Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090974.D
Acq On : 28 Sep 2015 20:10
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC002

Quant Time: Sep 29 05:38:09 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 05:34:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	34366	5.00	ng		0.00
7) Naphthalene-d8	10.24	136	153302	5.00	ng		0.00
13) Acenaphthene-d10	14.11	164	85809	5.00	ng		0.00
19) Phenanthrene-d10	16.86	188	209127	5.00	ng		0.00
26) Chrysene-d12	21.02	240	236428	5.00	ng		0.00
35) Perylene-d12	23.27	264	199652	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	11905	0.92	ng		0.00
5) Phenol-d6	6.70	99	16640	0.88	ng		-0.02
8) Nitrobenzene-d5	8.64	82	16579	0.84	ng		-0.01
14) 2,4,6-Tribromophenol	15.62	330	4622	0.91	ng		-0.02
15) 2-Fluorobiphenyl	12.74	172	42548	0.78	ng		0.00
29) Terphenyl-d14	19.49	244	54393	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	9560	0.74	ng		100
3) n-Nitrosodimethylamine	3.39	42	10271	0.76	ng		96
6) bis(2-Chloroethyl)ether	6.93	93	13625	0.69	ng	#	74
9) Nitrobenzene	8.68	77	18337	0.91	ng		99
10) Naphthalene	10.29	128	59010	0.74	ng		99
11) Hexachlorobutadiene	10.58	225	9813	0.71	ng		97
12) 2-Methylnaphthalene	11.92	142	36413	0.79	ng		99
16) Acenaphthylene	13.82	152	264617	0.80	ng		100
17) Acenaphthene	14.17	154	41517	0.77	ng		99
18) Fluorene	15.17	166	53364	0.81	ng		98
20) 4-Bromophenyl-phenylether	16.07	248	14211	0.77	ng		94
21) Hexachlorobenzene	16.18	284	71809	0.73	ng		99
22) Pentachlorophenol	16.54	266	3793	0.75	ng		94
23) Phenanthrene	16.89	178	92609	0.76	ng		99
24) Anthracene	17.00	178	80466	0.81	ng		99
25) Fluoranthene	18.91	202	99060	0.77	ng		100
27) Benzidine	19.49	184	1057	0.12	ng		94
28) Pyrene	19.27	202	104817	0.83	ng		100
30) Benzo(a)anthracene	21.01	228	101738	0.81	ng		100
31) 3,3'-Dichlorobenzidine	20.97	252	15522	0.89	ng		97
32) Chrysene	21.05	228	111785	0.77	ng		98
33) Bis(2-ethylhexyl)phthalate	20.95	149	32931	0.93	ng		100
34) Indeno(1,2,3-cd)pyrene	25.59	276	97404	0.78	ng		99
36) Benzo(b)fluoranthene	22.59	252	82749	0.84	ng		99
37) Benzo(k)fluoranthene	22.63	252	104099	0.84	ng		99
38) Benzo(a)pyrene	23.17	252	74681	0.85	ng		99
39) Dibenzo(a,h)anthracene	25.62	278	74255	0.86	ng		99
40) Benzo(g,h,i)perylene	26.30	276	79221	0.82	ng		99

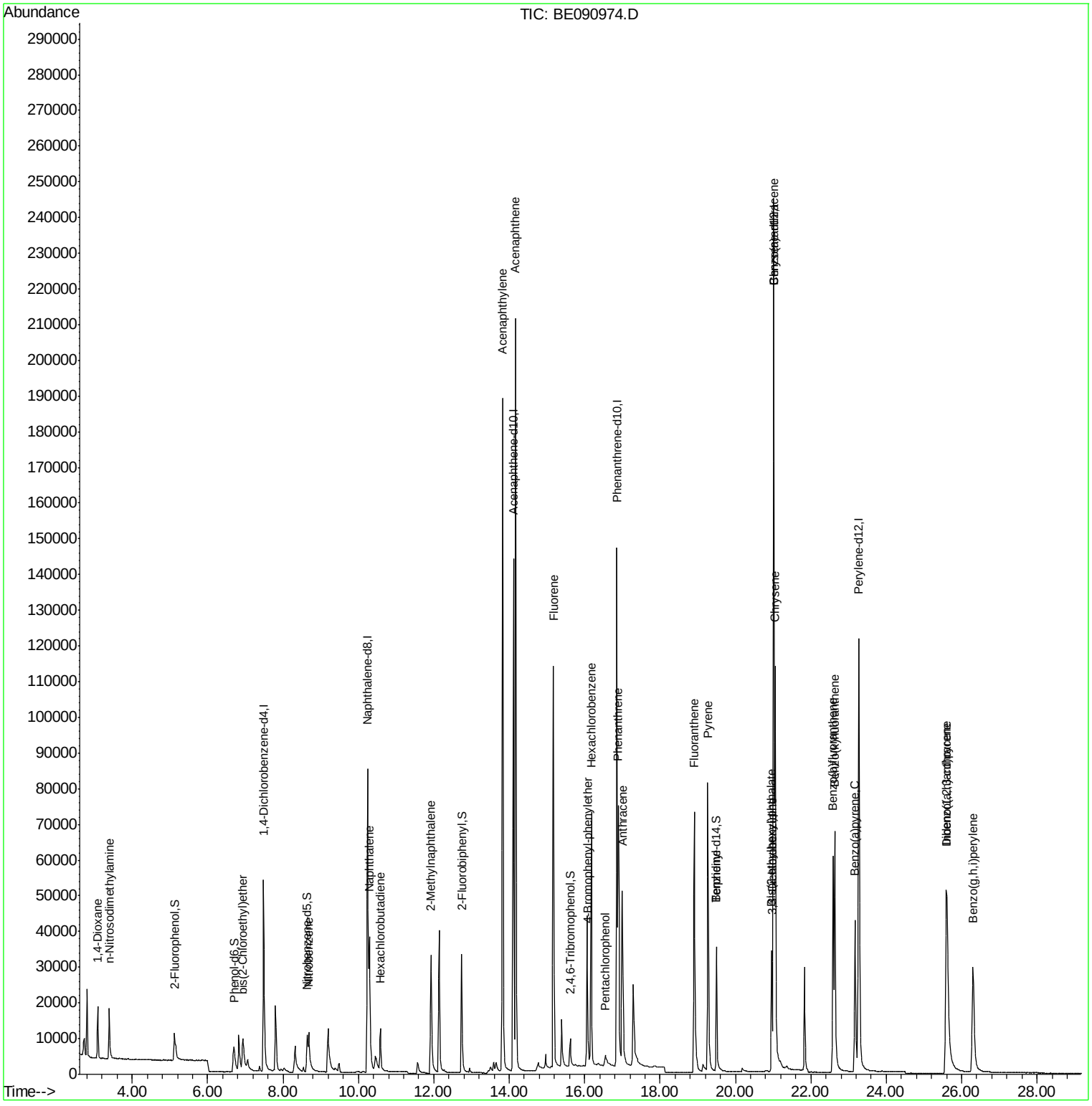
(#) = qualifier out of range (m) = manual integration (+) = signals summed

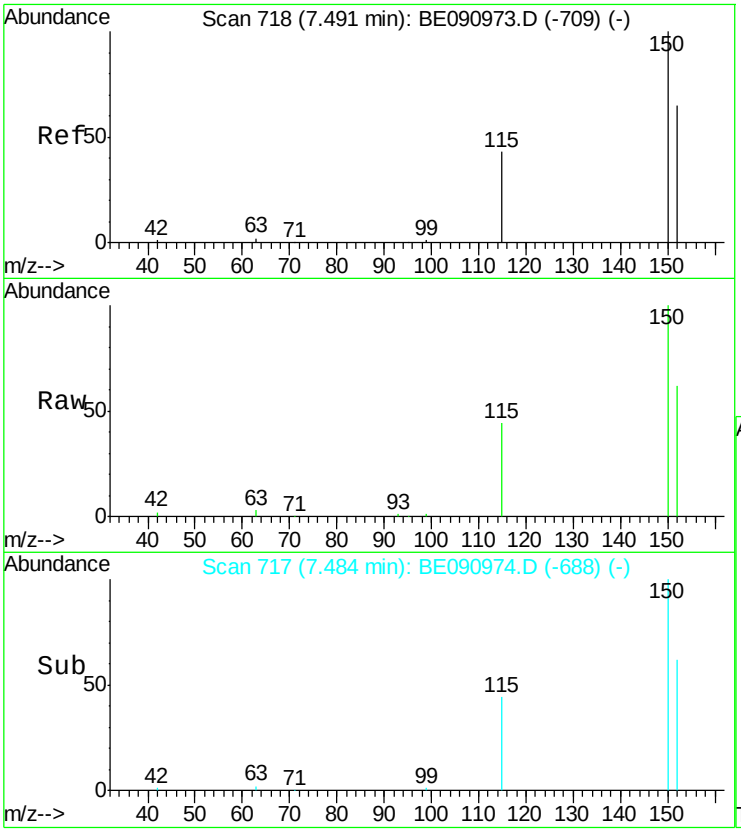
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090974.D
Acq On : 28 Sep 2015 20:10
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Quant Time: Sep 29 05:38:09 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 05:34:47 2015
Response via : Initial Calibration



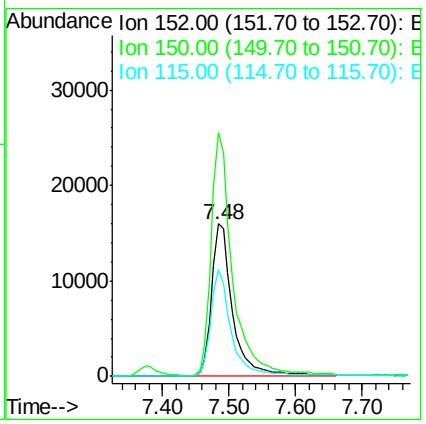


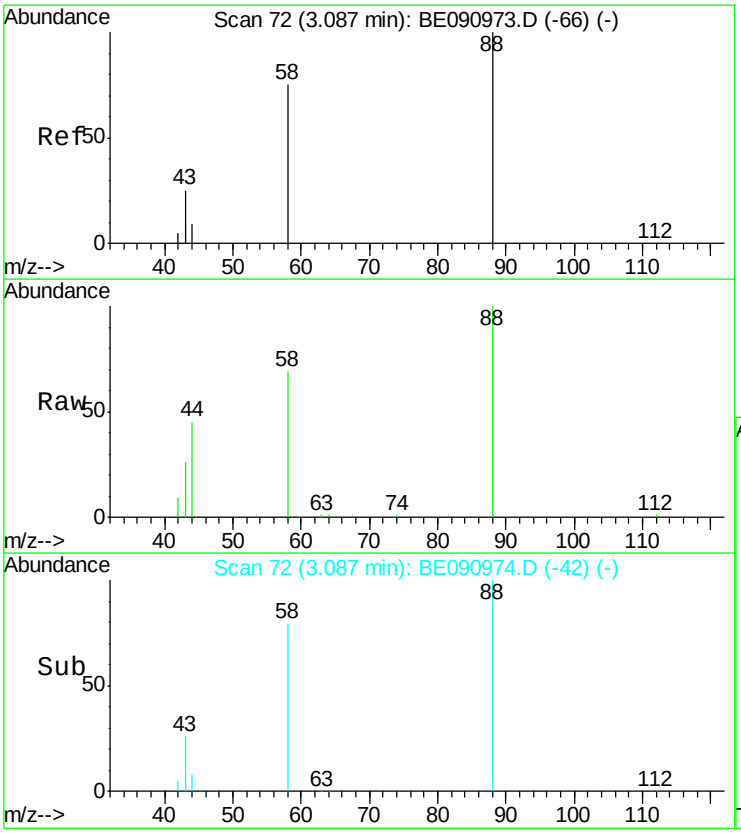
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 34366

Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.6	183.8
115	70.1	52.8	79.2

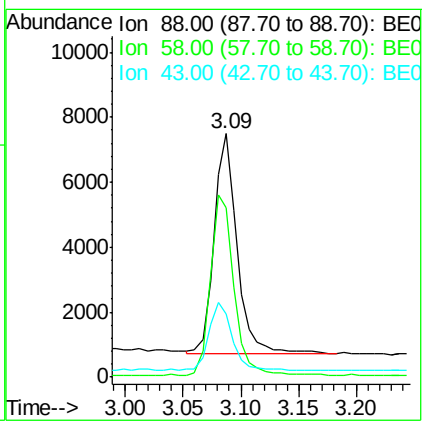


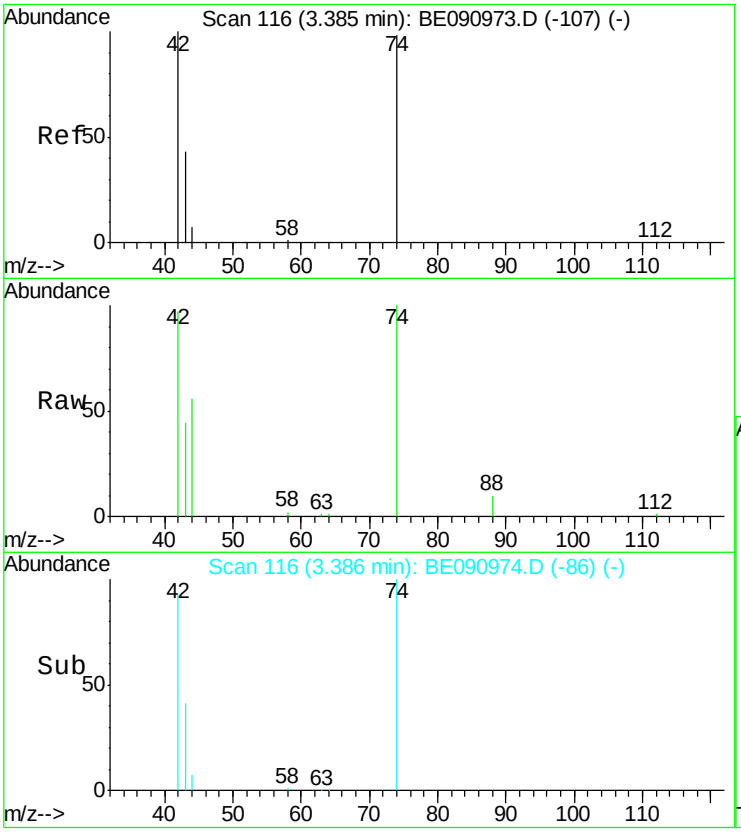


#2
1,4-Dioxane
Concen: 0.74 ng
RT: 3.09 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion: 88 Resp: 9560

Ion	Ratio	Lower	Upper
88	100		
58	82.2	65.8	98.6
43	30.7	25.3	37.9



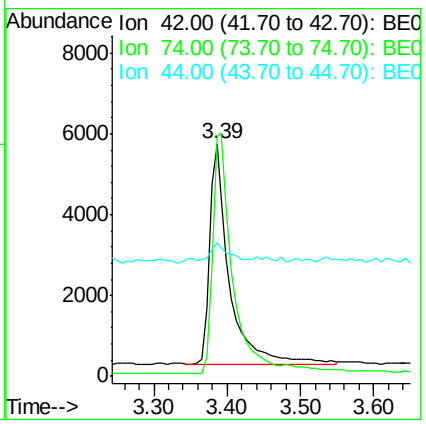


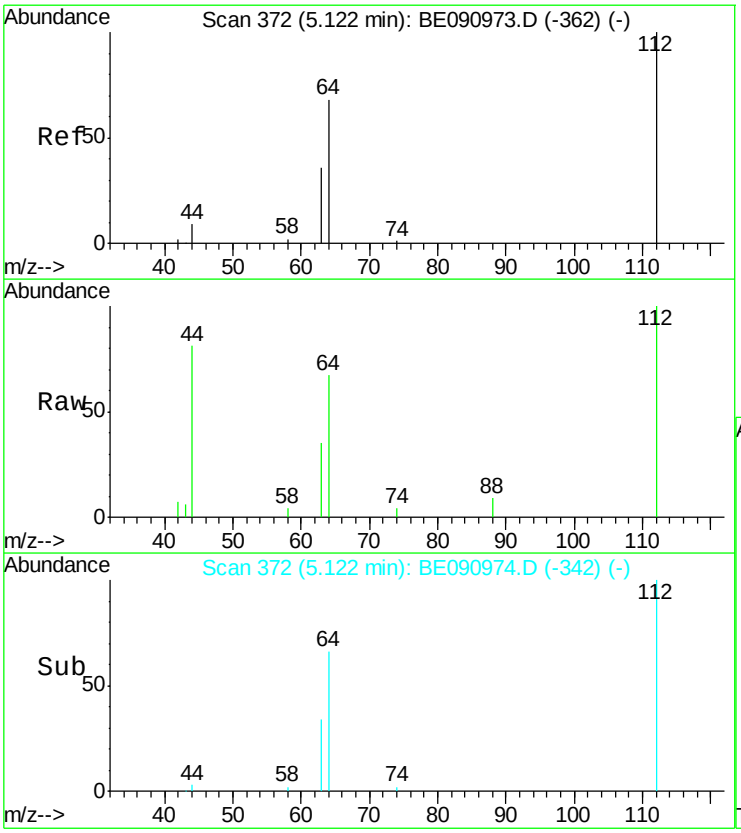
#3
n-Nitrosodimethylamine
Concen: 0.76 ng
RT: 3.39 min Scan# 116
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 10271

Ion	Ratio	Lower	Upper
42	100		
74	114.7	87.9	131.9
44	7.0	6.6	9.8

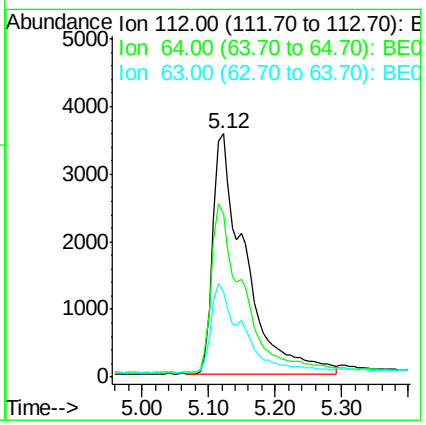


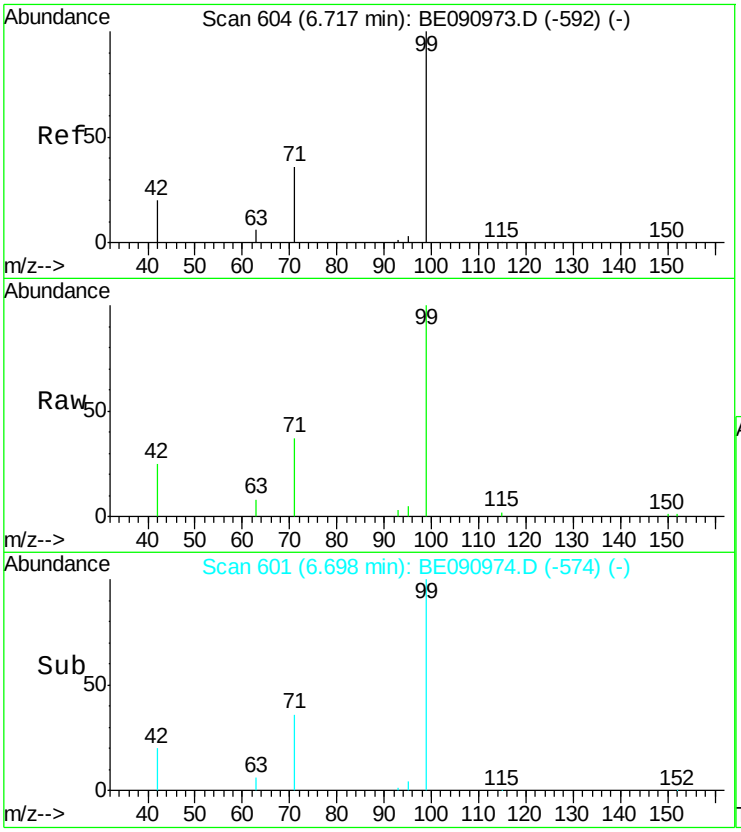


#4
2-Fluorophenol
Concen: 0.92 ng
RT: 5.12 min Scan# 372
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:112 Resp: 11905

Ion	Ratio	Lower	Upper
112	100		
64	69.3	30.9	46.3#
63	36.3	16.7	25.1#



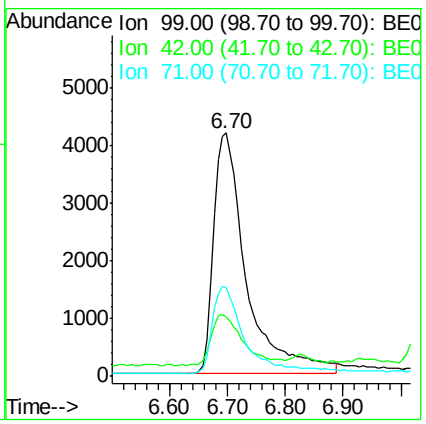


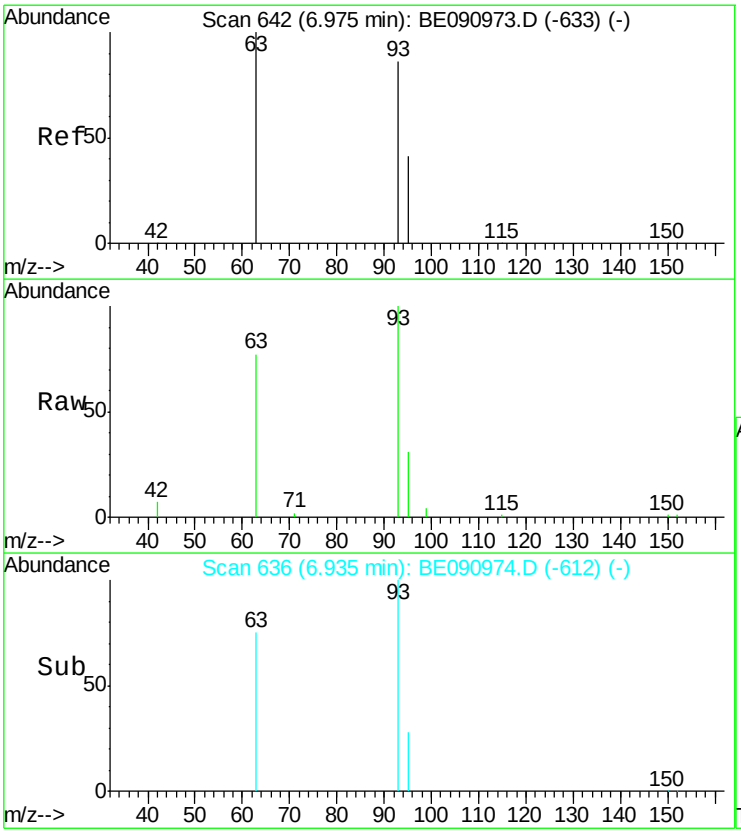
#5
Phenol-d6
Concen: 0.88 ng
RT: 6.70 min Scan# 601
Delta R.T. -0.02 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 16640

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.2	24.2
71	35.7	29.0	43.4

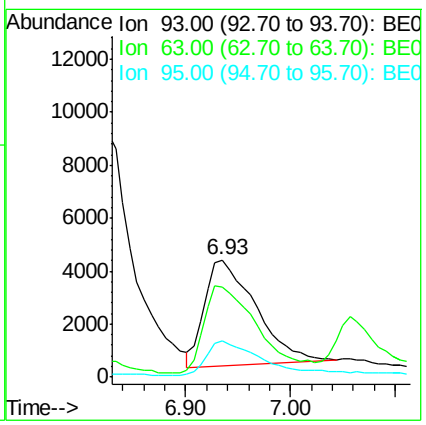


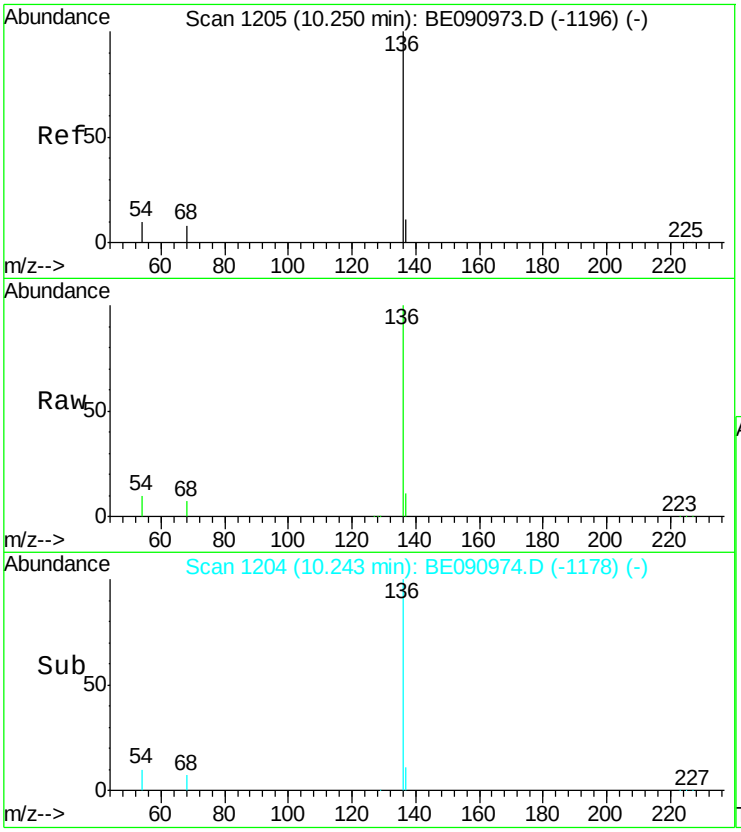


#6
bis(2-Chloroethyl)ether
Concen: 0.69 ng
RT: 6.93 min Scan# 636
Delta R.T. -0.04 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion: 93 Resp: 13625

Ion	Ratio	Lower	Upper
93	100		
63	85.5	49.5	74.3#
95	36.8	22.2	33.4#



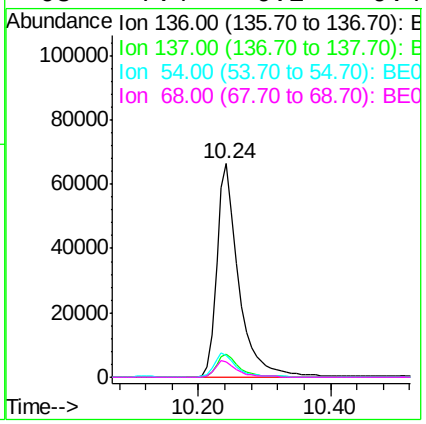


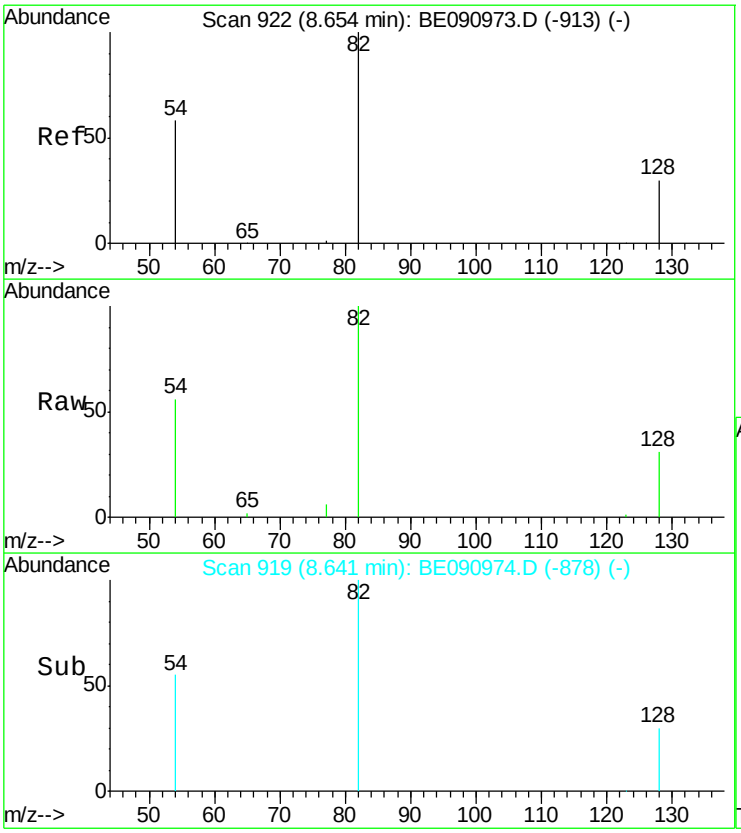
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.24 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 153302

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.0	8.2	12.4
68	7.4	6.2	9.4

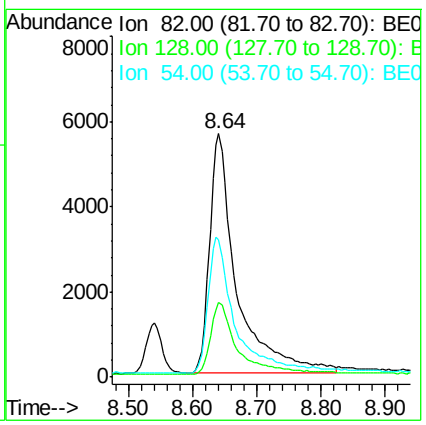


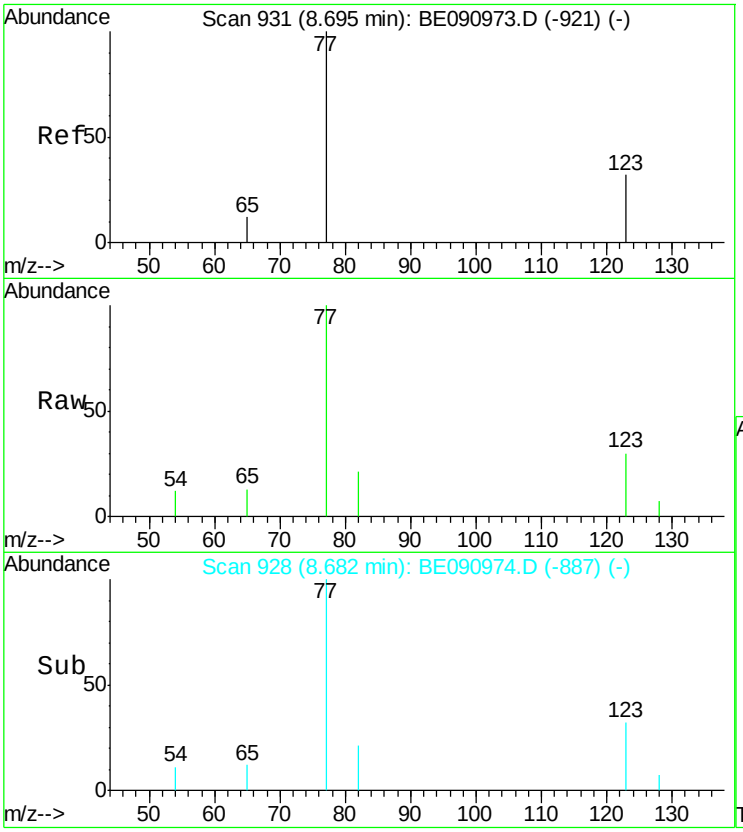


#8
Nitrobenzene-d5
Concen: 0.84 ng
RT: 8.64 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion: 82 Resp: 16579

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.4	38.0
54	56.2	48.4	72.6



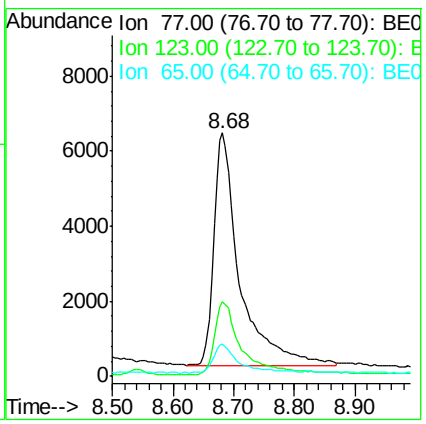


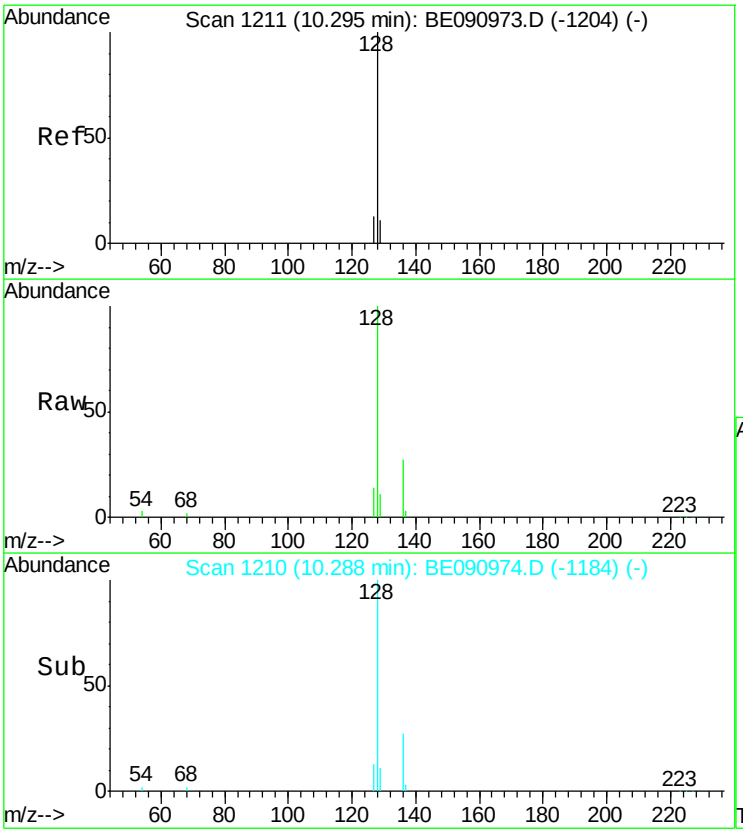
#9
Nitrobenzene
Concen: 0.91 ng
RT: 8.68 min Scan# 928
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 18337

Ion	Ratio	Lower	Upper
77	100		
123	32.8	26.9	40.3
65	12.2	9.4	14.2

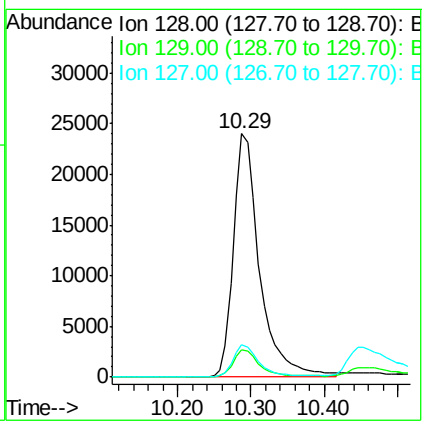


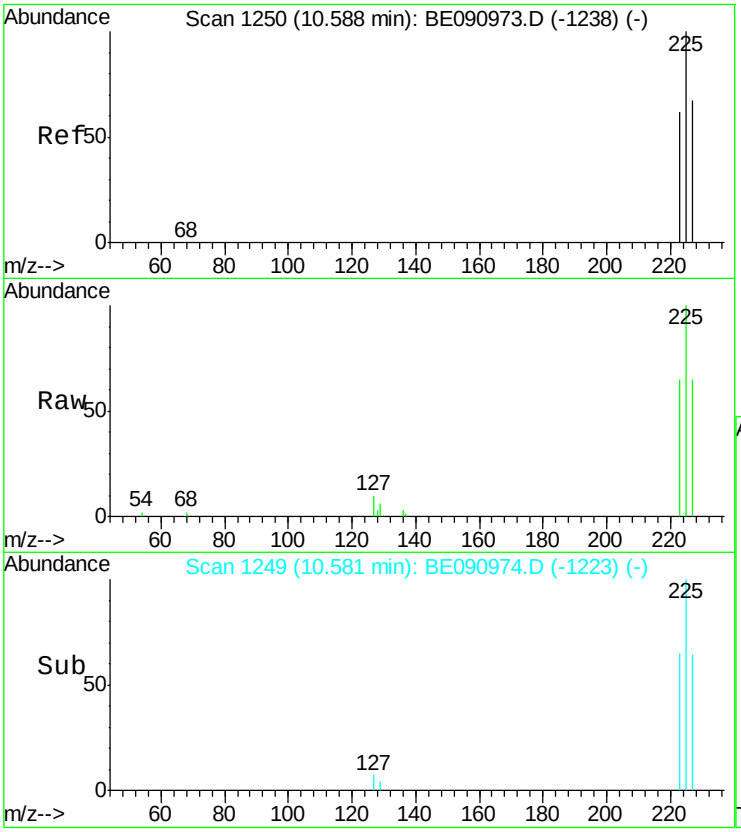


#10
Naphthalene
Concen: 0.74 ng
RT: 10.29 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:128 Resp: 59010

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.6	10.7	16.1



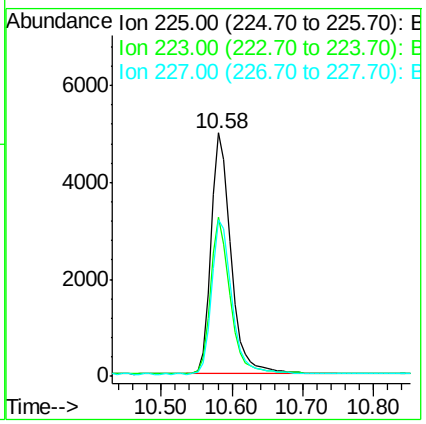


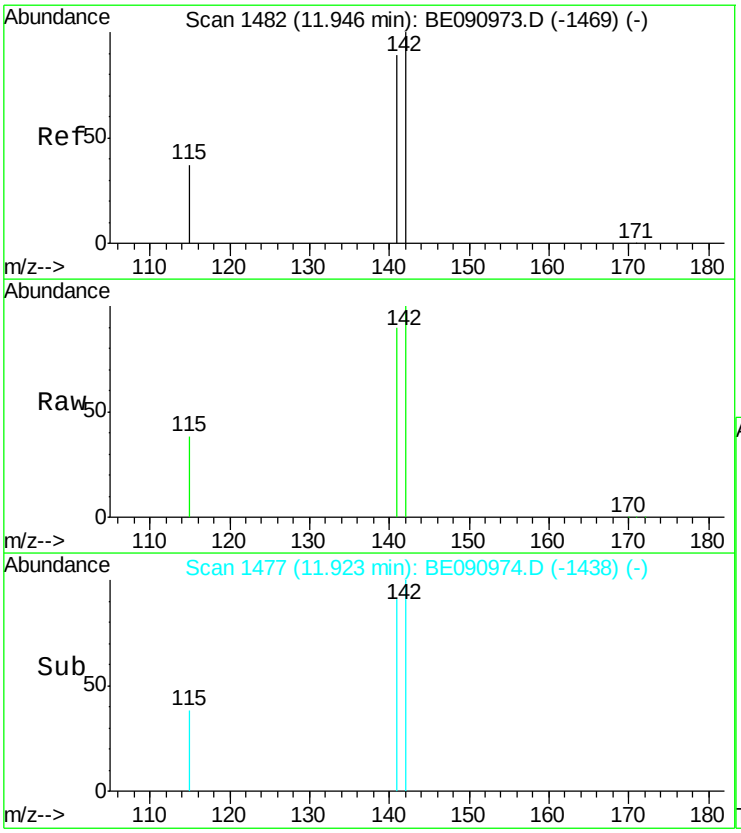
#11
Hexachlorobutadiene
Concen: 0.71 ng
RT: 10.58 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:225 Resp: 9813

Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.0	73.6
227	64.7	50.3	75.5

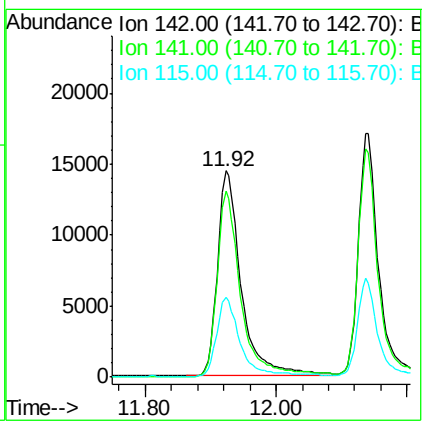


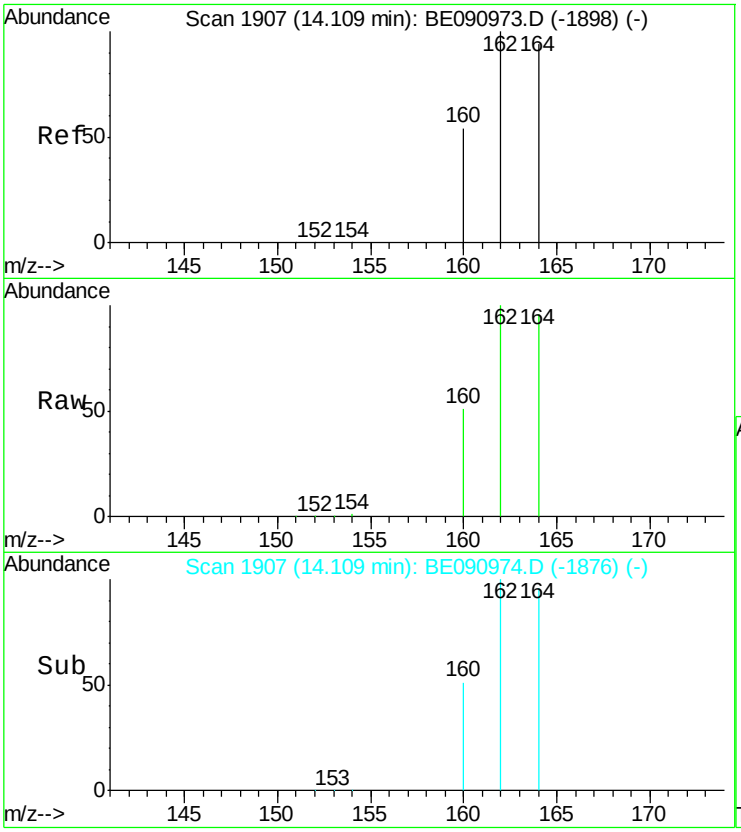


#12
2-Methylnaphthalene
Concen: 0.79 ng
RT: 11.92 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:142 Resp: 36413

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.0
115	38.5	30.3	45.5



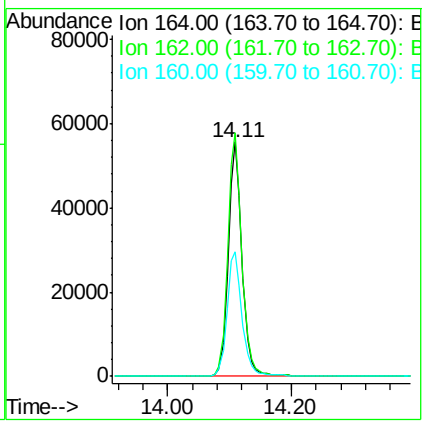


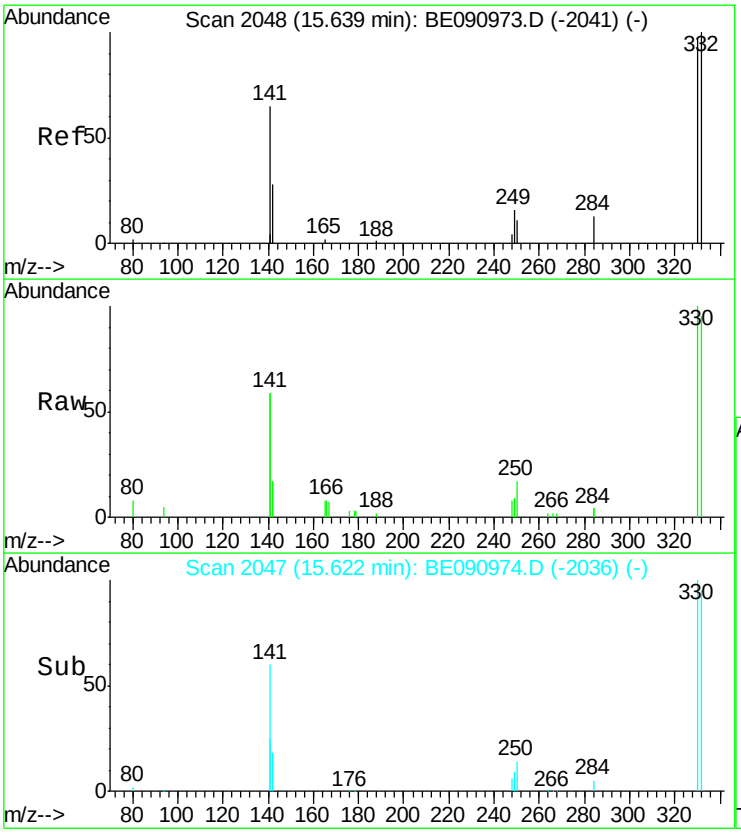
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:164 Resp: 85809

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.3	127.9
160	53.4	46.2	69.2

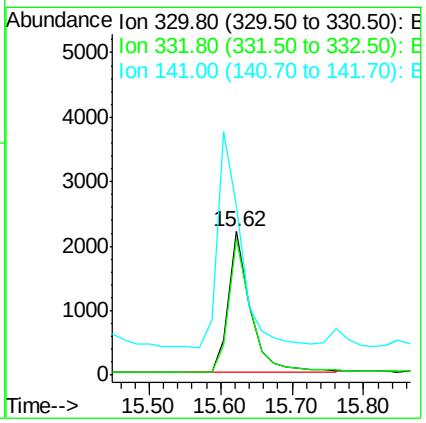


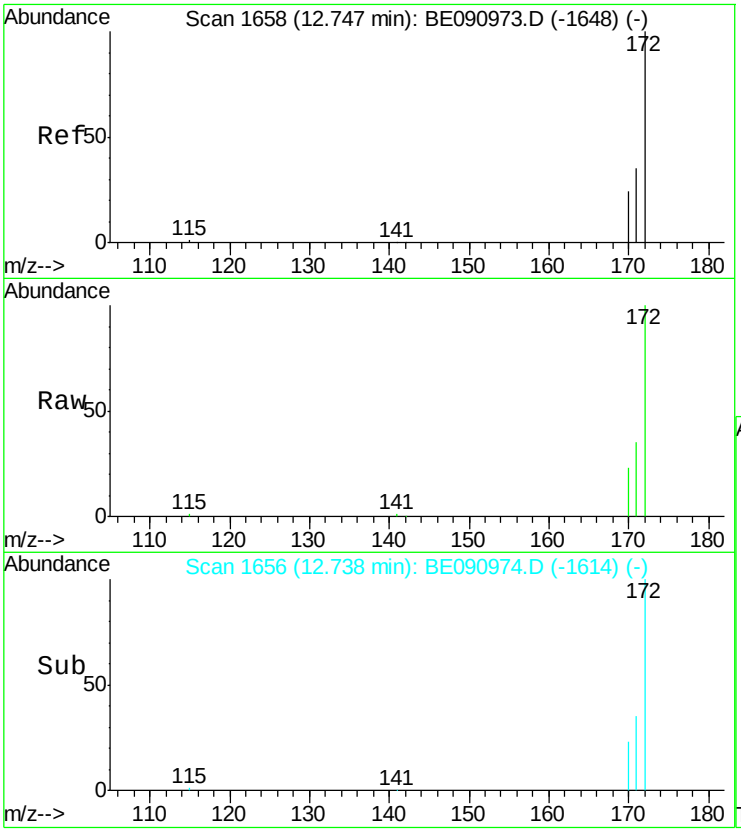


#14
2,4,6-Tribromophenol
Concen: 0.91 ng
RT: 15.62 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:330 Resp: 4622

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.1	118.7
141	157.9	125.4	188.0



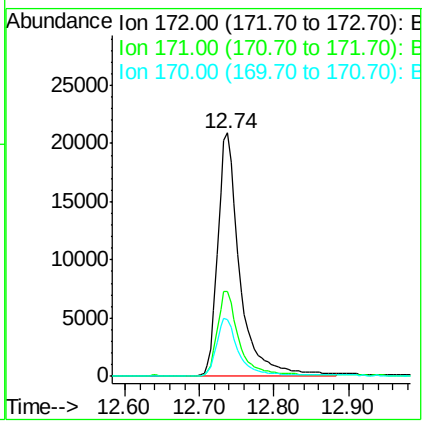


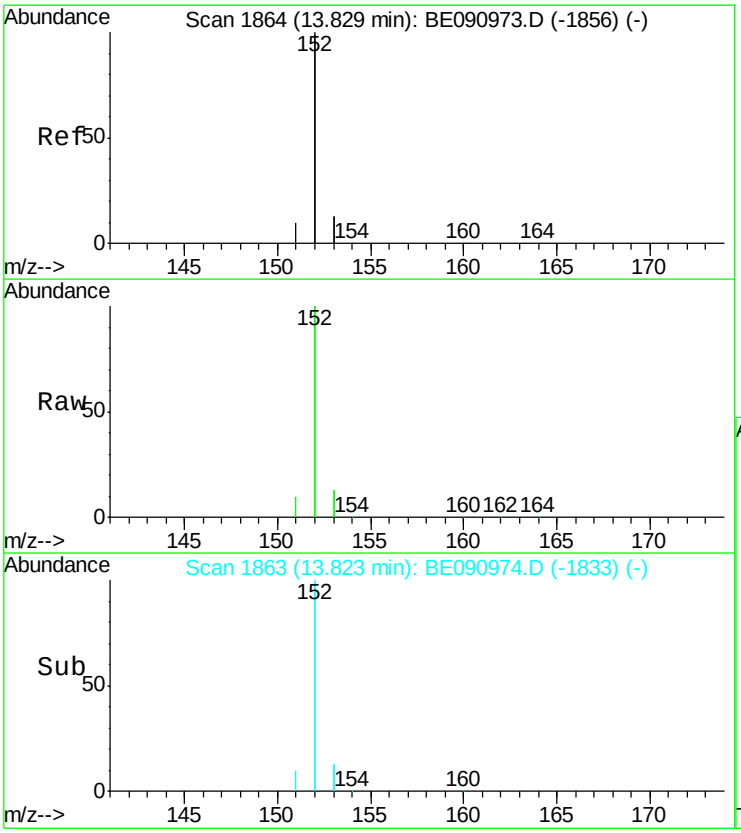
#15
2-Fluorobiphenyl
Concen: 0.78 ng
RT: 12.74 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:172 Resp: 42548

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	23.5	19.3	28.9

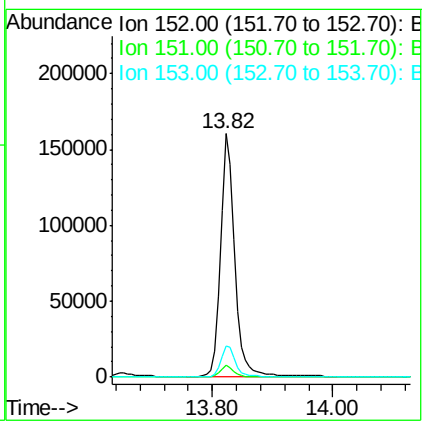


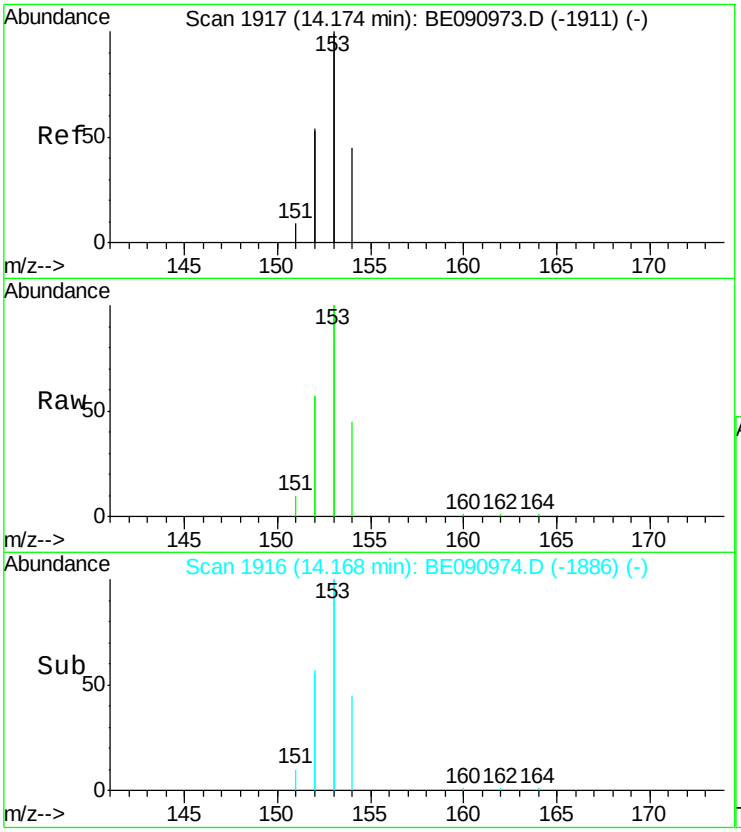


#16
Acenaphthylene
Concen: 0.80 ng
RT: 13.82 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:152 Resp: 264617

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



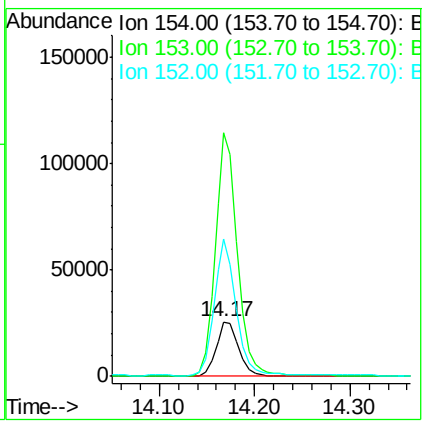


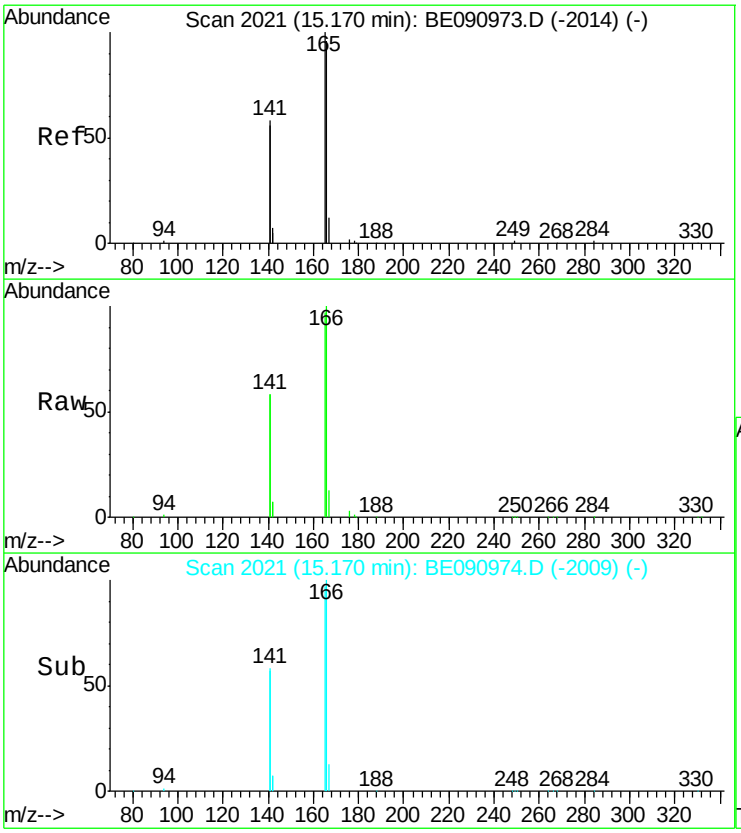
#17
Acenaphthene
Concen: 0.77 ng
RT: 14.17 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:154 Resp: 41517

Ion	Ratio	Lower	Upper
154	100		
153	440.3	352.0	528.0
152	247.0	200.0	300.0

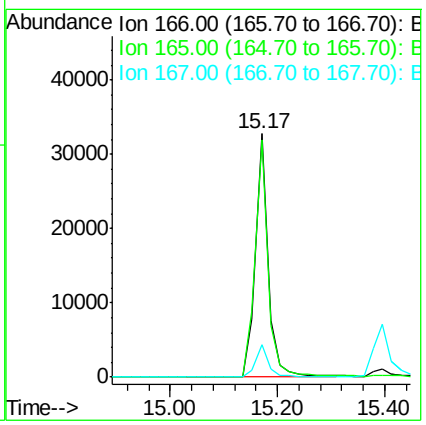


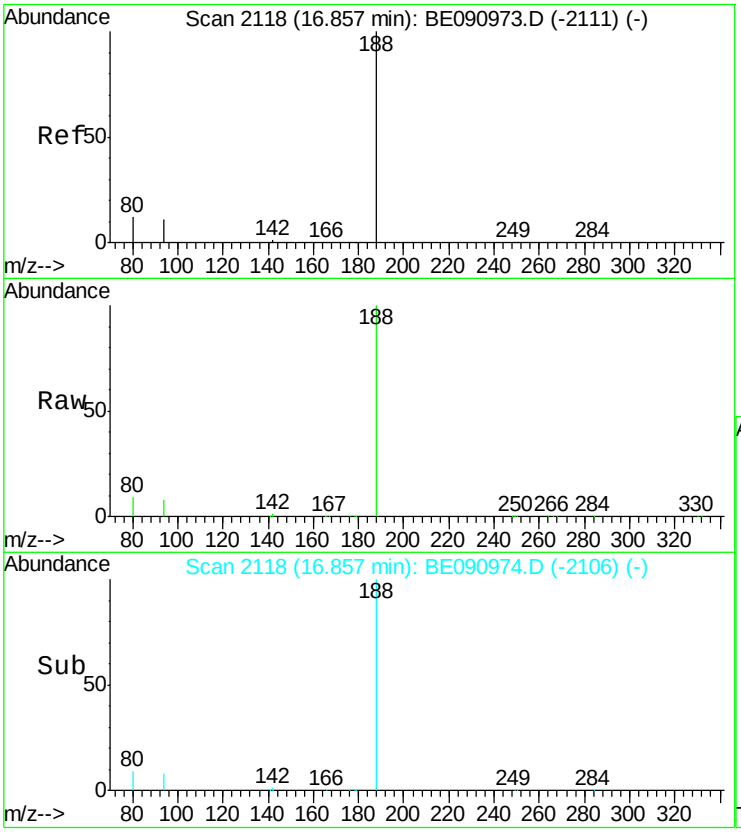


#18
Fluorene
Concen: 0.81 ng
RT: 15.17 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:166 Resp: 53364

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.8	121.2
167	13.4	10.9	16.3



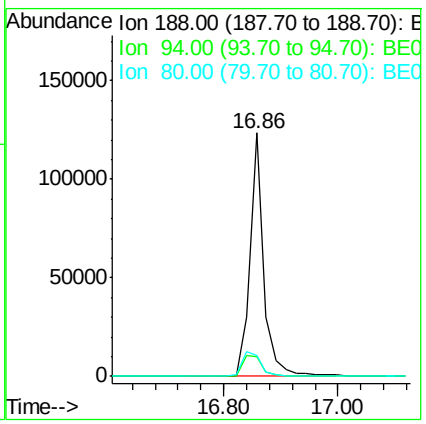


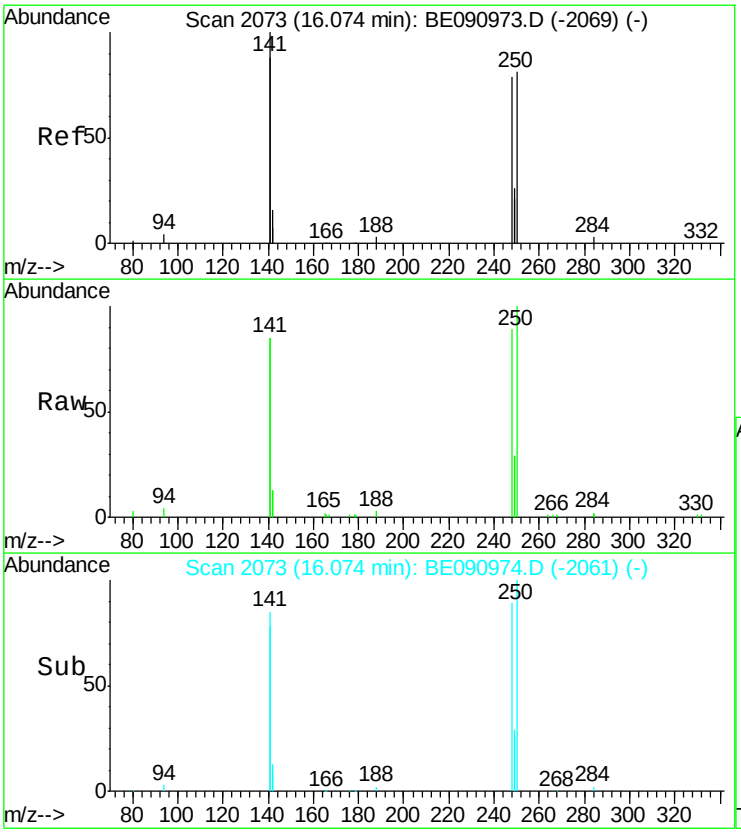
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.86 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:188 Resp: 209127

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	8.7	9.4	14.0#

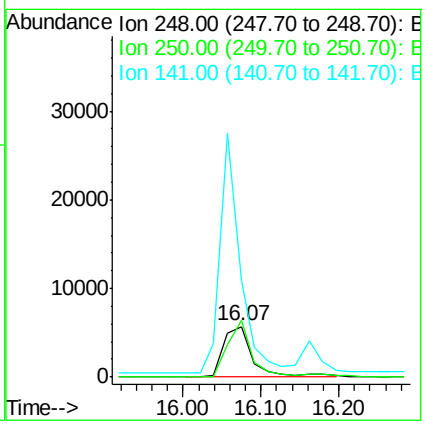


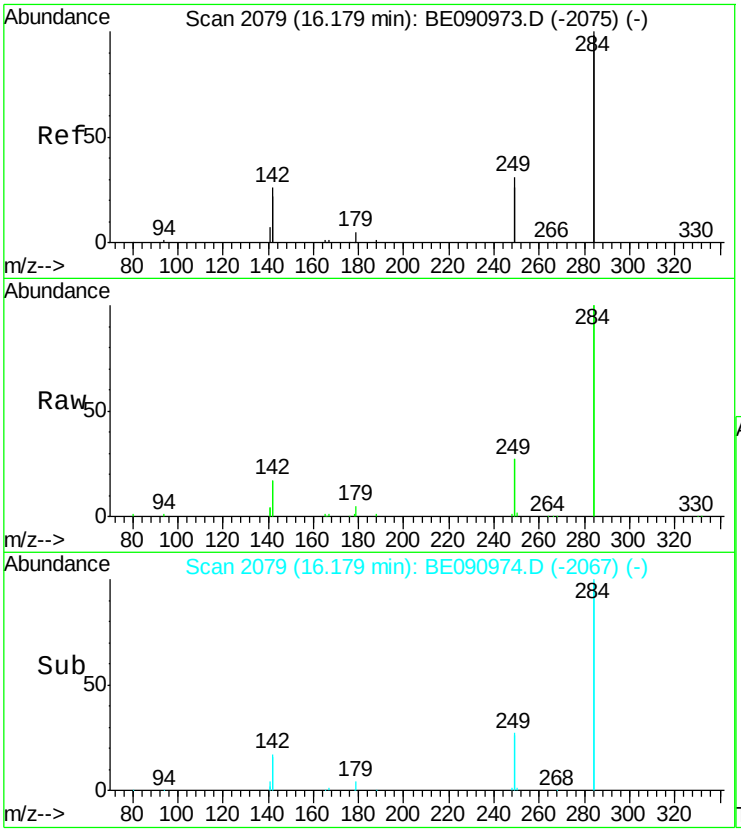


#20
4-Bromophenyl-phenylether
Concen: 0.77 ng
RT: 16.07 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:248 Resp: 14211

Ion	Ratio	Lower	Upper
248	100		
250	92.7	80.5	120.7
141	339.1	261.9	392.9



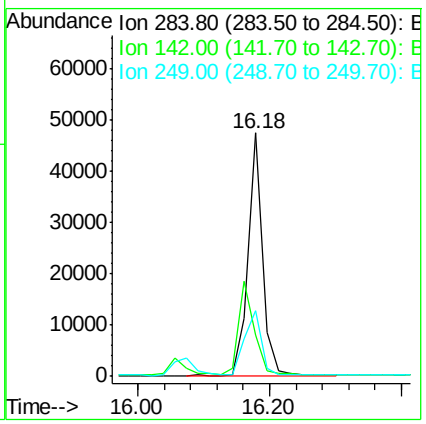


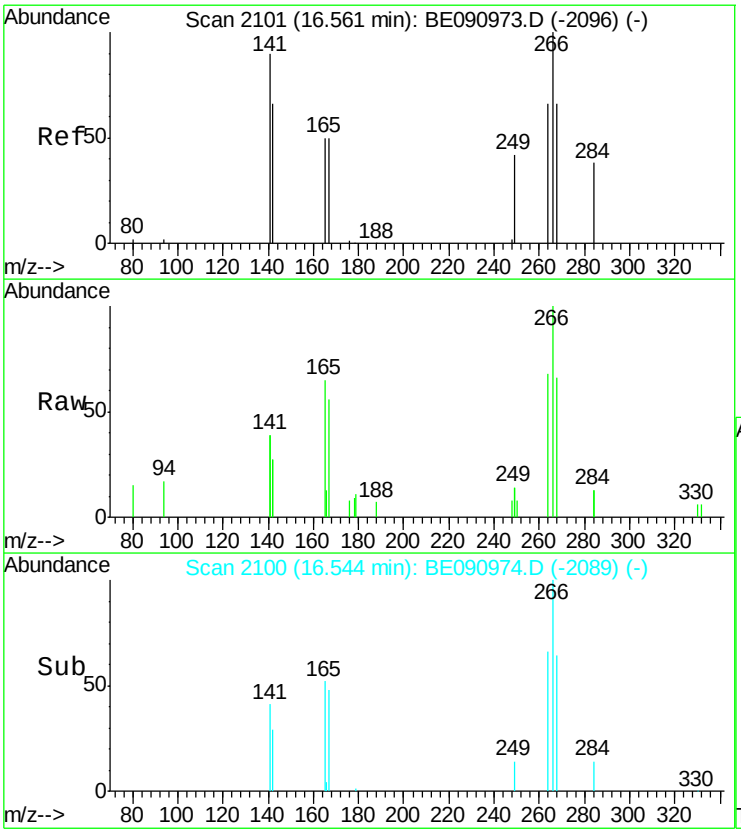
#21
Hexachlorobenzene
Concen: 0.73 ng
RT: 16.18 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:284 Resp: 71809

Ion	Ratio	Lower	Upper
284	100		
142	41.0	32.2	48.2
249	31.1	25.4	38.2

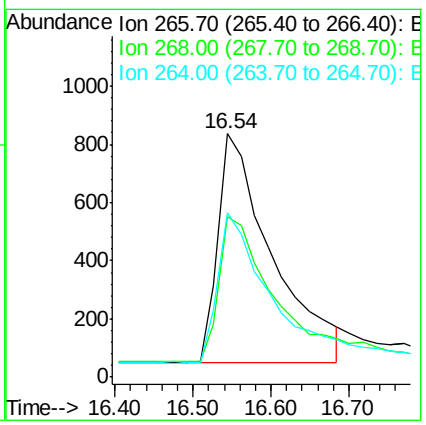


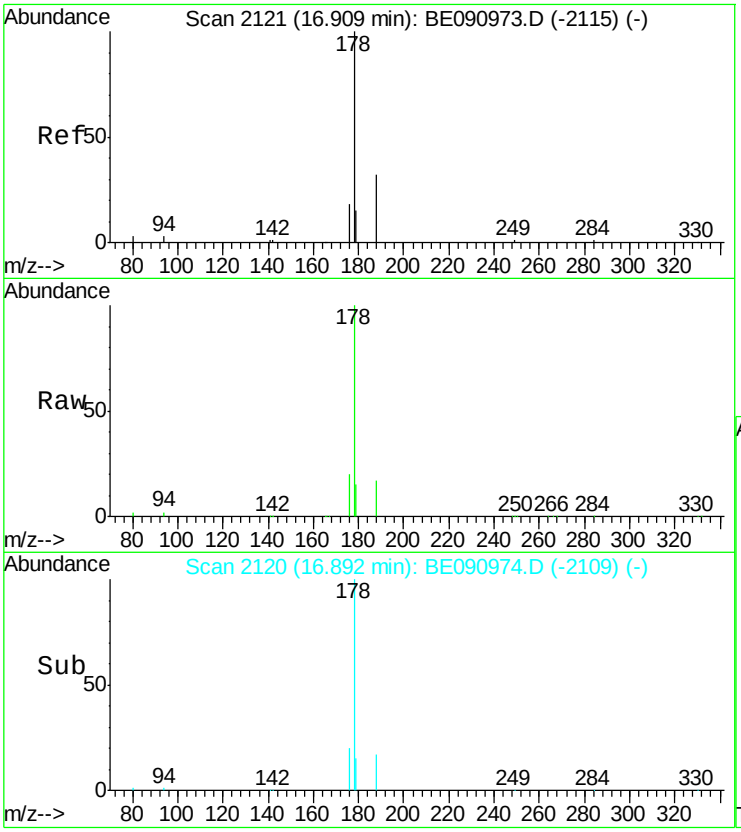


#22
Pentachlorophenol
Concen: 0.75 ng
RT: 16.54 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:266 Resp: 3793

Ion	Ratio	Lower	Upper
266	100		
268	65.7	58.2	87.2
264	67.7	56.2	84.4



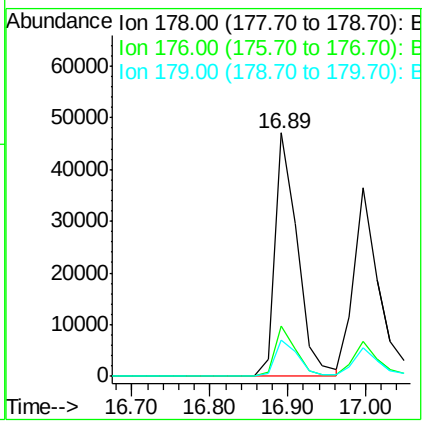


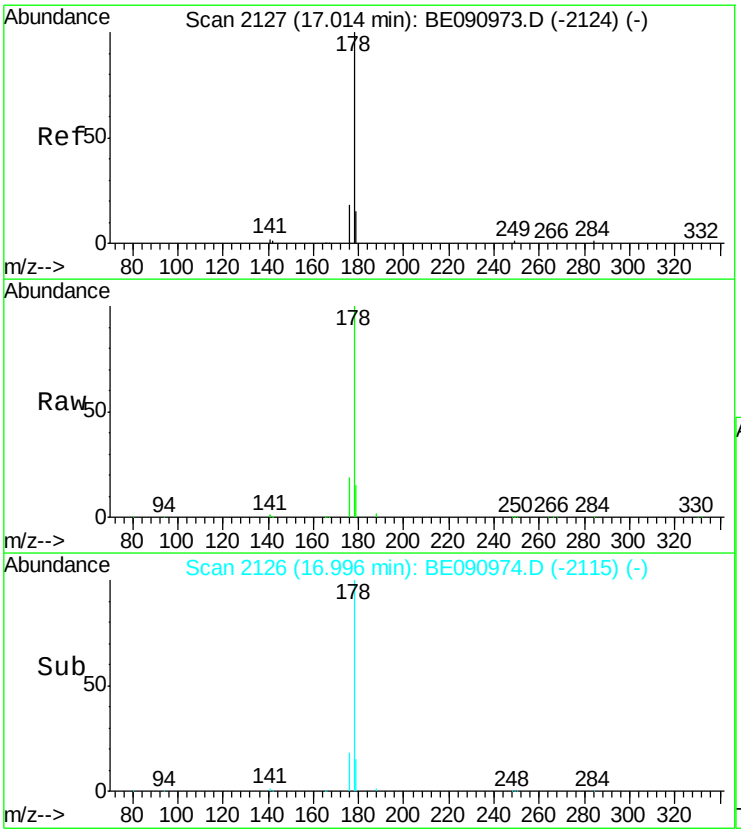
#23
Phenanthrene
Concen: 0.76 ng
RT: 16.89 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 92609

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.6	18.8

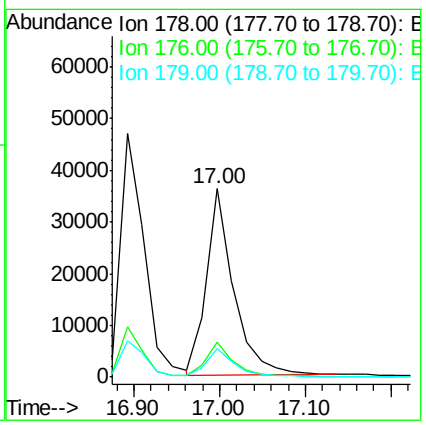


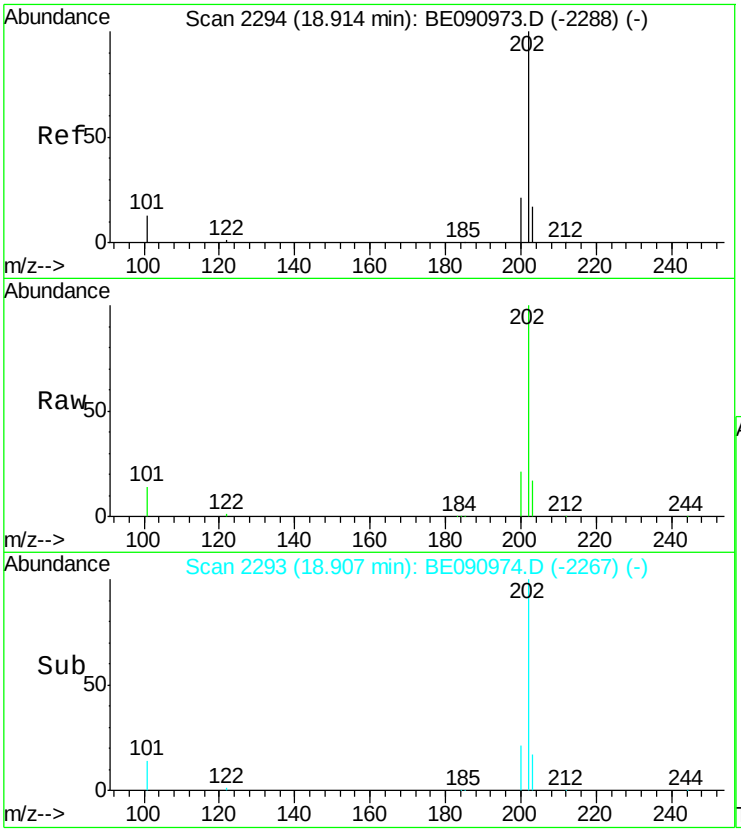


#24
Anthracene
Concen: 0.81 ng
RT: 17.00 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:178 Resp: 80466

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.0	11.8	17.6



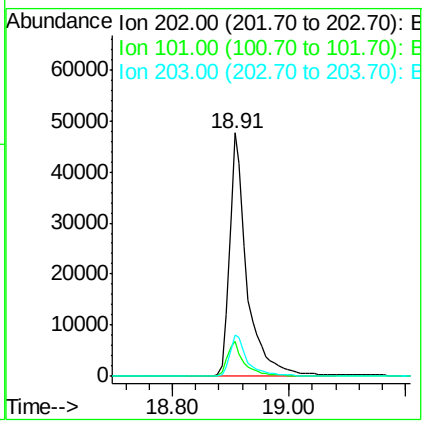


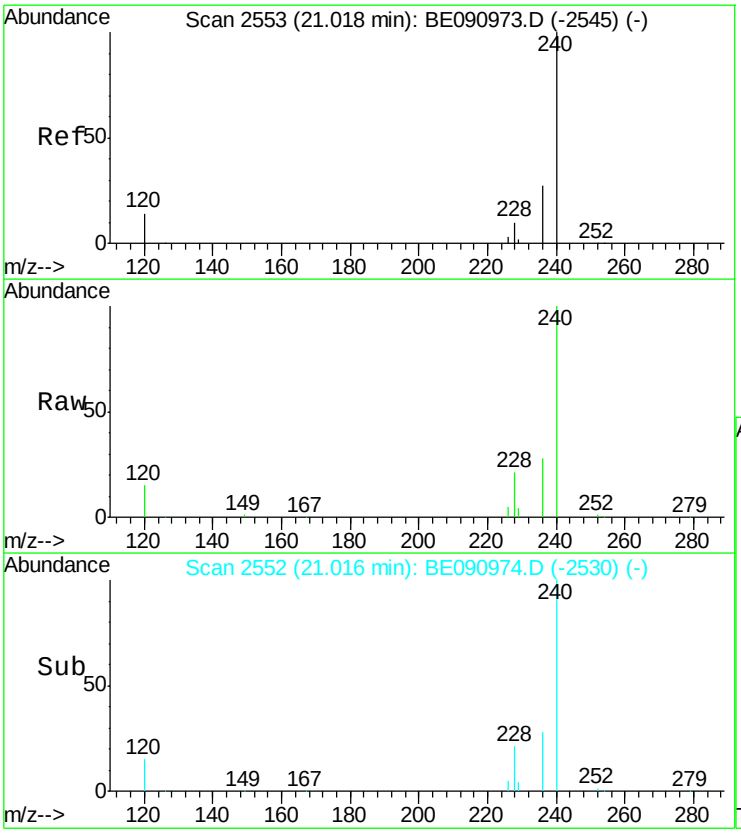
#25
Fluoranthene
Concen: 0.77 ng
RT: 18.91 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:202 Resp: 99060

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

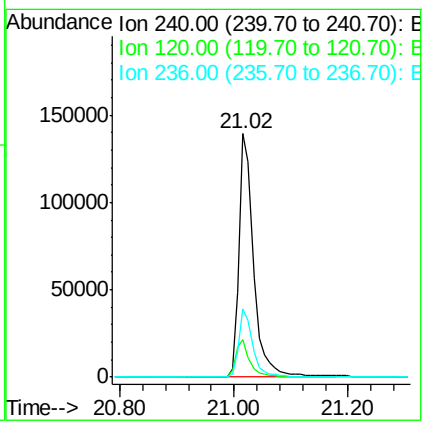


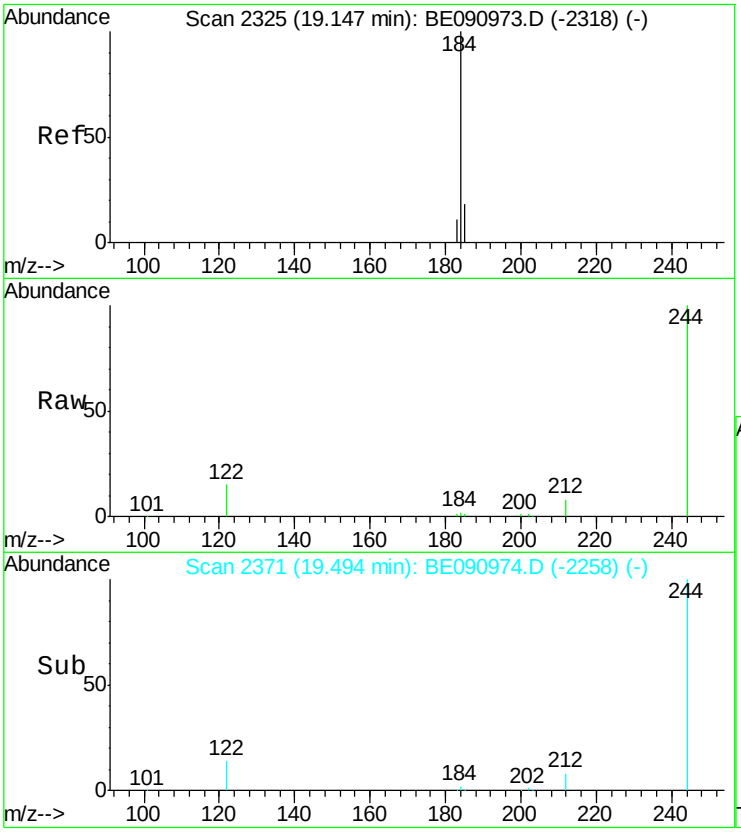


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.02 min Scan# 2552
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:240 Resp: 236428

Ion	Ratio	Lower	Upper
240	100		
120	15.3	11.0	16.4
236	27.8	21.7	32.5



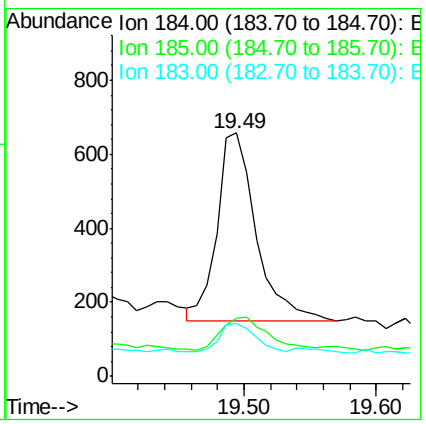


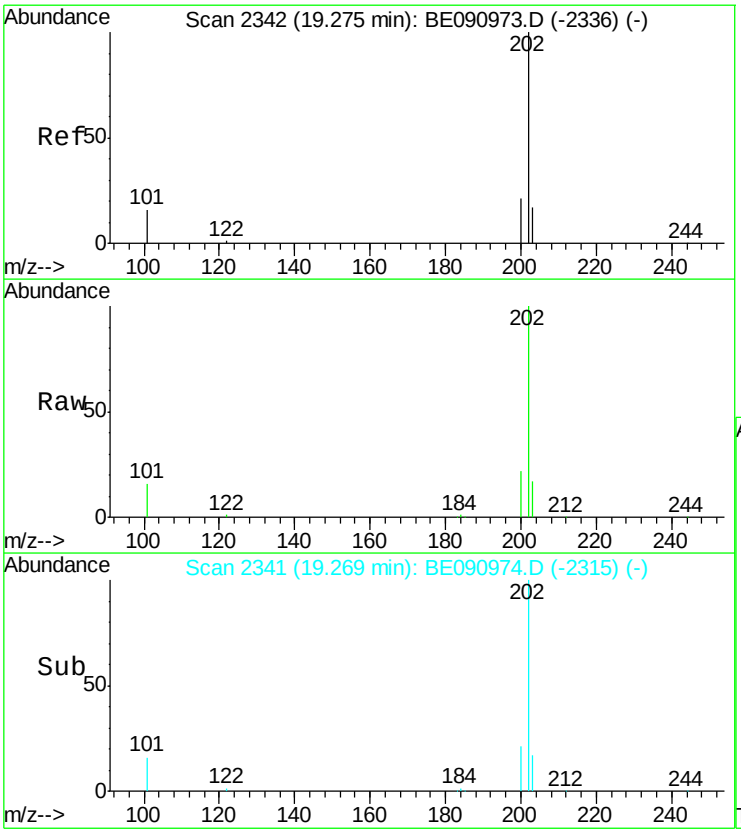
#27
Benzidine
Concen: 0.12 ng
RT: 19.49 min Scan# 2371
Delta R.T. 0.35 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:184 Resp: 1057

Ion	Ratio	Lower	Upper
184	100		
185	23.7	22.3	33.5
183	21.6	16.4	24.6

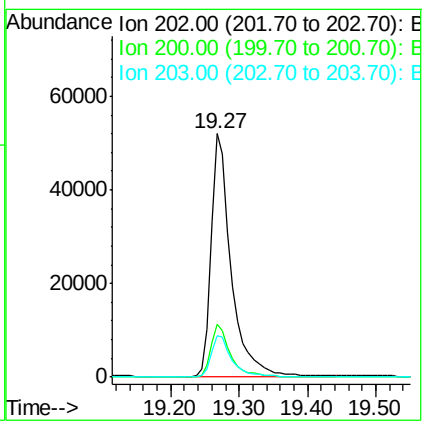


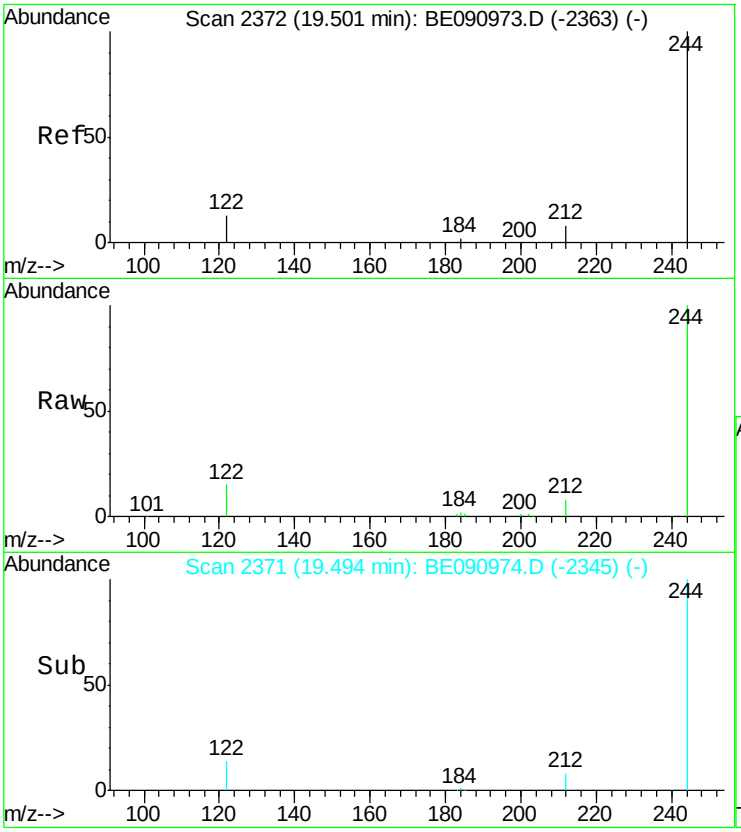


#28
Pyrene
Concen: 0.83 ng
RT: 19.27 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:202 Resp: 104817

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.4	14.0	21.0



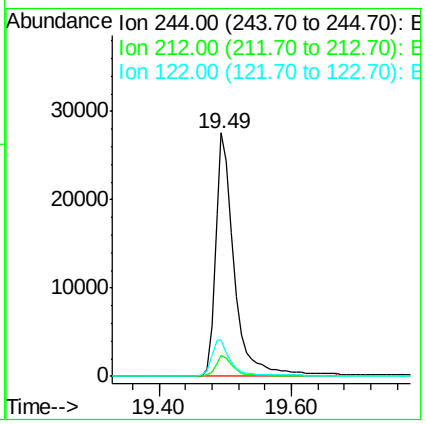


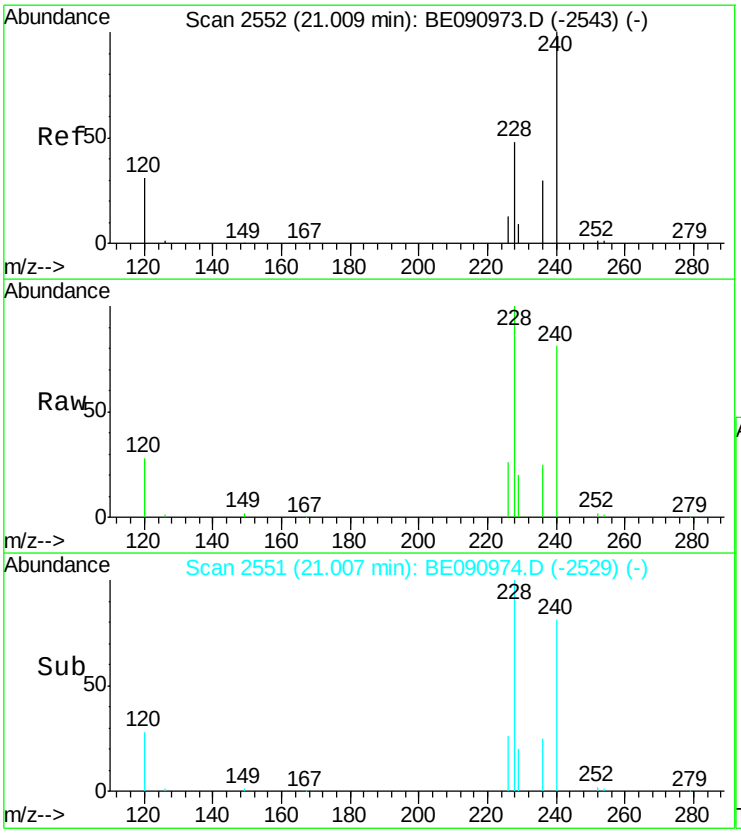
#29
Terphenyl-d14
Concen: 0.84 ng
RT: 19.49 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 54393

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	14.7	11.0	16.4

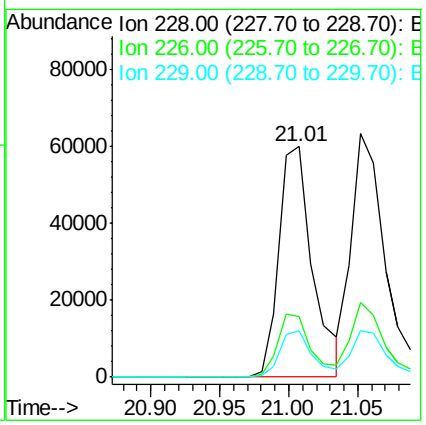


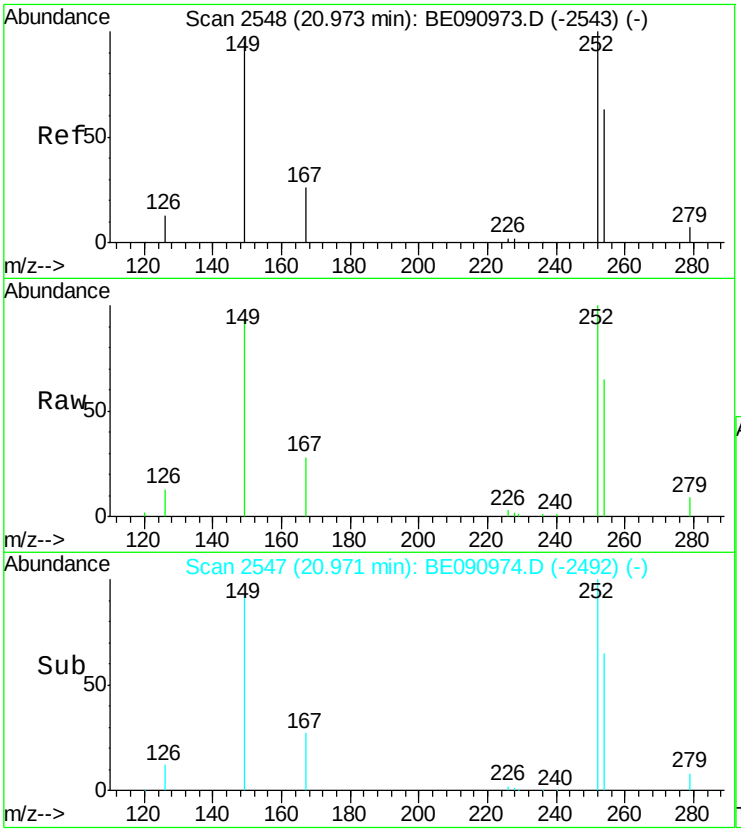


#30
Benzo(a)anthracene
Concen: 0.81 ng
RT: 21.01 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:228 Resp: 101738

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	20.1	15.7	23.5



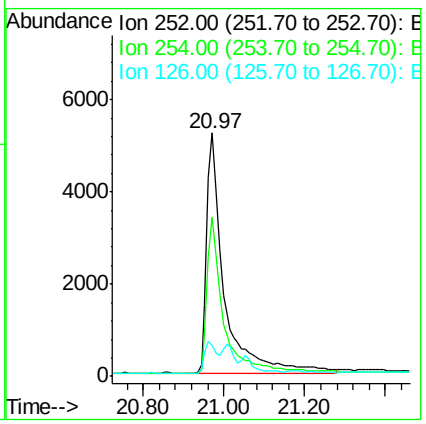


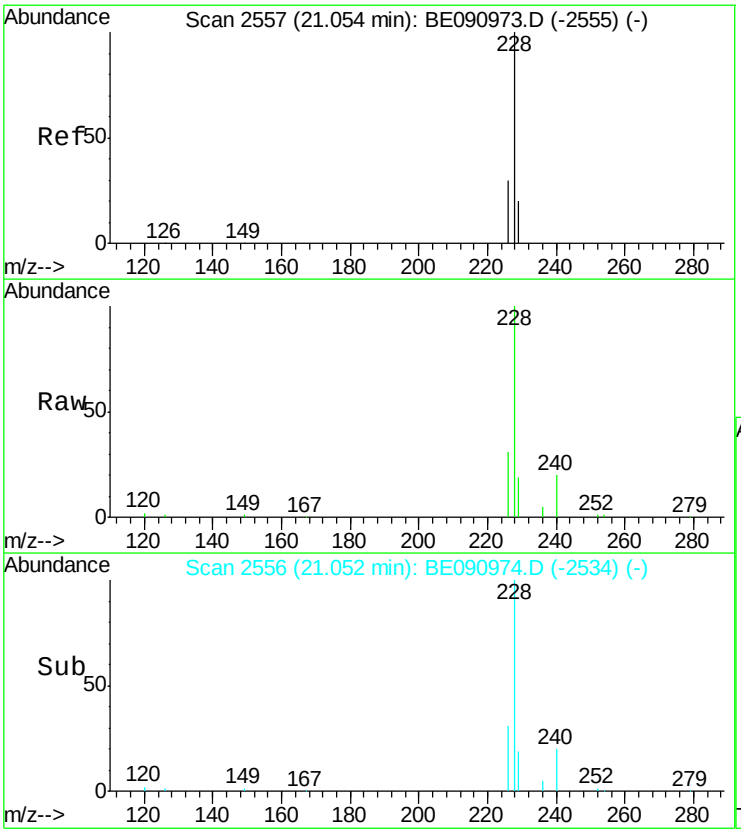
#31
3,3'-Dichlorobenzidine
Concen: 0.89 ng
RT: 20.97 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 15522

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.1	76.7
126	12.8	12.6	18.8

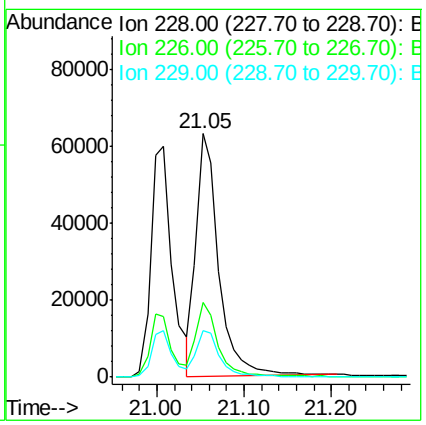


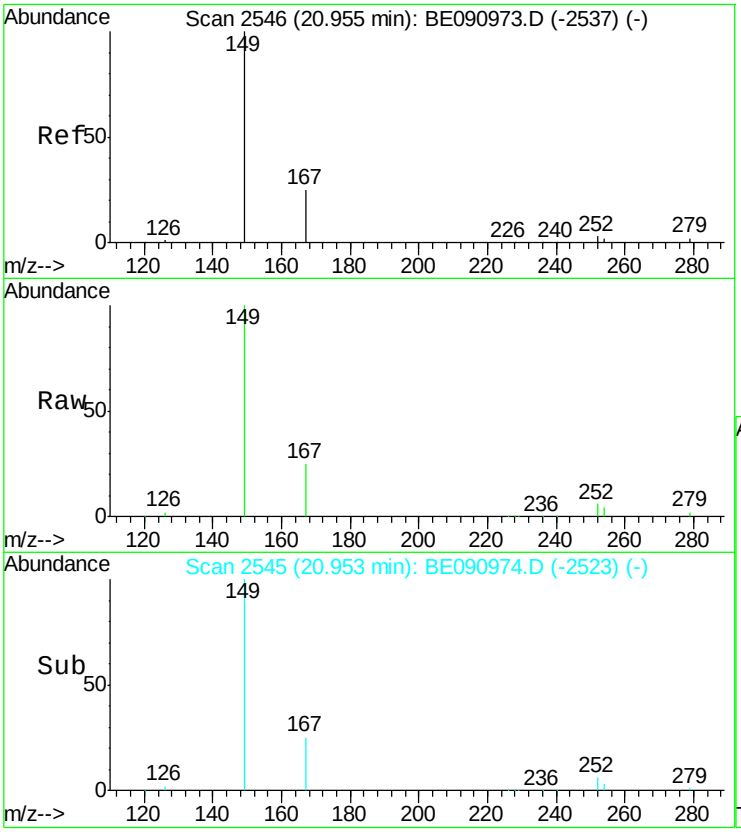


#32
Chrysene
Concen: 0.77 ng
RT: 21.05 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:228 Resp: 111785

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.0	15.9	23.9



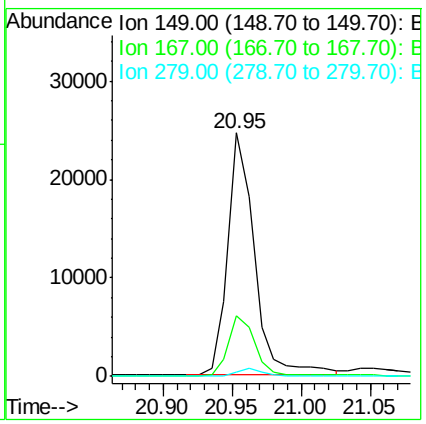


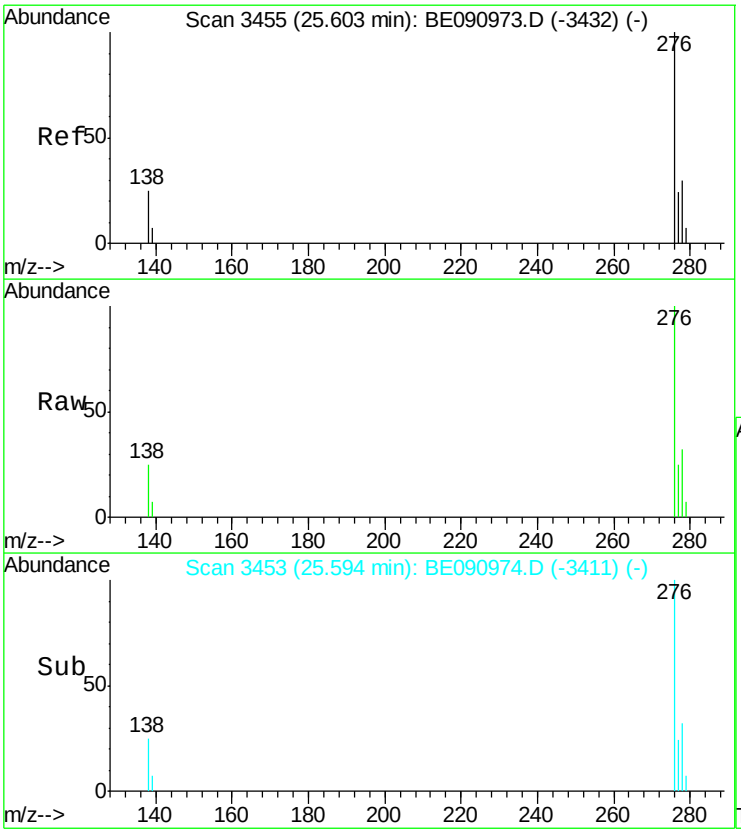
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.93 ng
RT: 20.95 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:149 Resp: 32931

Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.5	29.3
279	2.9	2.3	3.5

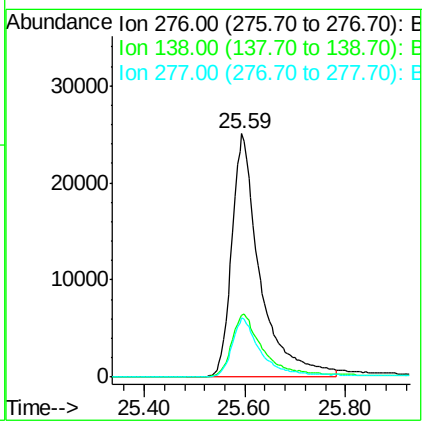


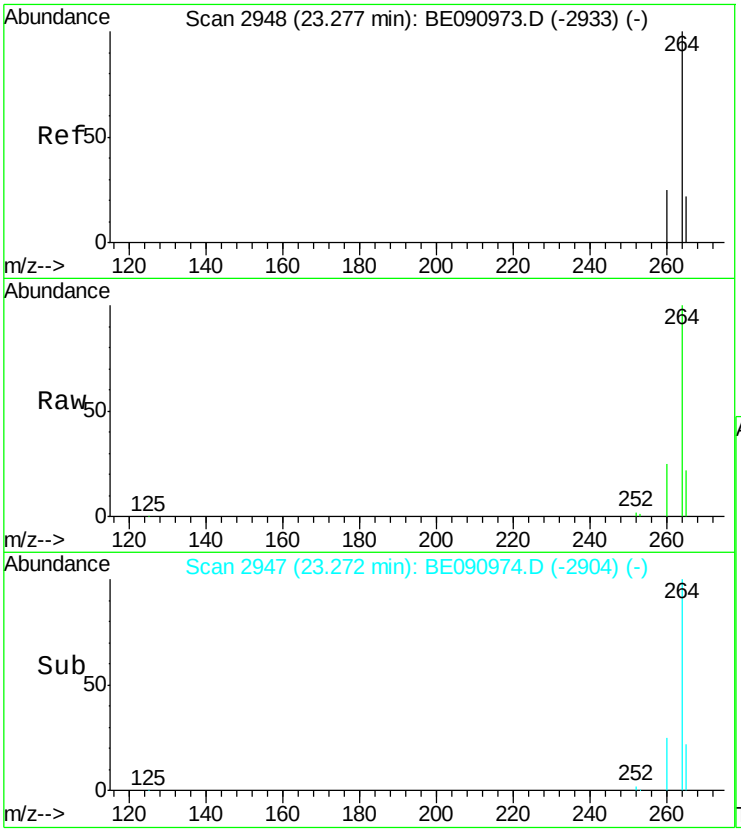


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.78 ng
RT: 25.59 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:276 Resp: 97404

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.4	35.2
277	24.7	19.8	29.8



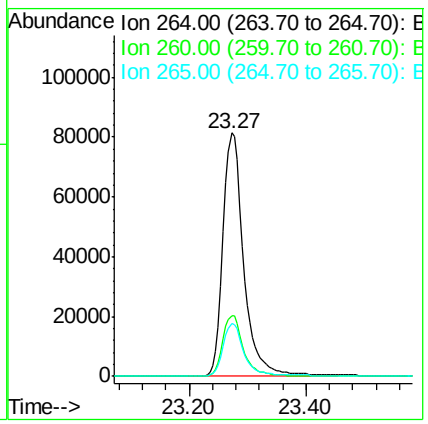


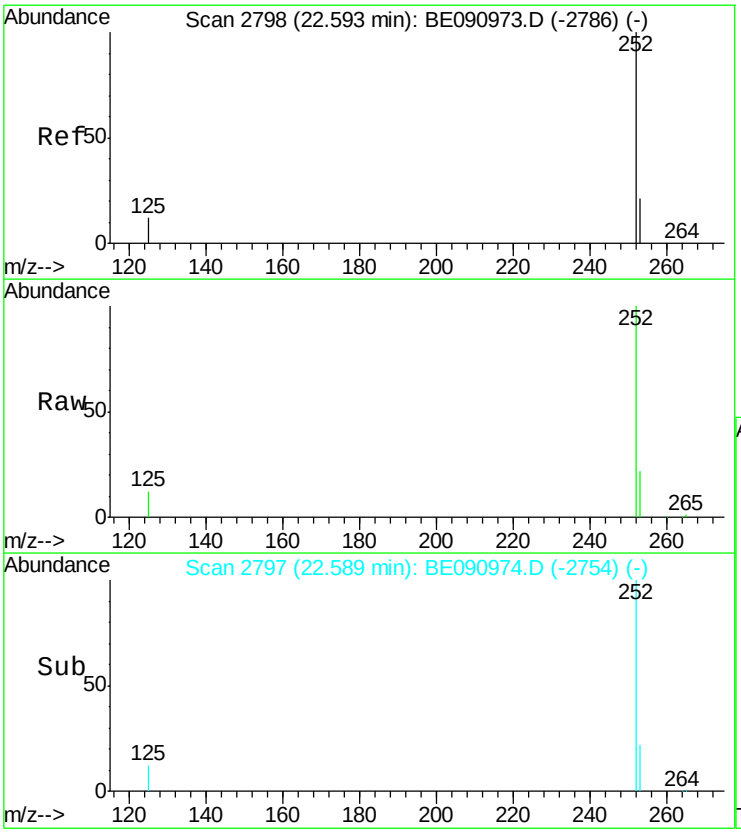
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.27 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:264 Resp: 199652

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	21.8	17.5	26.3

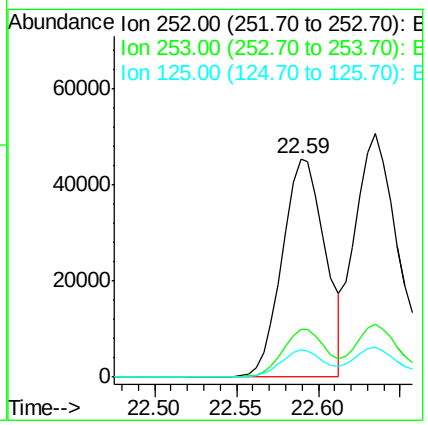


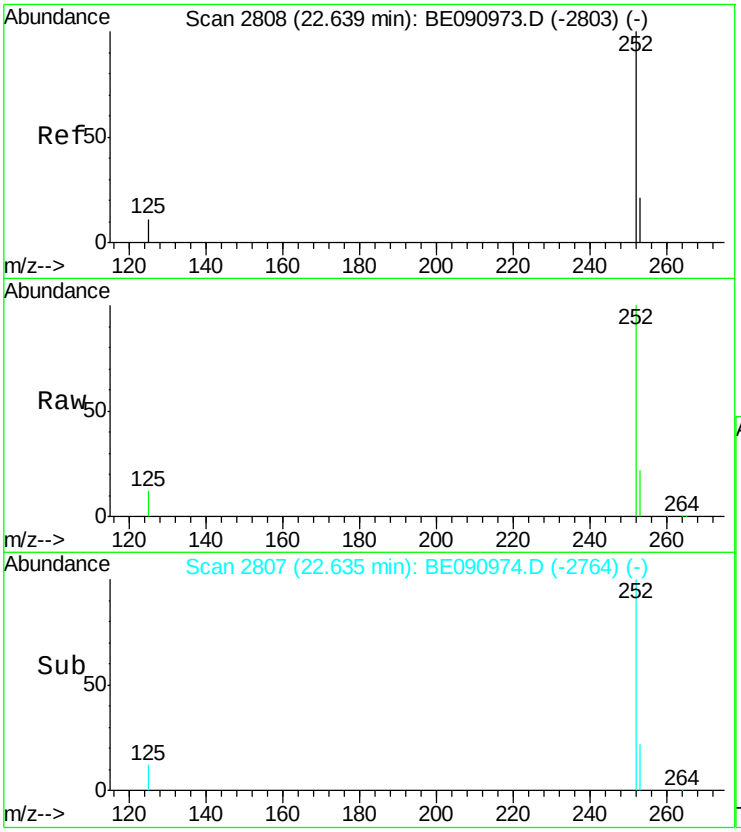


#36
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 22.59 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:252 Resp: 82749

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.2	10.2	15.2



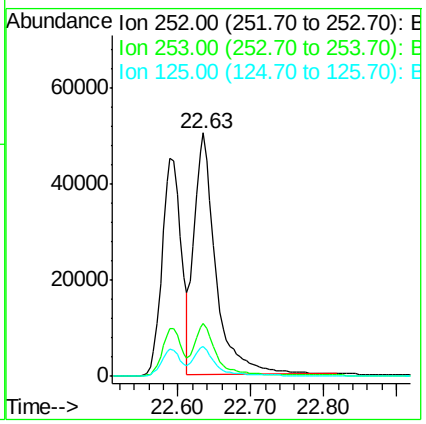


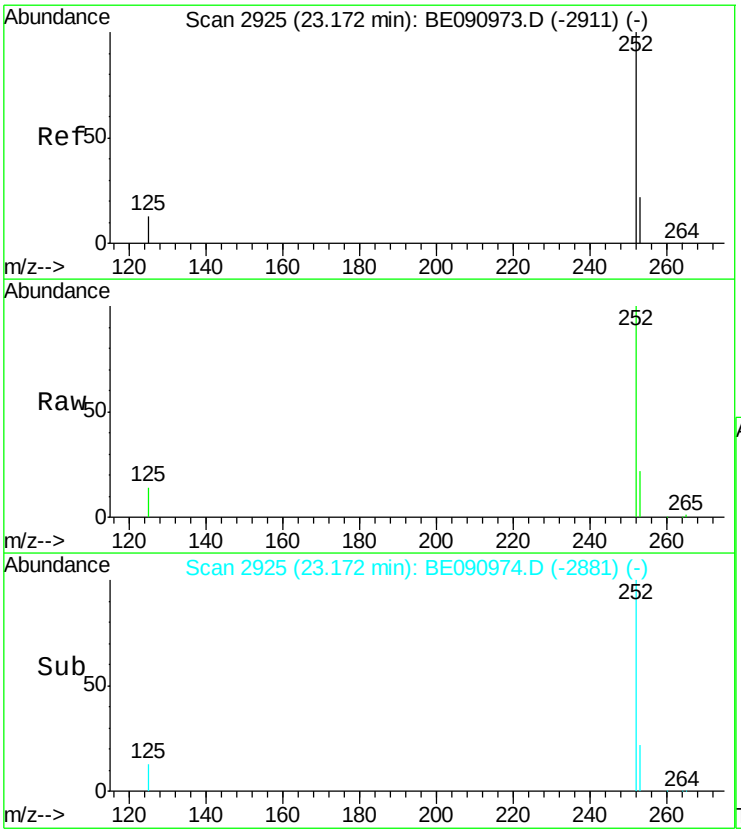
#37
Benzo(k)fluoranthene
Concen: 0.84 ng
RT: 22.63 min Scan# 2807
Delta R.T. -0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 104099

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	12.2	9.9	14.9

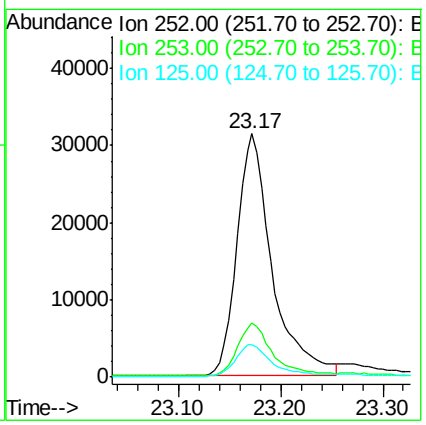


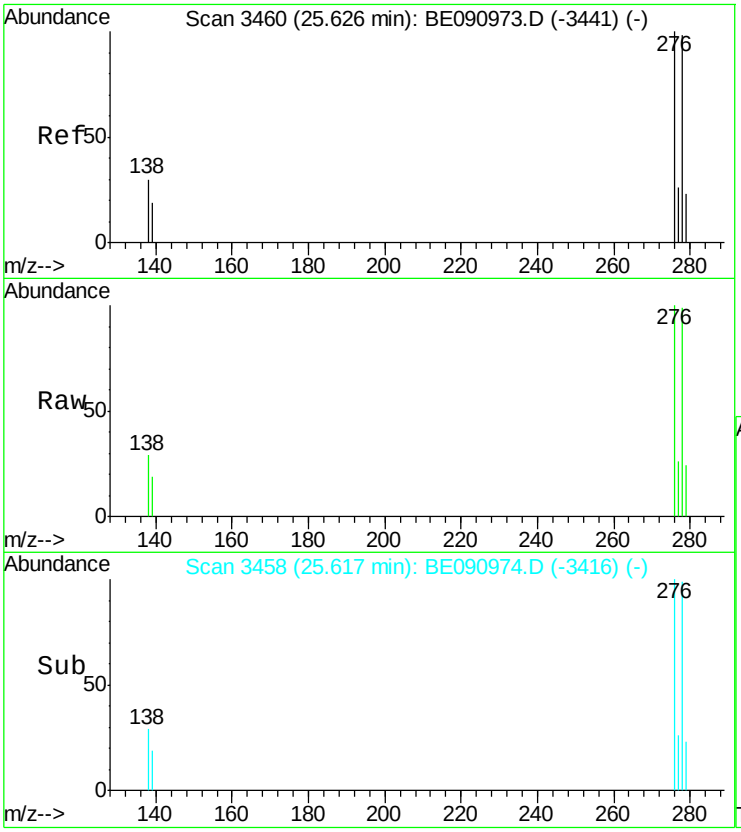


#38
Benzo(a)pyrene
Concen: 0.85 ng
RT: 23.17 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:252 Resp: 74681

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.5	11.0	16.4



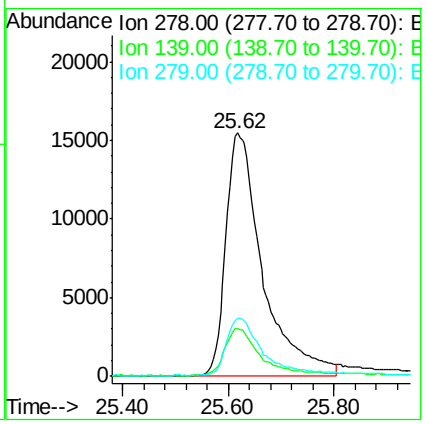


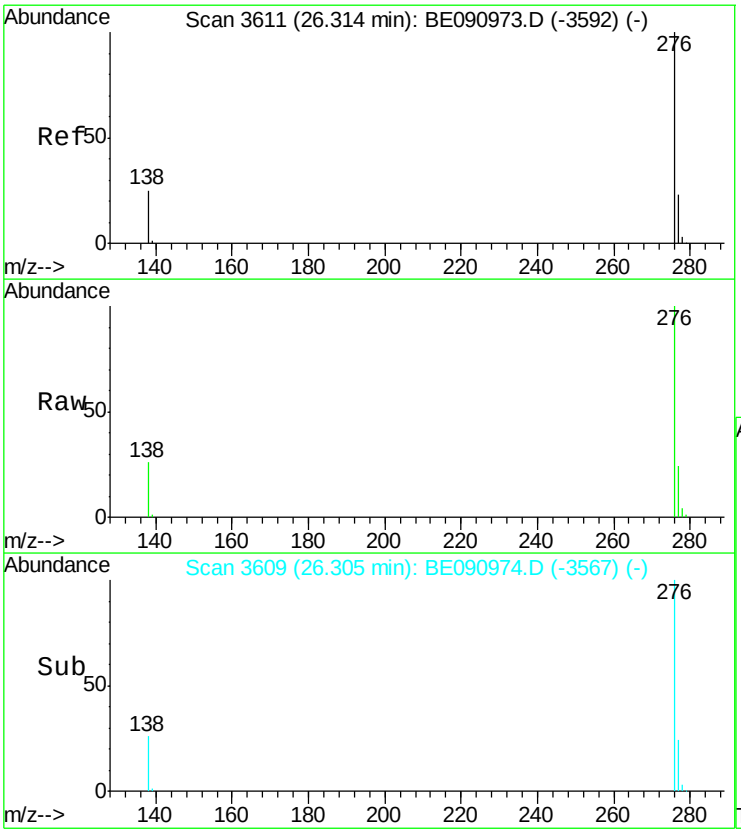
#39
Dibenzo(a,h)anthracene
Concen: 0.86 ng
RT: 25.62 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:278 Resp: 74255

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





#40
Benzo(g,h,i)perylene
Concen: 0.82 ng
RT: 26.30 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BE090974.D
Acq: 28 Sep 2015 20:10

Tgt Ion:276 Resp: 79221

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	25.9	20.4	30.6