Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090972.D
Acq On : 28 Sep 2015 18:19
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Sep 29 05:37:34 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	31090	5.00	ng		0.00
7) Naphthalene-d8	10.25	136	131002	5.00	ng		0.00
13) Acenaphthene-d10	14.11	164	72857	5.00	ng		0.00
19) Phenanthrene-d10	16.86	188	172691	5.00	ng		0.00
26) Chrysene-d12	21.03	240	208857	5.00	ng		0.00
35) Perylene-d12	23.27	264	193050	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	5384	0.46	ng		0.00
5) Phenol-d6	6.75	99	5977	0.35	ng		0.03
8) Nitrobenzene-d5	8.67	82	5599	0.33	ng		0.02
14) 2,4,6-Tribromophenol	15.64	330	1810	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	16060	0.35	ng		0.00
29) Terphenyl-d14	19.50	244	21539	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	4357	0.37	ng		98
3) n-Nitrosodimethylamine	3.39	42	4510	0.37	ng		98
6) bis(2-Chloroethyl)ether	6.93	93	1905	0.11	ng	#	26
9) Nitrobenzene	8.71	77	5516	0.32	ng		94
10) Naphthalene	10.30	128	23743	0.35	ng		100
11) Hexachlorobutadiene	10.59	225	4169	0.35	ng		99
12) 2-Methylnaphthalene	11.95	142	13990	0.35	ng		99
16) Acenaphthylene	13.83	152	100945	0.36	ng		100
17) Acenaphthene	14.18	154	16481	0.36	ng		98
18) Fluorene	15.19	166	19915	0.35	ng		100
20) 4-Bromophenyl-phenylether	16.07	248	5371	0.35	ng		98
21) Hexachlorobenzene	16.18	284	28507	0.35	ng		99
22) Pentachlorophenol	16.58	266	1358	0.33	ng		99
23) Phenanthrene	16.91	178	35646	0.36	ng		99
24) Anthracene	17.01	178	27095	0.33	ng		98
25) Fluoranthene	18.92	202	39641	0.37	ng		100
27) Benzidine	19.17	184	2430	0.32	ng		96
28) Pyrene	19.28	202	41114	0.37	ng		100
30) Benzo(a)anthracene	21.01	228	38667	0.35	ng		99
31) 3,3'-Dichlorobenzidine	20.98	252	5969	0.39	ng		97
32) Chrysene	21.06	228	49135	0.38	ng		99
33) Bis(2-ethylhexyl)phthalate	20.96	149	12164	0.39	ng		100
34) Indeno(1,2,3-cd)pyrene	25.61	276	40545	0.37	ng		99
36) Benzo(b)fluoranthene	22.59	252	33394	0.35	ng		99
37) Benzo(k)fluoranthene	22.64	252	44587	0.37	ng		99
38) Benzo(a)pyrene	23.17	252	30972	0.36	ng		99
39) Dibenzo(a,h)anthracene	25.63	278	28885	0.34	ng		99
40) Benzo(g,h,i)perylene	26.32	276	33964	0.37	ng		100

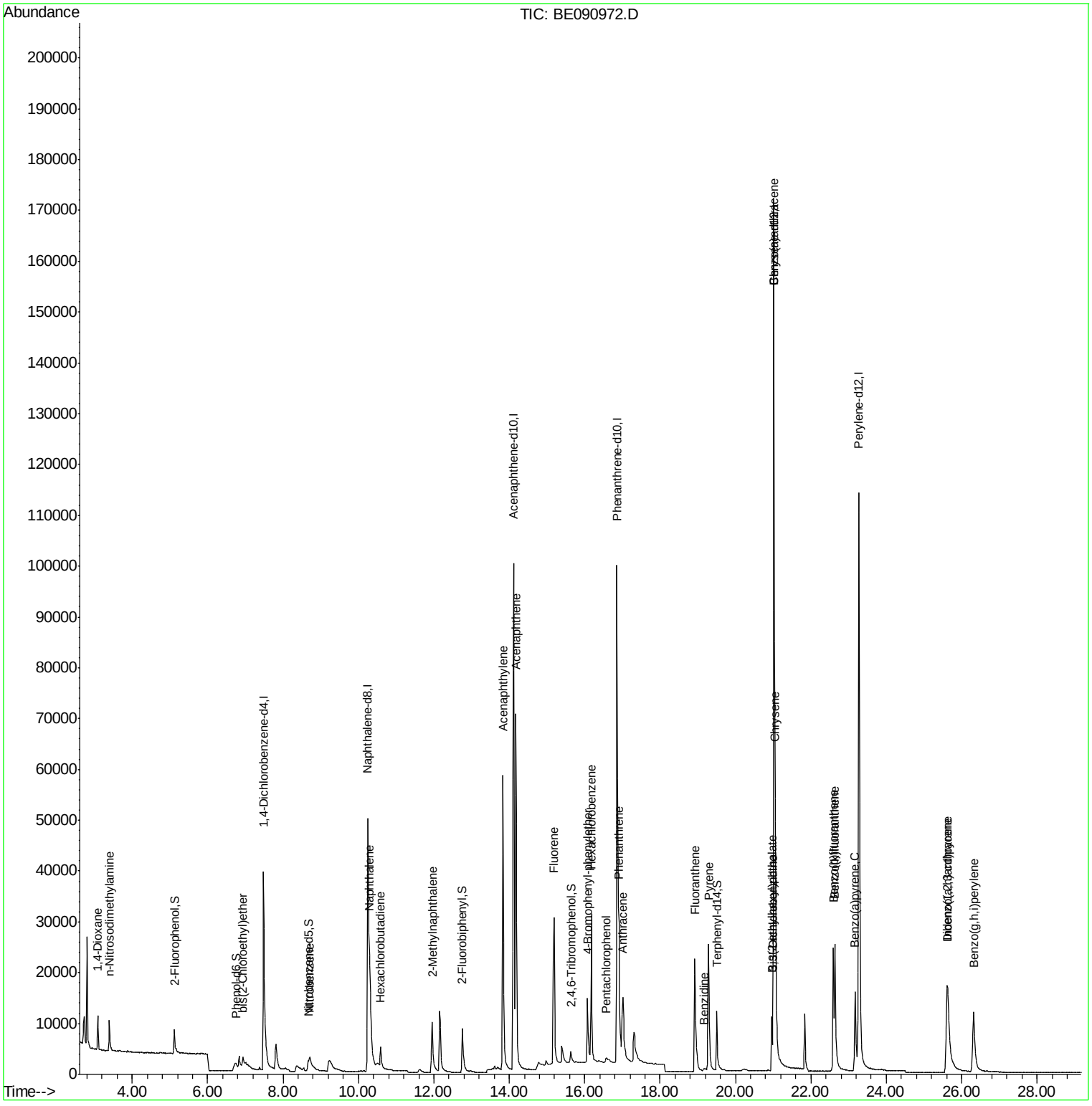
(#) = qualifier out of range (m) = manual integration (+) = signals summed

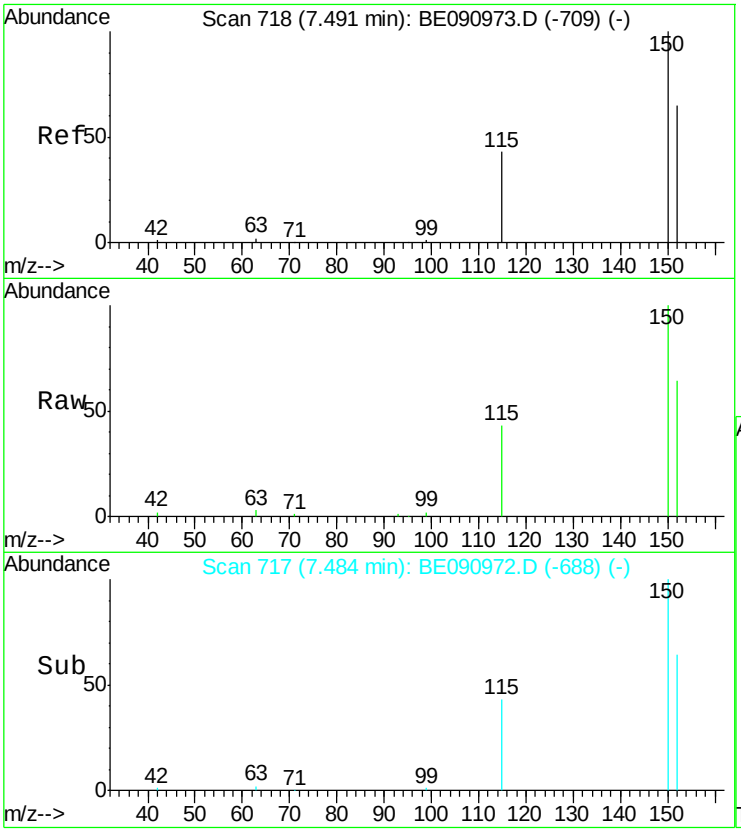
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090972.D
Acq On : 28 Sep 2015 18:19
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 29 05:37:34 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



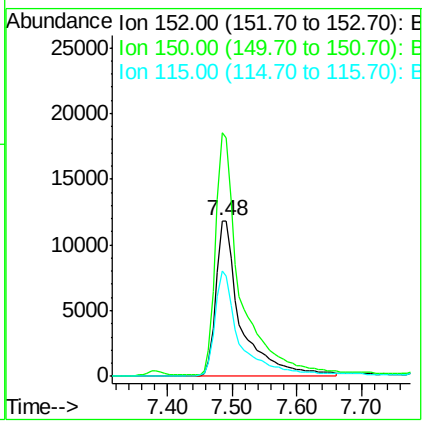


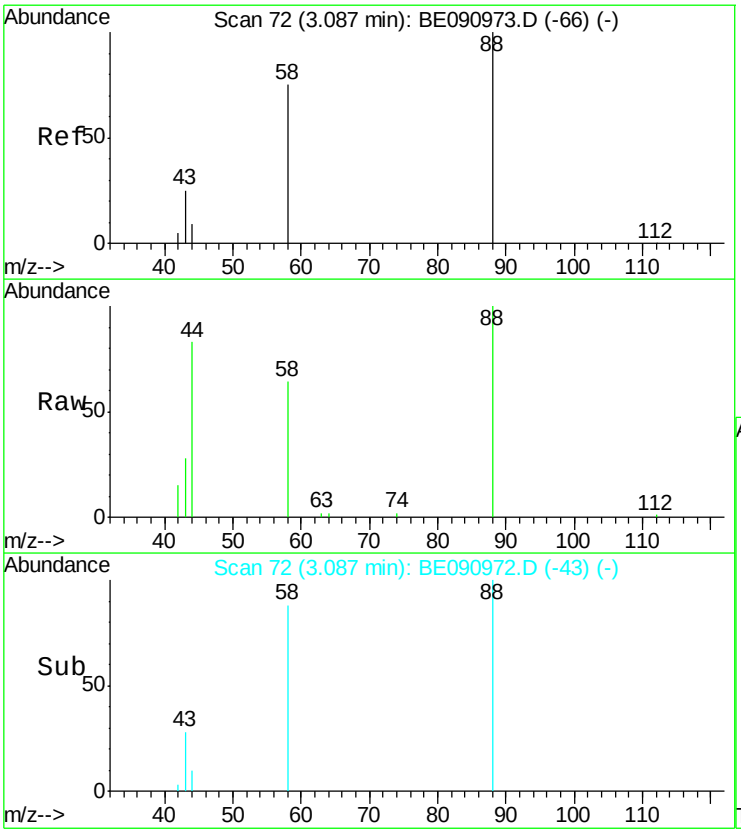
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 31090

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.6	183.8
115	68.0	52.8	79.2

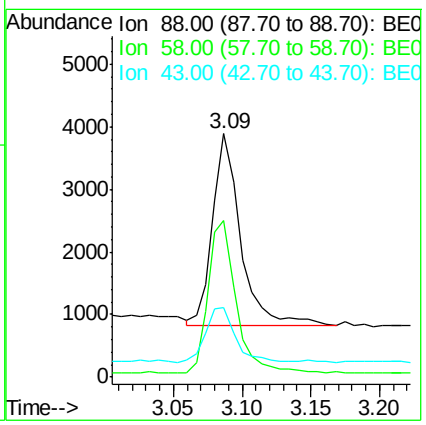


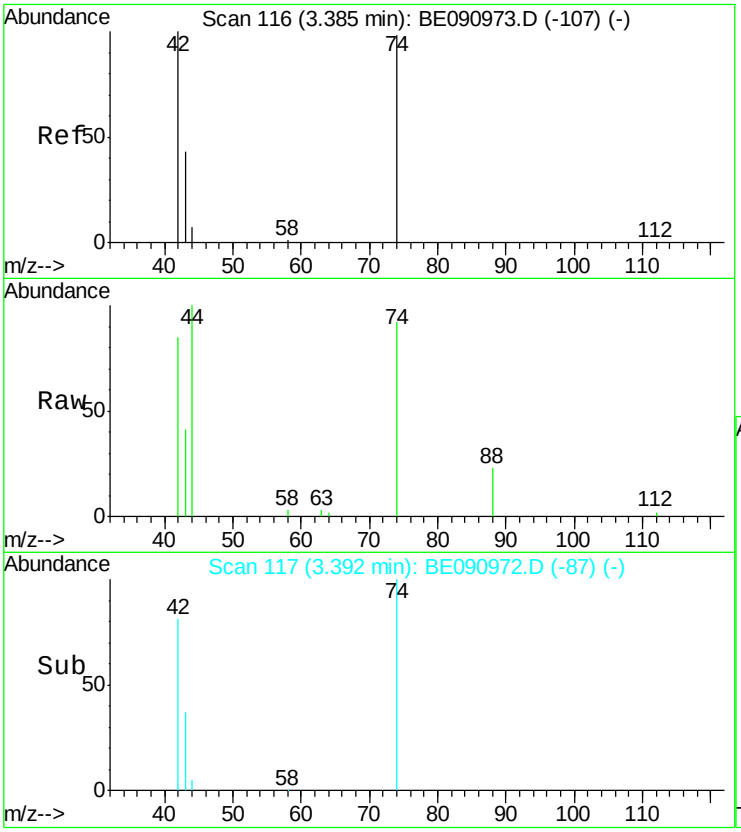


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.09 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion: 88 Resp: 4357

Ion	Ratio	Lower	Upper
88	100		
58	80.7	65.8	98.6
43	30.3	25.3	37.9



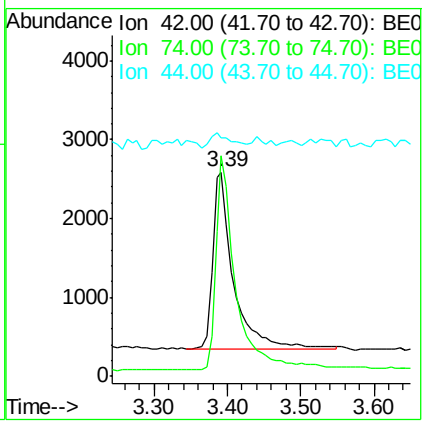


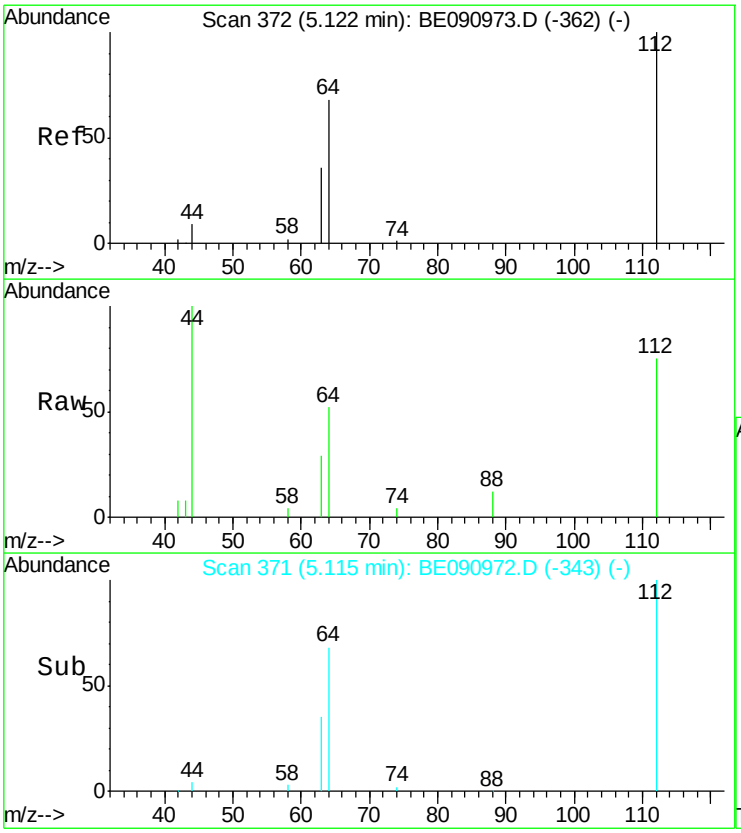
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.39 min Scan# 117
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4510

Ion	Ratio	Lower	Upper
42	100		
74	111.5	87.9	131.9
44	7.7	6.6	9.8

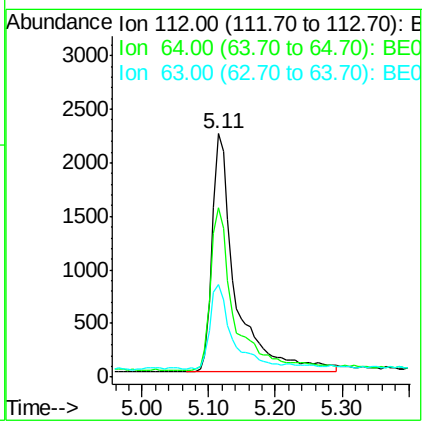


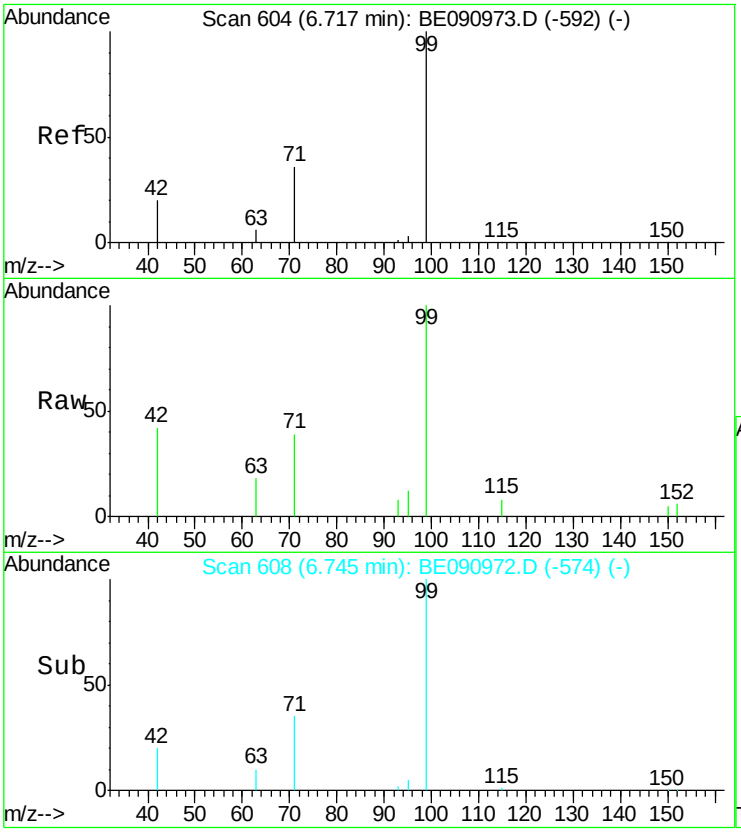


#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.11 min Scan# 371
Delta R.T. -0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:112 Resp: 5384

Ion	Ratio	Lower	Upper
112	100		
64	70.3	30.9	46.3#
63	37.5	16.7	25.1#



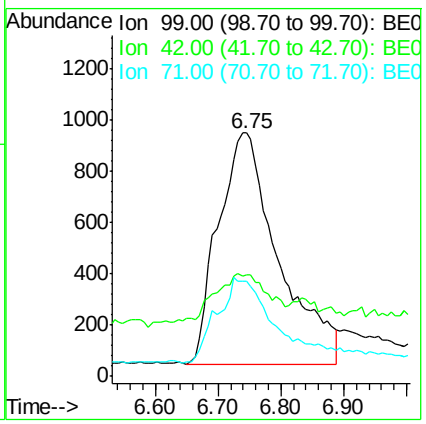


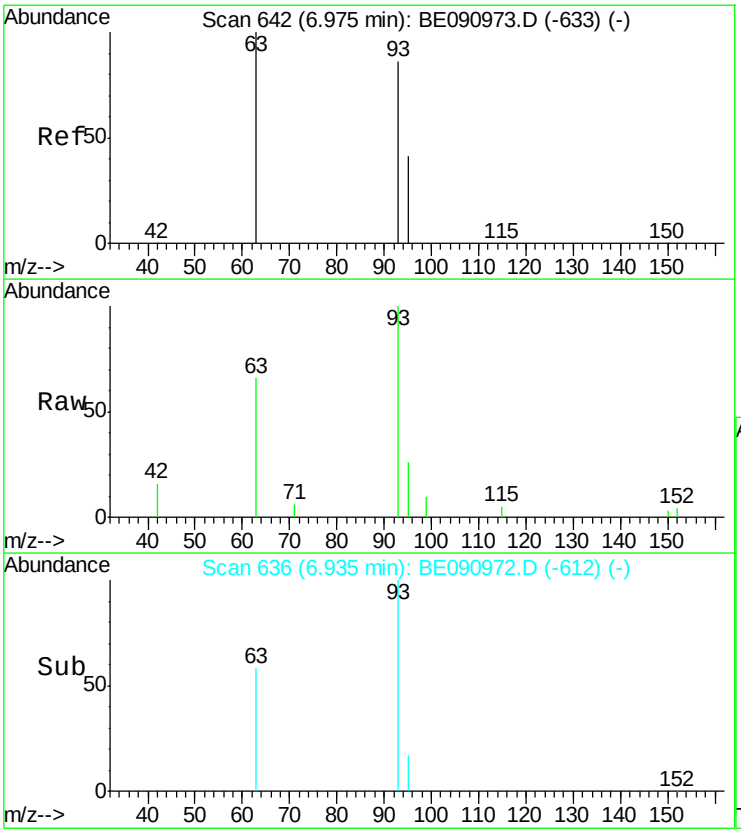
#5
Phenol-d6
Concen: 0.35 ng
RT: 6.75 min Scan# 608
Delta R.T. 0.03 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 5977

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.2	24.2#
71	0.0	29.0	43.4#

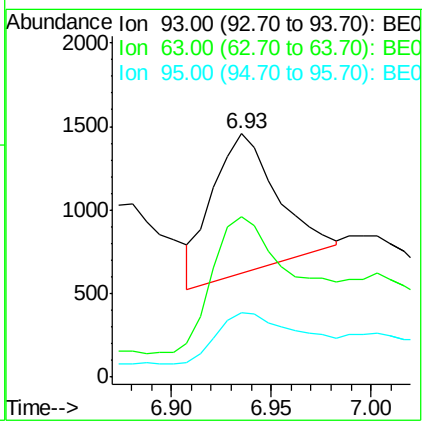


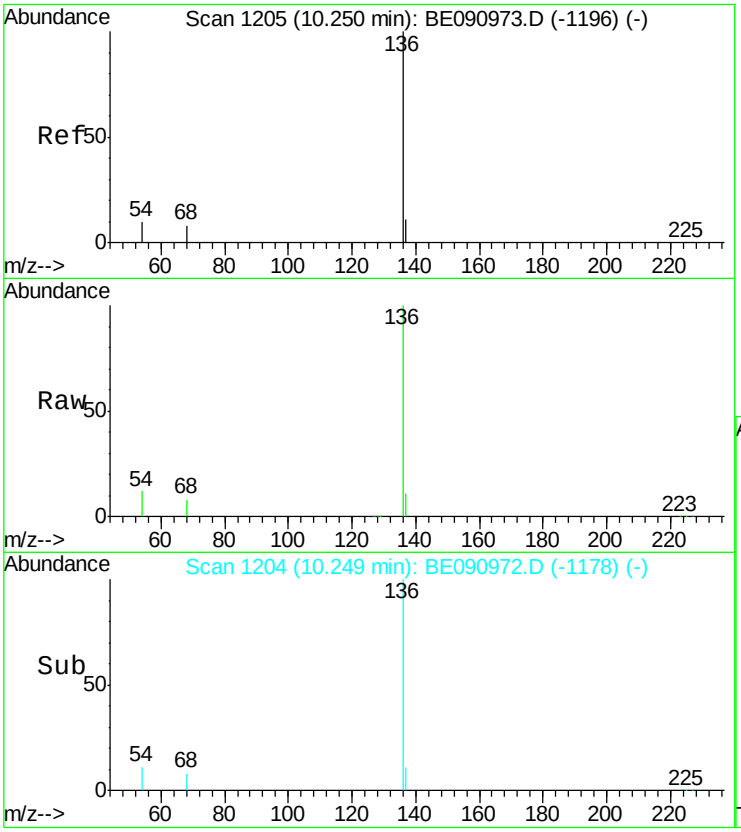


#6
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.93 min Scan# 636
Delta R.T. -0.04 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion: 93 Resp: 1905

Ion	Ratio	Lower	Upper
93	100		
63	130.0	49.5	74.3#
95	48.9	22.2	33.4#



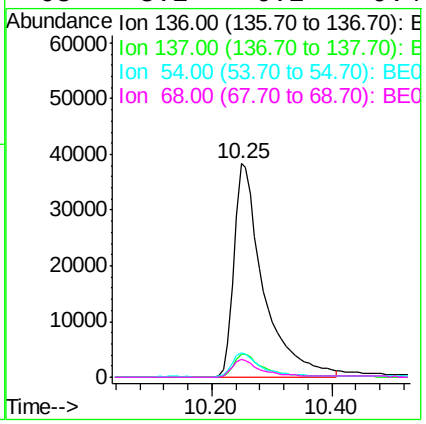


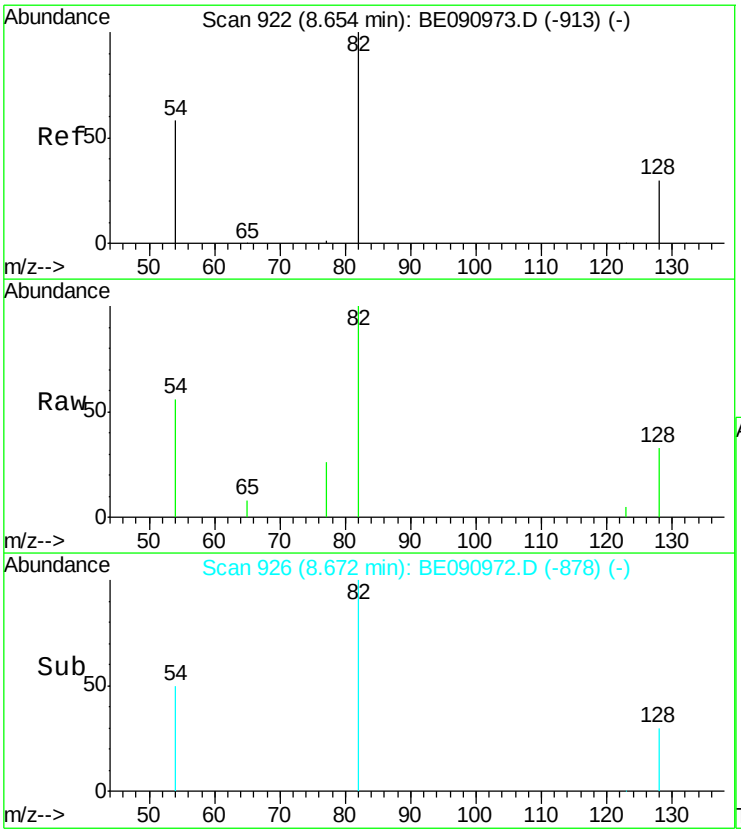
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.25 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 131002

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.5	8.2	12.4
68	8.2	6.2	9.4

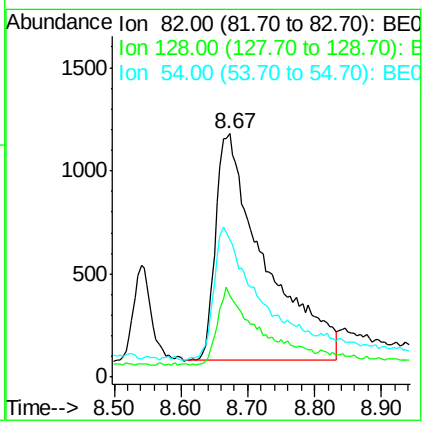


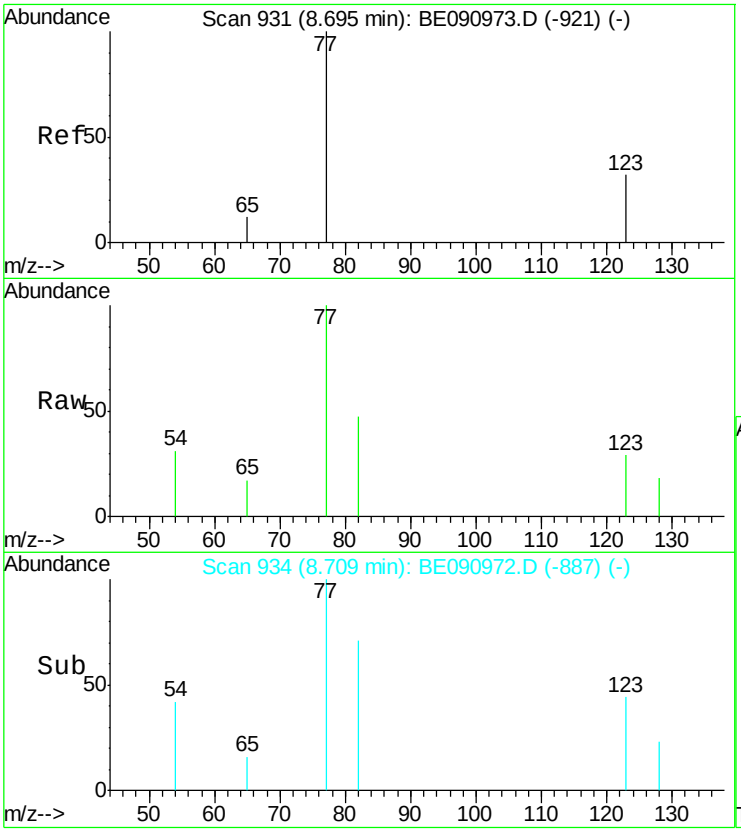


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.67 min Scan# 926
Delta R.T. 0.02 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion: 82 Resp: 5599

Ion	Ratio	Lower	Upper
82	100		
128	33.5	25.4	38.0
54	56.2	48.4	72.6



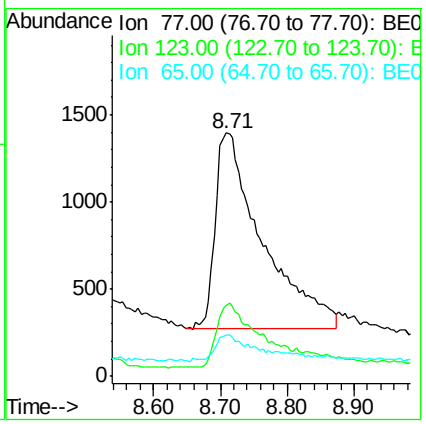


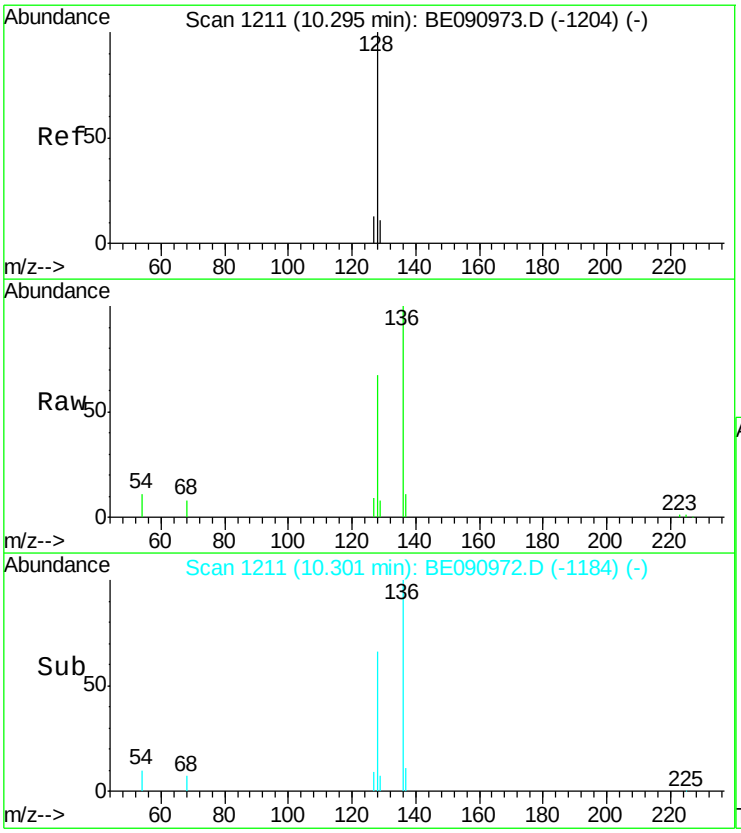
#9
Nitrobenzene
Concen: 0.32 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 77 Resp: 5516

Ion	Ratio	Lower	Upper
77	100		
123	29.2	26.9	40.3
65	10.9	9.4	14.2

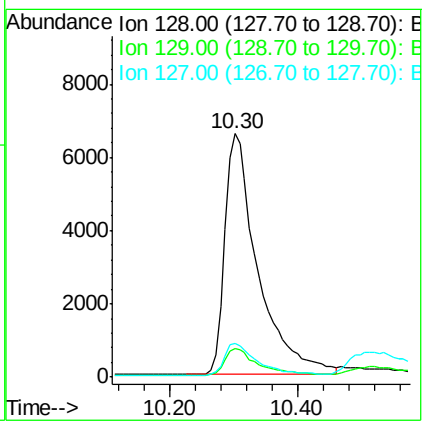


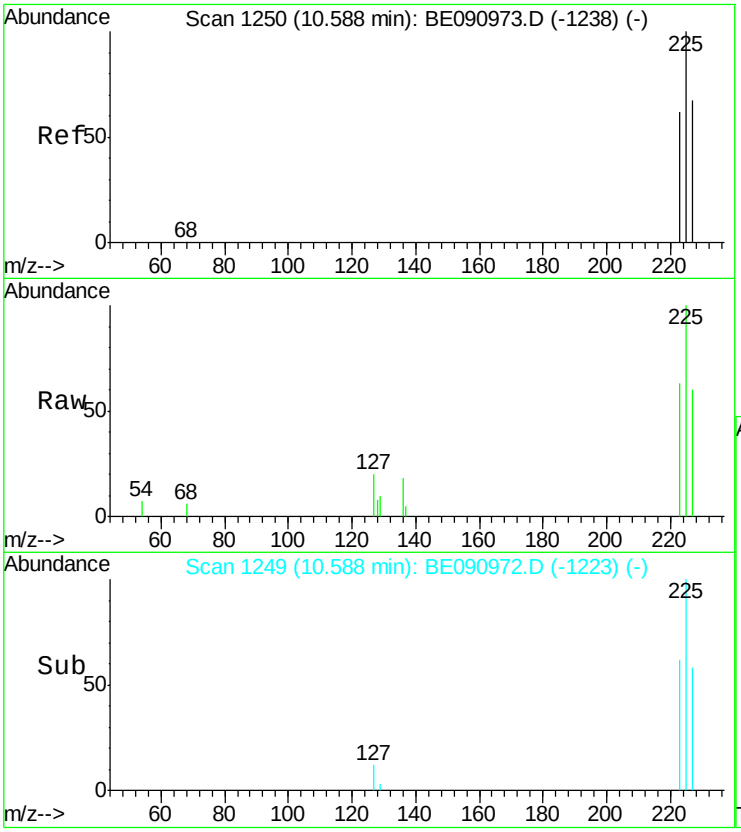


#10
Naphthalene
Concen: 0.35 ng
RT: 10.30 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:128 Resp: 23743

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.7	10.7	16.1



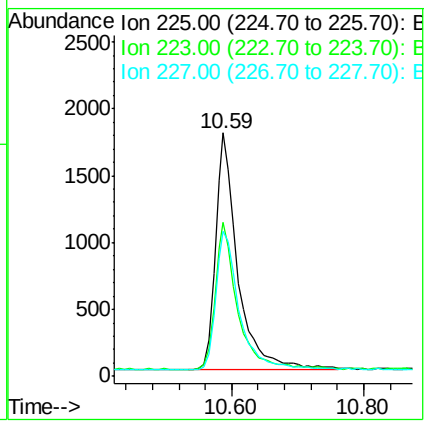


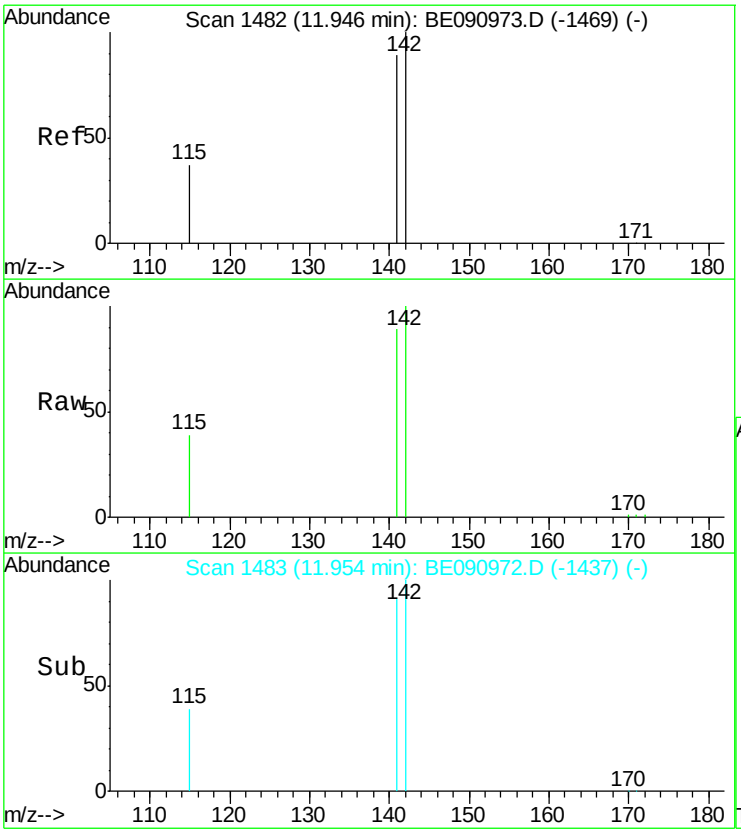
#11
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.59 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 4169

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.6
227	62.7	50.3	75.5

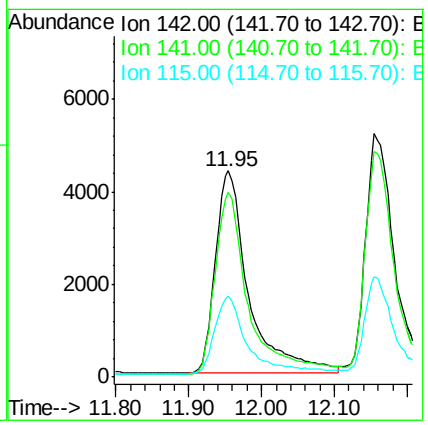


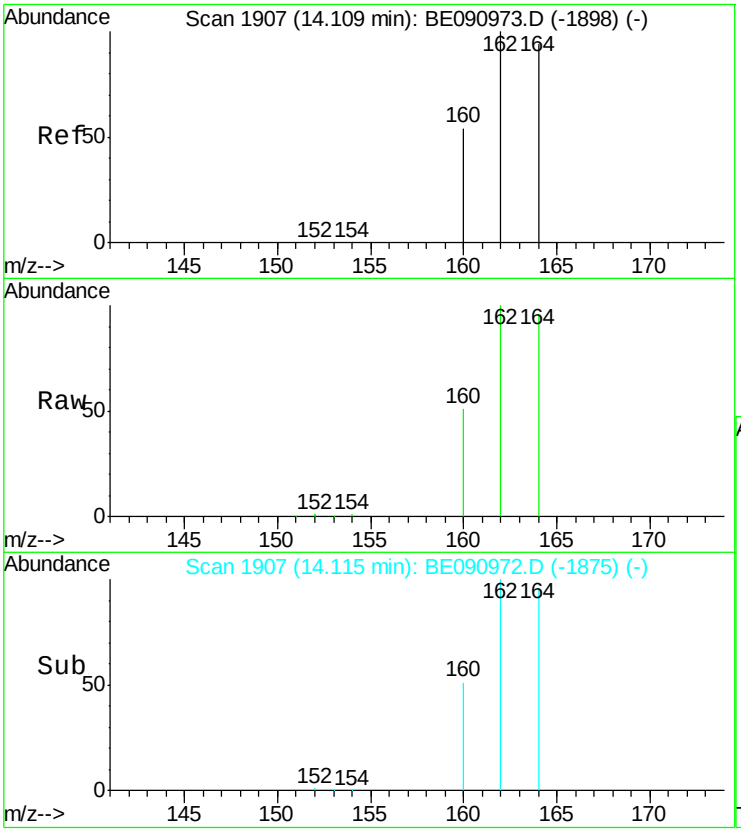


#12
2-Methylnaphthalene
Concen: 0.35 ng
RT: 11.95 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:142 Resp: 13990

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0
115	39.4	30.3	45.5



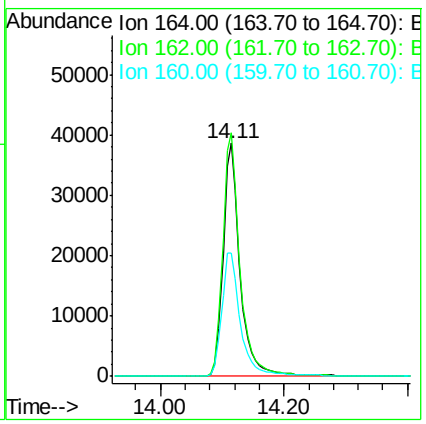


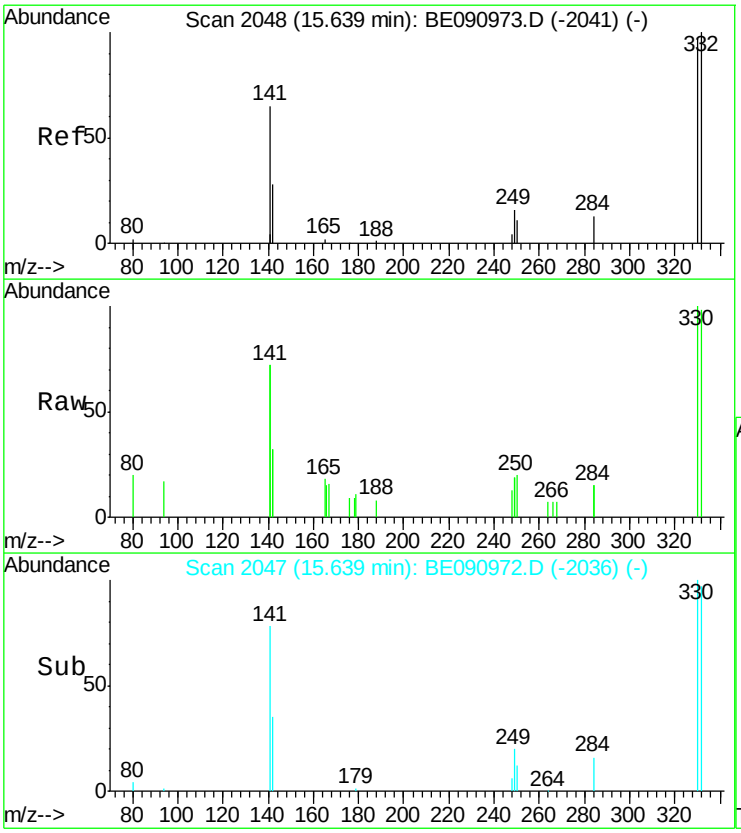
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 72857

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.3	127.9
160	53.0	46.2	69.2

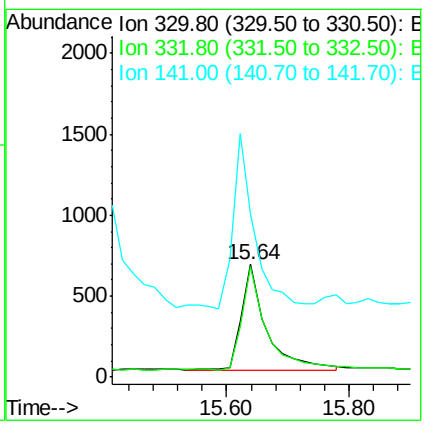


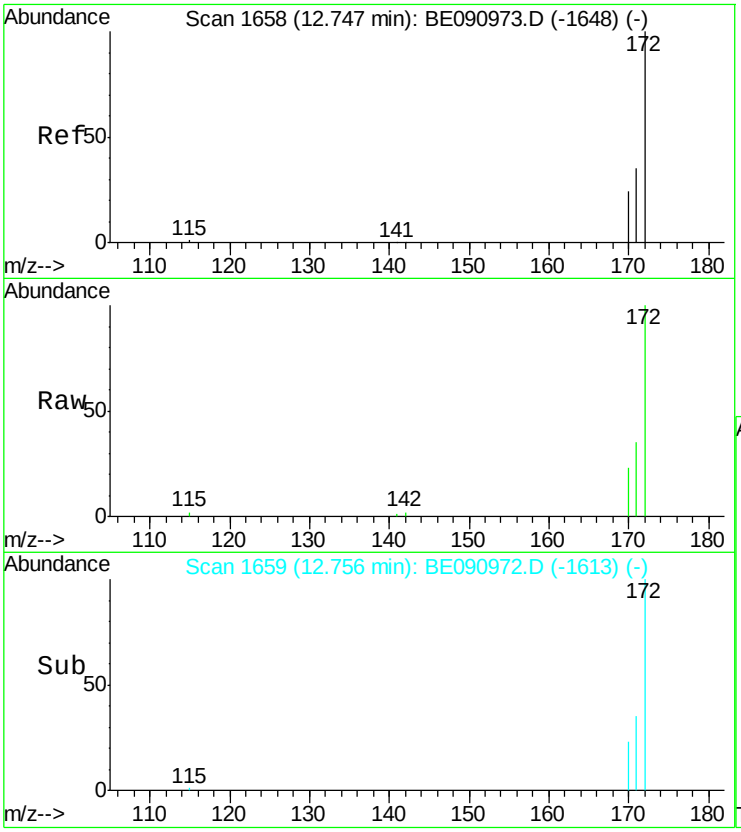


#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.64 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:330 Resp: 1810

Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.1	118.7
141	138.1	125.4	188.0



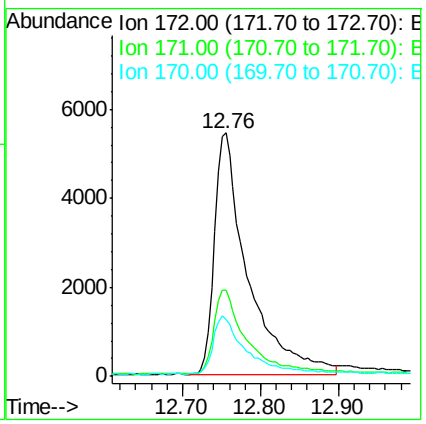


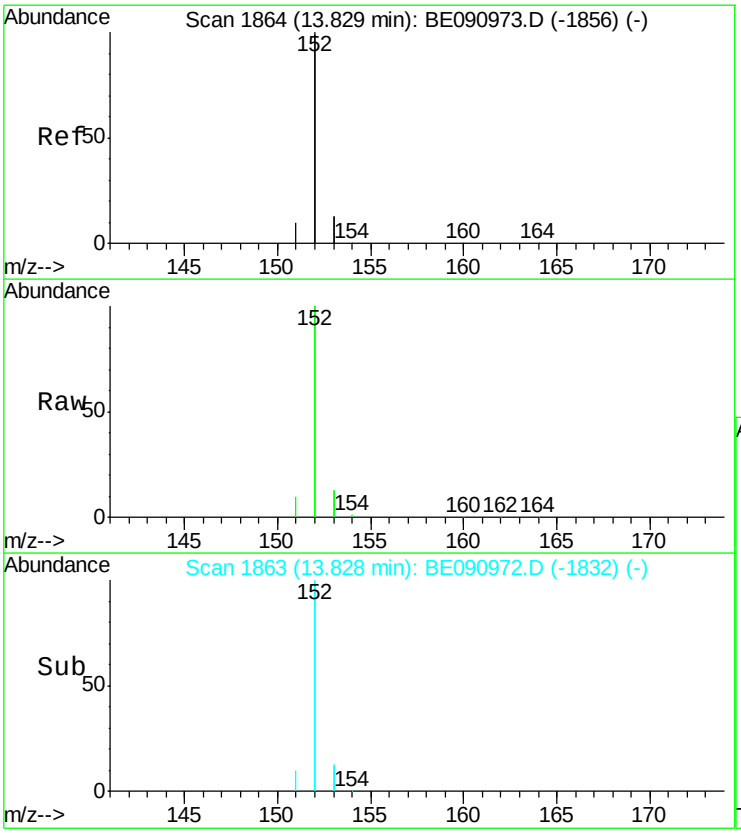
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.76 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 16060

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.2	19.3	28.9

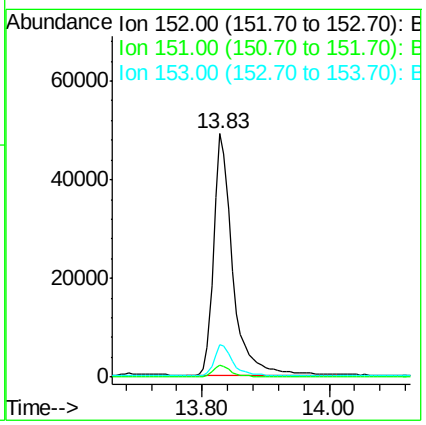


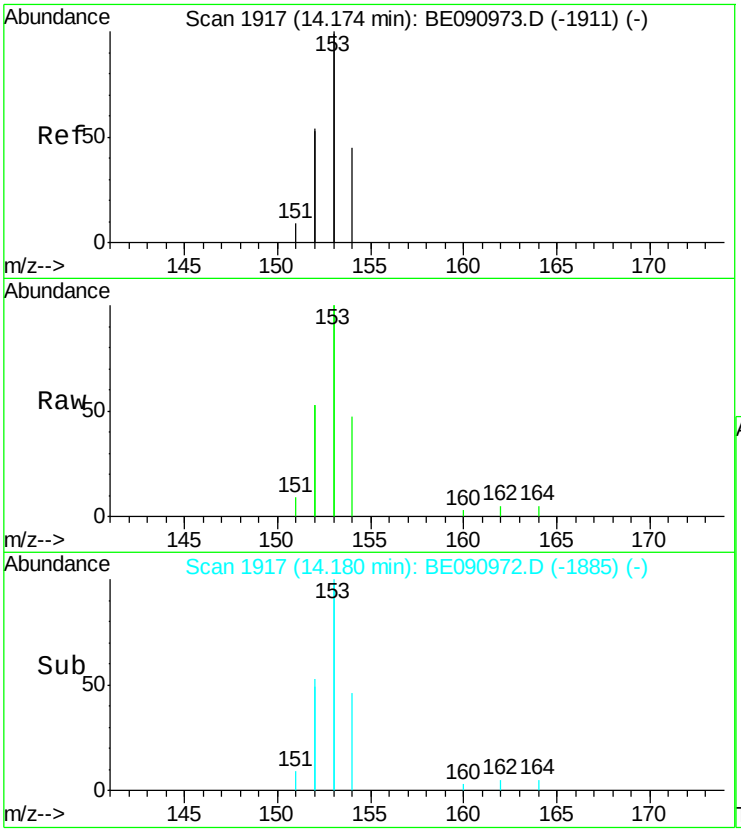


#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.83 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:152 Resp: 100945

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.3	15.5



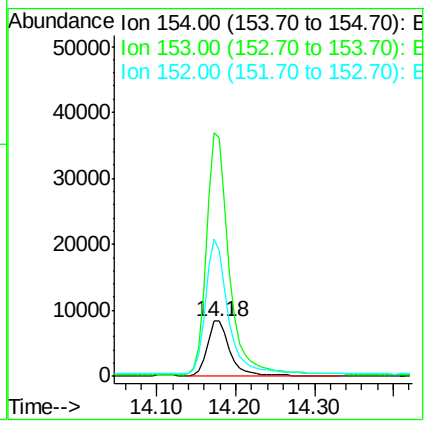


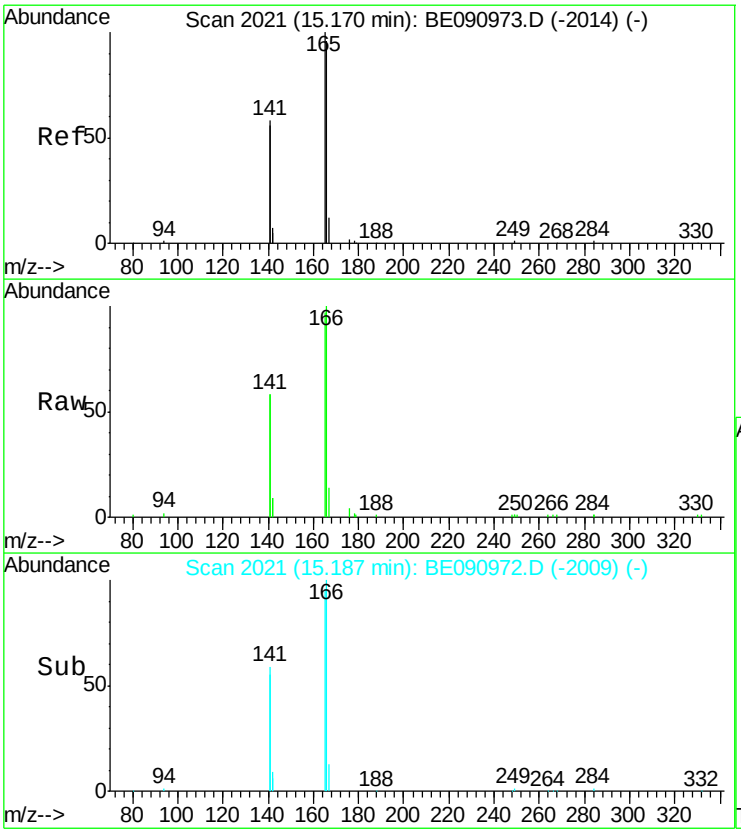
#17
Acenaphthene
Concen: 0.36 ng
RT: 14.18 min Scan# 1917
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 16481

Ion	Ratio	Lower	Upper
154	100		
153	435.7	352.0	528.0
152	245.0	200.0	300.0

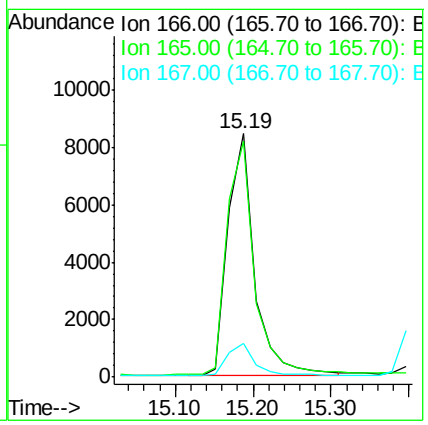


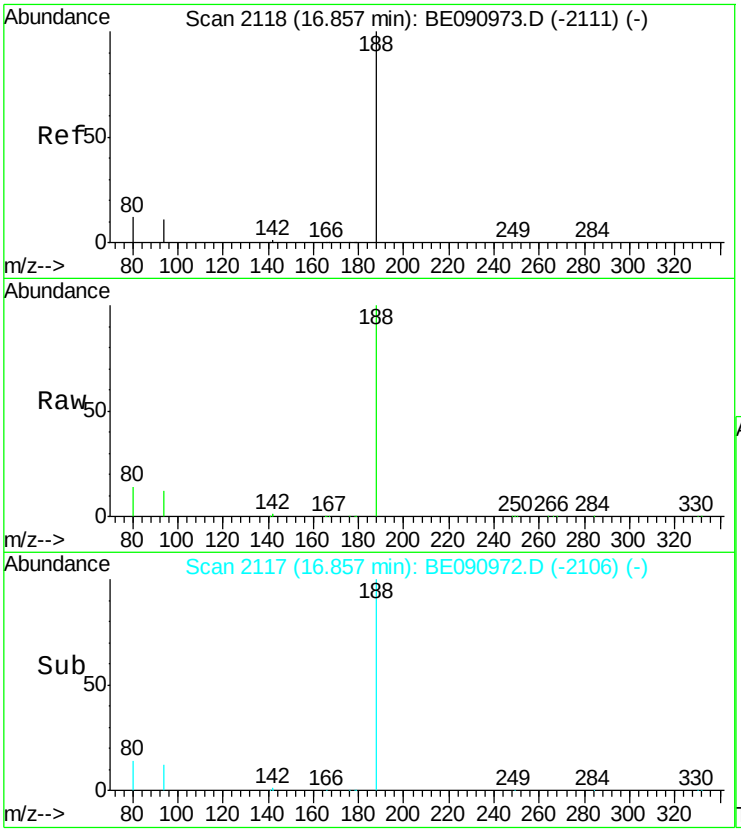


#18
Fluorene
Concen: 0.35 ng
RT: 15.19 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:166 Resp: 19915

Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.8	121.2
167	13.6	10.9	16.3



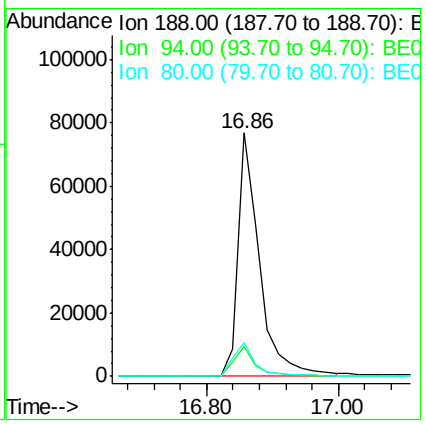


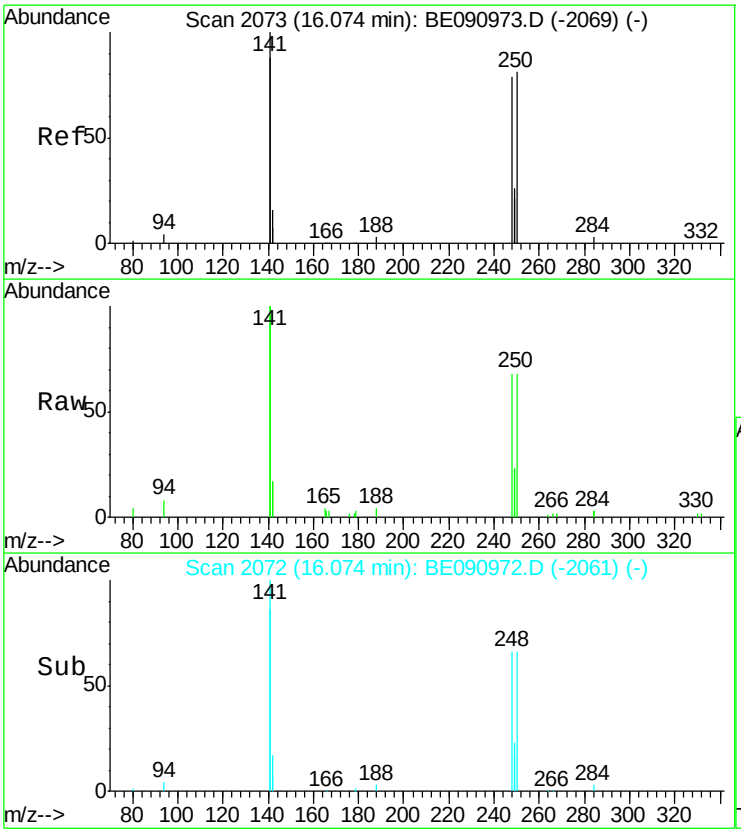
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.86 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 172691

Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.7	13.1
80	13.8	9.4	14.0

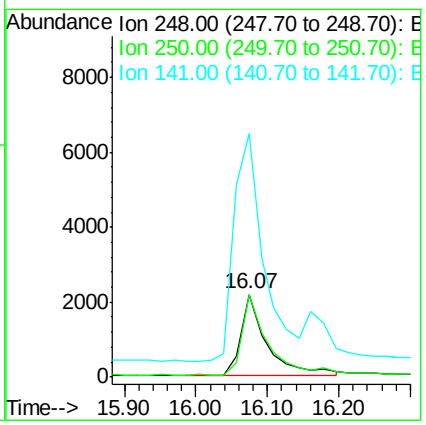


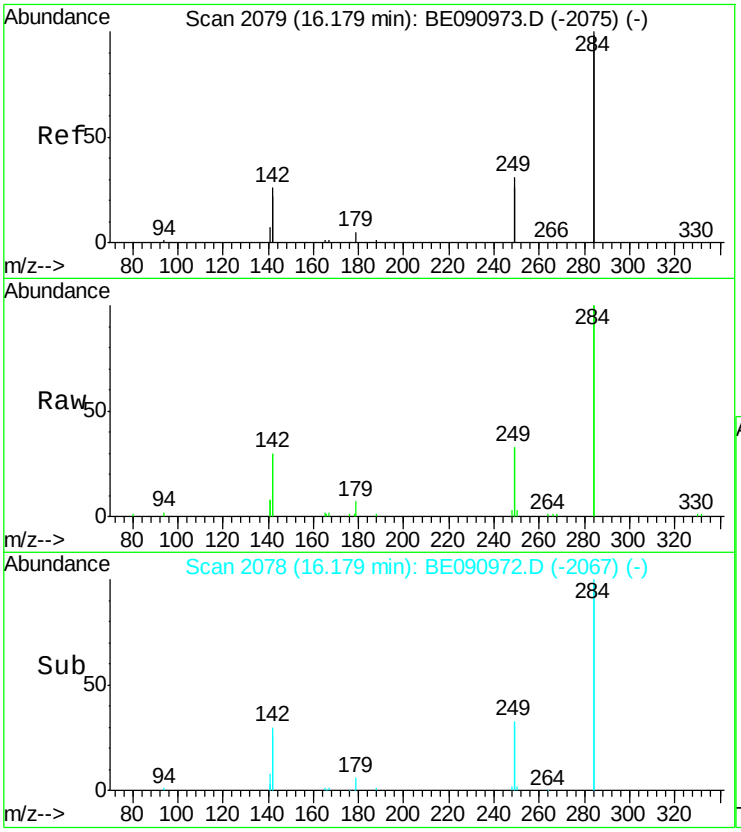


#20
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.07 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:248 Resp: 5371

Ion	Ratio	Lower	Upper
248	100		
250	99.2	80.5	120.7
141	322.7	261.9	392.9



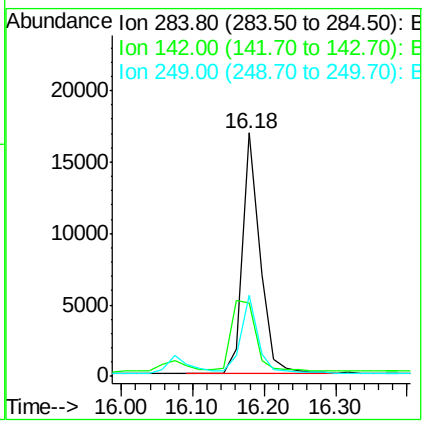


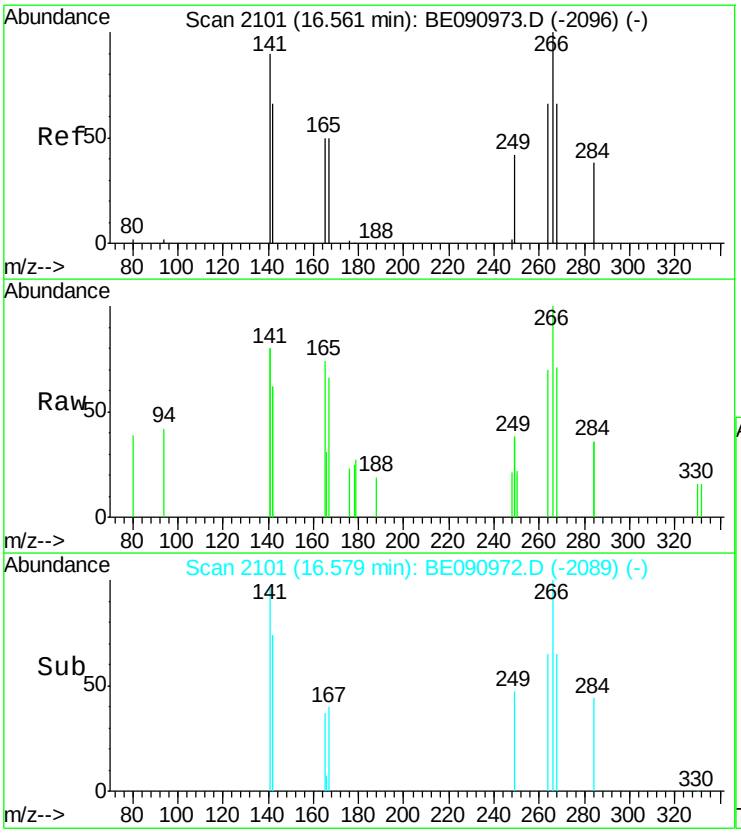
#21
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.18 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 28507

Ion	Ratio	Lower	Upper
284	100		
142	40.4	32.2	48.2
249	30.9	25.4	38.2

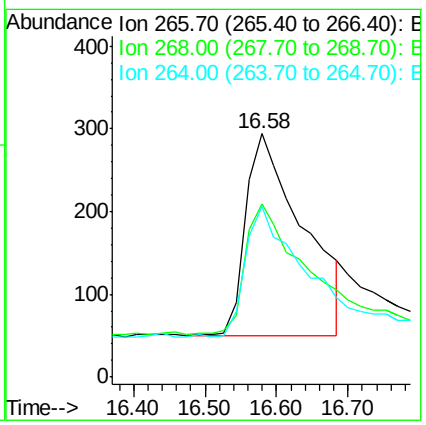


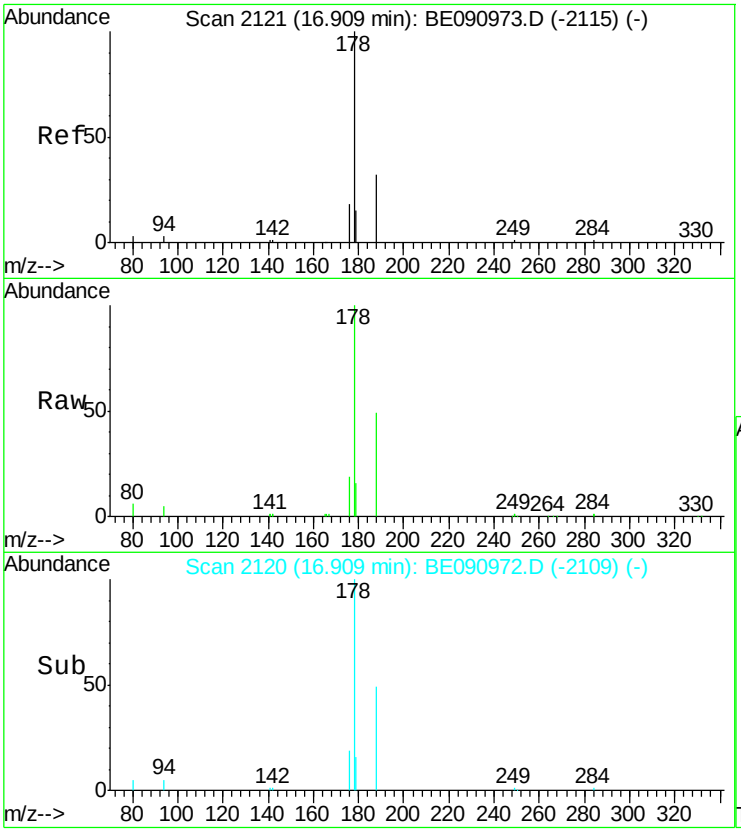


#22
Pentachlorophenol
Concen: 0.33 ng
RT: 16.58 min Scan# 2101
Delta R.T. 0.02 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:266 Resp: 1358

Ion	Ratio	Lower	Upper
266	100		
268	71.1	58.2	87.2
264	70.1	56.2	84.4



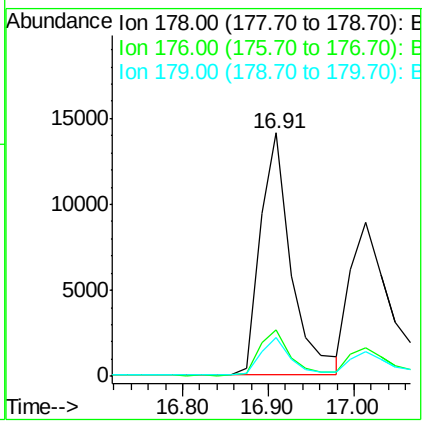


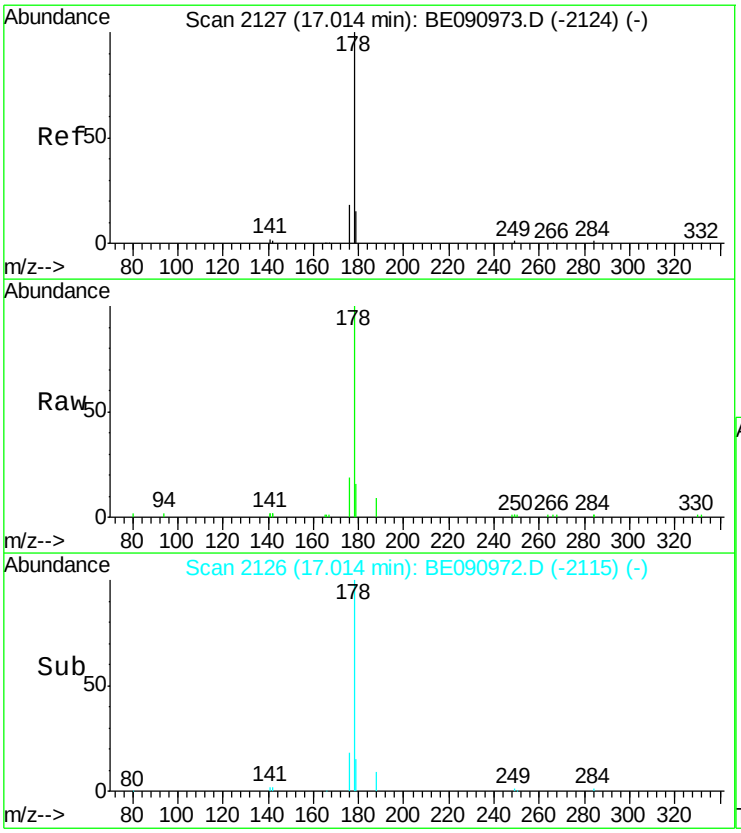
#23
Phenanthrene
Concen: 0.36 ng
RT: 16.91 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 35646

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.6	12.6	18.8

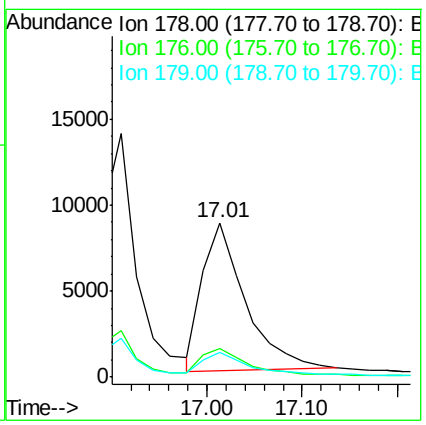


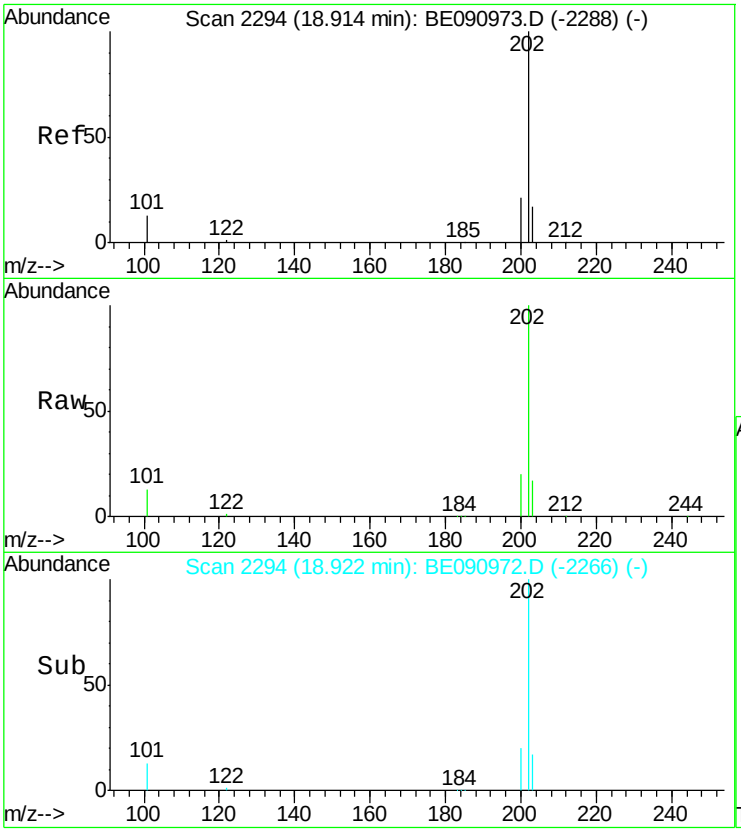


#24
Anthracene
Concen: 0.33 ng
RT: 17.01 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:178 Resp: 27095

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	21.8
179	14.9	11.8	17.6



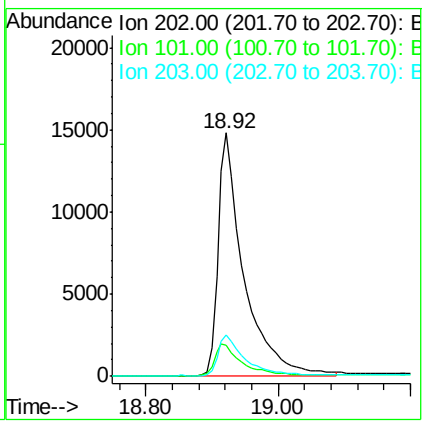


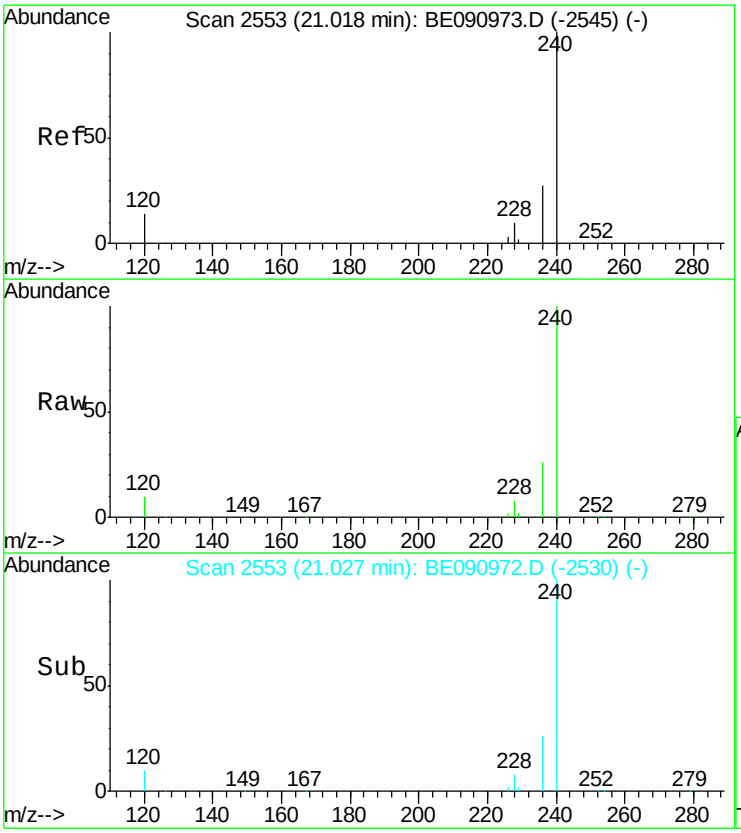
#25
Fluoranthene
Concen: 0.37 ng
RT: 18.92 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 39641

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

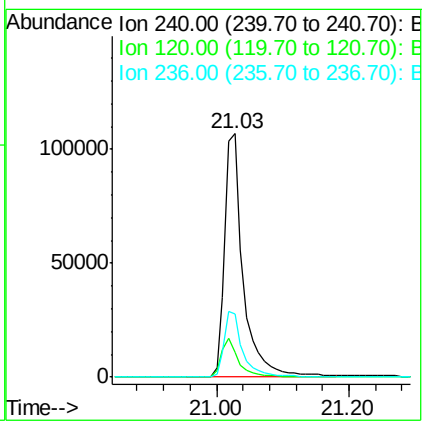


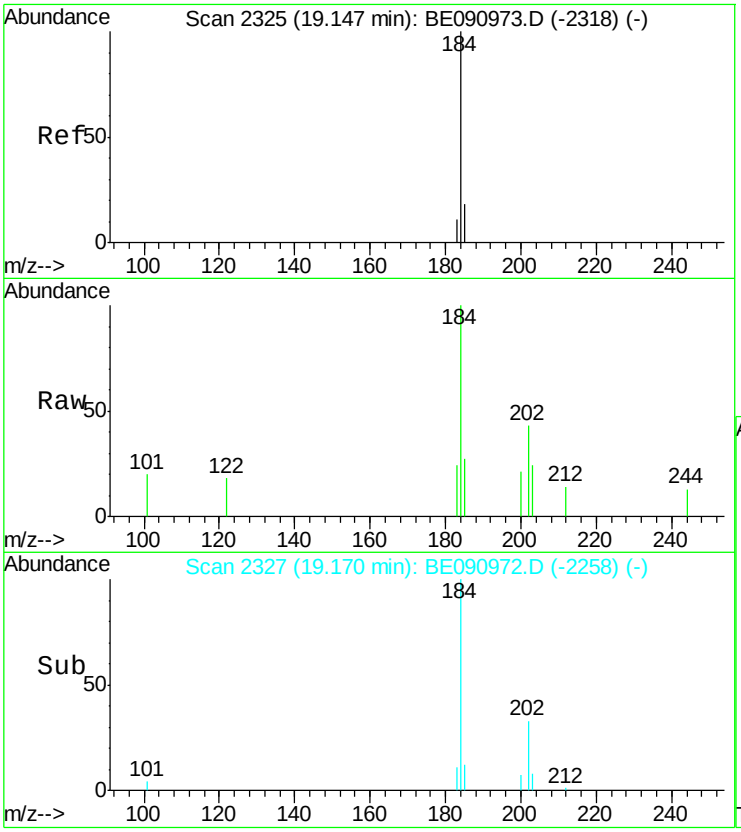


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:240 Resp: 208857

Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.0	16.4#
236	26.0	21.7	32.5



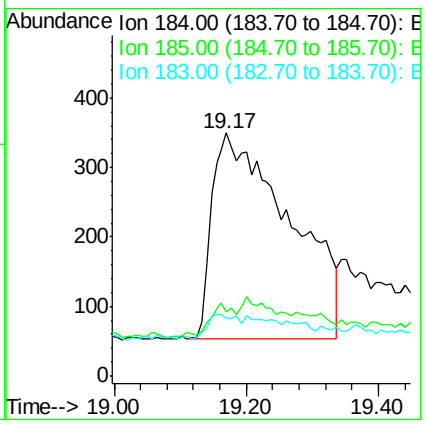


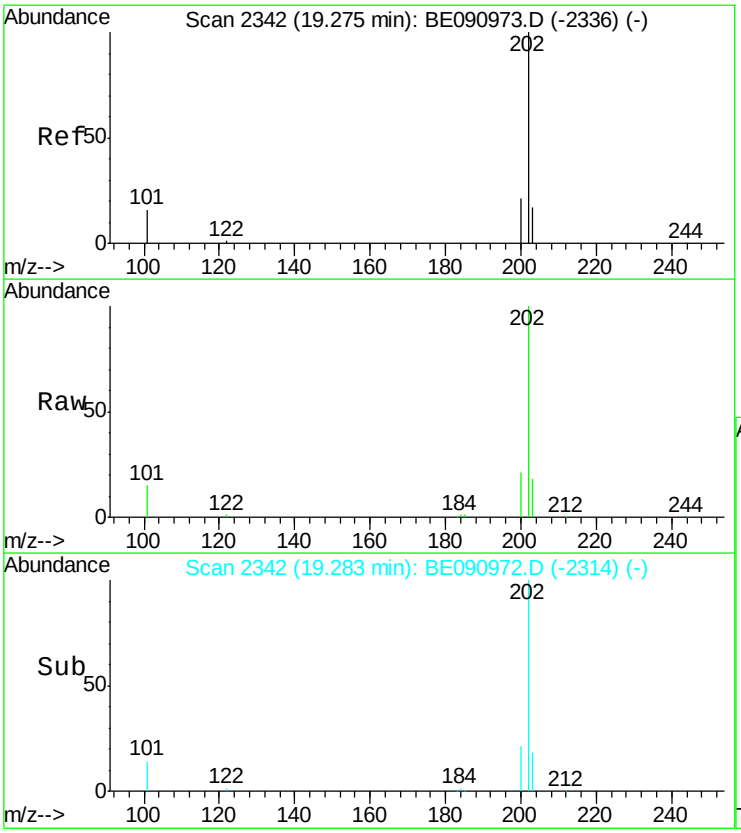
#27
Benzidine
Concen: 0.32 ng
RT: 19.17 min Scan# 2327
Delta R.T. 0.02 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:184 Resp: 2430

Ion	Ratio	Lower	Upper
184	100		
185	26.6	22.3	33.5
183	23.7	16.4	24.6

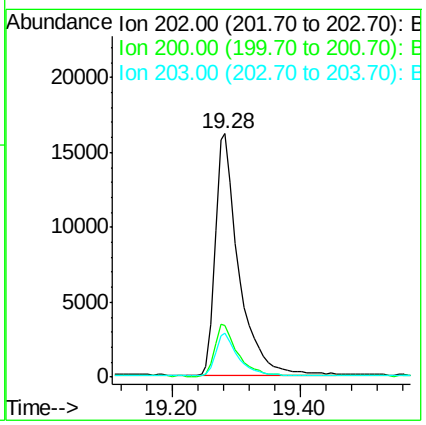


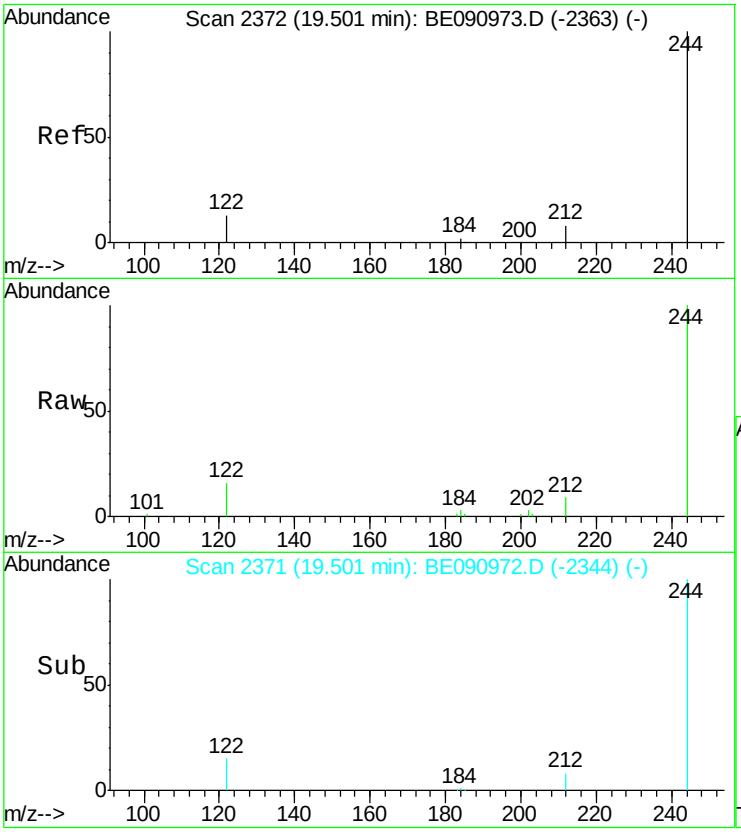


#28
Pyrene
Concen: 0.37 ng
RT: 19.28 min Scan# 2342
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:202 Resp: 41114

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



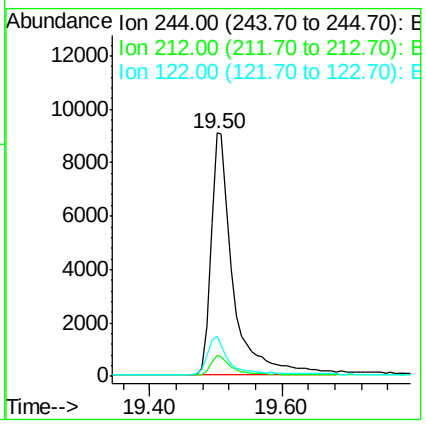


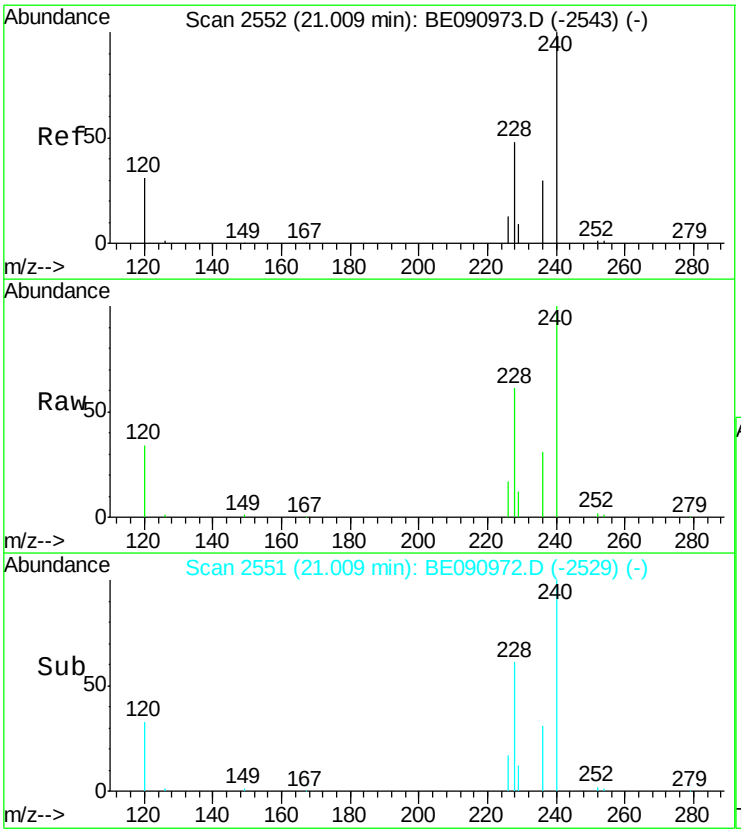
#29
Terphenyl-d14
Concen: 0.38 ng
RT: 19.50 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 21539

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	16.3	11.0	16.4

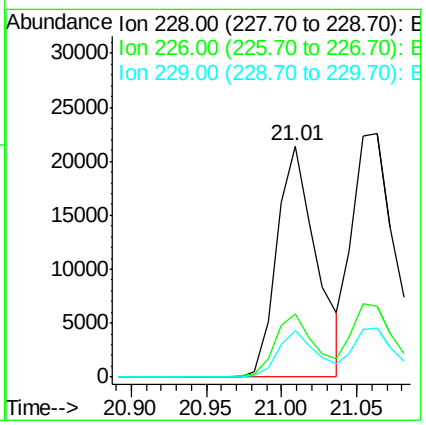


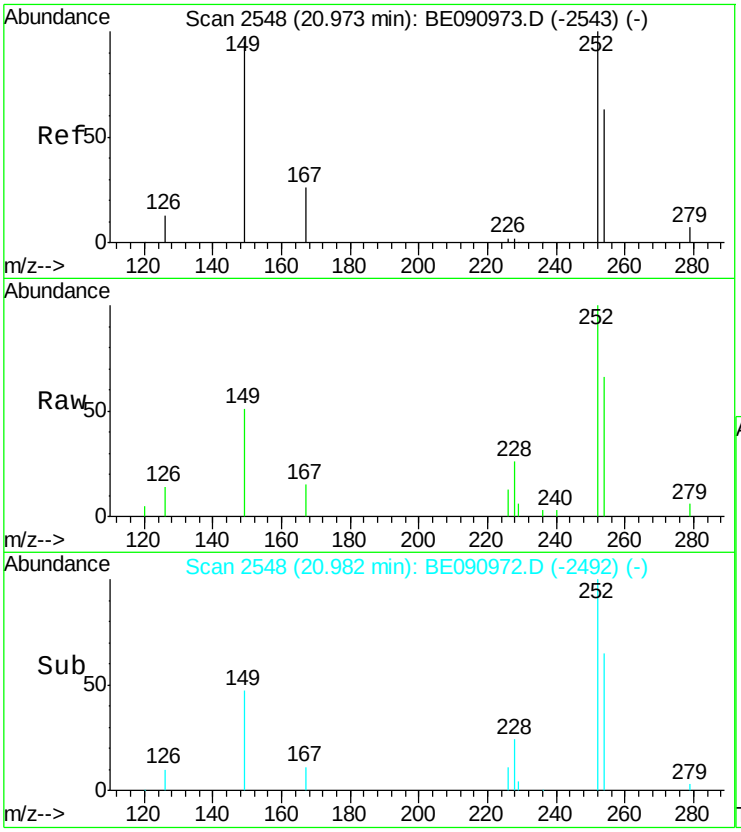


#30
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.01 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:228 Resp: 38667

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.0	31.4
229	19.8	15.7	23.5



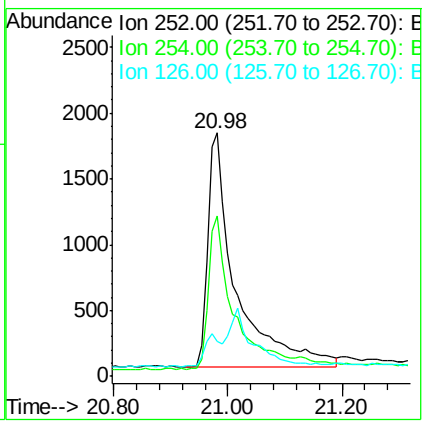


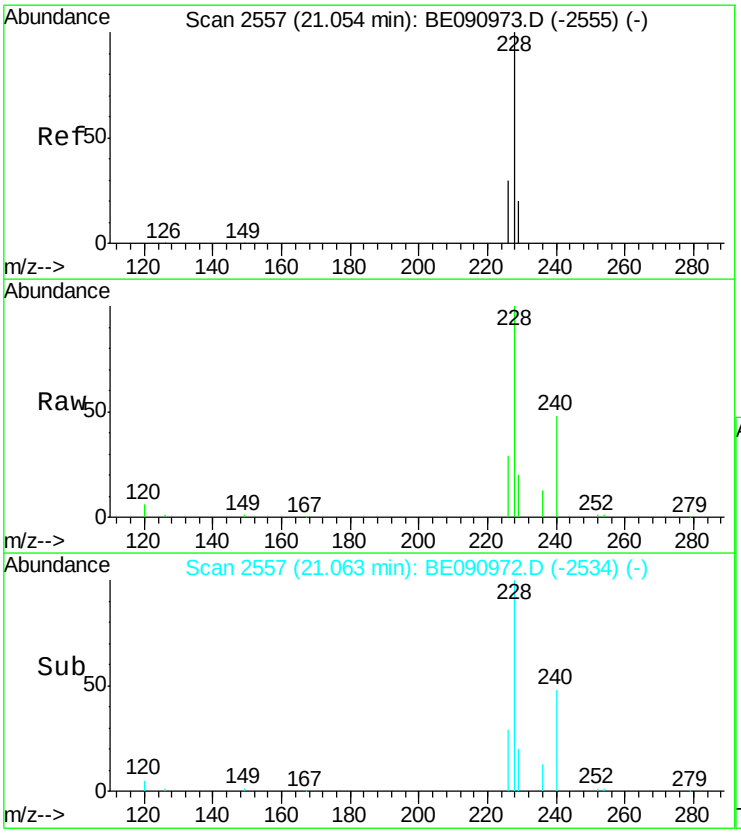
#31
3,3'-Dichlorobenzidine
Concen: 0.39 ng
RT: 20.98 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 5969

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.1	76.7
126	14.2	12.6	18.8

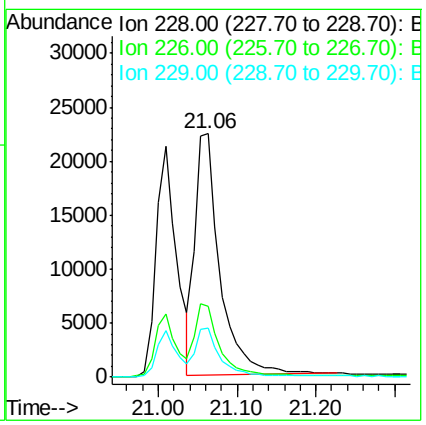


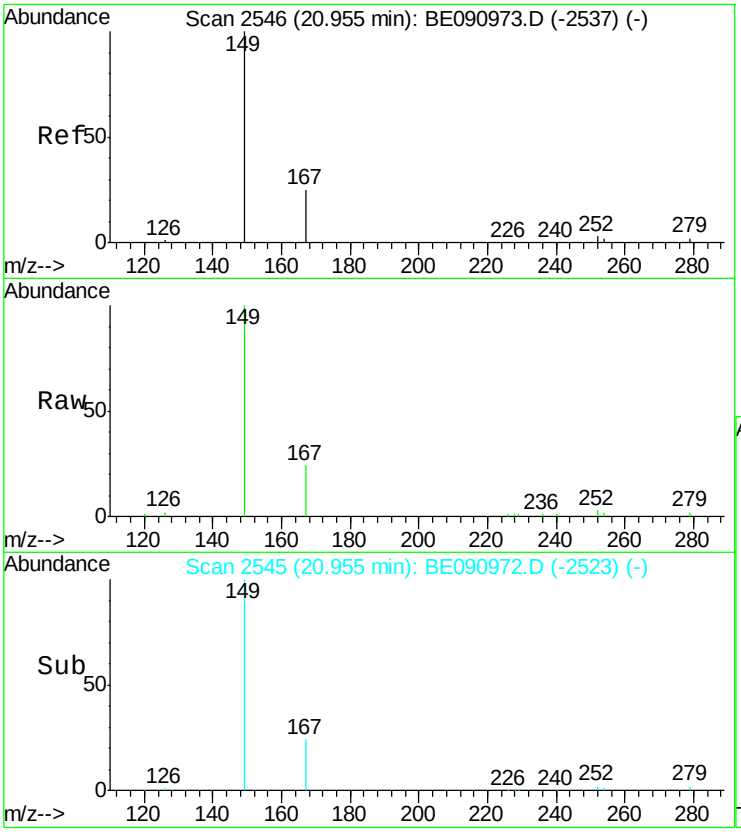


#32
Chrysene
Concen: 0.38 ng
RT: 21.06 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:228 Resp: 49135

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	19.9	15.9	23.9



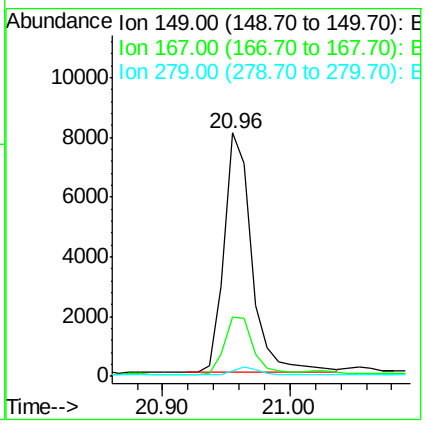


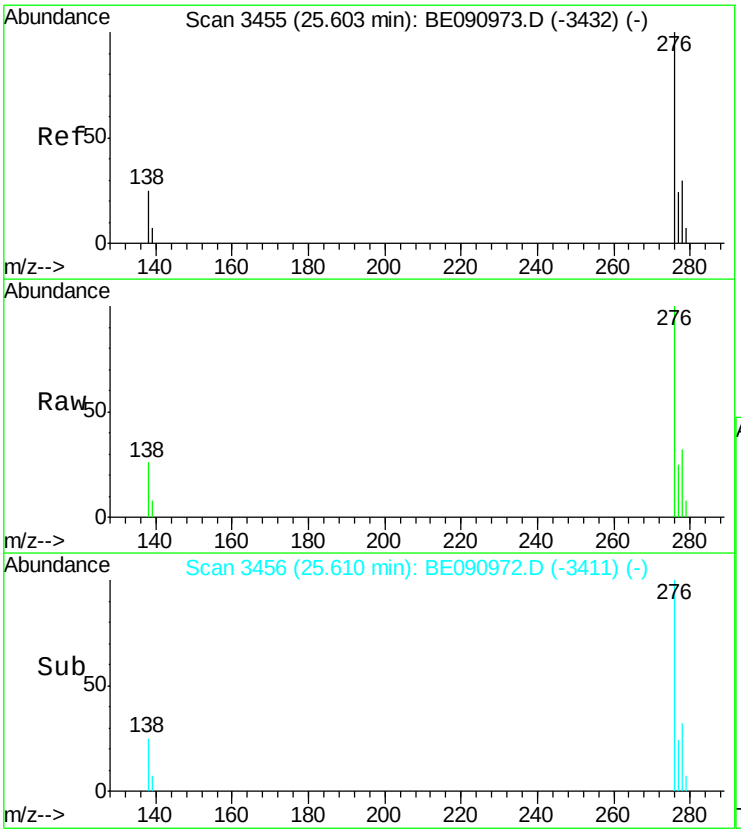
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 20.96 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 12164

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.5	29.3
279	3.0	2.3	3.5

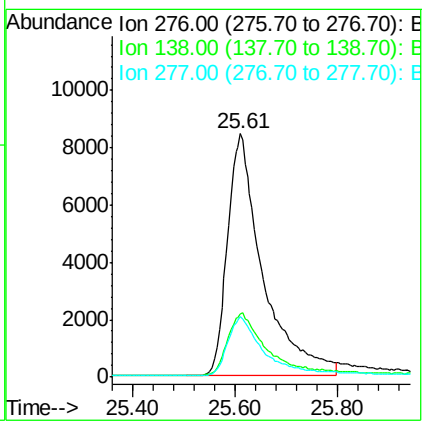


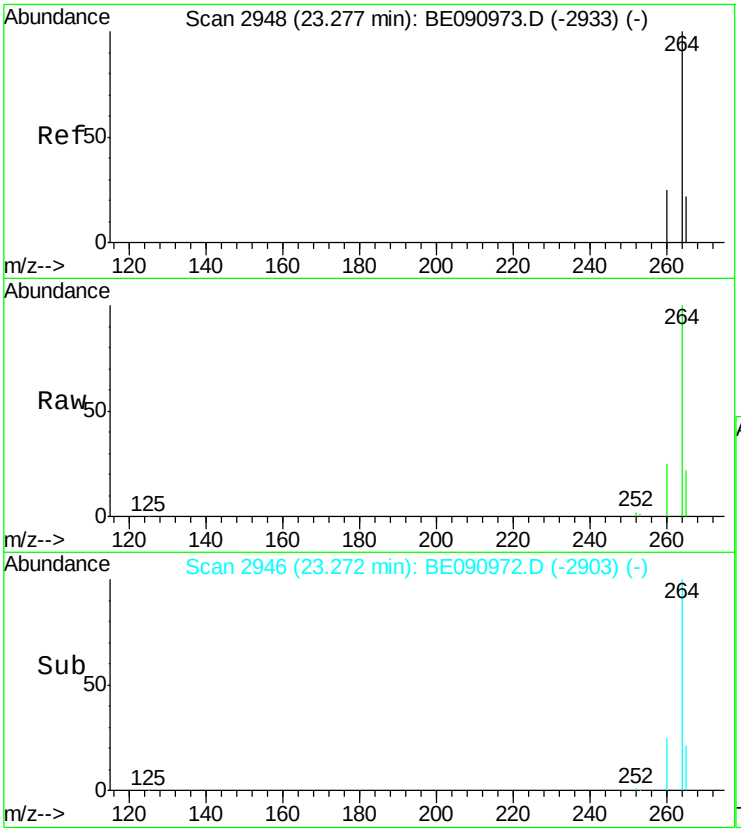


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.61 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:276 Resp: 40545

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.4	35.2
277	24.8	19.8	29.8



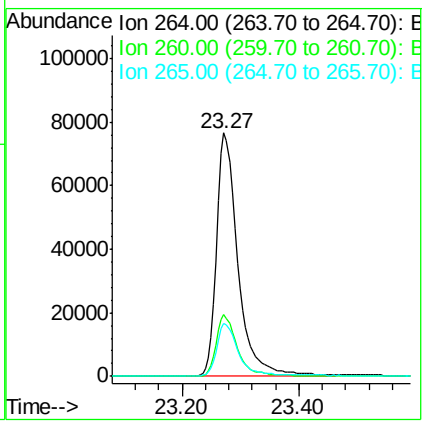


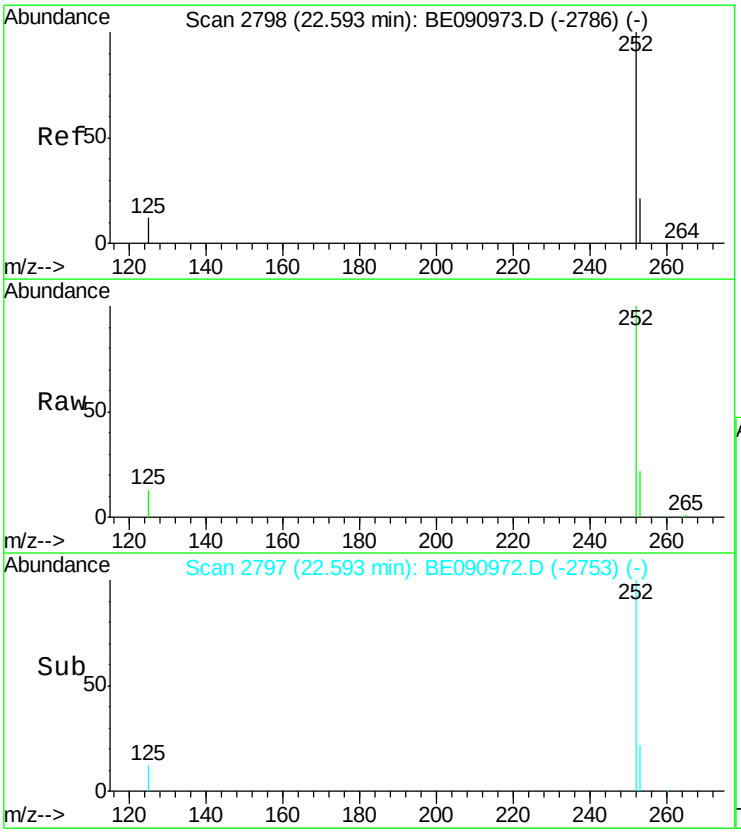
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.27 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 193050

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	21.6	17.5	26.3

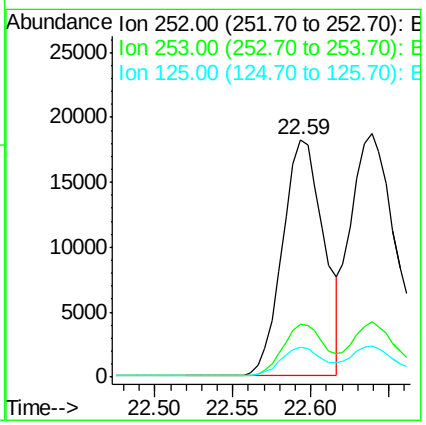


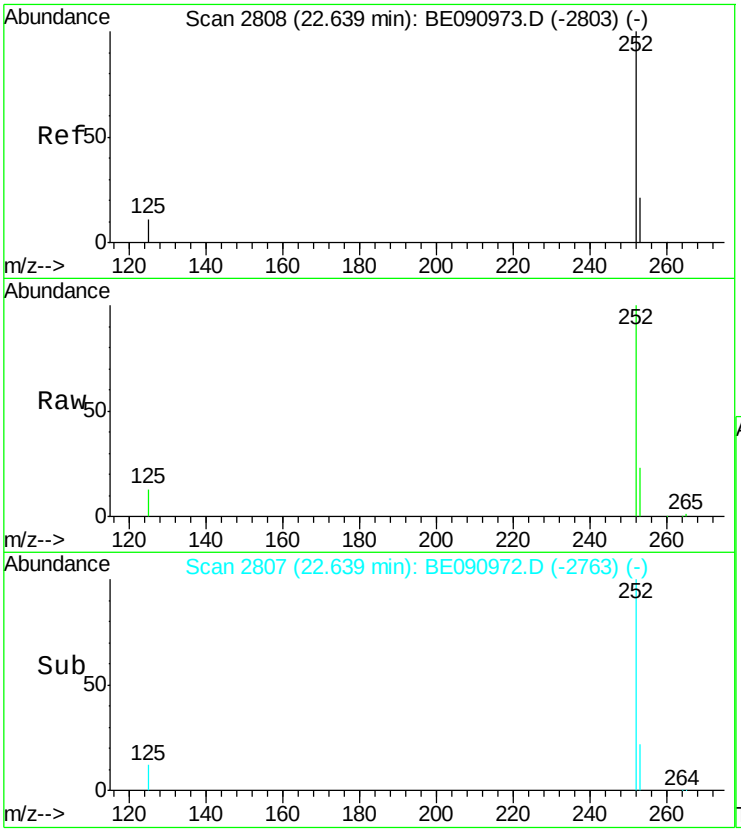


#36
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.59 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:252 Resp: 33394

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.6	10.2	15.2



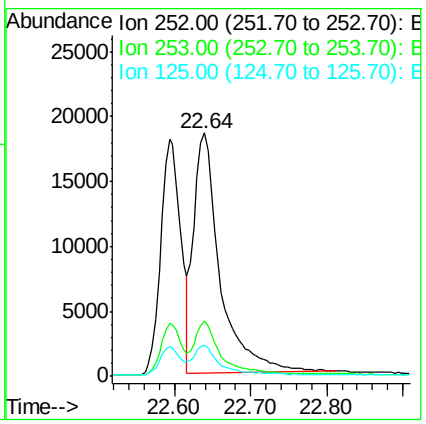


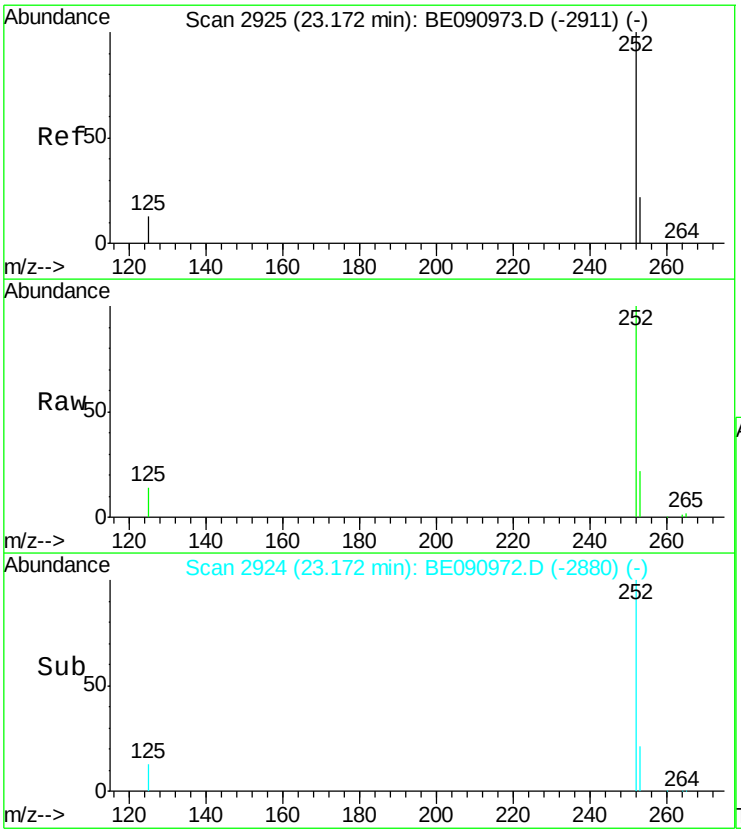
#37
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 22.64 min Scan# 2807
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 44587

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	12.7	9.9	14.9

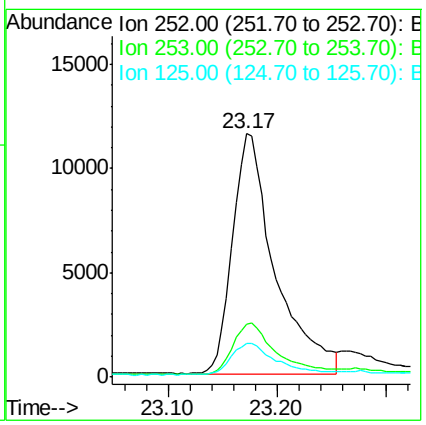


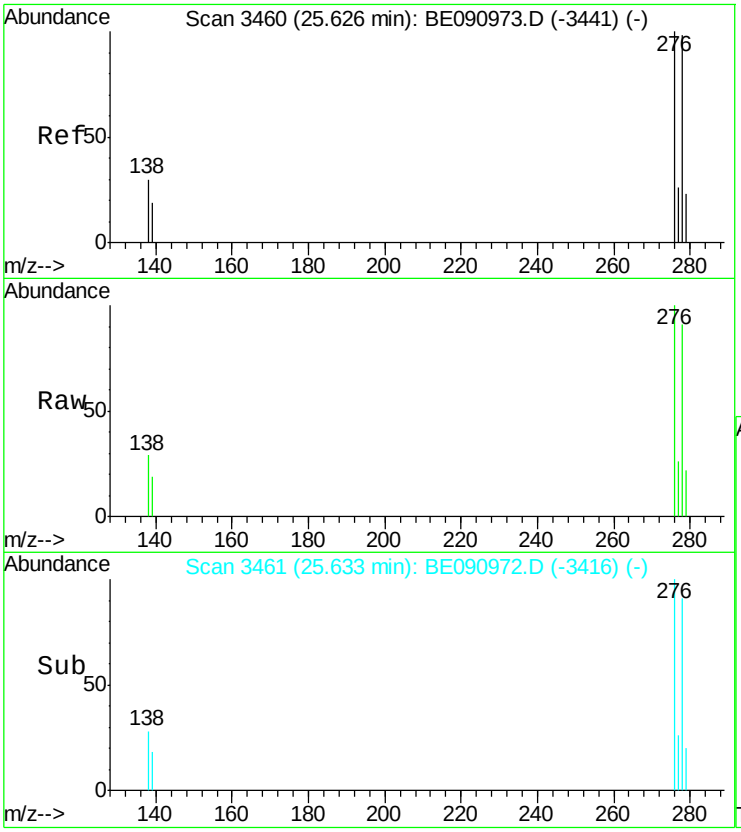


#38
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.17 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:252 Resp: 30972

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.7	11.0	16.4



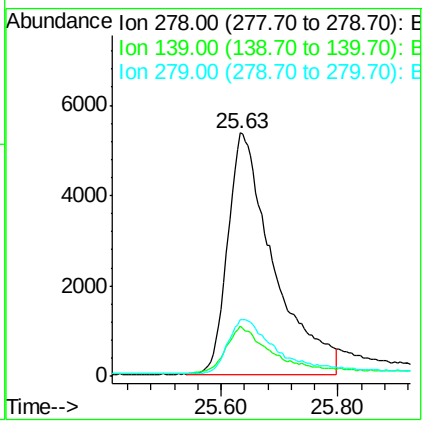


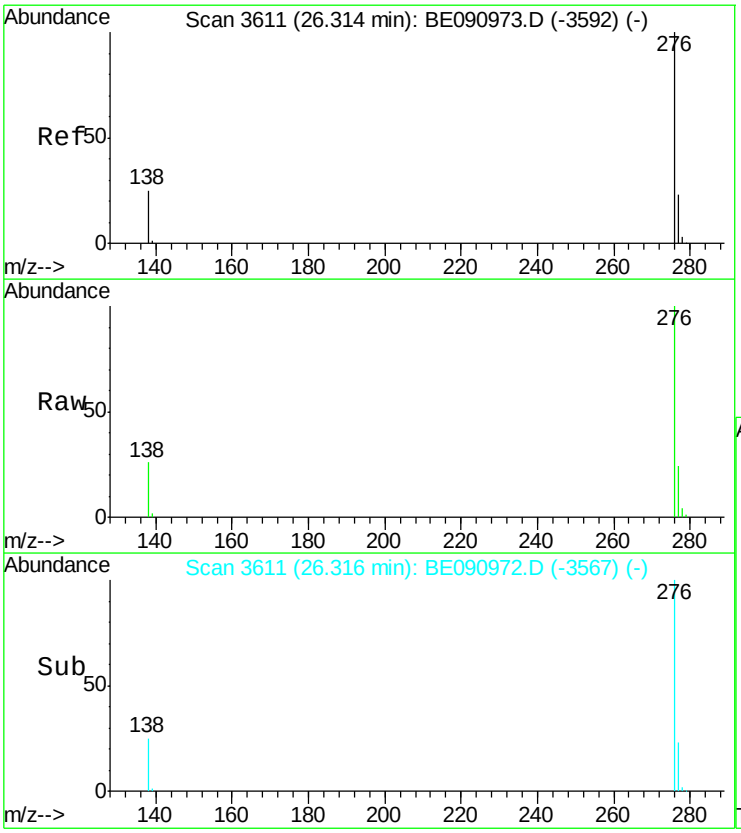
#39
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 25.63 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 28885

Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.0	24.0
279	23.5	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 26.32 min Scan# 3611
Delta R.T. 0.00 min
Lab File: BE090972.D
Acq: 28 Sep 2015 18:19

Tgt Ion:276 Resp: 33964

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	25.6	20.4	30.6