Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090970.D
Acq On : 28 Sep 2015 17:08
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 29 05:36:59 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	7.49	152	29331	5.00	ng		0.00
7) Naphthalene-d8	10.26	136	126088	5.00	ng		0.01
13) Acenaphthene-d10	14.12	164	76980	5.00	ng		0.01
19) Phenanthrene-d10	16.86	188	181789	5.00	ng		0.00
26) Chrysene-d12	21.03	240	246879	5.00	ng		0.00
35) Perylene-d12	23.27	264	236917	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1634	0.15	ng		0.00
5) Phenol-d6	6.80	99	1269	0.08	ng		0.08
8) Nitrobenzene-d5	8.74	82	642	0.04	ng		0.08
14) 2,4,6-Tribromophenol	15.66	330	566	0.12	ng		0.02
15) 2-Fluorobiphenyl	12.79	172	4924	0.10	ng		0.05
29) Terphenyl-d14	19.51	244	8361	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	1825	0.17	ng	#	84
3) n-Nitrosodimethylamine	3.39	42	1447	0.13	ng		88
6) bis(2-Chloroethyl)ether	6.94	93	678	0.04	ng	#	28
10) Naphthalene	10.32	128	7397	0.11	ng	#	94
11) Hexachlorobutadiene	10.60	225	1259	0.11	ng		96
12) 2-Methylnaphthalene	11.98	142	4228	0.11	ng		96
16) Acenaphthylene	13.84	152	32788	0.11	ng		99
17) Acenaphthene	14.19	154	5495	0.11	ng		95
18) Fluorene	15.20	166	6420	0.11	ng		99
20) 4-Bromophenyl-phenylether	16.09	248	1653	0.10	ng		75
21) Hexachlorobenzene	16.18	284	9657	0.11	ng		98
22) Pentachlorophenol	16.63	266	220	0.05	ng		93
23) Phenanthrene	16.91	178	11405	0.11	ng		98
24) Anthracene	17.03	178	7493	0.09	ng		97
25) Fluoranthene	18.94	202	14622	0.13	ng		100
27) Benzidine	19.22	184	276	0.03	ng	#	42
28) Pyrene	19.29	202	15249	0.12	ng		100
30) Benzo(a)anthracene	21.01	228	13711	0.10	ng		98
31) 3,3'-Dichlorobenzidine	20.99	252	2489	0.14	ng	#	94
32) Chrysene	21.06	228	20044	0.13	ng		98
33) Bis(2-ethylhexyl)phthalate	20.96	149	5745	0.15	ng		99
34) Indeno(1,2,3-cd)pyrene	25.64	276	13768	0.11	ng		97
36) Benzo(b)fluoranthene	22.60	252	11471	0.10	ng		98
37) Benzo(k)fluoranthene	22.64	252	16754	0.11	ng		97
38) Benzo(a)pyrene	23.17	252	11249	0.11	ng		98
39) Dibenzo(a,h)anthracene	25.66	278	9433	0.09	ng		96
40) Benzo(g,h,i)perylene	26.33	276	12453	0.11	ng		97

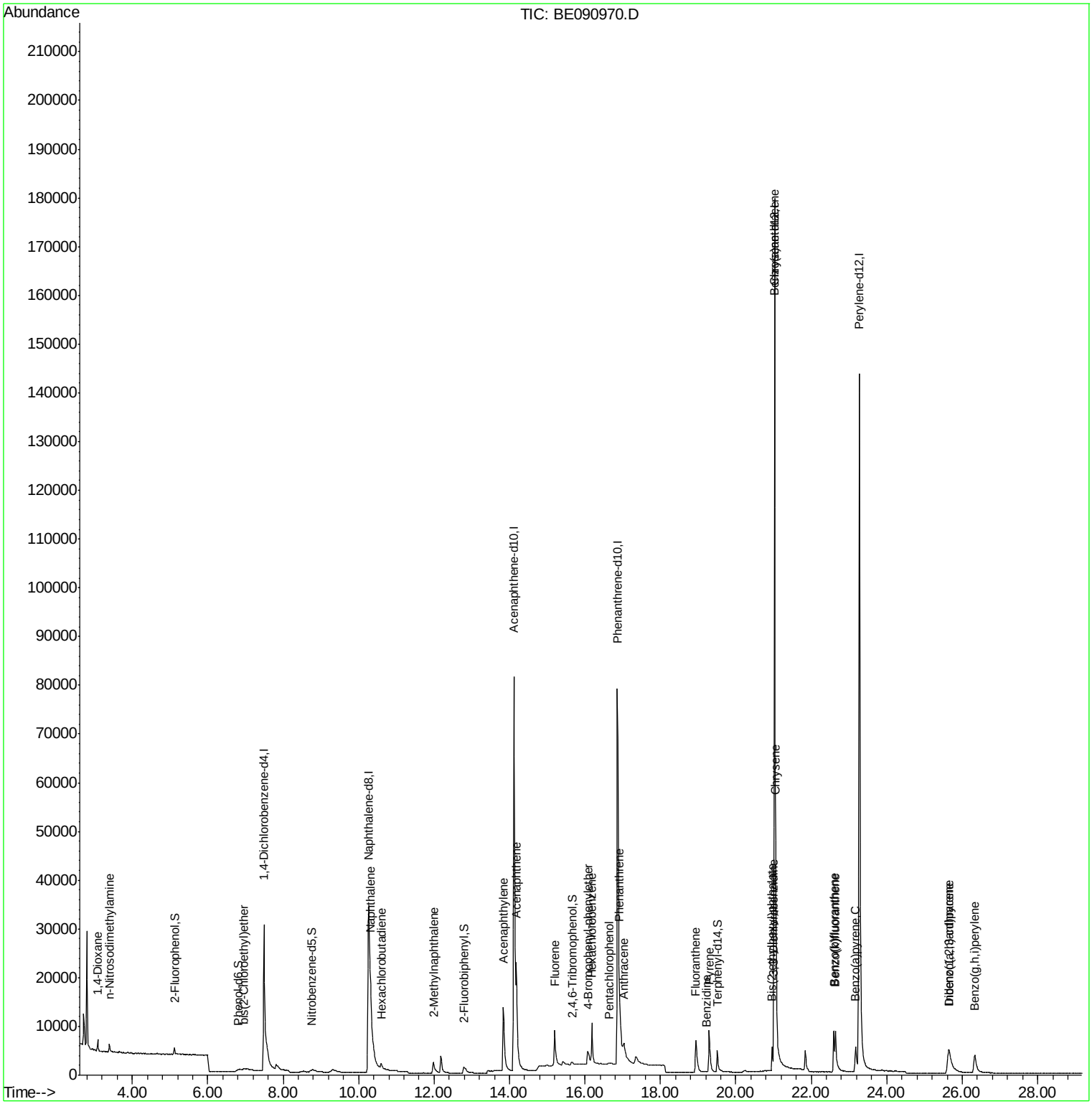
(#) = qualifier out of range (m) = manual integration (+) = signals summed

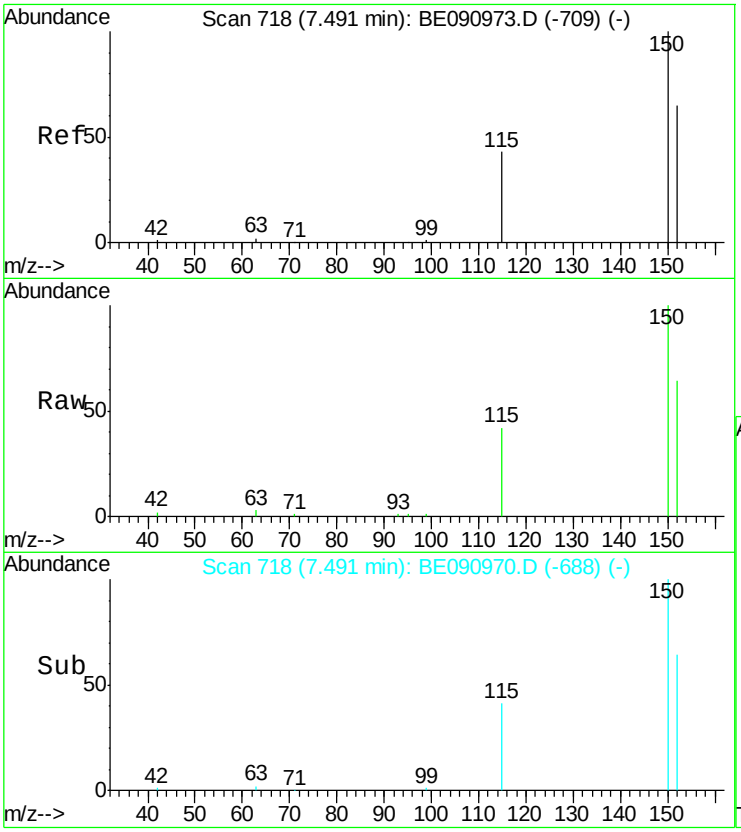
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090970.D
Acq On : 28 Sep 2015 17:08
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 29 05:36:59 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



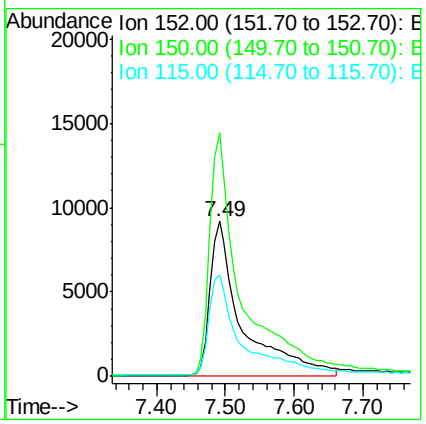


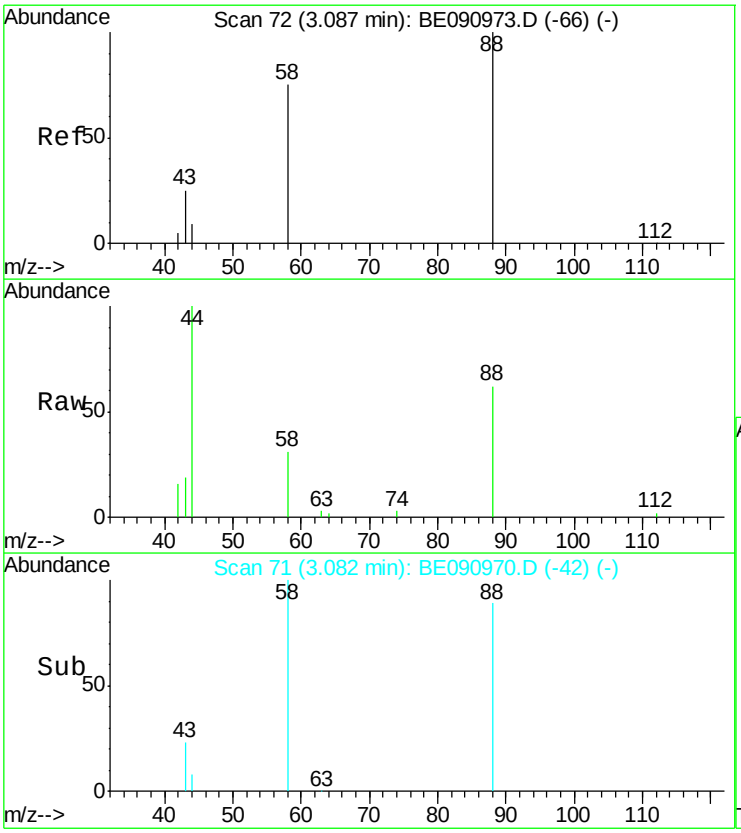
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 29331

Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.6	183.8
115	65.5	52.8	79.2

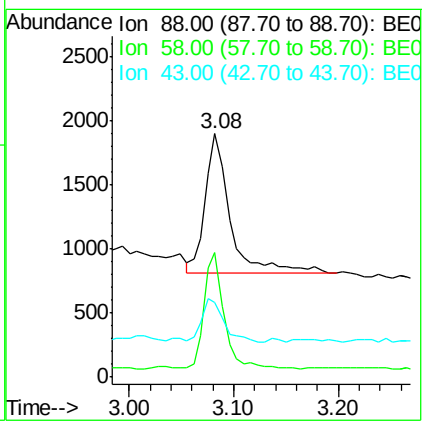


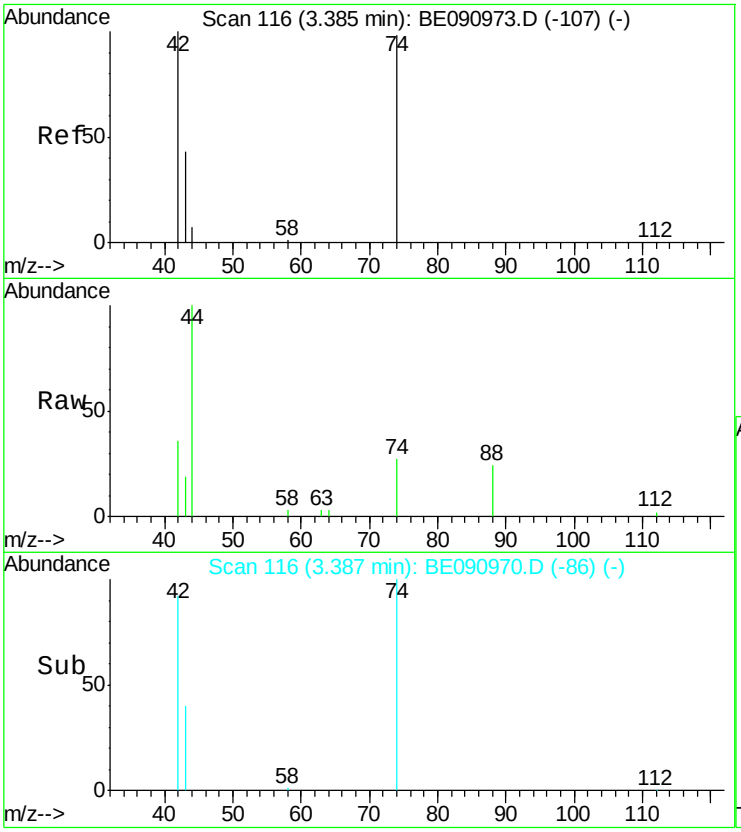


#2
1,4-Dioxane
Concen: 0.17 ng
RT: 3.08 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion: 88 Resp: 1825

Ion	Ratio	Lower	Upper
88	100		
58	65.5	65.8	98.6#
43	27.3	25.3	37.9



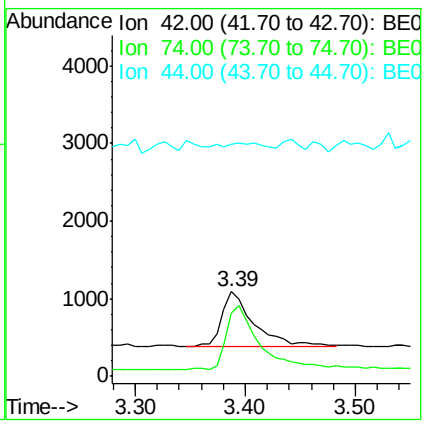


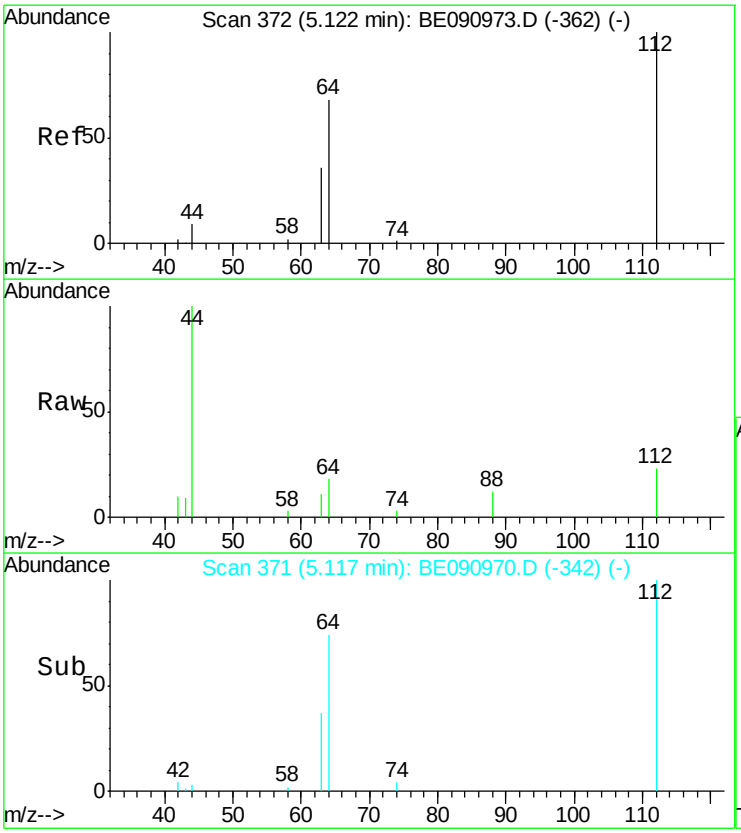
#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.39 min Scan# 116
Delta R.T. 0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1447

Ion	Ratio	Lower	Upper
42	100		
74	123.3	87.9	131.9
44	7.0	6.6	9.8

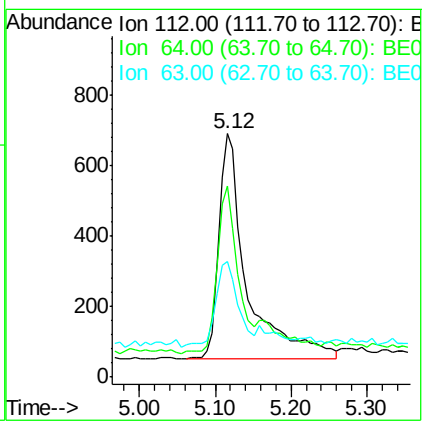


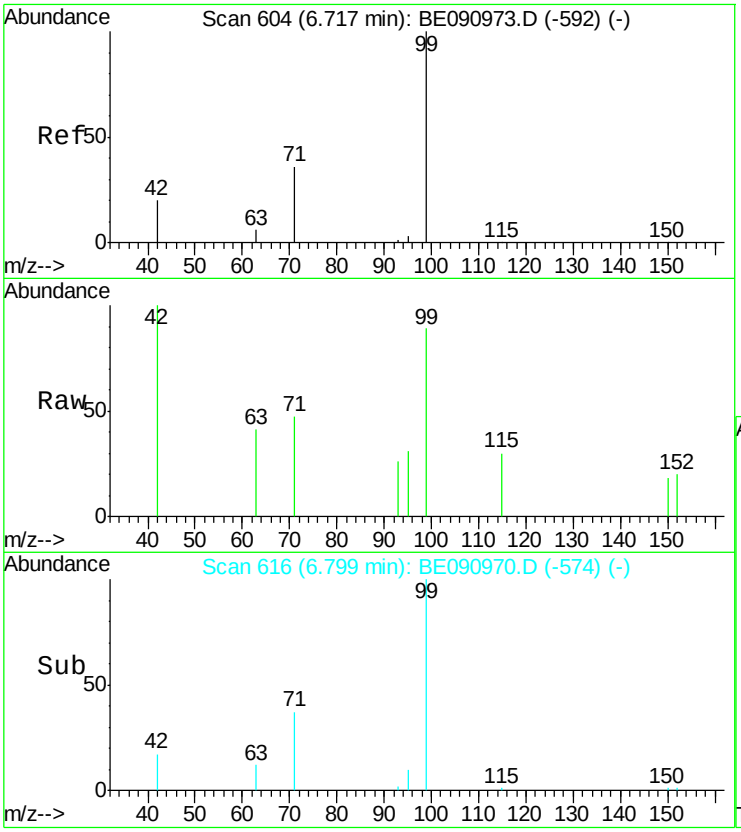


#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.12 min Scan# 371
Delta R.T. -0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:112 Resp: 1634

Ion	Ratio	Lower	Upper
112	100		
64	54.2	30.9	46.3#
63	28.8	16.7	25.1#



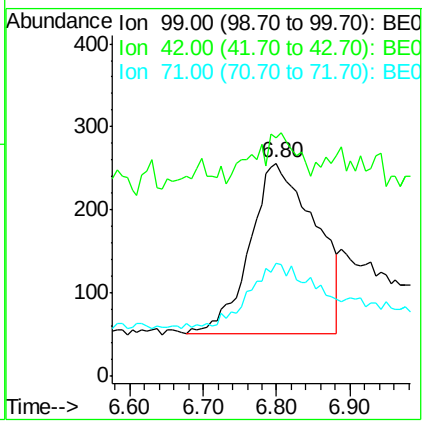


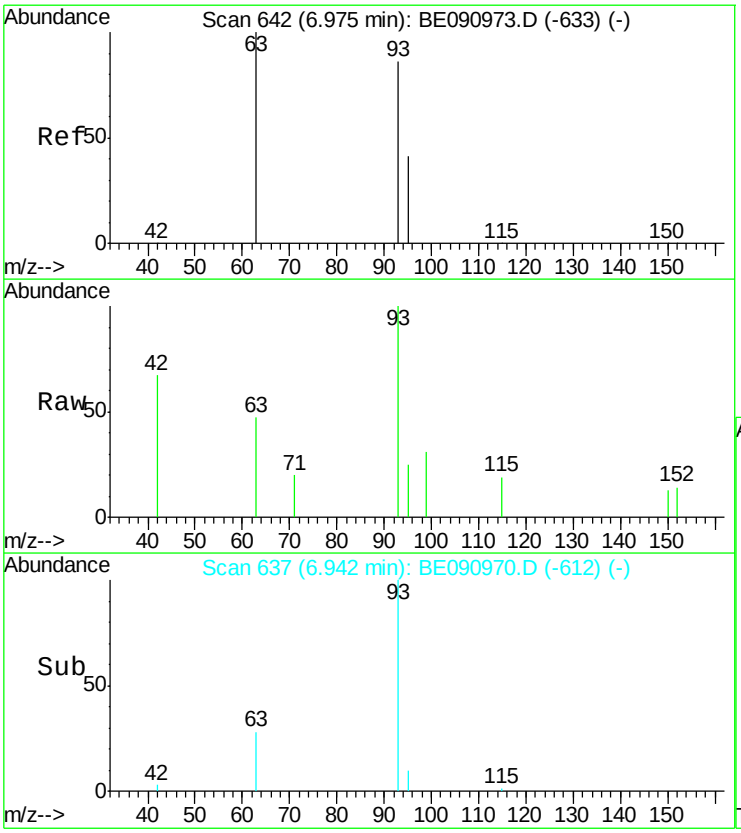
#5
Phenol-d6
Concen: 0.08 ng
RT: 6.80 min Scan# 616
Delta R.T. 0.08 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1269

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.2	24.2
71	38.0	29.0	43.4

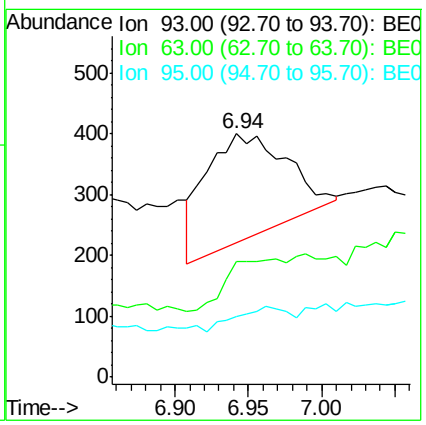


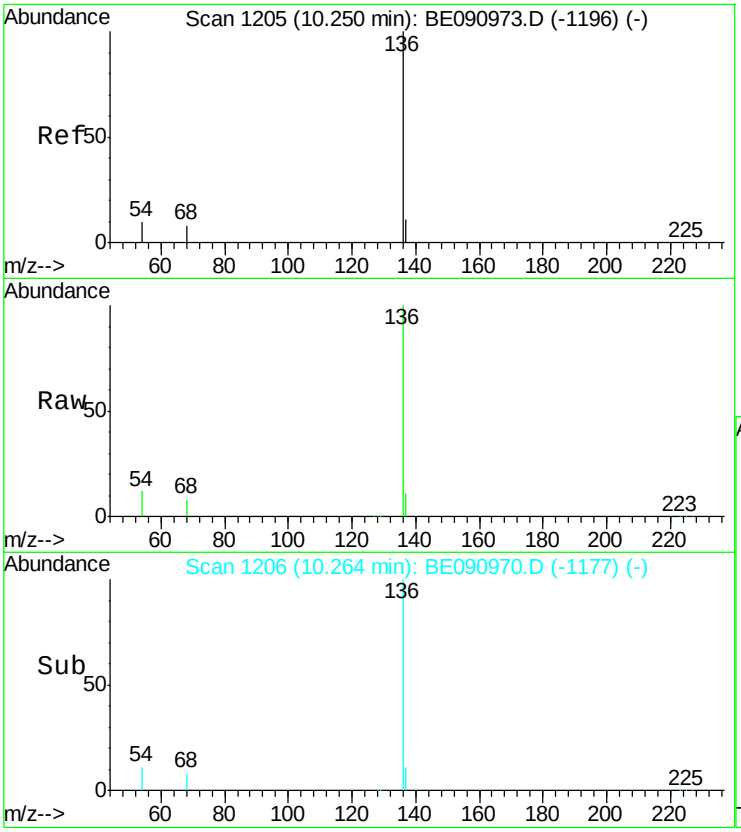


#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 6.94 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion: 93 Resp: 678

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



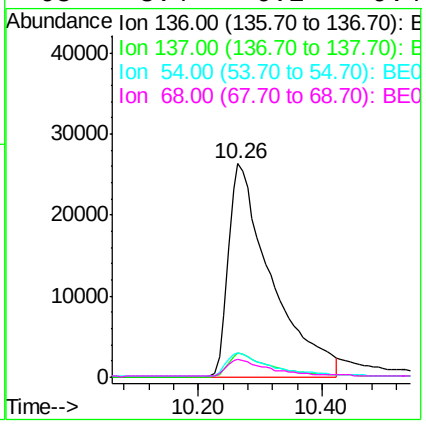


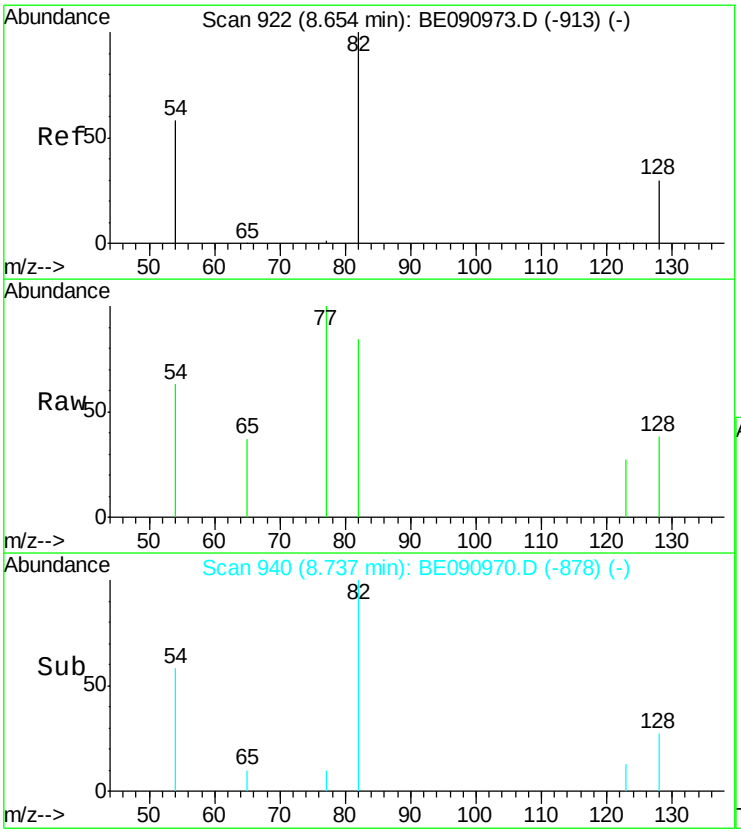
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 126088

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.5	8.2	12.4
68	8.4	6.2	9.4

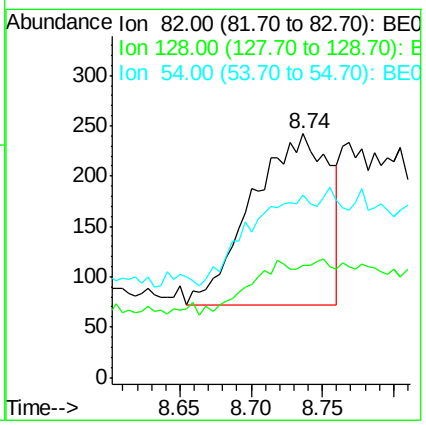


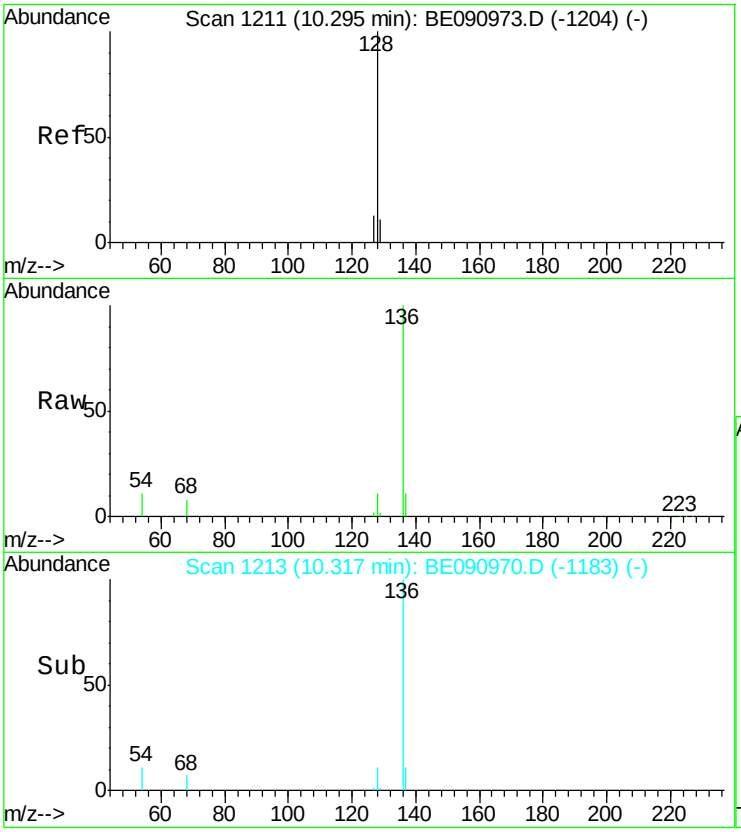


#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 8.74 min Scan# 940
Delta R.T. 0.08 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion: 82 Resp: 642

Ion	Ratio	Lower	Upper
82	100		
128	45.9	25.4	38.0#
54	74.8	48.4	72.6#



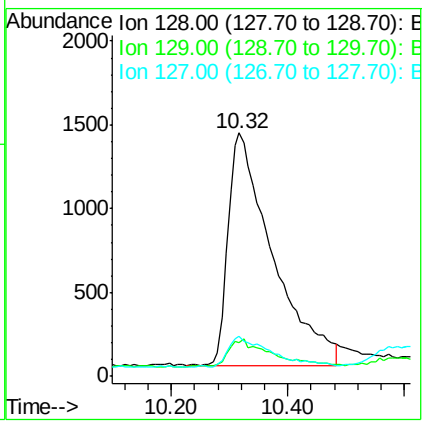


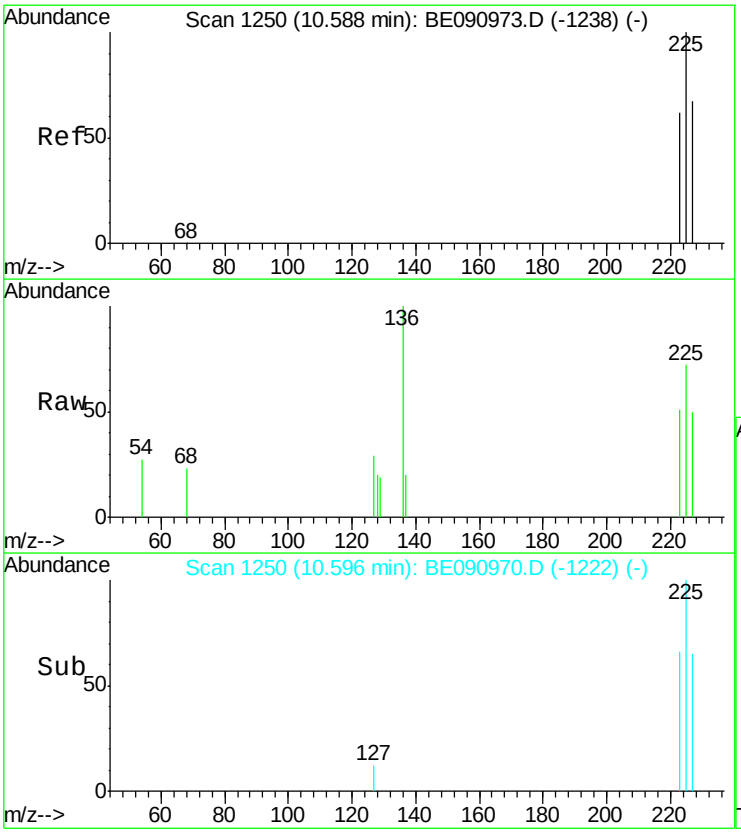
#10
Naphthalene
Concen: 0.11 ng
RT: 10.32 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7397

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.3	13.9
127	16.2	10.7	16.1#

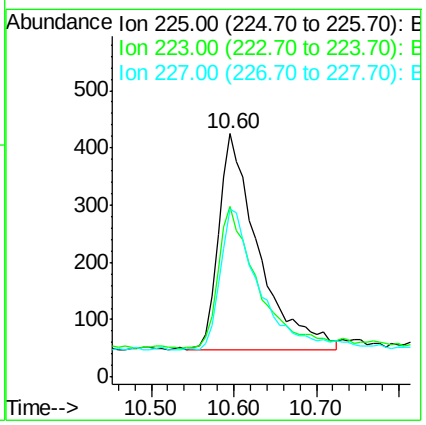


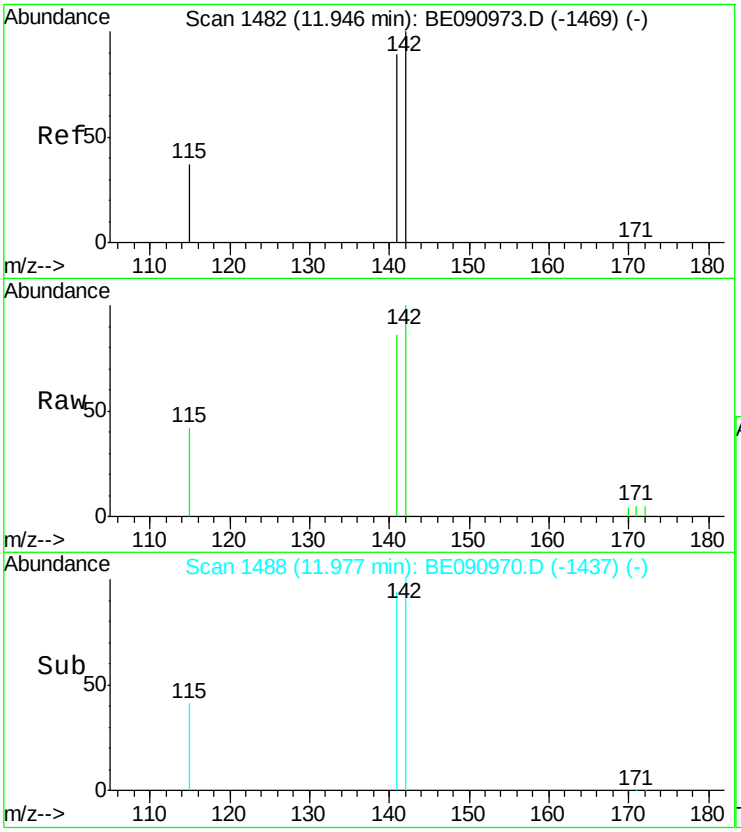


#11
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.60 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:225 Resp: 1259

Ion	Ratio	Lower	Upper
225	100		
223	65.8	49.0	73.6
227	65.0	50.3	75.5



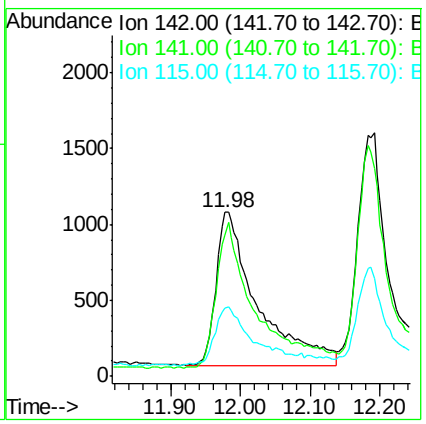


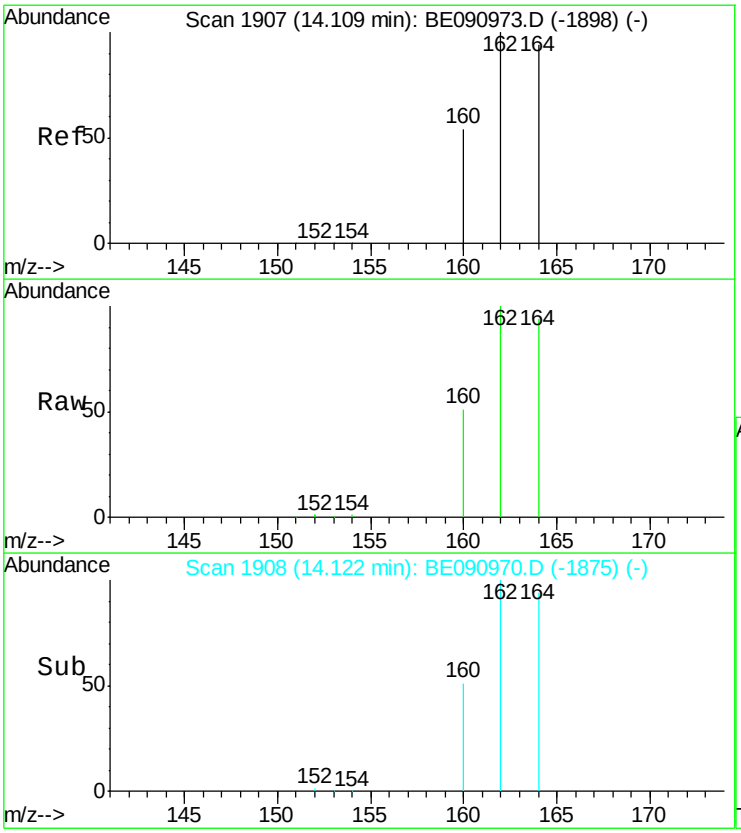
#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 11.98 min Scan# 1488
Delta R.T. 0.03 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 4228

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.4	107.0
115	41.6	30.3	45.5

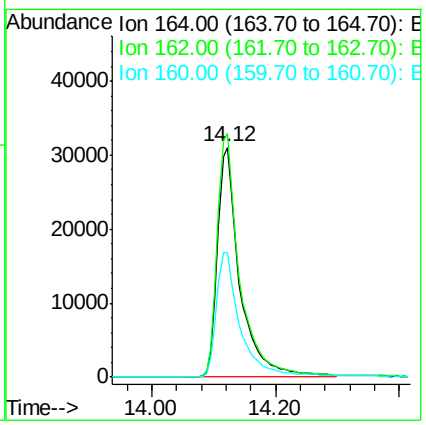


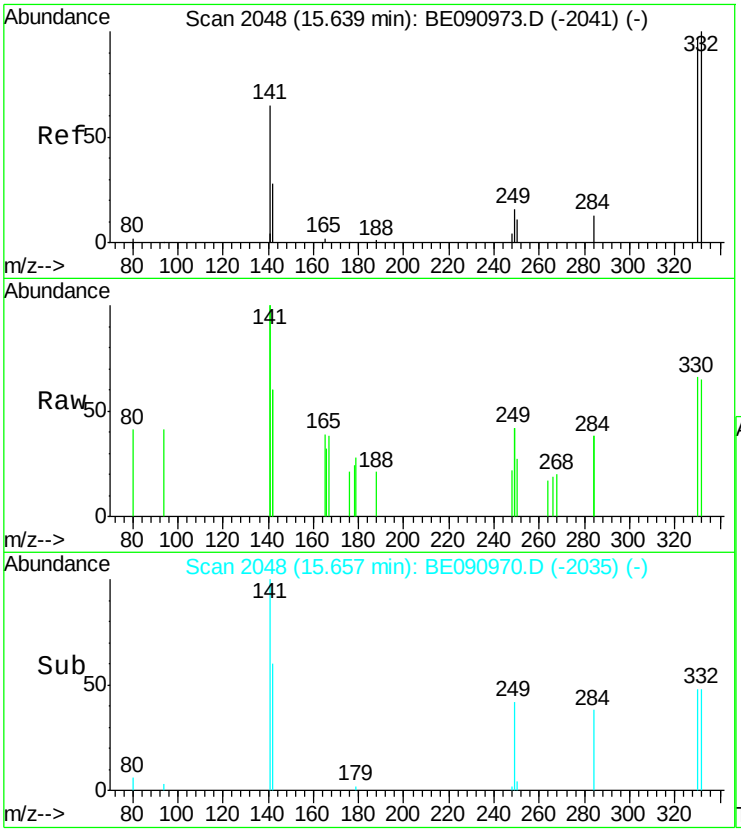


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:164 Resp: 76980

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.3	127.9
160	54.1	46.2	69.2



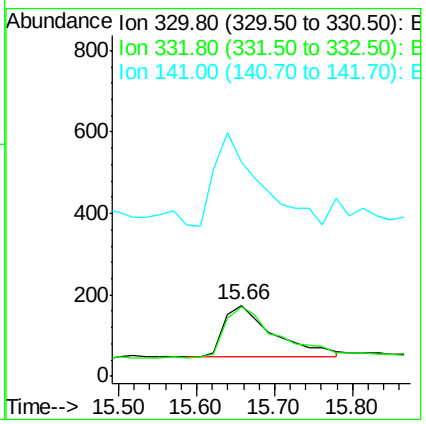


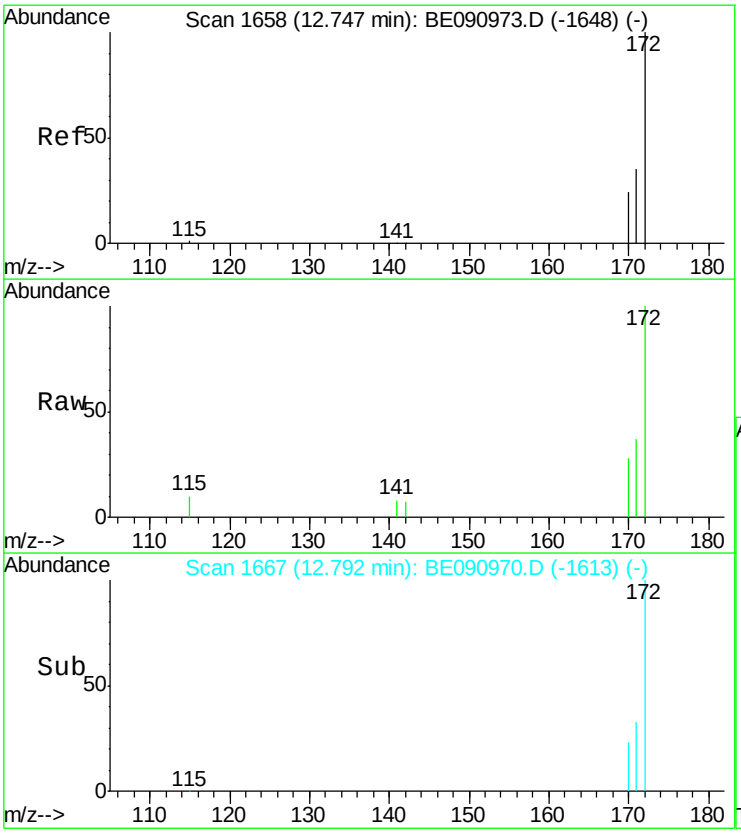
#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.66 min Scan# 2048
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 566

Ion	Ratio	Lower	Upper
330	100		
332	101.6	79.1	118.7
141	163.1	125.4	188.0

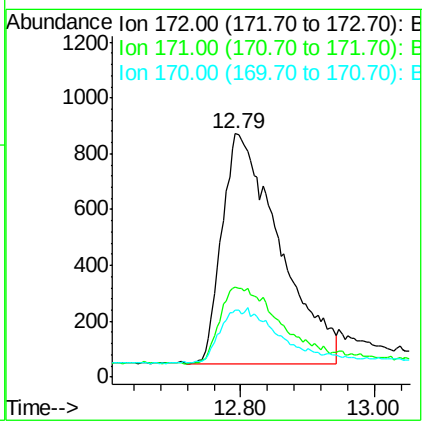


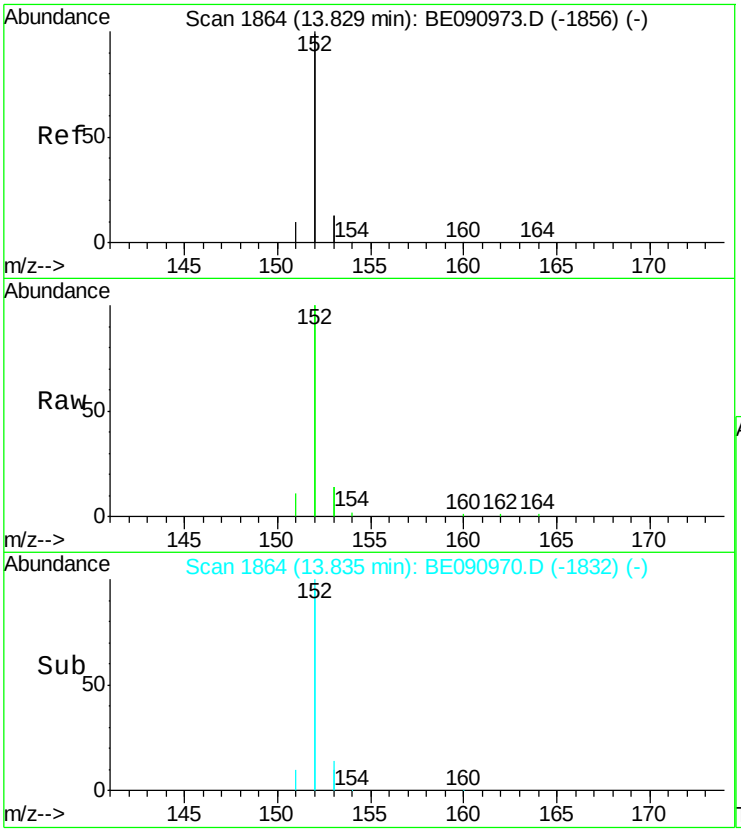


#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.79 min Scan# 1667
Delta R.T. 0.05 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:172 Resp: 4924

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.8	43.2
170	27.6	19.3	28.9



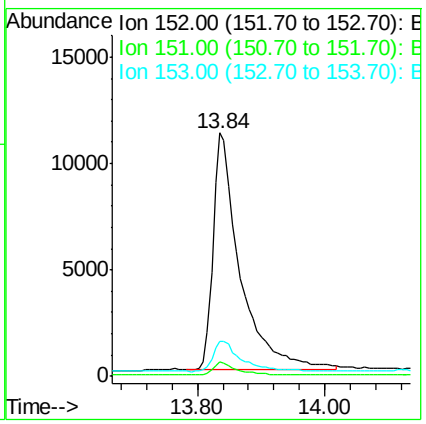


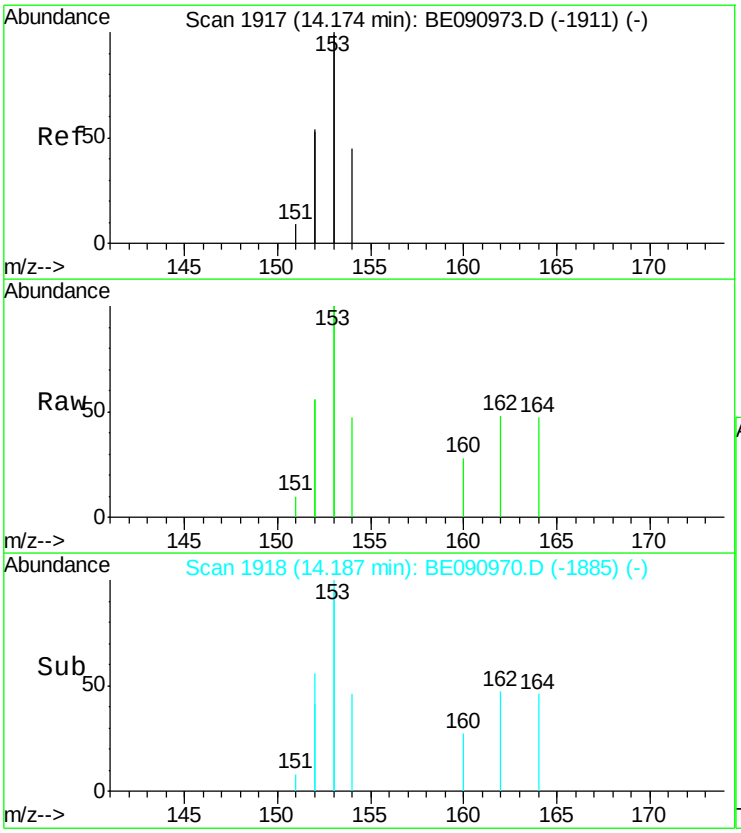
#16
Acenaphthylene
Concen: 0.11 ng
RT: 13.84 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 32788

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.9	5.9
153	13.5	10.3	15.5

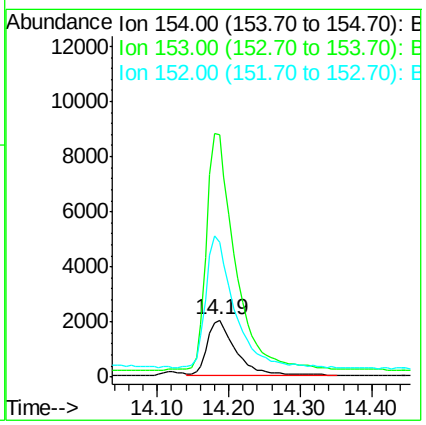


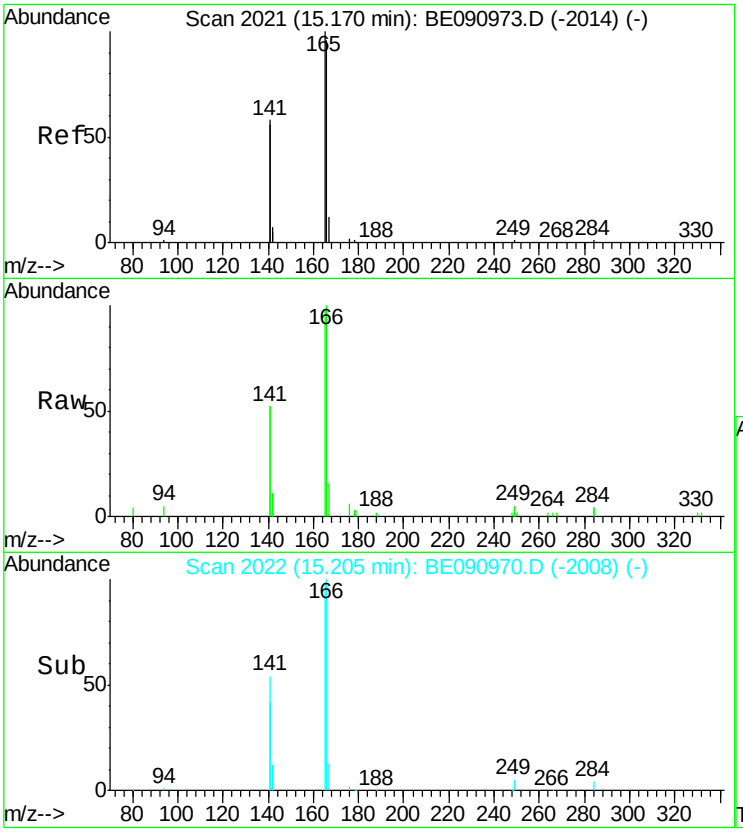


#17
Acenaphthene
Concen: 0.11 ng
RT: 14.19 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:154 Resp: 5495

Ion	Ratio	Lower	Upper
154	100		
153	427.7	352.0	528.0
152	242.2	200.0	300.0



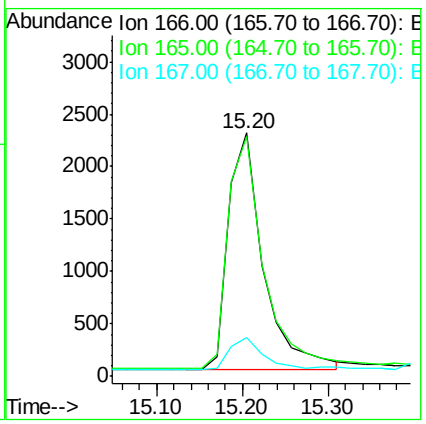


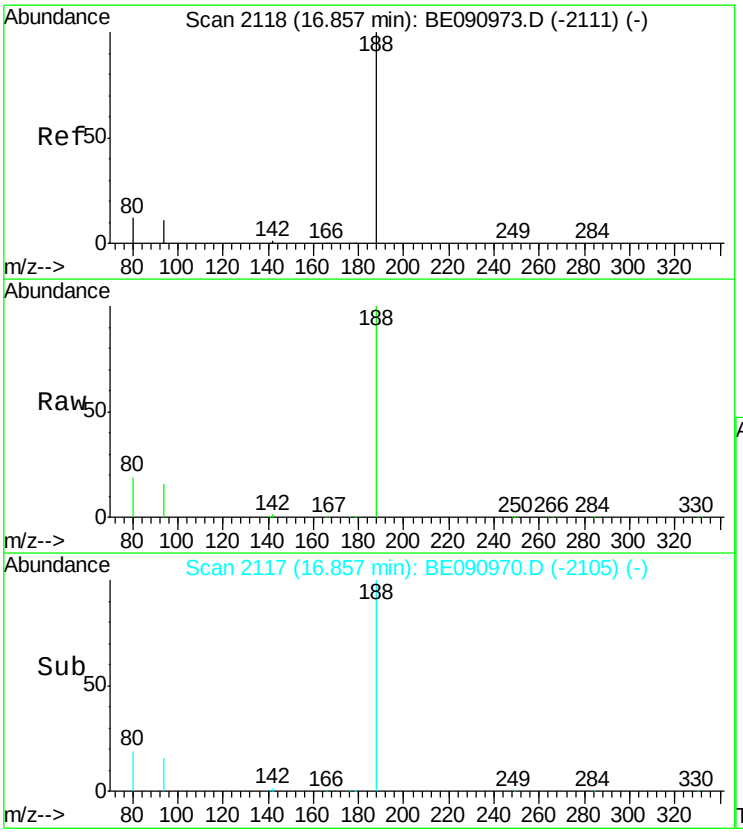
#18
Fluorene
Concen: 0.11 ng
RT: 15.20 min Scan# 2022
Delta R.T. 0.03 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 6420

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.8	121.2
167	13.6	10.9	16.3

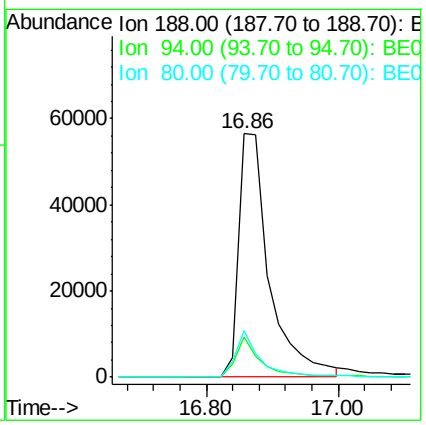


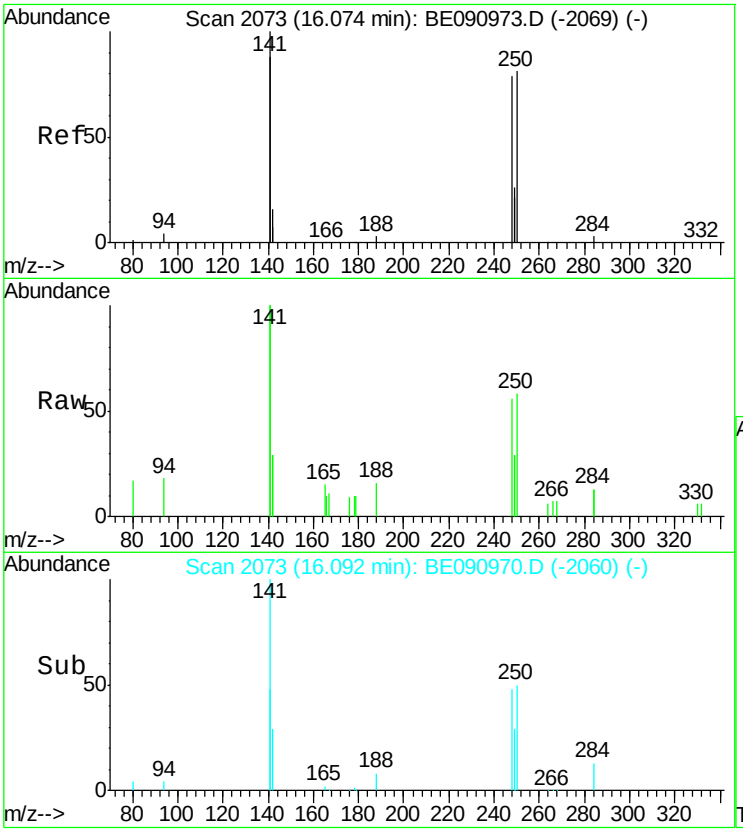


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.86 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:188 Resp: 181789

Ion	Ratio	Lower	Upper
188	100		
94	16.5	8.7	13.1#
80	19.0	9.4	14.0#



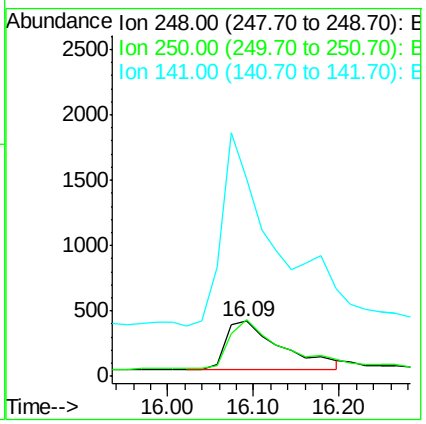


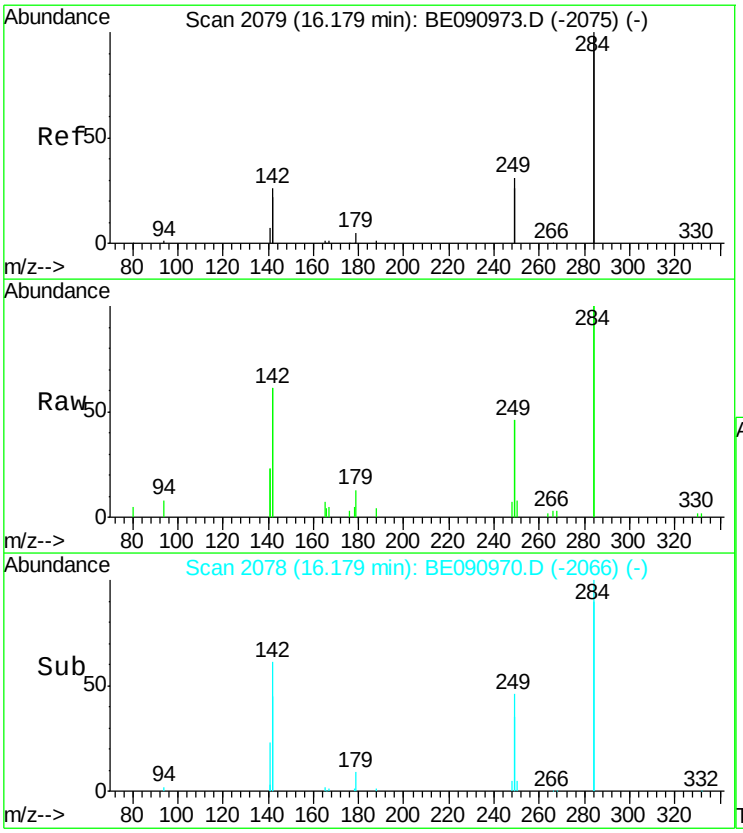
#20
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.09 min Scan# 2073
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 1653

Ion	Ratio	Lower	Upper
248	100		
250	94.7	80.5	120.7
141	390.3	261.9	392.9

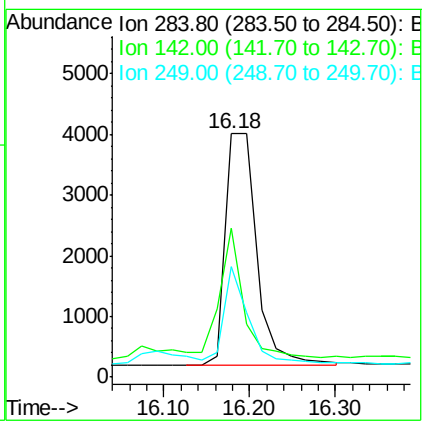


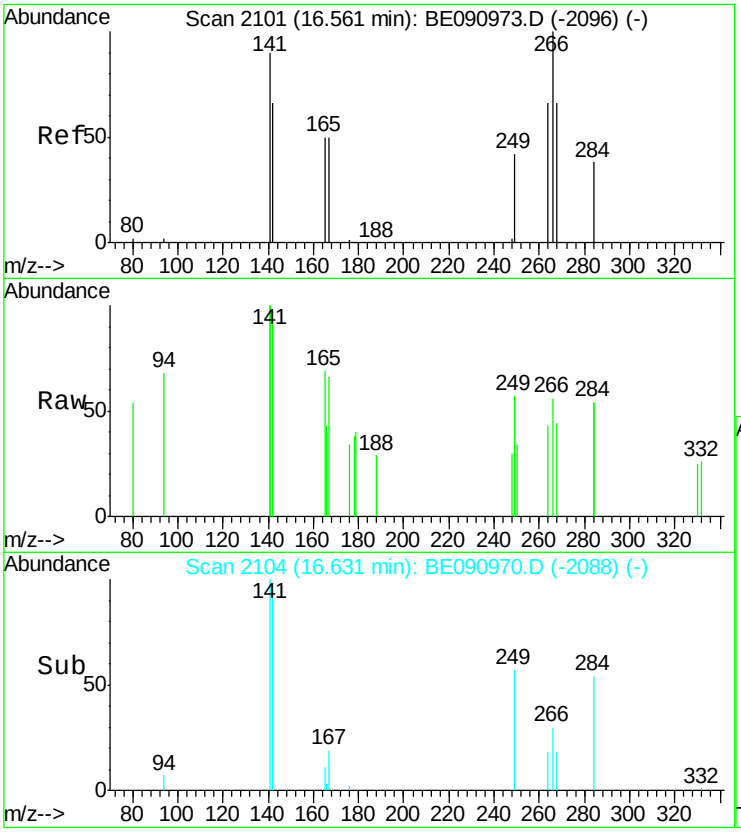


#21
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.18 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:284 Resp: 9657

Ion	Ratio	Lower	Upper
284	100		
142	42.4	32.2	48.2
249	32.4	25.4	38.2



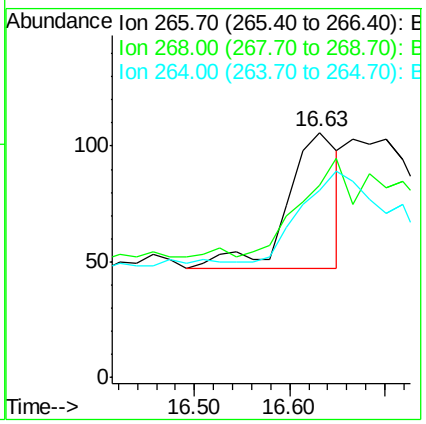


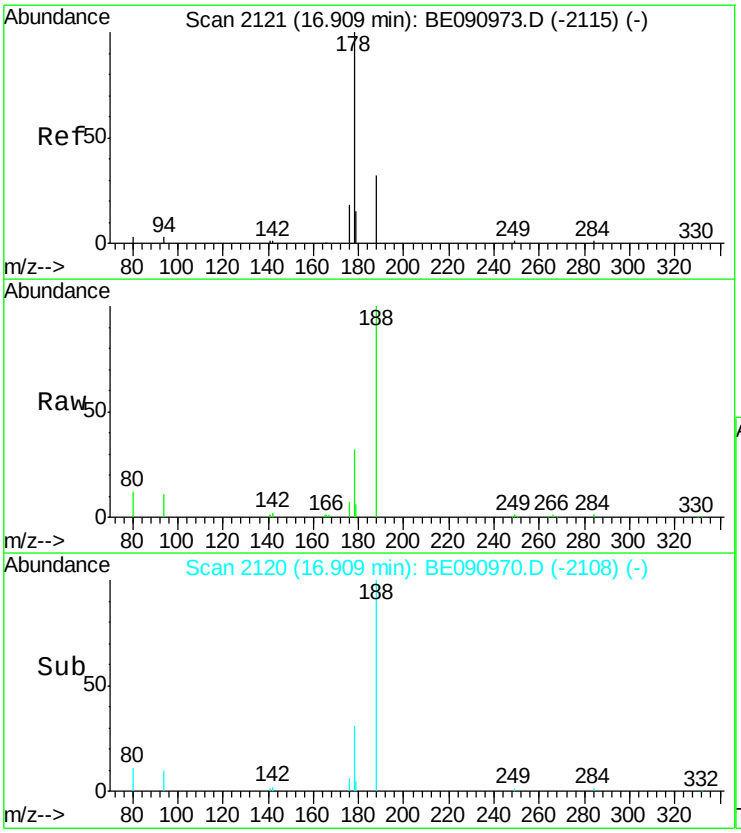
#22
Pentachlorophenol
Concen: 0.05 ng
RT: 16.63 min Scan# 2104
Delta R.T. 0.07 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 220

Ion	Ratio	Lower	Upper
266	100		
268	78.3	58.2	87.2
264	76.4	56.2	84.4

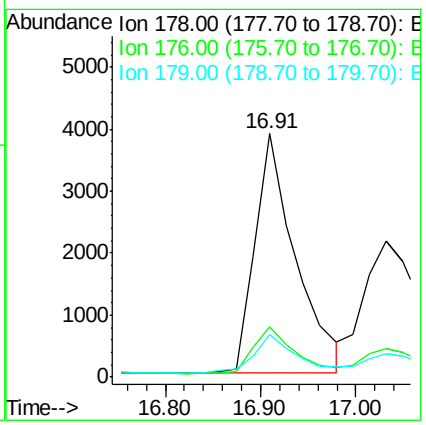


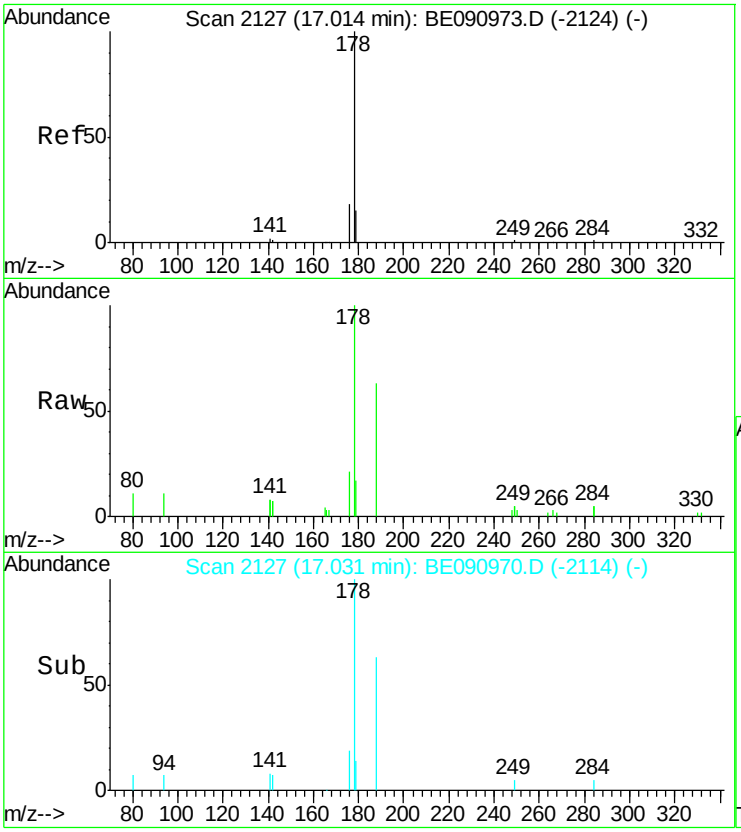


#23
Phenanthrene
Concen: 0.11 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:178 Resp: 11405

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	16.7	12.6	18.8



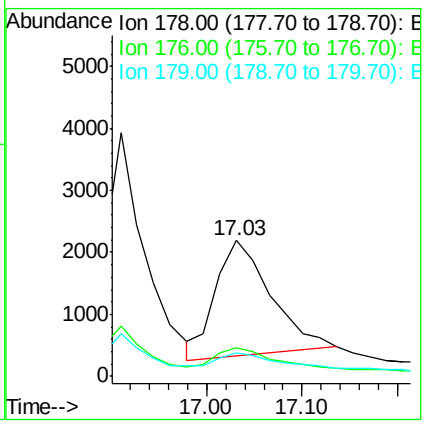


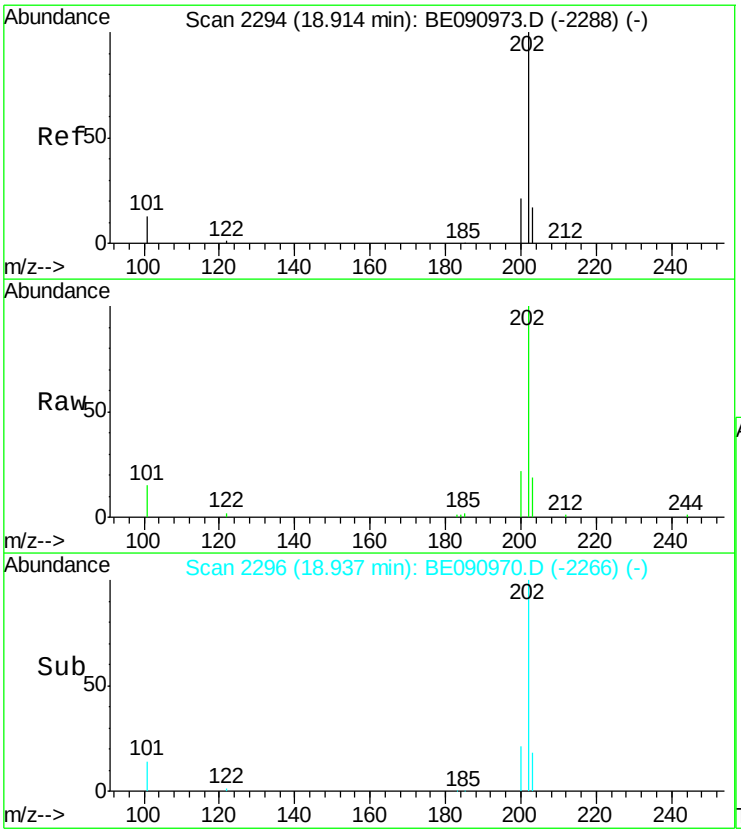
#24
Anthracene
Concen: 0.09 ng
RT: 17.03 min Scan# 2127
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 7493

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	13.5	11.8	17.6

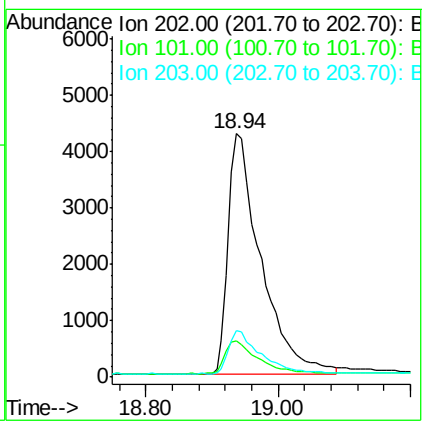


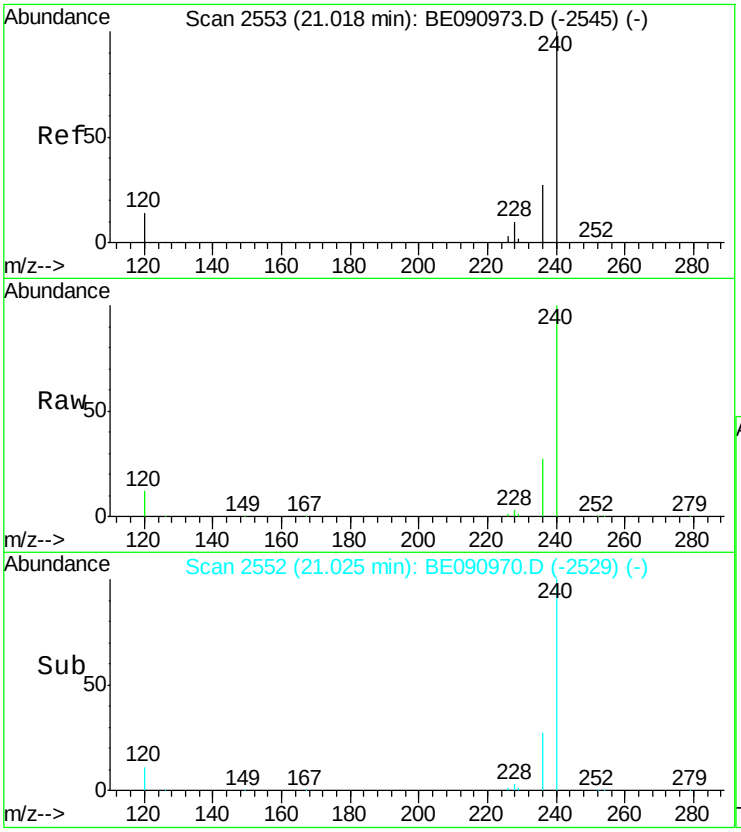


#25
Fluoranthene
Concen: 0.13 ng
RT: 18.94 min Scan# 2296
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:202 Resp: 14622

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.6
203	17.5	13.9	20.9



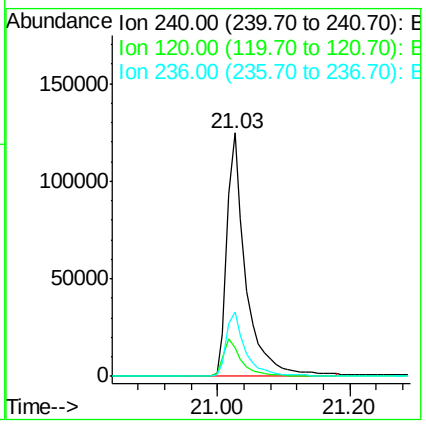


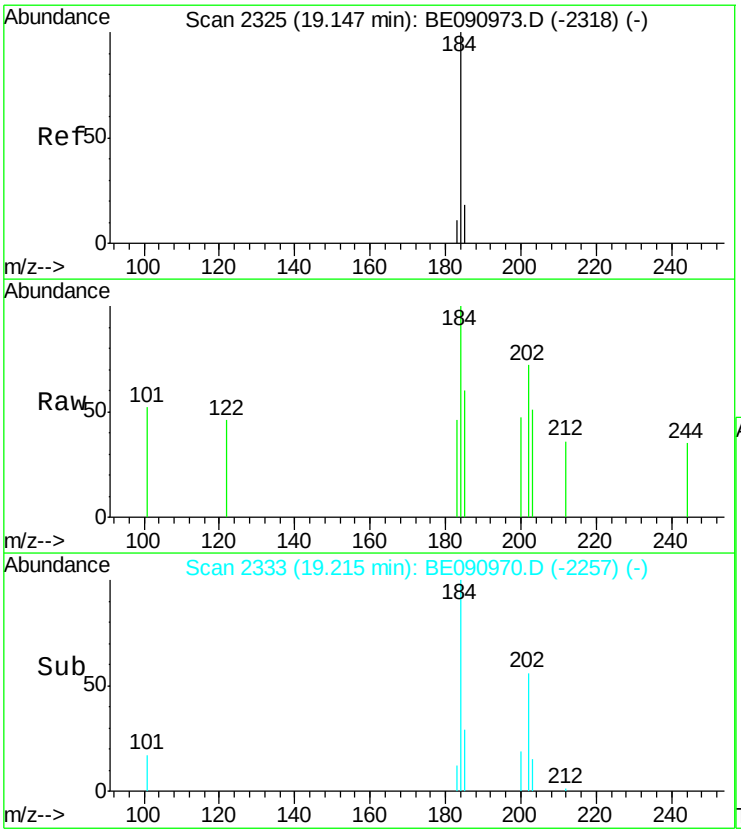
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 246879

Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.0	16.4
236	26.6	21.7	32.5

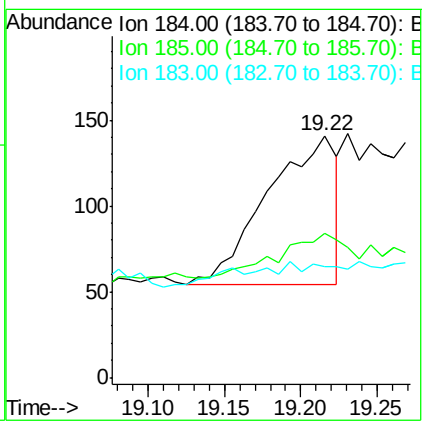


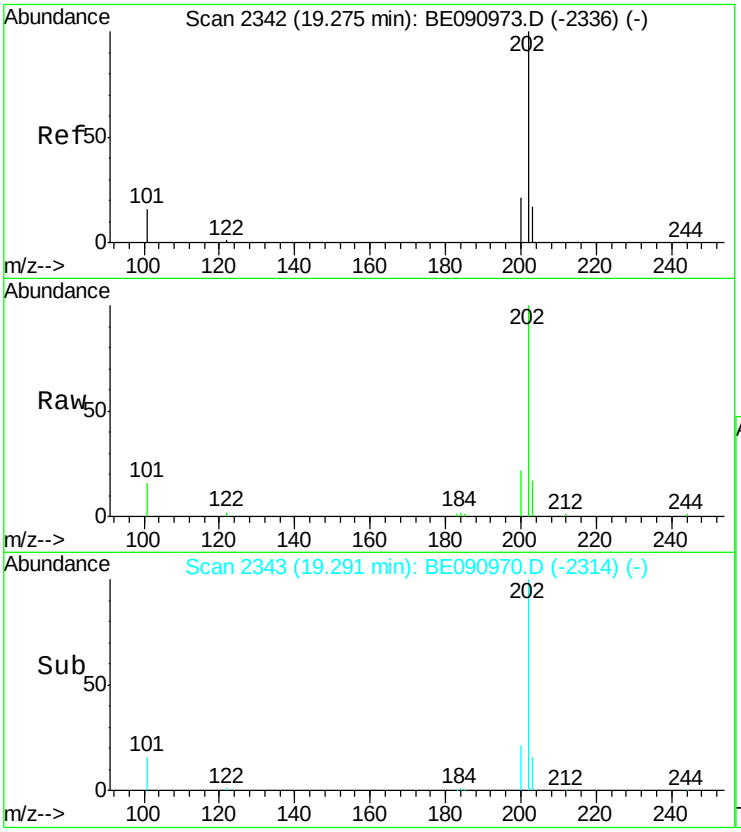


#27
Benzidine
Concen: 0.03 ng
RT: 19.22 min Scan# 2333
Delta R.T. 0.07 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:184 Resp: 276

Ion	Ratio	Lower	Upper
184	100		
185	59.6	22.3	33.5#
183	46.1	16.4	24.6#



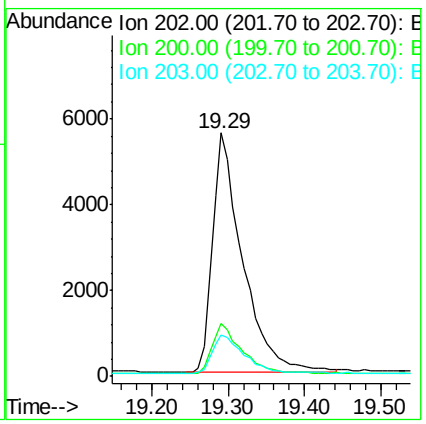


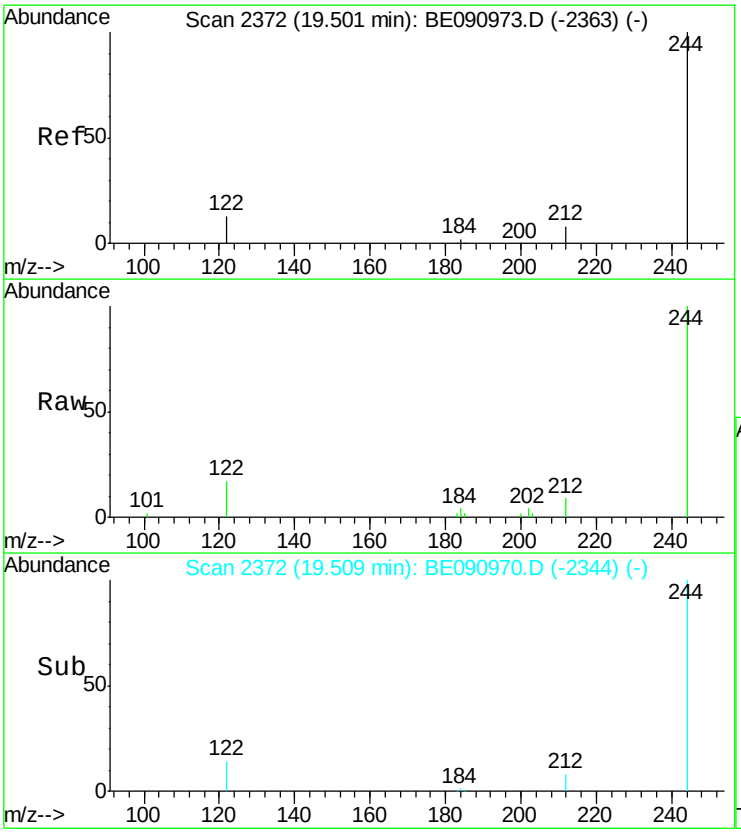
#28
Pyrene
Concen: 0.12 ng
RT: 19.29 min Scan# 2343
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 15249

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.4	14.0	21.0

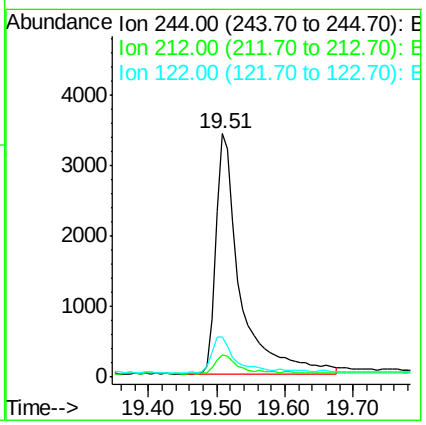


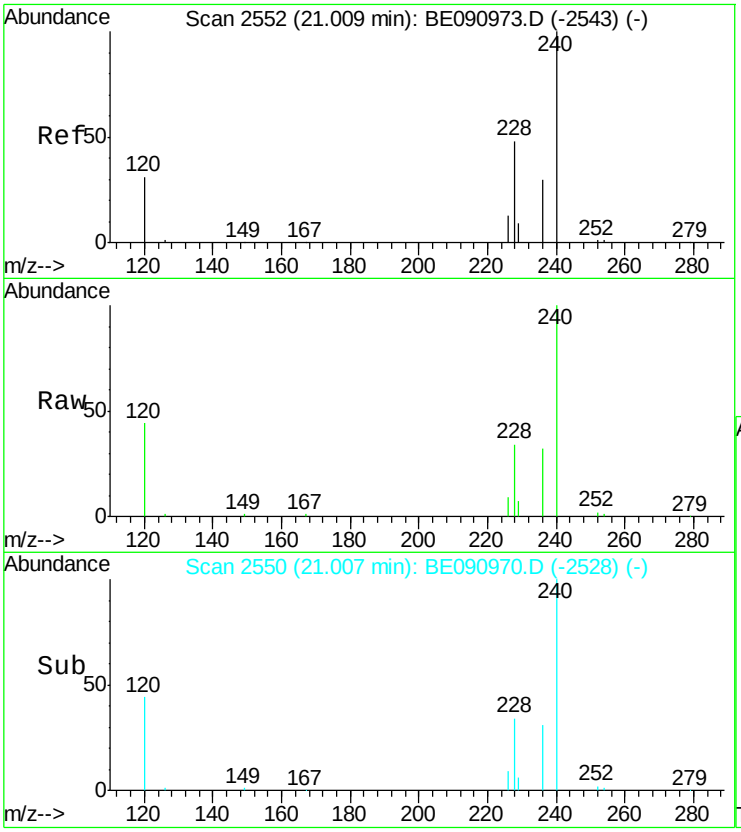


#29
Terphenyl-d14
Concen: 0.12 ng
RT: 19.51 min Scan# 2372
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:244 Resp: 8361

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.9	10.3
122	16.5	11.0	16.4#



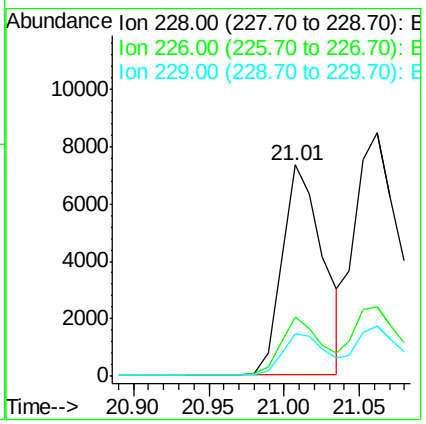


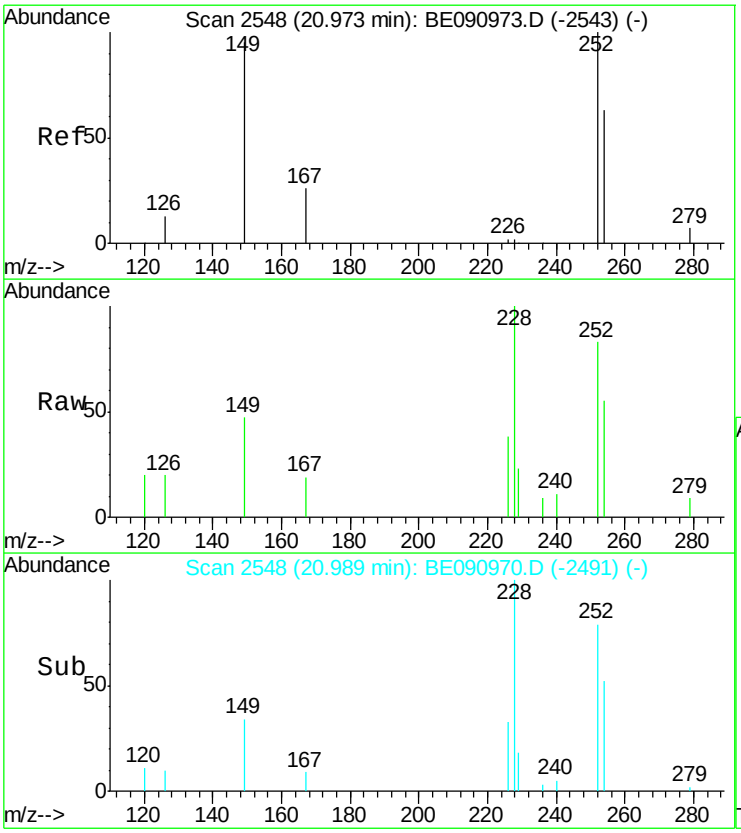
#30
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.01 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 13711

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.0	31.4
229	19.9	15.7	23.5

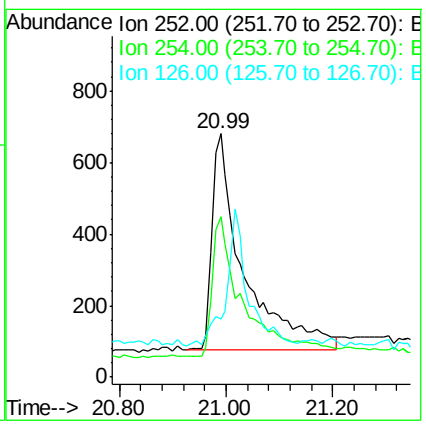


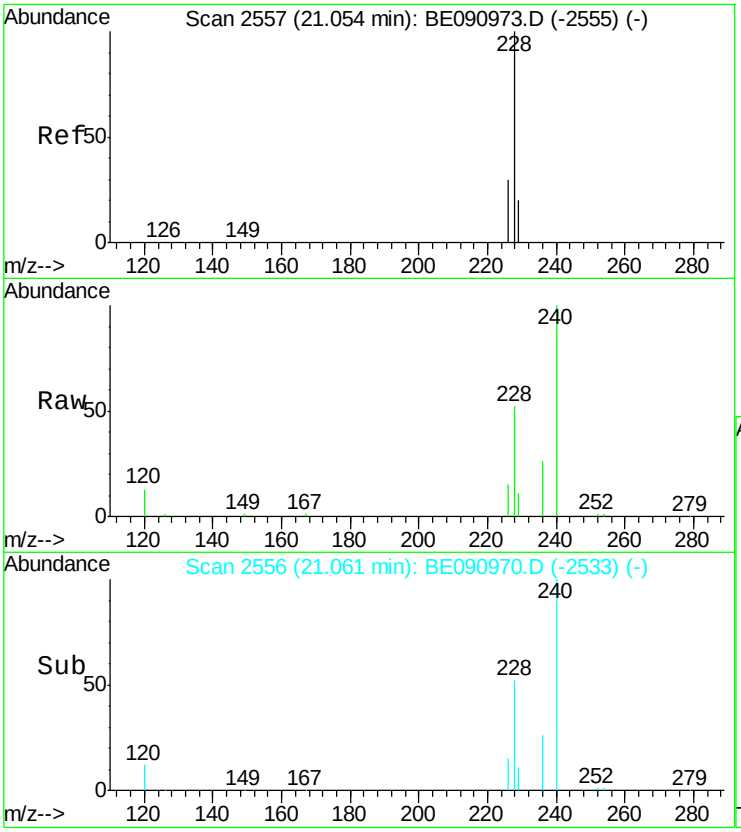


#31
3,3'-Dichlorobenzidine
Concen: 0.14 ng
RT: 20.99 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:252 Resp: 2489

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.1	76.7
126	23.9	12.6	18.8#



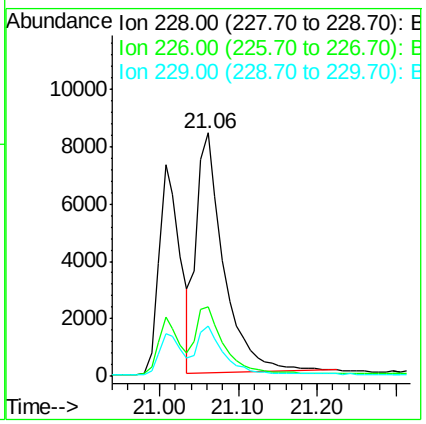


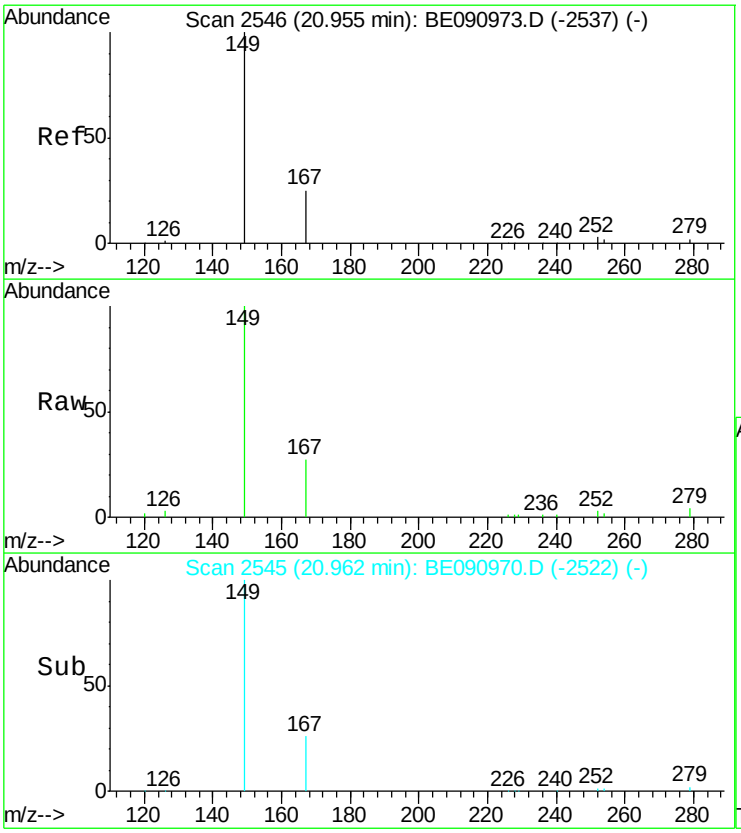
#32
Chrysene
Concen: 0.13 ng
RT: 21.06 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 20044

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.9	15.9	23.9

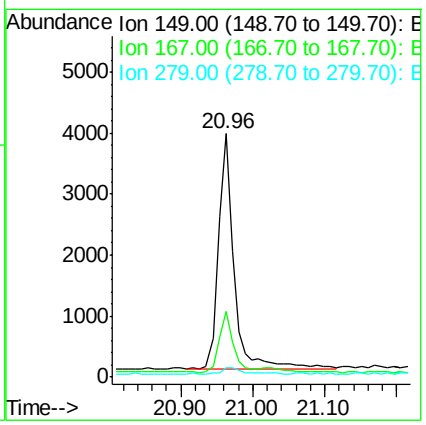


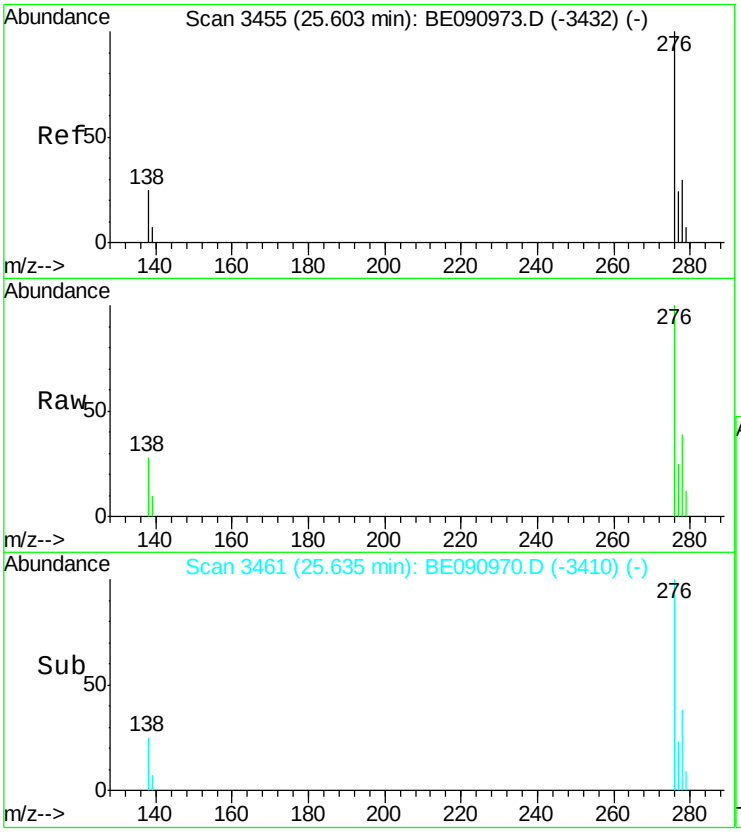


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 20.96 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:149 Resp: 5745

Ion	Ratio	Lower	Upper
149	100		
167	23.8	19.5	29.3
279	2.9	2.3	3.5



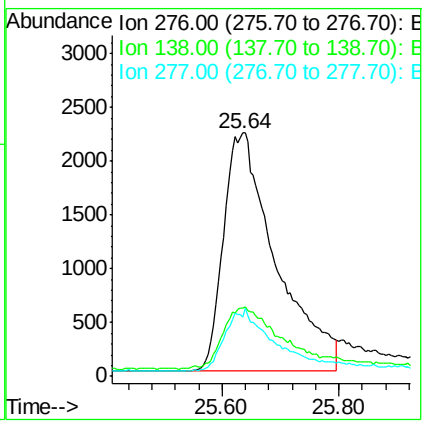


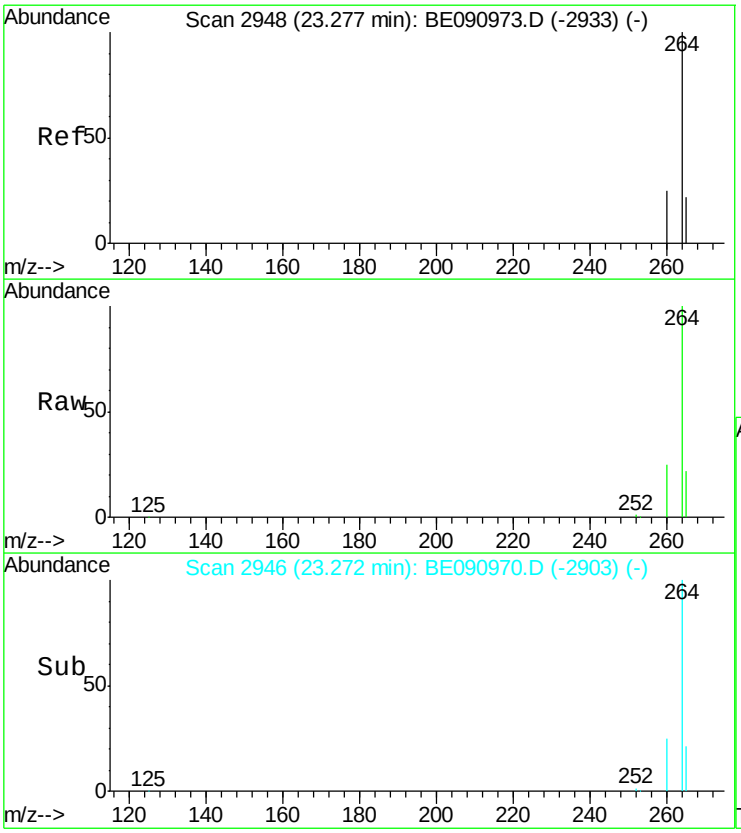
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.64 min Scan# 3461
Delta R.T. 0.03 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 13768

Ion	Ratio	Lower	Upper
276	100		
138	26.7	23.4	35.2
277	24.7	19.8	29.8

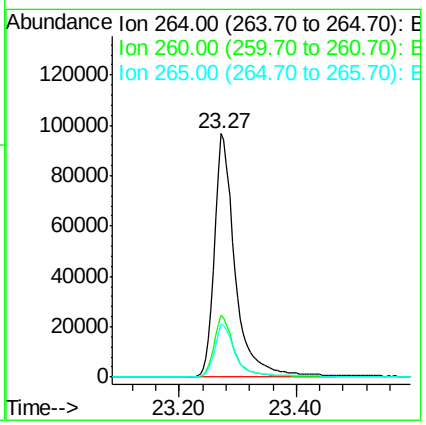


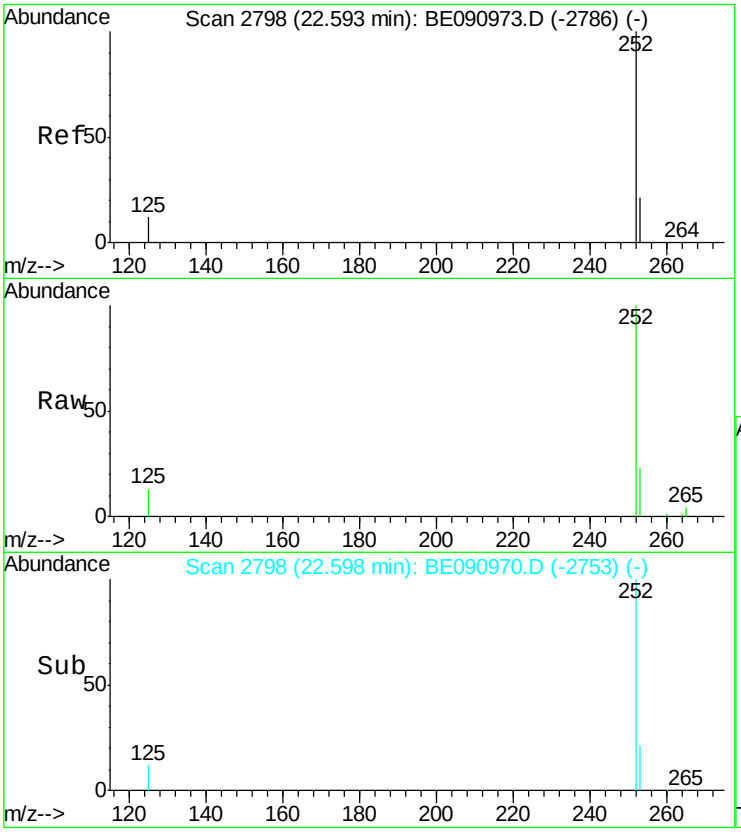


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.27 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:264 Resp: 236917

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	21.7	17.5	26.3



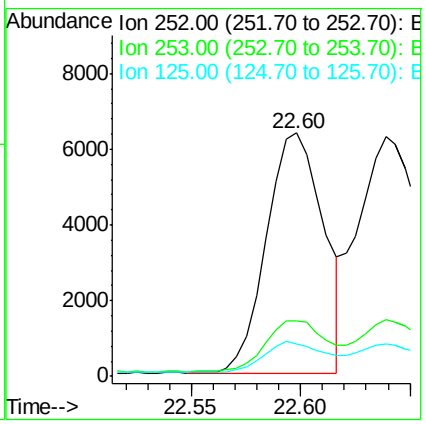


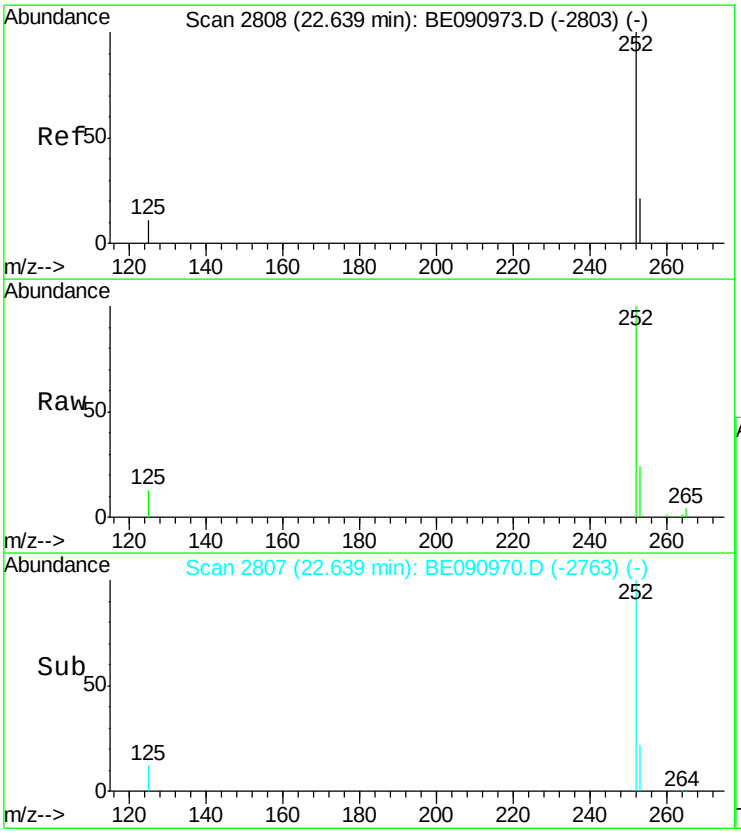
#36
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.60 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 11471

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	13.4	10.2	15.2

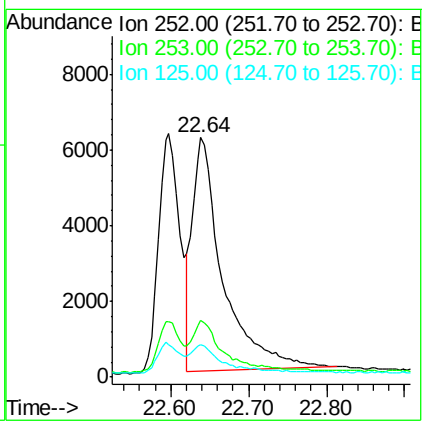


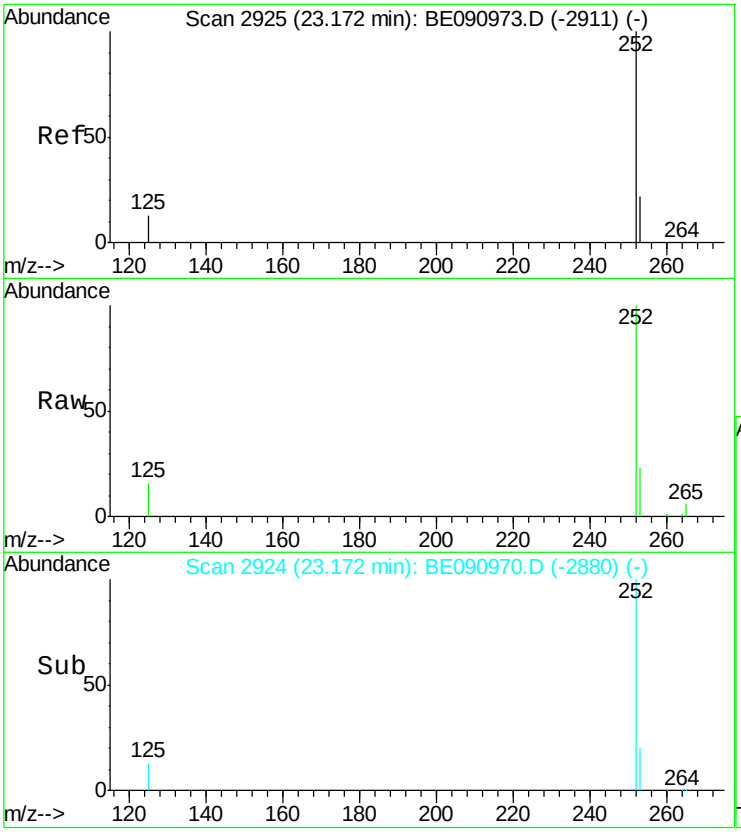


#37
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 22.64 min Scan# 2807
Delta R.T. -0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:252 Resp: 16754

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	13.3	9.9	14.9



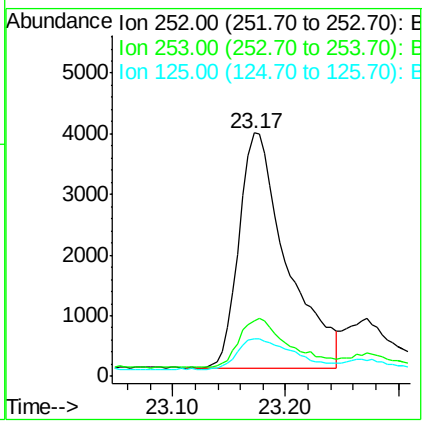


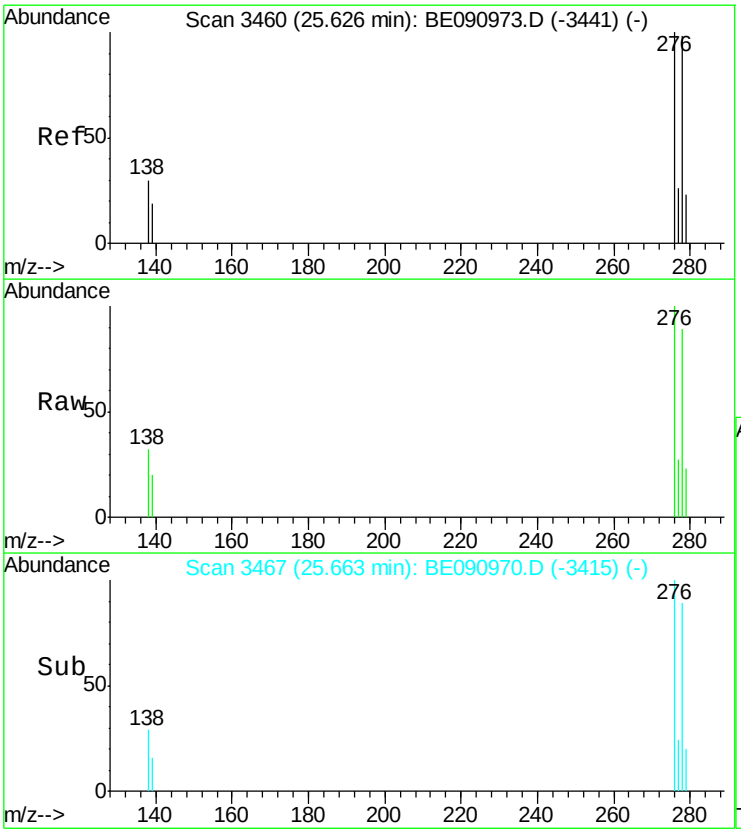
#38
Benzo(a)pyrene
Concen: 0.11 ng
RT: 23.17 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 11249

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.7	11.0	16.4

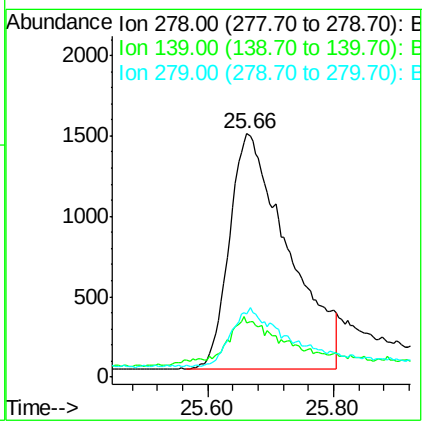


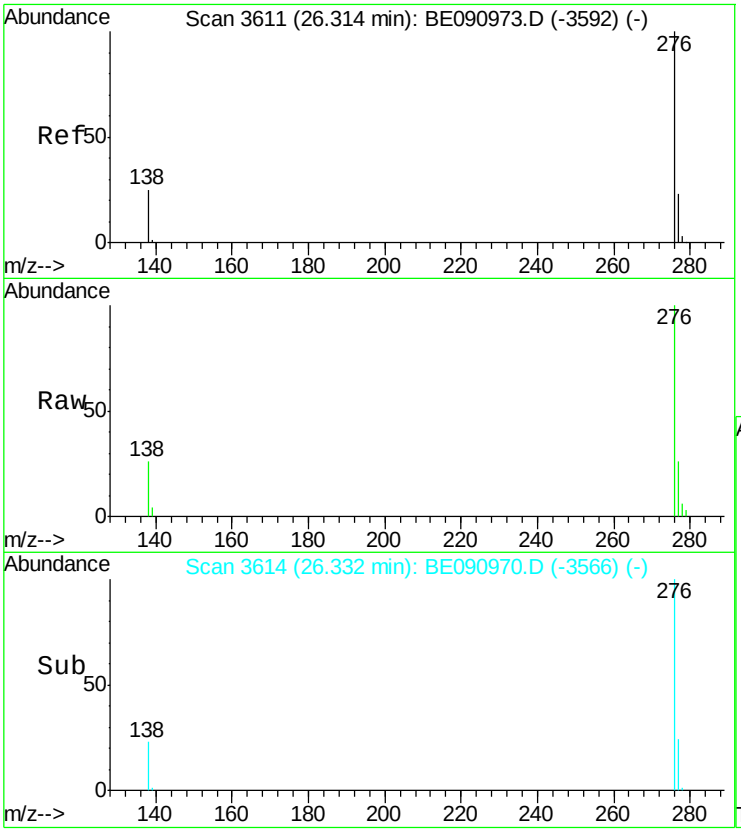


#39
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 25.66 min Scan# 3467
Delta R.T. 0.04 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Tgt Ion:278 Resp: 9433

Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.0	24.0
279	26.0	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.11 ng
RT: 26.33 min Scan# 3614
Delta R.T. 0.02 min
Lab File: BE090970.D
Acq: 28 Sep 2015 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 12453

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	26.3	20.4	30.6