Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090681.D
Acq On : 2 Sep 2015 00:12
Operator : UM/IZ
Sample : G3462-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 02 03:04:48 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:57:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	45749	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	203819	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	107329	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	268137	5.00	ng		0.00
25) Chrysene-d12	21.07	240	349418	5.00	ng		0.00
32) Perylene-d12	23.36	264	338627	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	48412	5.43	ng		0.00
5) Phenol-d6	6.75	99	41893	3.29	ng		0.00
7) Nitrobenzene-d5	8.71	82	47417	3.52	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	31230	9.87	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	101927	3.43	ng		0.00
27) Terphenyl-d14	19.53	244	228193	5.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	295	Below Cal		#	16
3) n-Nitrosodimethylamine	3.45	42	239	Below Cal		#	1
8) Nitrobenzene	8.78	77	11	0.11	ng	#	49
9) Naphthalene	10.36	128	1056	0.02	ng	#	64
10) Hexachlorobutadiene	10.65	225	16	0.00	ng		89
11) 2-Methylnaphthalene	12.00	142	271	0.01	ng	#	73
15) Acenaphthylene	13.89	152	209	0.00	ng	#	72
16) Acenaphthene	14.17	154	570	0.02	ng	#	1
17) Fluorene	15.24	166	193	0.01	ng	#	80
19) 4-Bromophenyl-phenylether	16.13	248	69	0.01	ng	#	14
20) Hexachlorobenzene	16.23	284	273	Below Cal		#	51
21) Pentachlorophenol	16.63	266	34	Below Cal		#	66
22) Phenanthrene	16.96	178	1069	0.02	ng	#	82
23) Anthracene	17.05	178	519	0.01	ng	#	75
24) Fluoranthene	18.97	202	695	0.01	ng	#	88
26) Pyrene	19.33	202	727	0.01	ng	#	84
28) Benzo(a)anthracene	21.07	228	1307	0.00	ng	#	78
29) Chrysene	21.07	228	1307	Below Cal		#	75
30) Bis(2-ethylhexyl)phthalate	21.01	149	5273	0.32	ng	#	99
31) Indeno(1,2,3-cd)pyrene	25.74	276	140	0.00	ng	#	54
33) Benzo(b)fluoranthene	22.68	252	359	0.00	ng	#	1
34) Benzo(k)fluoranthene	22.68	252	359	0.00	ng	#	1
35) Benzo(a)pyrene	23.26	252	197	0.00	ng	#	1
36) Dibenzo(a,h)anthracene	25.74	278	14	0.14	ng	#	1
37) Benzo(g,h,i)perylene	26.47	276	194	0.00	ng	#	1

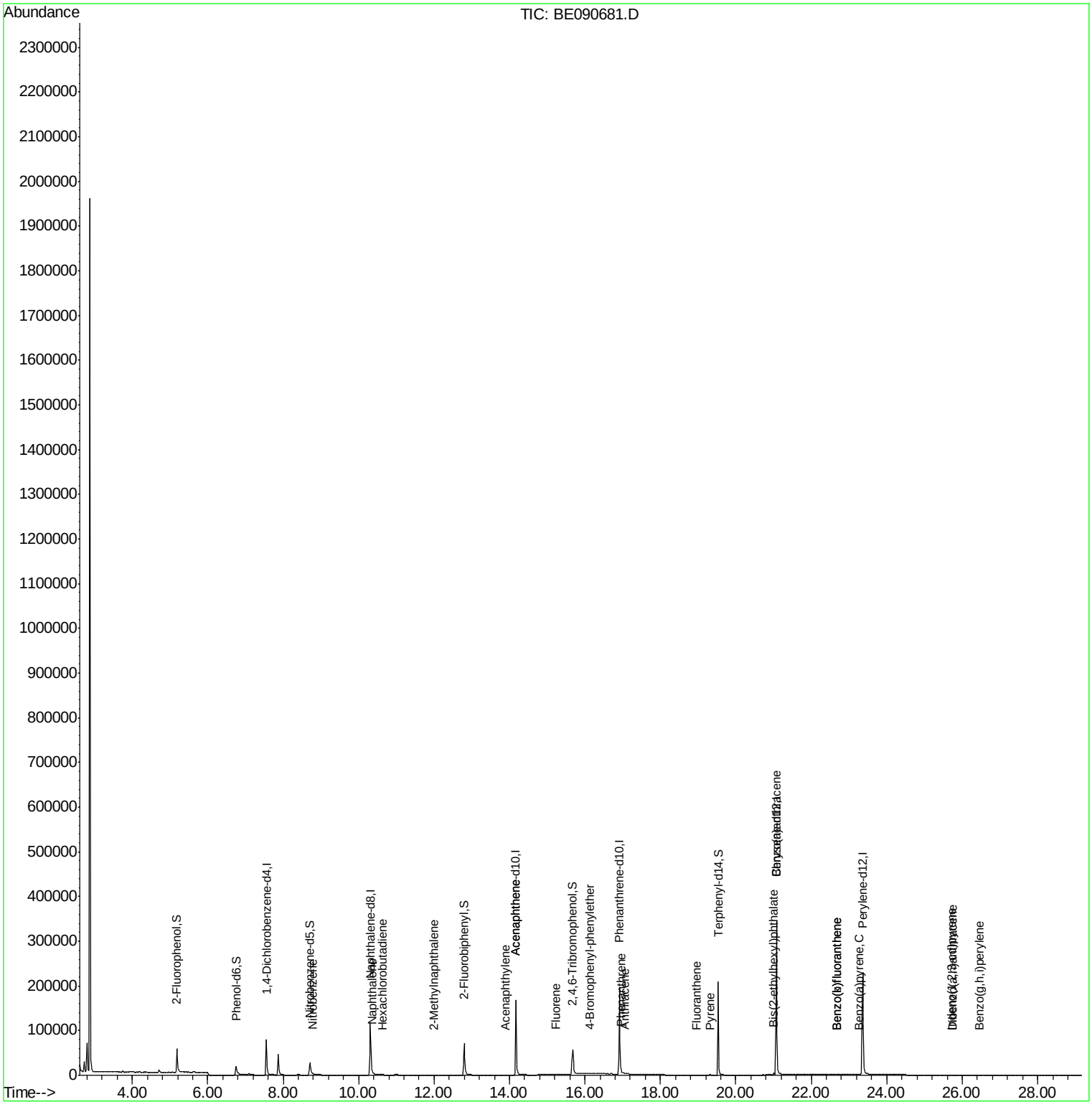
(#) = qualifier out of range (m) = manual integration (+) = signals summed

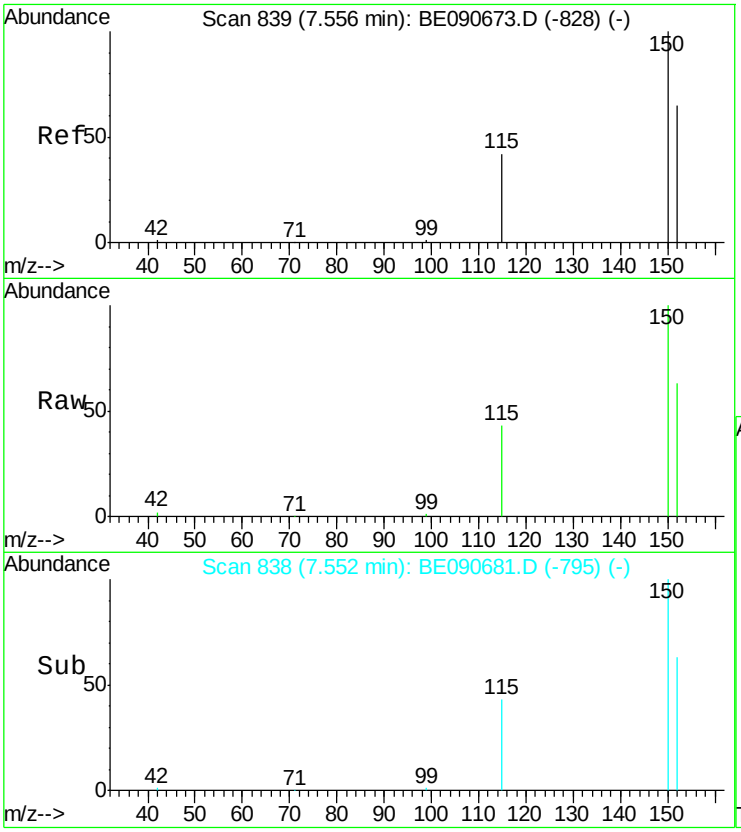
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090681.D
Acq On : 2 Sep 2015 00:12
Operator : UM/IZ
Sample : G3462-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 02 03:04:48 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:57:39 2015
Response via : Initial Calibration



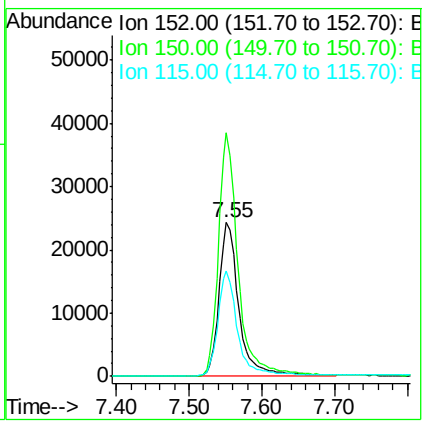


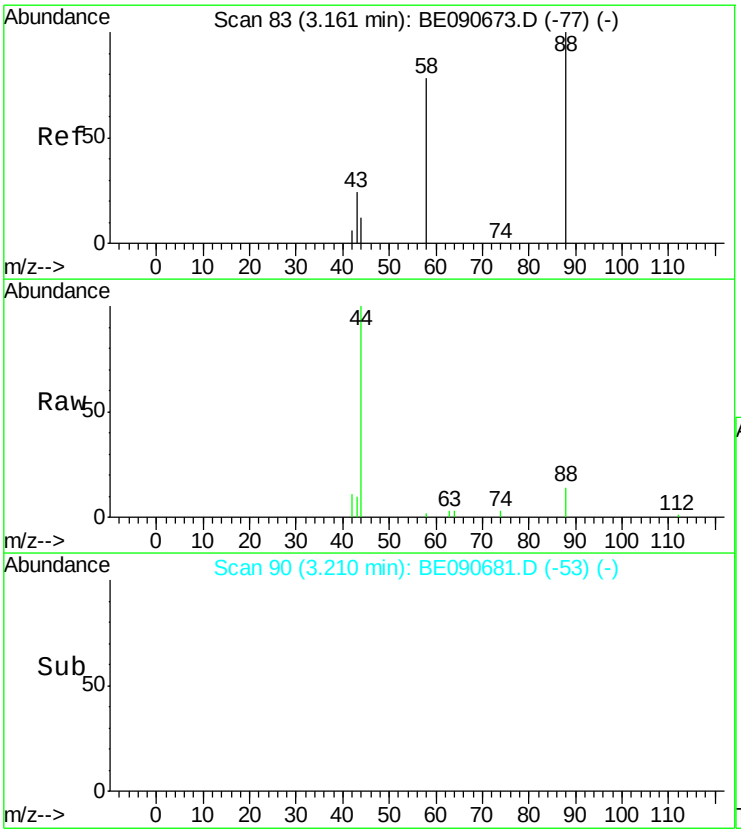
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 45749

Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.2	183.4
115	68.4	51.0	76.4

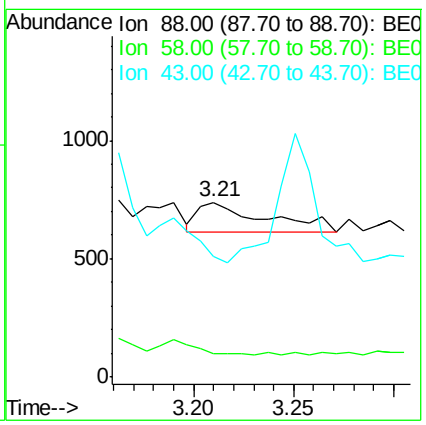


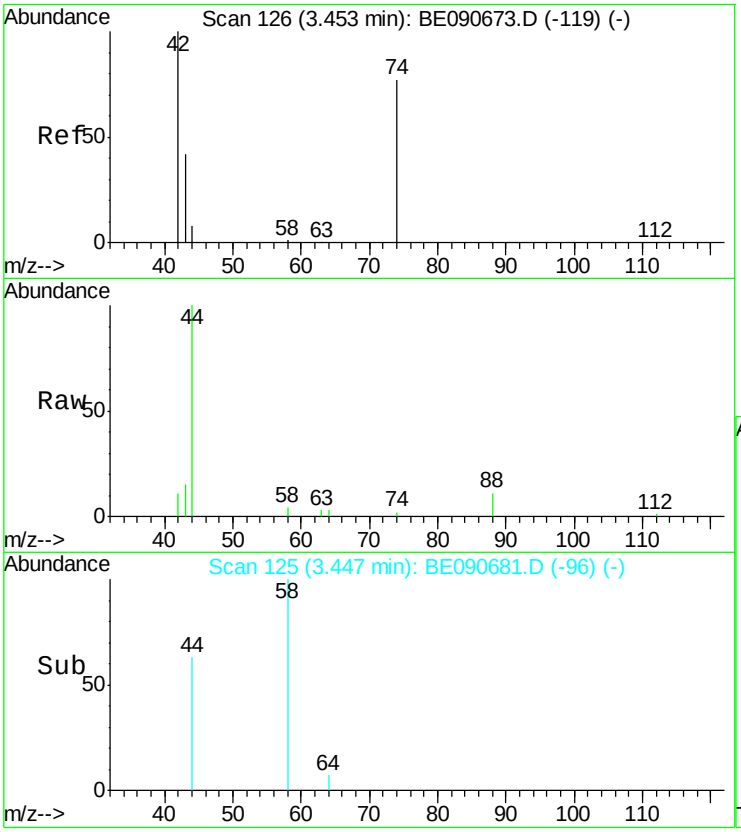


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.21 min Scan# 90
Delta R.T. 0.05 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion: 88 Resp: 295

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.4	102.6#
43	0.0	26.9	40.3#



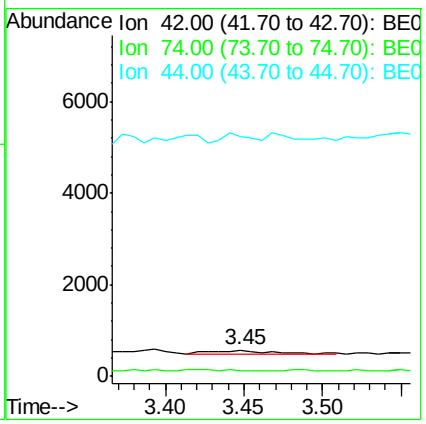


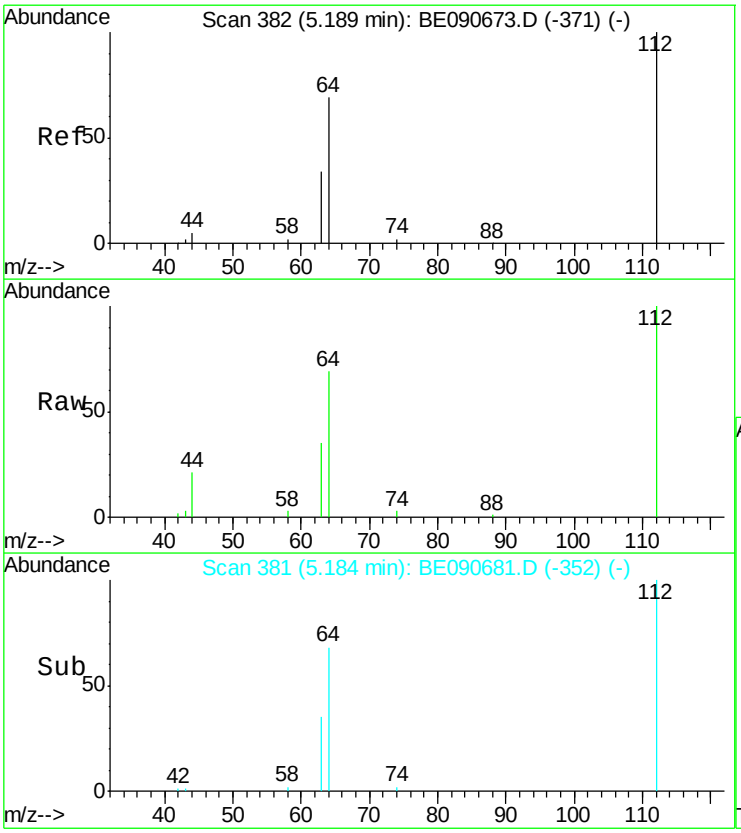
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 239

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	95.8	10.0	15.0#

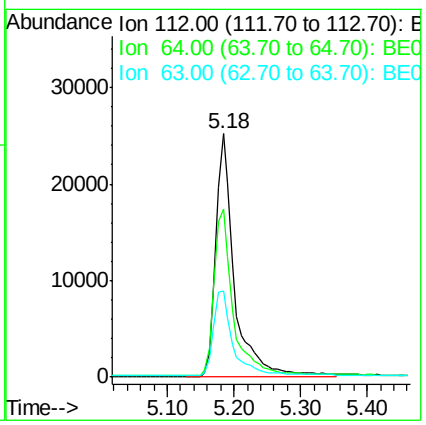


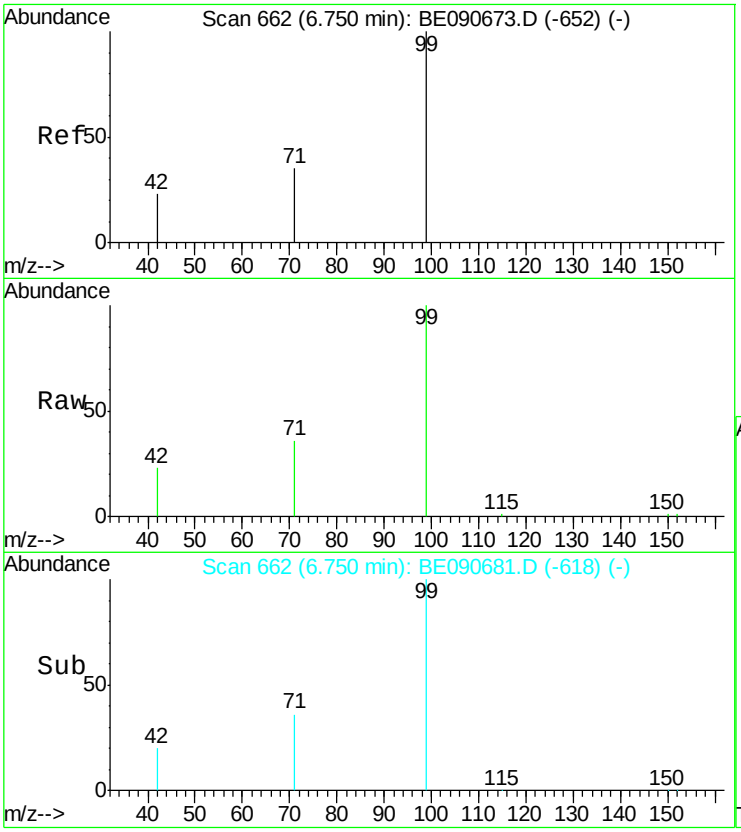


#4
2-Fluorophenol
Concen: 5.43 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:112 Resp: 48412

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.3	85.9
63	37.2	29.2	43.8



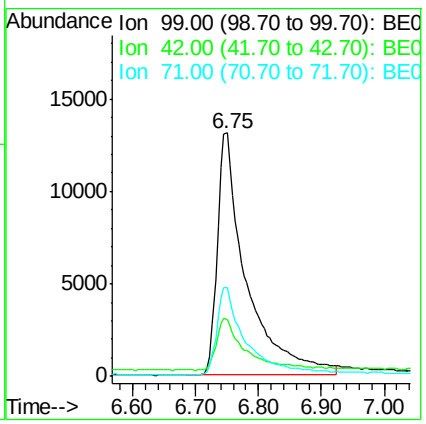


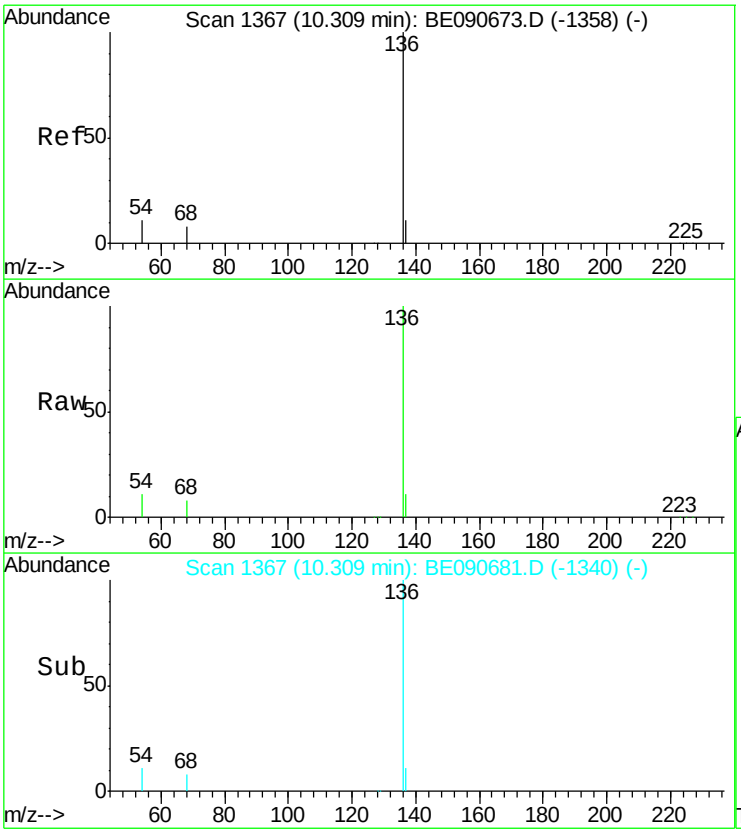
#5
Phenol-d6
Concen: 3.29 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 41893

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.8	25.2
71	36.3	28.3	42.5

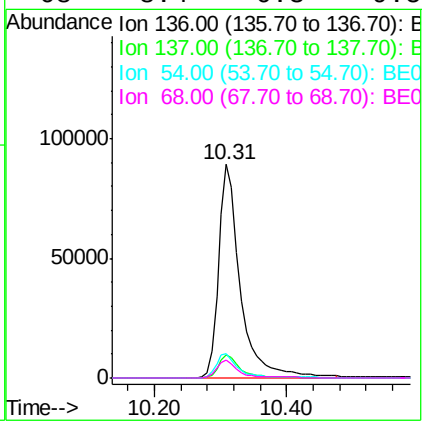


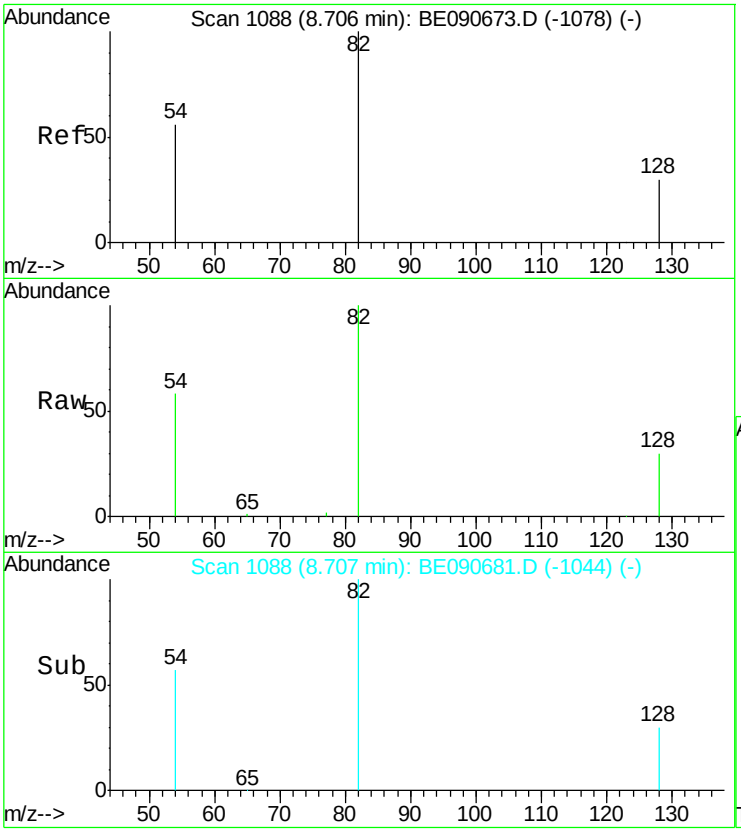


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:136 Resp: 203819

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.4	9.0	13.6
68	8.4	6.3	9.5



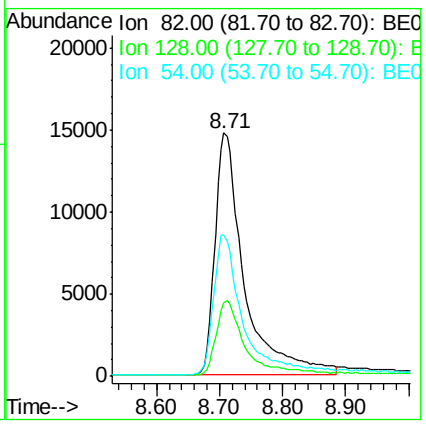


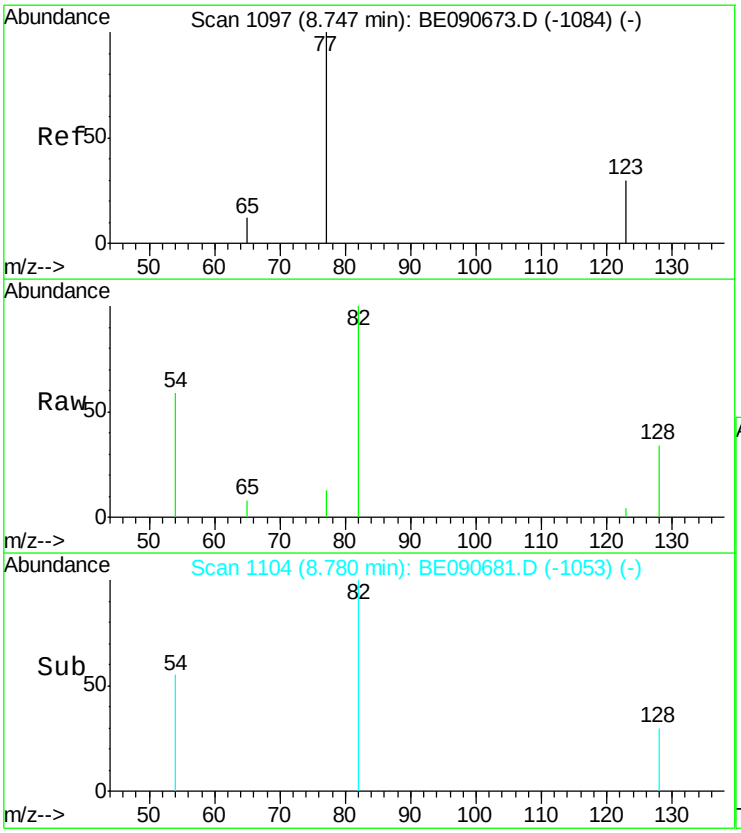
#7
Nitrobenzene-d5
Concen: 3.52 ng
RT: 8.71 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 47417

Ion	Ratio	Lower	Upper
82	100		
128	30.2	25.0	37.4
54	57.9	46.3	69.5

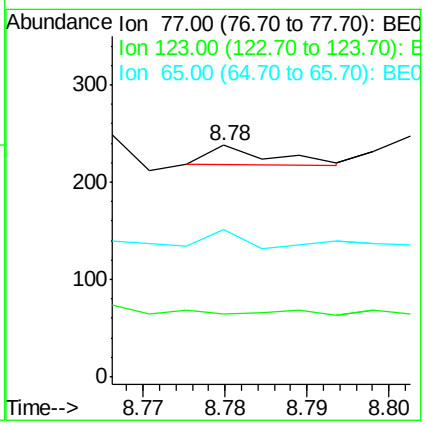


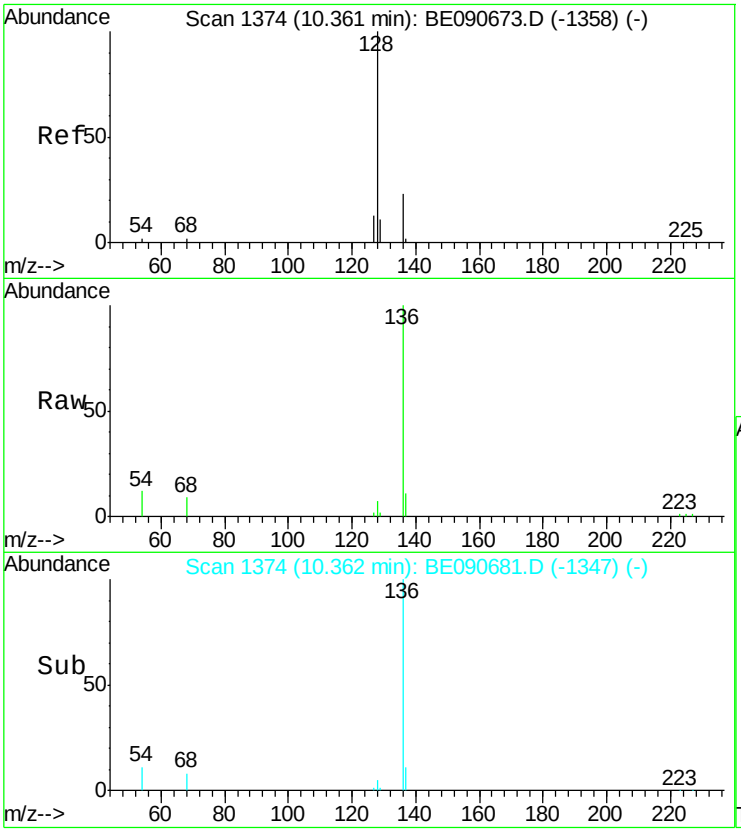


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.78 min Scan# 1104
Delta R.T. 0.03 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion: 77 Resp: 11

Ion	Ratio	Lower	Upper
77	100		
123	63.6	25.1	37.7#
65	0.0	9.9	14.9#



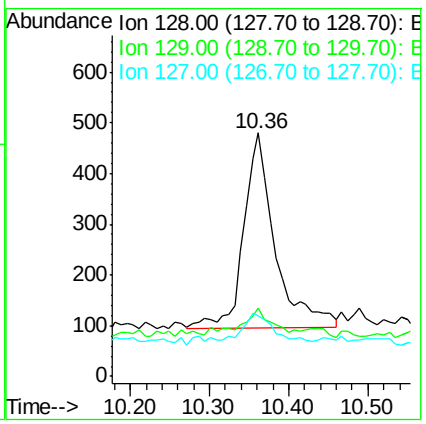


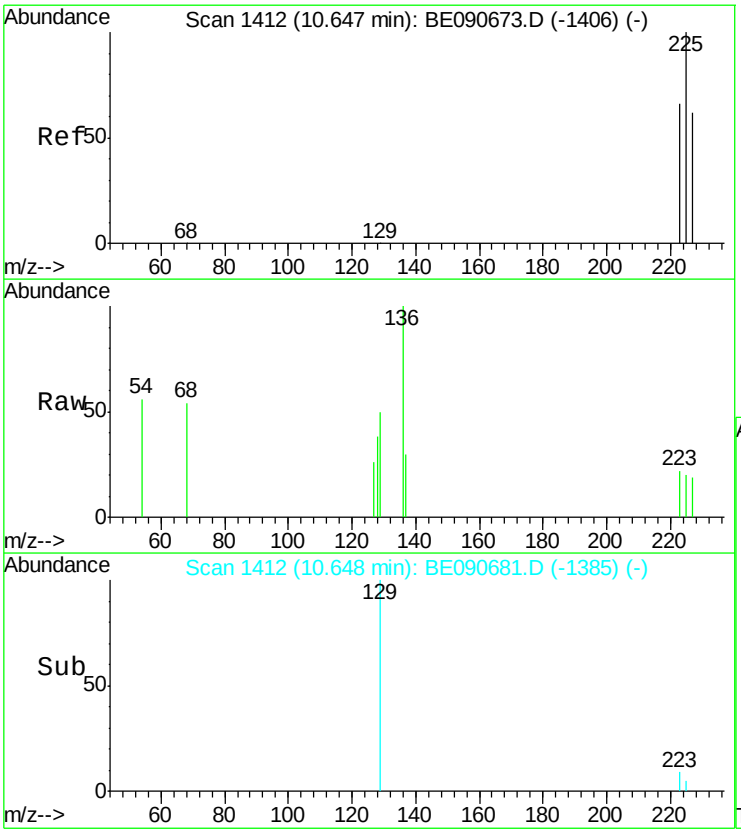
#9
Naphthalene
Concen: 0.02 ng
RT: 10.36 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1056

Ion	Ratio	Lower	Upper
128	100		
129	27.9	9.0	13.6#
127	25.2	10.6	15.8#

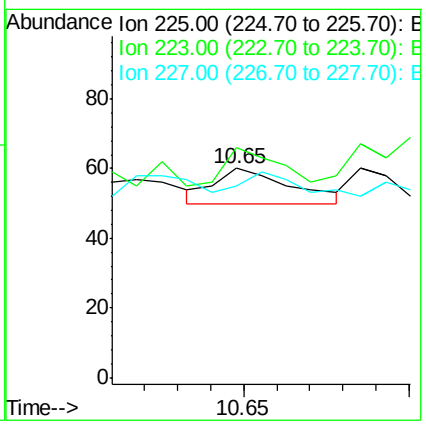


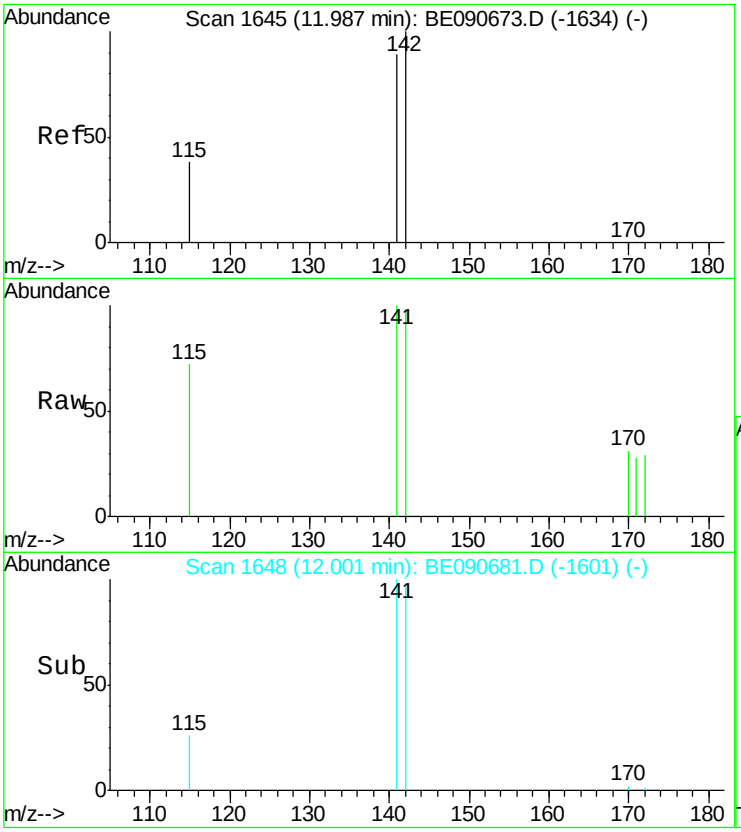


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:225 Resp: 16

Ion	Ratio	Lower	Upper
225	100		
223	75.0	50.6	76.0
227	68.8	51.0	76.6



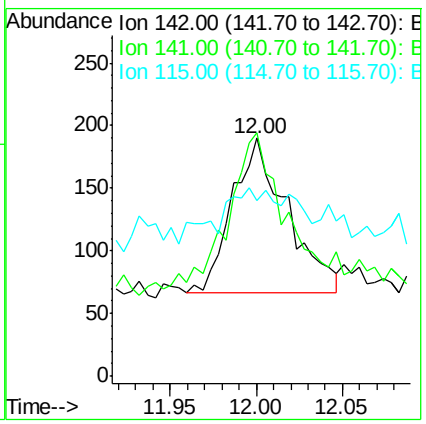


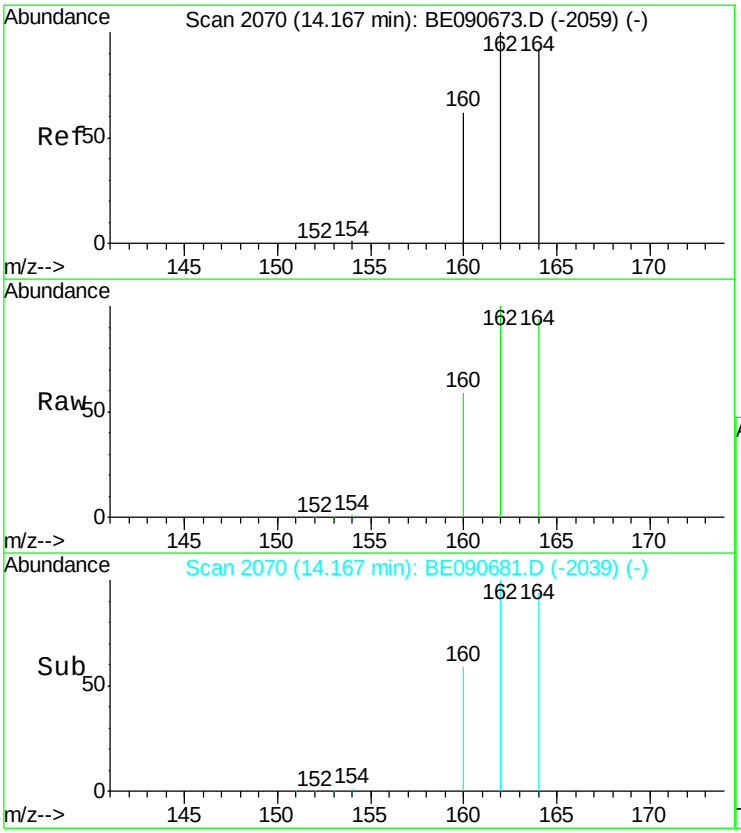
#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.00 min Scan# 1648
Delta R.T. 0.01 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 271

Ion	Ratio	Lower	Upper
142	100		
141	102.1	71.4	107.2
115	73.7	31.0	46.4#

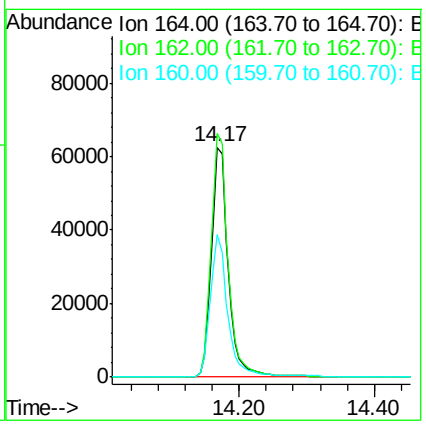


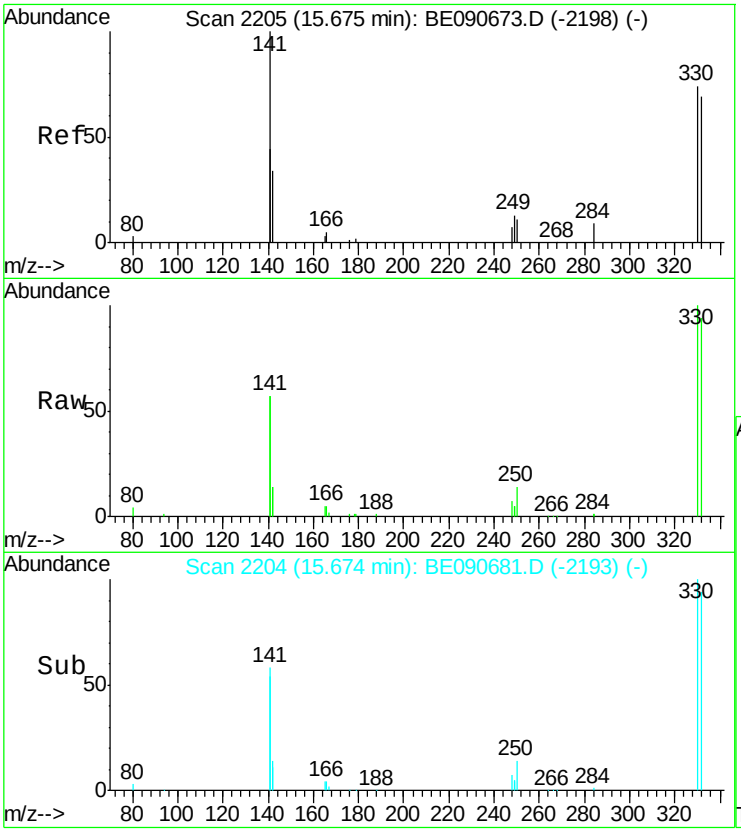


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:164 Resp: 107329

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.8	130.2
160	62.1	53.9	80.9



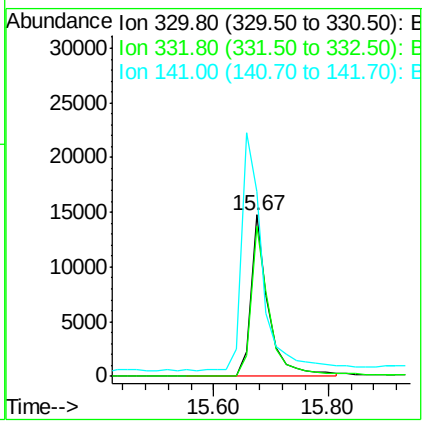


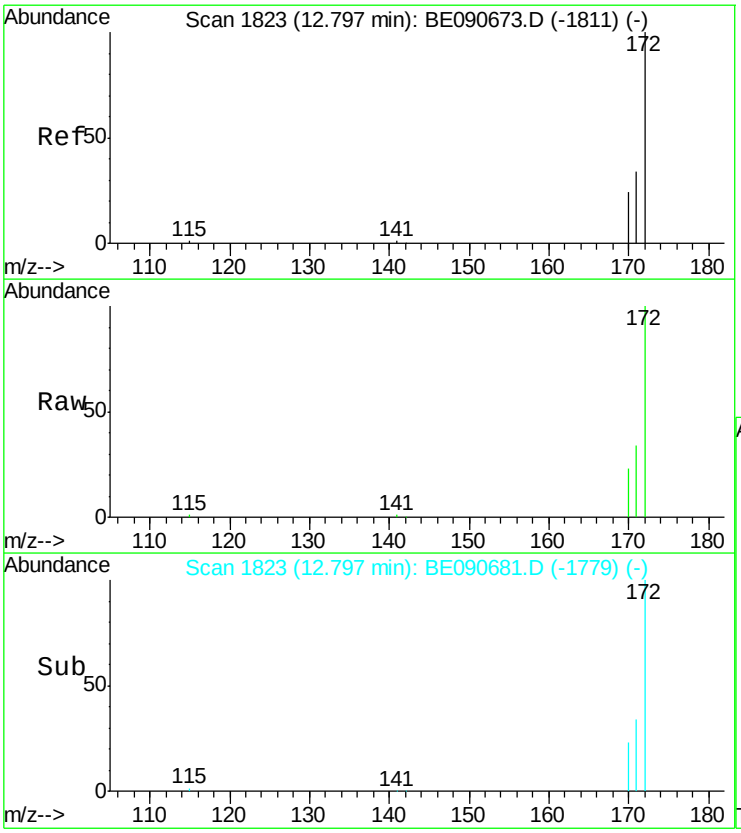
#13
2,4,6-Tribromophenol
Concen: 9.87 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 31230

Ion	Ratio	Lower	Upper
330	100		
332	96.2	74.9	112.3
141	175.3	145.2	217.8

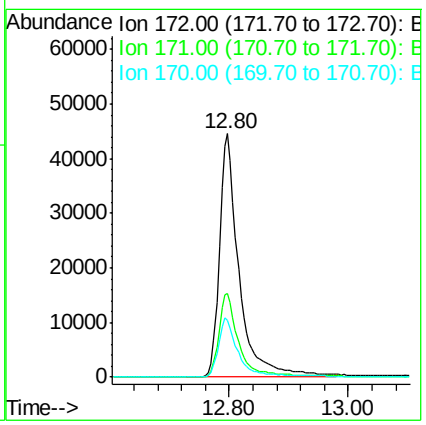


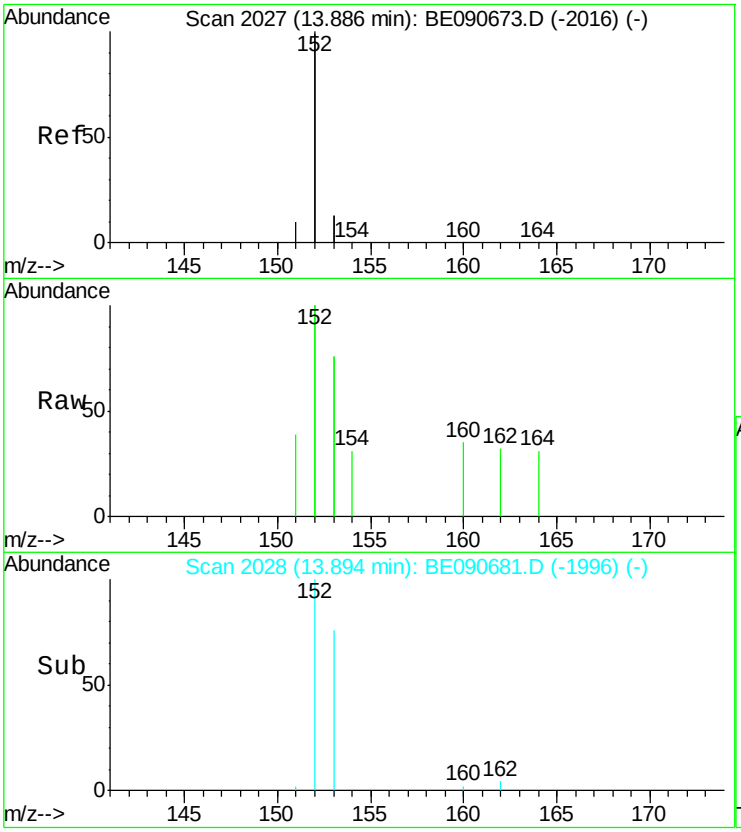


#14
2-Fluorobiphenyl
Concen: 3.43 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:172 Resp: 101927

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.5	19.8	29.6



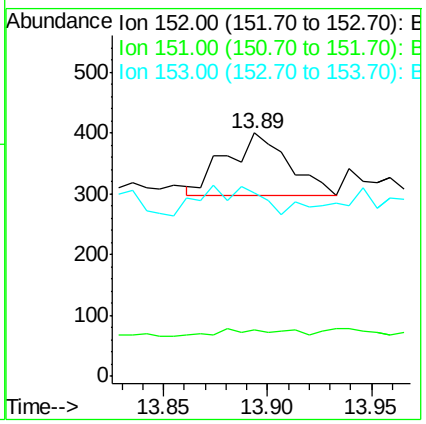


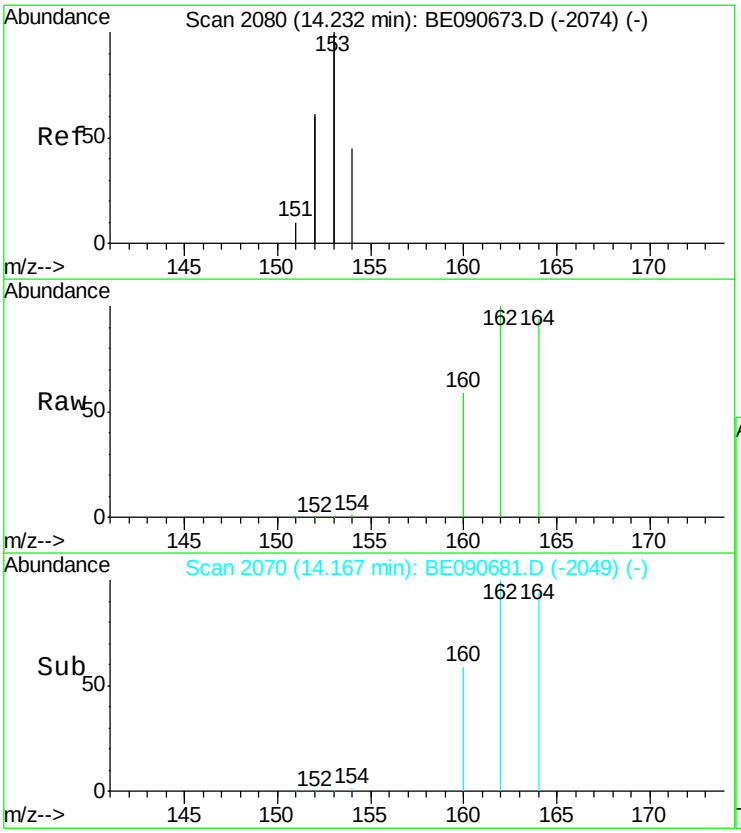
#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 209

Ion	Ratio	Lower	Upper
152	100		
151	14.4	3.9	5.9#
153	23.9	10.3	15.5#

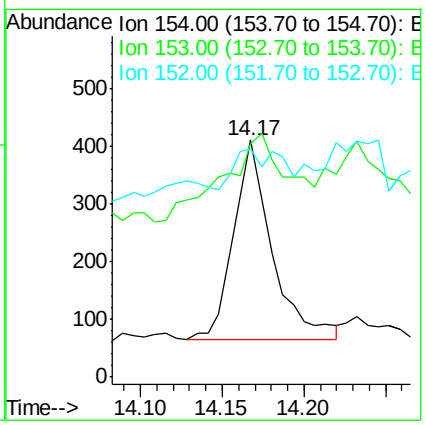


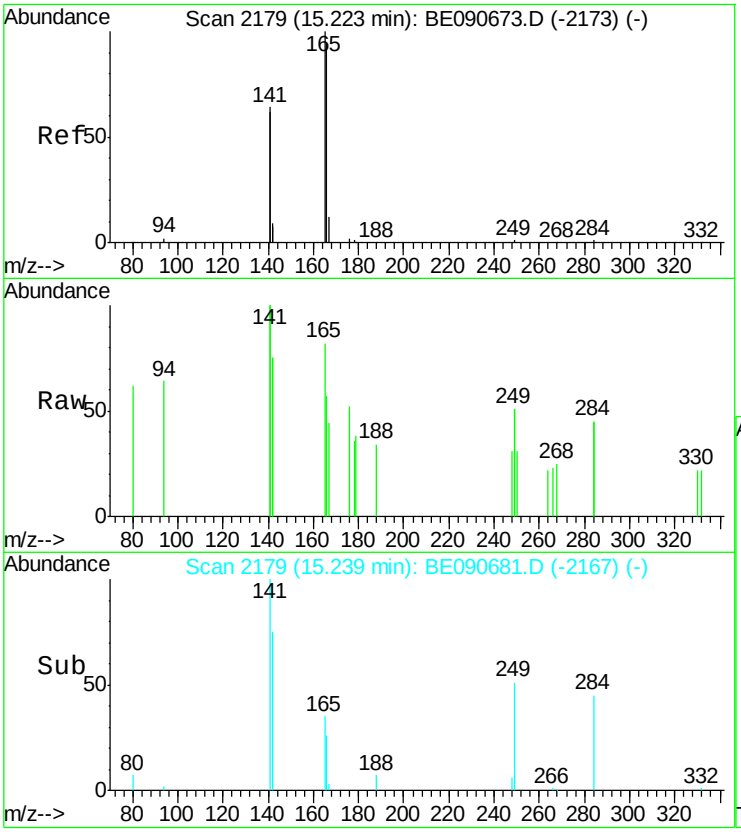


#16
Acenaphthene
Concen: 0.02 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.06 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:154 Resp: 570

Ion	Ratio	Lower	Upper
154	100		
153	74.6	354.5	531.7#
152	30.2	227.8	341.6#



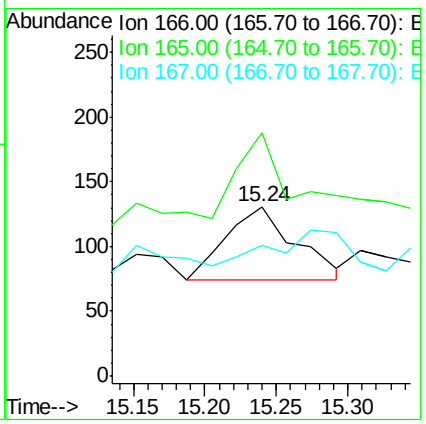


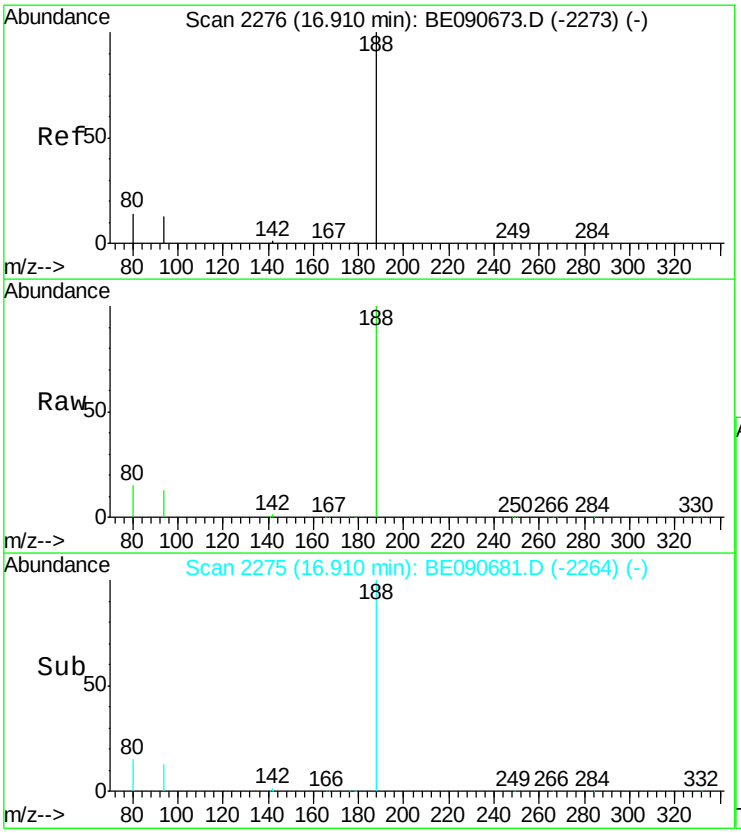
#17
Fluorene
Concen: 0.01 ng
RT: 15.24 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 193

Ion	Ratio	Lower	Upper
166	100		
165	122.3	82.7	124.1
167	0.0	10.7	16.1#

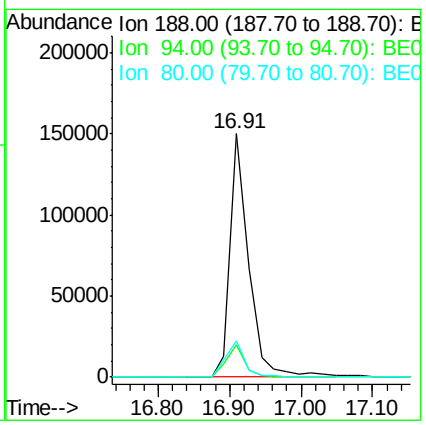


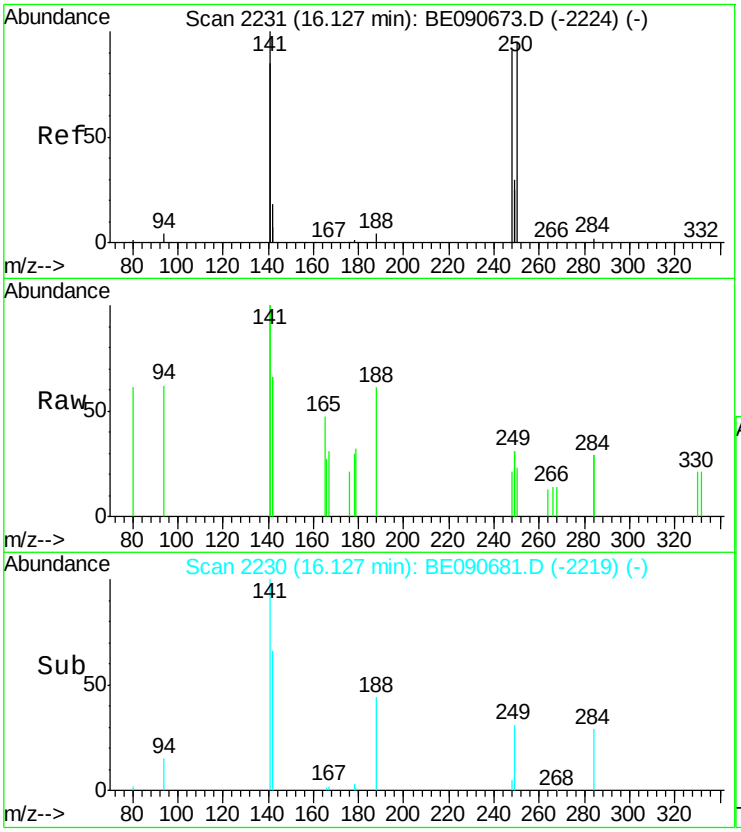


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:188 Resp: 268137

Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.3	15.5
80	14.6	11.0	16.6



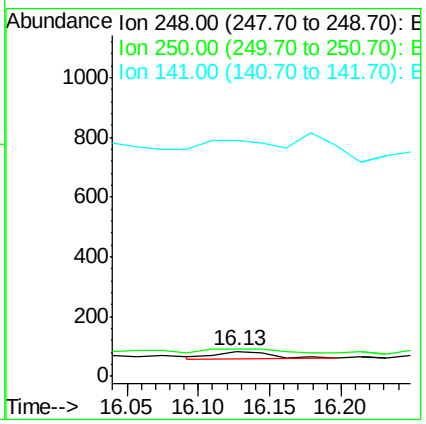


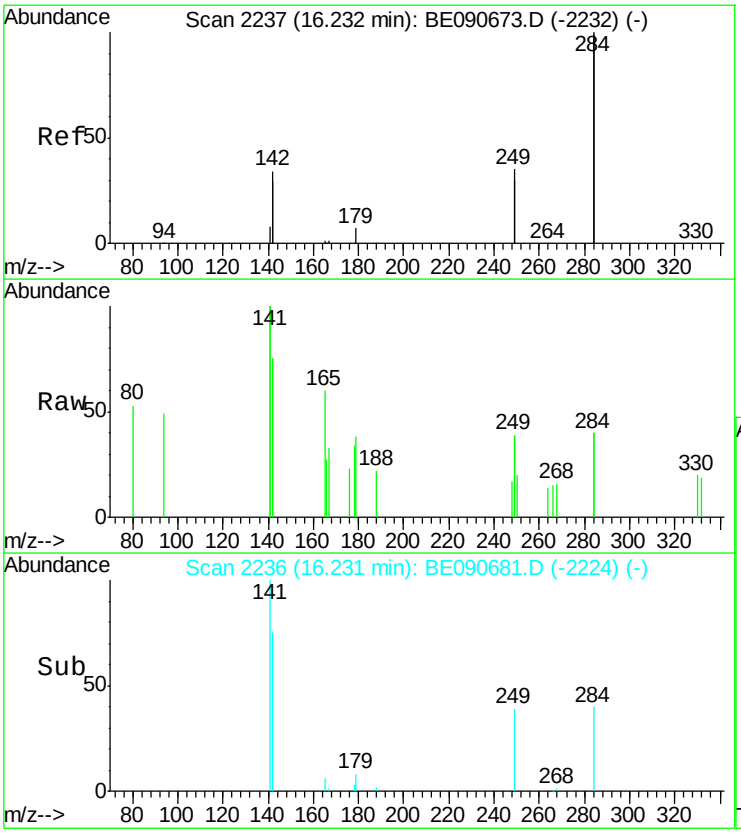
#19
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.13 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 69

Ion	Ratio	Lower	Upper
248	100		
250	76.8	76.7	115.1
141	133.3	292.6	439.0#

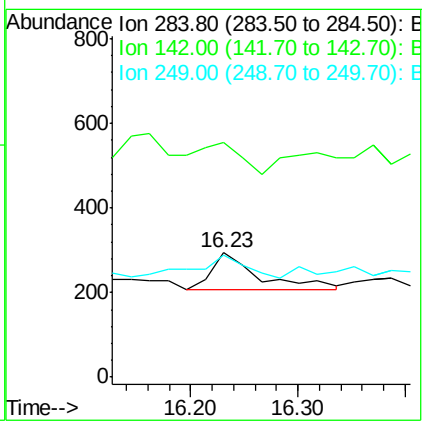


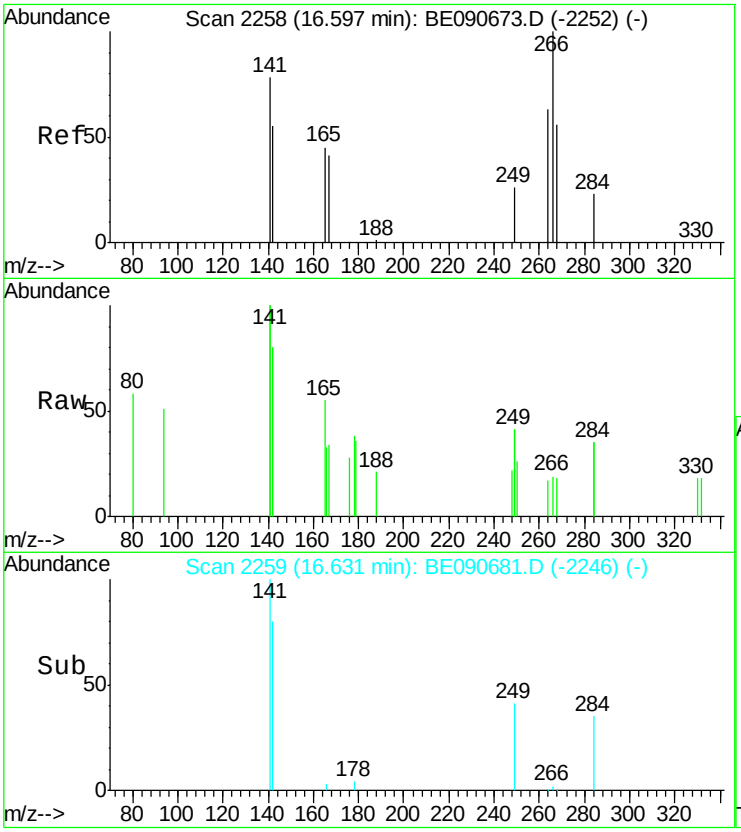


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:284 Resp: 273

Ion	Ratio	Lower	Upper
284	100		
142	71.1	35.0	52.4#
249	64.1	25.5	38.3#



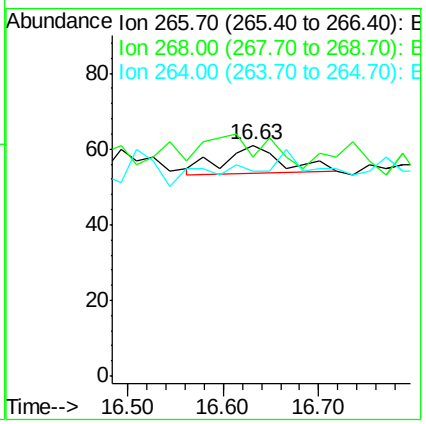


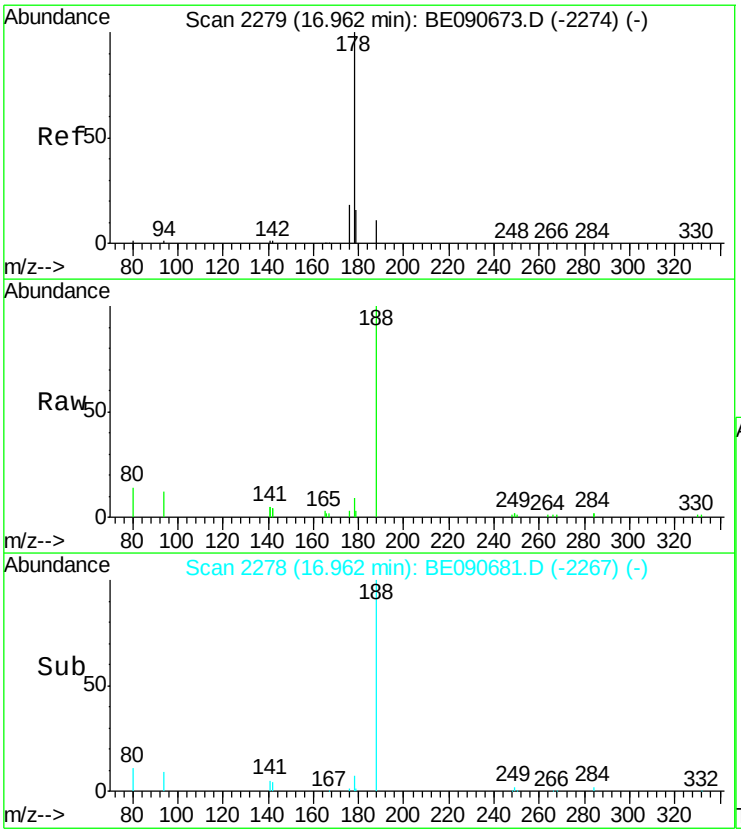
#21
Pentachlorophenol
Concen: Below Cal
RT: 16.63 min Scan# 2259
Delta R.T. 0.03 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 34

Ion	Ratio	Lower	Upper
266	100		
268	95.1	49.6	74.4#
264	88.5	53.9	80.9#

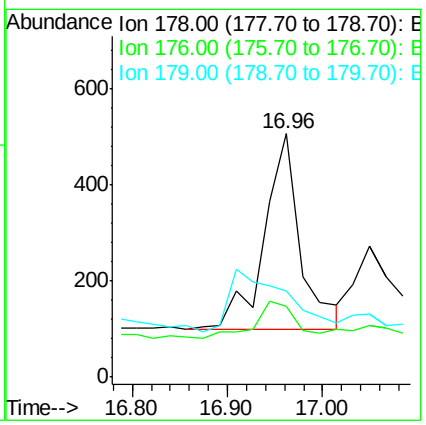


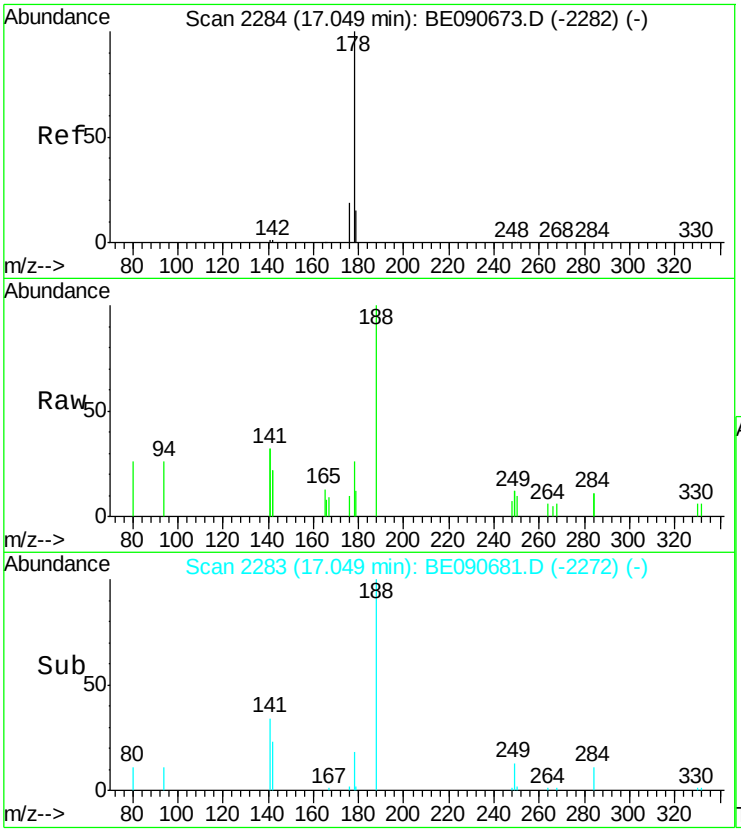


#22
Phenanthrene
Concen: 0.02 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:178 Resp: 1069

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	0.0	12.8	19.2#



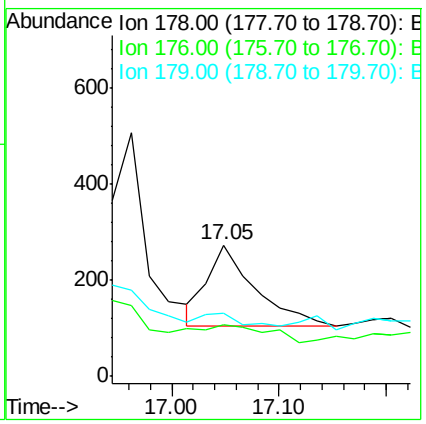


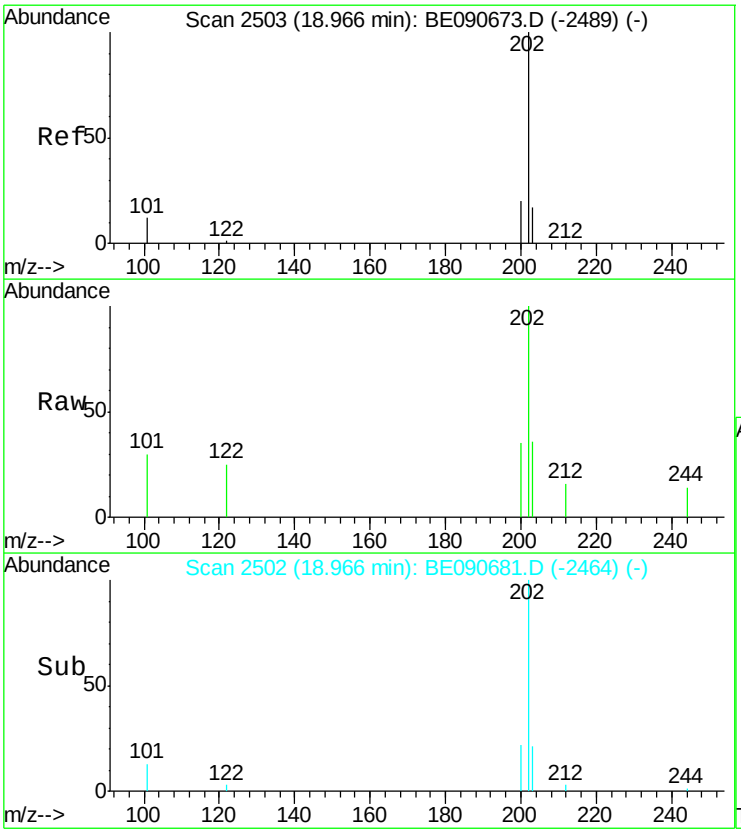
#23
Anthracene
Concen: 0.01 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 519

Ion	Ratio	Lower	Upper
178	100		
176	25.4	15.0	22.6#
179	0.0	12.3	18.5#

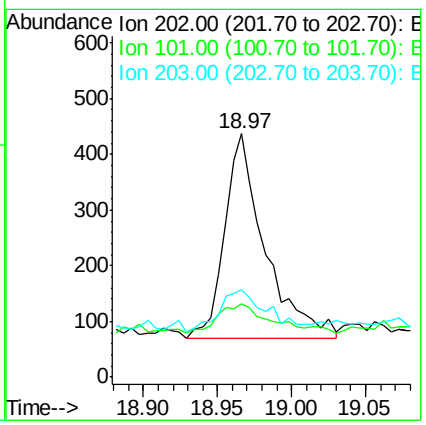


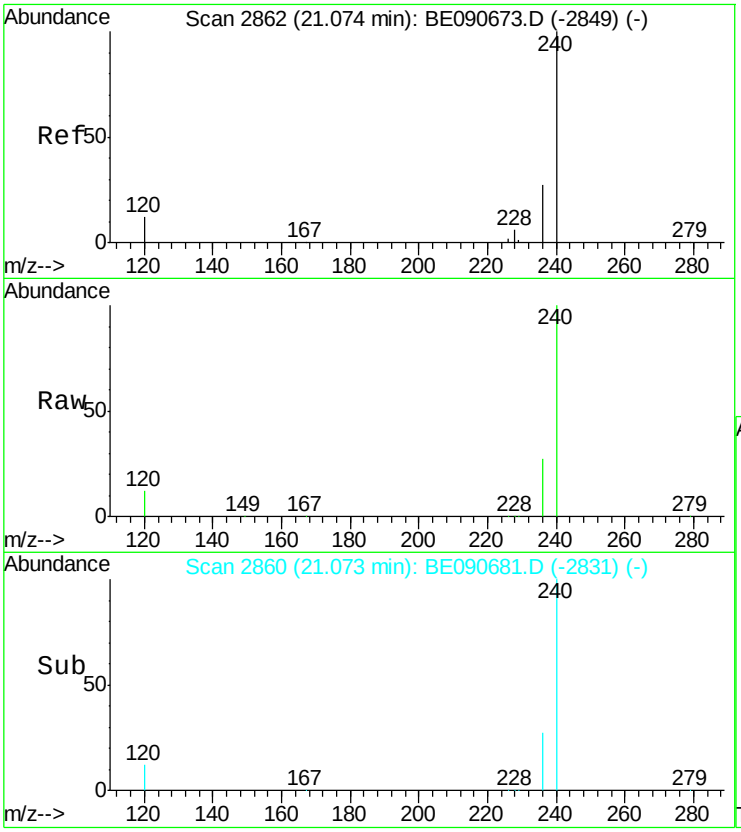


#24
Fluoranthene
Concen: 0.01 ng
RT: 18.97 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:202 Resp: 695

Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.6#
203	24.2	13.9	20.9#



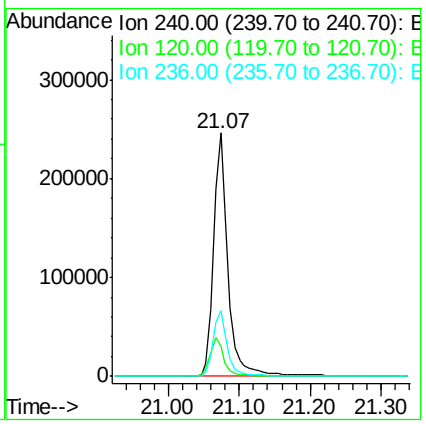


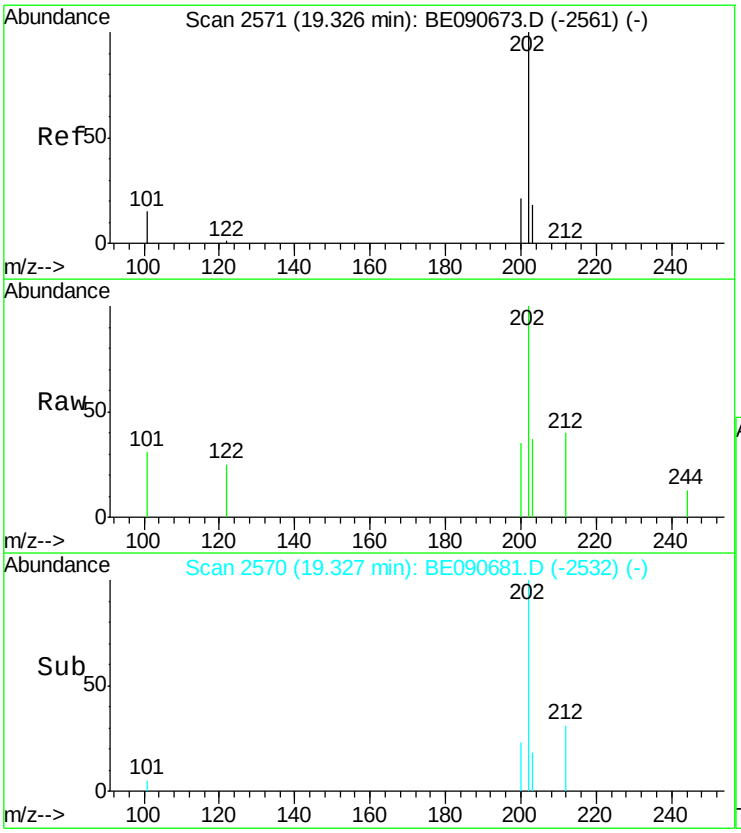
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 349418

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.1	15.1
236	27.1	21.9	32.9

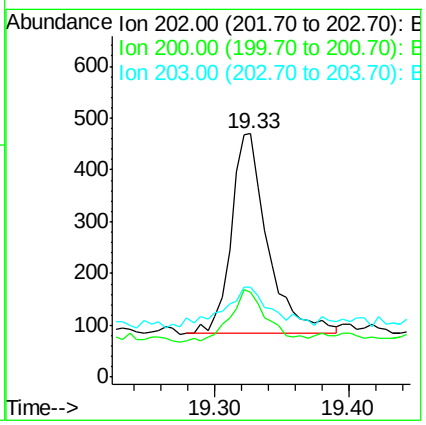


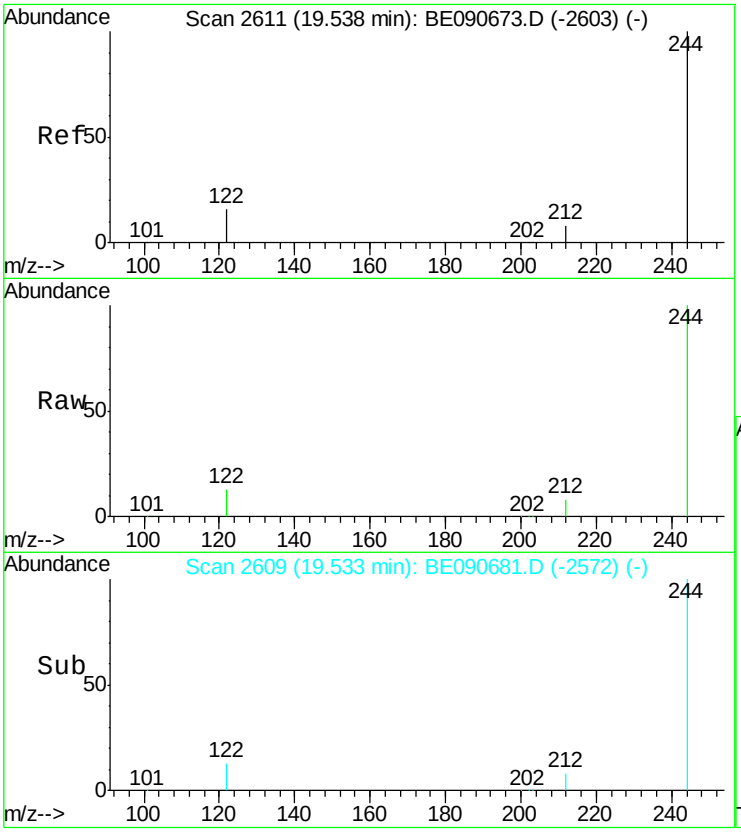


#26
Pyrene
Concen: 0.01 ng
RT: 19.33 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:202 Resp: 727

Ion	Ratio	Lower	Upper
202	100		
200	25.9	16.7	25.1#
203	27.2	13.8	20.6#



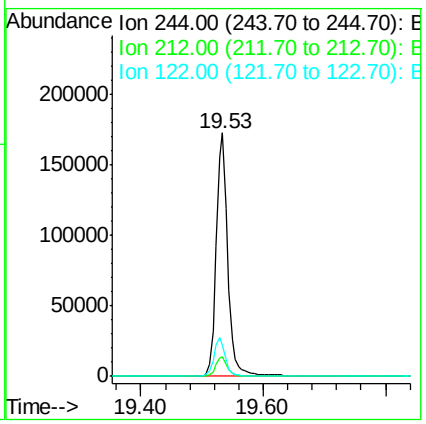


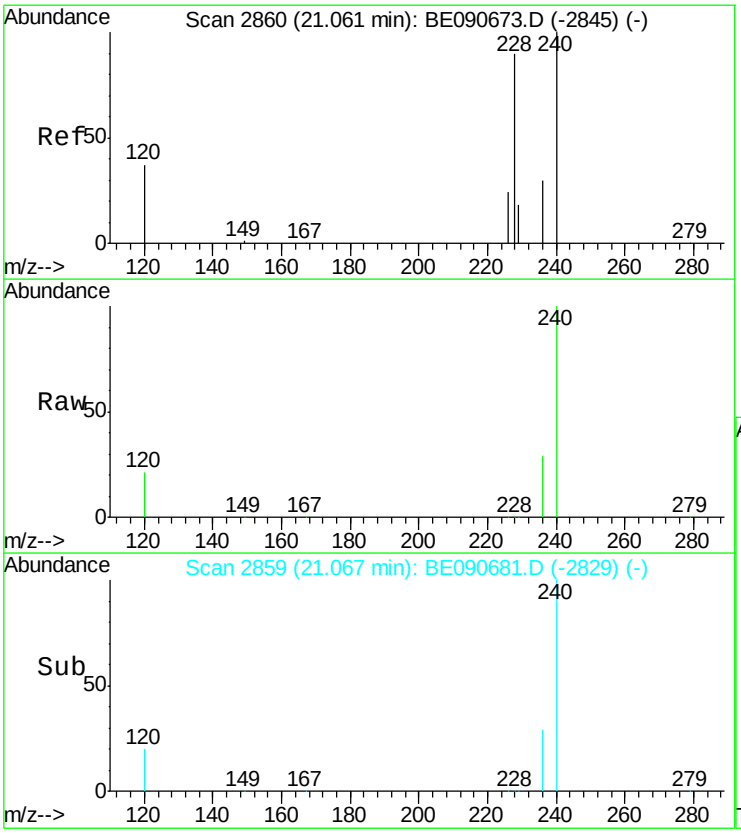
#27
Terphenyl-d14
Concen: 5.90 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 228193

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	12.9	12.9	19.3

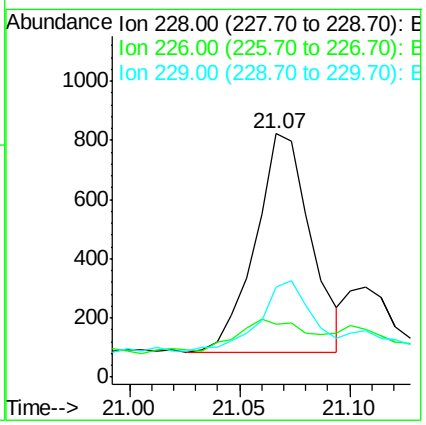


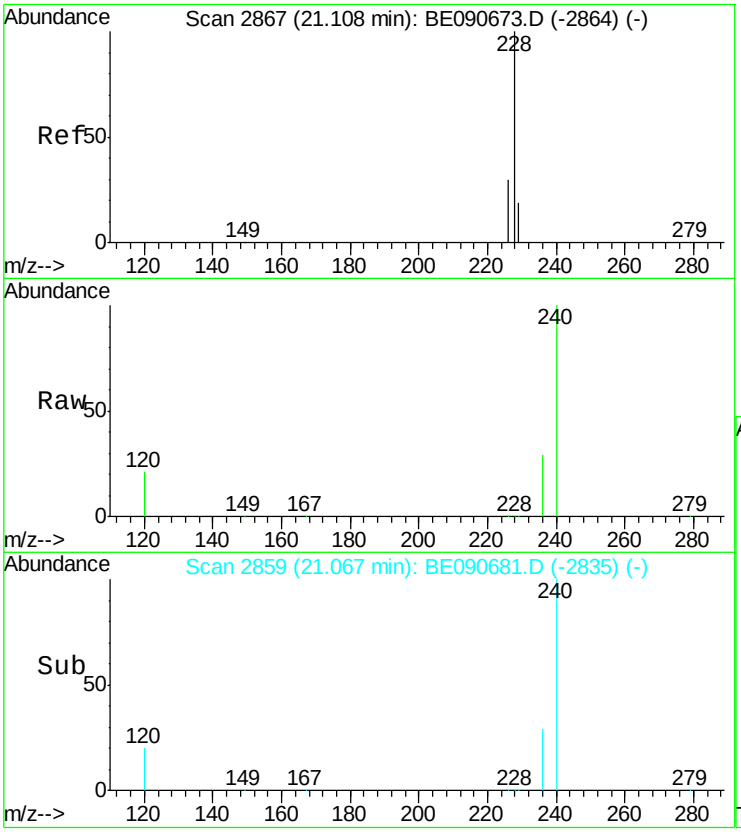


#28
Benzo(a)anthracene
Concen: 0.00 ng
RT: 21.07 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:228 Resp: 1307

Ion	Ratio	Lower	Upper
228	100		
226	21.5	21.6	32.4#
229	36.7	15.9	23.9#



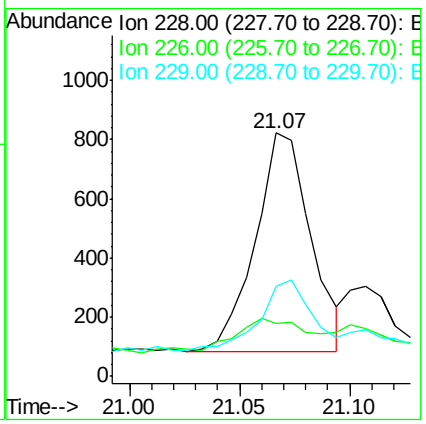


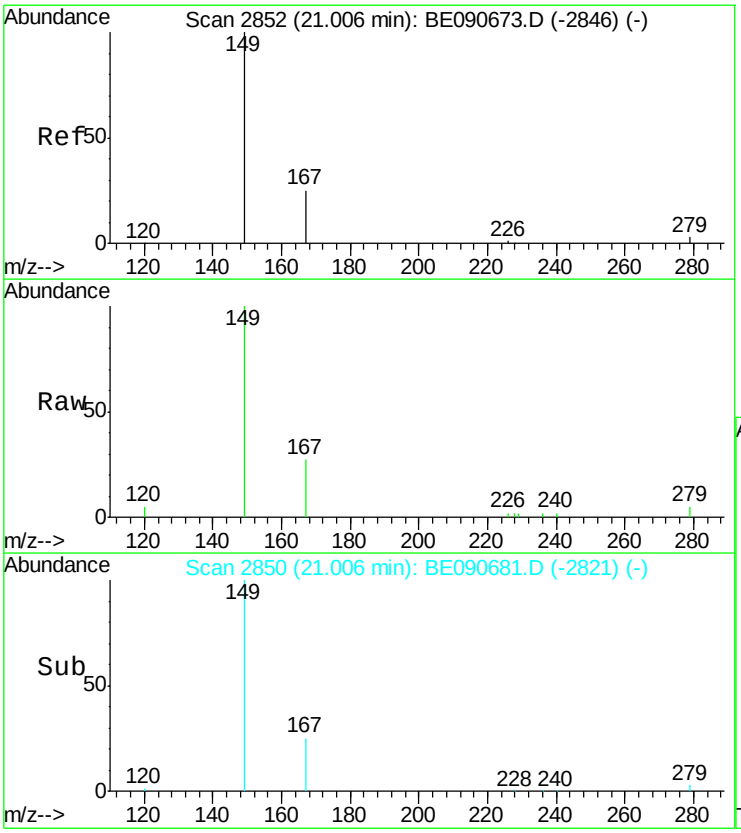
#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2859
Delta R.T. -0.04 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1307

Ion	Ratio	Lower	Upper
228	100		
226	21.5	24.2	36.4#
229	36.7	15.3	22.9#

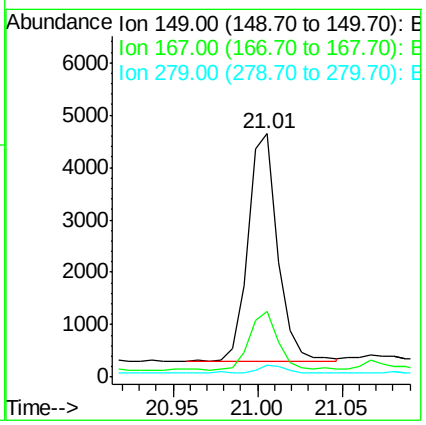


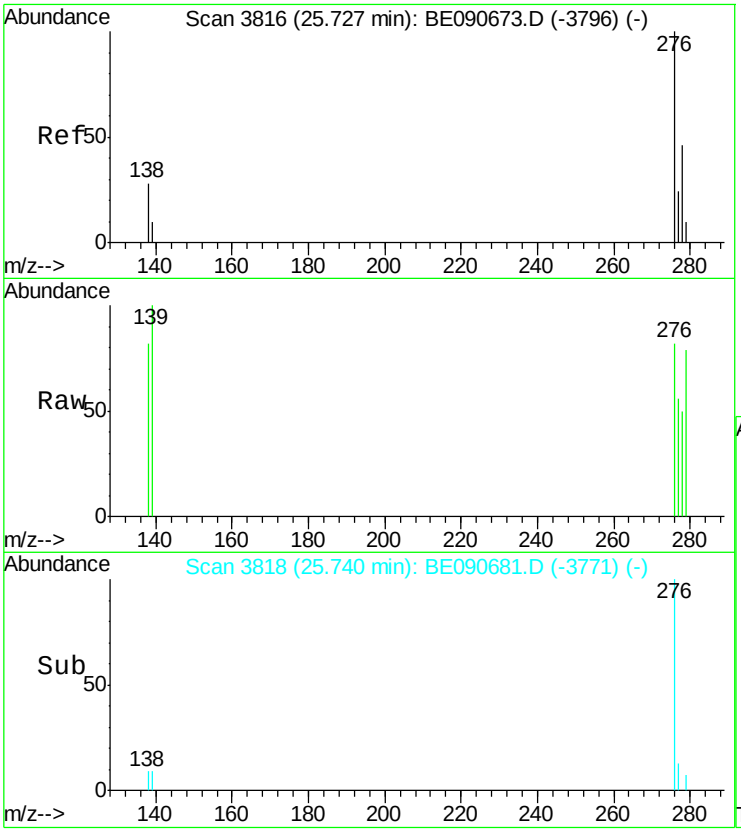


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.01 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:149 Resp: 5273

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.1	30.1
279	4.0	2.3	3.5#



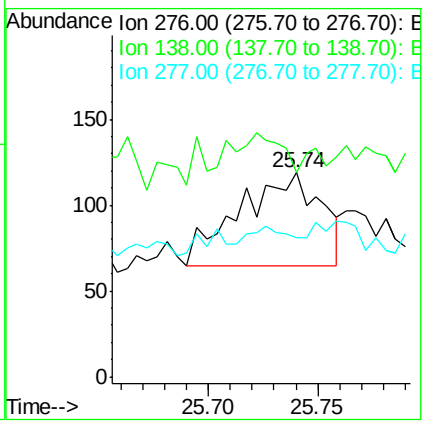


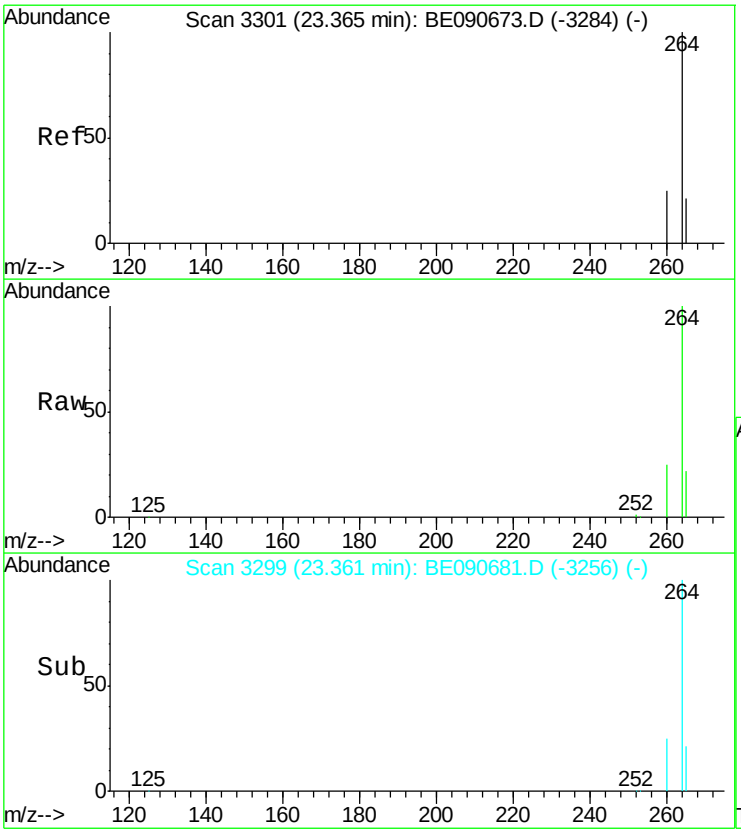
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.74 min Scan# 3818
Delta R.T. 0.01 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 140

Ion	Ratio	Lower	Upper
276	100		
138	5.7	23.3	34.9#
277	0.0	19.8	29.6#

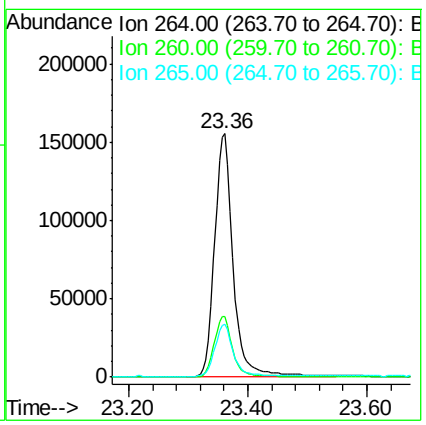


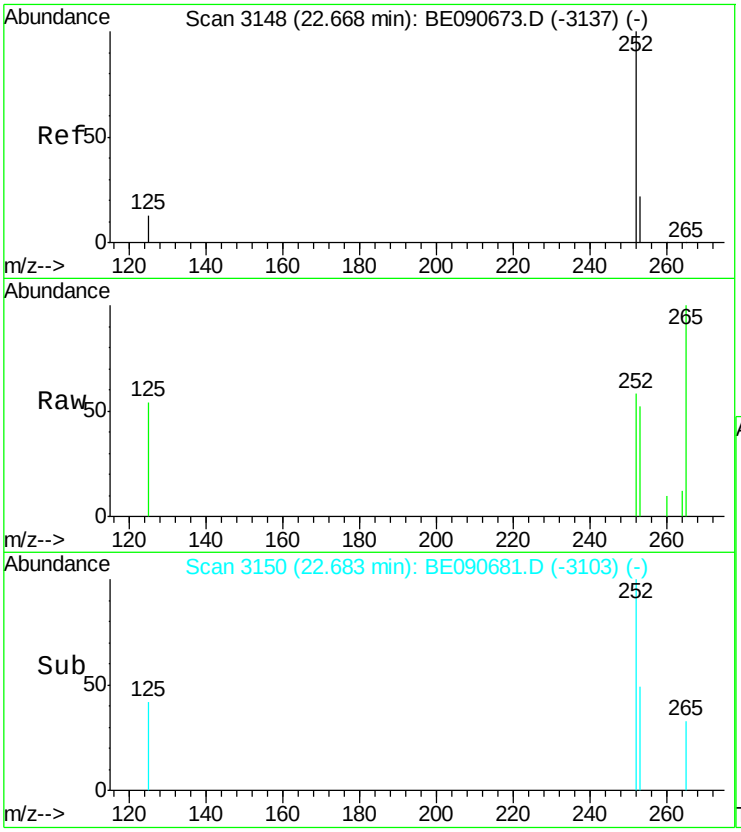


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:264 Resp: 338627

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.9	17.5	26.3



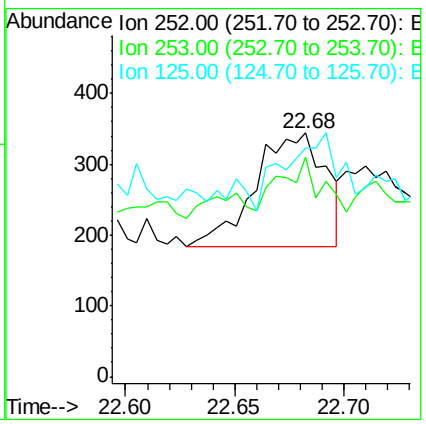


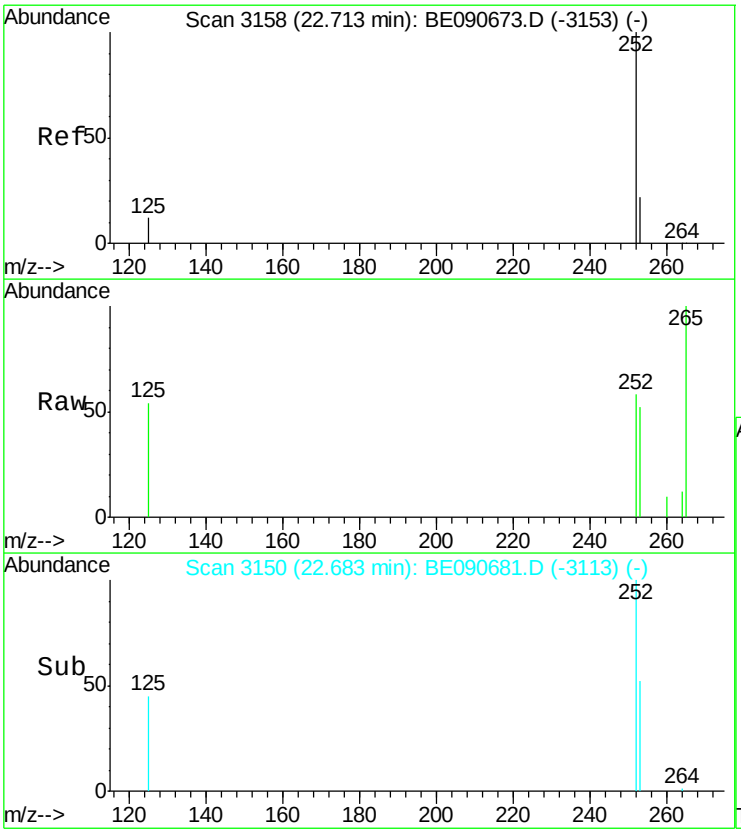
#33
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.68 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 359

Ion	Ratio	Lower	Upper
252	100		
253	90.1	17.9	26.9#
125	93.9	10.6	16.0#

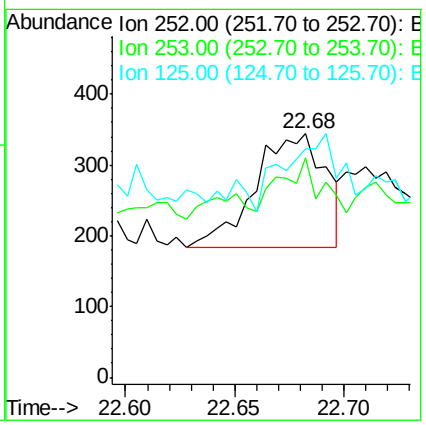


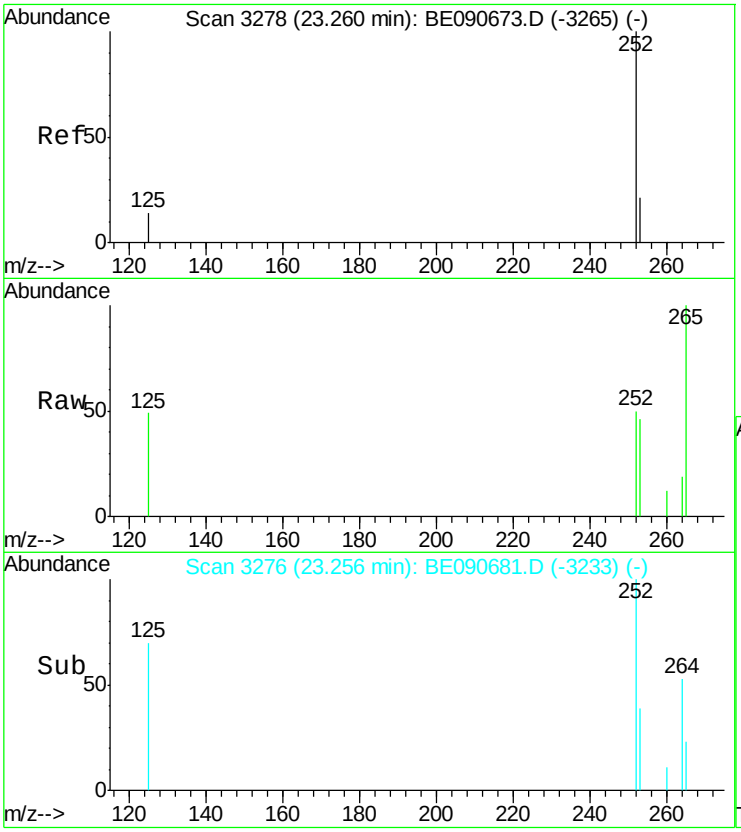


#34
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.68 min Scan# 3150
Delta R.T. -0.03 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:252 Resp: 359

Ion	Ratio	Lower	Upper
252	100		
253	90.1	17.9	26.9#
125	93.9	10.1	15.1#



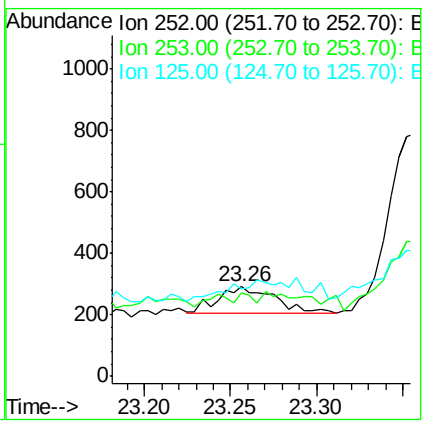


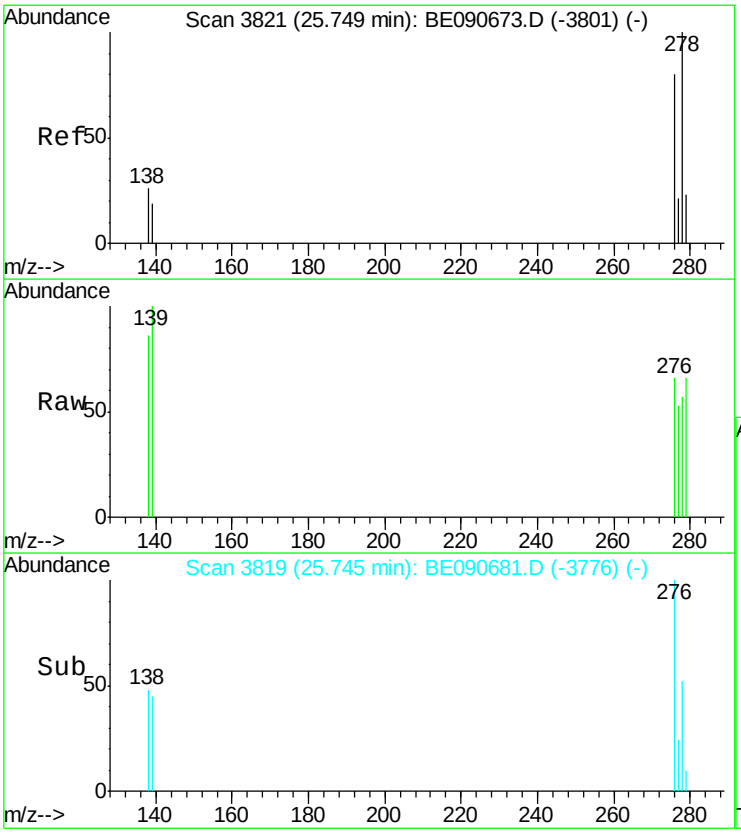
#35
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.26 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 197

Ion	Ratio	Lower	Upper
252	100		
253	93.2	17.5	26.3#
125	97.9	11.6	17.4#

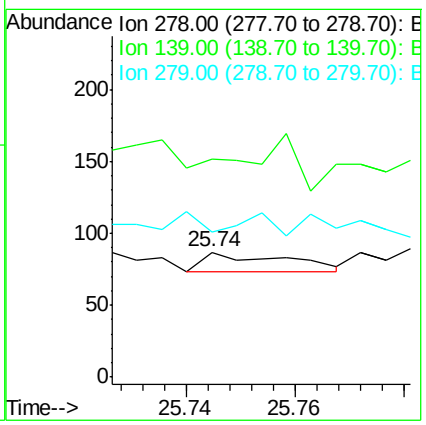


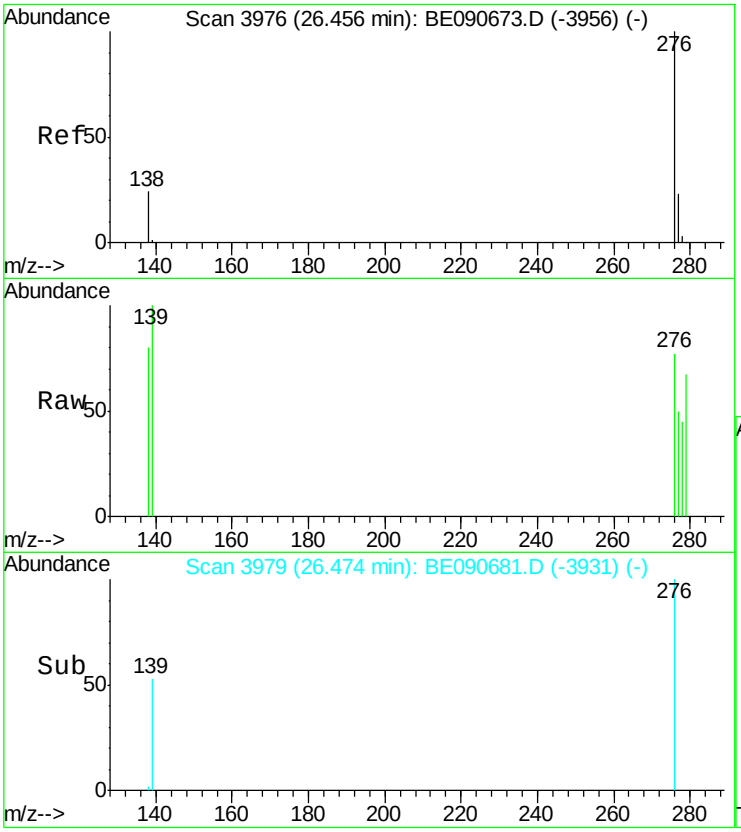


#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3819
Delta R.T. -0.00 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Tgt Ion:278 Resp: 14

Ion	Ratio	Lower	Upper
278	100		
139	174.7	15.4	23.0#
279	116.1	18.8	28.2#





#37
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.47 min Scan# 3979
Delta R.T. 0.02 min
Lab File: BE090681.D
Acq: 2 Sep 2015 00:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 194

Ion	Ratio	Lower	Upper
276	100		
277	65.3	18.5	27.7#
138	103.4	20.1	30.1#