Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090683.D
Acq On : 2 Sep 2015 1:23
Operator : UM/IZ
Sample : PB85250BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 02 03:05:14 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	61656	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	287265	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	151867	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	359434	5.00	ng		0.00
25) Chrysene-d12	21.07	240	464823	5.00	ng		0.00
32) Perylene-d12	23.36	264	427016	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	97568	8.12	ng		0.00
5) Phenol-d6	6.74	99	149159	8.69	ng		0.00
7) Nitrobenzene-d5	8.69	82	73513	3.87	ng		-0.01
13) 2,4,6-Tribromophenol	15.67	330	43099	9.63	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	144241	3.43	ng		0.00
27) Terphenyl-d14	19.53	244	257390	5.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	25412	3.10	ng		98
3) n-Nitrosodimethylamine	3.45	42	33781	3.06	ng	#	90
8) Nitrobenzene	8.73	77	72704	3.16	ng		98
9) Naphthalene	10.36	128	185588	2.96	ng		99
10) Hexachlorobutadiene	10.65	225	27926	2.85	ng		98
11) 2-Methylnaphthalene	11.97	142	120123	3.54	ng		99
15) Acenaphthylene	13.88	152	818188	3.37	ng		100
16) Acenaphthene	14.23	154	128237	3.16	ng		92
17) Fluorene	15.22	166	171915	3.40	ng		96
19) 4-Bromophenyl-phenylether	16.11	248	44047	3.59	ng		96
20) Hexachlorobenzene	16.23	284	212640	3.60	ng		97
21) Pentachlorophenol	16.58	266	45313	9.04	ng		95
22) Phenanthrene	16.94	178	297287	3.34	ng		99
23) Anthracene	17.05	178	290677	3.91	ng		100
24) Fluoranthene	18.96	202	357685	3.81	ng		99
26) Pyrene	19.32	202	399176	4.15	ng		99
28) Benzo(a)anthracene	21.05	228	391957	3.84	ng		99
29) Chrysene	21.11	228	393965	3.65	ng		98
30) Bis(2-ethylhexyl)phthalate	21.00	149	170074	4.87	ng		99
31) Indeno(1,2,3-cd)pyrene	25.72	276	428802	3.90	ng		99
33) Benzo(b)fluoranthene	22.66	252	362280	3.91	ng		99
34) Benzo(k)fluoranthene	22.71	252	412247	3.82	ng		99
35) Benzo(a)pyrene	23.25	252	348415	4.21	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	354571	3.55	ng		100
37) Benzo(g,h,i)perylene	26.44	276	362648	3.81	ng		98

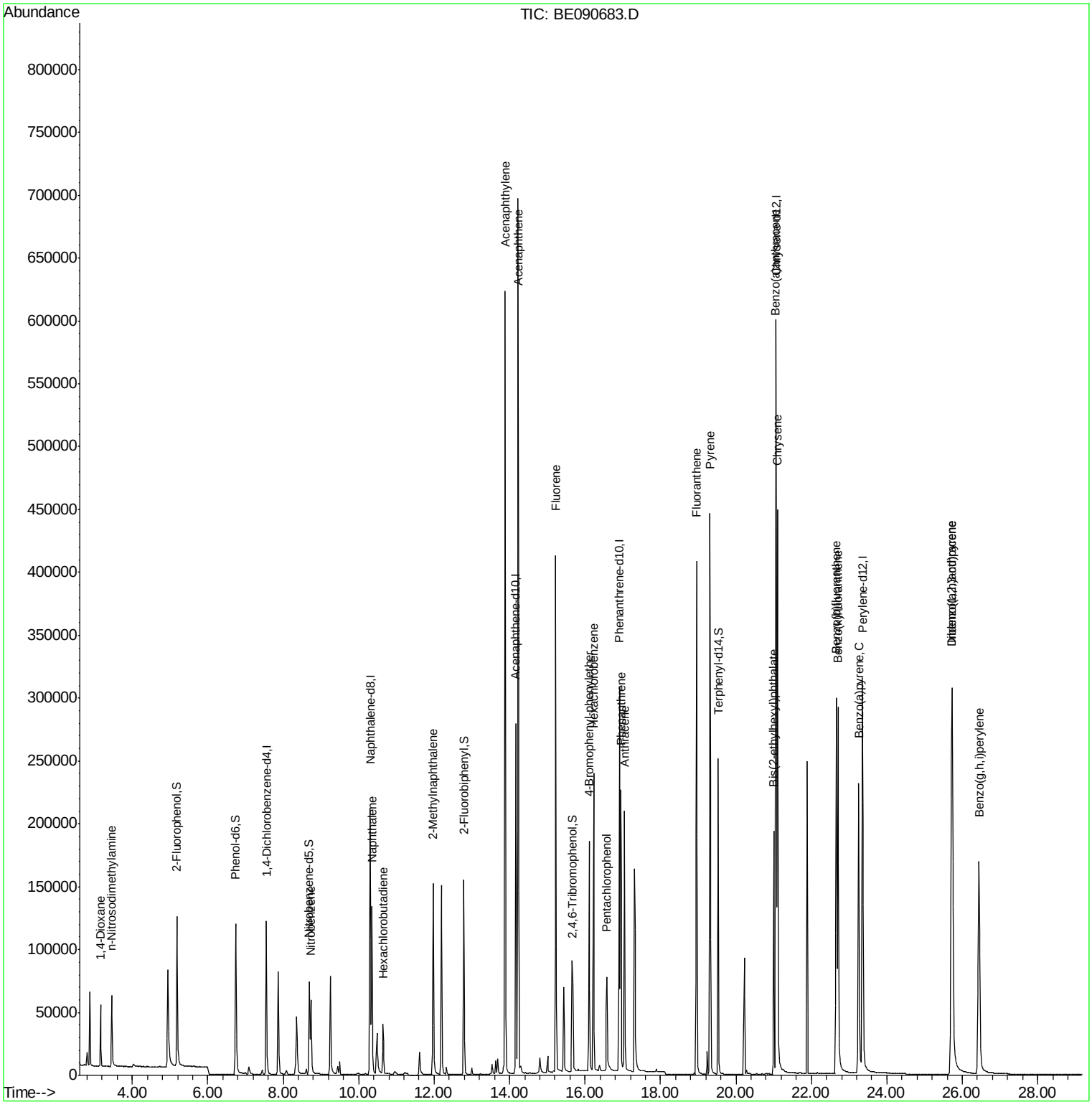
(#) = qualifier out of range (m) = manual integration (+) = signals summed

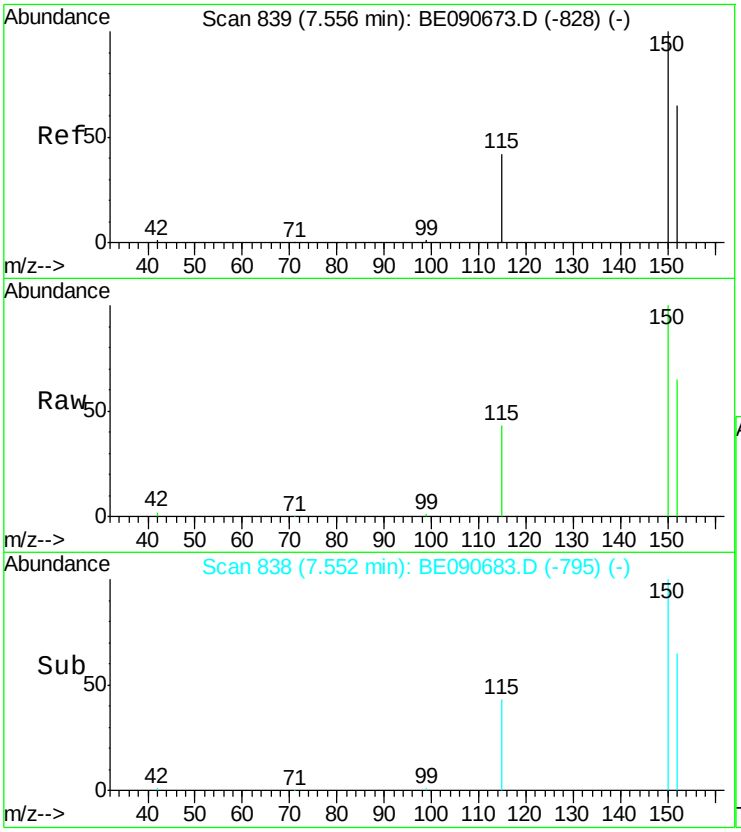
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090683.D
Acq On : 2 Sep 2015 1:23
Operator : UM/IZ
Sample : PB85250BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 02 03:05:14 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



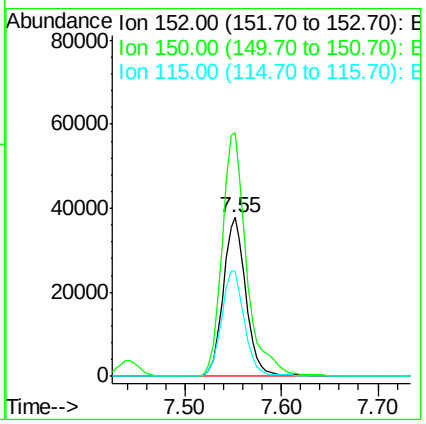


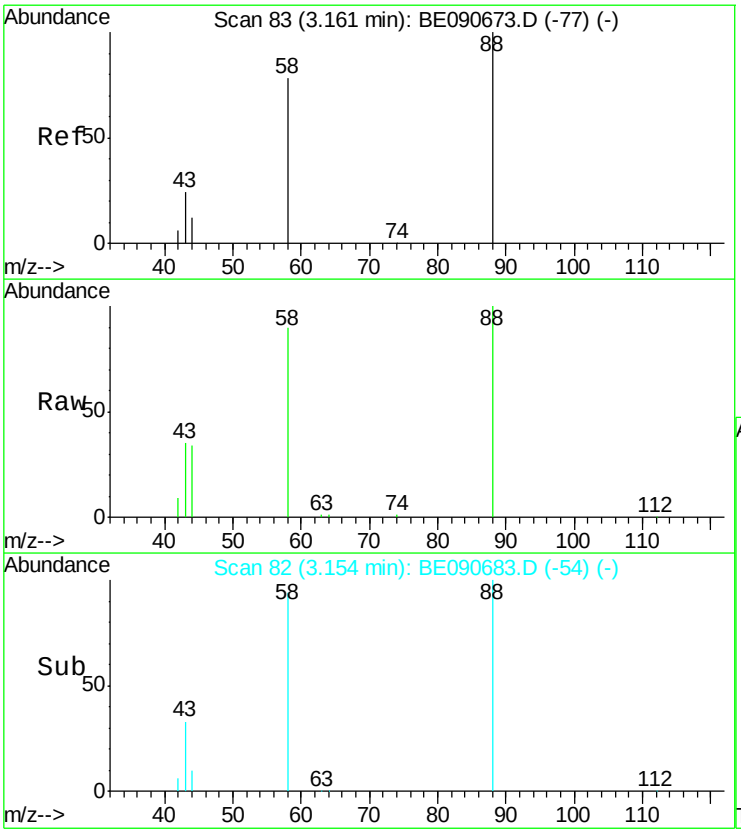
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 61656

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.2	183.4
115	66.0	51.0	76.4

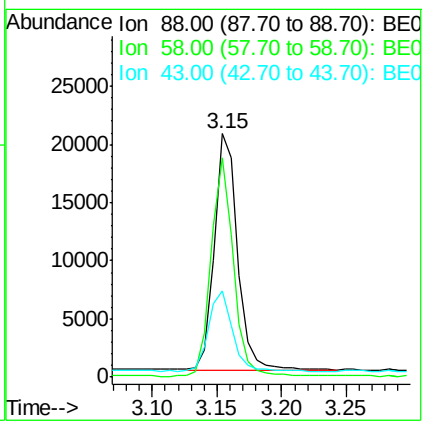


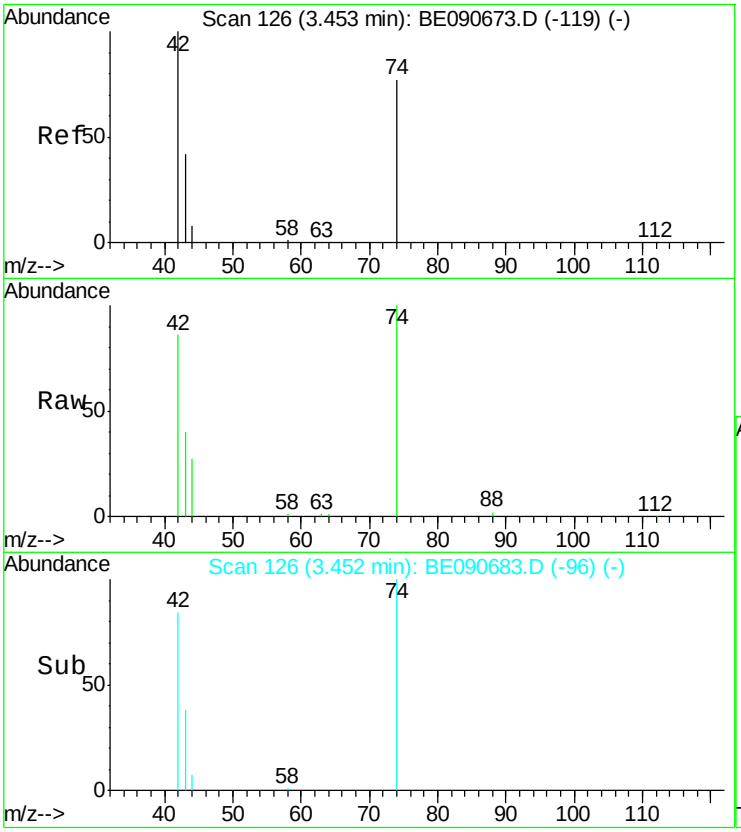


#2
1,4-Dioxane
Concen: 3.10 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion: 88 Resp: 25412

Ion	Ratio	Lower	Upper
88	100		
58	88.2	68.4	102.6
43	34.3	26.9	40.3



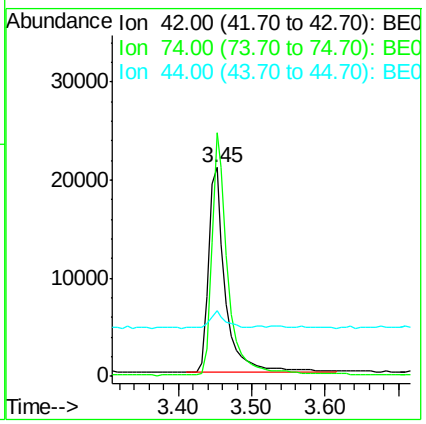


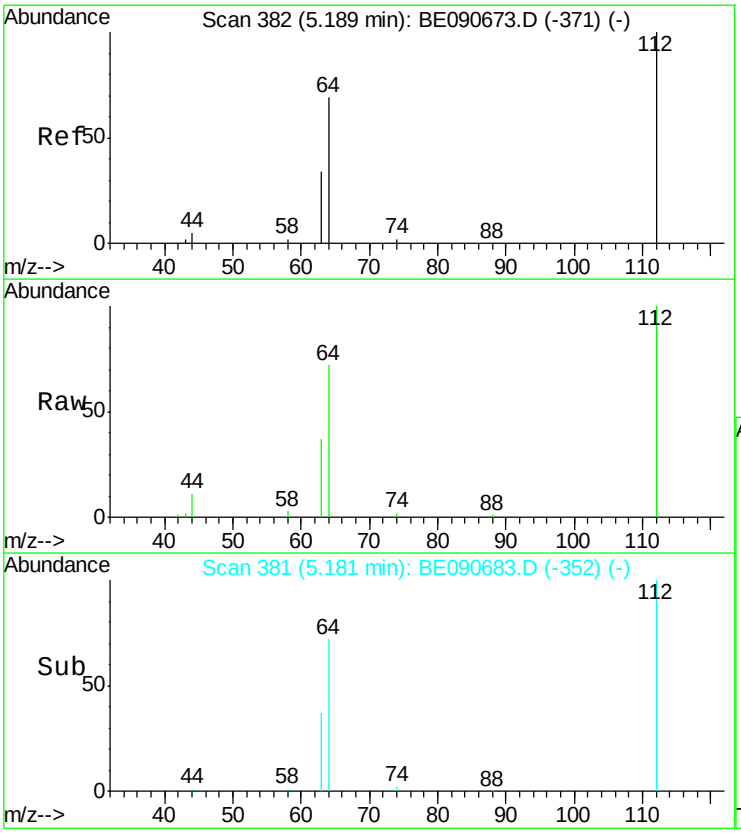
#3
n-Nitrosodimethylamine
Concen: 3.06 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 33781

Ion	Ratio	Lower	Upper
42	100		
74	114.2	83.7	125.5
44	8.3	10.0	15.0#

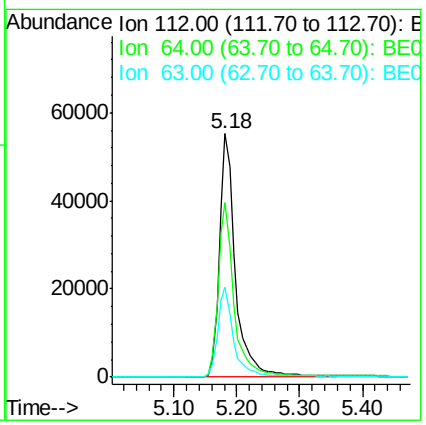


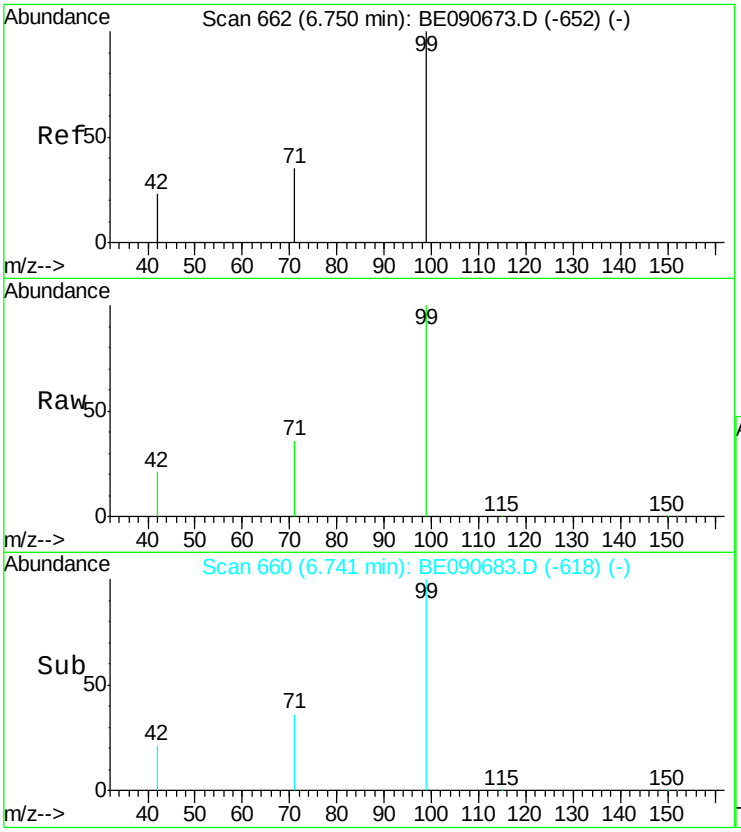


#4
2-Fluorophenol
Concen: 8.12 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:112 Resp: 97568

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.3	85.9
63	36.5	29.2	43.8



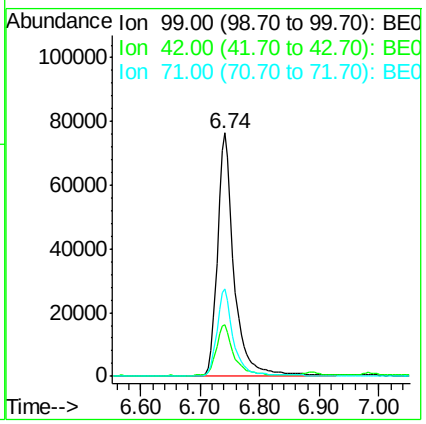


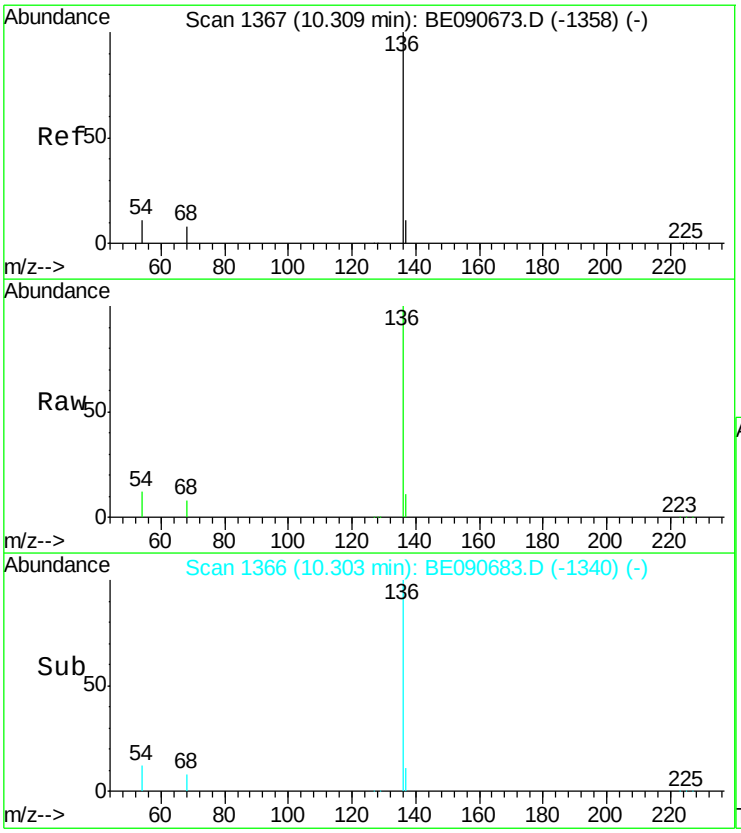
#5
Phenol-d6
Concen: 8.69 ng
RT: 6.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 149159

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.8	25.2
71	35.9	28.3	42.5

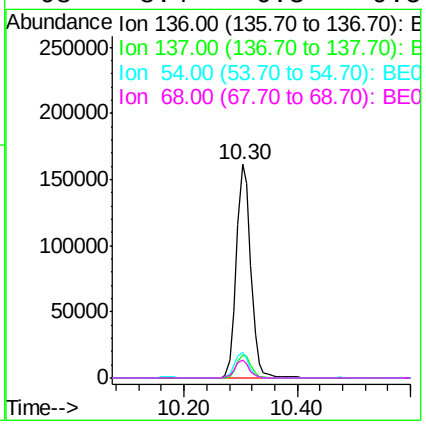


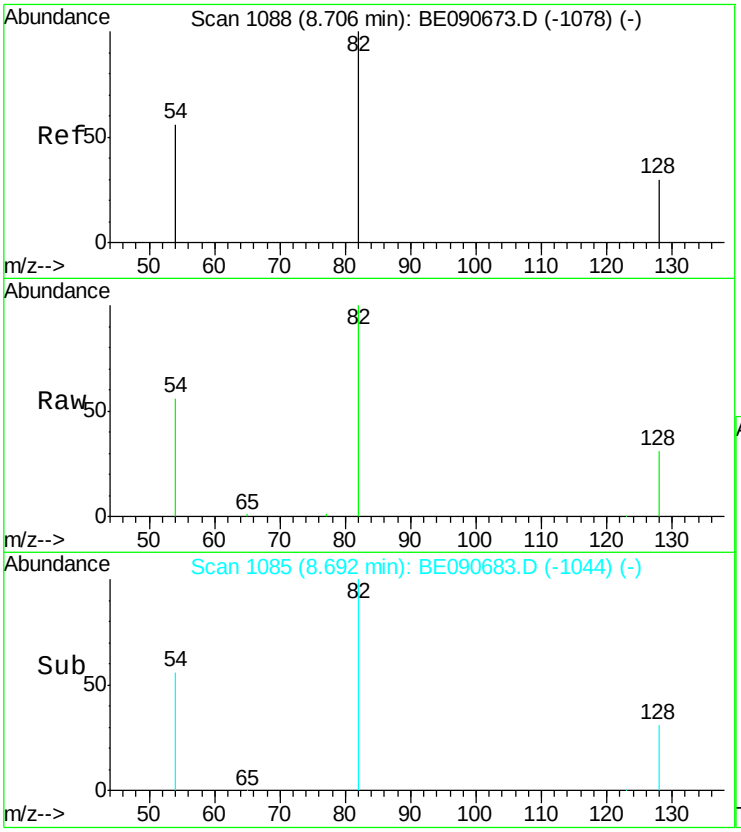


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:136 Resp: 287265

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.9	9.0	13.6
68	8.4	6.3	9.5



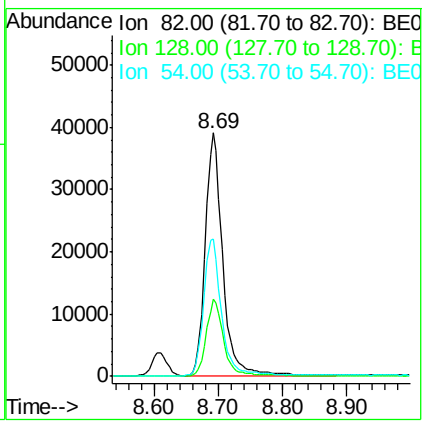


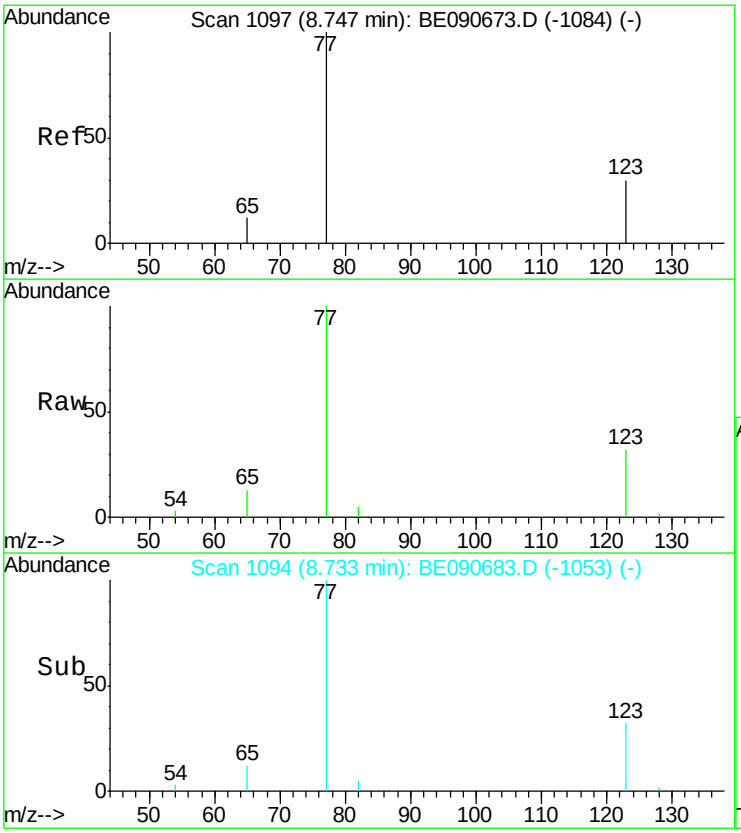
#7
Nitrobenzene-d5
Concen: 3.87 ng
RT: 8.69 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 73513

Ion	Ratio	Lower	Upper
82	100		
128	31.5	25.0	37.4
54	56.2	46.3	69.5

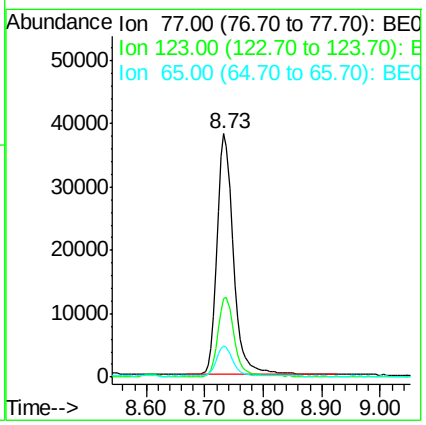


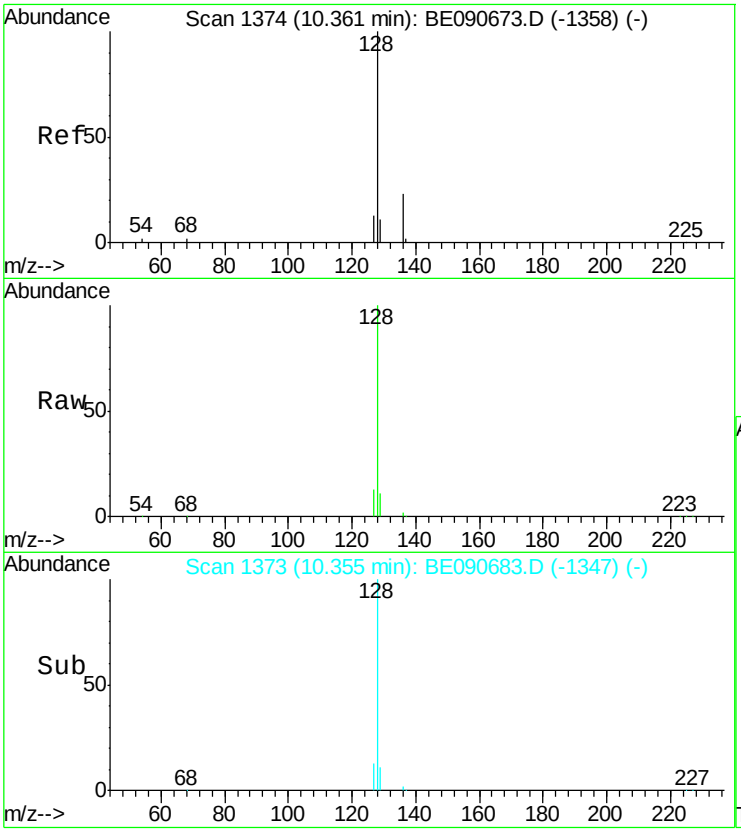


#8
Nitrobenzene
Concen: 3.16 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion: 77 Resp: 72704

Ion	Ratio	Lower	Upper
77	100		
123	33.1	25.1	37.7
65	12.7	9.9	14.9



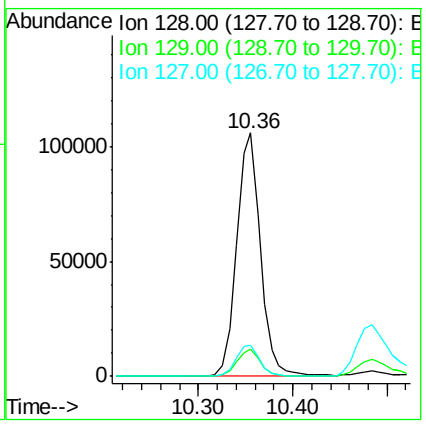


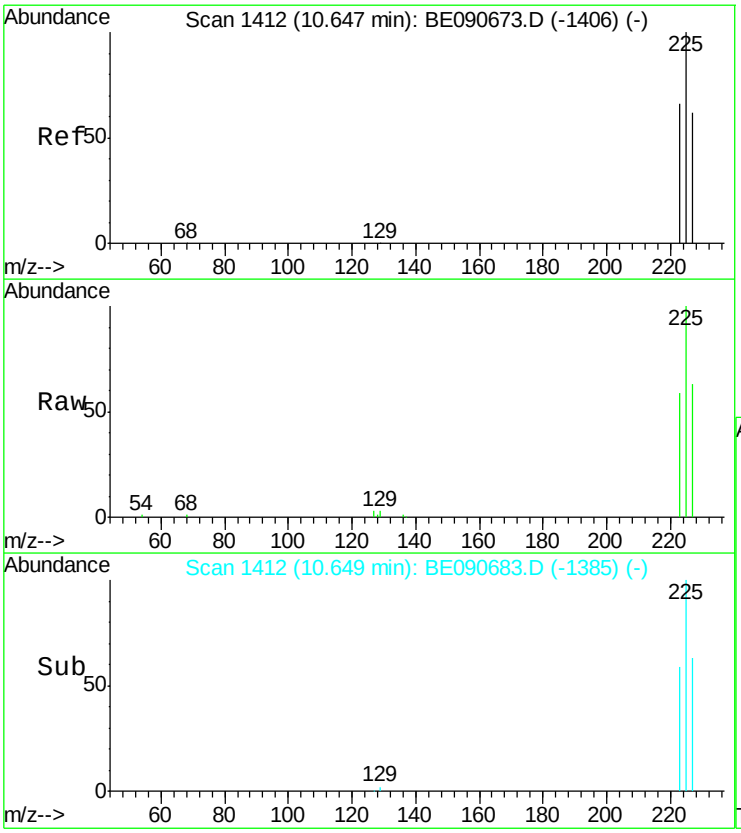
#9
Naphthalene
Concen: 2.96 ng
RT: 10.36 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 185588

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.9	10.6	15.8

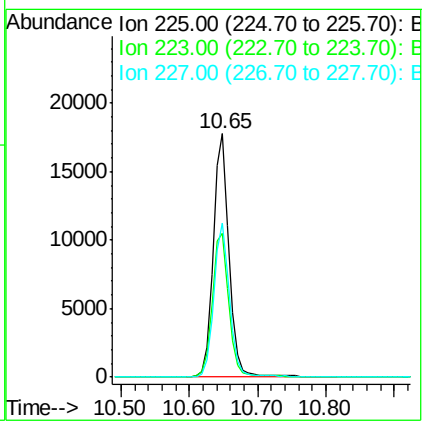


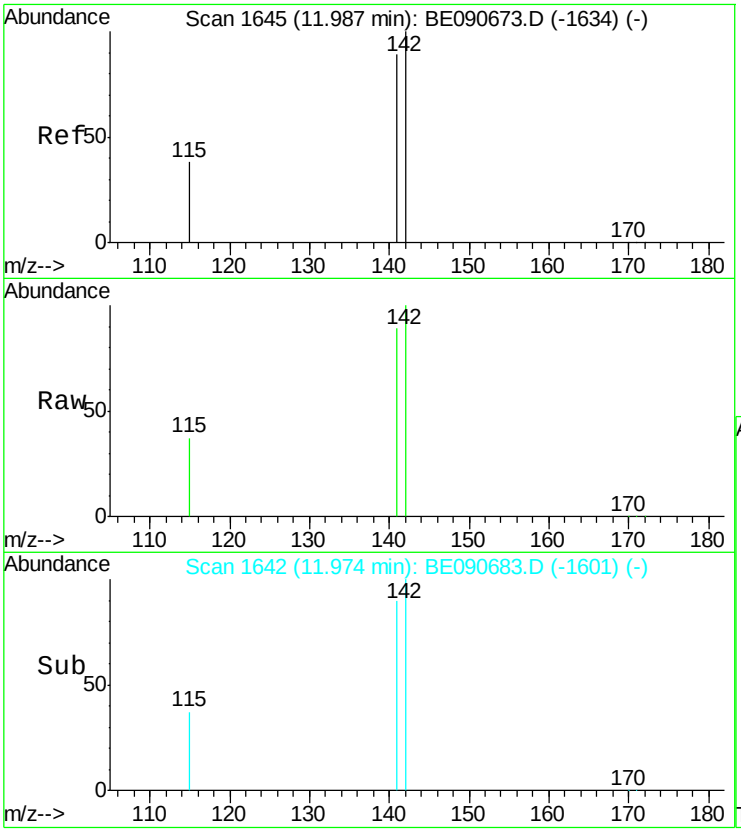


#10
Hexachlorobutadiene
Concen: 2.85 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:225 Resp: 27926

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	62.6	51.0	76.6



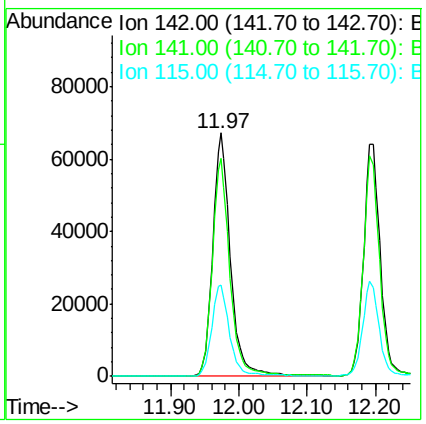


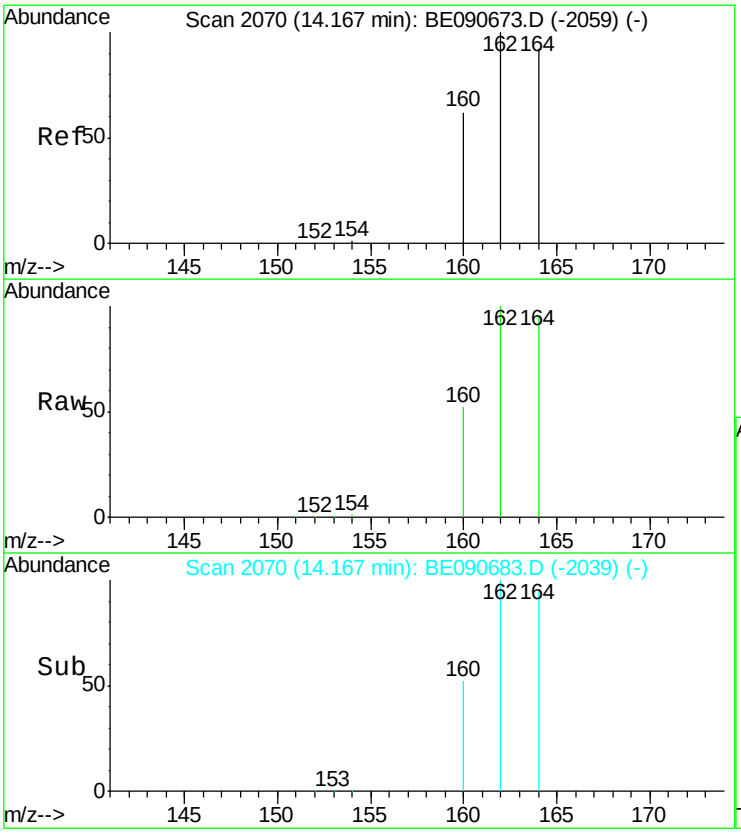
#11
2-Methylnaphthalene
Concen: 3.54 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 120123

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	37.4	31.0	46.4

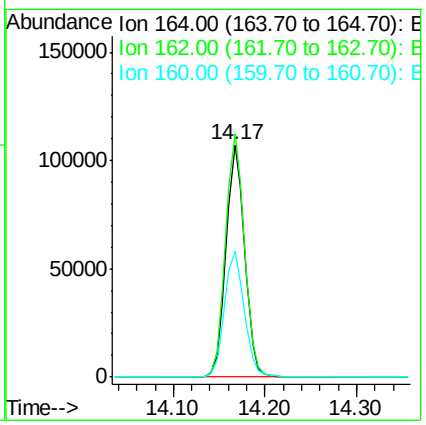


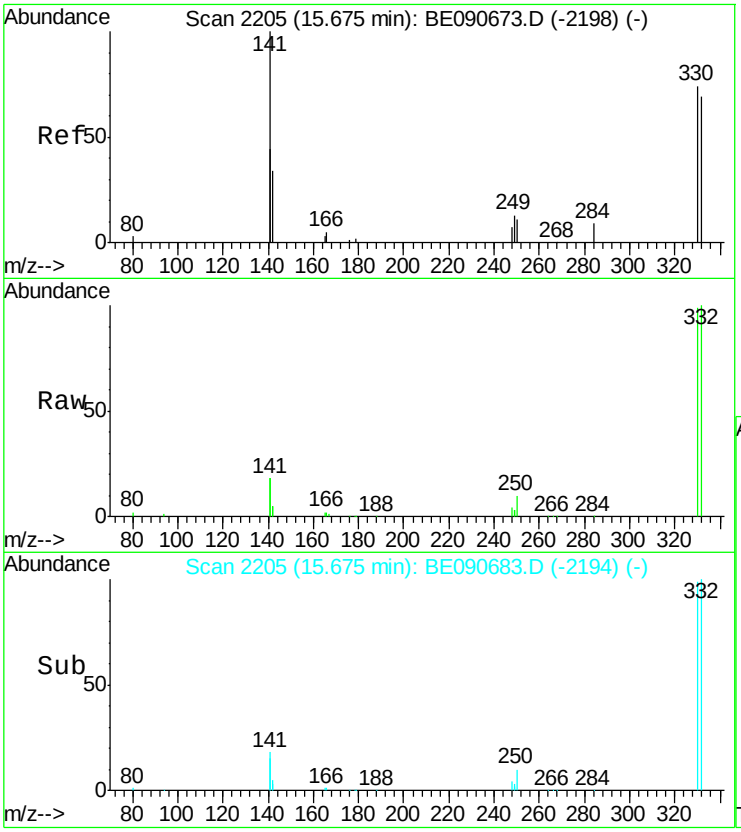


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:164 Resp: 151867

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.8	130.2
160	54.1	53.9	80.9



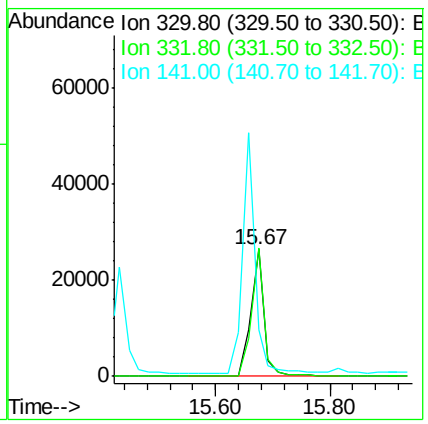


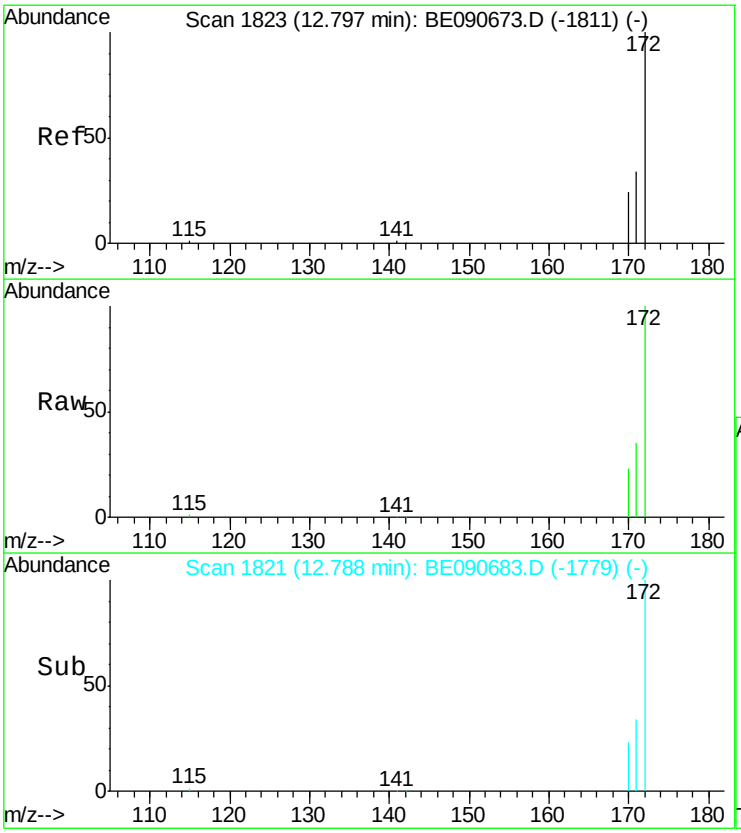
#13
2,4,6-Tribromophenol
Concen: 9.63 ng
RT: 15.67 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 43099

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.9	112.3
141	173.5	145.2	217.8

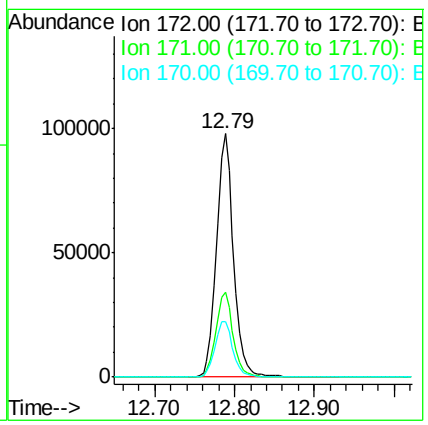


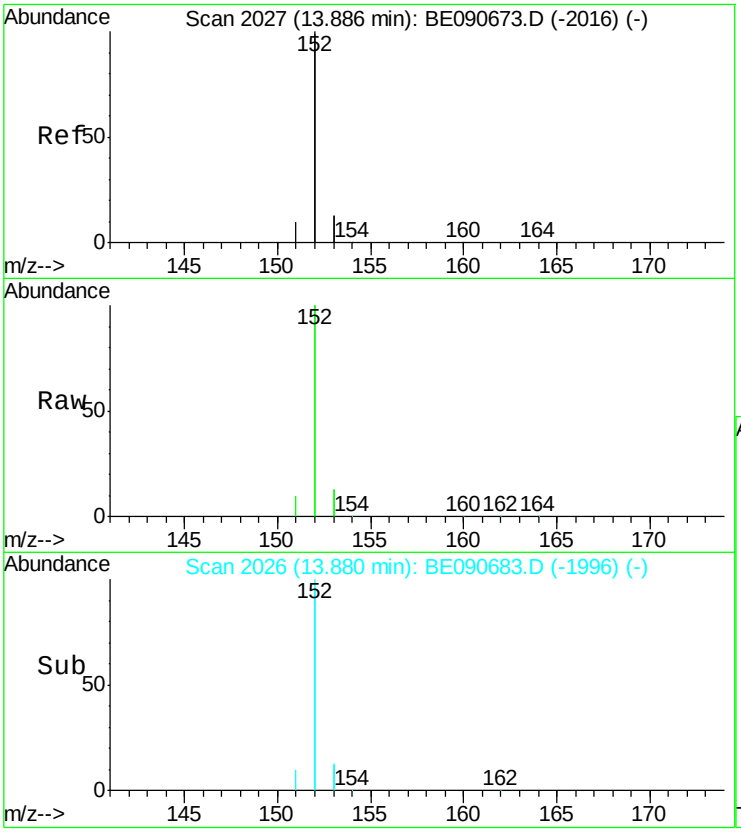


#14
2-Fluorobiphenyl
Concen: 3.43 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:172 Resp: 144241

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.0	19.8	29.6



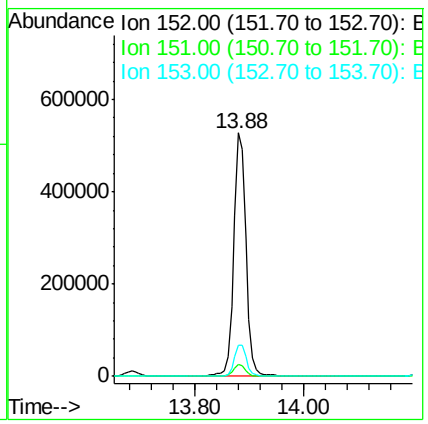


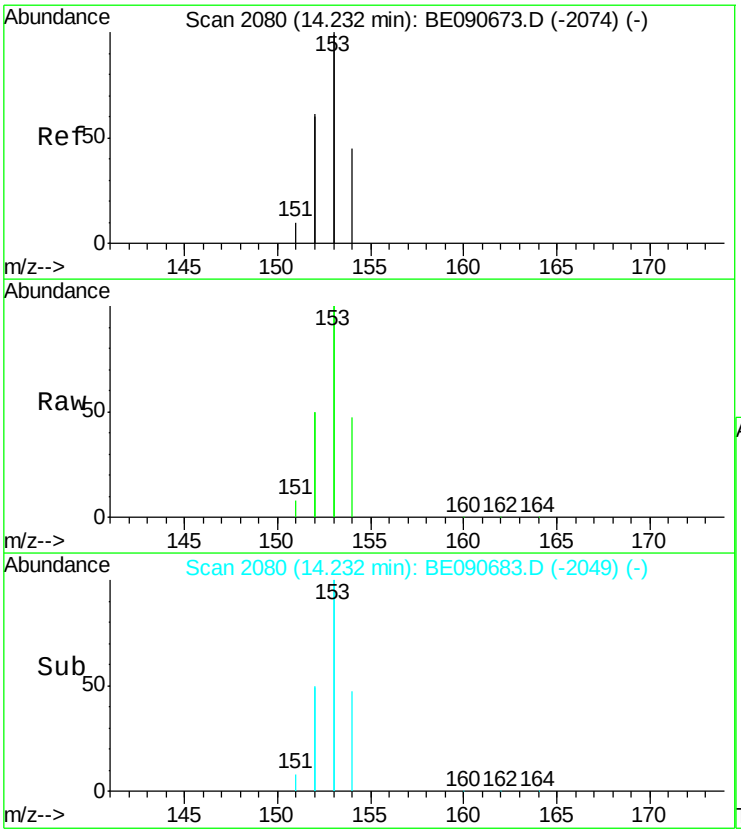
#15
Acenaphthylene
Concen: 3.37 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 818188

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.3	15.5

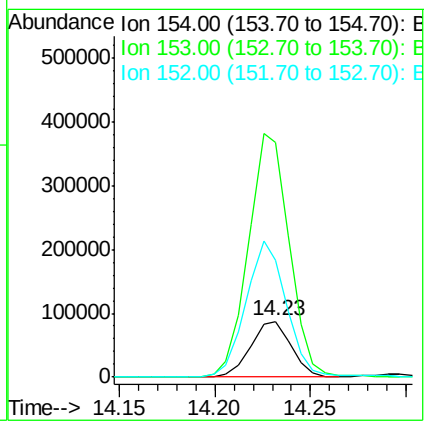


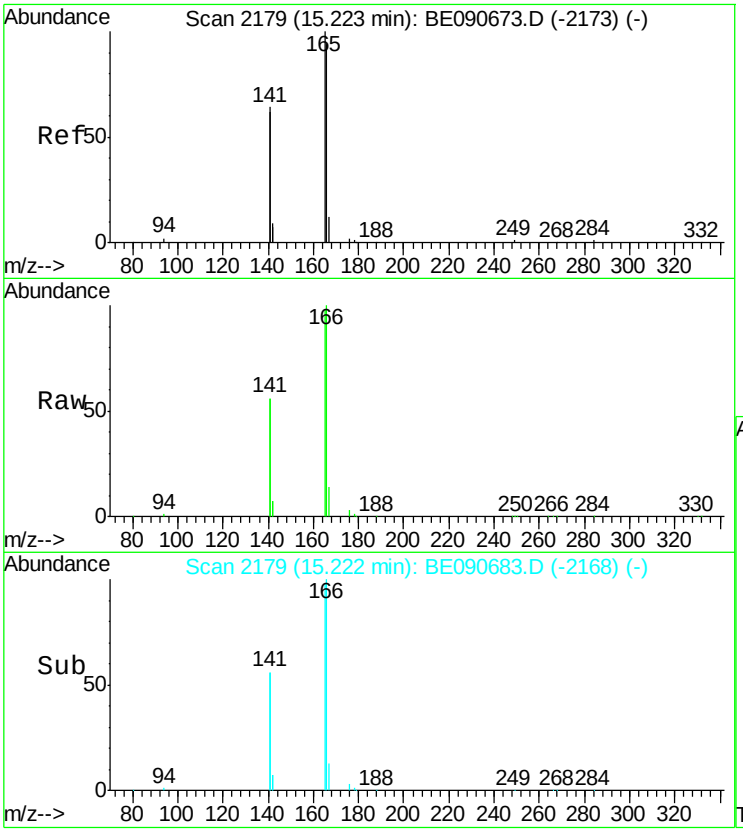


#16
Acenaphthene
Concen: 3.16 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:154 Resp: 128237

Ion	Ratio	Lower	Upper
154	100		
153	443.5	354.5	531.7
152	244.5	227.8	341.6



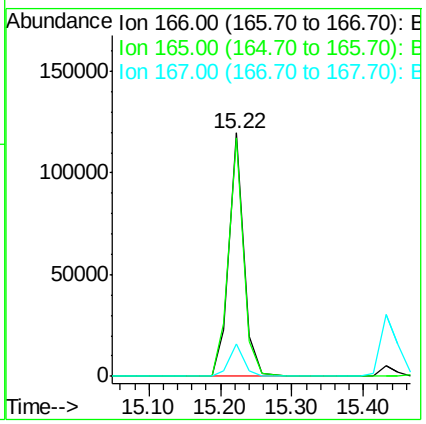


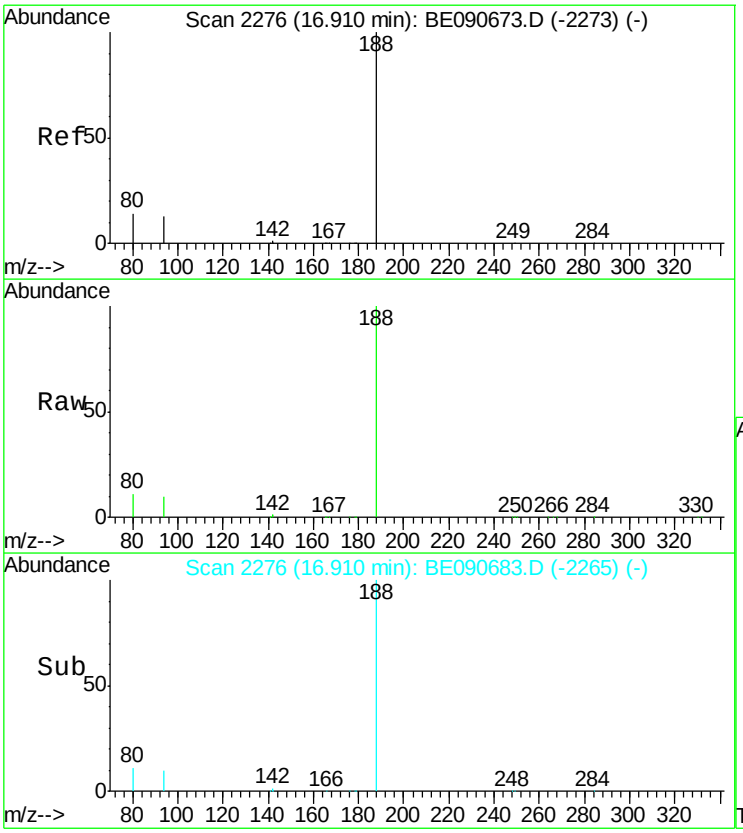
#17
Fluorene
Concen: 3.40 ng
RT: 15.22 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 171915

Ion	Ratio	Lower	Upper
166	100		
165	99.0	82.7	124.1
167	13.6	10.7	16.1

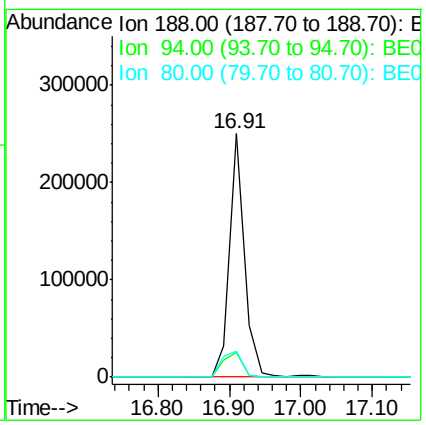


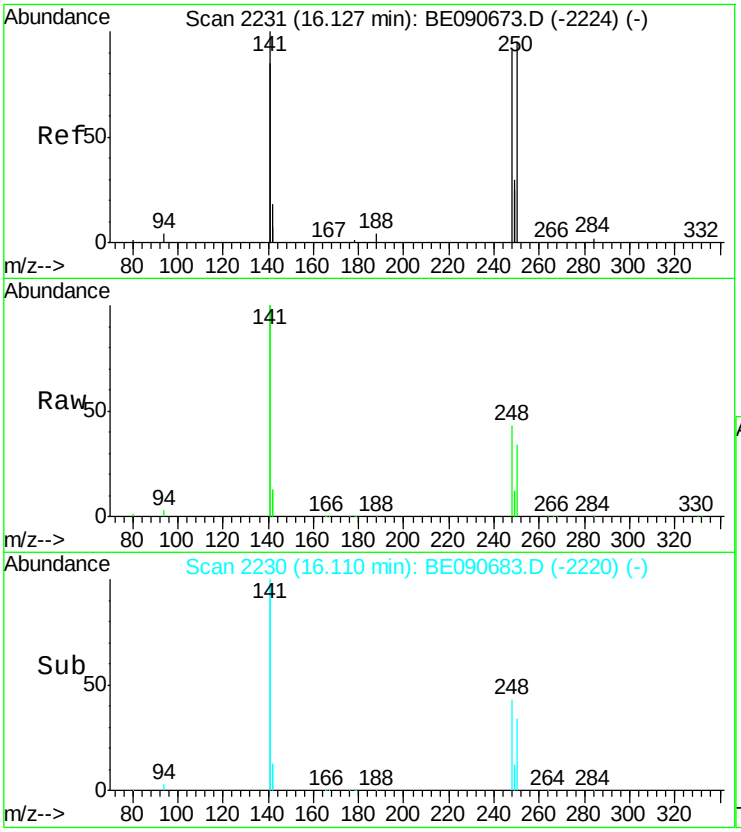


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:188 Resp: 359434

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.3	15.5#
80	10.8	11.0	16.6#



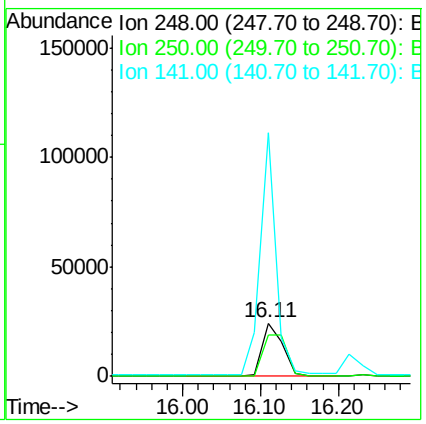


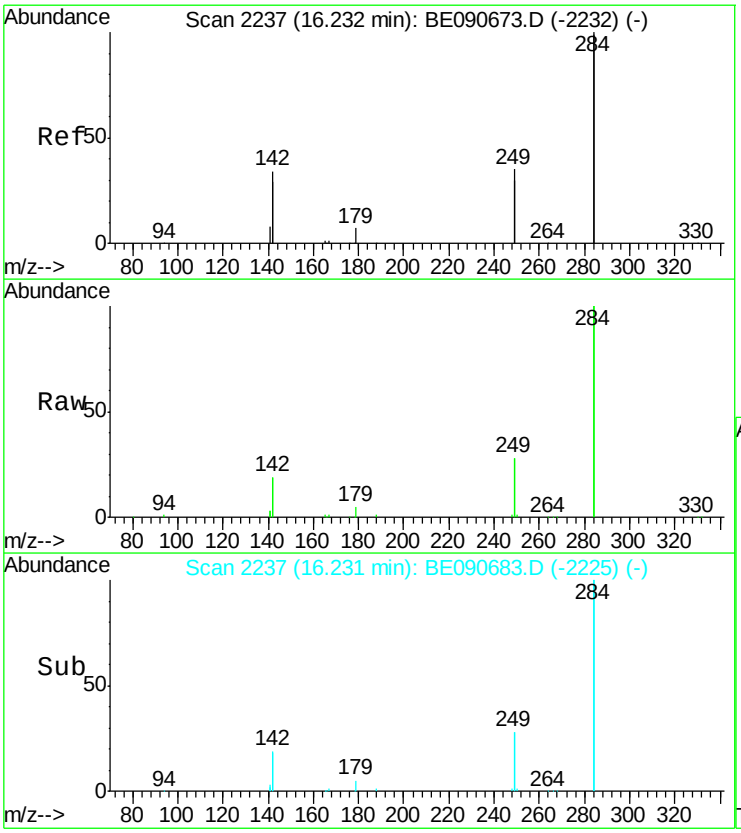
#19
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 16.11 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 44047

Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.7	115.1
141	355.7	292.6	439.0

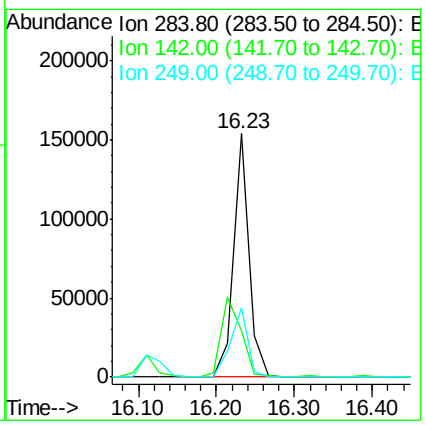


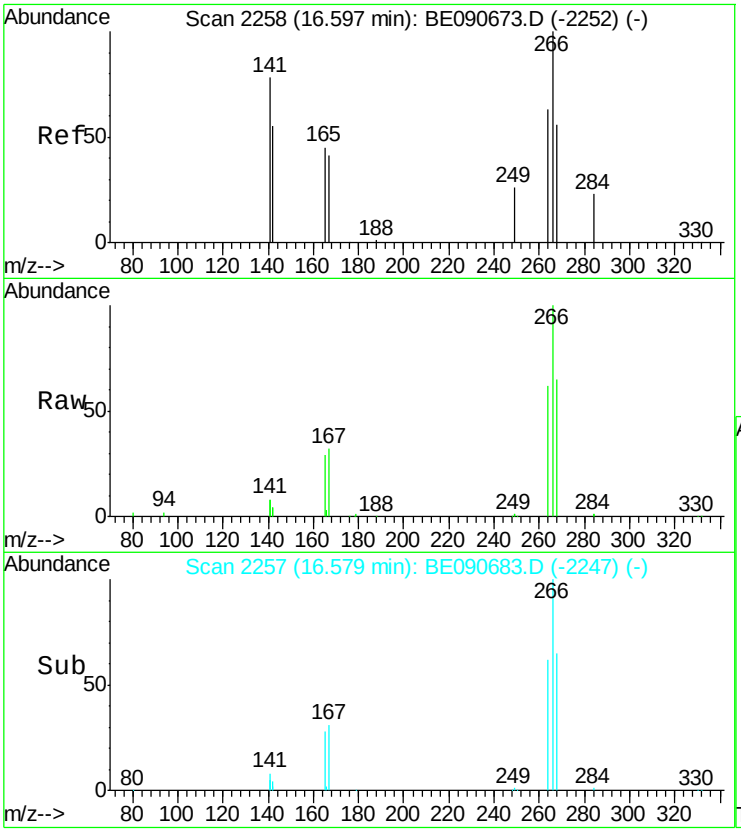


#20
Hexachlorobenzene
Concen: 3.60 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:284 Resp: 212640

Ion	Ratio	Lower	Upper
284	100		
142	40.6	35.0	52.4
249	30.9	25.5	38.3



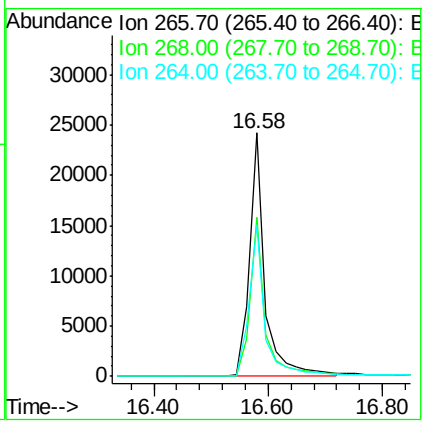


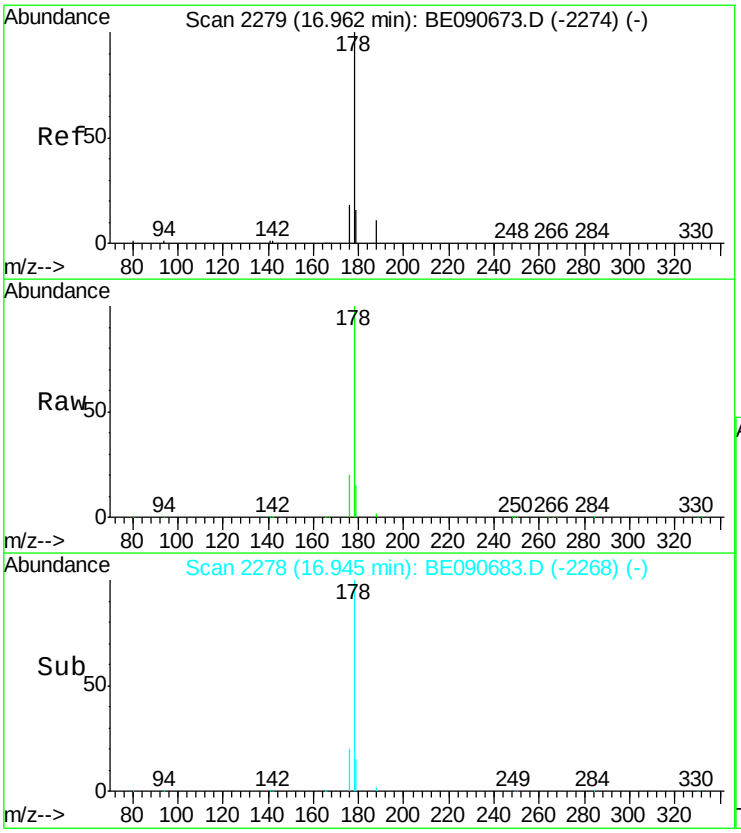
#21
Pentachlorophenol
Concen: 9.04 ng
RT: 16.58 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 45313

Ion	Ratio	Lower	Upper
266	100		
268	65.2	49.6	74.4
264	62.1	53.9	80.9

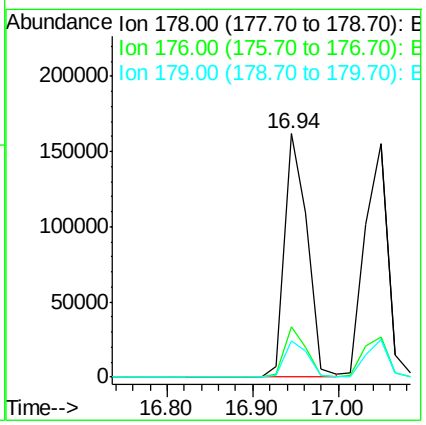


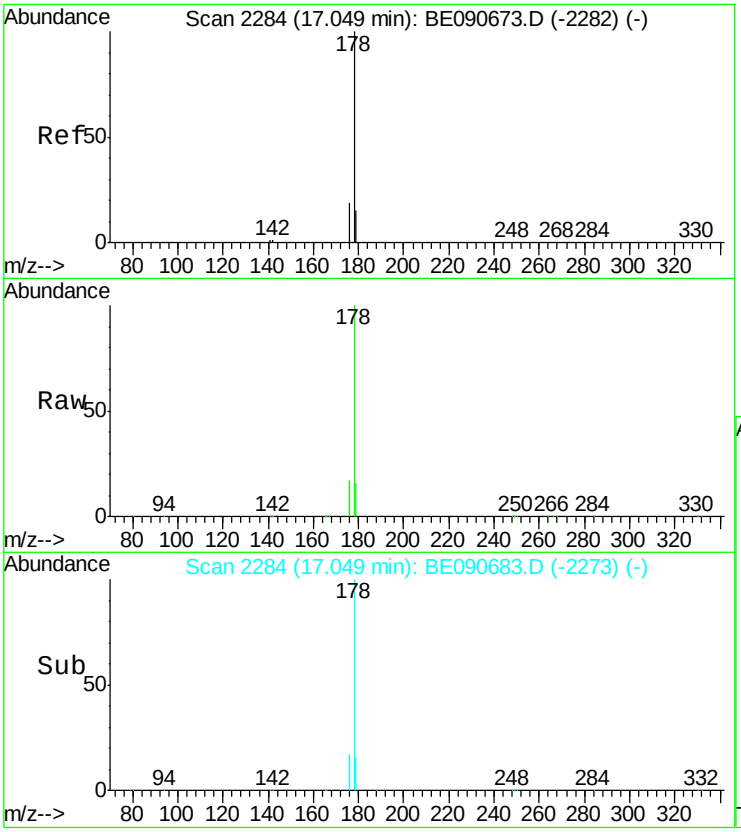


#22
Phenanthrene
Concen: 3.34 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:178 Resp: 297287

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.8	19.2



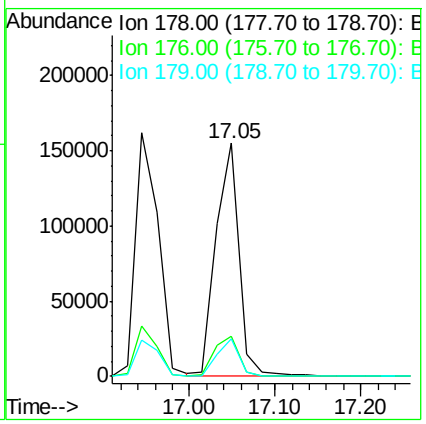


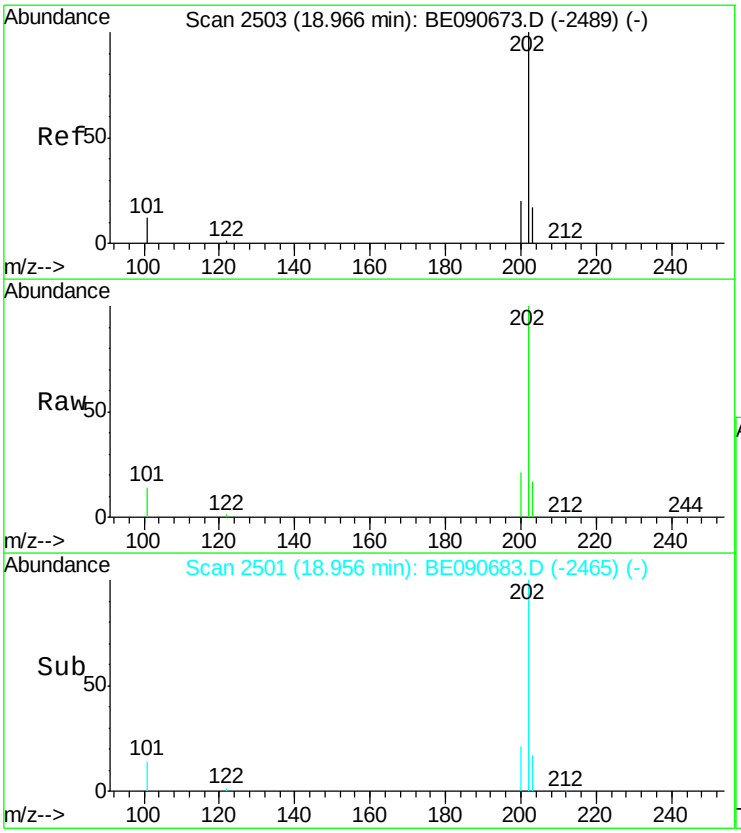
#23
Anthracene
Concen: 3.91 ng
RT: 17.05 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 290677

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.4	12.3	18.5

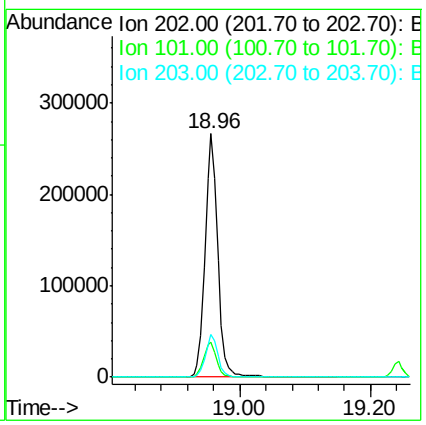


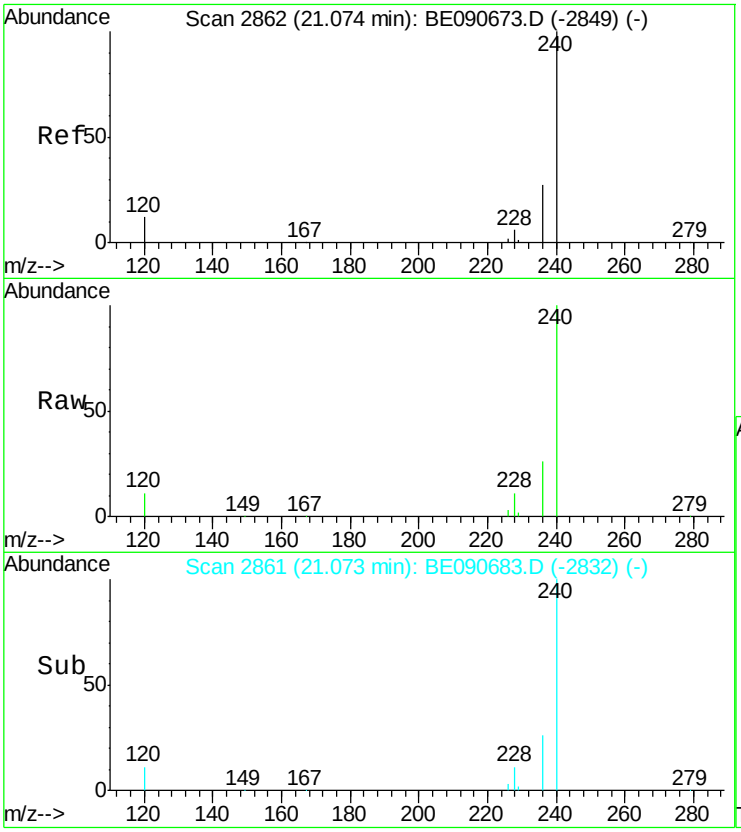


#24
Fluoranthene
Concen: 3.81 ng
RT: 18.96 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:202 Resp: 357685

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.0	16.6
203	17.2	13.9	20.9



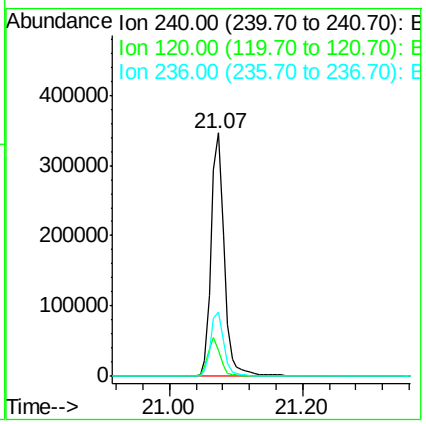


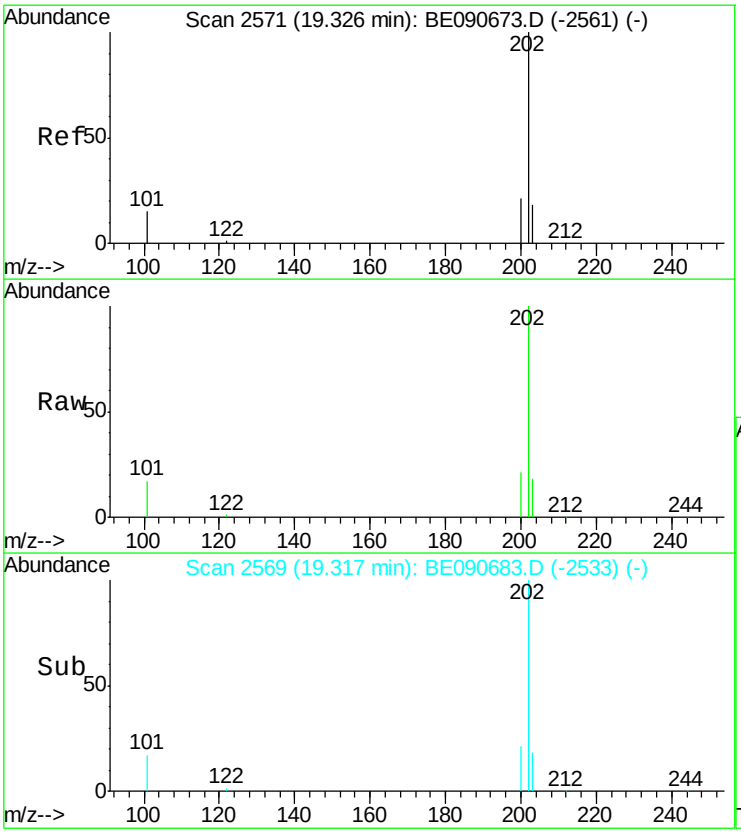
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 464823

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.1	15.1
236	26.3	21.9	32.9

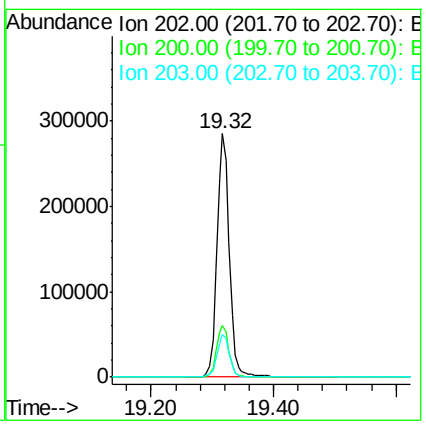


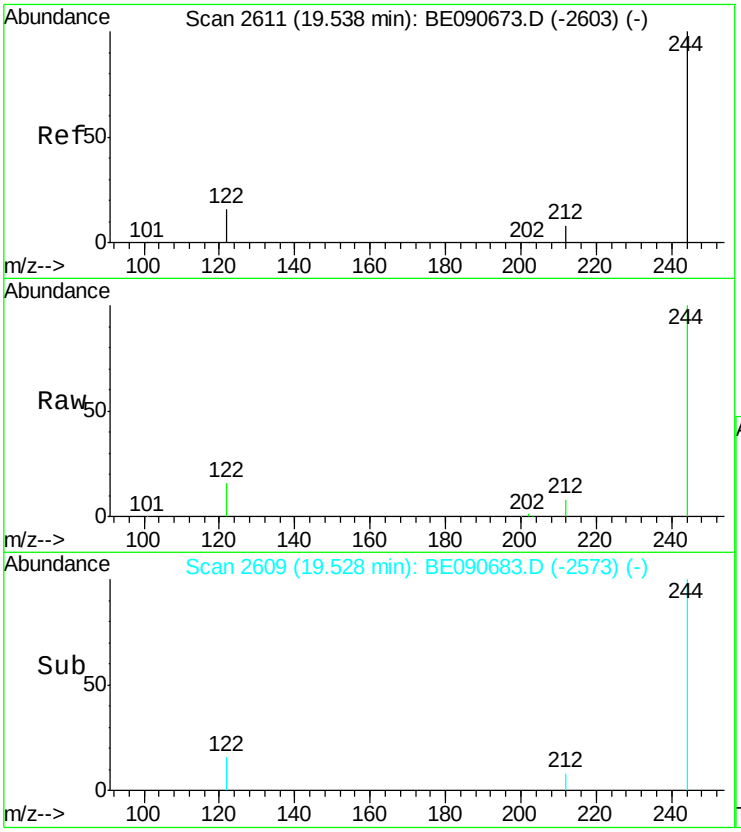


#26
Pyrene
Concen: 4.15 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:202 Resp: 399176

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.0	13.8	20.6



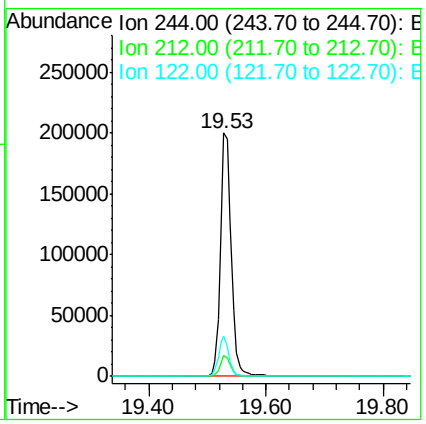


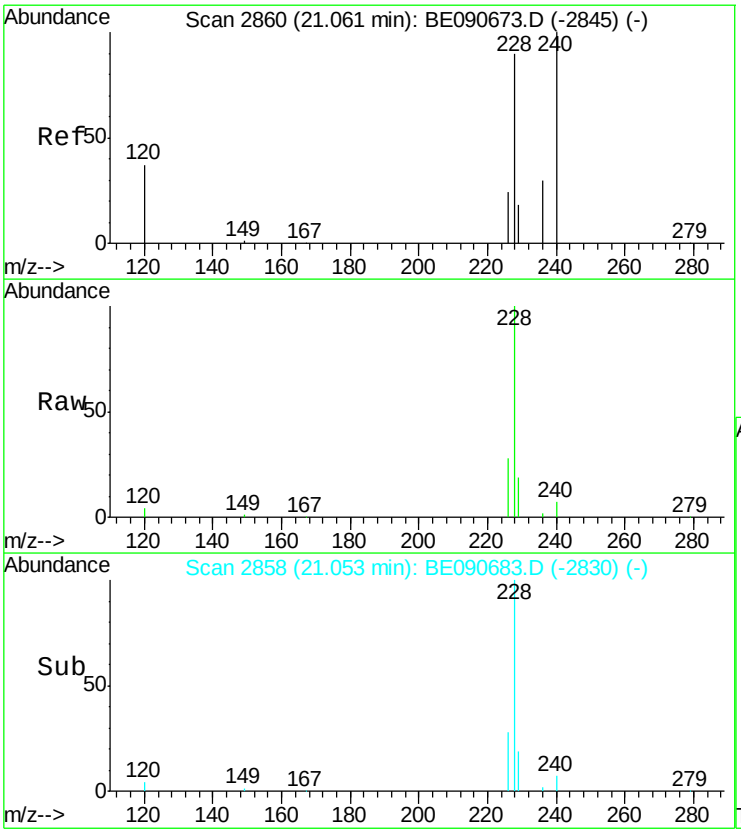
#27
Terphenyl-d14
Concen: 5.00 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 257390

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	16.2	12.9	19.3

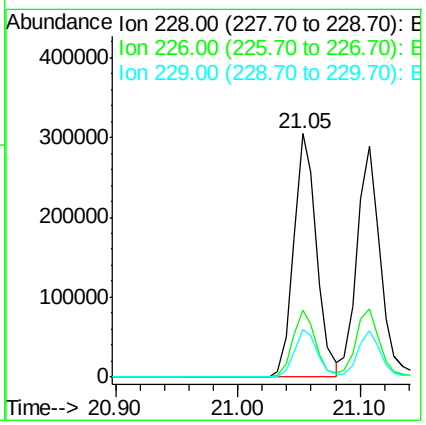


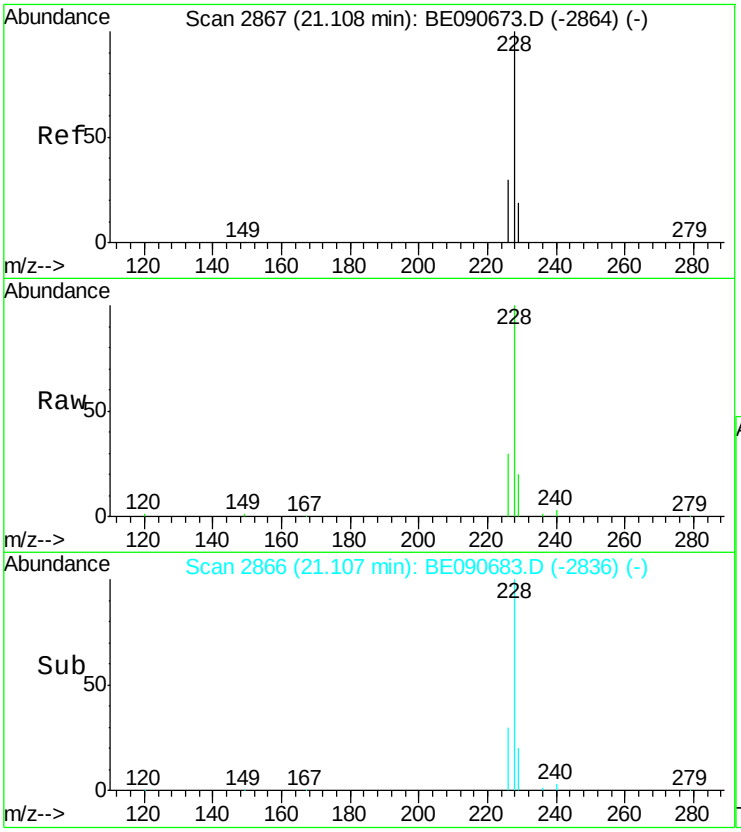


#28
Benzo(a)anthracene
Concen: 3.84 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:228 Resp: 391957

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	19.4	15.9	23.9



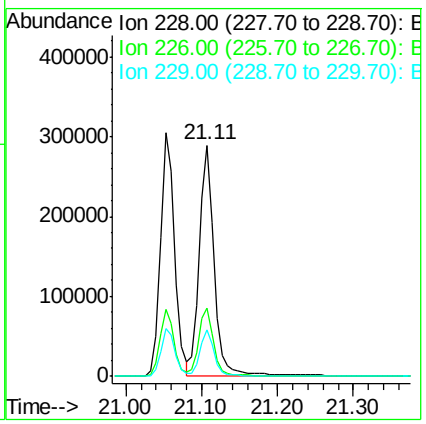


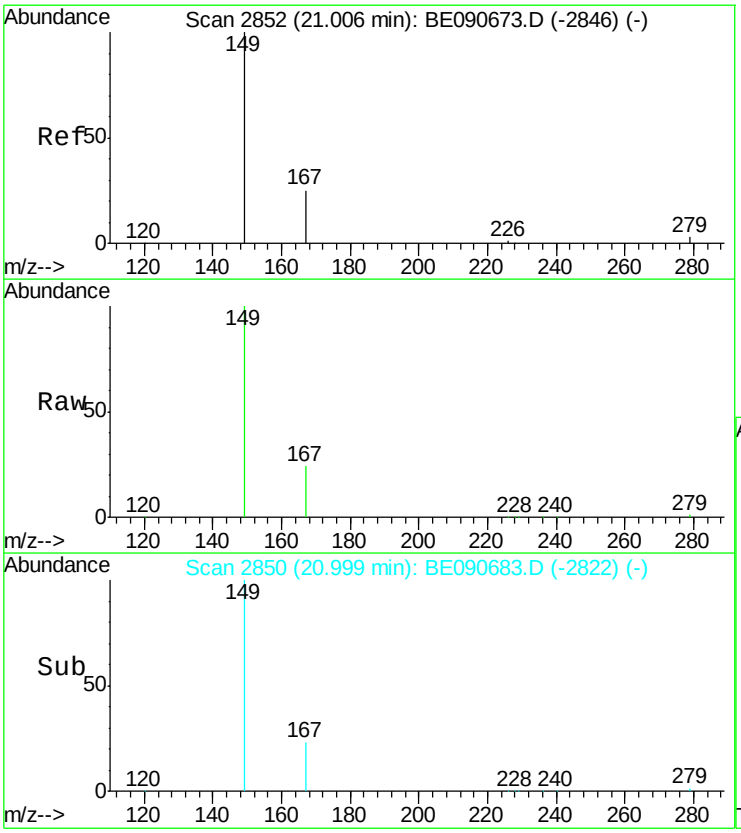
#29
Chrysene
Concen: 3.65 ng
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 393965

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	20.2	15.3	22.9

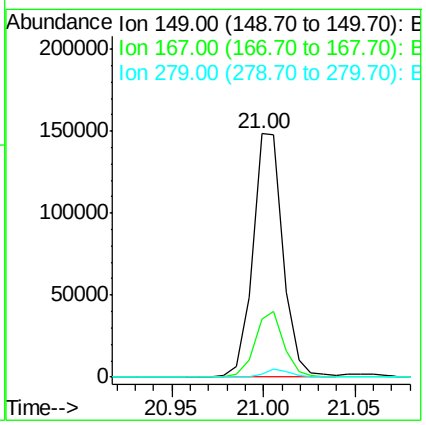


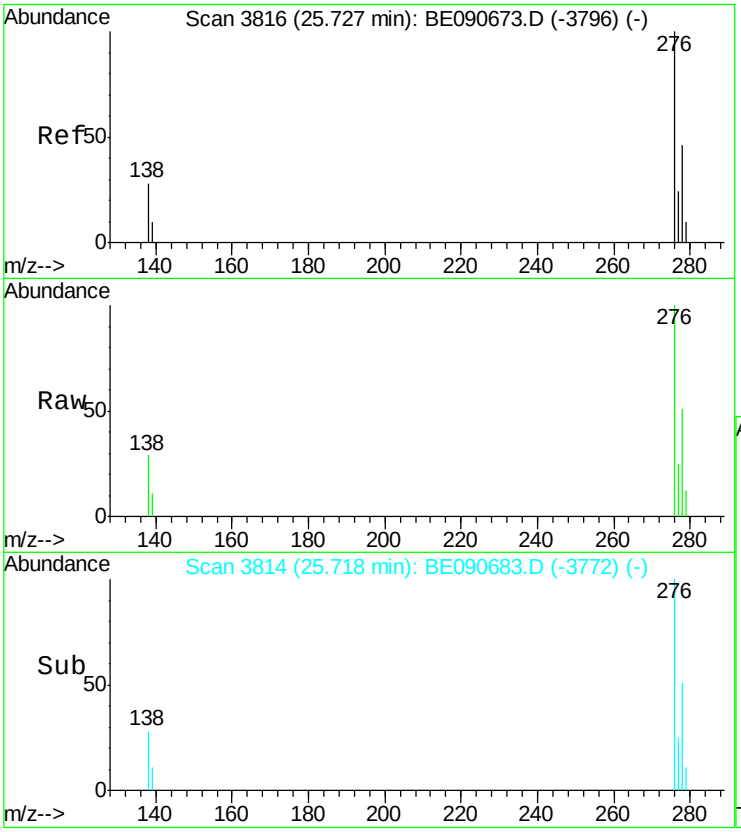


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.87 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:149 Resp: 170074

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	2.9	2.3	3.5



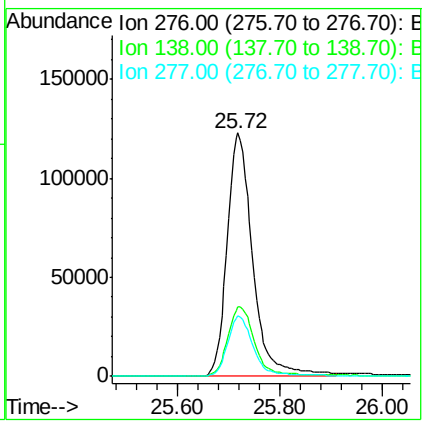


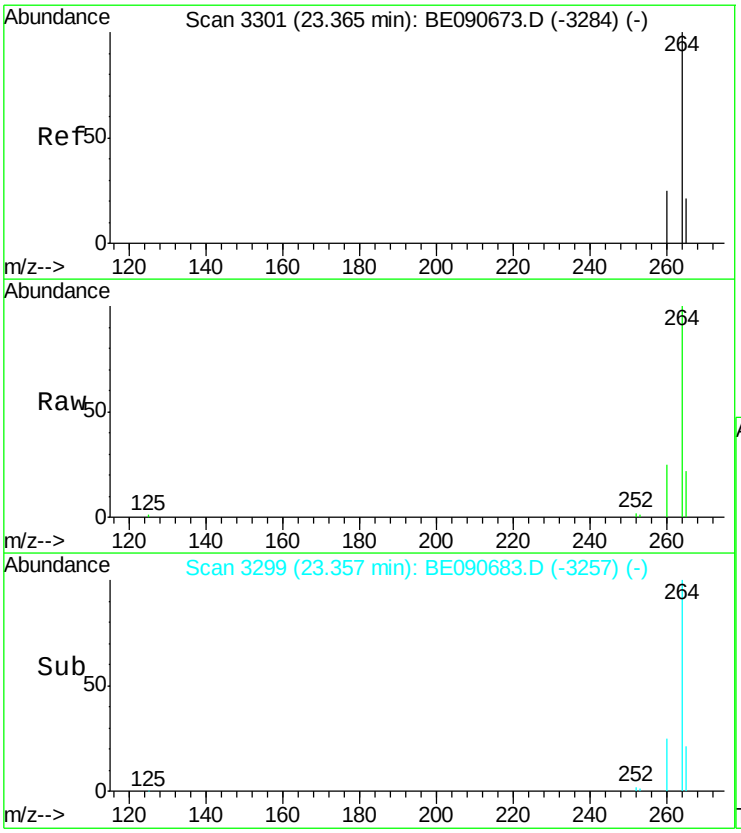
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.90 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 428802

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.3	34.9
277	24.9	19.8	29.6

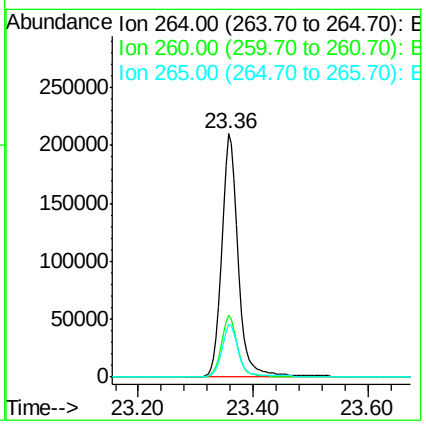


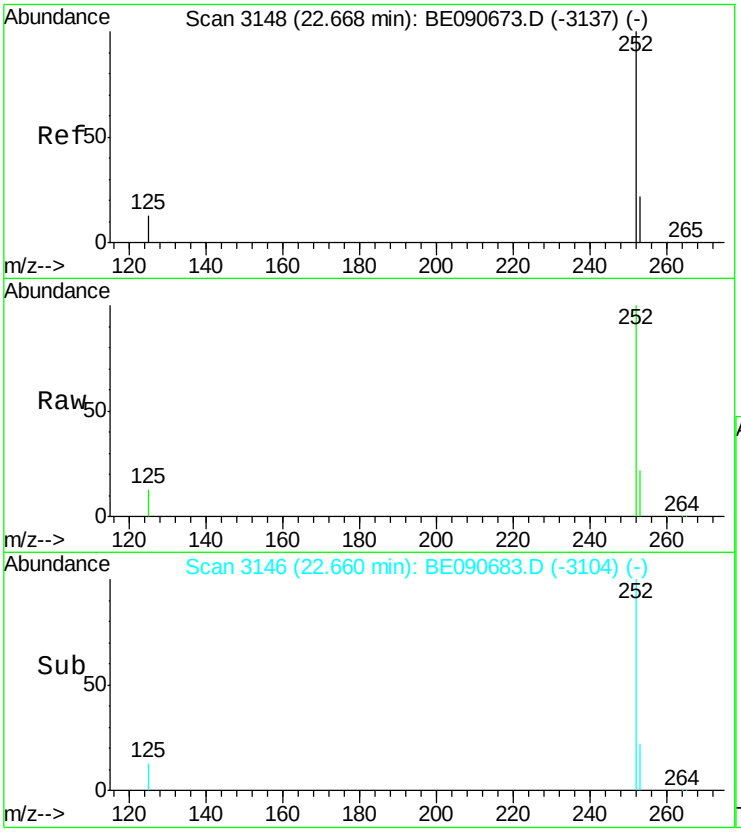


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:264 Resp: 427016

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.7	17.5	26.3



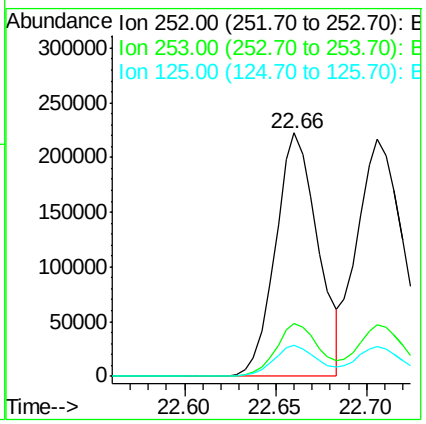


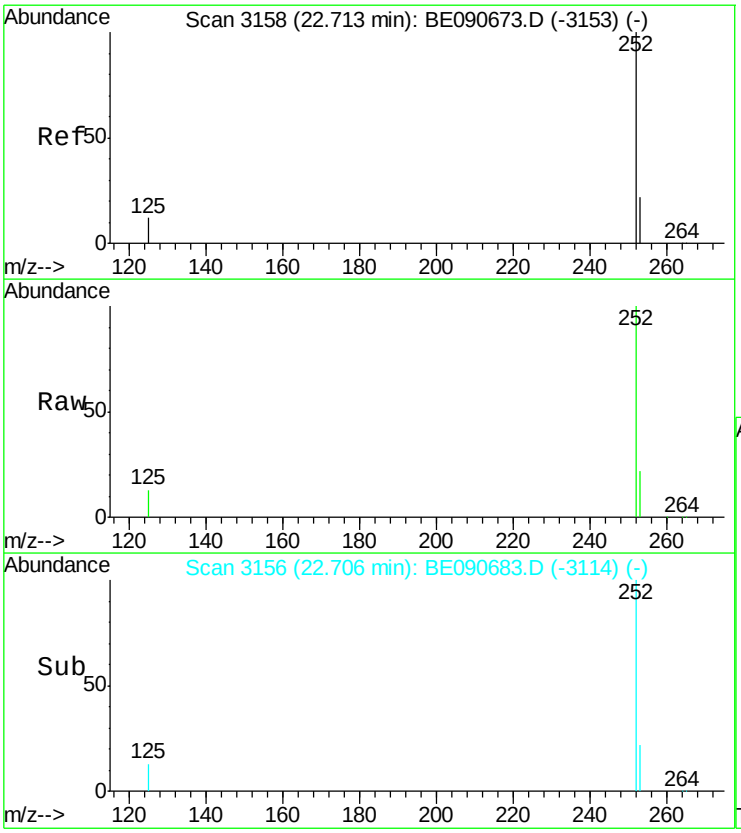
#33
Benzo(b)fluoranthene
Concen: 3.91 ng
RT: 22.66 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 362280

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.9	10.6	16.0

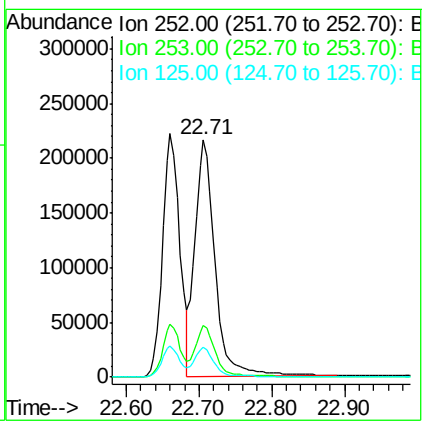


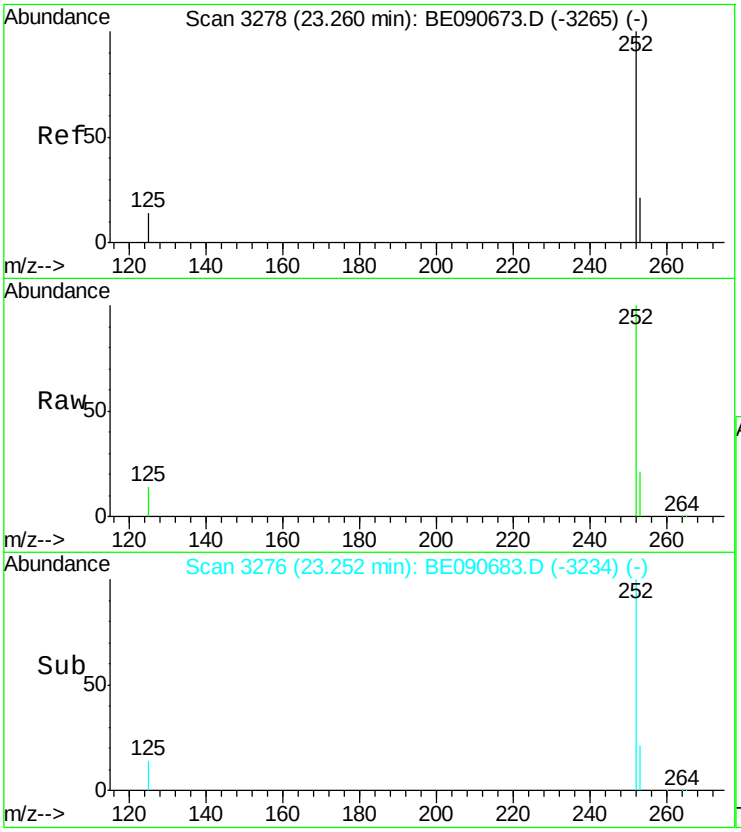


#34
Benzo(k)fluoranthene
Concen: 3.82 ng
RT: 22.71 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:252 Resp: 412247

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.7	10.1	15.1



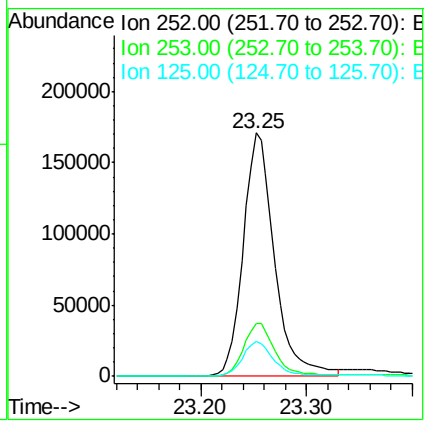


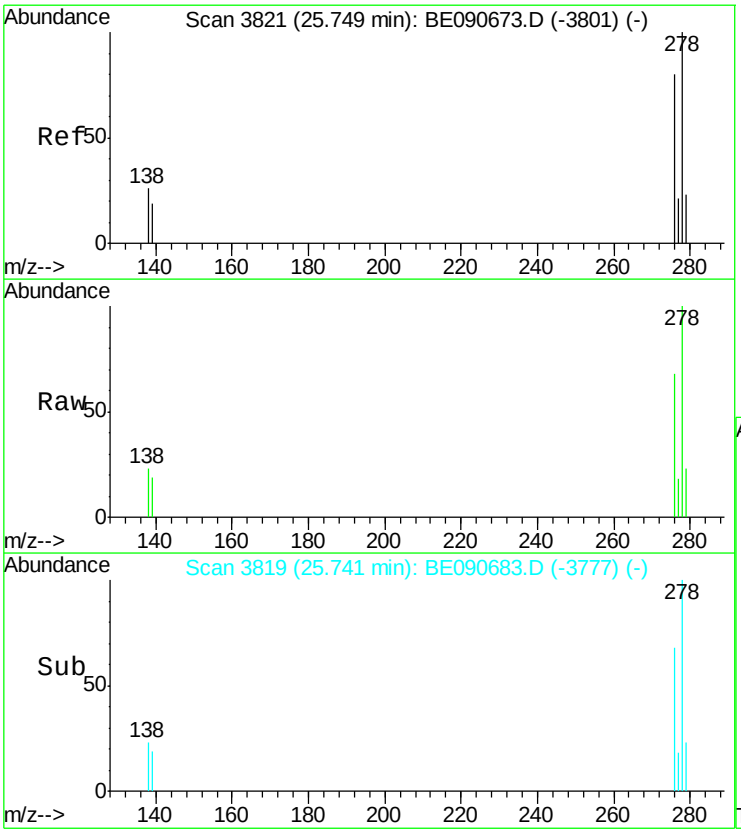
#35
Benzo(a)pyrene
Concen: 4.21 ng
RT: 23.25 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 348415

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.1	11.6	17.4

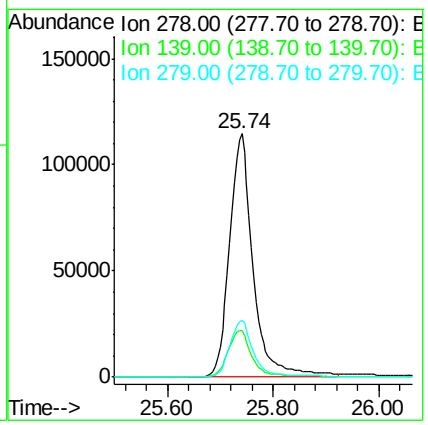


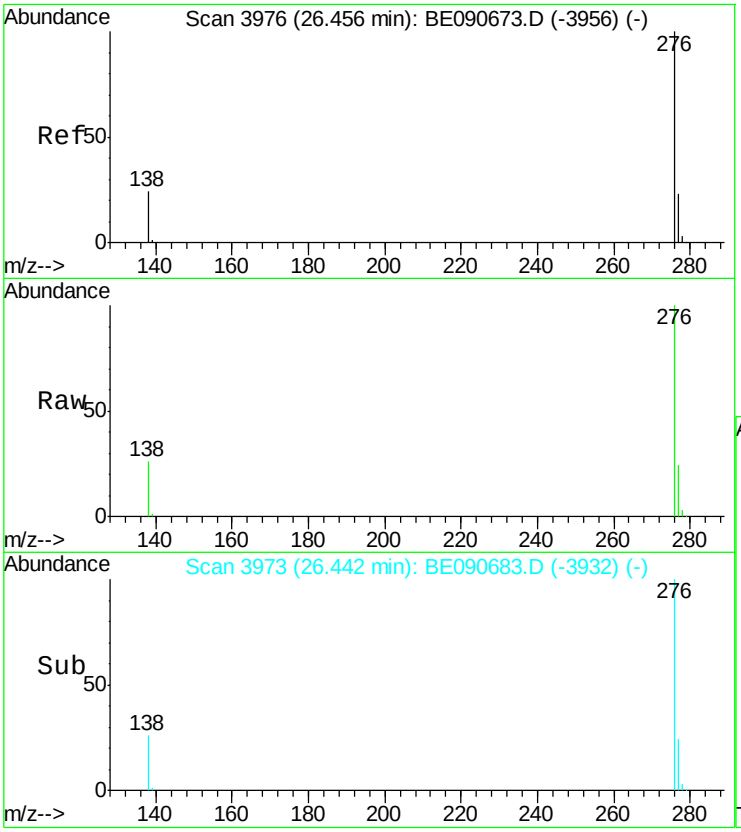


#36
Dibenzo(a,h)anthracene
Concen: 3.55 ng
RT: 25.74 min Scan# 3819
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Tgt Ion:278 Resp: 354571

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.0
279	23.5	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 3.81 ng
RT: 26.44 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BE090683.D
Acq: 2 Sep 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 362648

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	26.0	20.1	30.1