Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090323.D
Acq On : 3 Aug 2015 23:36
Operator : TP/UM
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Aug 04 01:37:37 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:38:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	13561	5.00	ng		0.00
6) Naphthalene-d8	10.35	136	59862	5.00	ng		0.00
12) Acenaphthene-d10	14.21	164	30762	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	64978	5.00	ng		0.00
25) Chrysene-d12	21.11	240	64094	5.00	ng		0.00
32) Perylene-d12	23.42	264	53040	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	13451	5.12	ng		0.00
5) Phenol-d6	6.78	99	17506	5.67	ng		0.00
7) Nitrobenzene-d5	8.73	82	19243	5.26	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2671	7.32	ng		-0.02
14) 2-Fluorobiphenyl	12.83	172	42480	4.79	ng		0.00
27) Terphenyl-d14	19.57	244	57128	4.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	7797	3.90	ng		90
3) n-Nitrosodimethylamine	3.50	42	11733	5.07	ng	#	98
8) Nitrobenzene	8.77	77	20107	5.51	ng		94
9) Naphthalene	10.40	128	58958	4.60	ng		97
10) Hexachlorobutadiene	10.69	225	7431	4.27	ng		99
11) 2-Methylnaphthalene	12.01	142	38541	4.82	ng		99
15) Acenaphthylene	13.92	152	256572	4.81	ng		99
16) Acenaphthene	14.27	154	36353	4.70	ng		95
17) Fluorene	15.26	166	45854	4.95	ng		99
19) 4-Bromophenyl-phenylether	16.16	248	11592	4.69	ng		93
20) Hexachlorobenzene	16.27	284	42044	4.54	ng		97
21) Pentachlorophenol	16.61	266	3247	7.65	ng	#	77
22) Phenanthrene	17.00	178	69577	4.72	ng		99
23) Anthracene	17.08	178	69080	5.27	ng		99
24) Fluoranthene	18.99	202	75272	5.11	ng		100
26) Pyrene	19.36	202	78766	4.19	ng		99
28) Benzo(a)anthracene	21.09	228	61330	6.00	ng		96
29) Chrysene	21.14	228	70752	3.73	ng		99
30) Bis(2-ethylhexyl)phthalate	21.04	149	29225	7.45	ng		97
31) Indeno(1,2,3-cd)pyrene	25.82	276	45085	10.94	ng	#	81
33) Benzo(b)fluoranthene	22.72	252	45864	9.54	ng	#	90
34) Benzo(k)fluoranthene	22.76	252	65497	5.15	ng	#	93
35) Benzo(a)pyrene	23.32	252	42398	7.65	ng	#	86
36) Dibenzo(a,h)anthracene	25.84	278	32717	11.94	ng	#	72
37) Benzo(g,h,i)perylene	26.55	276	45379	7.70	ng	#	86

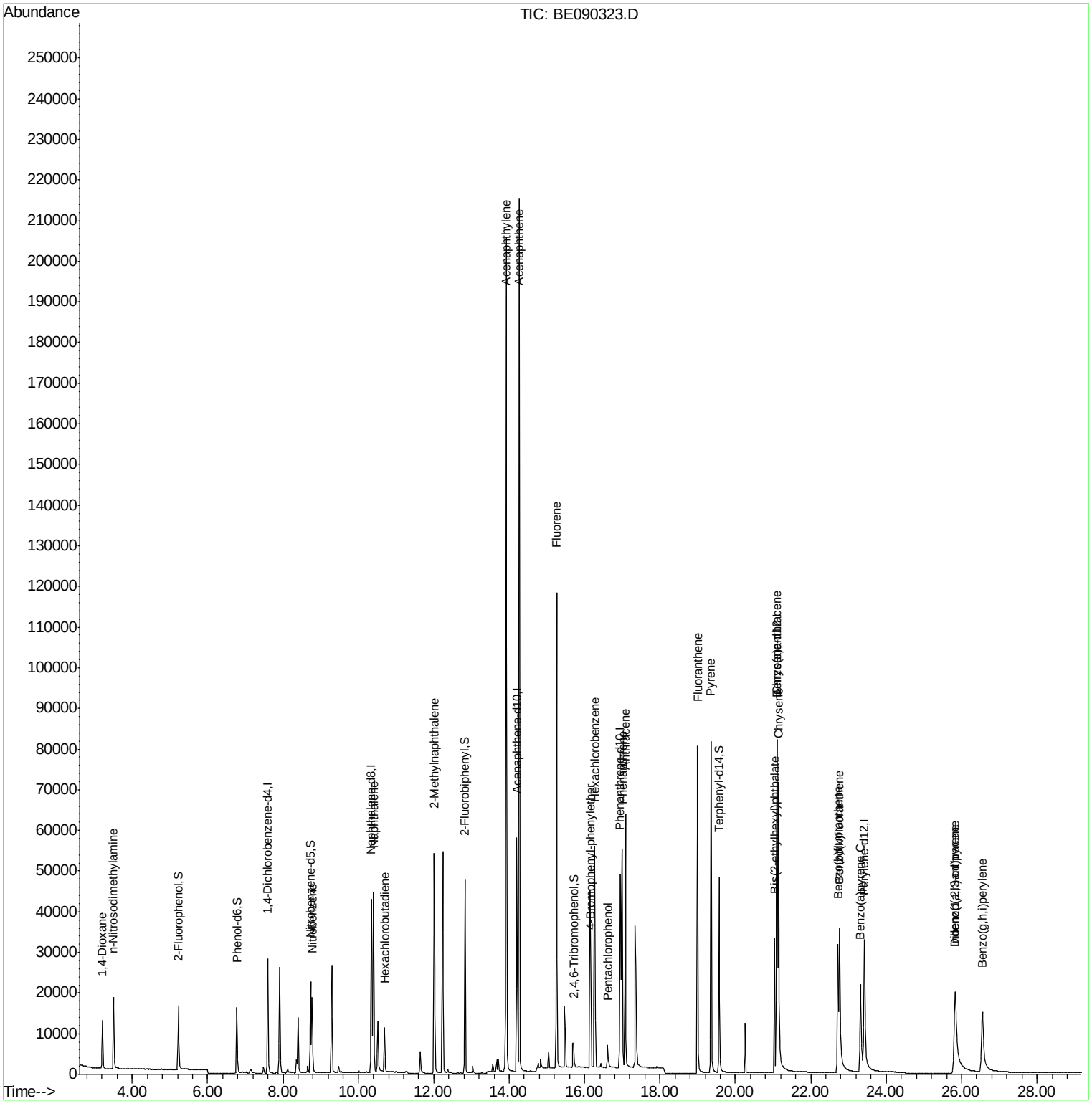
(#) = qualifier out of range (m) = manual integration (+) = signals summed

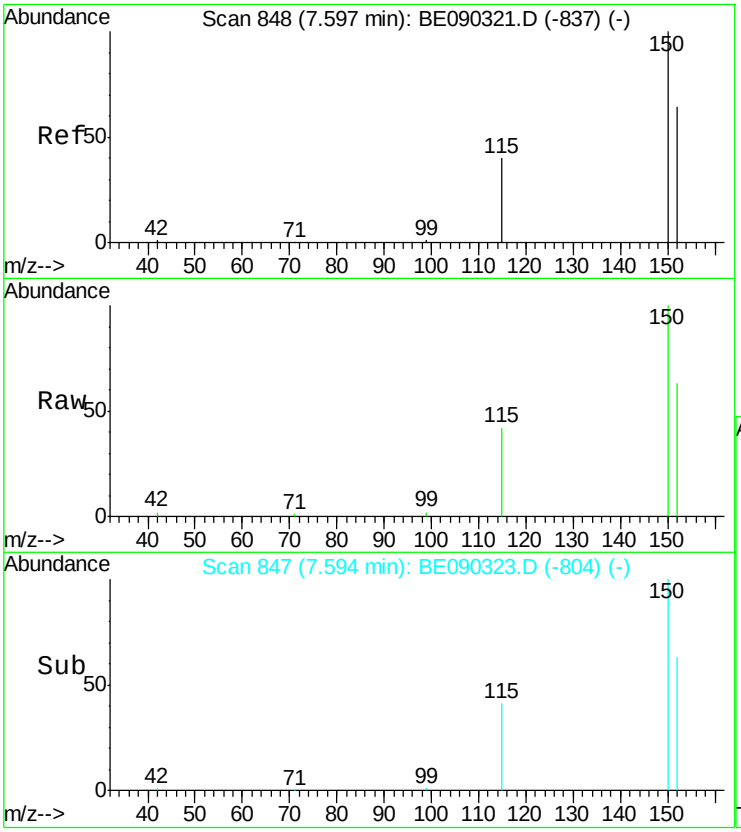
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090323.D
Acq On : 3 Aug 2015 23:36
Operator : TP/UM
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Quant Time: Aug 04 01:37:37 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:38:34 2015
Response via : Initial Calibration



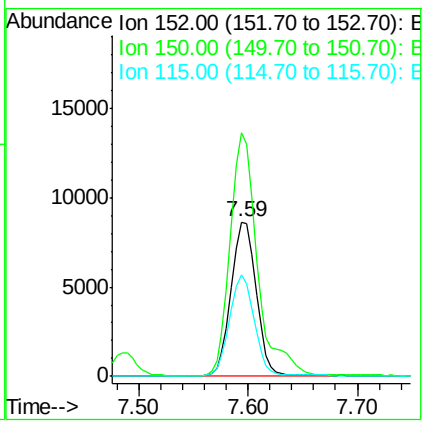


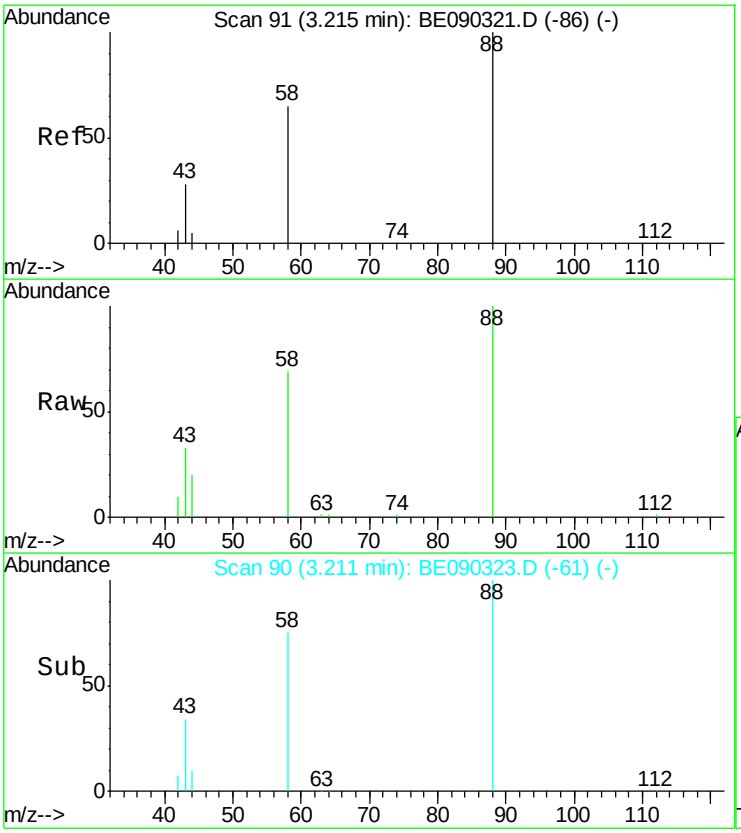
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 13561

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	65.7	50.4	75.6

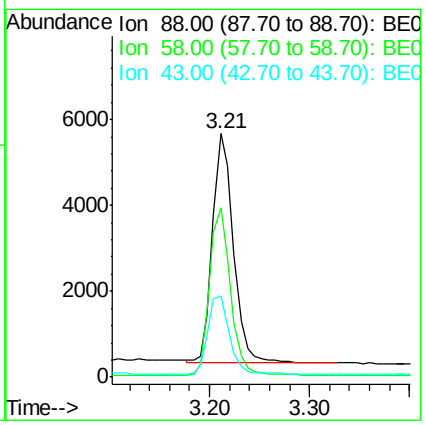


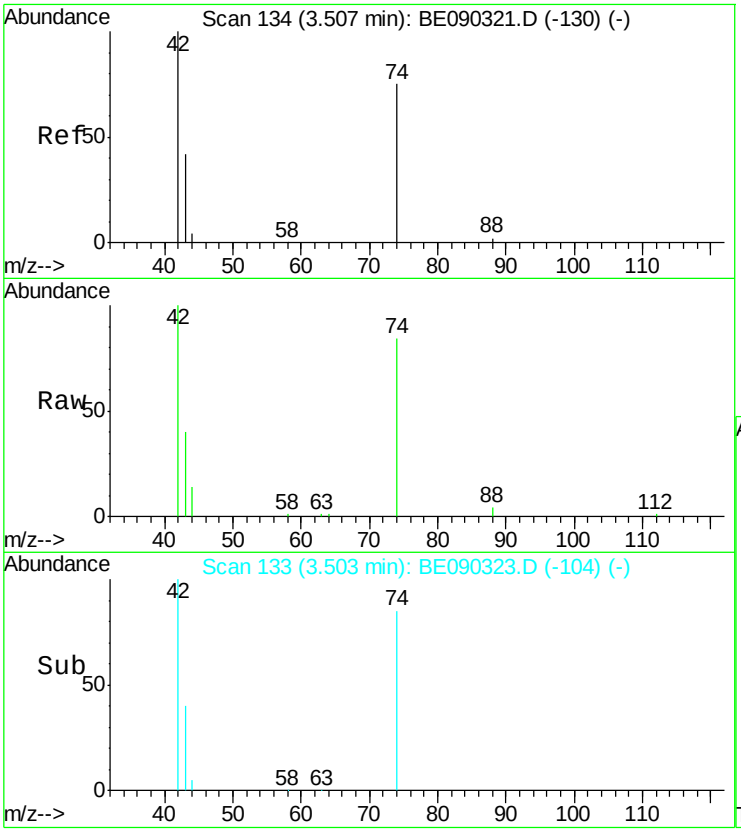


#2
1,4-Dioxane
Concen: 3.90 ng
RT: 3.21 min Scan# 90
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion: 88 Resp: 7797

Ion	Ratio	Lower	Upper
88	100		
58	71.9	50.2	75.2
43	34.4	25.0	37.6



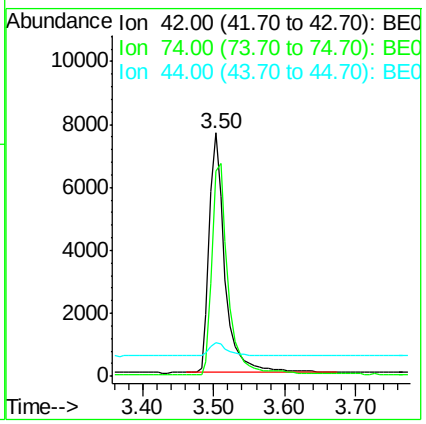


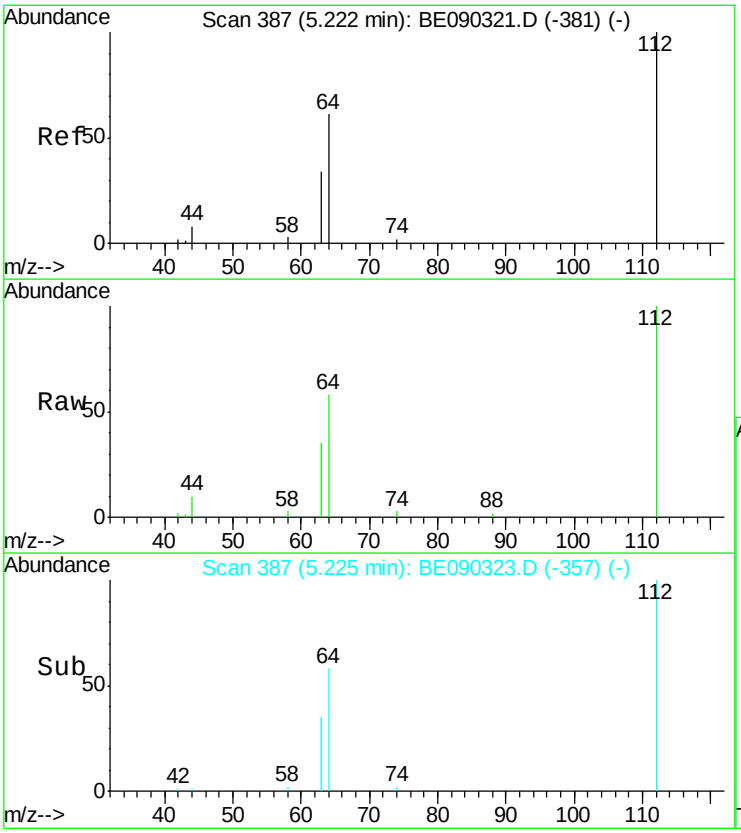
#3
n-Nitrosodimethylamine
Concen: 5.07 ng
RT: 3.50 min Scan# 133
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 11733

Ion	Ratio	Lower	Upper
42	100		
74	93.2	73.2	109.8
44	6.1	3.8	5.6#

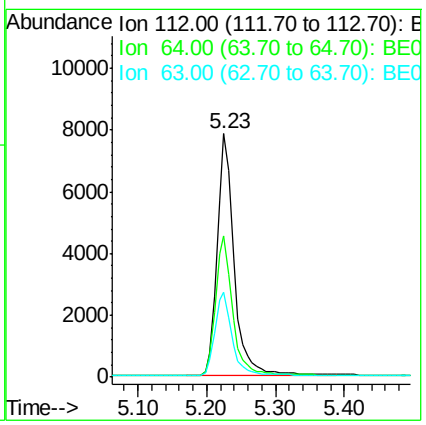


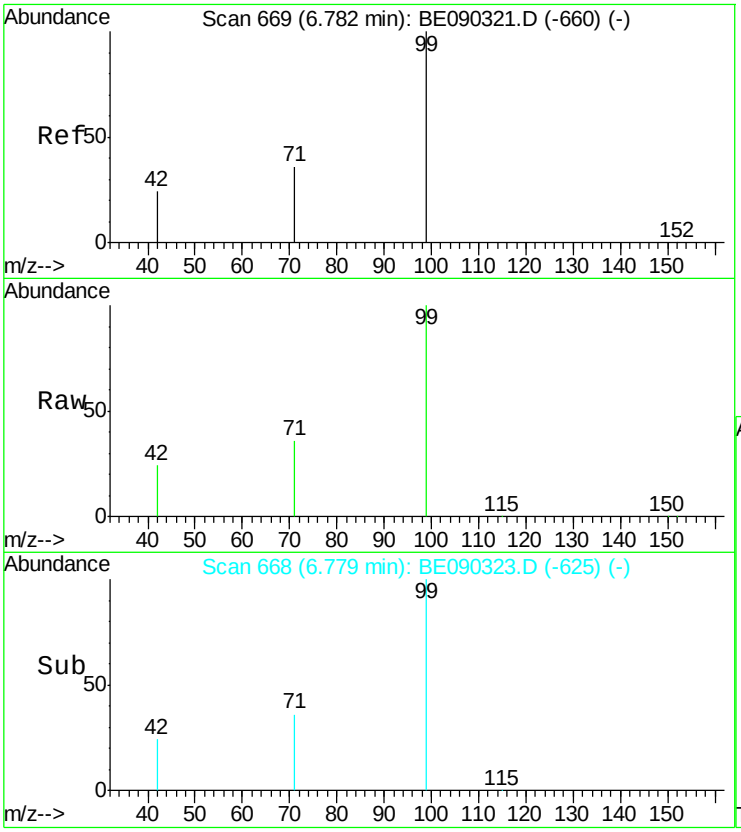


#4
2-Fluorophenol
Concen: 5.12 ng
RT: 5.23 min Scan# 387
Delta R.T. 0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:112 Resp: 13451

Ion	Ratio	Lower	Upper
112	100		
64	58.3	49.0	73.4
63	35.3	27.7	41.5



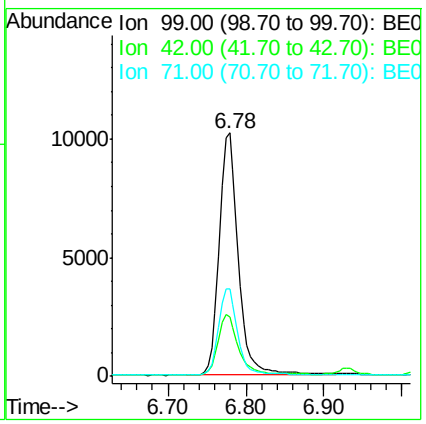


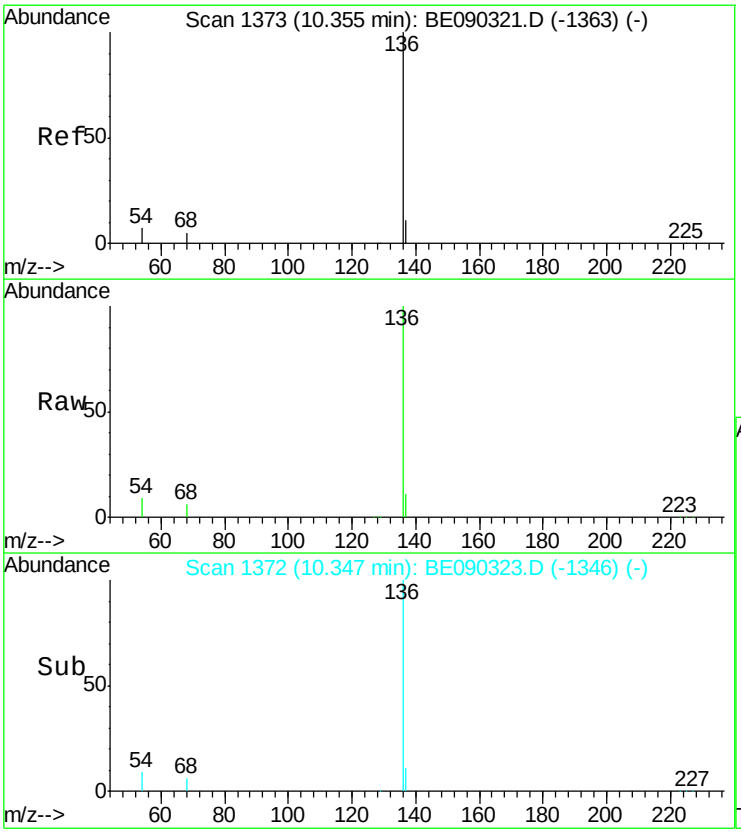
#5
Phenol-d6
Concen: 5.67 ng
RT: 6.78 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 17506

Ion	Ratio	Lower	Upper
99	100		
42	26.2	22.2	33.2
71	35.9	29.2	43.8

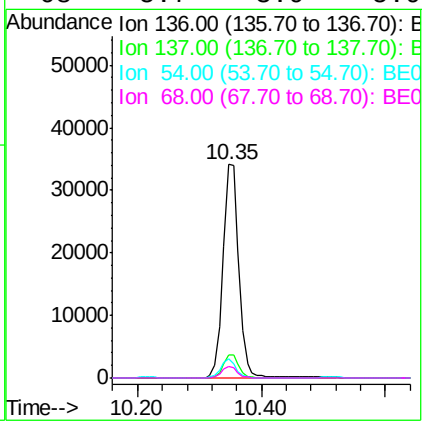


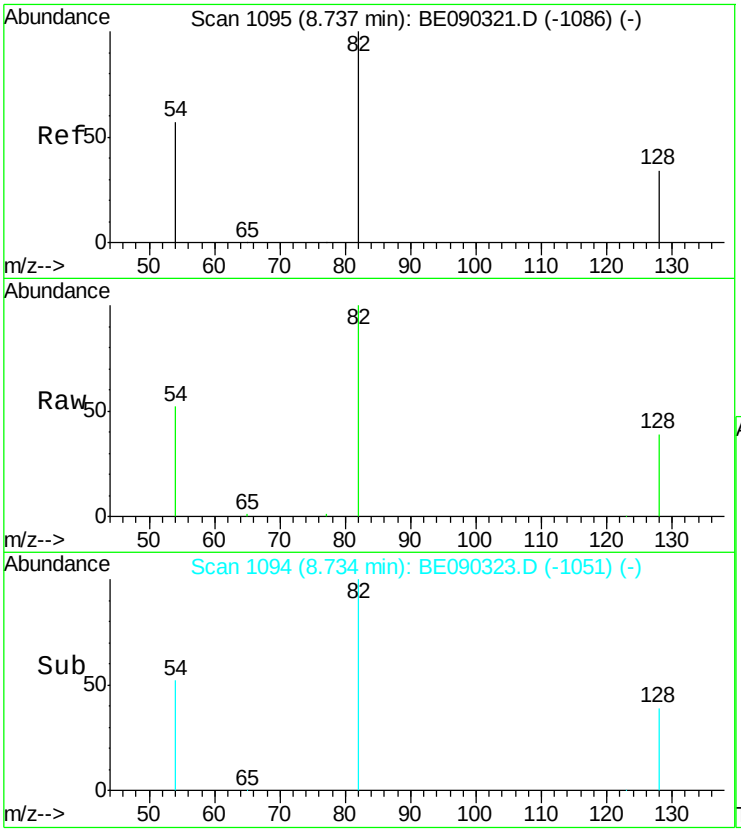


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.35 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:136 Resp: 59862

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.0	9.0
68	5.7	3.9	5.9



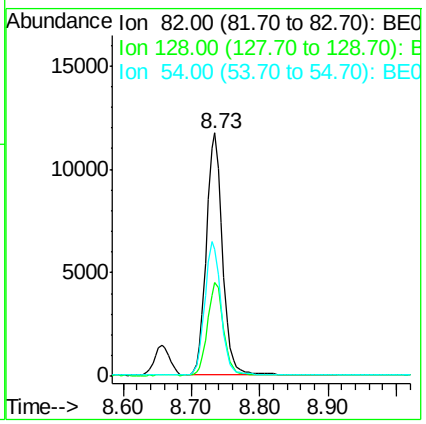


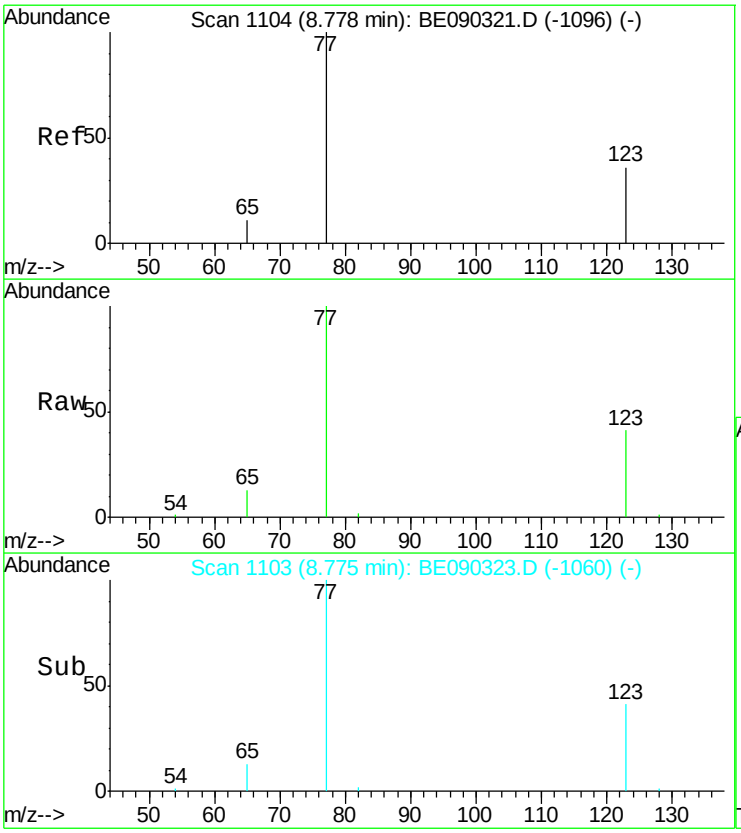
#7
Nitrobenzene-d5
Concen: 5.26 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 19243

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.8	46.2
54	52.5	47.5	71.3

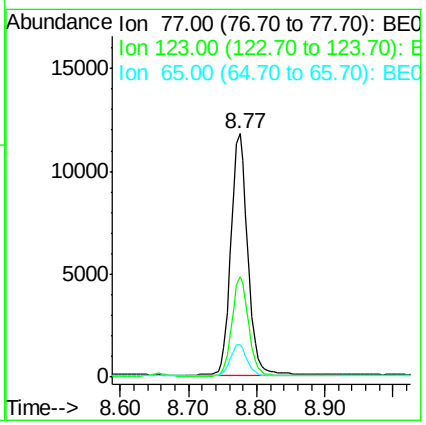


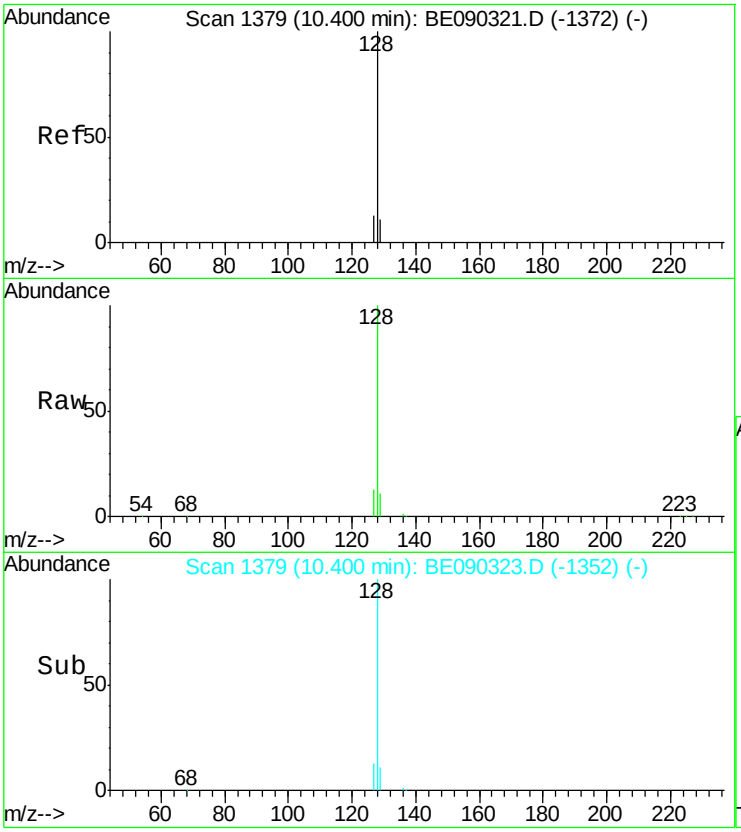


#8
Nitrobenzene
Concen: 5.51 ng
RT: 8.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion: 77 Resp: 20107

Ion	Ratio	Lower	Upper
77	100		
123	41.3	29.6	44.4
65	13.2	10.4	15.6



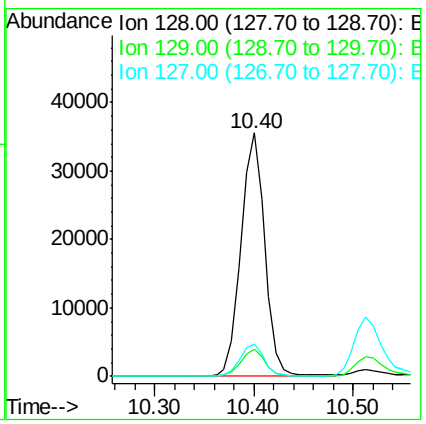


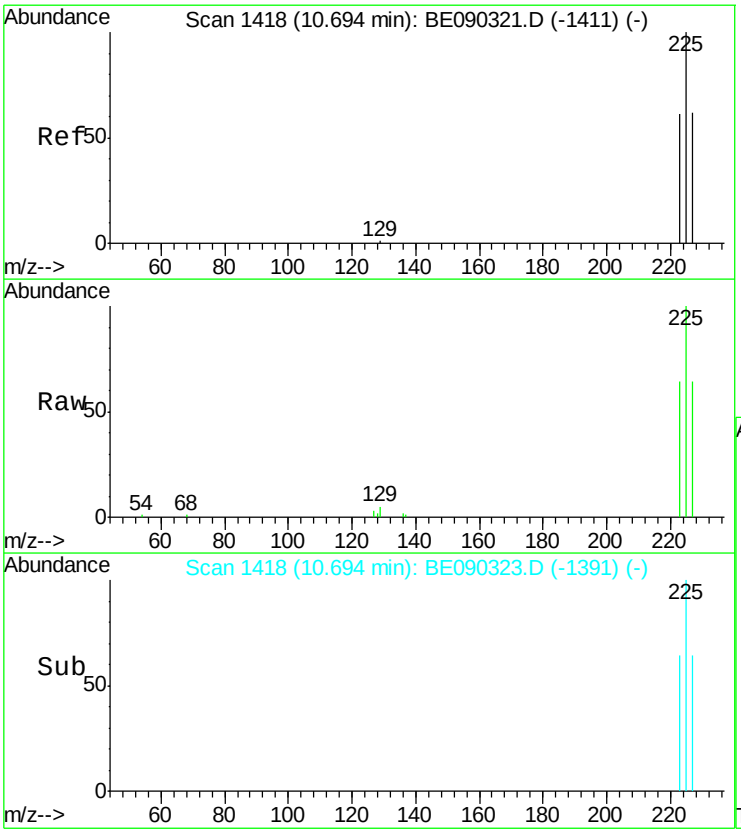
#9
Naphthalene
Concen: 4.60 ng
RT: 10.40 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 58958

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.1	15.1
127	13.1	11.3	16.9

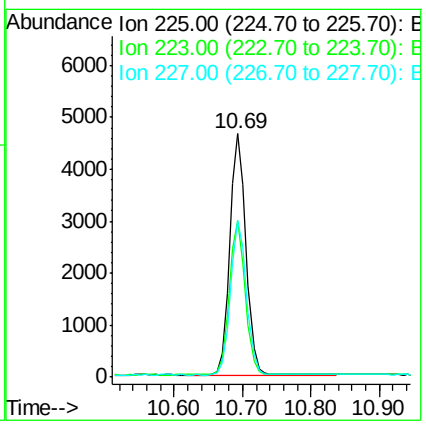


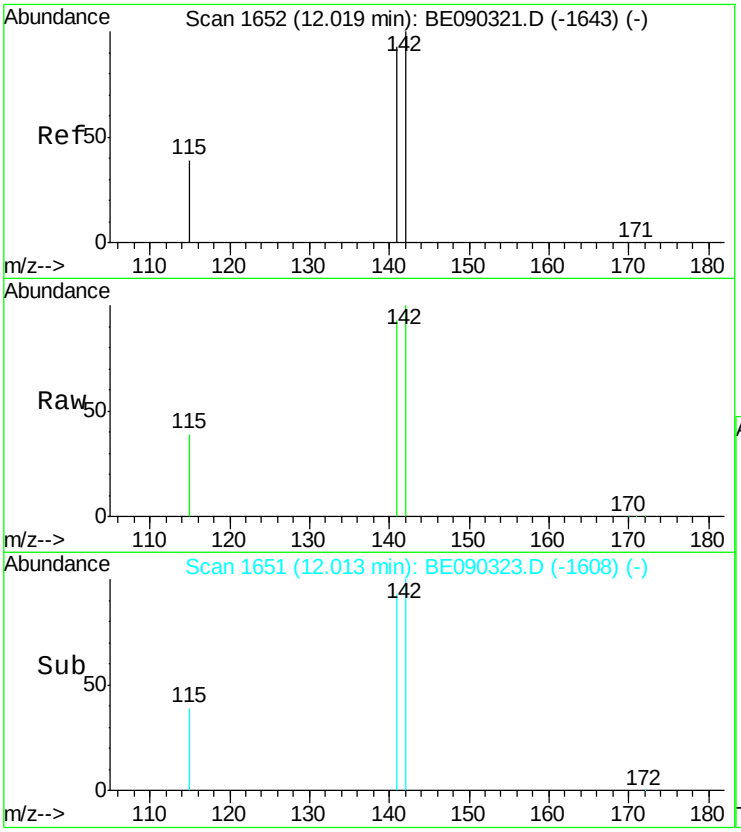


#10
Hexachlorobutadiene
Concen: 4.27 ng
RT: 10.69 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:225 Resp: 7431

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	63.7	49.6	74.4



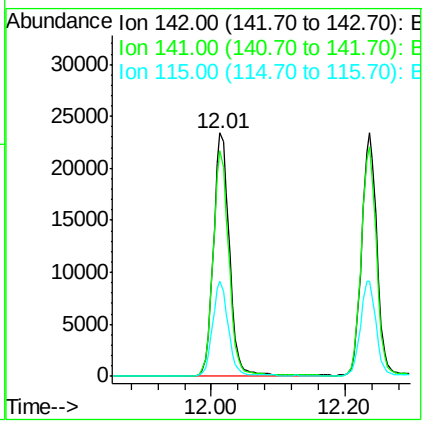


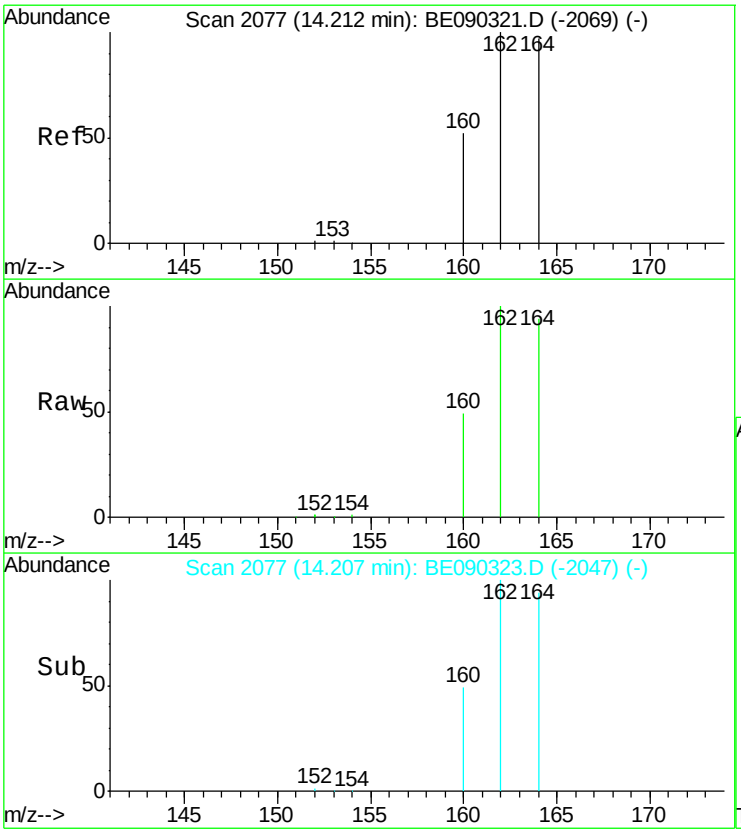
#11
2-Methylnaphthalene
Concen: 4.82 ng
RT: 12.01 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 38541

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.6	112.0
115	39.2	32.6	49.0

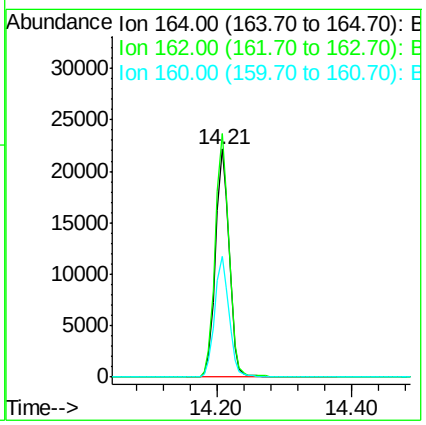


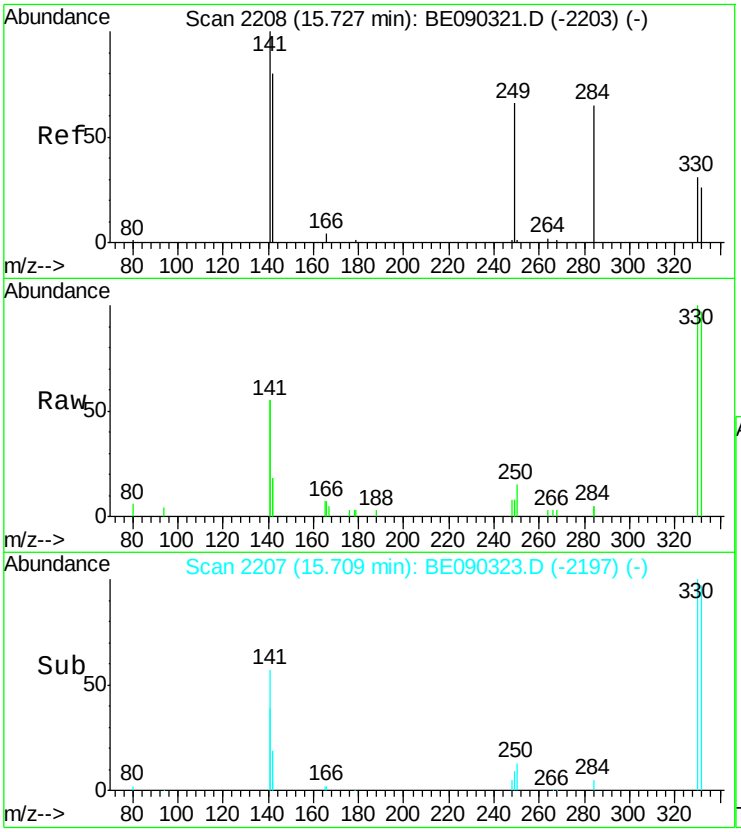


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:164 Resp: 30762

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.7	124.1
160	52.9	43.0	64.6



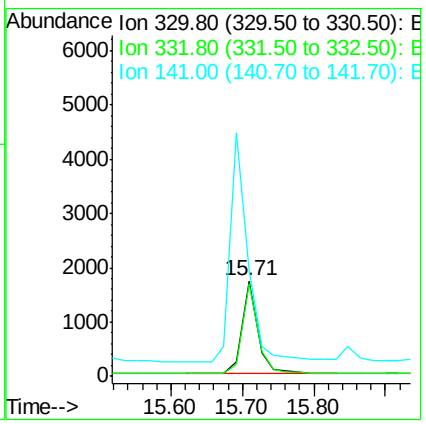


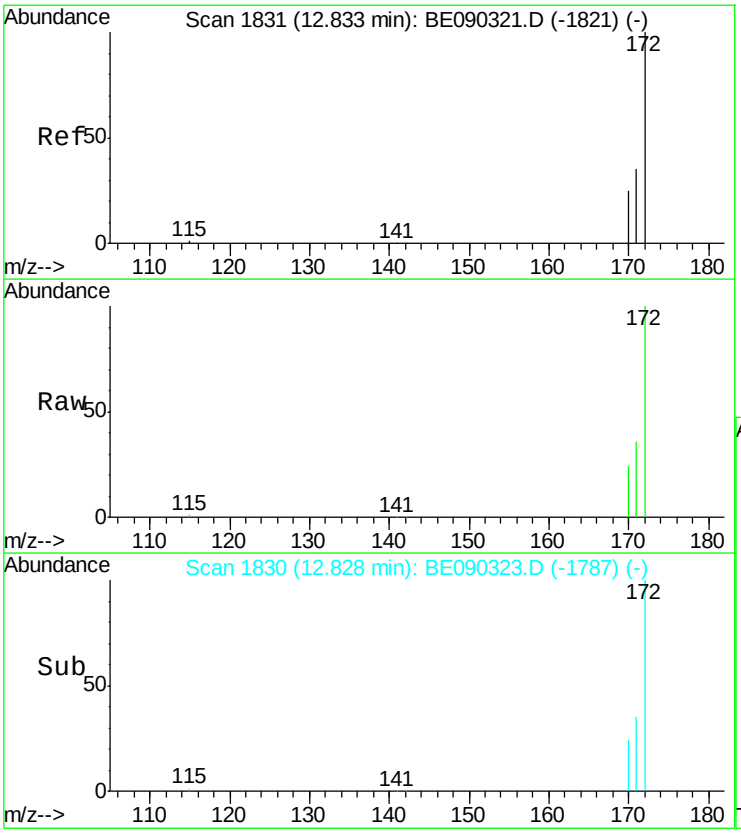
#13
2,4,6-Tribromophenol
Concen: 7.32 ng
RT: 15.71 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 2671

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.4	119.0
141	266.0	245.9	368.9

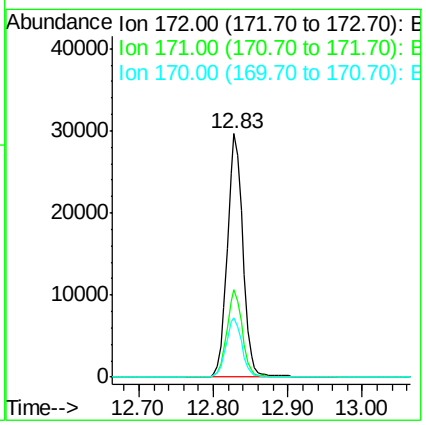


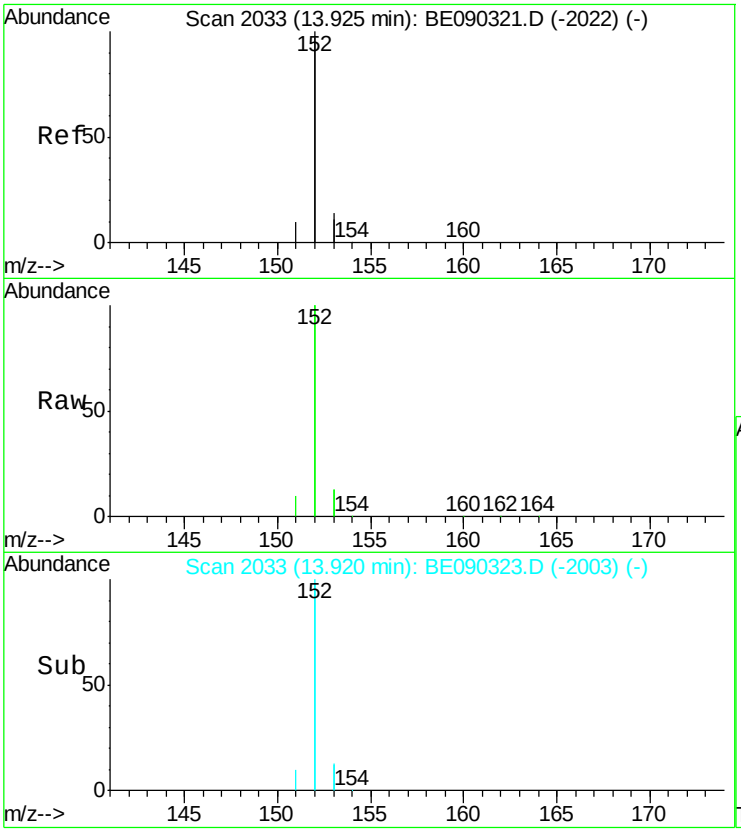


#14
2-Fluorobiphenyl
Concen: 4.79 ng
RT: 12.83 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:172 Resp: 42480

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.5	44.3
170	24.4	21.3	31.9



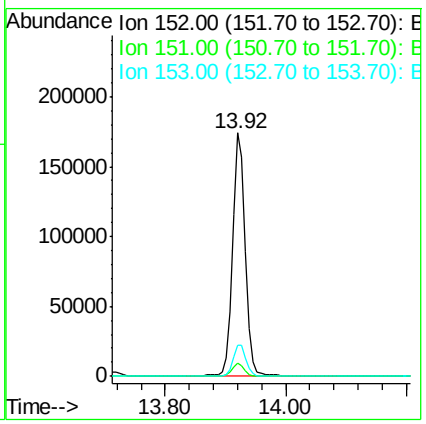


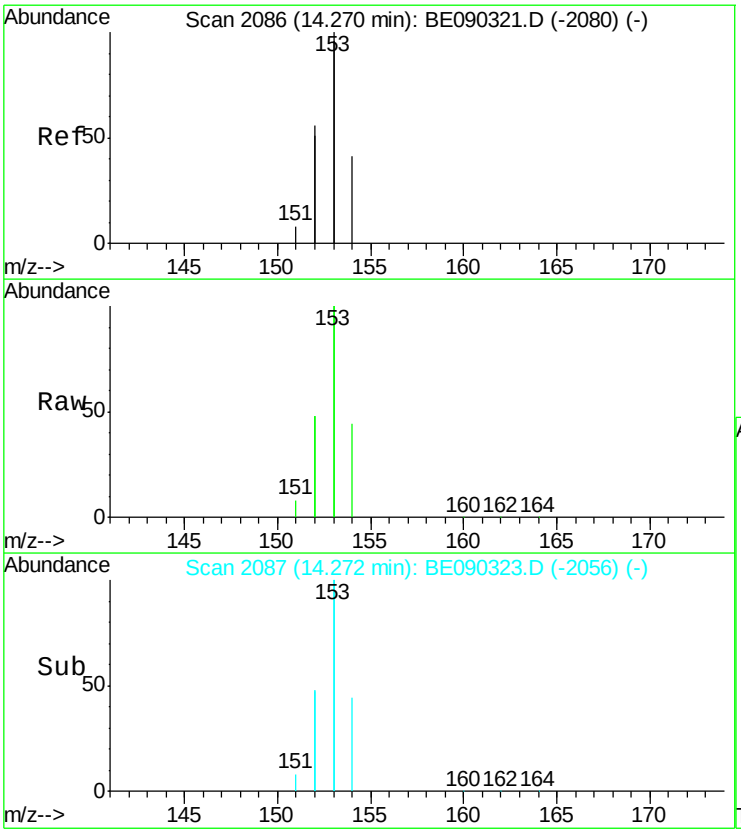
#15
Acenaphthylene
Concen: 4.81 ng
RT: 13.92 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 256572

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.1	10.2	15.4

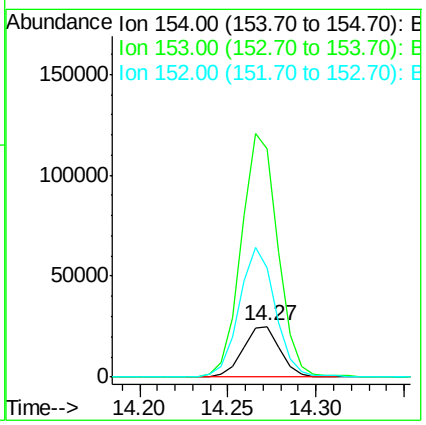


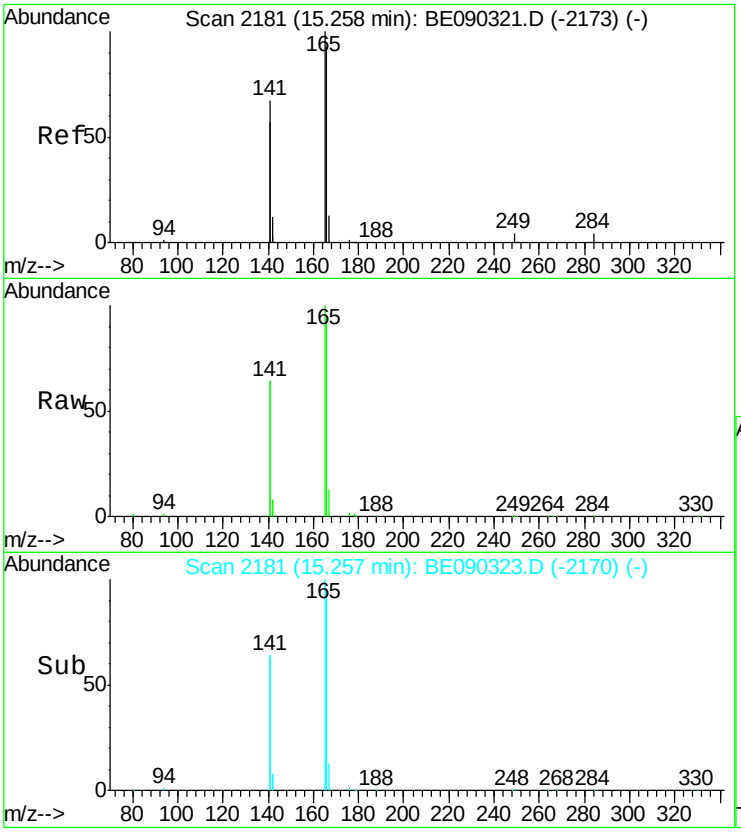


#16
Acenaphthene
Concen: 4.70 ng
RT: 14.27 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:154 Resp: 36353

Ion	Ratio	Lower	Upper
154	100		
153	477.3	378.0	567.0
152	248.8	212.7	319.1



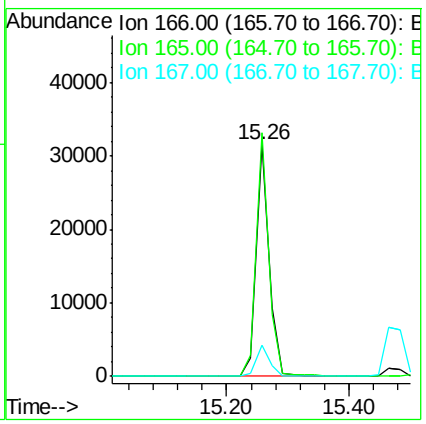


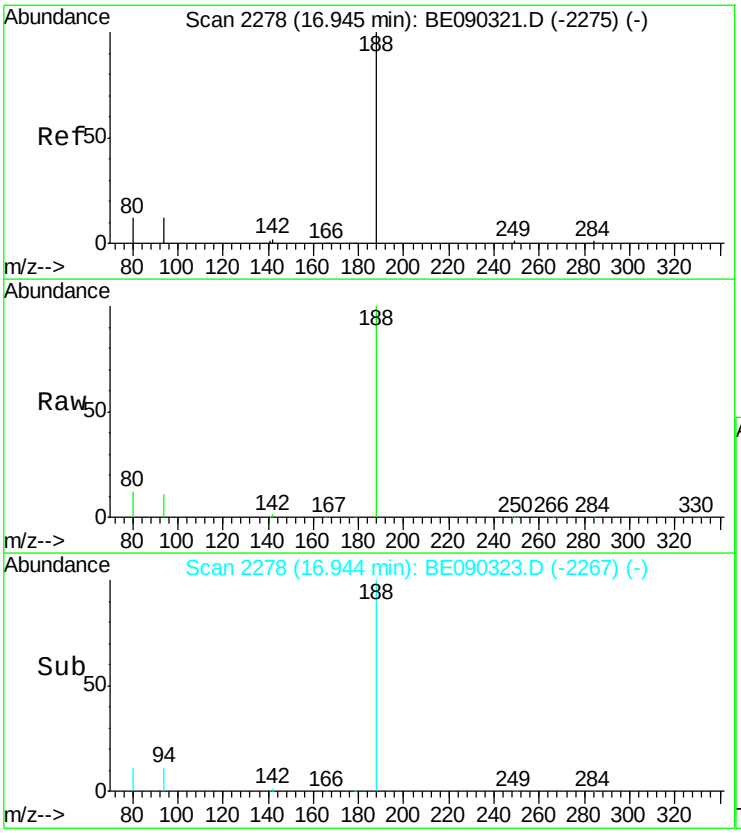
#17
Fluorene
Concen: 4.95 ng
RT: 15.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 45854

Ion	Ratio	Lower	Upper
166	100		
165	102.8	82.6	123.8
167	13.4	11.8	17.8

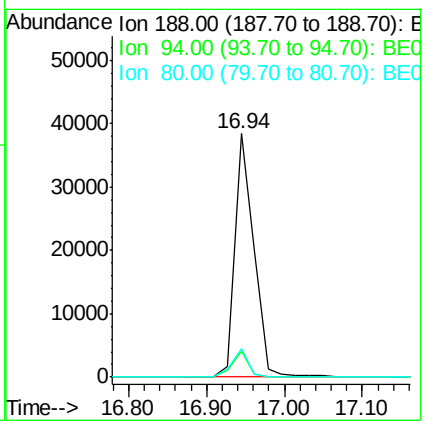


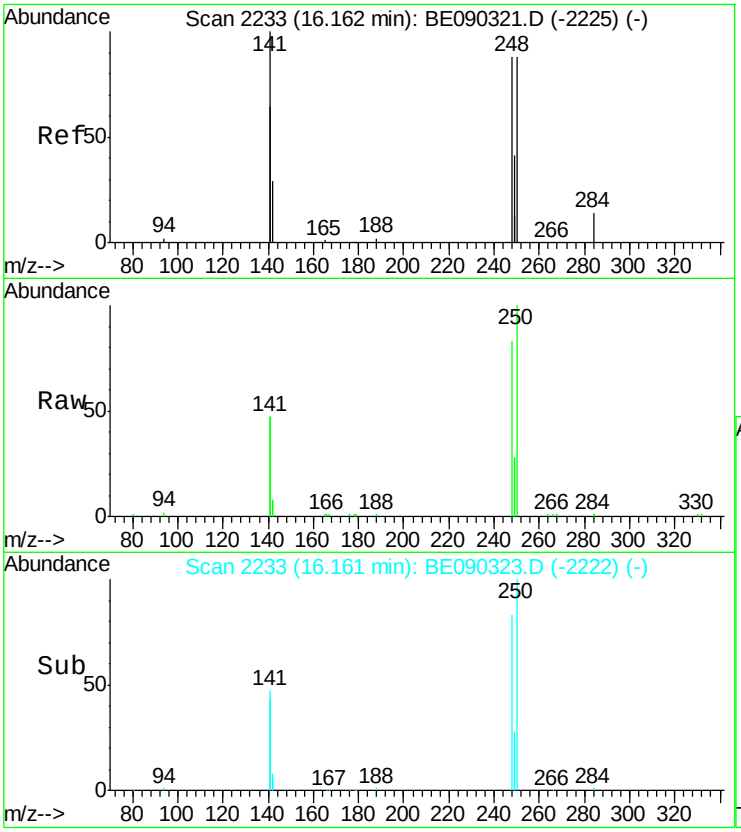


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:188 Resp: 64978

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.5	14.3
80	11.6	10.0	15.0



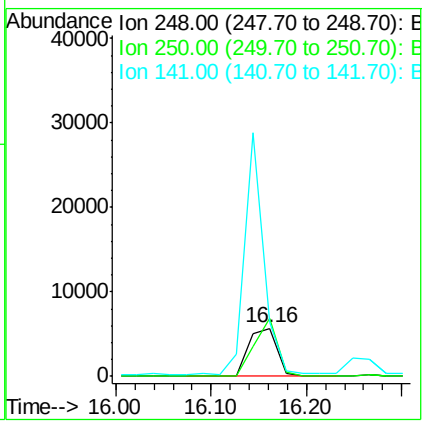


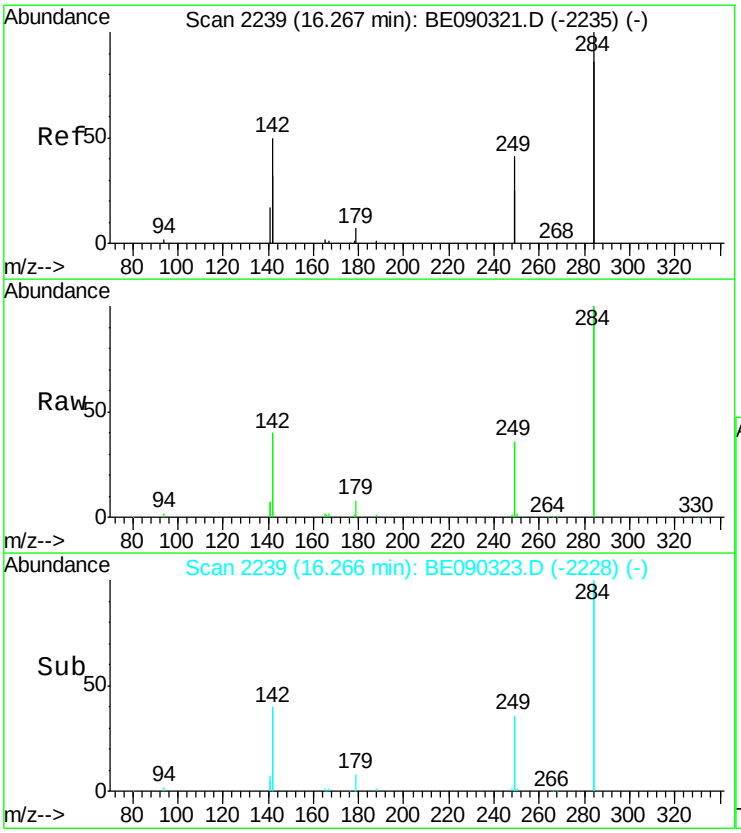
#19
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 16.16 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 11592

Ion	Ratio	Lower	Upper
248	100		
250	98.0	74.0	111.0
141	338.6	258.9	388.3

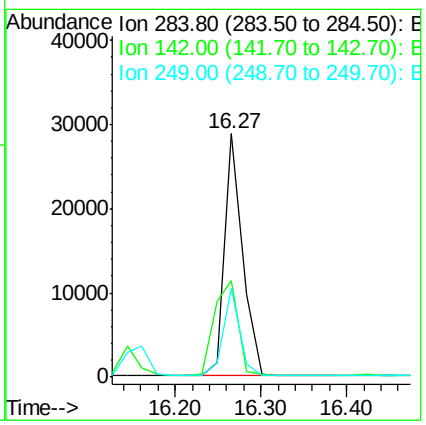


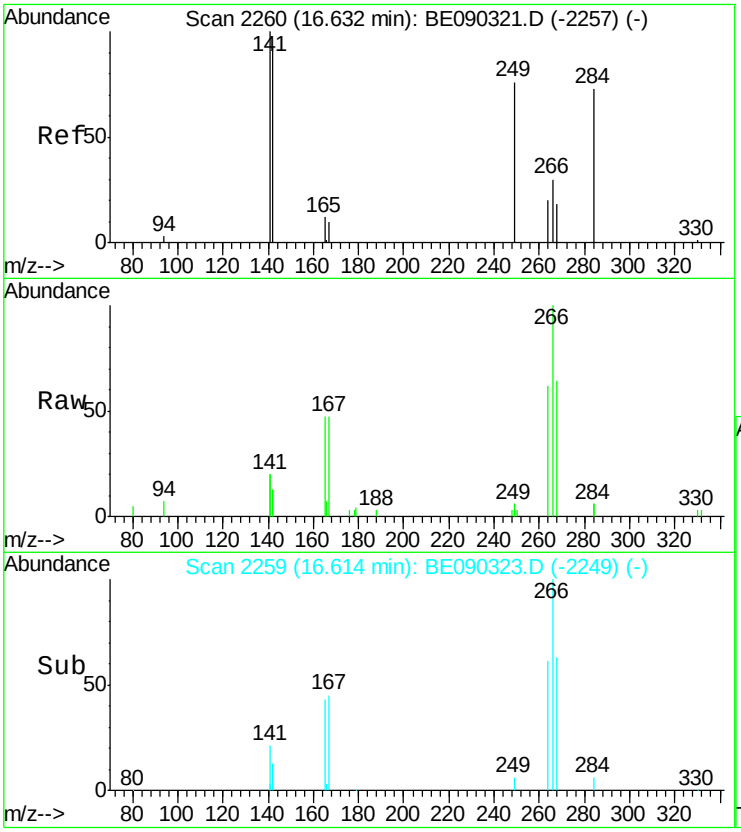


#20
Hexachlorobenzene
Concen: 4.54 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:284 Resp: 42044

Ion	Ratio	Lower	Upper
284	100		
142	51.6	44.2	66.4
249	33.0	26.4	39.6



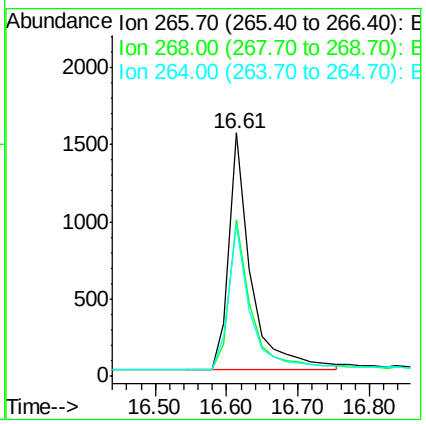


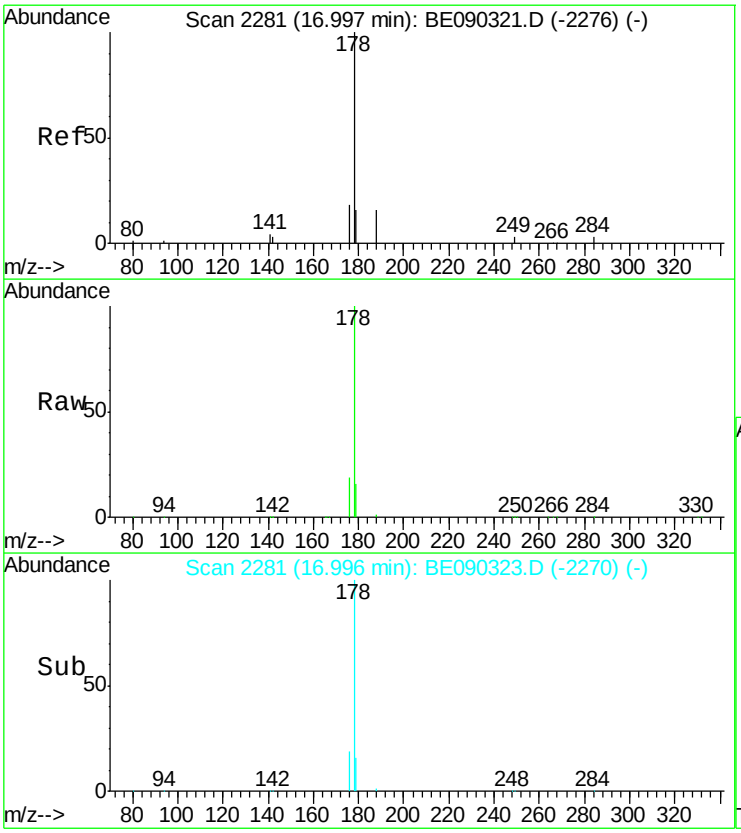
#21
Pentachlorophenol
Concen: 7.65 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 3247

Ion	Ratio	Lower	Upper
266	100		
268	64.2	66.2	99.2#
264	62.3	69.1	103.7#

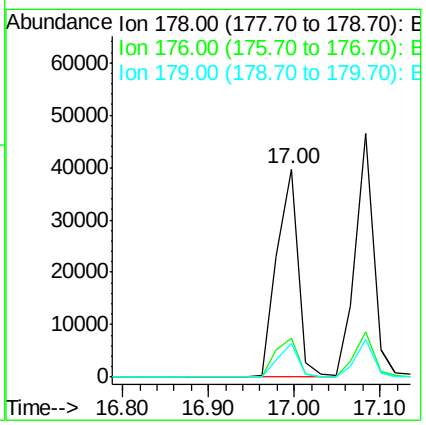


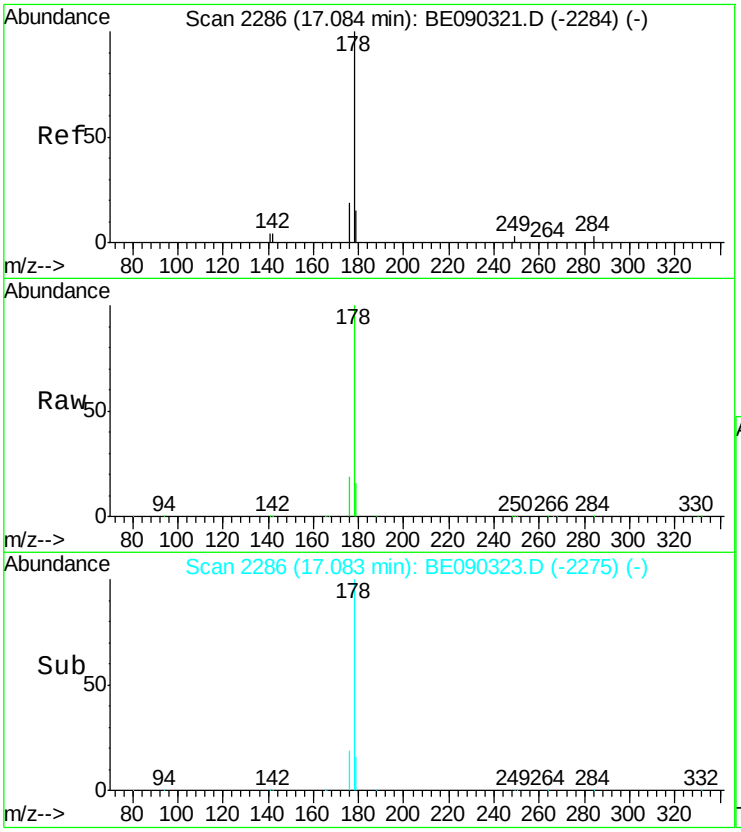


#22
Phenanthrene
Concen: 4.72 ng
RT: 17.00 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:178 Resp: 69577

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.4	12.6	18.8



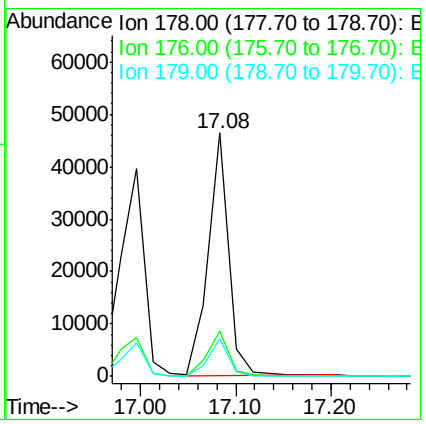


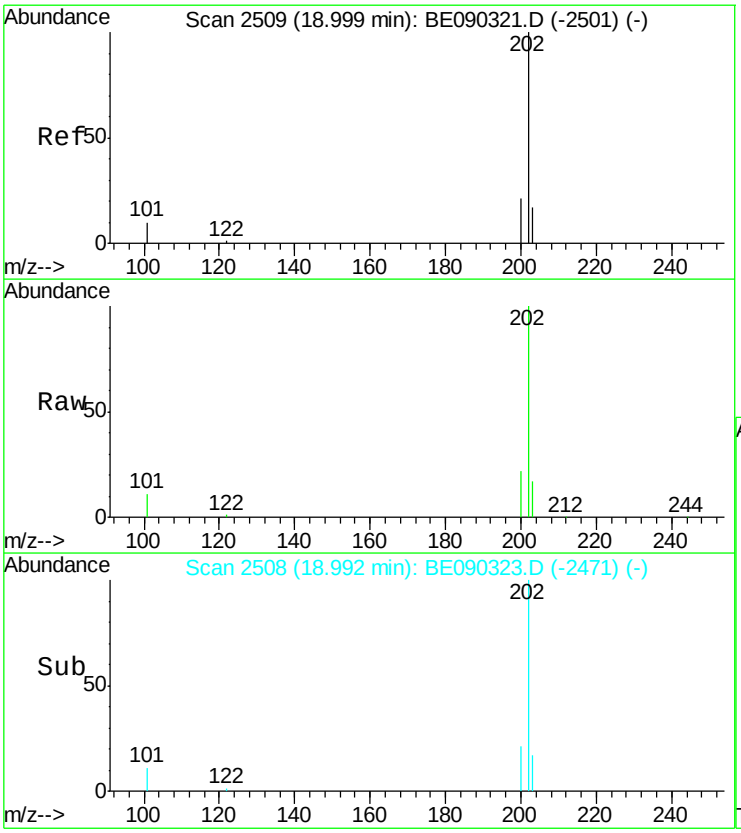
#23
Anthracene
Concen: 5.27 ng
RT: 17.08 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 69080

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.3	12.1	18.1

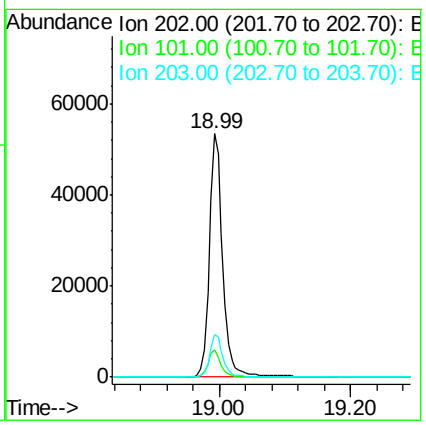


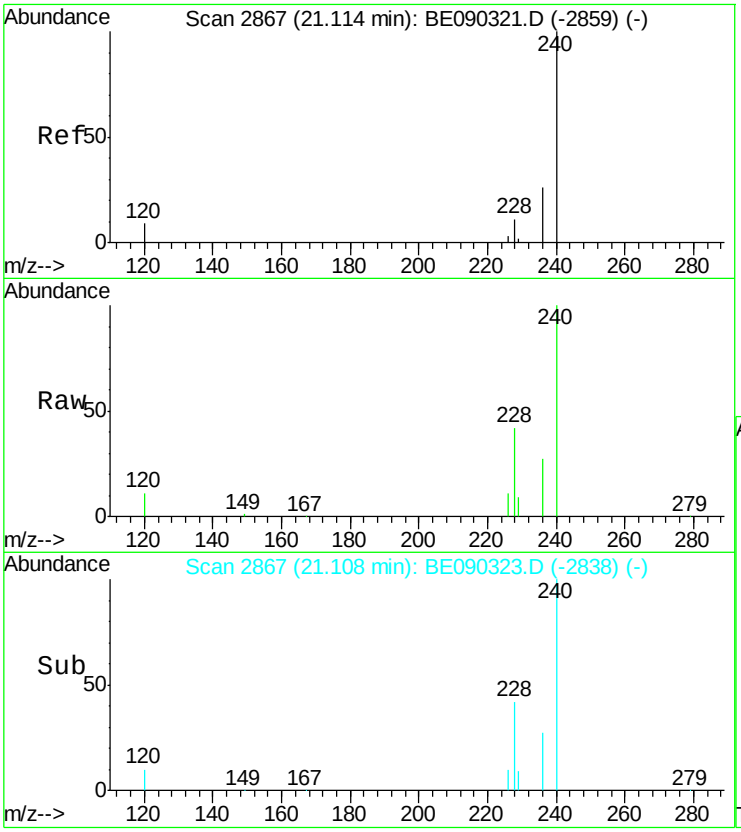


#24
Fluoranthene
Concen: 5.11 ng
RT: 18.99 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:202 Resp: 75272

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.3	12.5
203	17.4	13.8	20.8



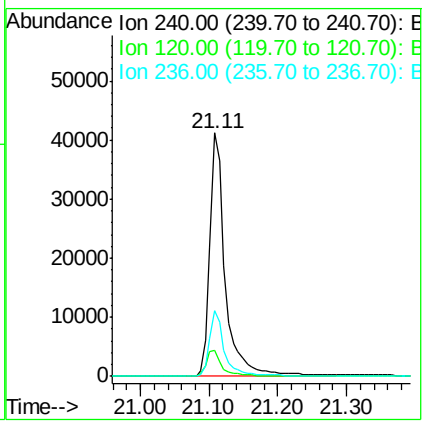


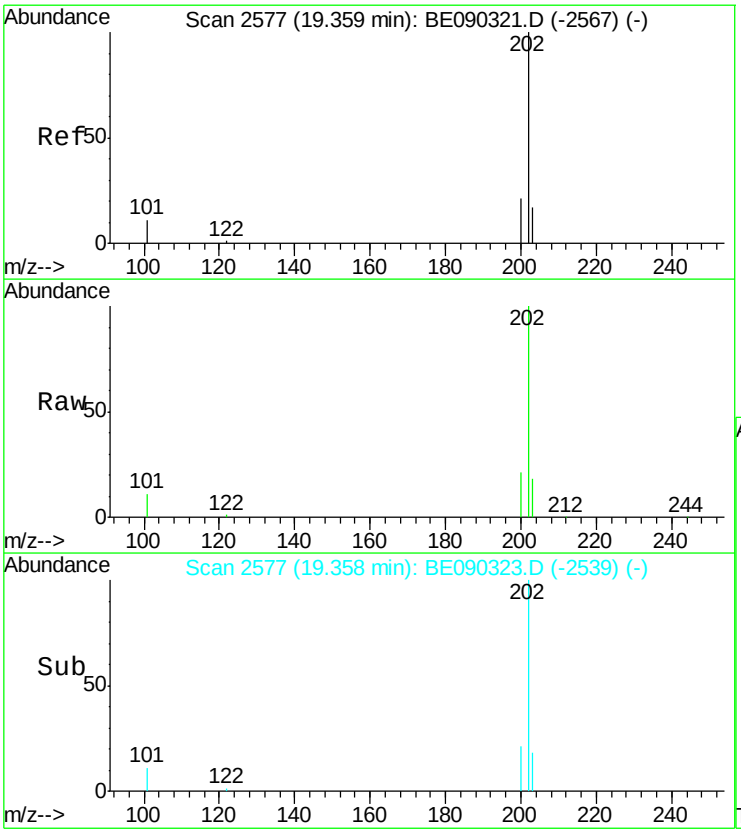
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 64094

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	26.9	21.0	31.4

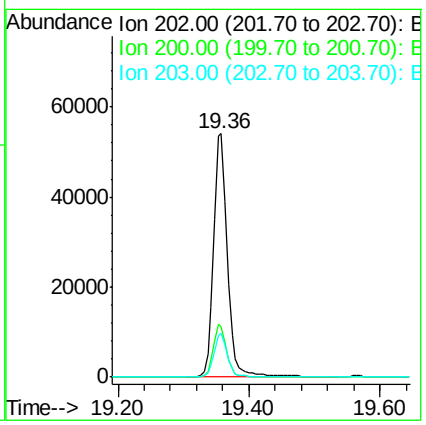


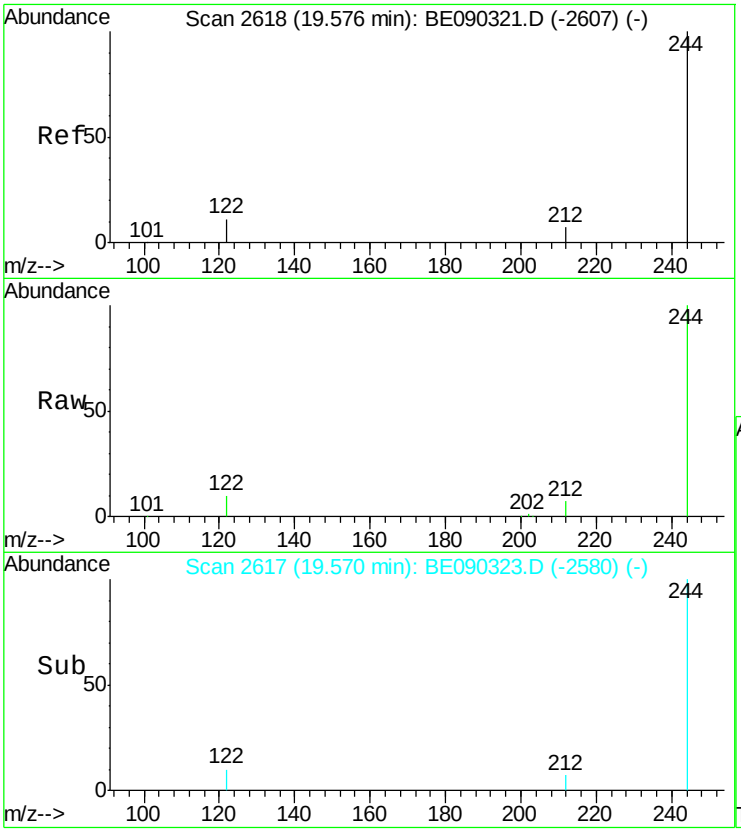


#26
Pyrene
Concen: 4.19 ng
RT: 19.36 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:202 Resp: 78766

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.5	13.8	20.6



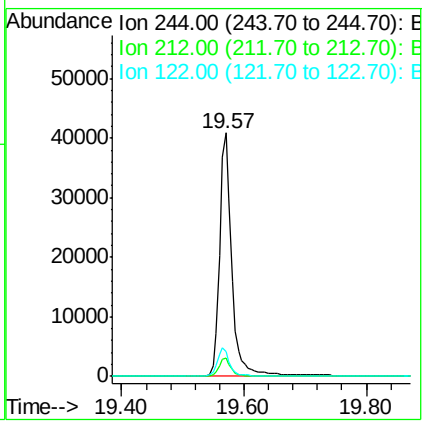


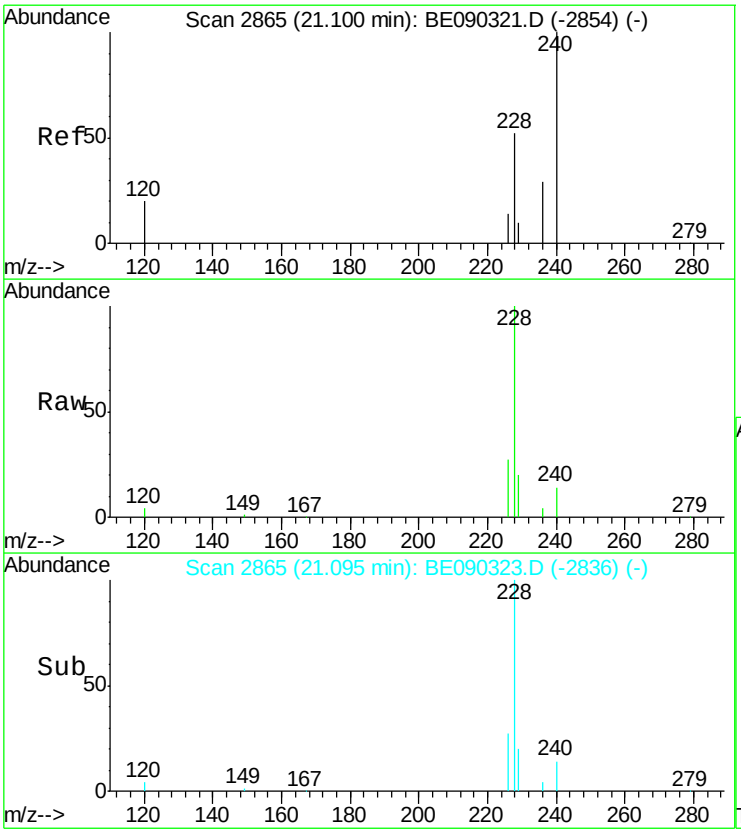
#27
Terphenyl-d14
Concen: 4.69 ng
RT: 19.57 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 57128

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.4	11.2
122	10.0	10.4	15.6#

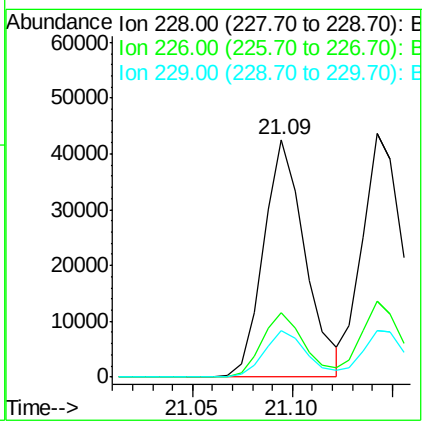


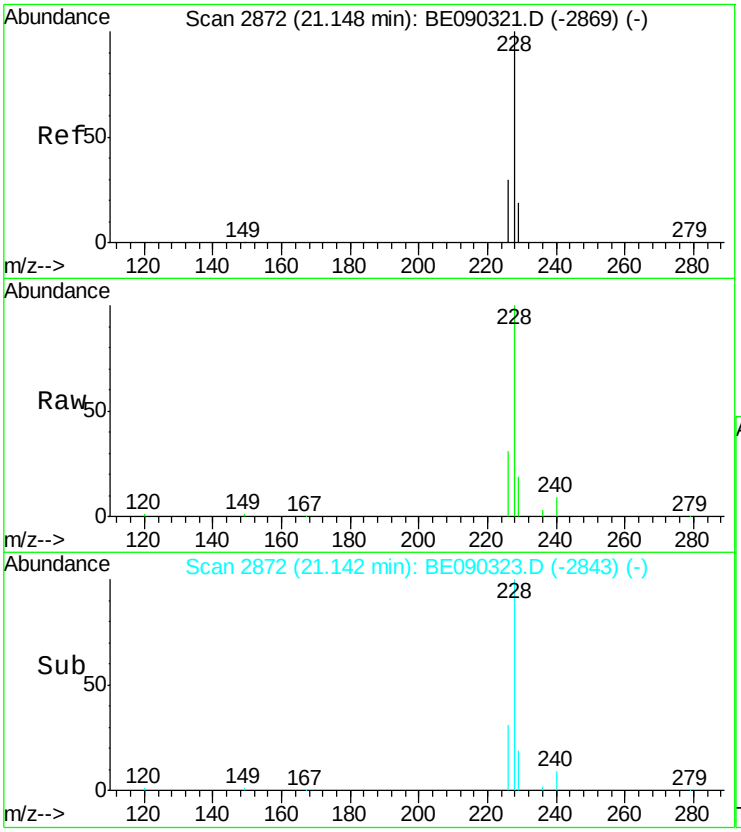


#28
Benzo(a)anthracene
Concen: 6.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:228 Resp: 61330

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.4
229	19.6	17.4	26.2



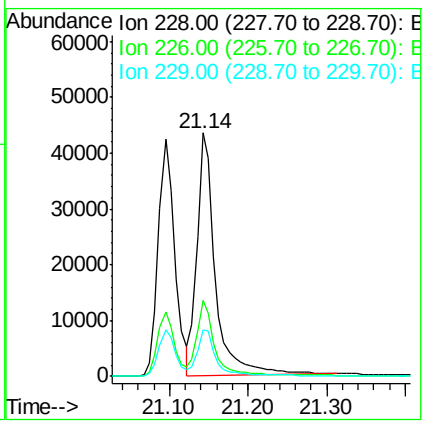


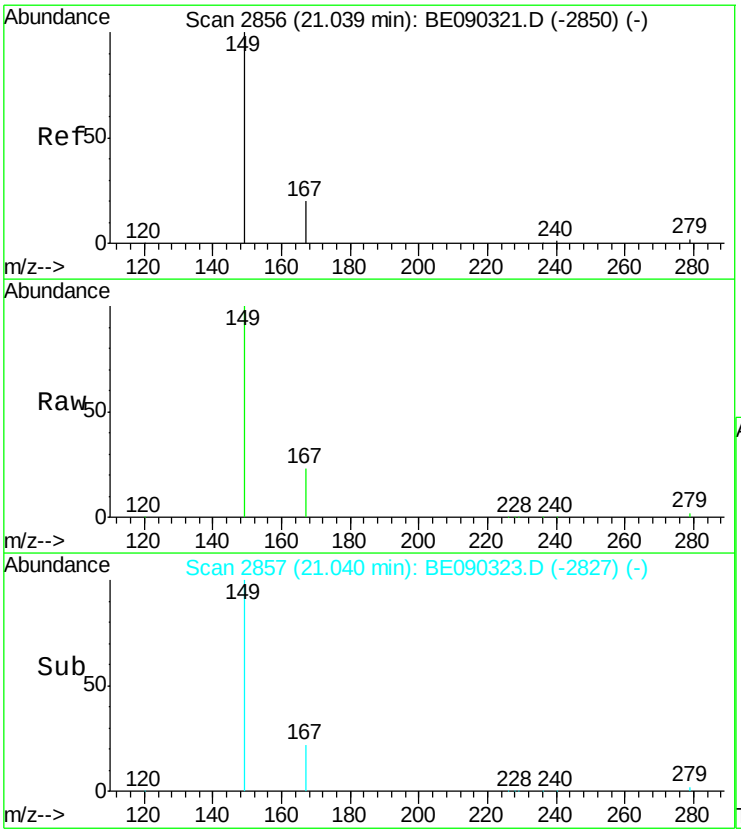
#29
Chrysene
Concen: 3.73 ng
RT: 21.14 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 70752

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.2	16.6	25.0

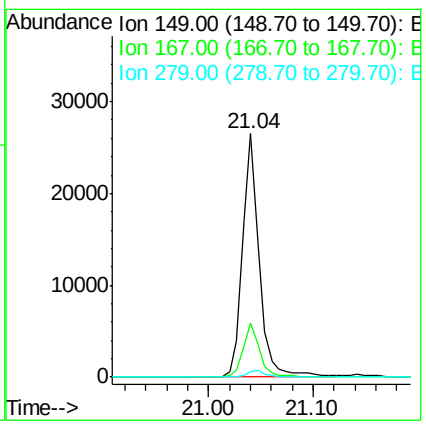


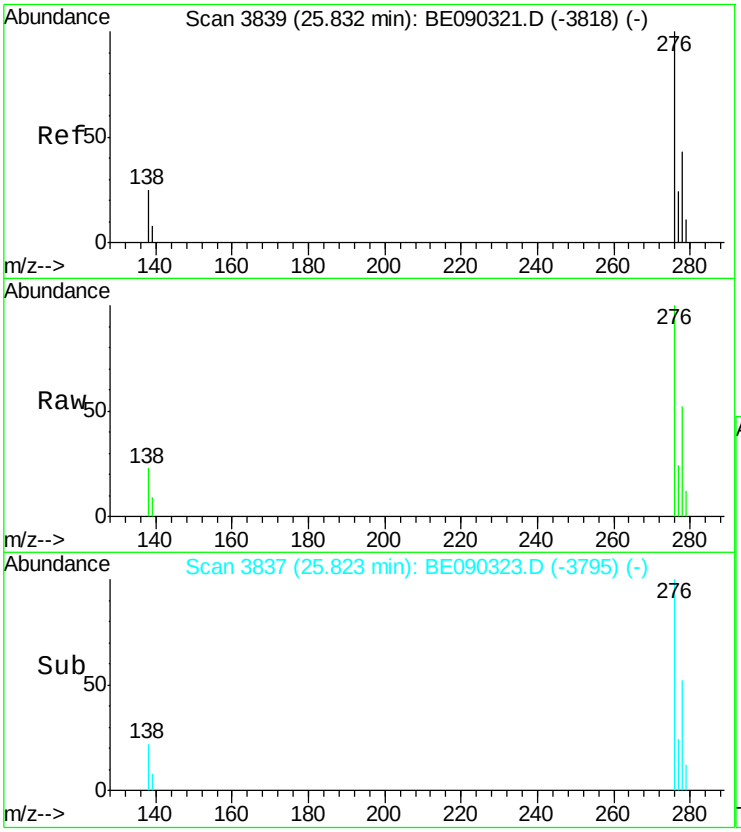


#30
Bis(2-ethylhexyl)phthalate
Concen: 7.45 ng
RT: 21.04 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:149 Resp: 29225

Ion	Ratio	Lower	Upper
149	100		
167	22.1	16.6	24.8
279	2.9	2.7	4.1



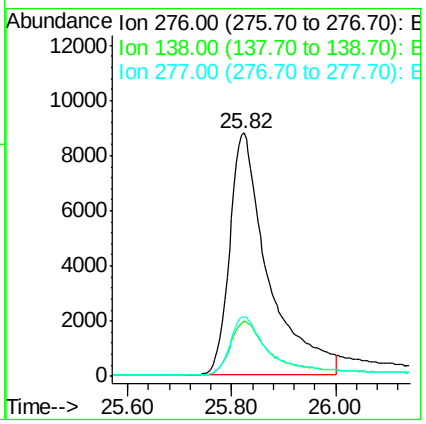


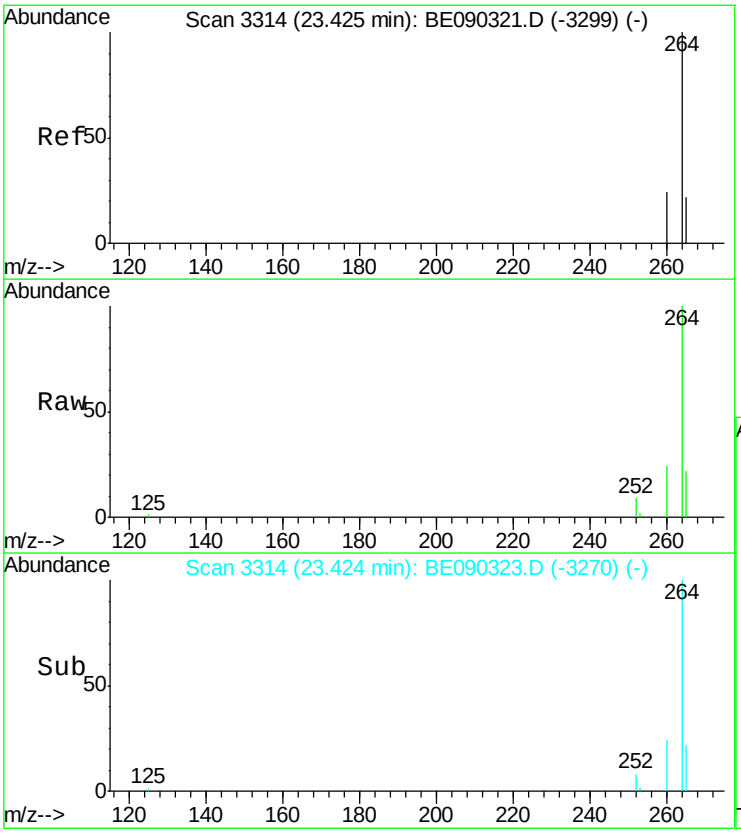
#31
Indeno(1,2,3-cd)pyrene
Concen: 10.94 ng
RT: 25.82 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 45085

Ion	Ratio	Lower	Upper
276	100		
138	23.3	10.6	16.0#
277	24.7	14.6	22.0#

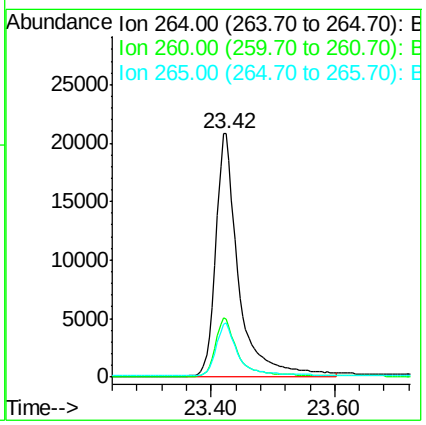


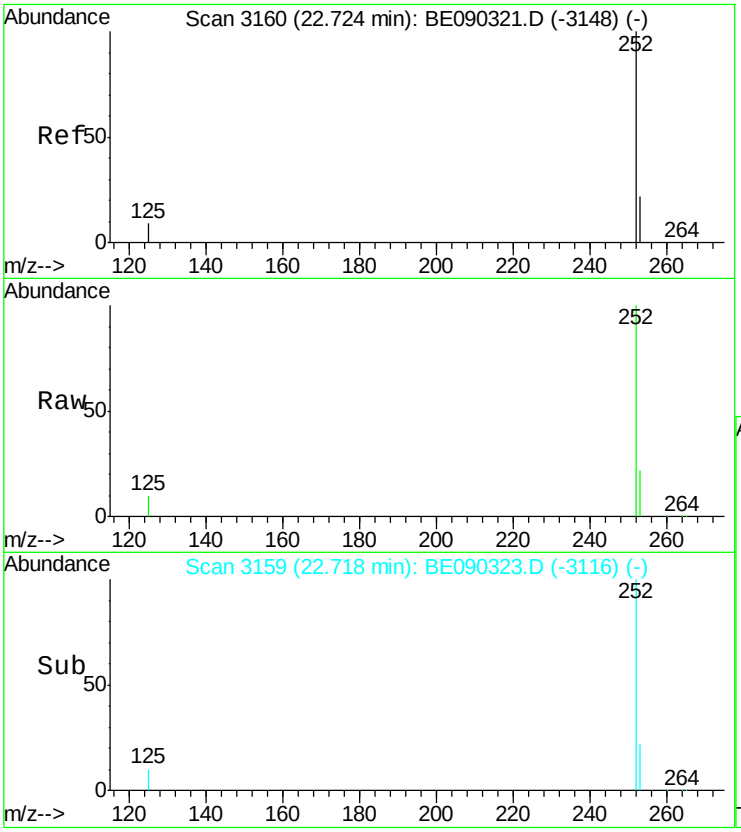


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.42 min Scan# 3314
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:264 Resp: 53040

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.0	18.6	28.0



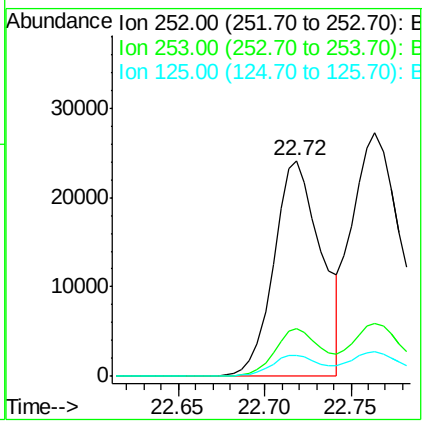


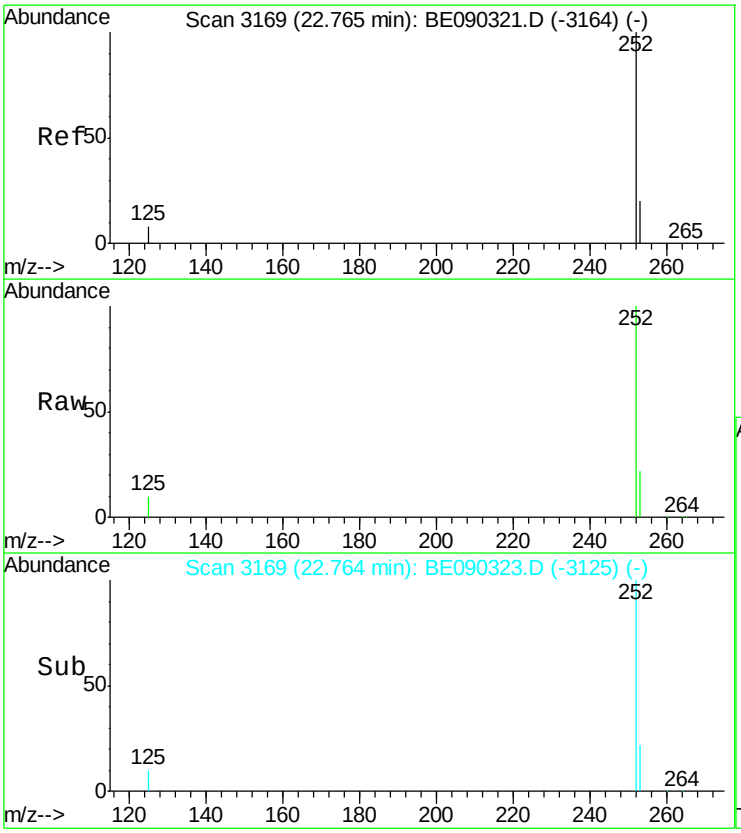
#33
Benzo(b)fluoranthene
Concen: 9.54 ng
RT: 22.72 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 45864

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.5	32.3
125	9.9	11.8	17.8#

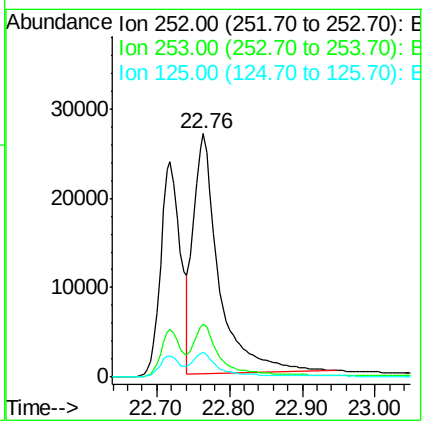


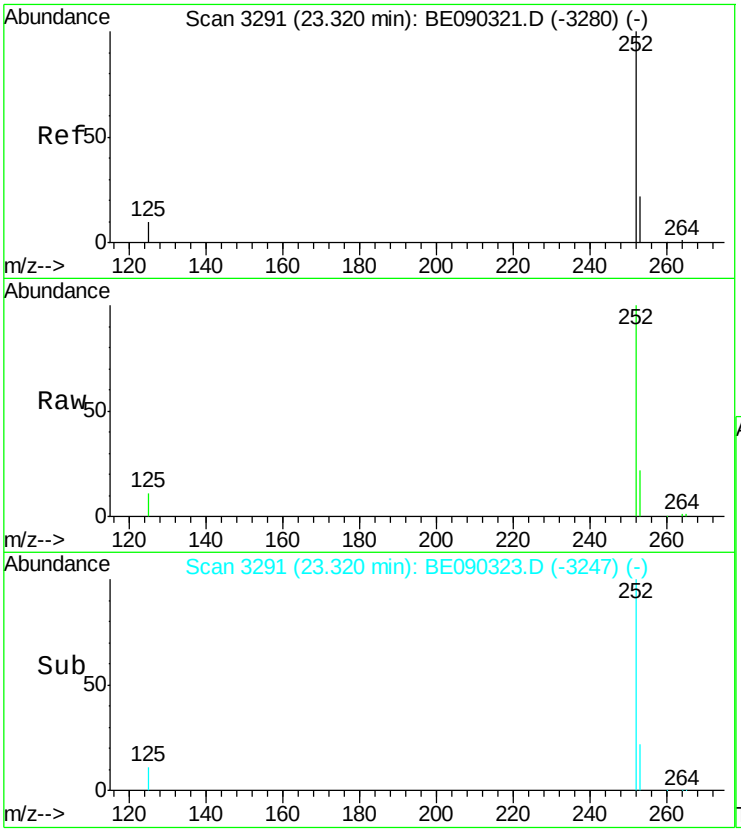


#34
Benzo(k)fluoranthene
Concen: 5.15 ng
RT: 22.76 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:252 Resp: 65497

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.9	29.9
125	10.0	11.2	16.8#



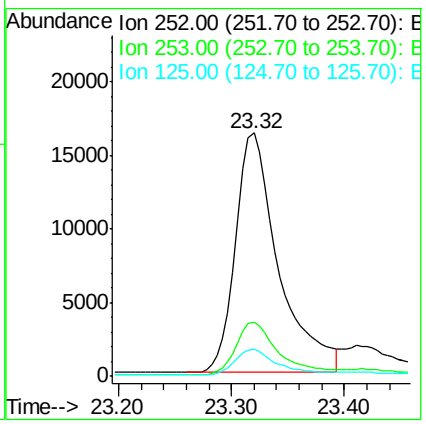


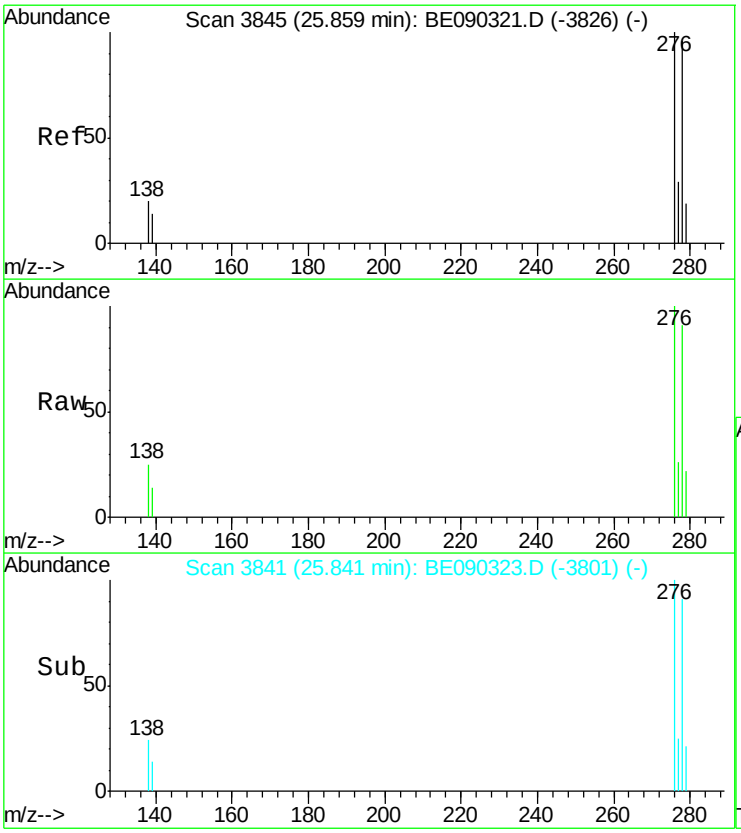
#35
Benzo(a)pyrene
Concen: 7.65 ng
RT: 23.32 min Scan# 3291
Delta R.T. -0.00 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 42398

Ion	Ratio	Lower	Upper
252	100		
253	22.0	23.0	34.4#
125	11.1	14.2	21.2#

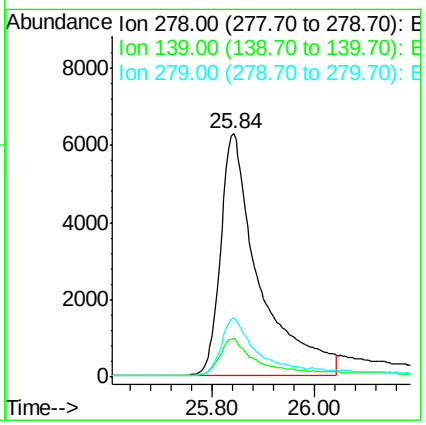


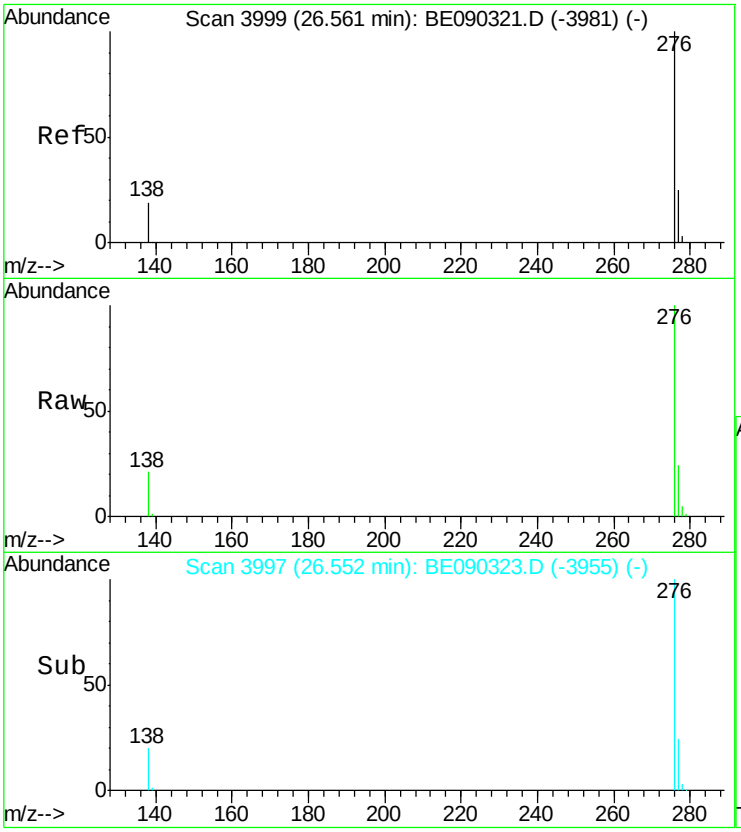


#36
Dibenzo(a,h)anthracene
Concen: 11.94 ng
RT: 25.84 min Scan# 3841
Delta R.T. -0.02 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Tgt Ion:278 Resp: 32717

Ion	Ratio	Lower	Upper
278	100		
139	15.9	27.8	41.6#
279	24.2	30.9	46.3#





#37
Benzo(g,h,i)perylene
Concen: 7.70 ng
RT: 26.55 min Scan# 3997
Delta R.T. -0.01 min
Lab File: BE090323.D
Acq: 3 Aug 2015 23:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 45379

Ion	Ratio	Lower	Upper
276	100		
277	23.9	25.6	38.4#
138	20.6	22.0	33.0#