Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090971.D
Acq On : 28 Sep 2015 17:43
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Sep 29 05:37:17 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	33225	5.00	ng		0.00
7) Naphthalene-d8	10.26	136	147912	5.00	ng		0.00
13) Acenaphthene-d10	14.12	164	84404	5.00	ng		0.00
19) Phenanthrene-d10	16.86	188	201054	5.00	ng		0.00
26) Chrysene-d12	21.03	240	241765	5.00	ng		0.00
35) Perylene-d12	23.27	264	223792	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	2068	0.17	ng		0.00
5) Phenol-d6	6.76	99	3015	0.17	ng		0.04
8) Nitrobenzene-d5	8.69	82	2570	0.13	ng		0.04
14) 2,4,6-Tribromophenol	15.64	330	1055	0.21	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	9704	0.18	ng		0.02
29) Terphenyl-d14	19.51	244	13507	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	2722	0.22	ng		99
3) n-Nitrosodimethylamine	3.39	42	2606	0.20	ng		88
6) bis(2-Chloroethyl)ether	6.87	93	4268	0.22	ng	#	28
9) Nitrobenzene	8.74	77	2922	0.15	ng	#	58
10) Naphthalene	10.31	128	14456	0.19	ng		98
11) Hexachlorobutadiene	10.60	225	2524	0.19	ng		97
12) 2-Methylnaphthalene	11.97	142	8209	0.18	ng		100
16) Acenaphthylene	13.83	152	61739	0.19	ng		99
17) Acenaphthene	14.18	154	10175	0.19	ng		98
18) Fluorene	15.19	166	12023	0.18	ng		100
20) 4-Bromophenyl-phenylether	16.07	248	3220	0.18	ng		91
21) Hexachlorobenzene	16.18	284	17839	0.19	ng		97
22) Pentachlorophenol	16.60	266	682	0.14	ng		96
23) Phenanthrene	16.91	178	21721	0.19	ng		100
24) Anthracene	17.01	178	16552	0.17	ng		100
25) Fluoranthene	18.93	202	24739	0.20	ng		100
27) Benzidine	19.19	184	485	0.05	ng	#	78
28) Pyrene	19.29	202	25881	0.20	ng		99
30) Benzo(a)anthracene	21.01	228	22372	0.17	ng		98
31) 3,3'-Dichlorobenzidine	20.99	252	3674	0.21	ng		97
32) Chrysene	21.06	228	31959	0.21	ng		100
33) Bis(2-ethylhexyl)phthalate	20.96	149	7464	0.21	ng		99
34) Indeno(1,2,3-cd)pyrene	25.61	276	23144	0.18	ng		99
36) Benzo(b)fluoranthene	22.60	252	19364	0.17	ng		98
37) Benzo(k)fluoranthene	22.64	252	27380	0.20	ng		99
38) Benzo(a)pyrene	23.18	252	17839	0.18	ng		98
39) Dibenzo(a,h)anthracene	25.65	278	16296	0.17	ng		99
40) Benzo(g,h,i)perylene	26.32	276	20135	0.19	ng		98

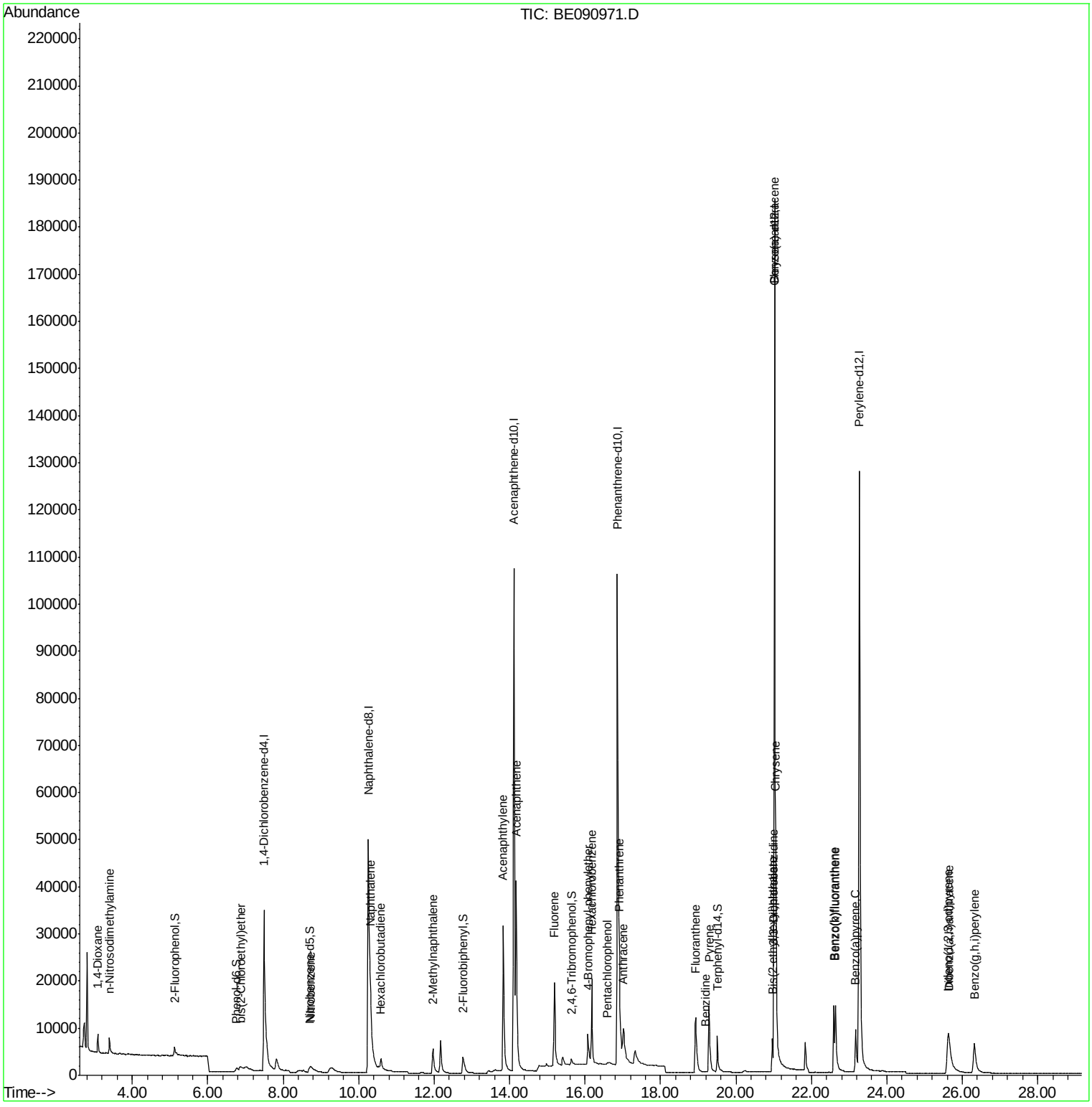
(#) = qualifier out of range (m) = manual integration (+) = signals summed

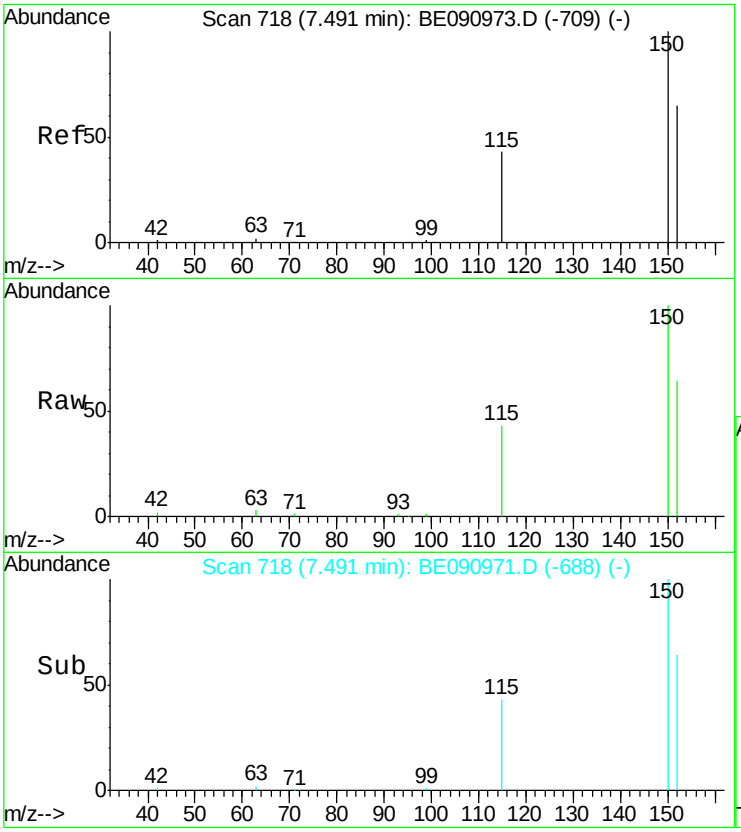
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090971.D
Acq On : 28 Sep 2015 17:43
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Sep 29 05:37:17 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



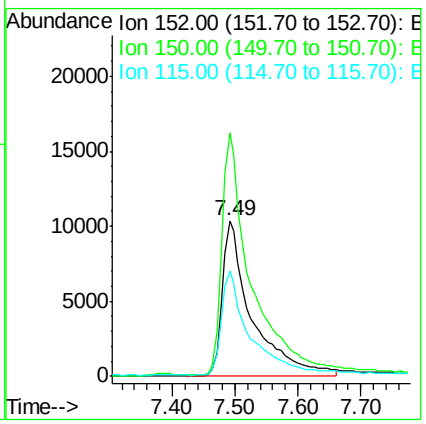


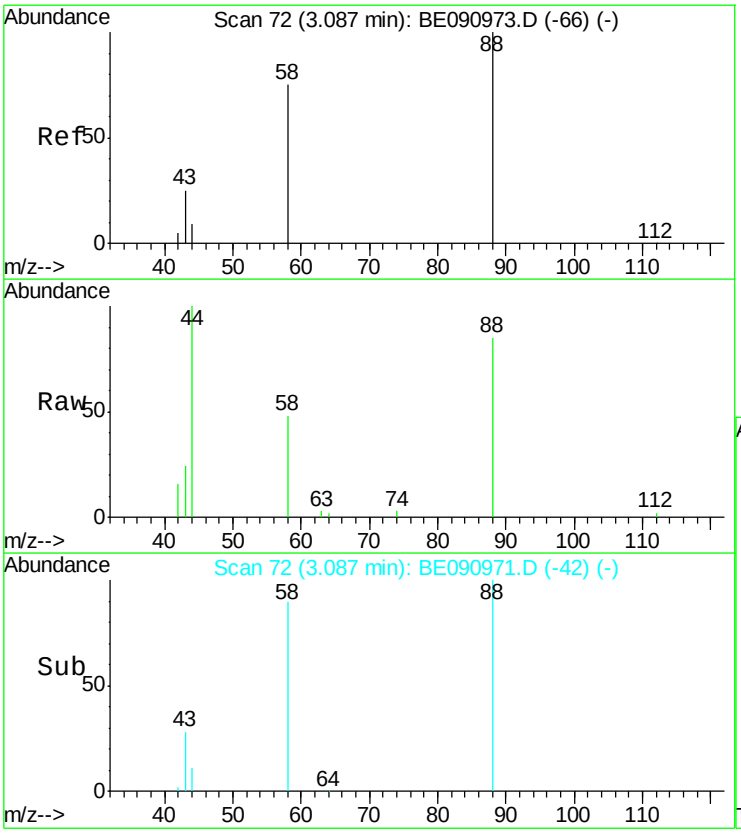
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 33225

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.6	183.8
115	67.9	52.8	79.2

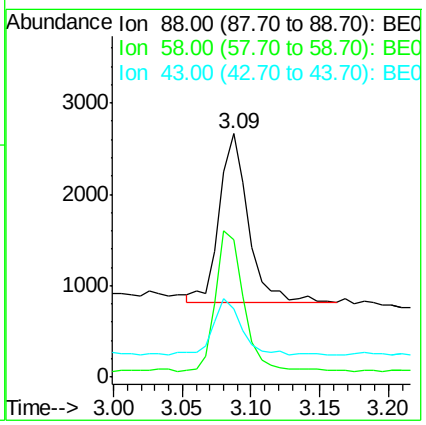


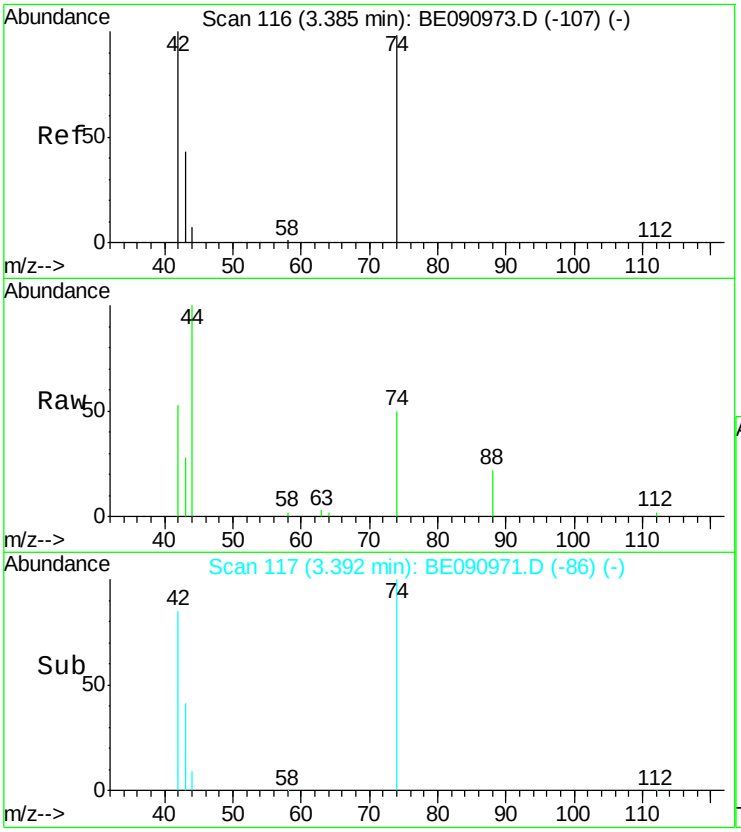


#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.09 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion: 88 Resp: 2722

Ion	Ratio	Lower	Upper
88	100		
58	81.4	65.8	98.6
43	32.8	25.3	37.9



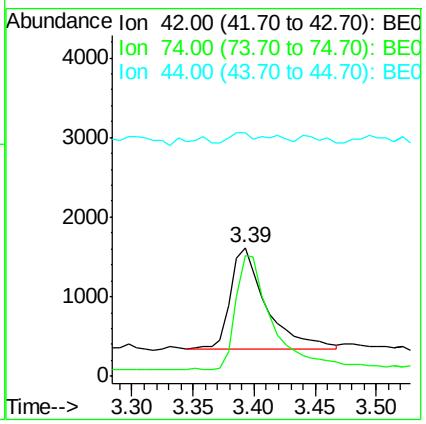


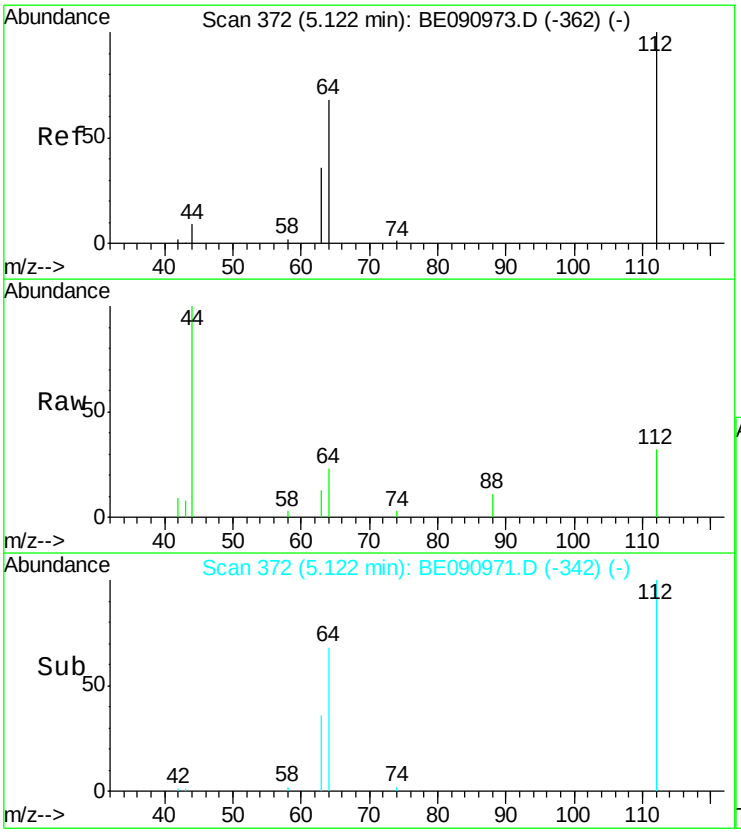
#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.39 min Scan# 117
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 2606

Ion	Ratio	Lower	Upper
42	100		
74	123.6	87.9	131.9
44	7.7	6.6	9.8

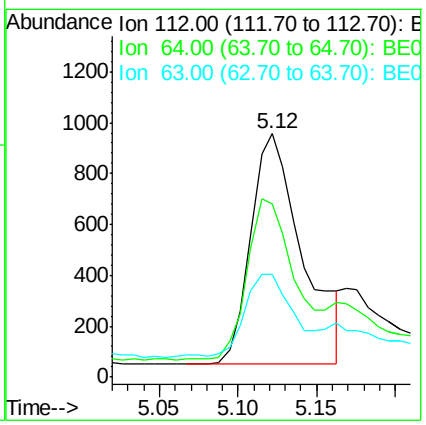


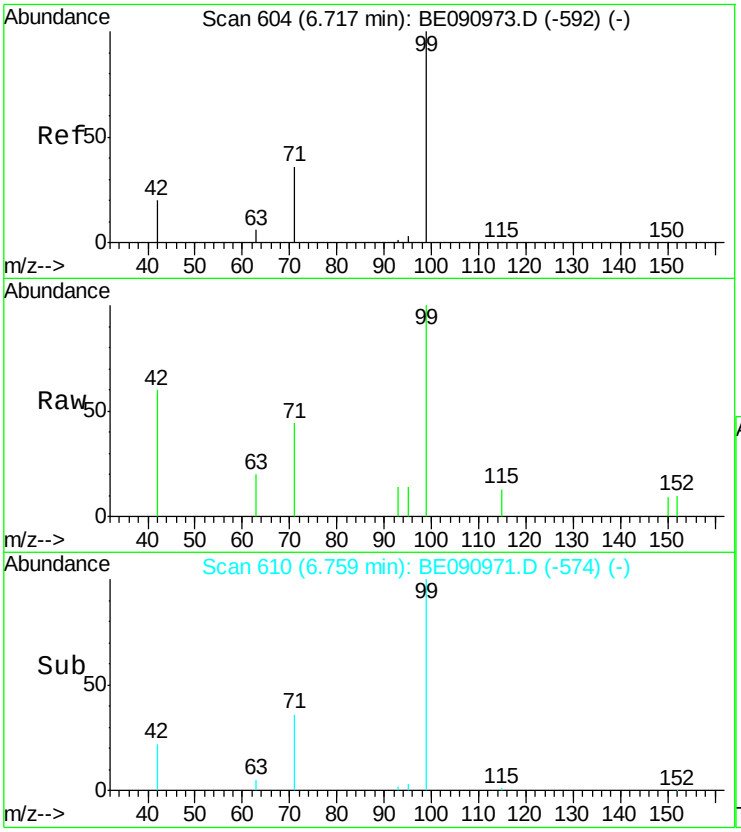


#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.12 min Scan# 372
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:112 Resp: 2068

Ion	Ratio	Lower	Upper
112	100		
64	67.1	30.9	46.3#
63	35.2	16.7	25.1#



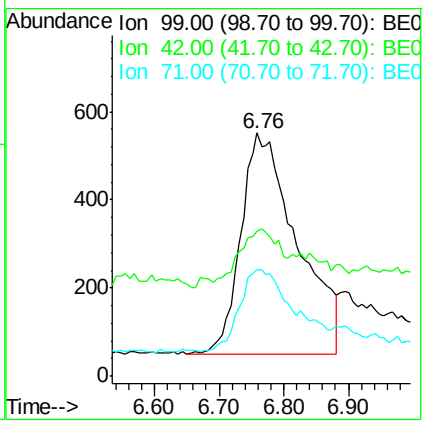


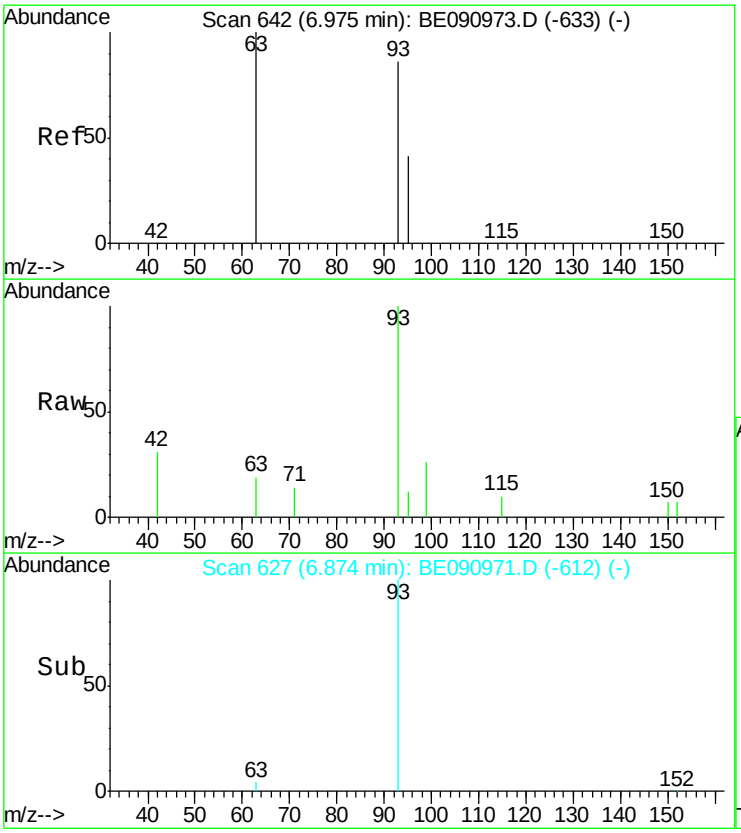
#5
Phenol-d6
Concen: 0.17 ng
RT: 6.76 min Scan# 610
Delta R.T. 0.04 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 3015

Ion	Ratio	Lower	Upper
99	100		
42	16.5	16.2	24.2
71	36.8	29.0	43.4

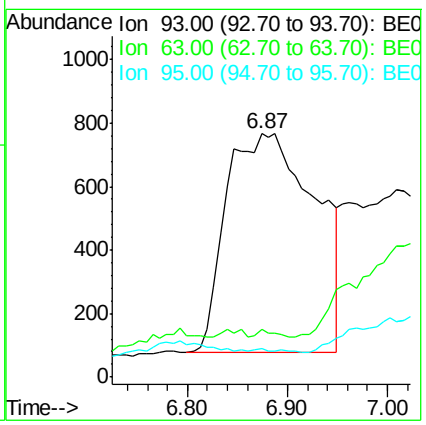


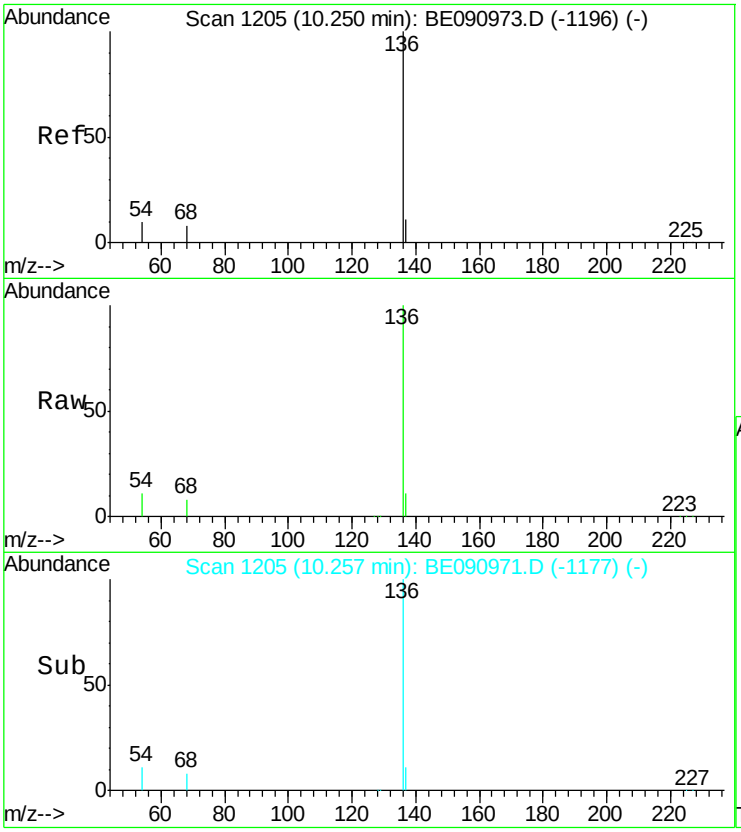


#6
bis(2-Chloroethyl)ether
Concen: 0.22 ng
RT: 6.87 min Scan# 627
Delta R.T. -0.10 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion: 93 Resp: 4268

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



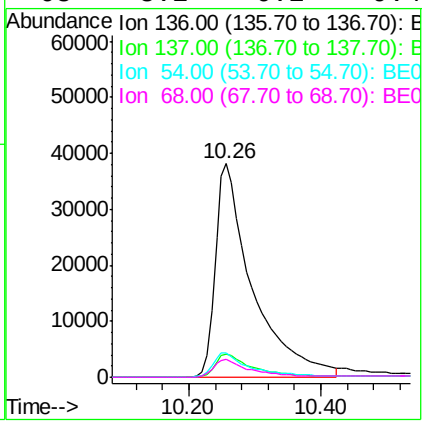


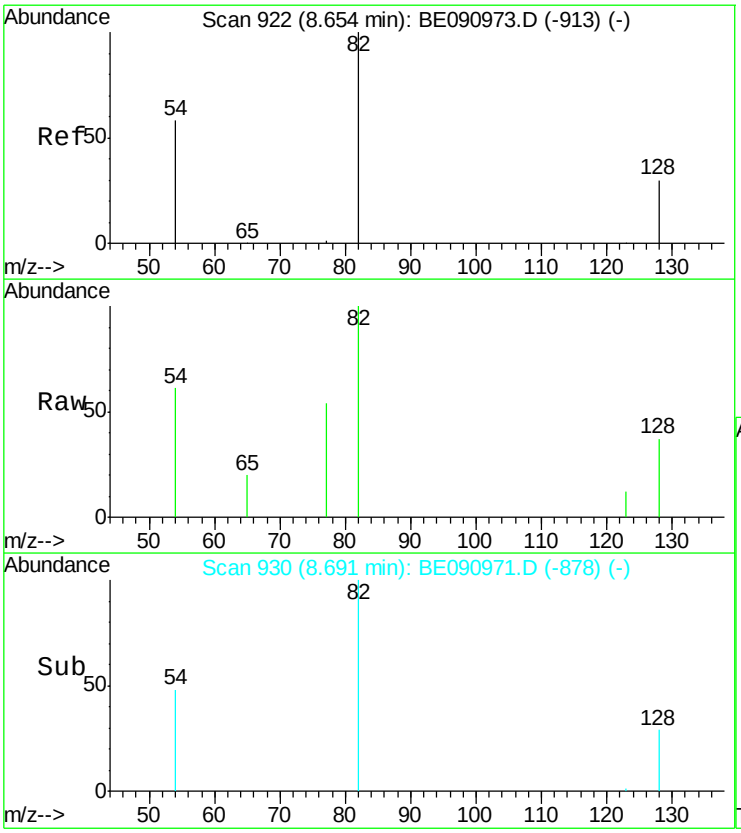
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 147912

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.2	8.2	12.4
68	8.2	6.2	9.4

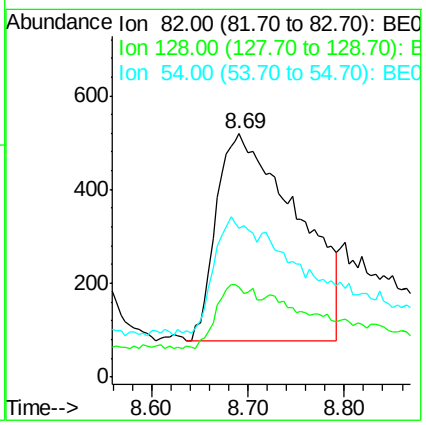


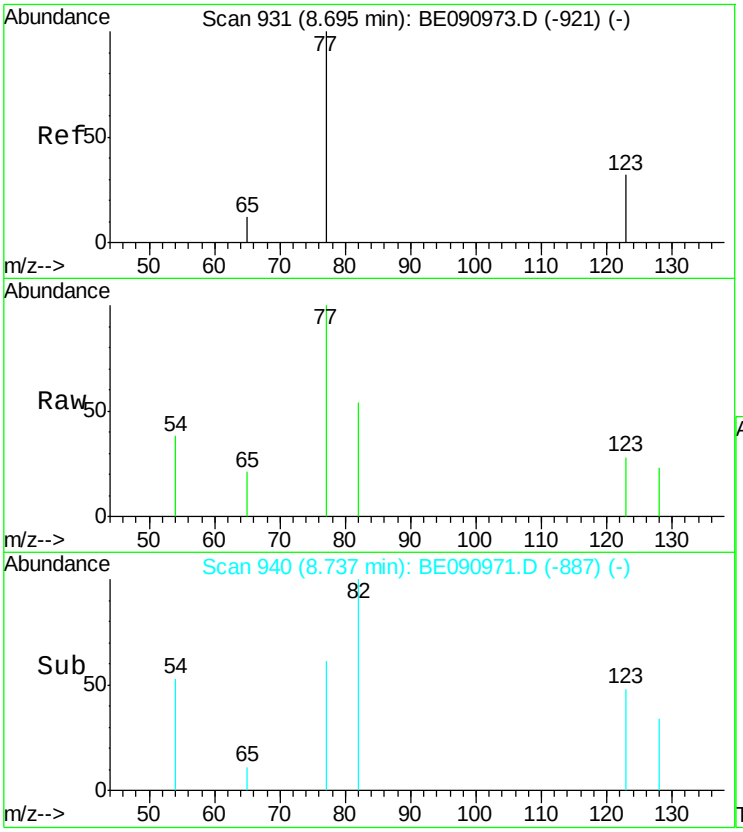


#8
Nitrobenzene-d5
Concen: 0.13 ng
RT: 8.69 min Scan# 930
Delta R.T. 0.04 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion: 82 Resp: 2570

Ion	Ratio	Lower	Upper
82	100		
128	37.2	25.4	38.0
54	61.3	48.4	72.6



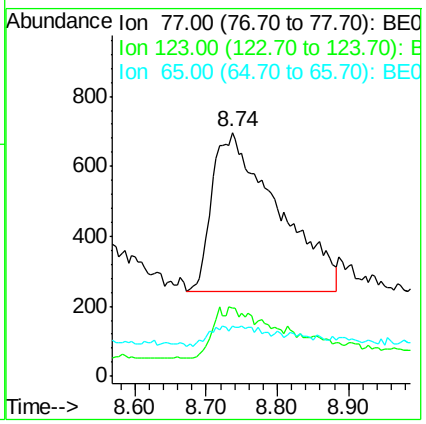


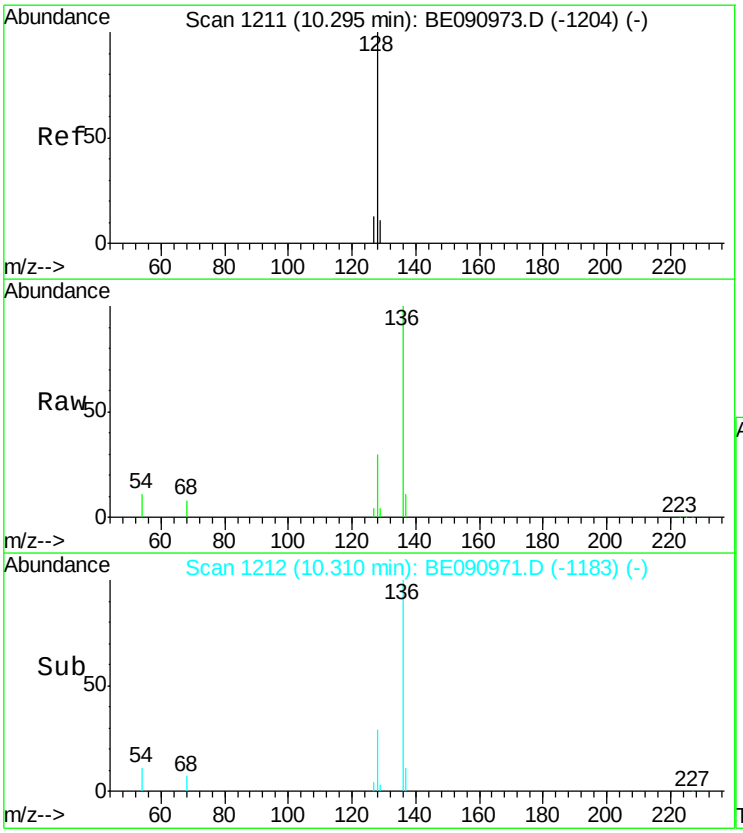
#9
Nitrobenzene
Concen: 0.15 ng
RT: 8.74 min Scan# 940
Delta R.T. 0.04 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 2922

Ion	Ratio	Lower	Upper
77	100		
123	5.5	26.9	40.3#
65	3.8	9.4	14.2#

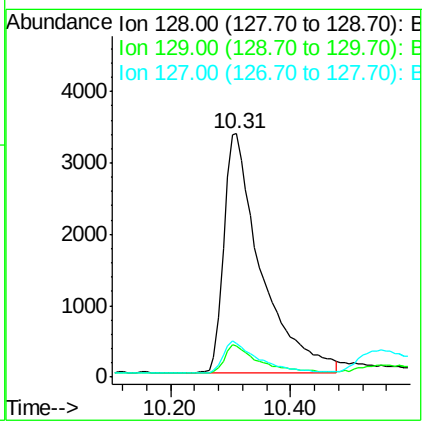


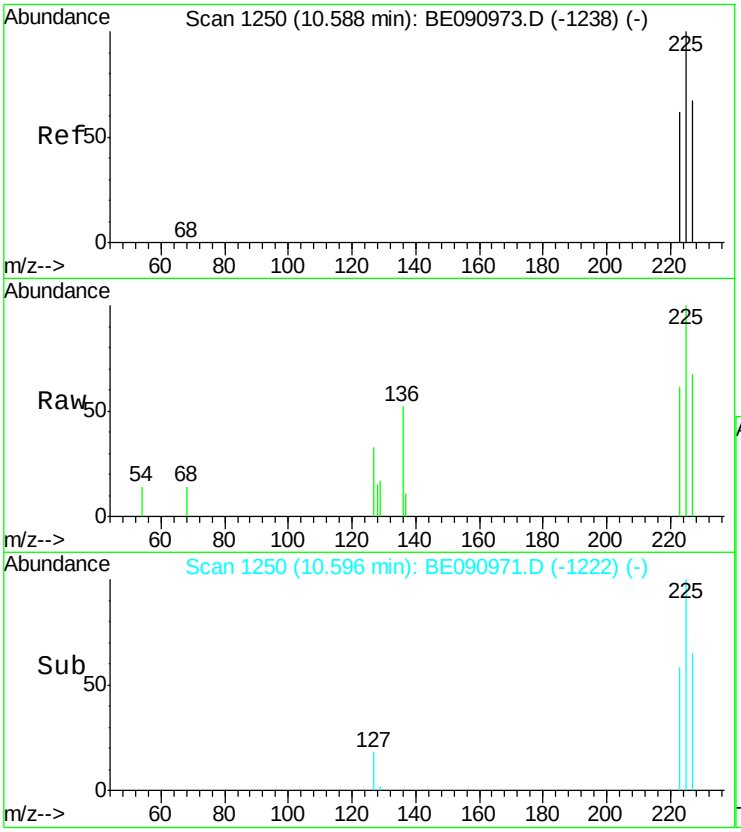


#10
Naphthalene
Concen: 0.19 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:128 Resp: 14456

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.3	13.9
127	13.7	10.7	16.1



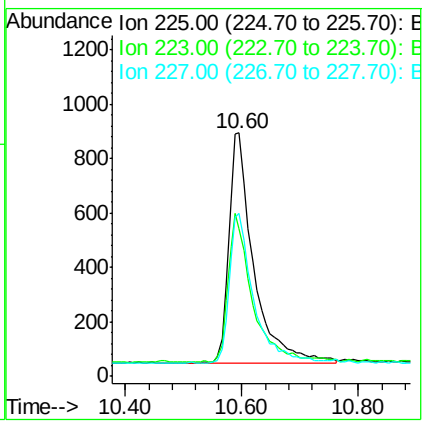


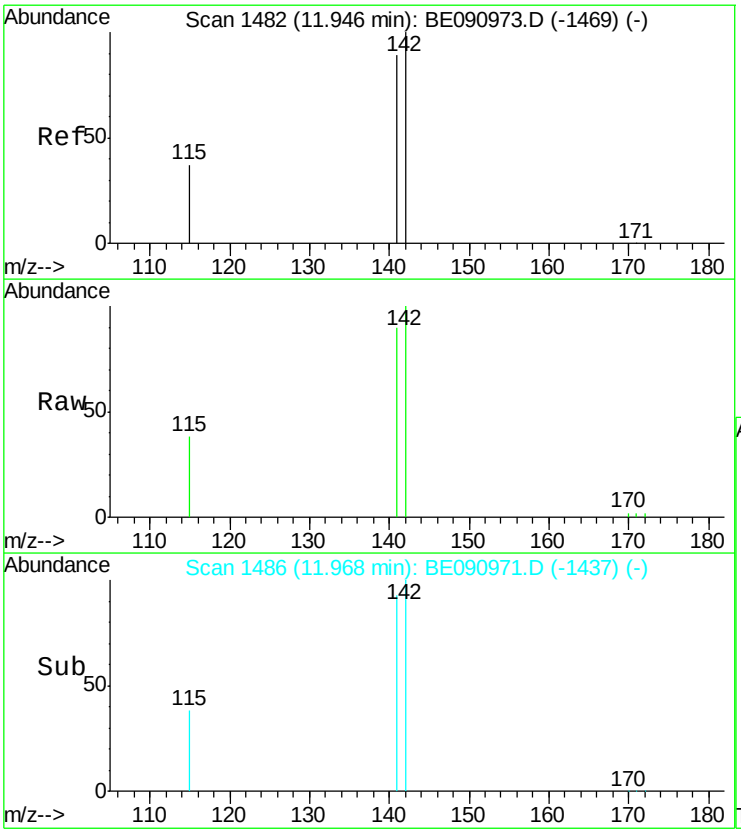
#11
Hexachlorobutadiene
Concen: 0.19 ng
RT: 10.60 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:225 Resp: 2524

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	64.9	50.3	75.5

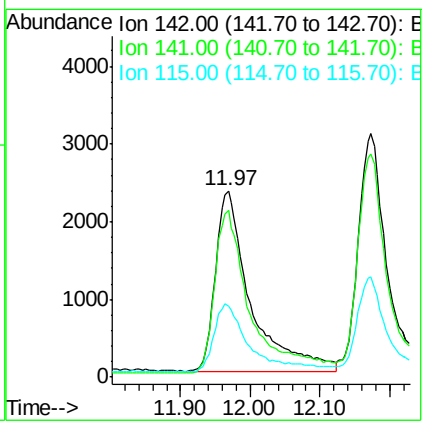


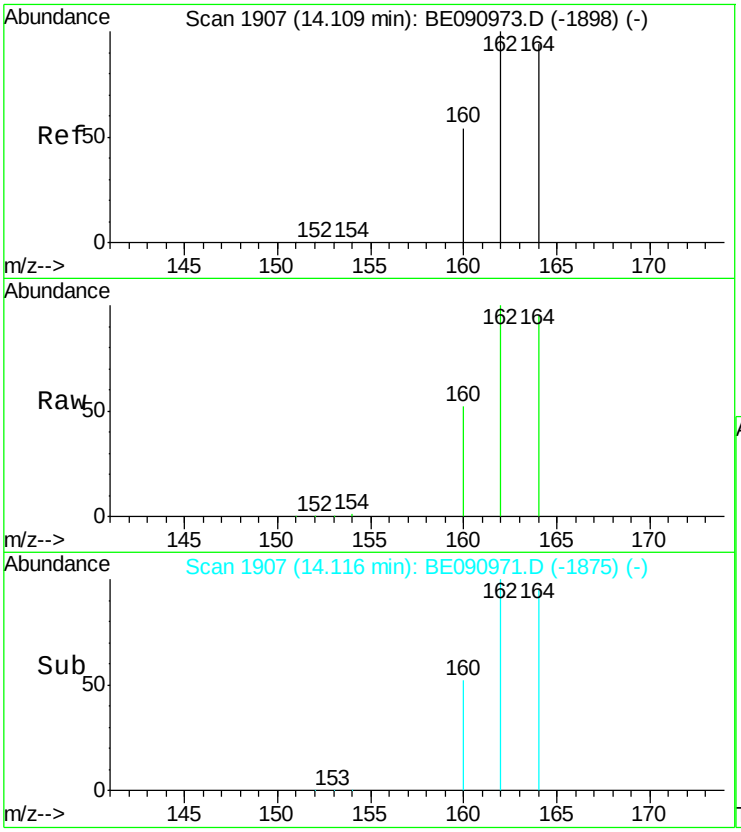


#12
2-Methylnaphthalene
Concen: 0.18 ng
RT: 11.97 min Scan# 1486
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:142 Resp: 8209

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0
115	38.2	30.3	45.5



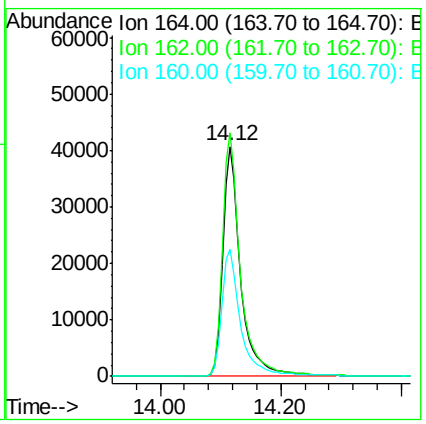


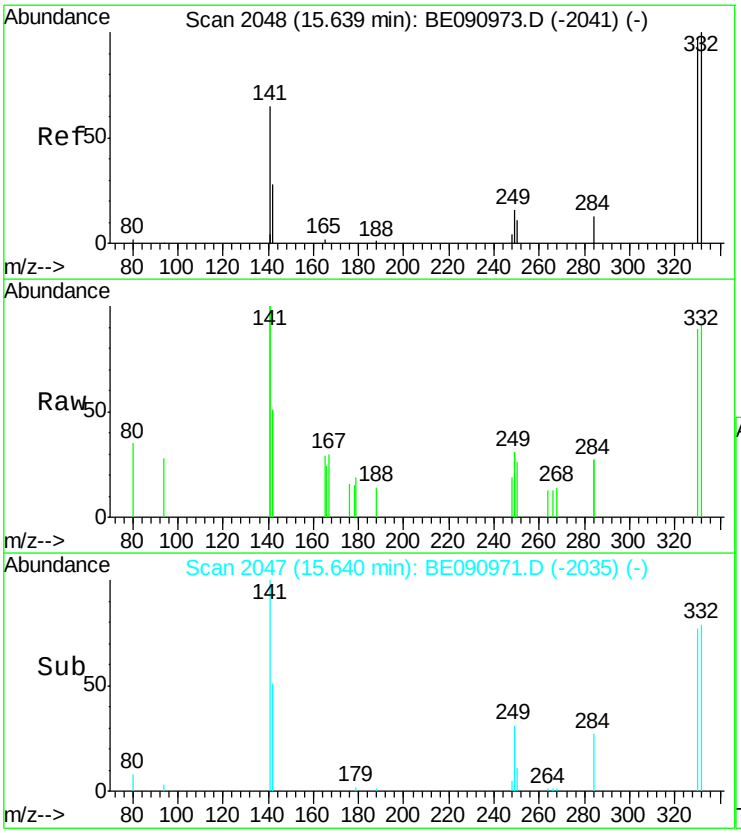
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 84404

Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.3	127.9
160	55.5	46.2	69.2

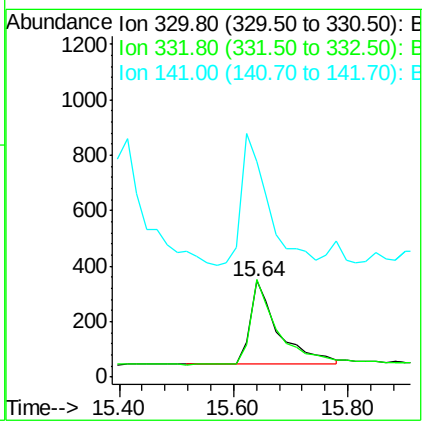


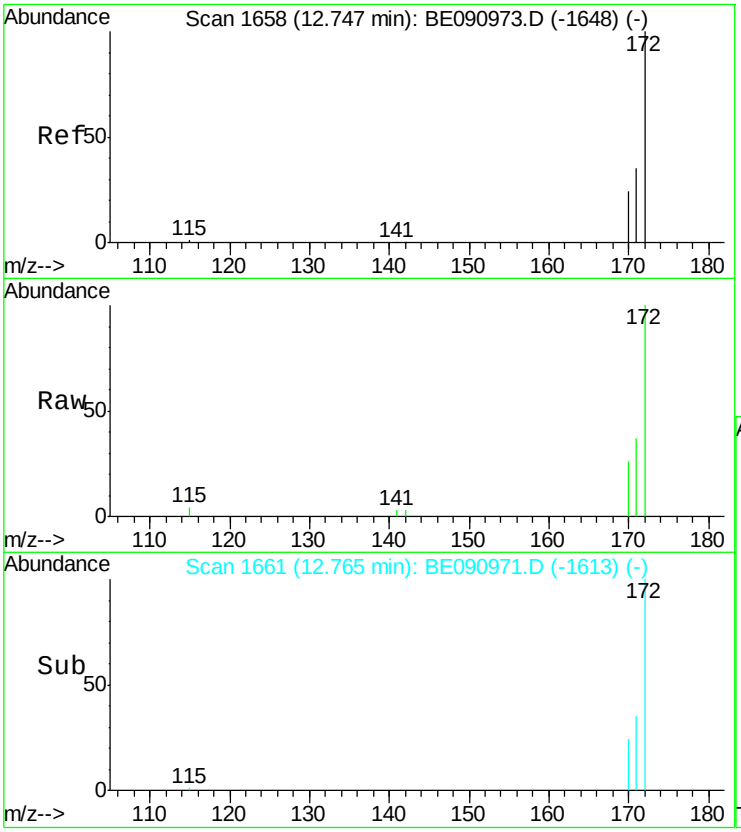


#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.64 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:330 Resp: 1055

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	145.0	125.4	188.0



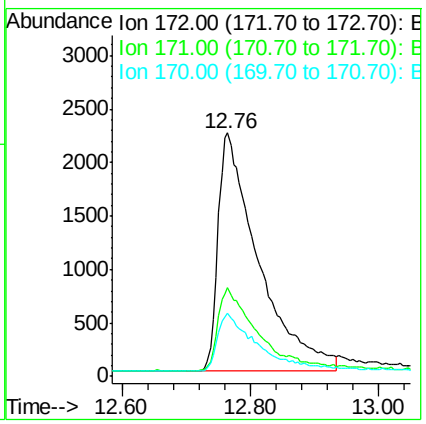


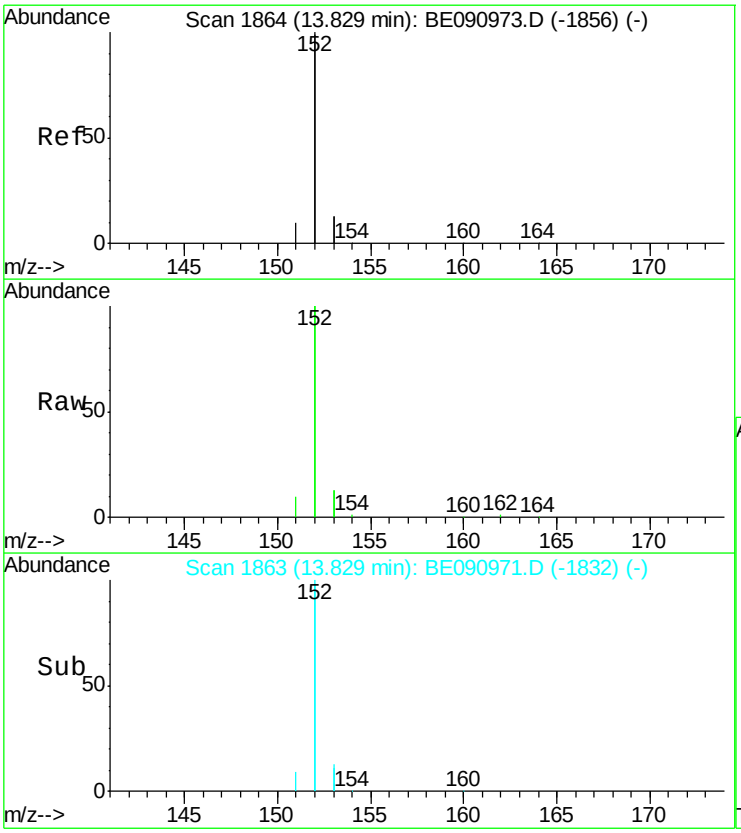
#15
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.76 min Scan# 1661
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 9704

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.8	43.2
170	25.7	19.3	28.9

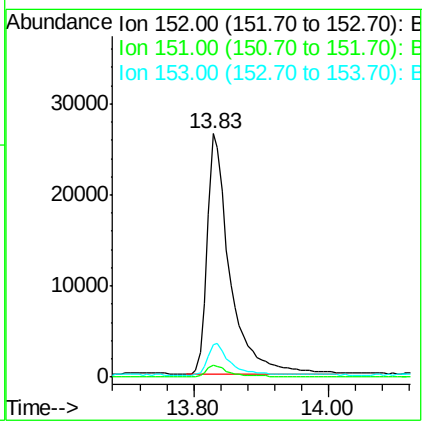


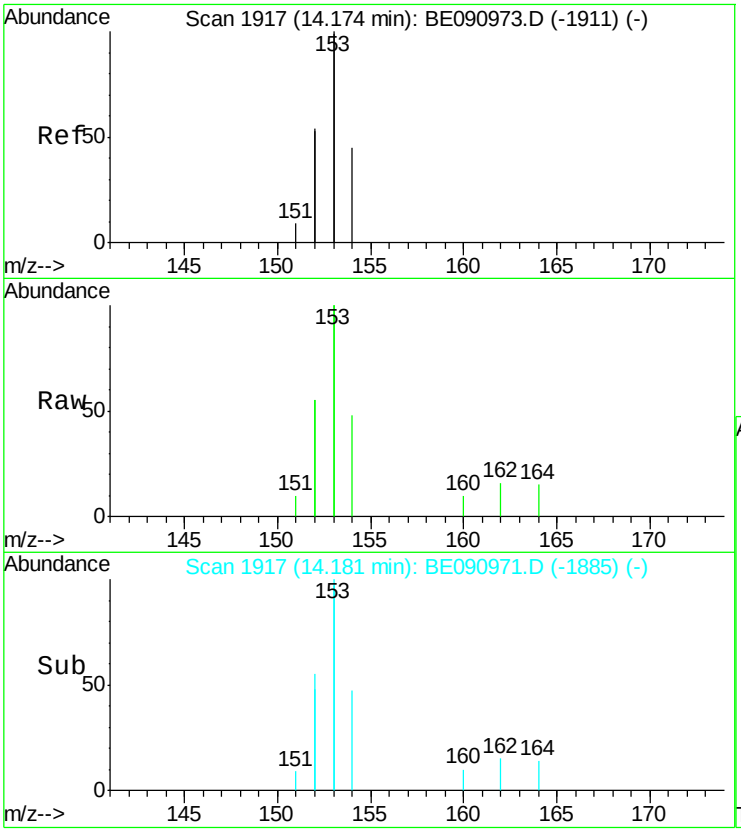


#16
Acenaphthylene
Concen: 0.19 ng
RT: 13.83 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:152 Resp: 61739

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.6	10.3	15.5



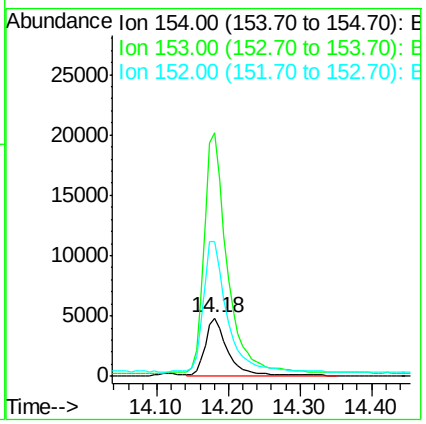


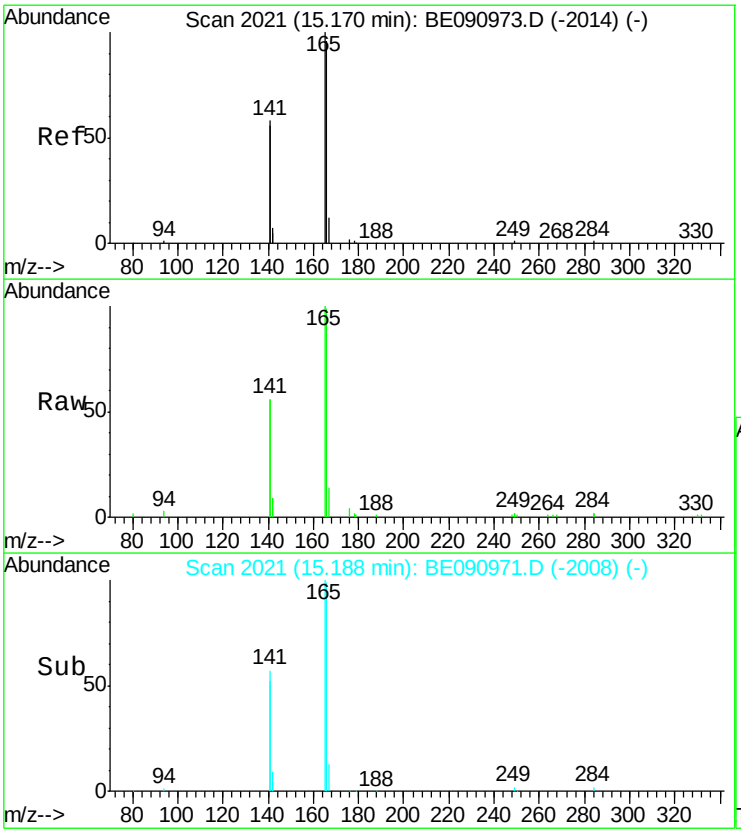
#17
Acenaphthene
Concen: 0.19 ng
RT: 14.18 min Scan# 1917
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 10175

Ion	Ratio	Lower	Upper
154	100		
153	442.0	352.0	528.0
152	245.2	200.0	300.0

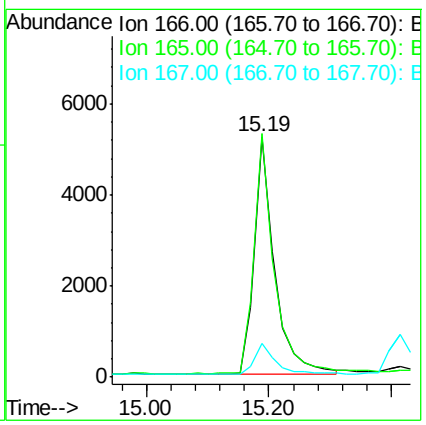


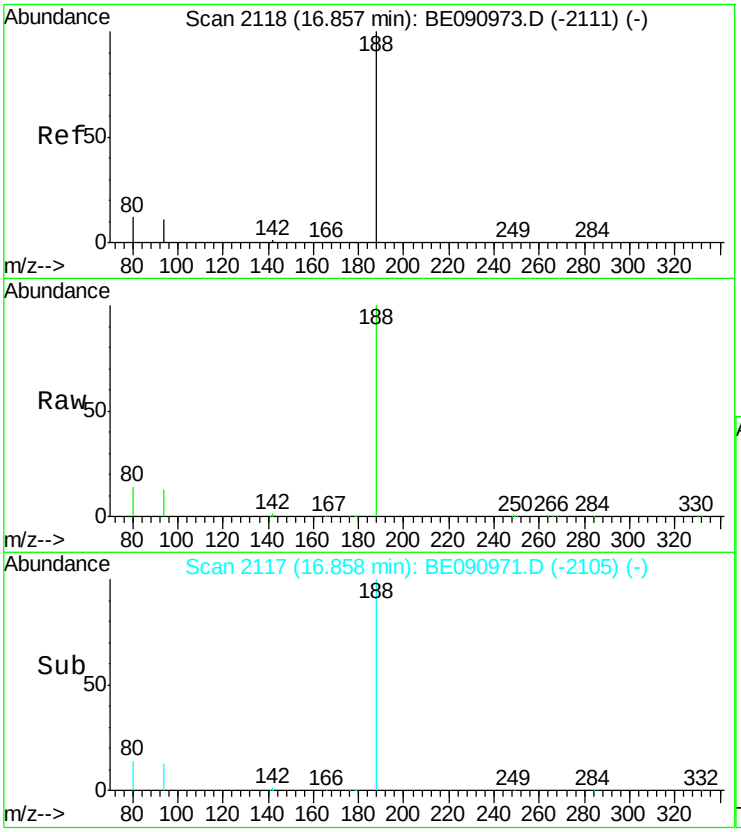


#18
Fluorene
Concen: 0.18 ng
RT: 15.19 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:166 Resp: 12023

Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.8	121.2
167	13.6	10.9	16.3



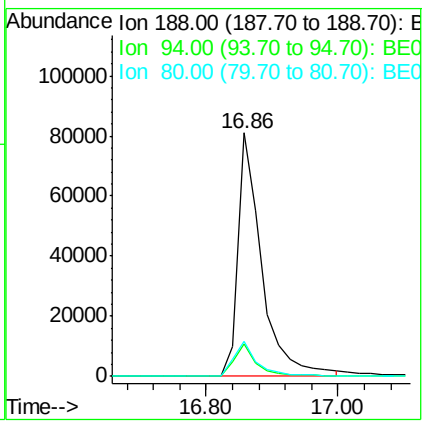


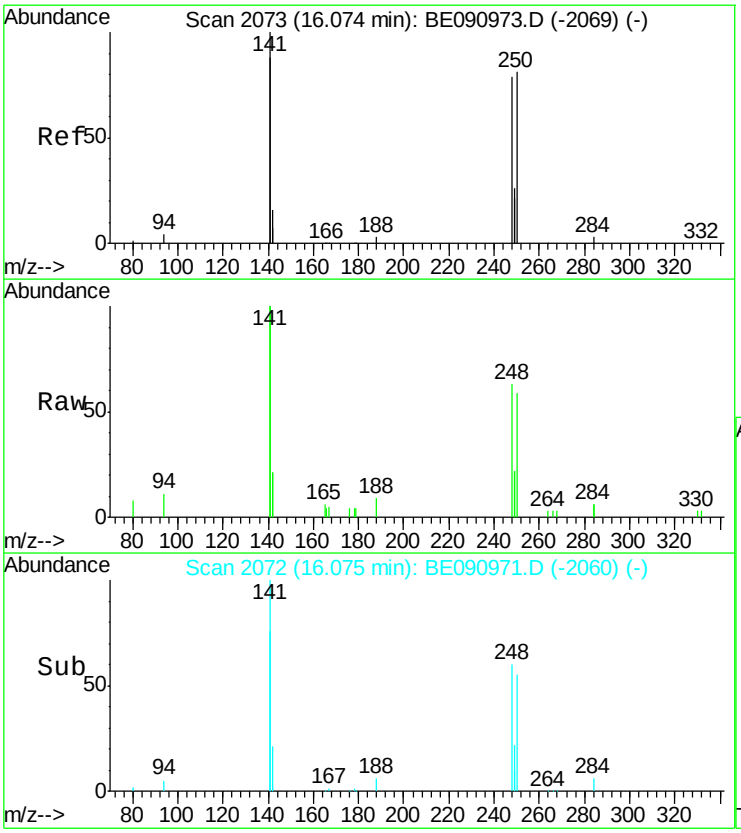
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.86 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 201054

Ion	Ratio	Lower	Upper
188	100		
94	13.2	8.7	13.1#
80	14.2	9.4	14.0#

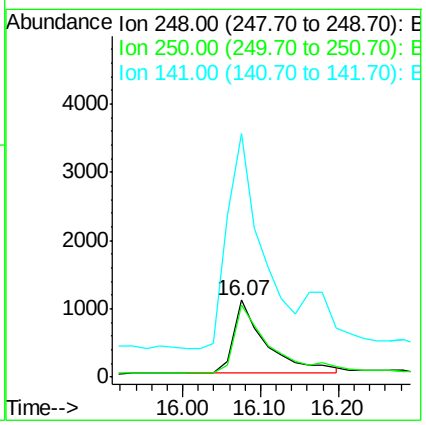


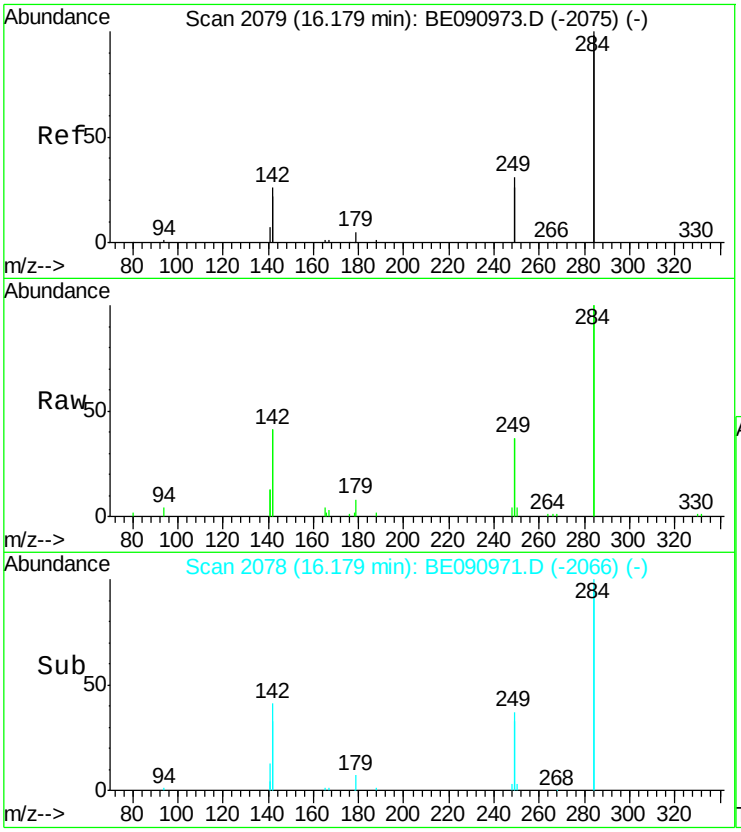


#20
4-Bromophenyl-phenylether
Concen: 0.18 ng
RT: 16.07 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:248 Resp: 3220

Ion	Ratio	Lower	Upper
248	100		
250	99.0	80.5	120.7
141	304.6	261.9	392.9



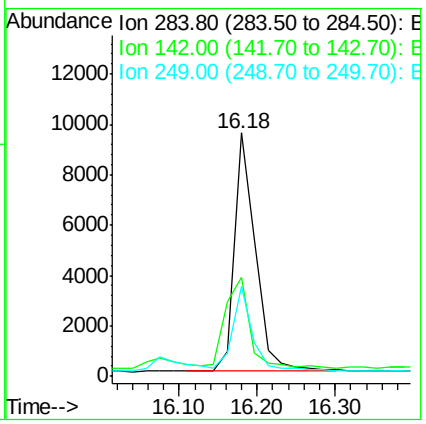


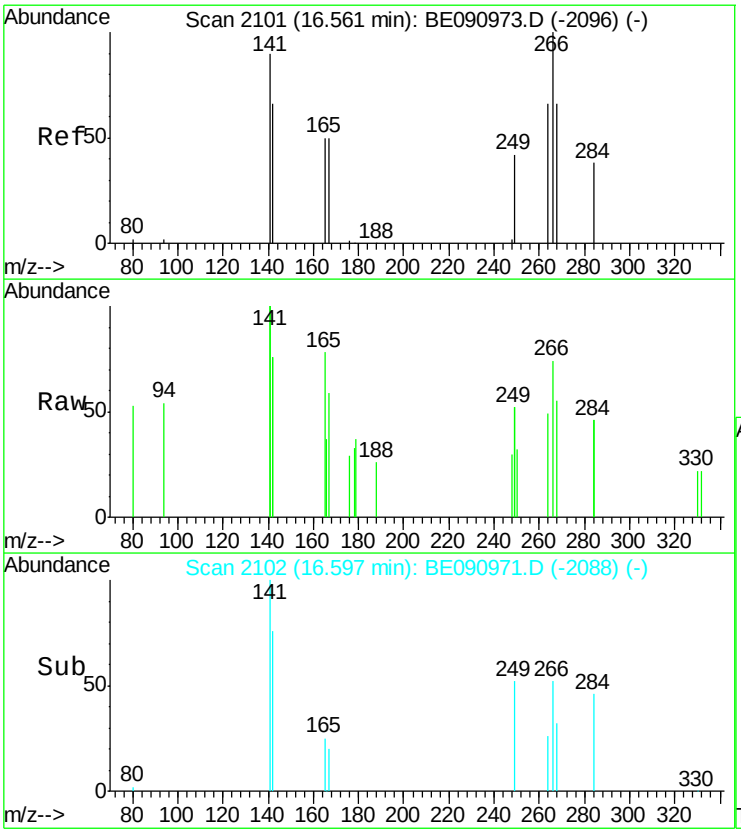
#21
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.18 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:284 Resp: 17839

Ion	Ratio	Lower	Upper
284	100		
142	43.4	32.2	48.2
249	32.5	25.4	38.2

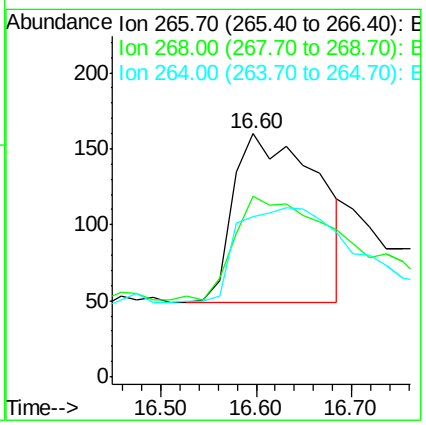


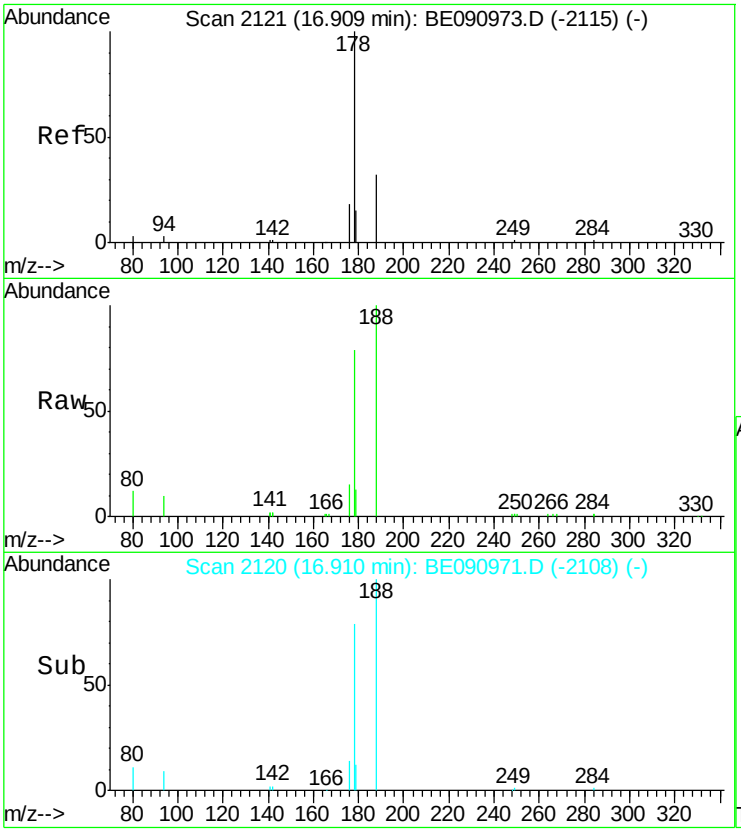


#22
Pentachlorophenol
Concen: 0.14 ng
RT: 16.60 min Scan# 2102
Delta R.T. 0.04 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:266 Resp: 682

Ion	Ratio	Lower	Upper
266	100		
268	74.4	58.2	87.2
264	65.6	56.2	84.4



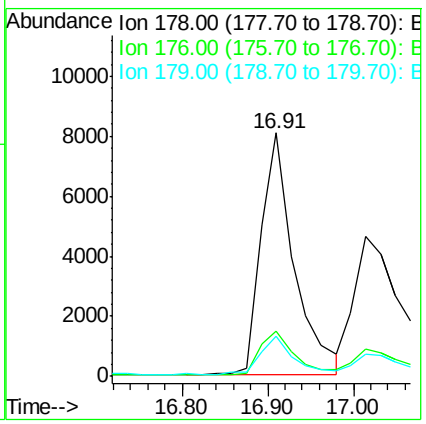


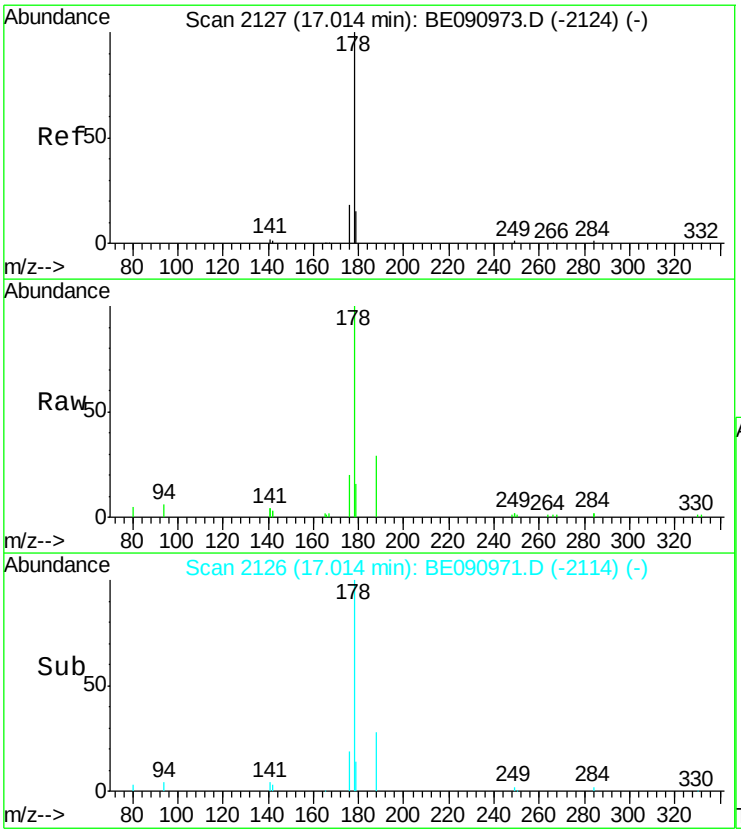
#23
Phenanthrene
Concen: 0.19 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 21721

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.9	12.6	18.8

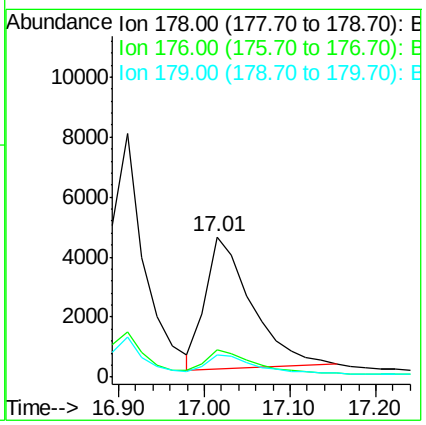


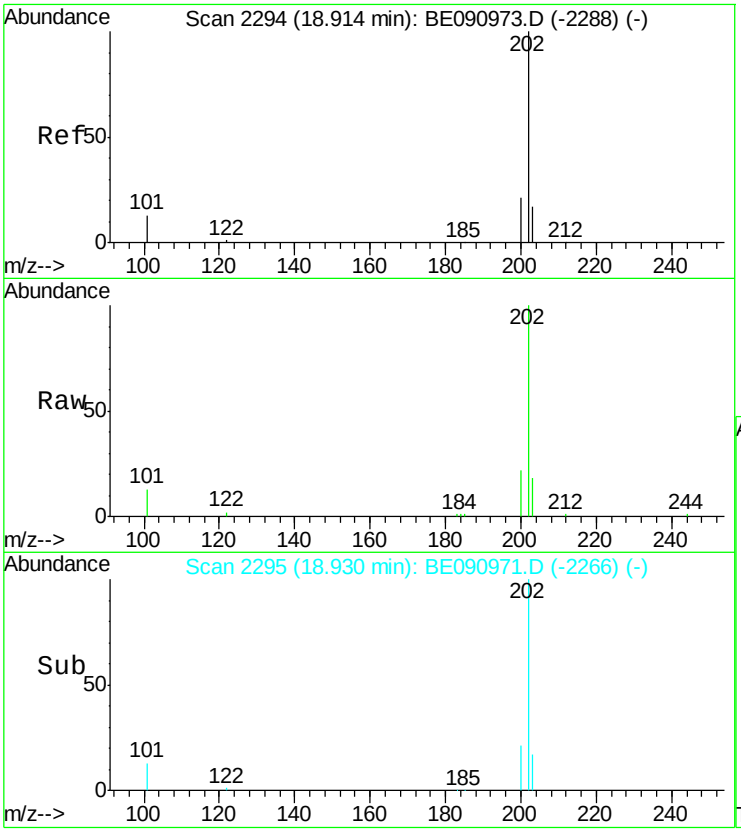


#24
Anthracene
Concen: 0.17 ng
RT: 17.01 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:178 Resp: 16552

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	14.5	11.8	17.6



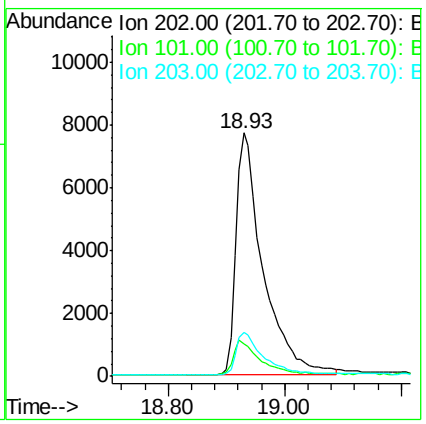


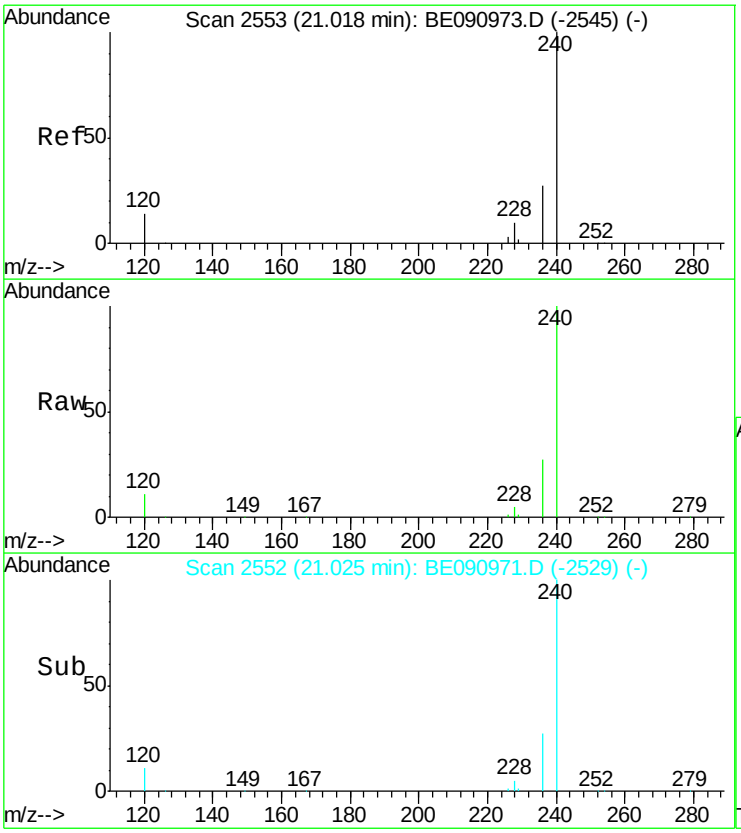
#25
Fluoranthene
Concen: 0.20 ng
RT: 18.93 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 24739

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.3	13.9	20.9

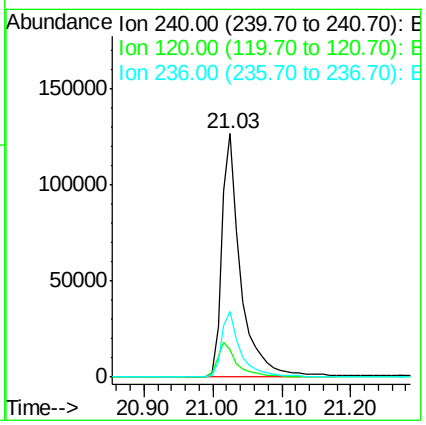


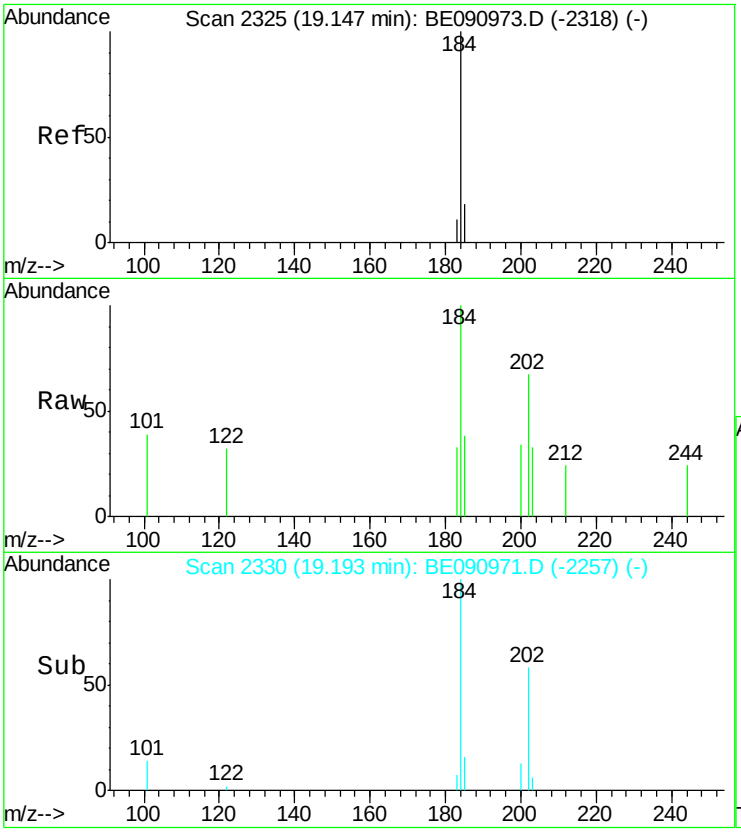


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:240 Resp: 241765

Ion	Ratio	Lower	Upper
240	100		
120	11.4	11.0	16.4
236	26.7	21.7	32.5



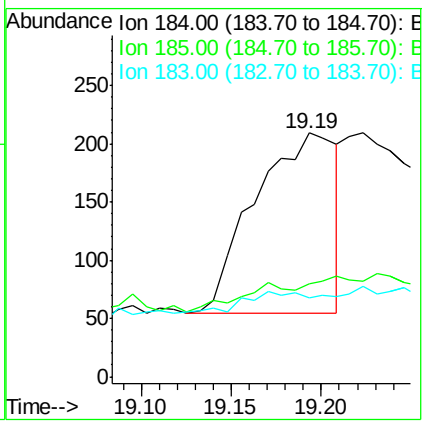


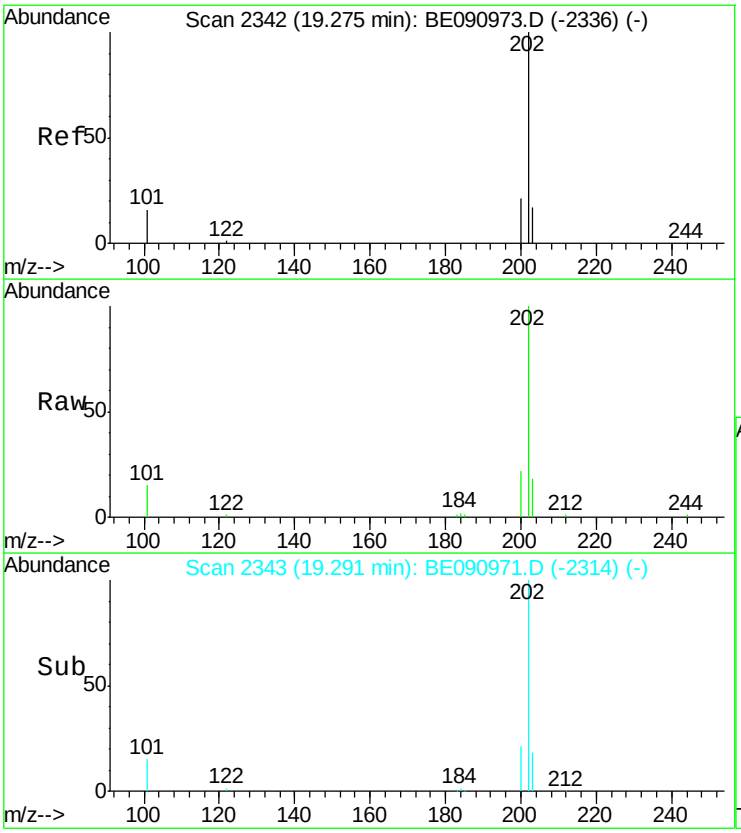
#27
Benzidine
Concen: 0.05 ng
RT: 19.19 min Scan# 2330
Delta R.T. 0.05 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 485

Ion	Ratio	Lower	Upper
184	100		
185	38.3	22.3	33.5#
183	32.5	16.4	24.6#

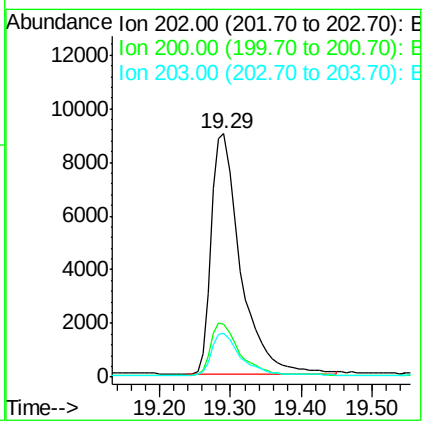


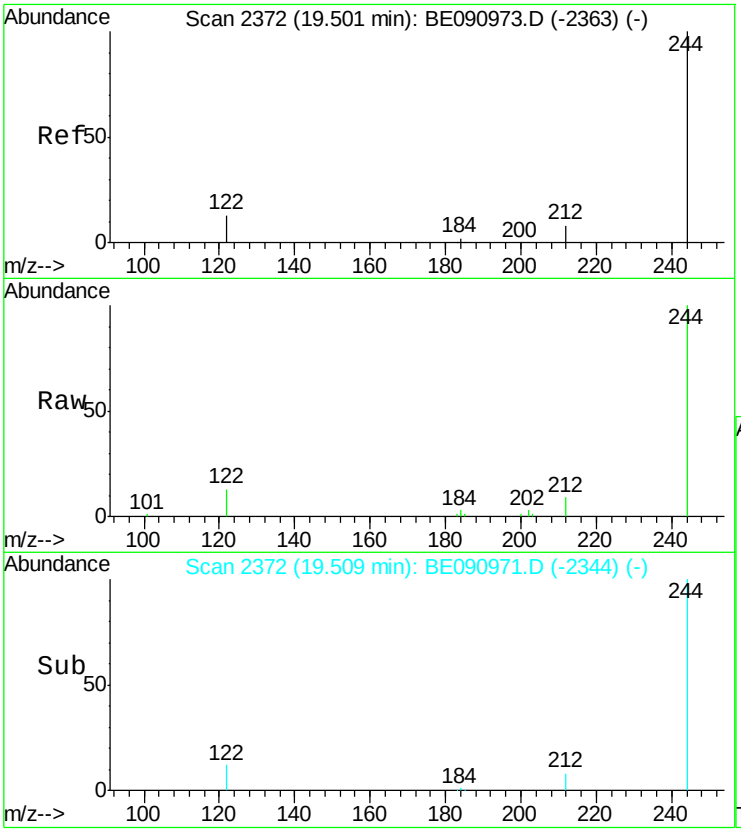


#28
Pyrene
Concen: 0.20 ng
RT: 19.29 min Scan# 2343
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:202 Resp: 25881

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	17.3	14.0	21.0



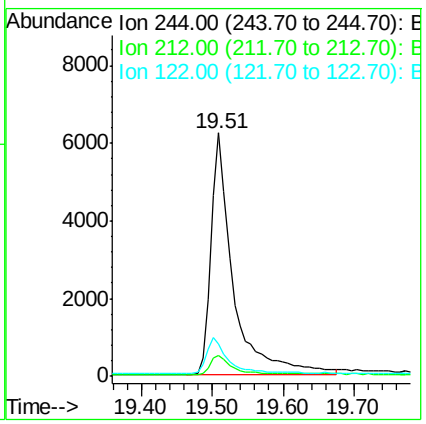


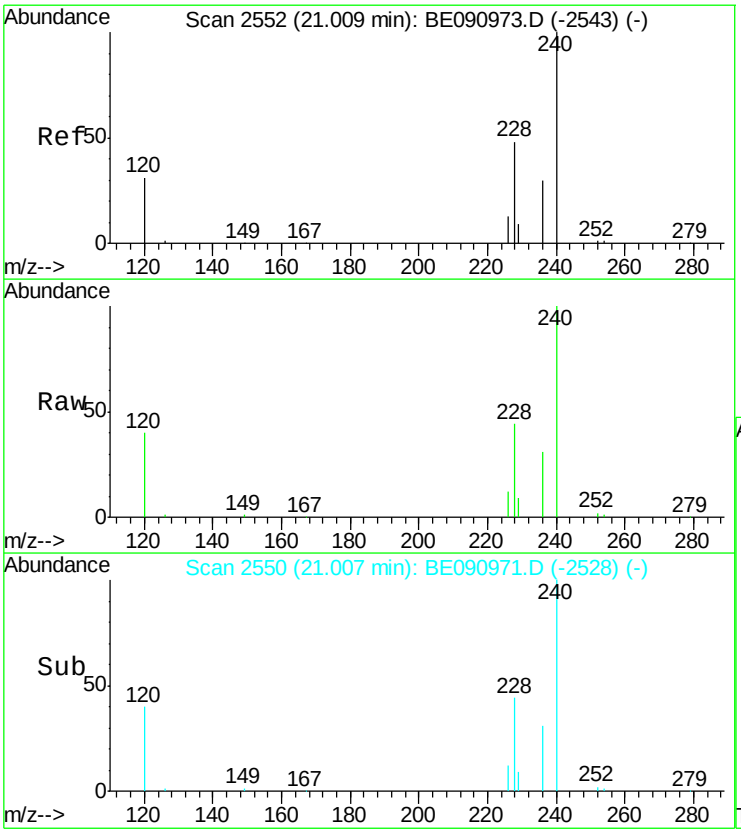
#29
Terphenyl-d14
Concen: 0.20 ng
RT: 19.51 min Scan# 2372
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 13507

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	13.5	11.0	16.4

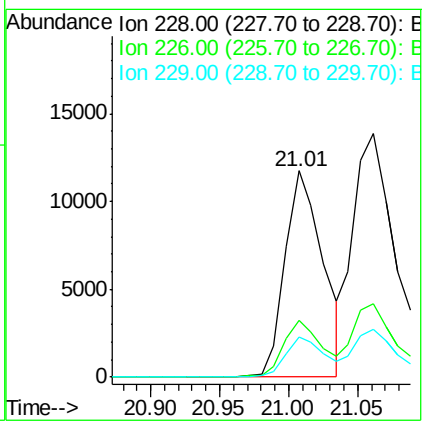


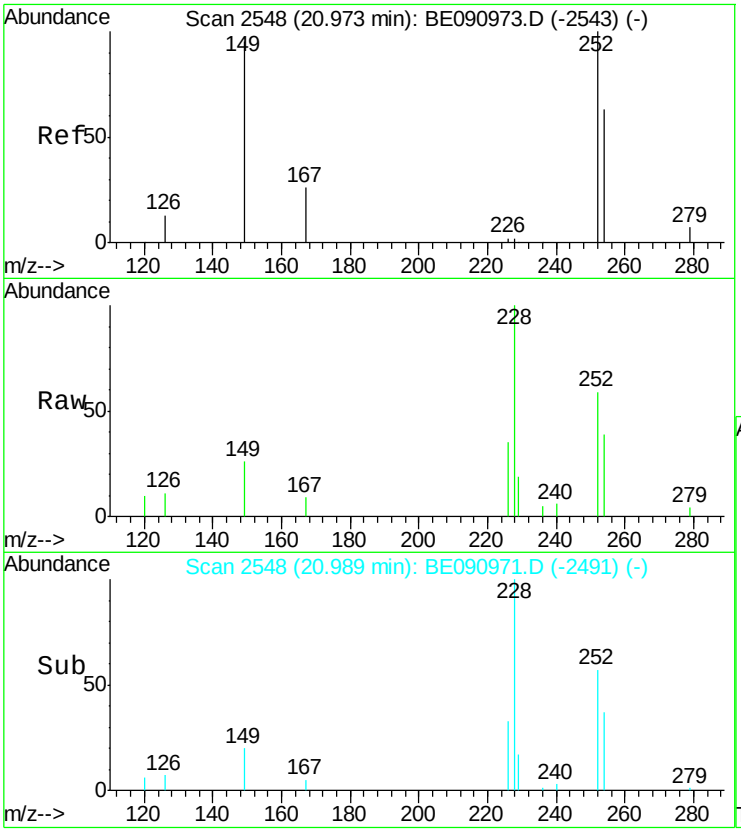


#30
Benzo(a)anthracene
Concen: 0.17 ng
RT: 21.01 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:228 Resp: 22372

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.4
229	19.6	15.7	23.5



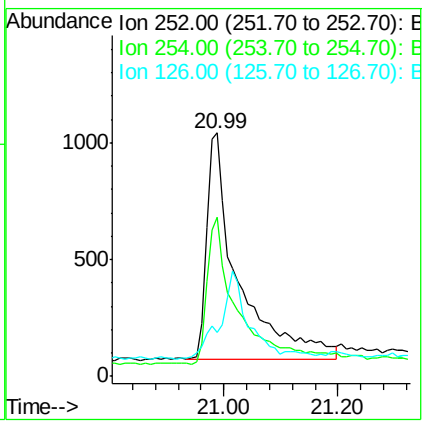


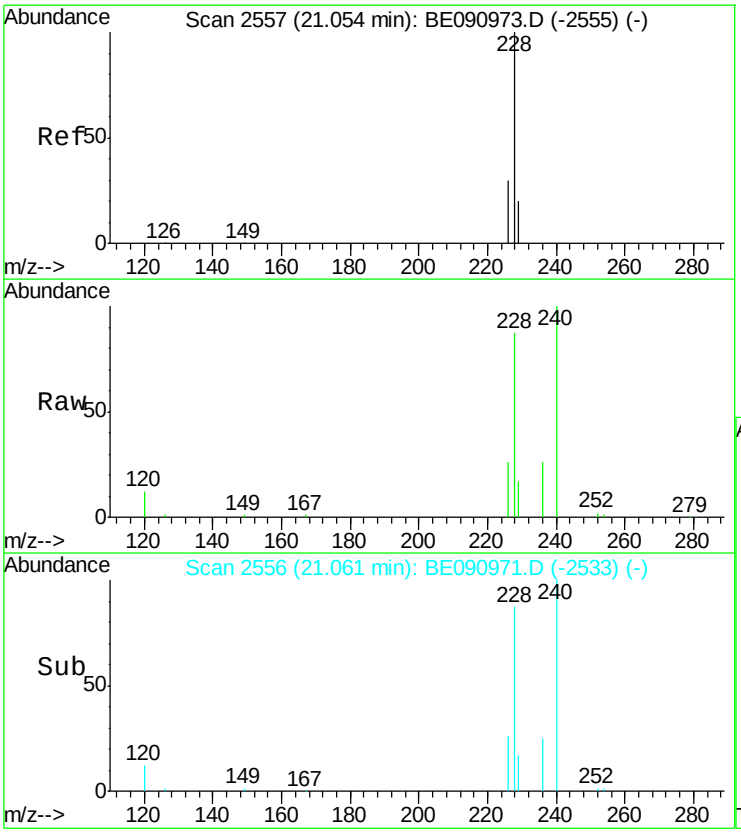
#31
3,3'-Dichlorobenzidine
Concen: 0.21 ng
RT: 20.99 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 3674

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.1	76.7
126	17.9	12.6	18.8

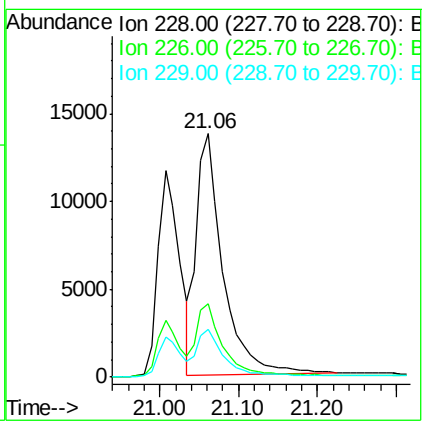


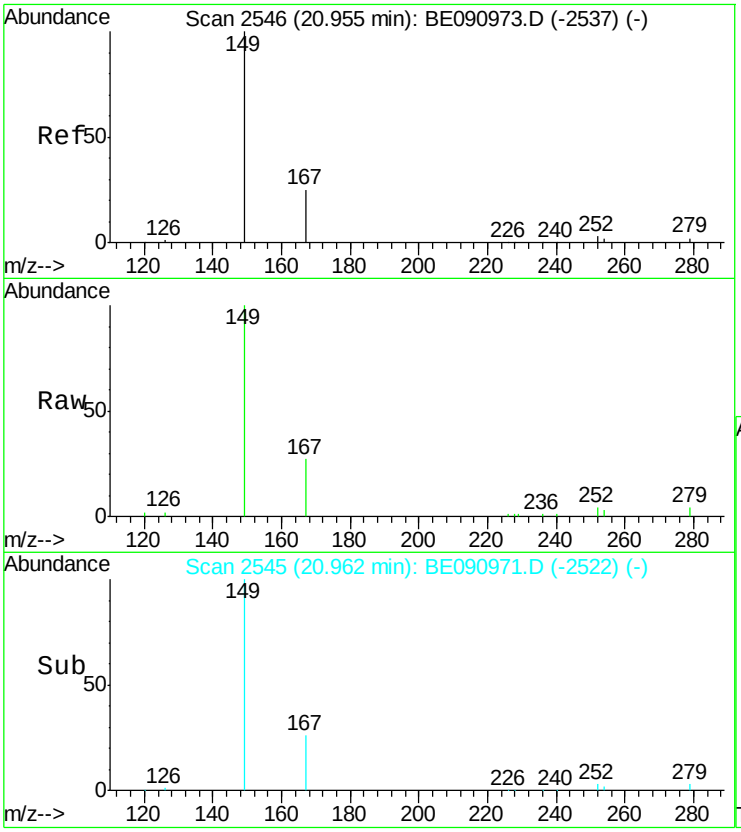


#32
Chrysene
Concen: 0.21 ng
RT: 21.06 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:228 Resp: 31959

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.5	15.9	23.9



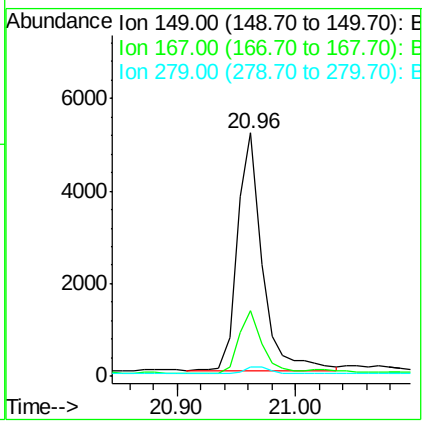


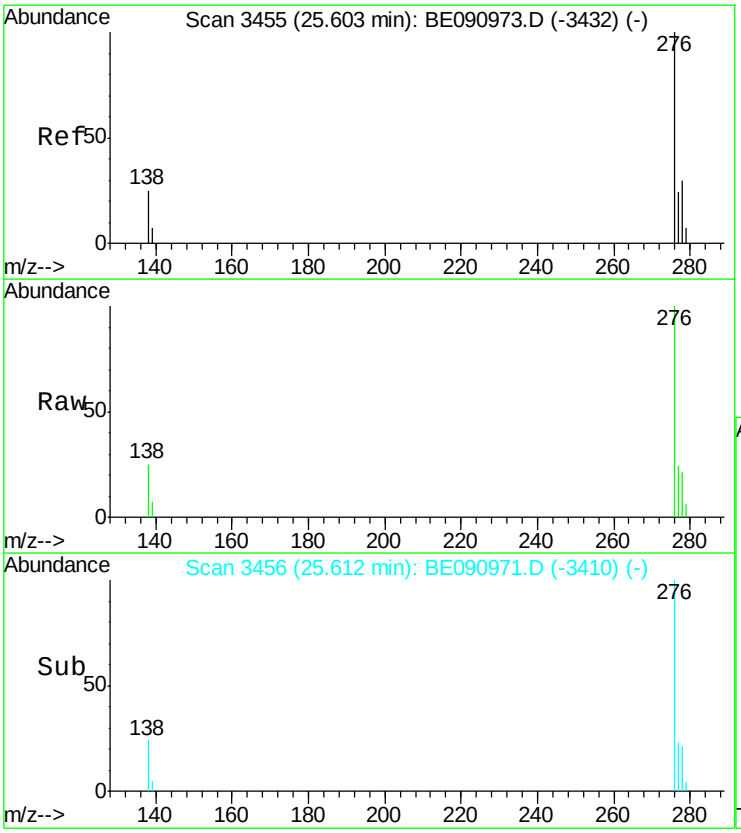
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 20.96 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:149 Resp: 7464

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.5	29.3
279	3.2	2.3	3.5

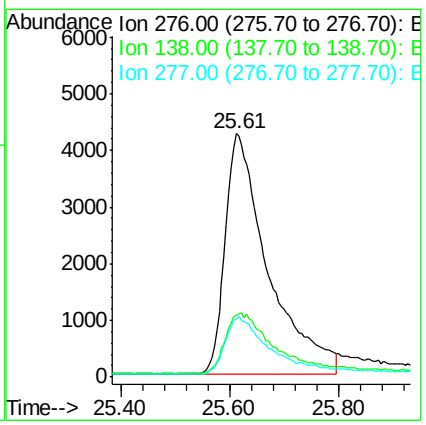


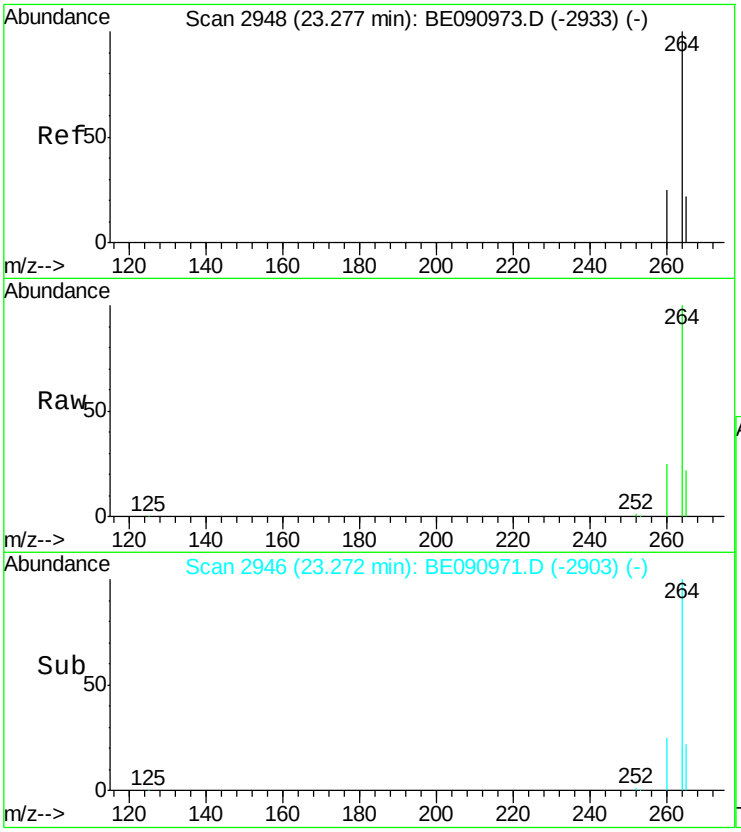


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 25.61 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:276 Resp: 23144

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.4	35.2
277	24.8	19.8	29.8



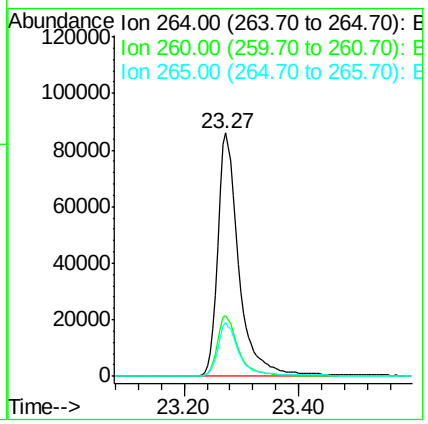


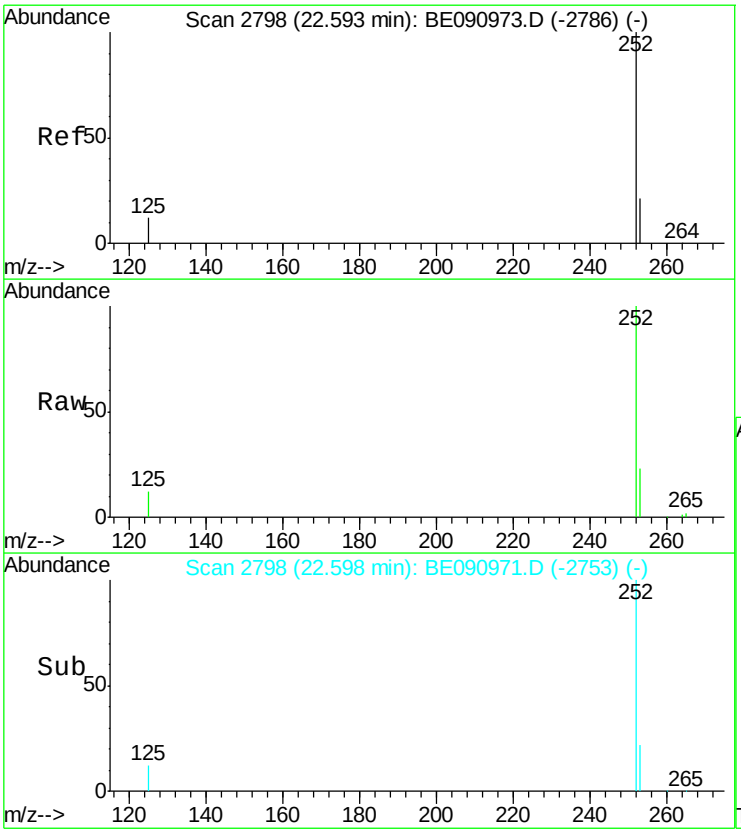
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.27 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 223792

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.1	17.5	26.3

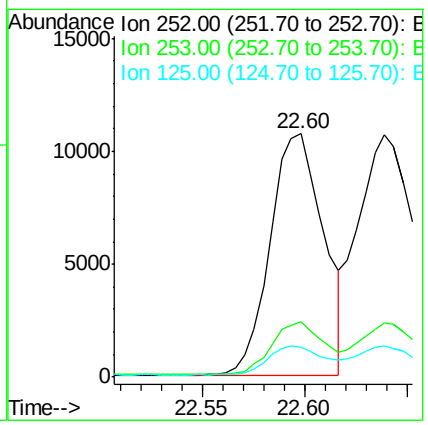


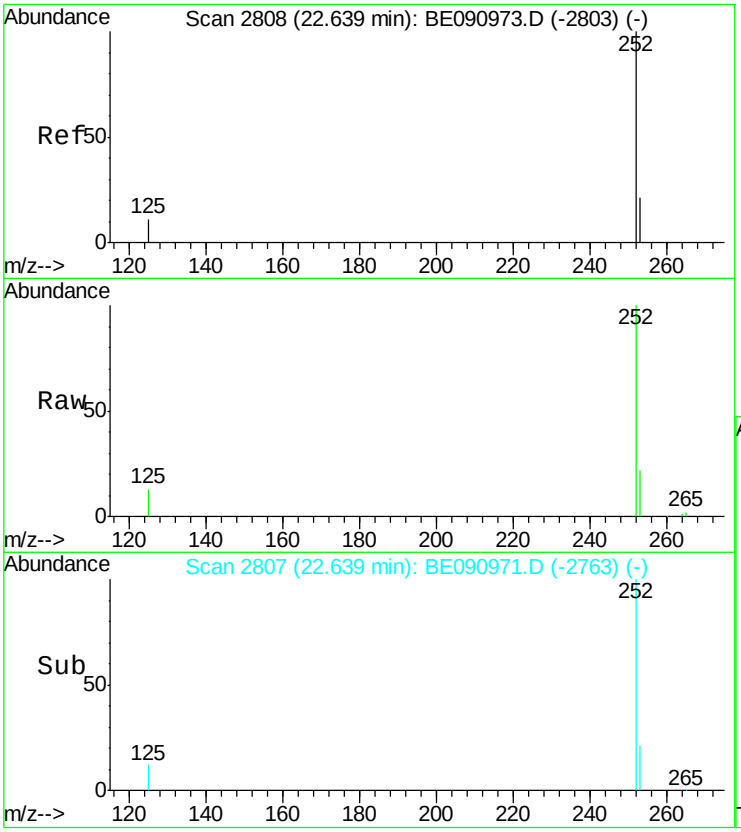


#36
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 22.60 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:252 Resp: 19364

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.4	10.2	15.2



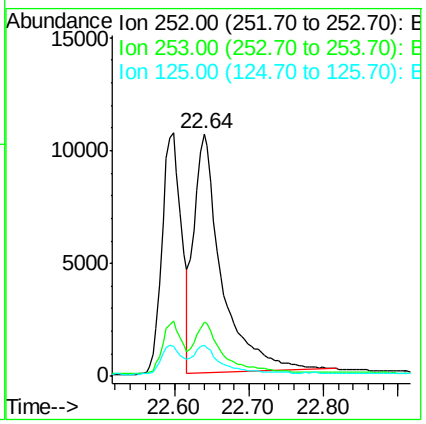


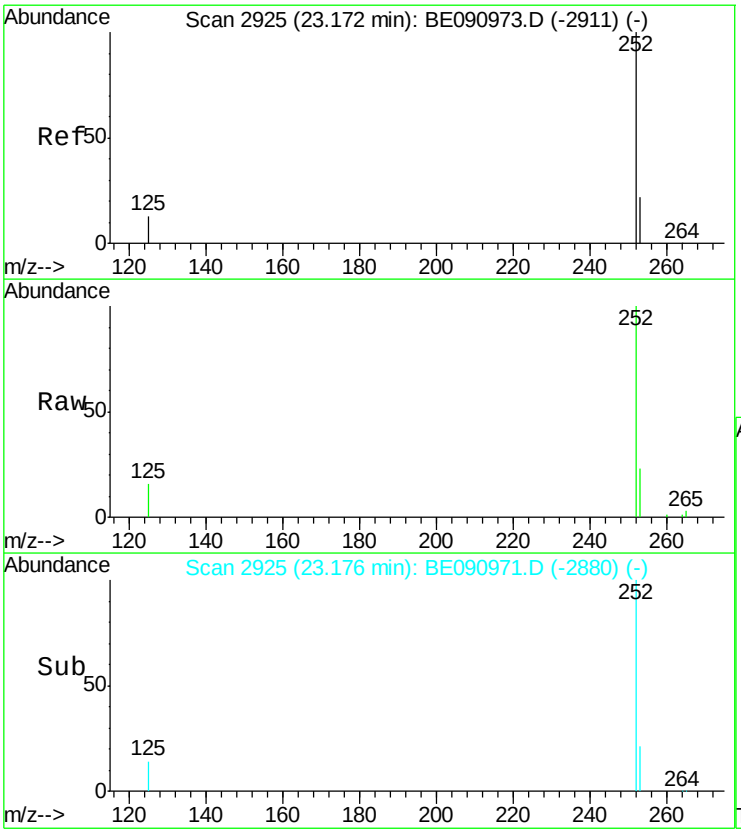
#37
Benzo(k)fluoranthene
Concen: 0.20 ng
RT: 22.64 min Scan# 2807
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 27380

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	12.8	9.9	14.9

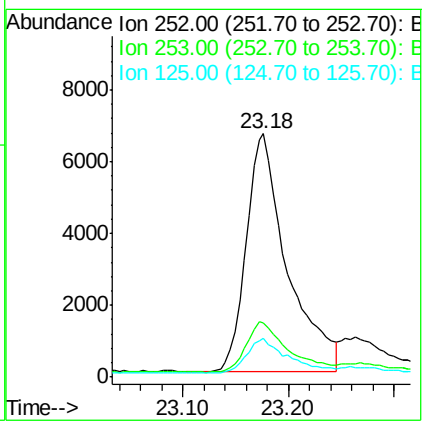


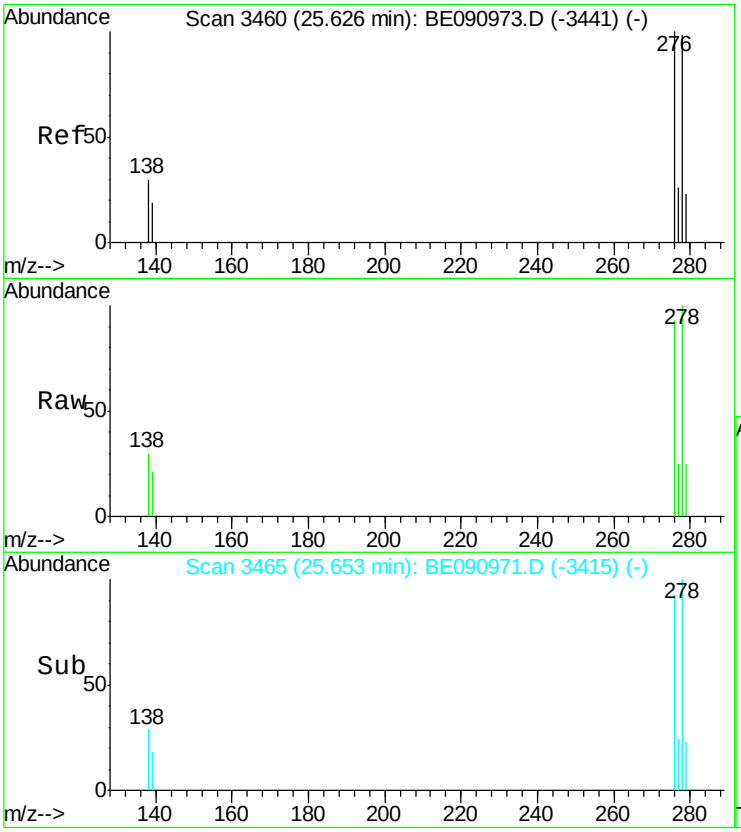


#38
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.18 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:252 Resp: 17839

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.7	11.0	16.4



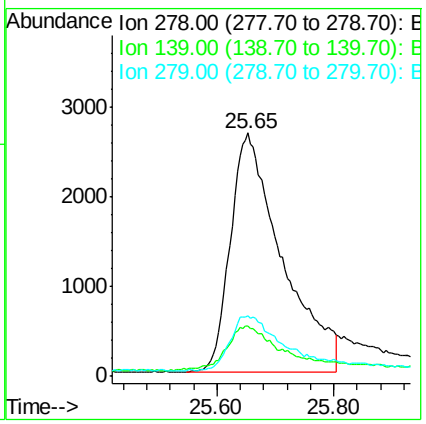


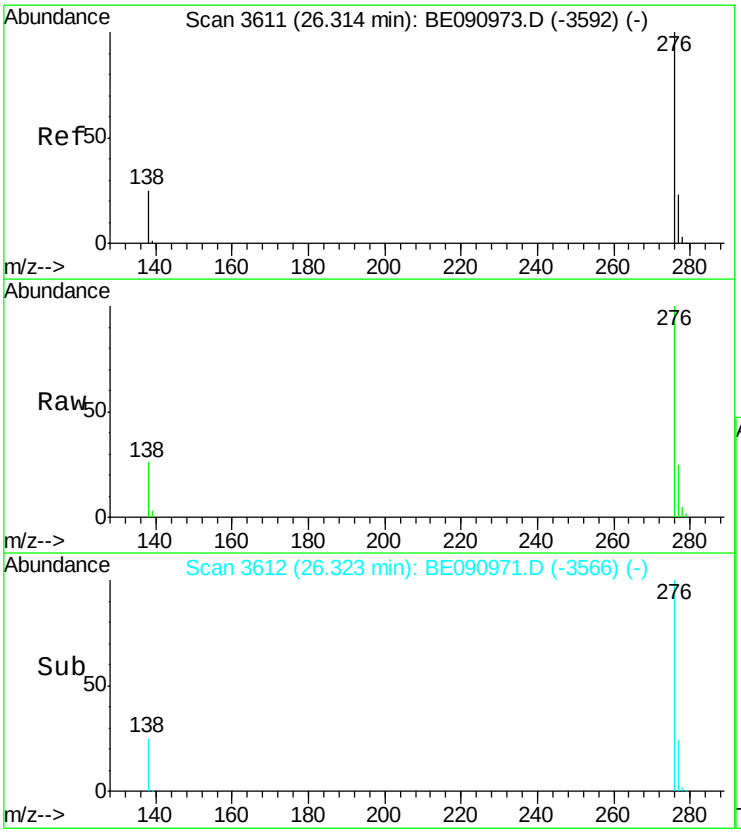
#39
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 25.65 min Scan# 3465
Delta R.T. 0.03 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 16296

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.0	24.0
279	25.0	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.19 ng
RT: 26.32 min Scan# 3612
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:276 Resp: 20135

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	26.5	20.4	30.6