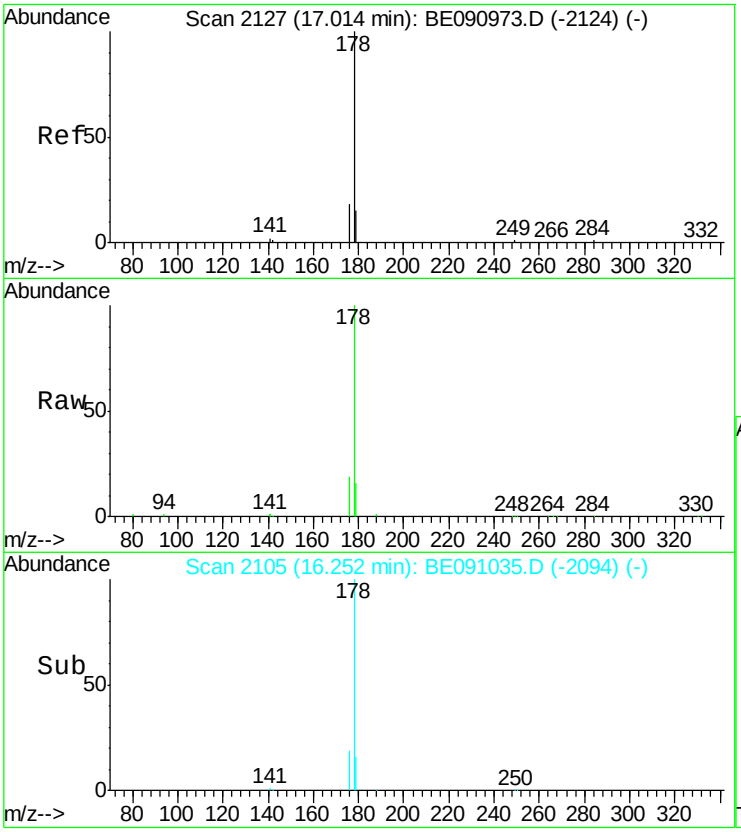


#23
Phenanthrene
Concen: 0.99 ng
RT: 16.17 min Scan# 2099
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:178 Resp: 24514

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.6	18.8



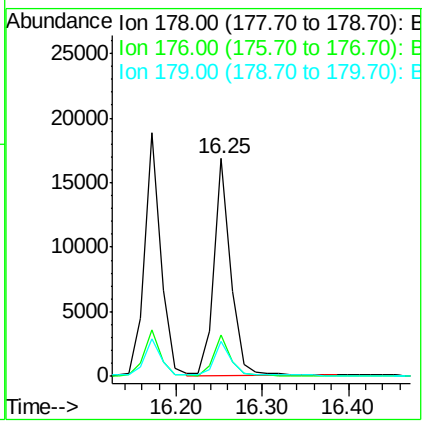


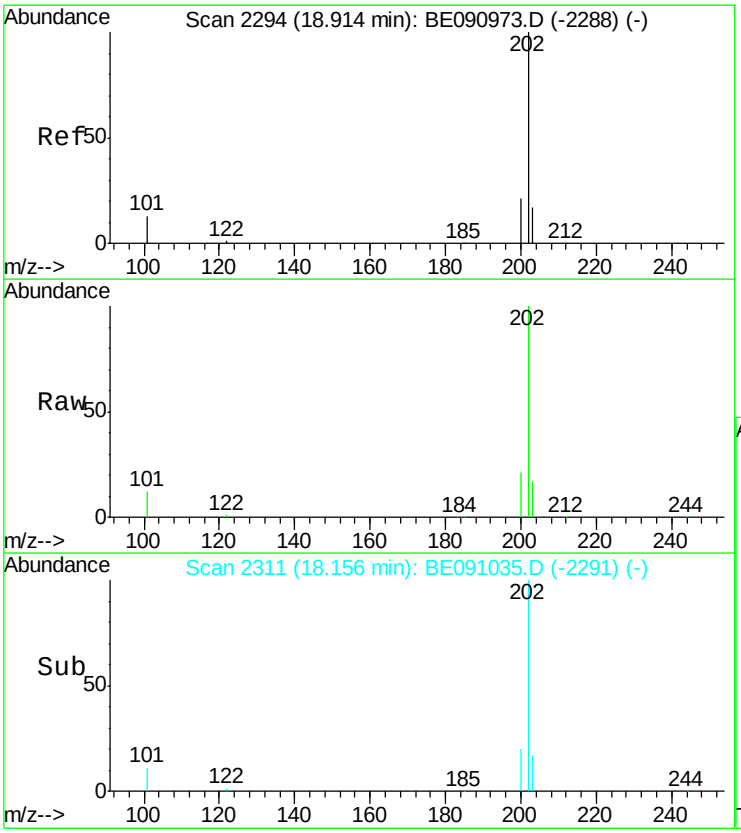
#24
Anthracene
Concen: 1.02 ng
RT: 16.25 min Scan# 2105
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 22625

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.6	11.8	17.6

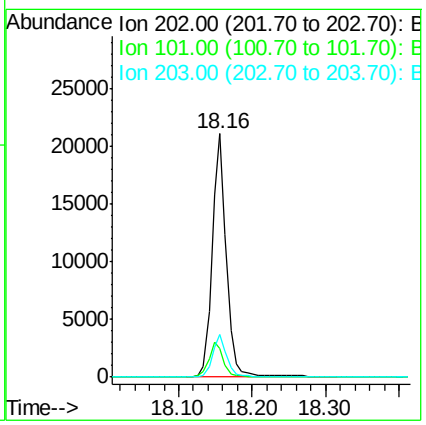


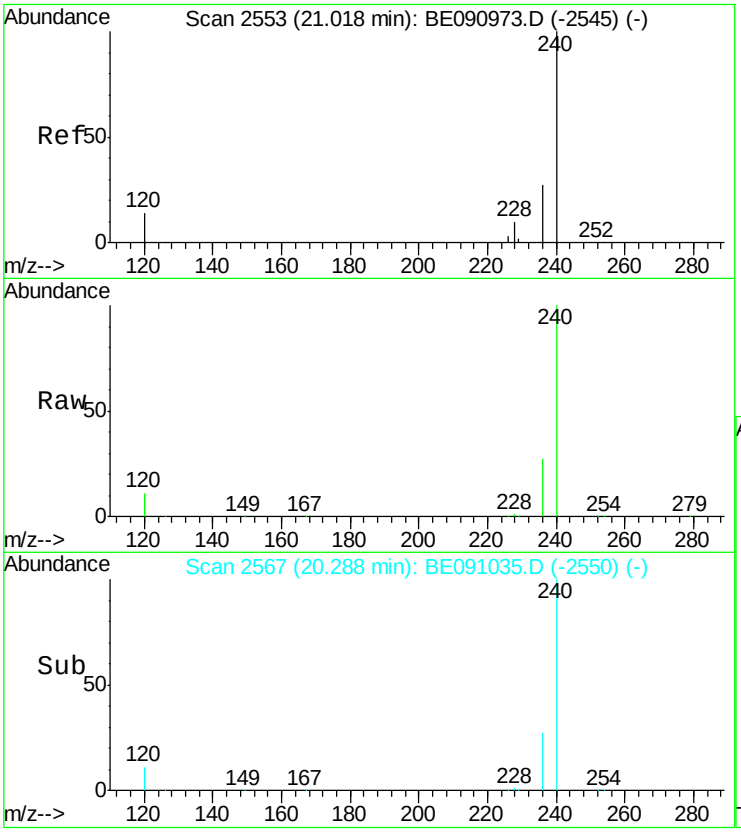


#25
Fluoranthene
Concen: 1.02 ng
RT: 18.16 min Scan# 2311
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:202 Resp: 28214

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.2	13.9	20.9



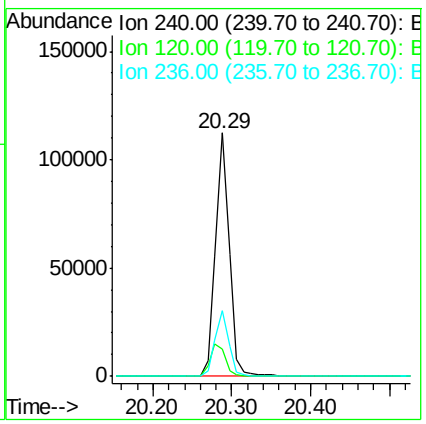


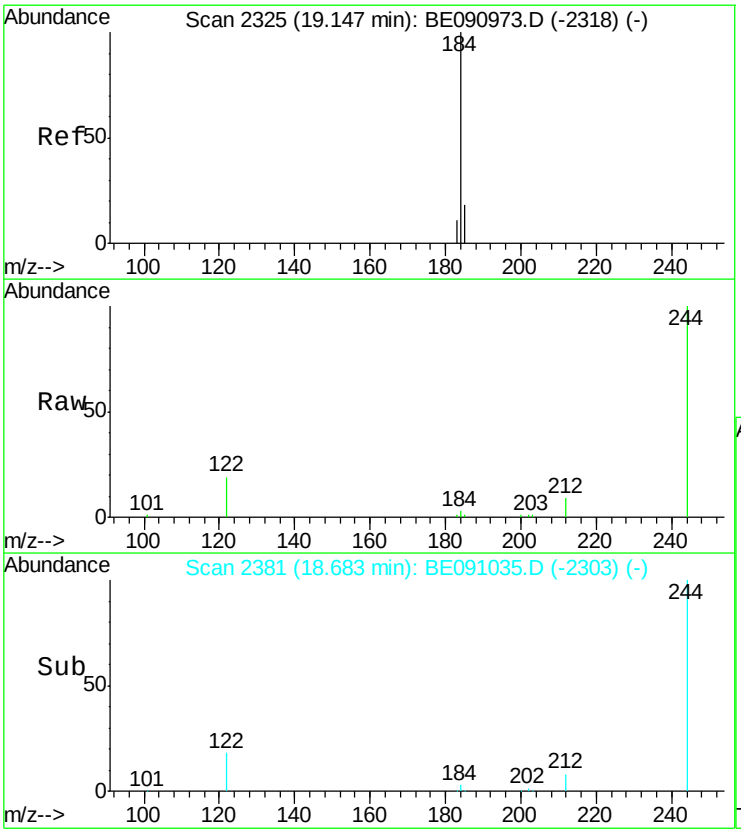
#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.29 min Scan# 2567
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 133451

Ion	Ratio	Lower	Upper
240	100		
120	11.2	11.0	16.4
236	27.0	21.7	32.5

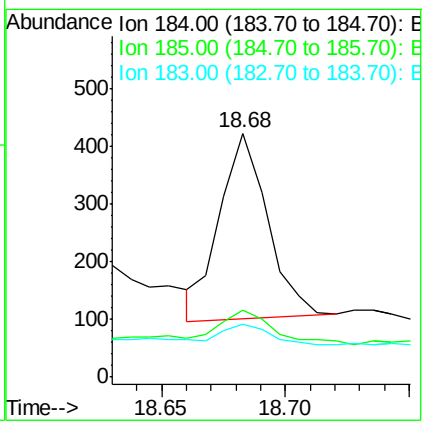


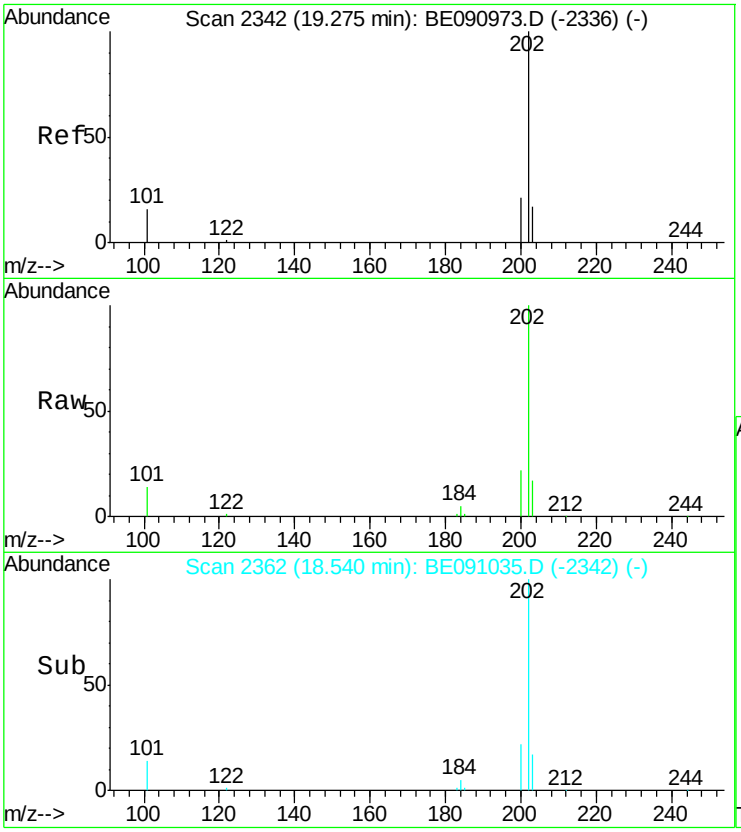


#27
Benzidine
Concen: 0.11 ng
RT: 18.68 min Scan# 2381
Delta R.T. 0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:184 Resp: 433

Ion	Ratio	Lower	Upper
184	100		
185	27.7	22.3	33.5
183	21.7	16.4	24.6



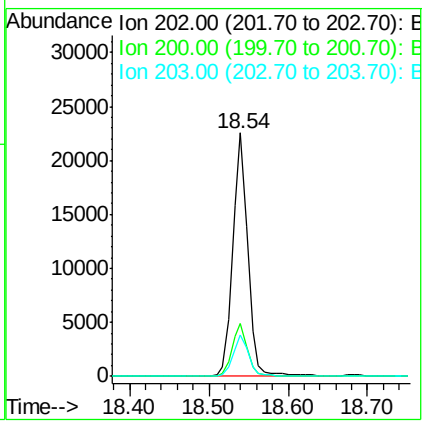


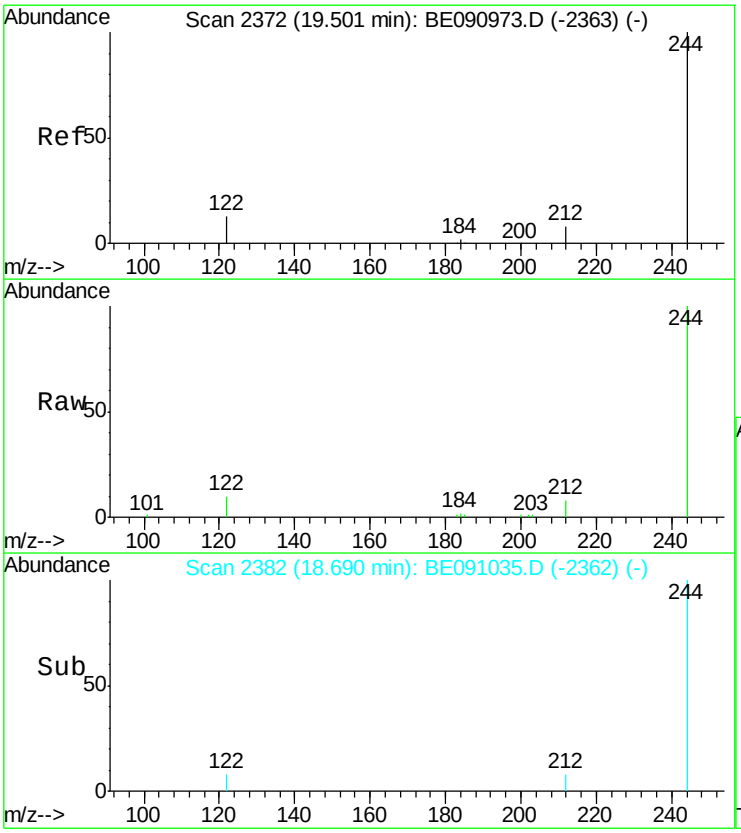
#28
Pyrene
Concen: 0.95 ng
RT: 18.54 min Scan# 2362
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 29270

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	17.2	14.0	21.0

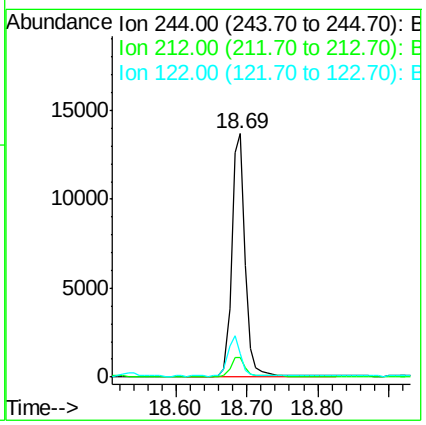


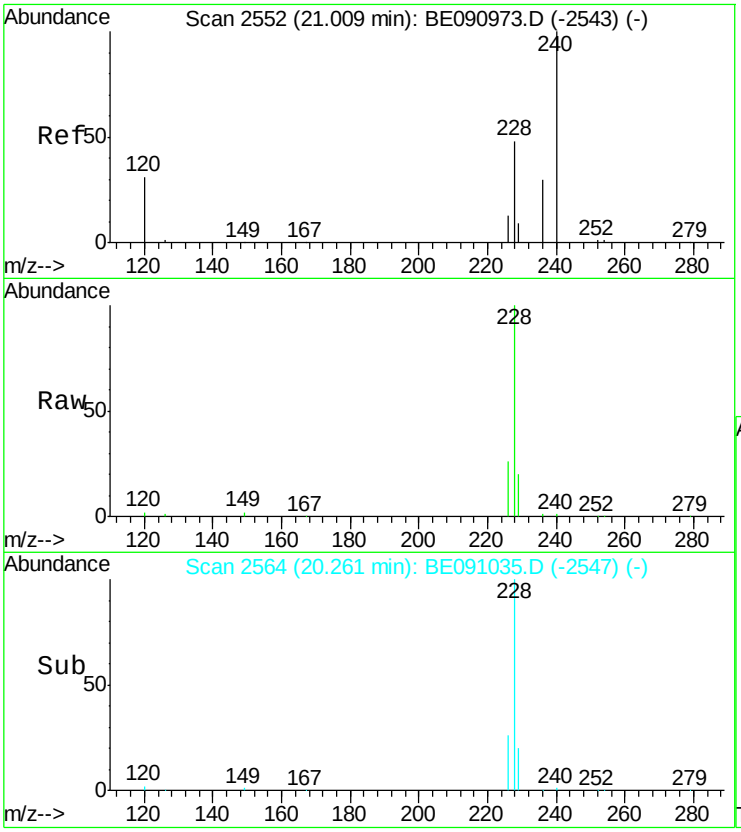


#29
Terphenyl-d14
Concen: 1.12 ng
RT: 18.69 min Scan# 2382
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:244 Resp: 17994

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.5	11.0	16.4#



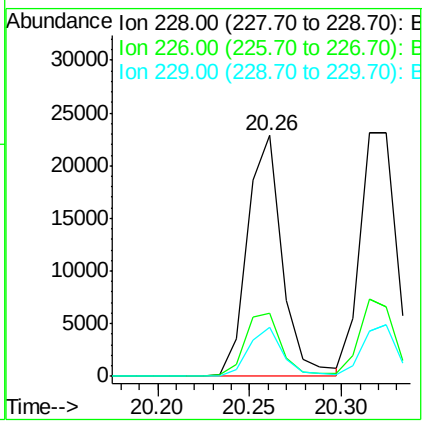


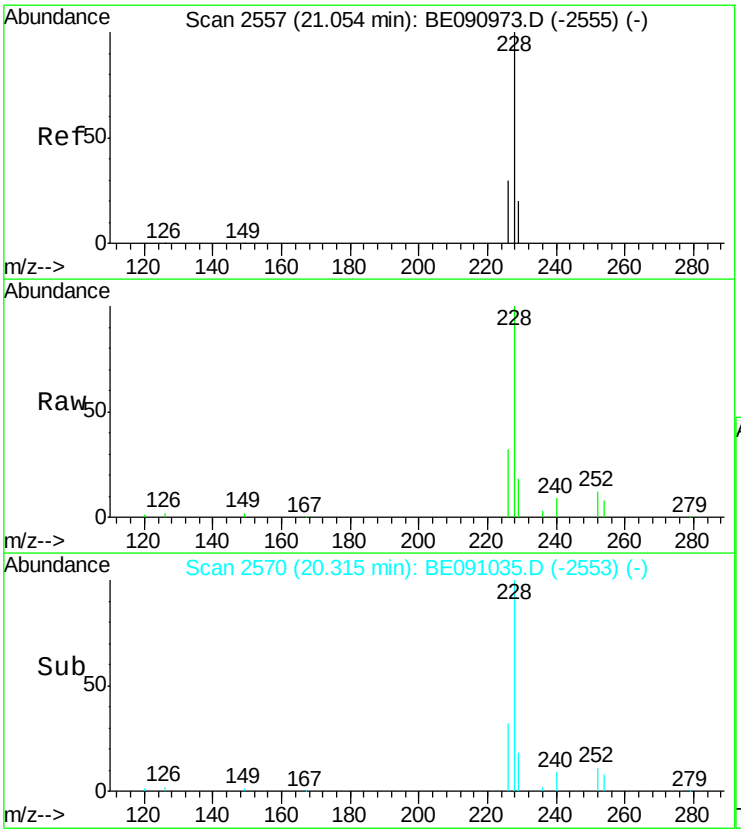
#30
Benzo(a)anthracene
Concen: 1.01 ng
RT: 20.26 min Scan# 2564
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 29986

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.4
229	20.5	15.7	23.5

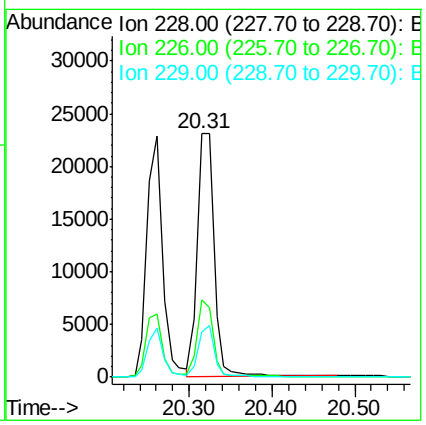


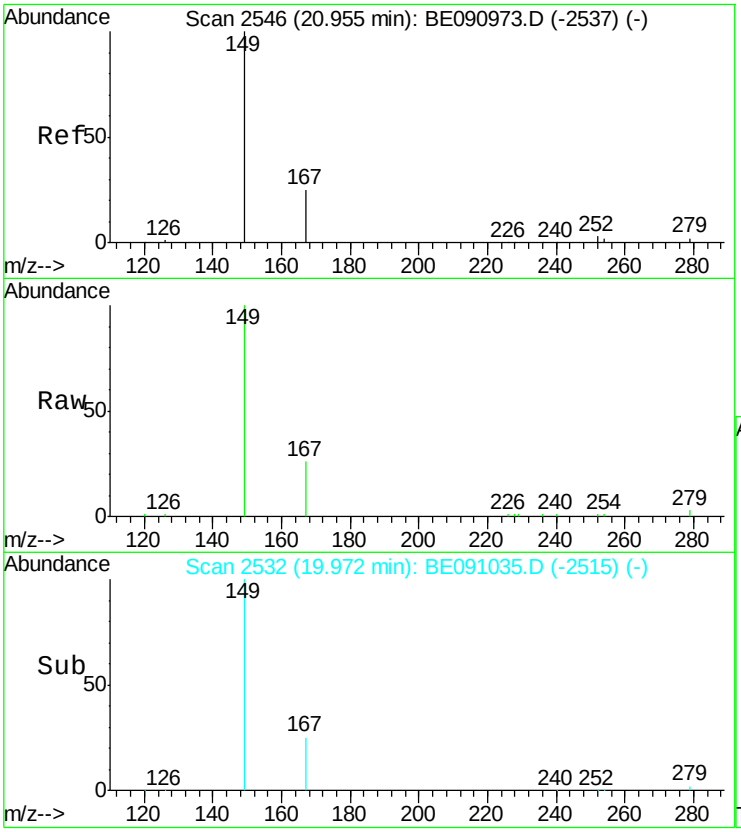


#32
Chrysene
Concen: 0.91 ng
RT: 20.31 min Scan# 2570
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:228 Resp: 32407

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	18.5	15.9	23.9



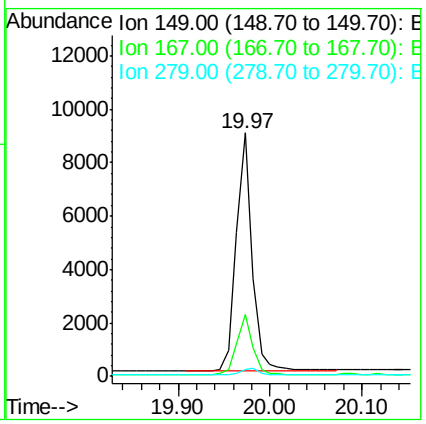


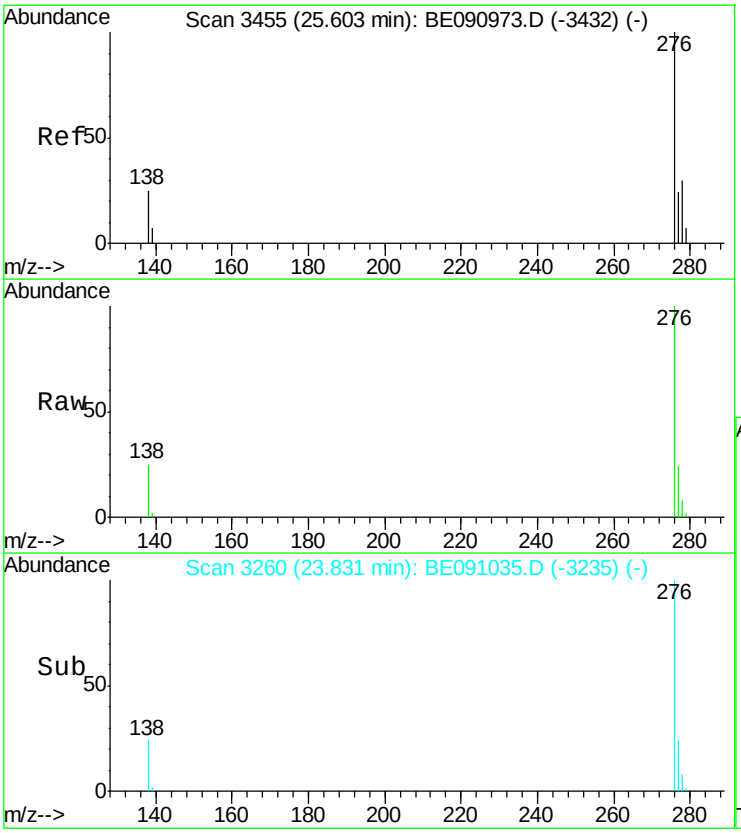
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.09 ng
RT: 19.97 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:149 Resp: 10735

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.5	29.3
279	2.8	2.3	3.5

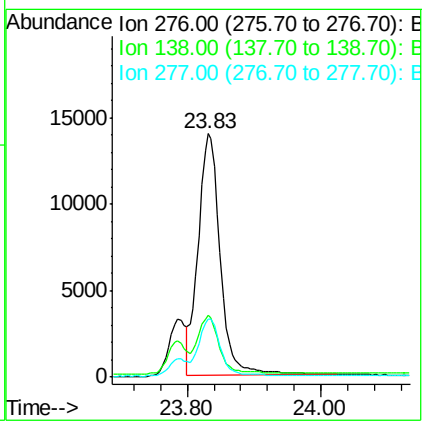


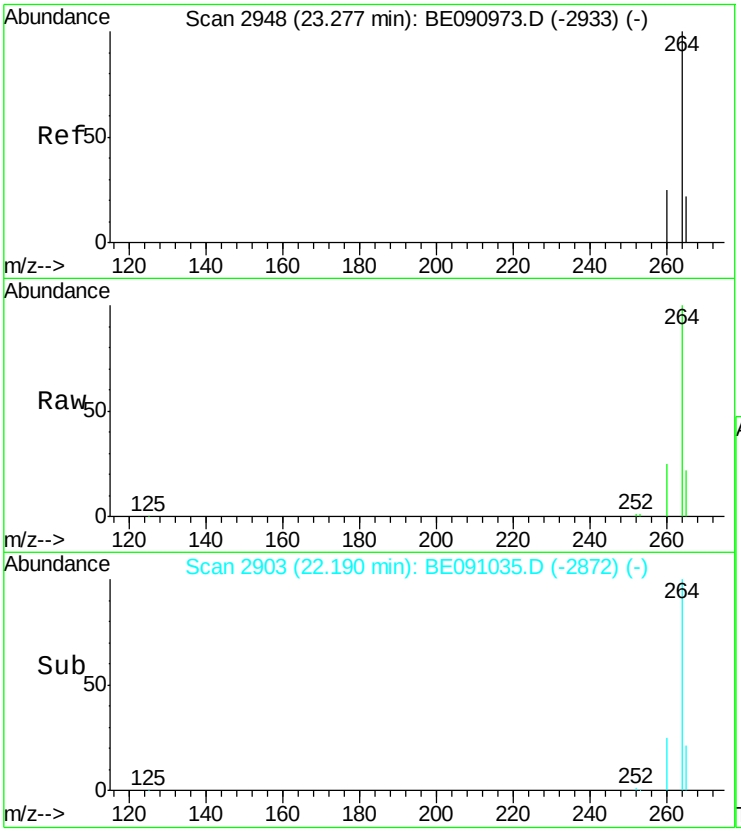


#34
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng
RT: 23.83 min Scan# 3260
Delta R.T. -0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:276 Resp: 32156

Ion	Ratio	Lower	Upper
276	100		
138	22.9	23.4	35.2#
277	23.0	19.8	29.8



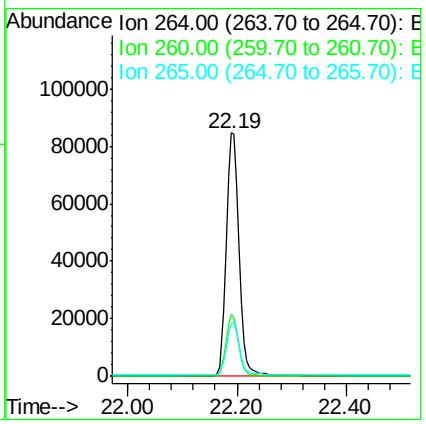


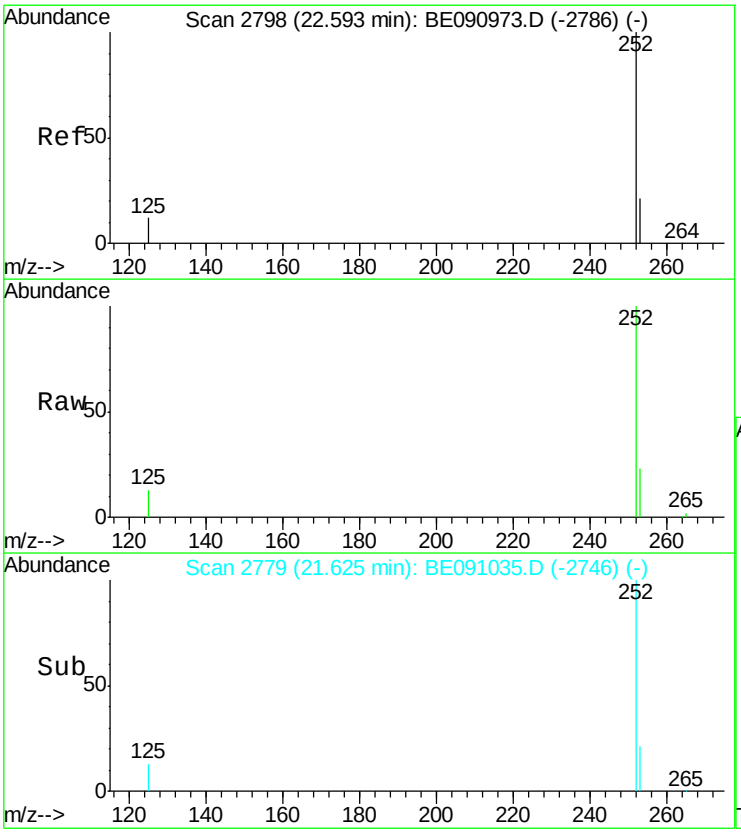
#35
Perylene-d12
Concen: 5.00 ng
RT: 22.19 min Scan# 2903
Delta R.T. -0.06 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 135702

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	21.9	17.5	26.3

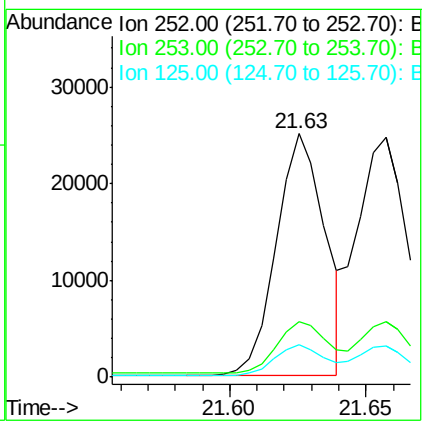


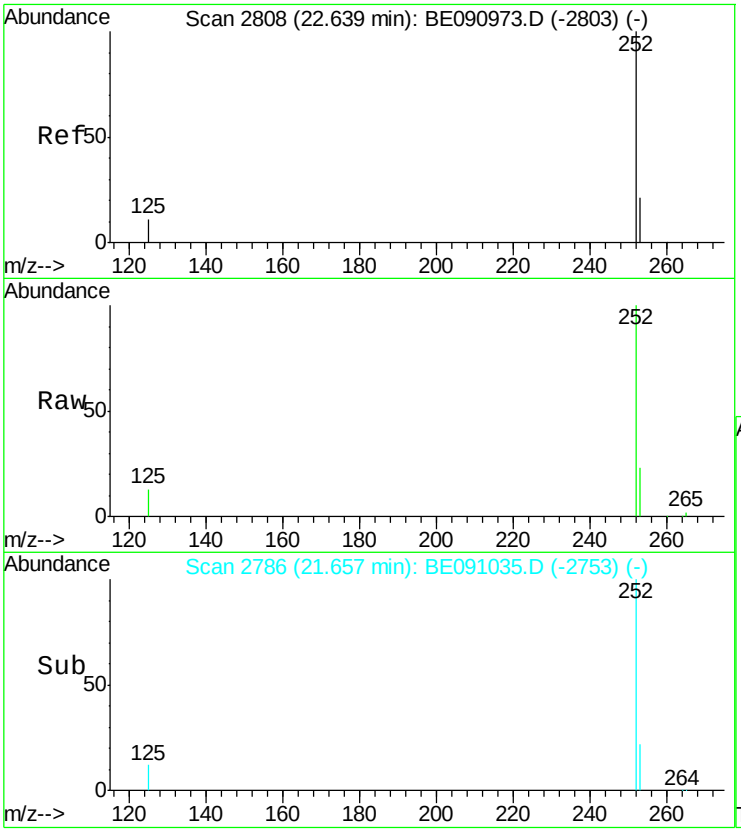


#36
Benzo(b)fluoranthene
Concen: 1.03 ng
RT: 21.63 min Scan# 2779
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:252 Resp: 30822

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	13.1	10.2	15.2



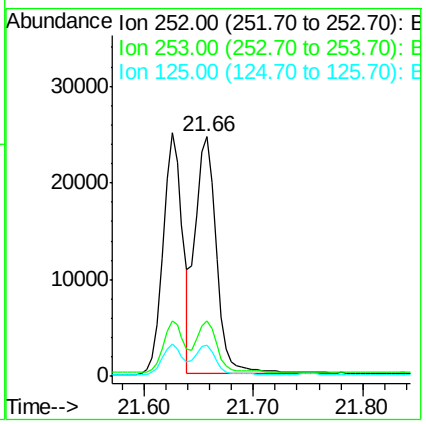


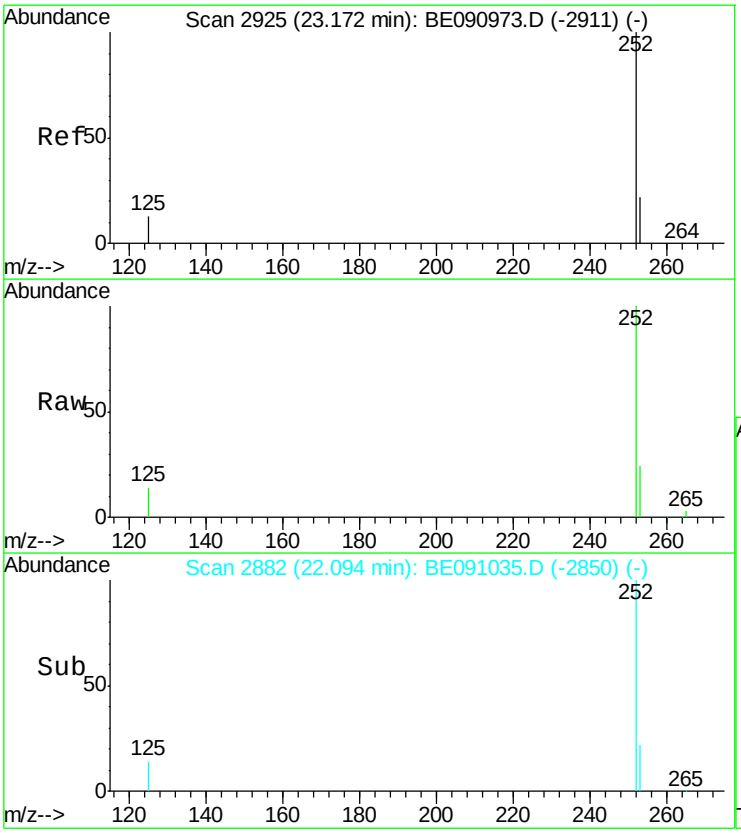
#37
Benzo(k)fluoranthene
Concen: 0.84 ng
RT: 21.66 min Scan# 2786
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 32966

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	12.8	9.9	14.9

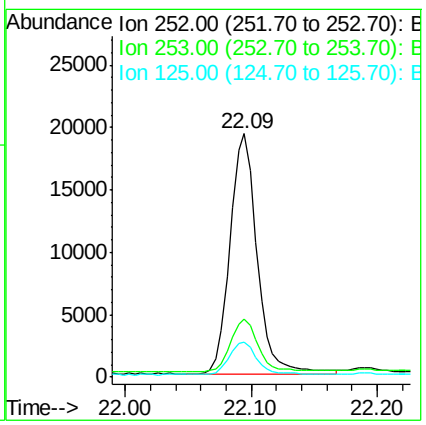


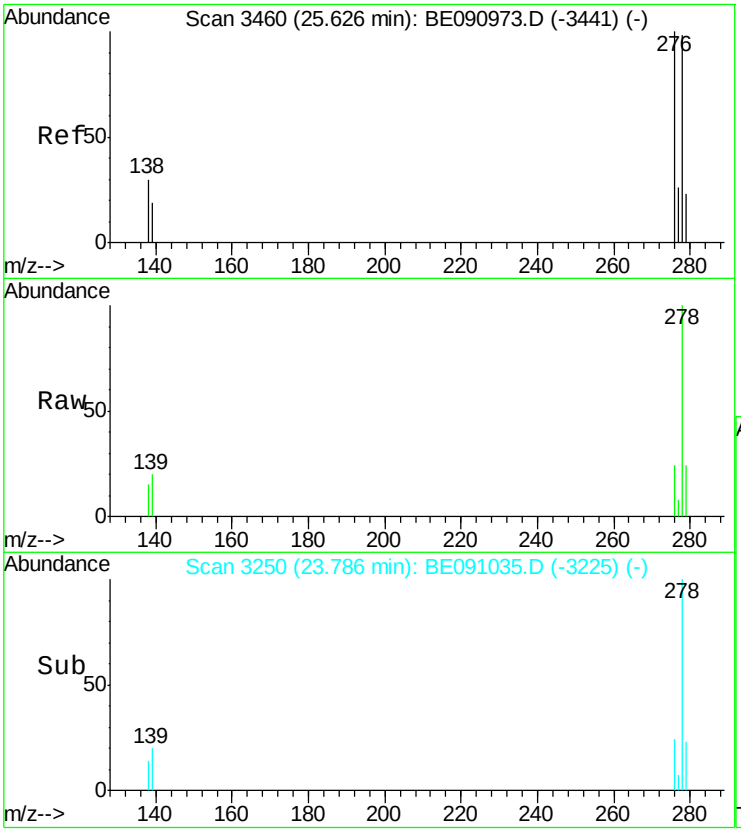


#38
Benzo(a)pyrene
Concen: 1.04 ng
RT: 22.09 min Scan# 2882
Delta R.T. -0.05 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:252 Resp: 28826

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	14.5	11.0	16.4



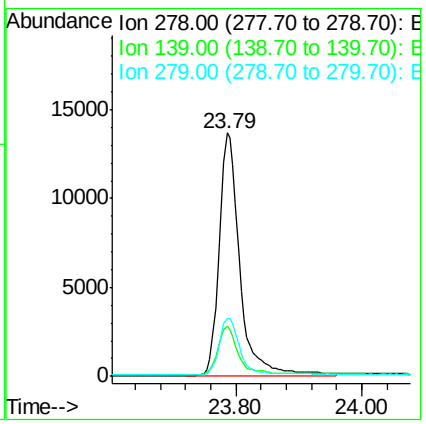


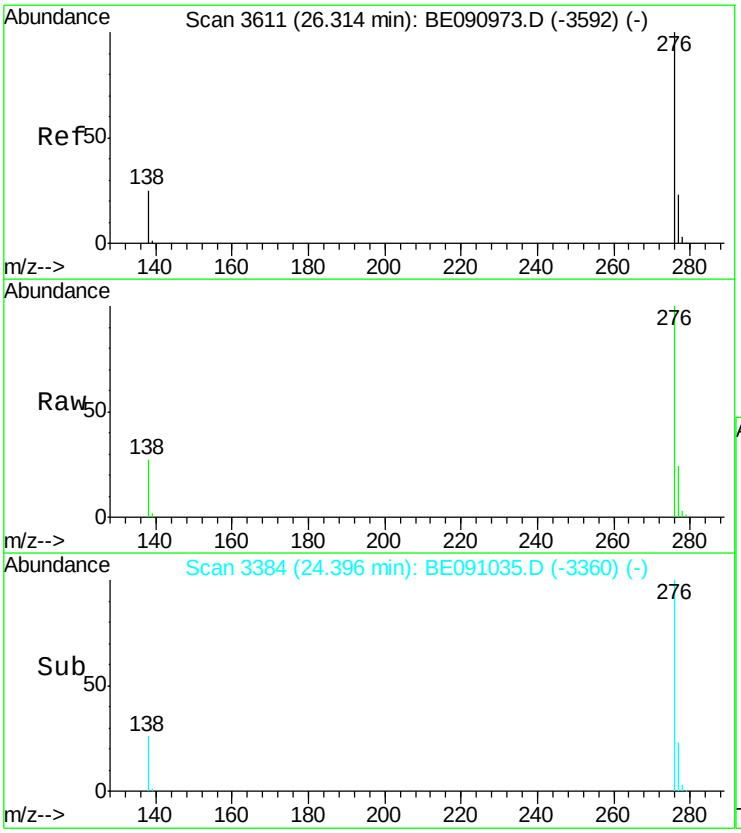
#39
Dibenzo(a,h)anthracene
Concen: 1.13 ng
RT: 23.79 min Scan# 3250
Delta R.T. -0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 30880

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.0	24.0
279	23.9	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 1.12 ng
RT: 24.40 min Scan# 3384
Delta R.T. -0.09 min
Lab File: BE091035.D
Acq: 23 Oct 2015 15:55

Tgt Ion:276 Resp: 33411

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	27.1	20.4	30.6