Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090676.D
Acq On : 1 Sep 2015 21:10
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Sep 02 01:31:54 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 01:28:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	50553	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	224856	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	117713	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	279687	5.00	ng		0.00
25) Chrysene-d12	21.07	240	359131	5.00	ng		0.00
32) Perylene-d12	23.36	264	310397	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	99298	7.09	ng		0.00
5) Phenol-d6	6.74	99	149956	7.29	ng		0.00
7) Nitrobenzene-d5	8.69	82	157888	8.95	ng		-0.02
13) 2,4,6-Tribromophenol	15.67	330	35395	8.09	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	303357	8.72	ng		0.00
27) Terphenyl-d14	19.53	244	407436	6.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	63650	9.40	ng		97
3) n-Nitrosodimethylamine	3.45	42	88038	9.91	ng	#	95
8) Nitrobenzene	8.73	77	185076	10.08	ng		96
9) Naphthalene	10.35	128	429105	8.44	ng		100
10) Hexachlorobutadiene	10.65	225	64334	8.51	ng		100
11) 2-Methylnaphthalene	11.97	142	277697	8.56	ng		99
15) Acenaphthylene	13.88	152	1913125	9.06	ng		100
16) Acenaphthene	14.23	154	287757	8.90	ng		88
17) Fluorene	15.22	166	366766	9.27	ng		98
19) 4-Bromophenyl-phenylether	16.13	248	90031	8.05	ng		96
20) Hexachlorobenzene	16.23	284	444372	8.75	ng		97
21) Pentachlorophenol	16.58	266	40635	9.47	ng		98
22) Phenanthrene	16.94	178	621625	8.51	ng		99
23) Anthracene	17.05	178	601439	9.07	ng		100
24) Fluoranthene	18.95	202	719294	9.34	ng		99
26) Pyrene	19.32	202	773321	7.81	ng		99
28) Benzo(a)anthracene	21.05	228	779772	8.37	ng		97
29) Chrysene	21.11	228	817146	8.52	ng		99
30) Bis(2-ethylhexyl)phthalate	21.01	149	342775	7.00	ng		98
31) Indeno(1,2,3-cd)pyrene	25.72	276	910793	10.08	ng		99
33) Benzo(b)fluoranthene	22.66	252	721903	9.93	ng		99
34) Benzo(k)fluoranthene	22.71	252	815161	9.89	ng		99
35) Benzo(a)pyrene	23.26	252	673414	9.98	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	747184	11.30	ng		100
37) Benzo(g,h,i)perylene	26.45	276	740286	10.31	ng		98

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

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Instrument :
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Quant Time: Sep 02 01:31:54 2015
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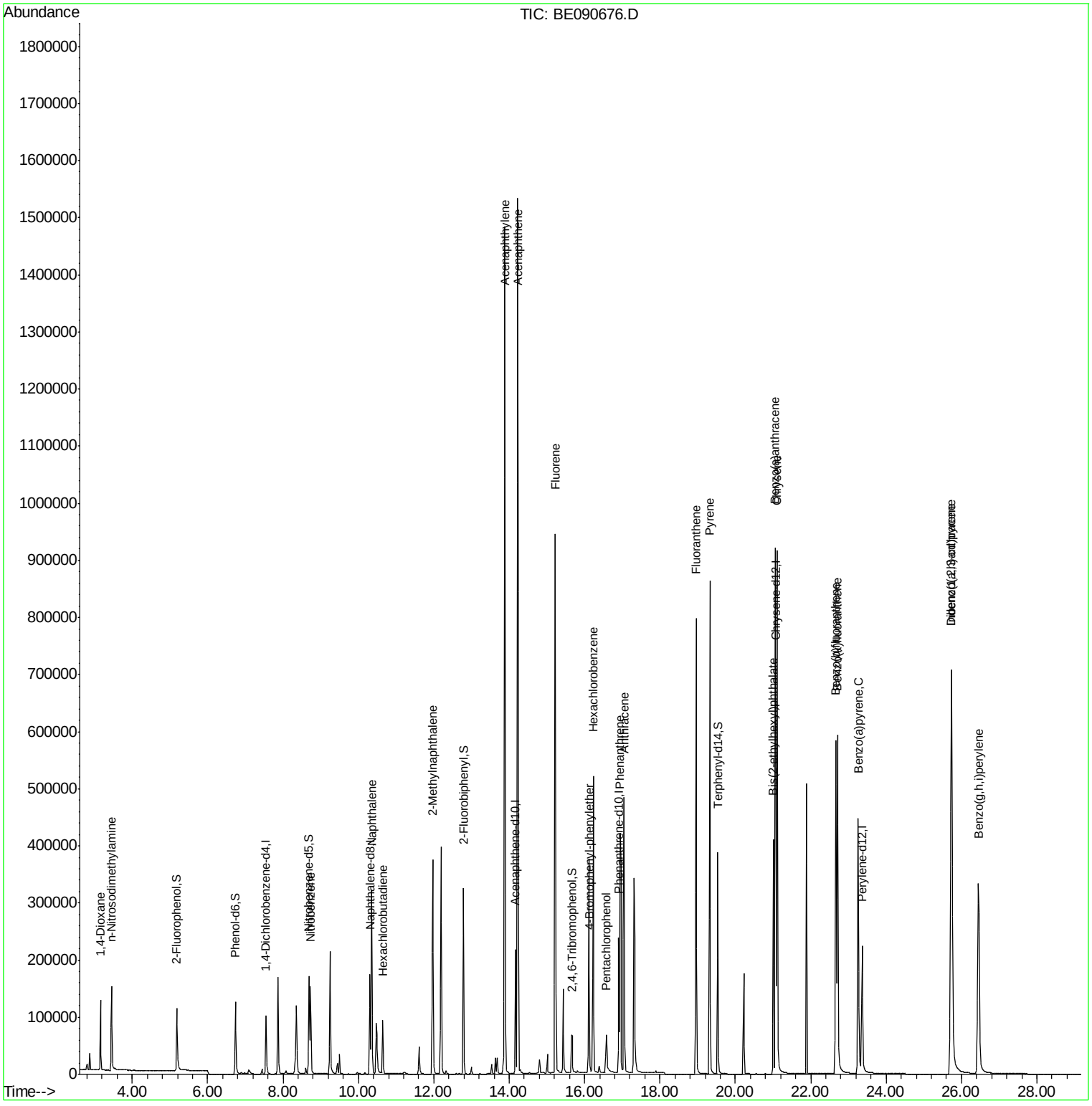
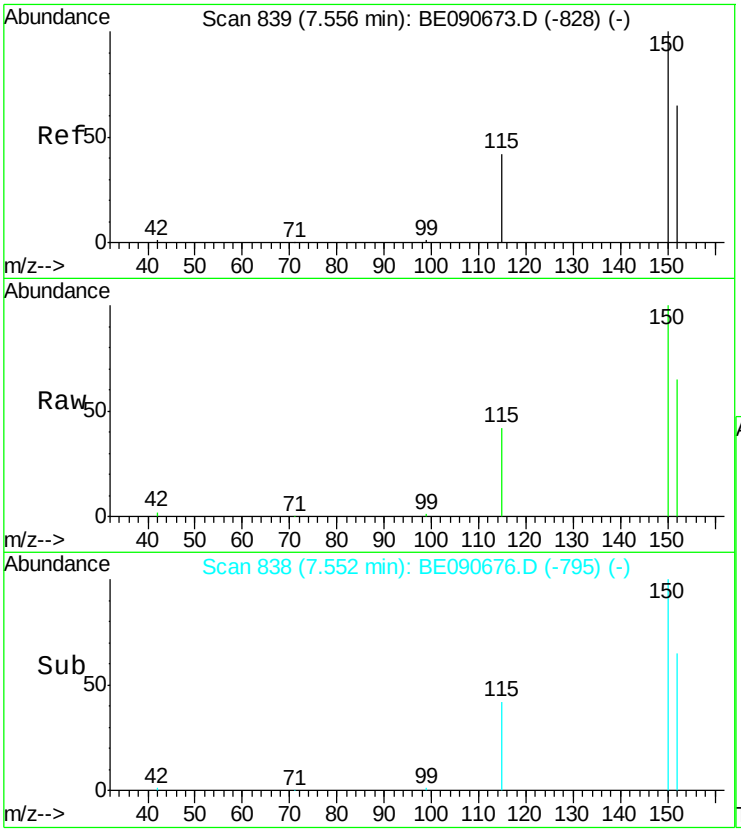
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:28:15 2015
Response via : Initial Calibration



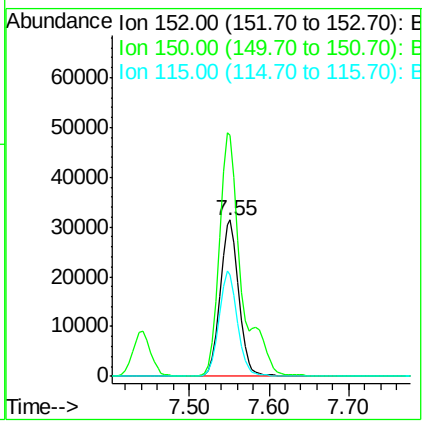


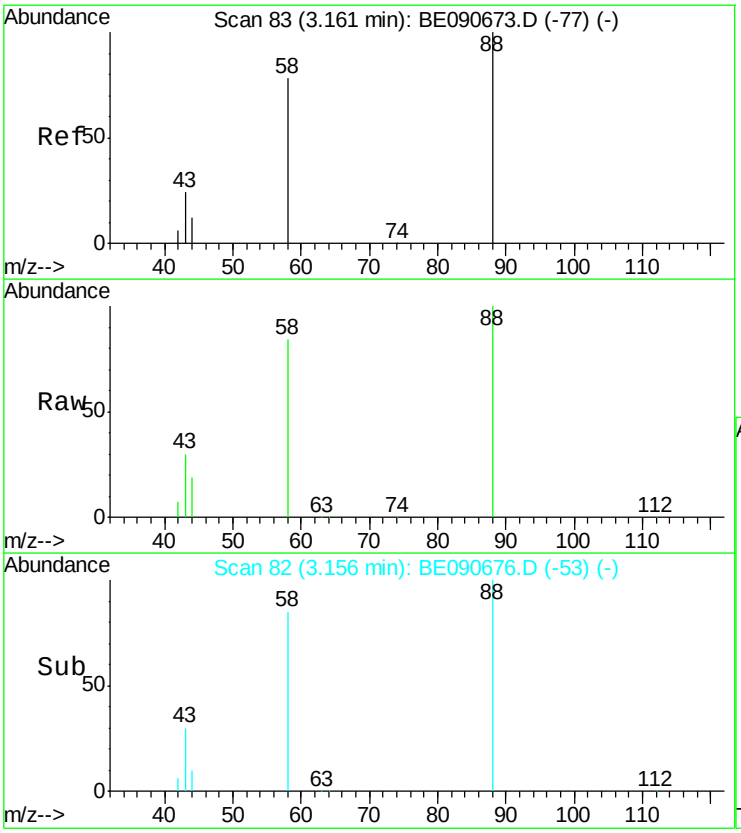
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 50553

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.2	183.4
115	64.9	51.0	76.4

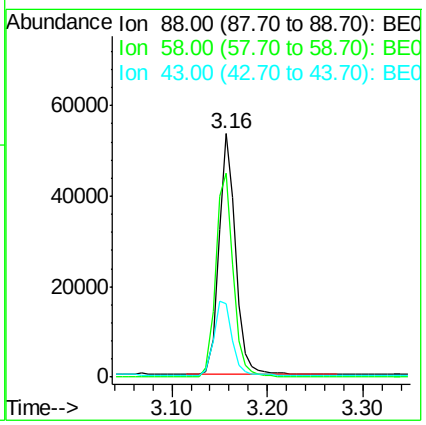


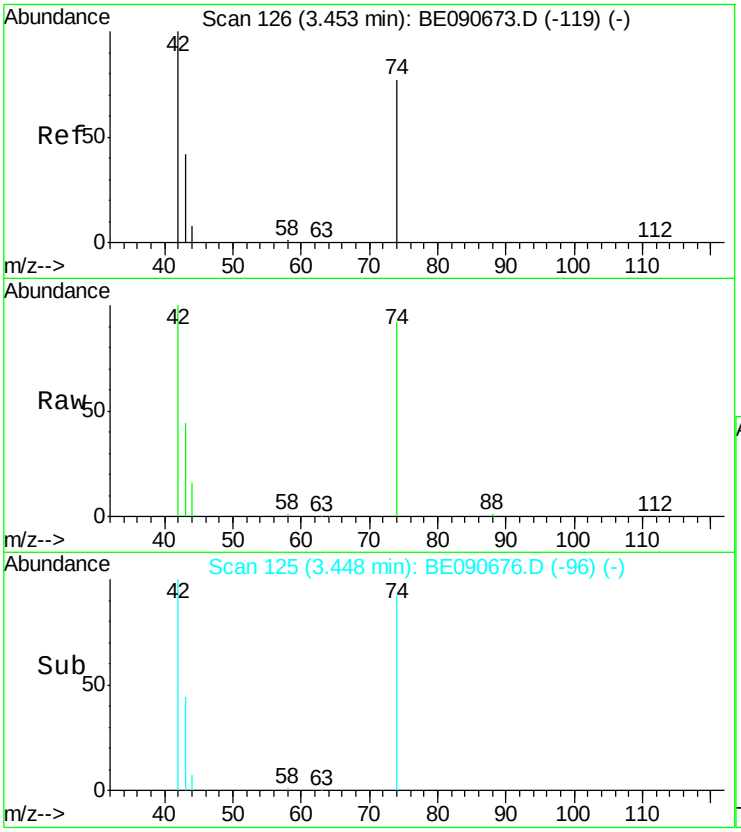


#2
1,4-Dioxane
Concen: 9.40 ng
RT: 3.16 min Scan# 82
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion: 88 Resp: 63650

Ion	Ratio	Lower	Upper
88	100		
58	89.7	68.4	102.6
43	33.4	26.9	40.3



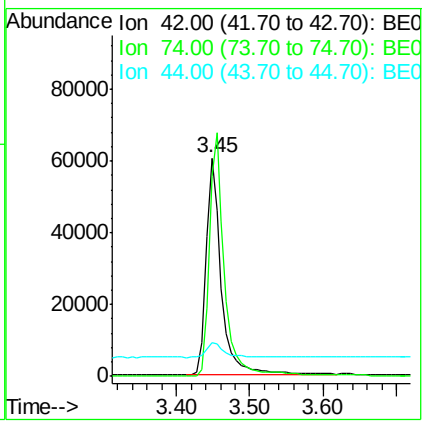


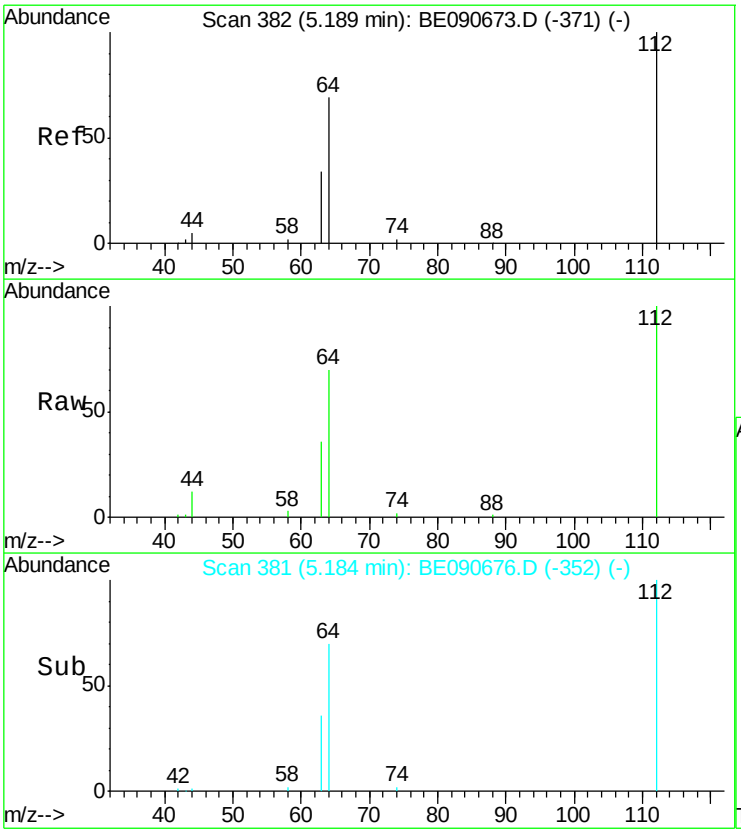
#3
n-Nitrosodimethylamine
Concen: 9.91 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 88038

Ion	Ratio	Lower	Upper
42	100		
74	108.7	83.7	125.5
44	7.6	10.0	15.0#

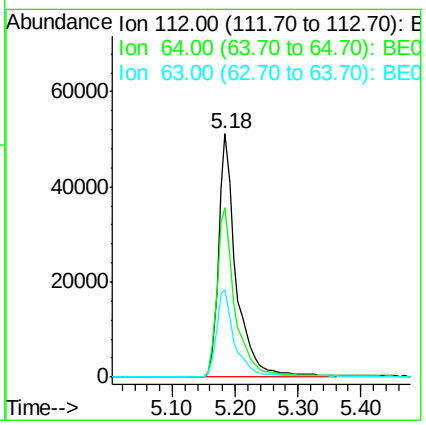


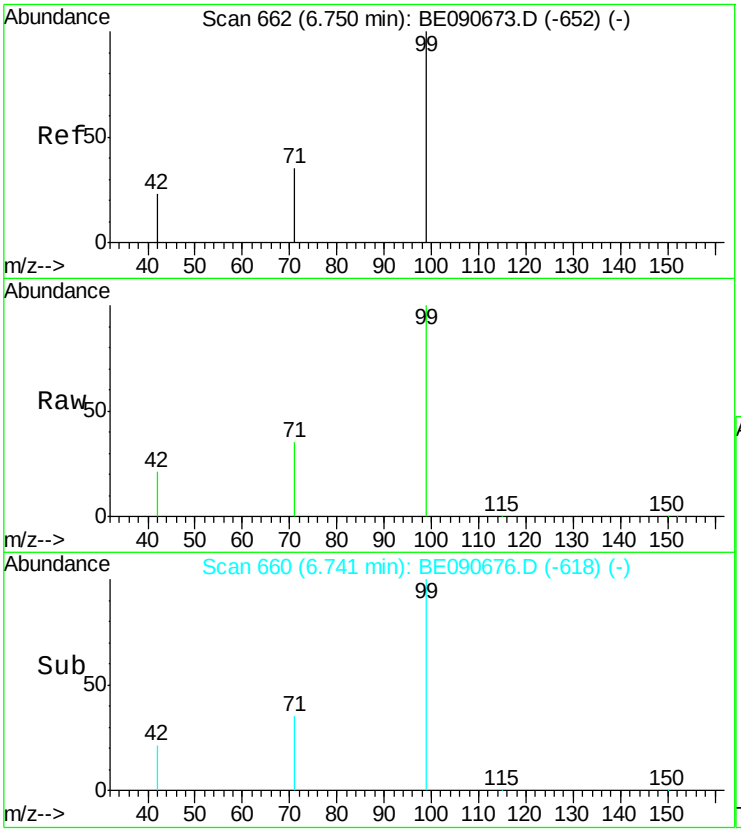


#4
2-Fluorophenol
Concen: 7.09 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:112 Resp: 99298

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.3	85.9
63	37.2	29.2	43.8



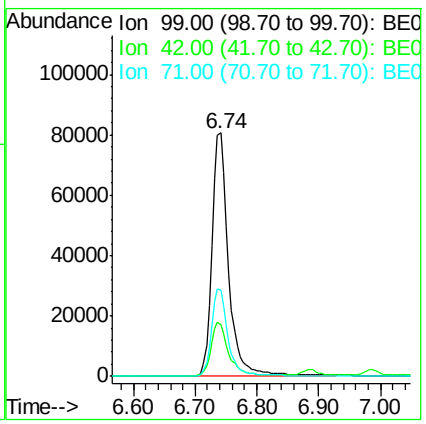


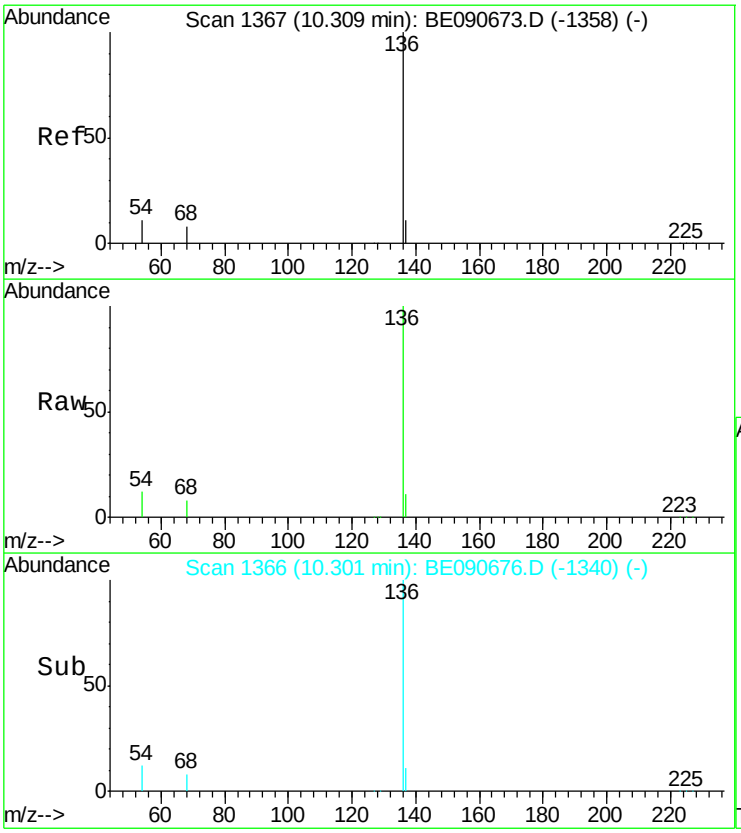
#5
Phenol-d6
Concen: 7.29 ng
RT: 6.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 149956

Ion	Ratio	Lower	Upper
99	100		
42	22.7	16.8	25.2
71	35.2	28.3	42.5

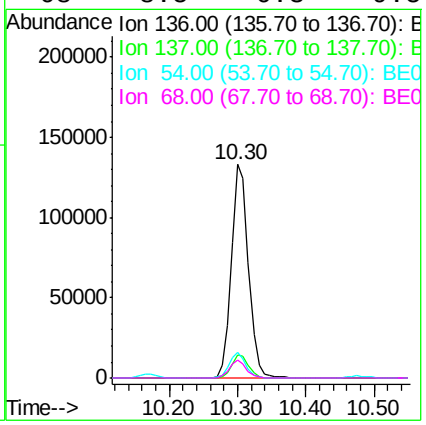


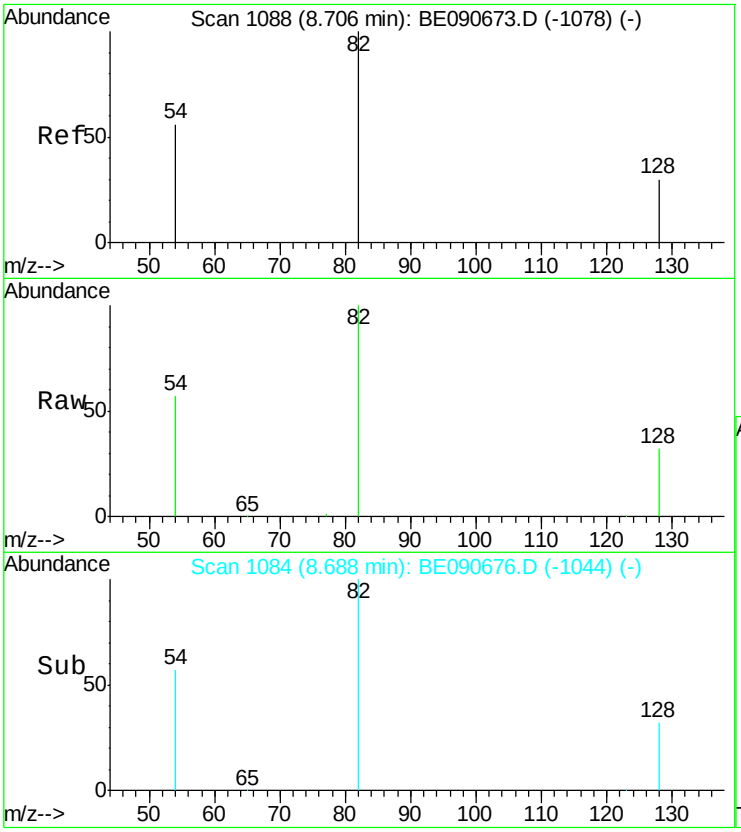


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:136 Resp: 224856

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.8	9.0	13.6
68	8.5	6.3	9.5



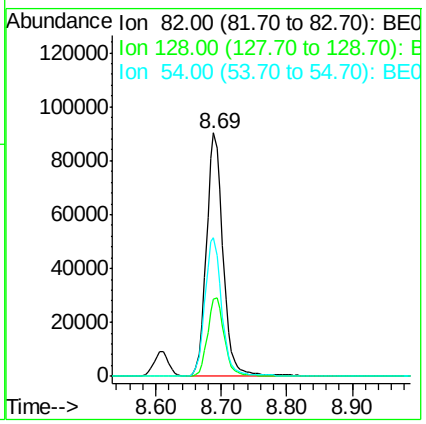


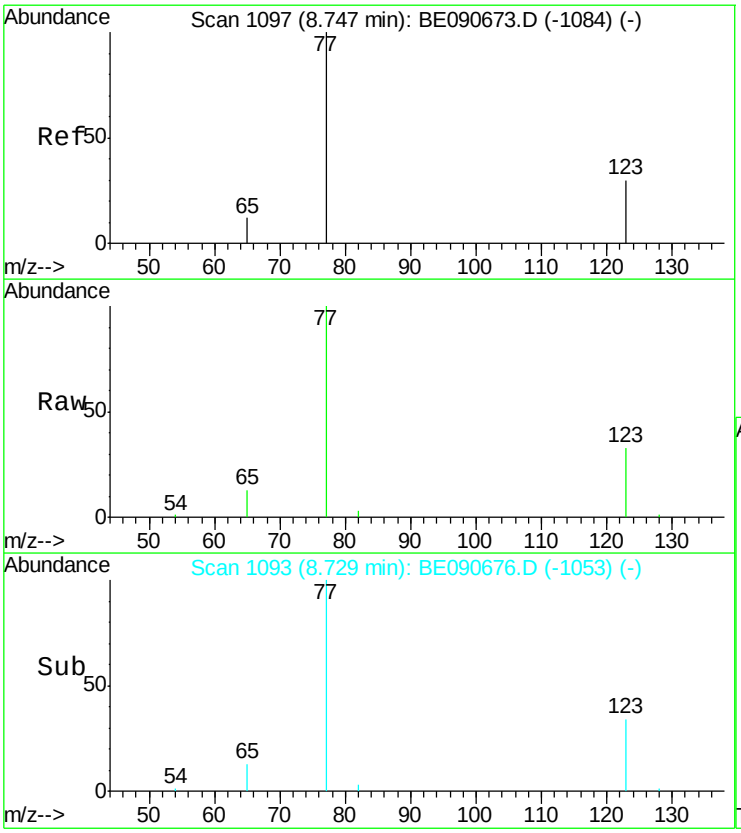
#7
Nitrobenzene-d5
Concen: 8.95 ng
RT: 8.69 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 157888

Ion	Ratio	Lower	Upper
82	100		
128	31.8	25.0	37.4
54	57.1	46.3	69.5

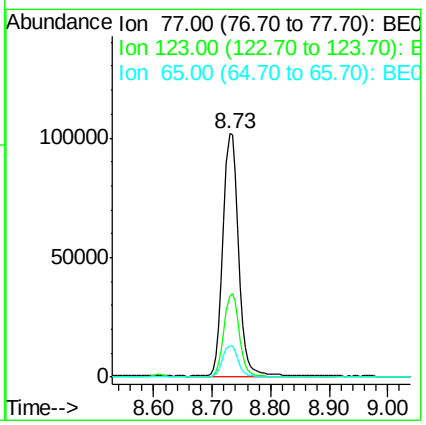


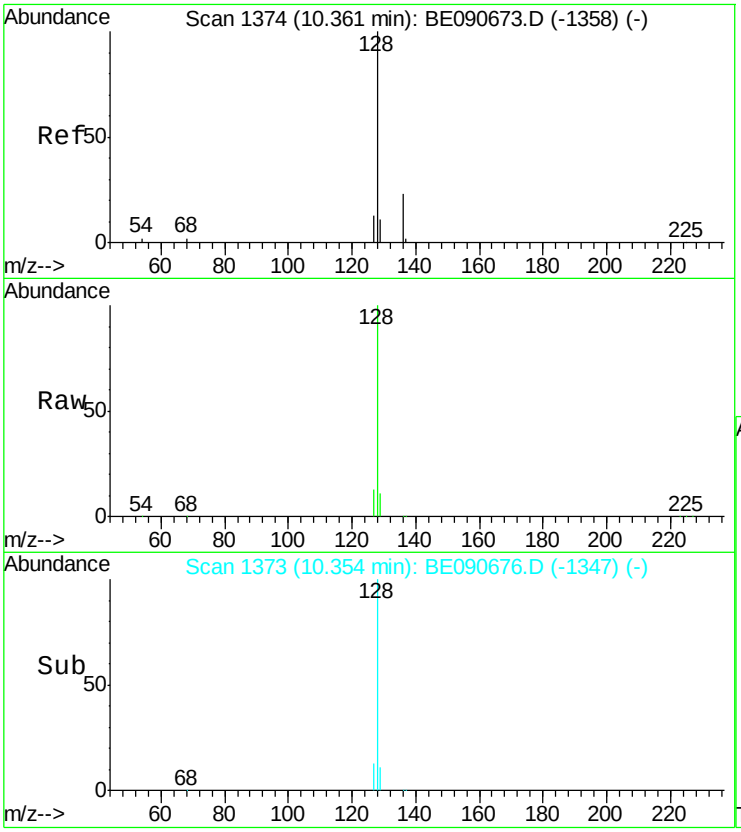


#8
Nitrobenzene
Concen: 10.08 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion: 77 Resp: 185076

Ion	Ratio	Lower	Upper
77	100		
123	34.1	25.1	37.7
65	13.0	9.9	14.9



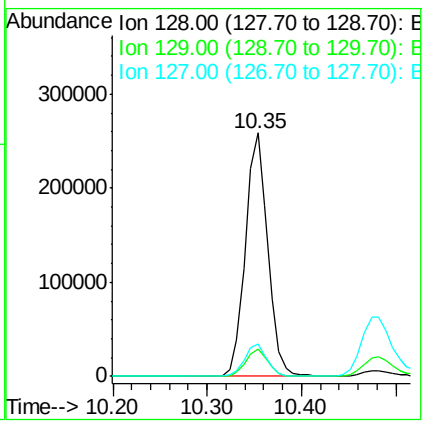


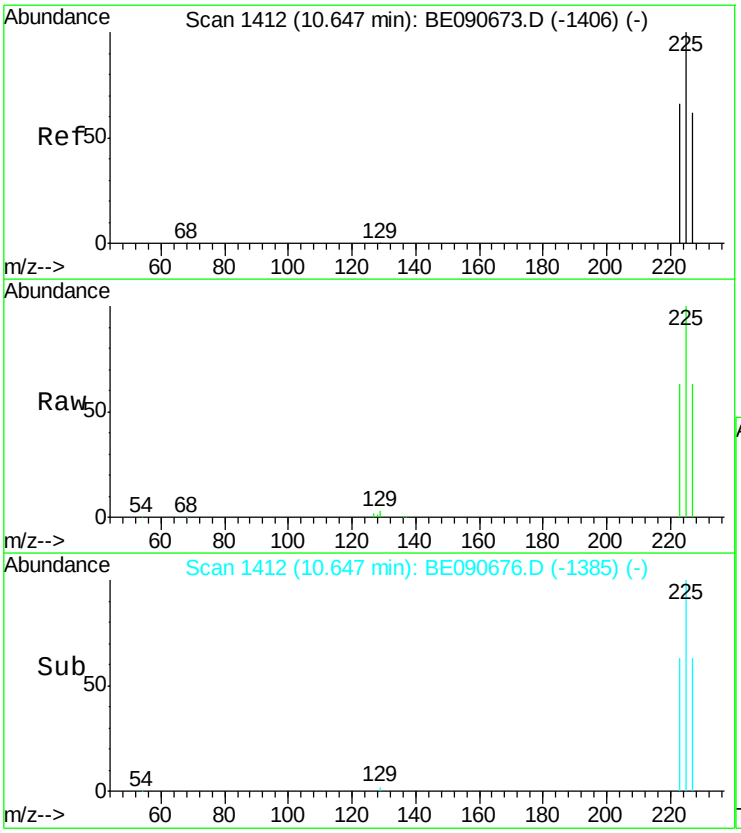
#9
Naphthalene
Concen: 8.44 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 429105

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.1	10.6	15.8

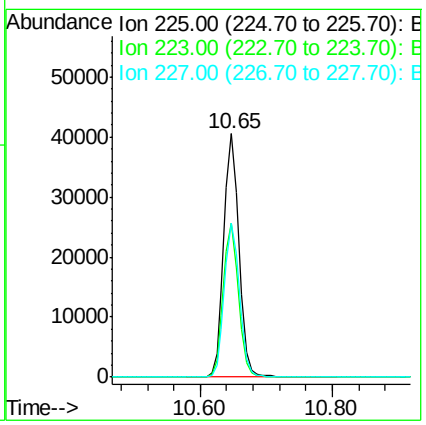


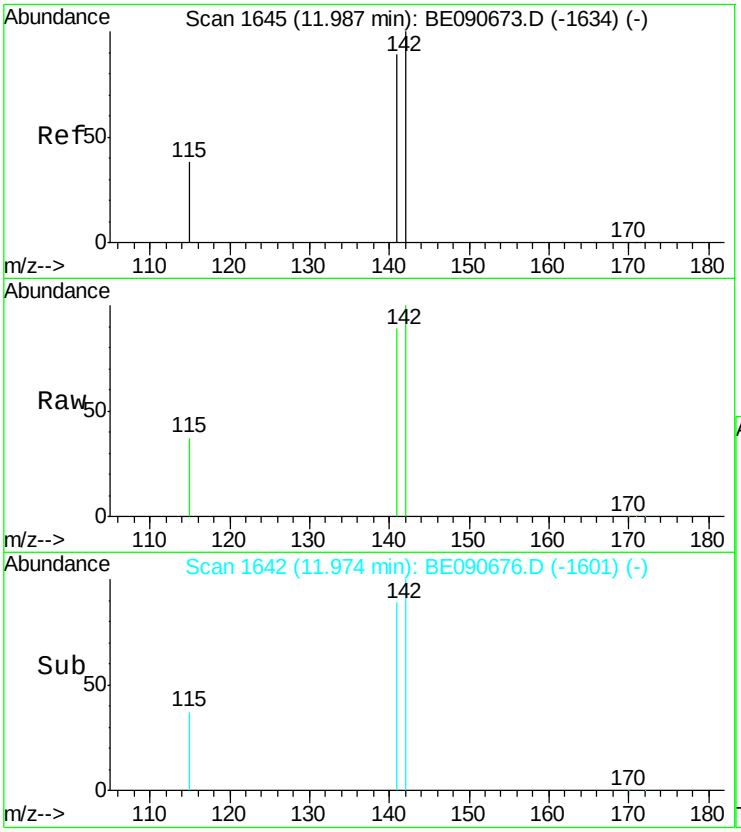


#10
Hexachlorobutadiene
Concen: 8.51 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:225 Resp: 64334

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.4	51.0	76.6



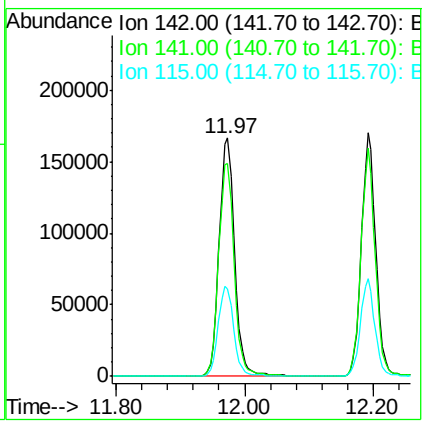


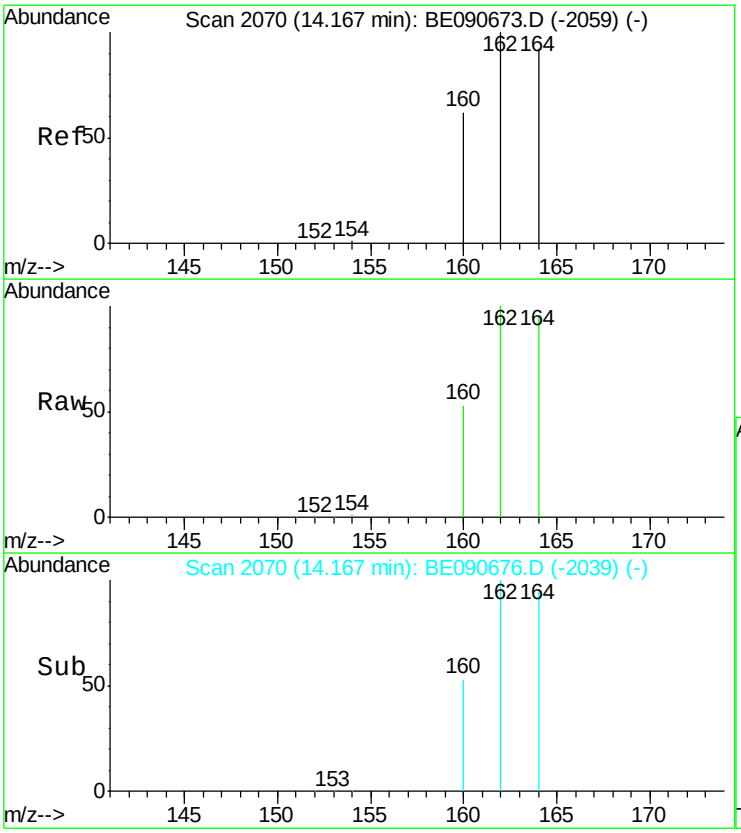
#11
2-Methylnaphthalene
Concen: 8.56 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 277697

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	36.9	31.0	46.4

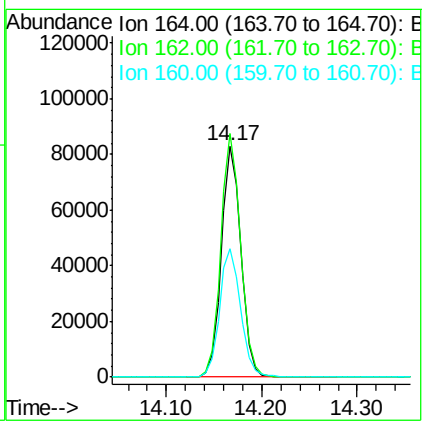


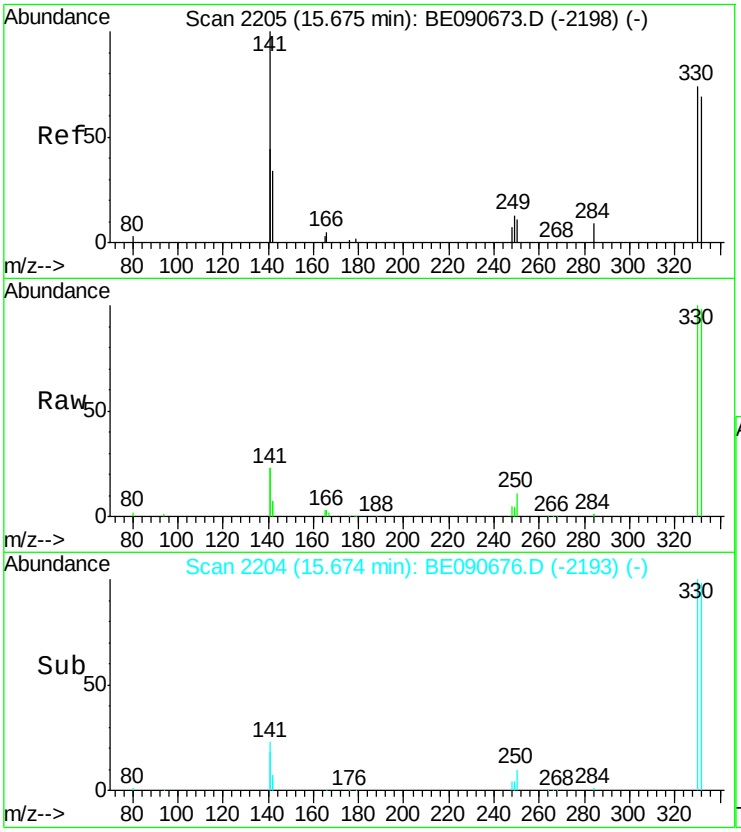


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:164 Resp: 117713

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.8	130.2
160	55.8	53.9	80.9



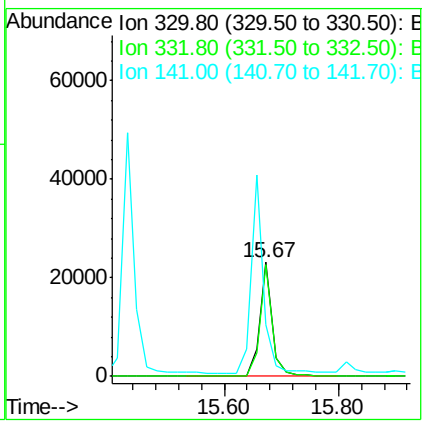


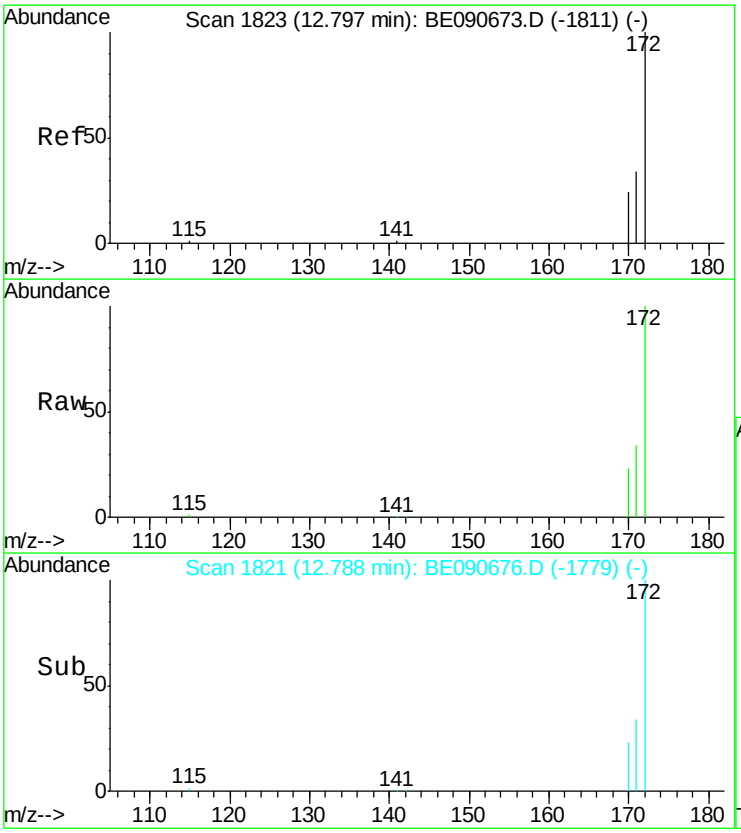
#13
2,4,6-Tribromophenol
Concen: 8.09 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 35395

Ion	Ratio	Lower	Upper
330	100		
332	96.8	74.9	112.3
141	171.2	145.2	217.8

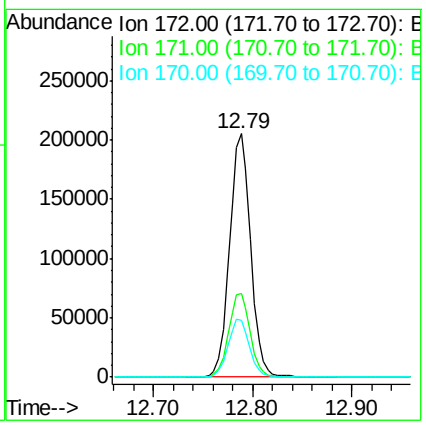


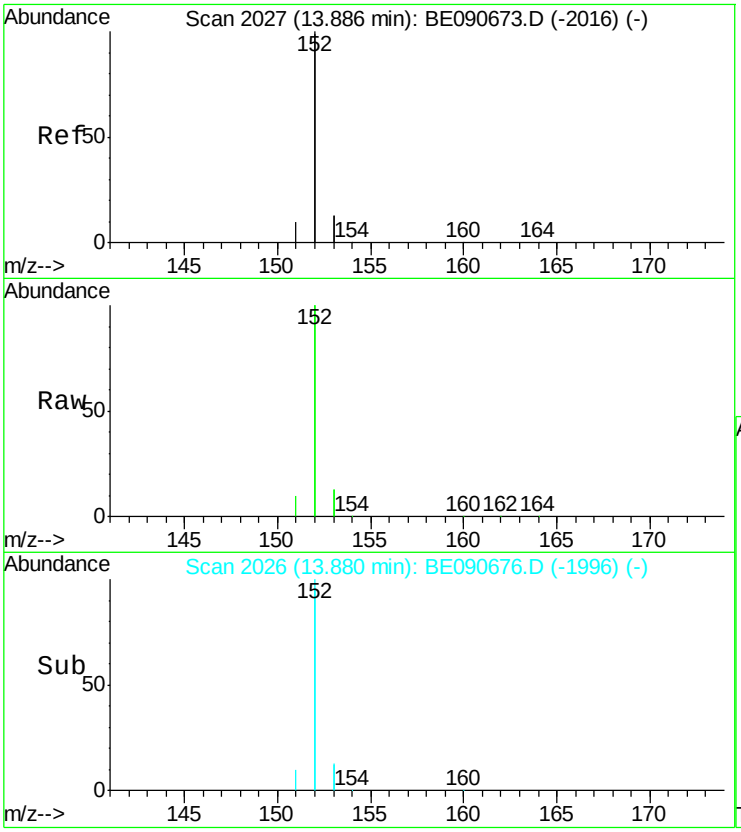


#14
2-Fluorobiphenyl
Concen: 8.72 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:172 Resp: 303357

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.3	19.8	29.6



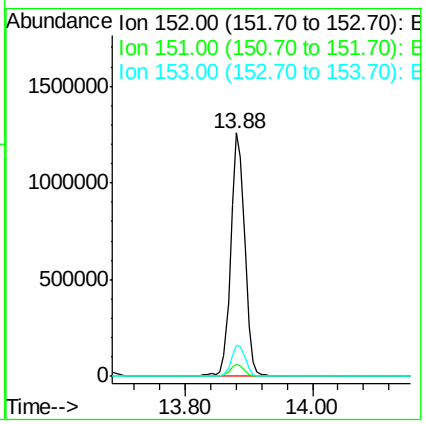


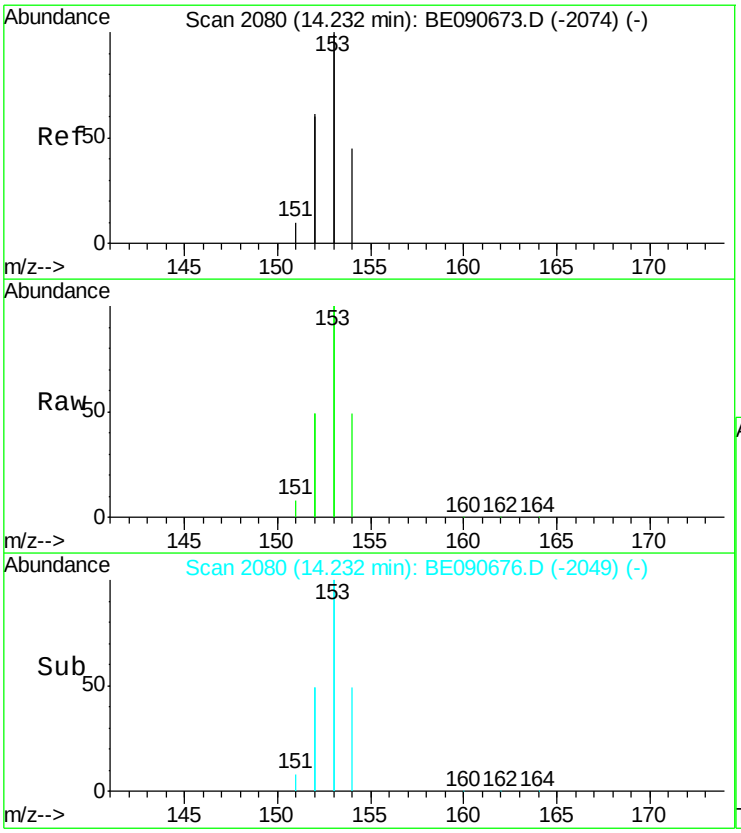
#15
Acenaphthylene
Concen: 9.06 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 1913125

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.3	15.5

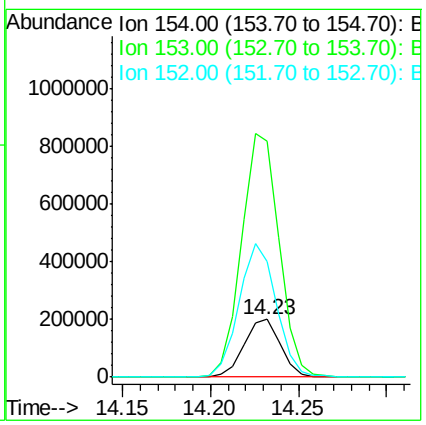


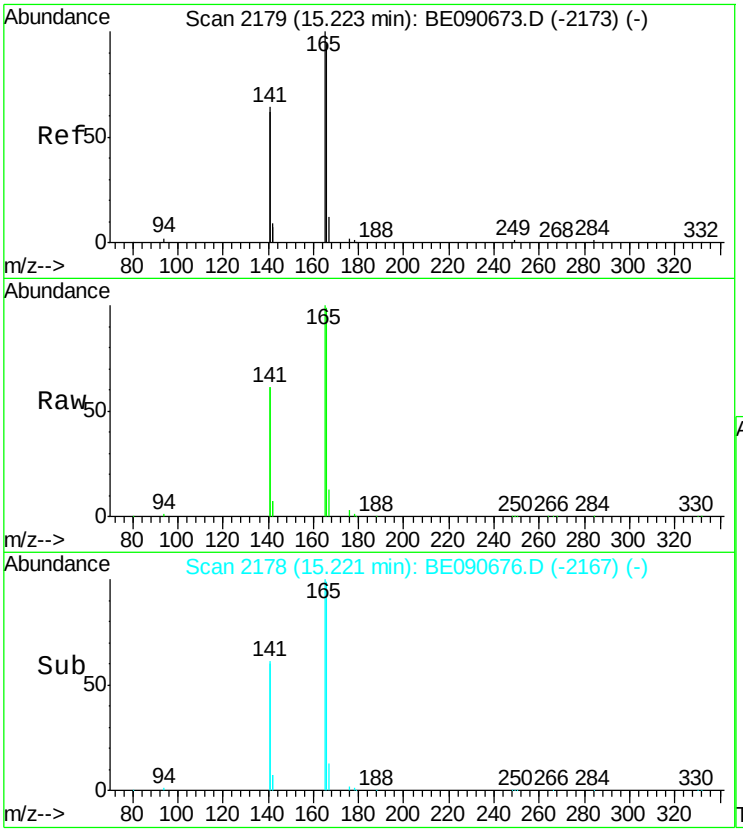


#16
Acenaphthene
Concen: 8.90 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:154 Resp: 287757

Ion	Ratio	Lower	Upper
154	100		
153	434.1	354.5	531.7
152	236.8	227.8	341.6



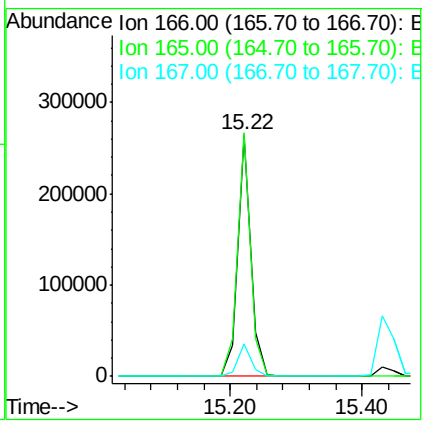


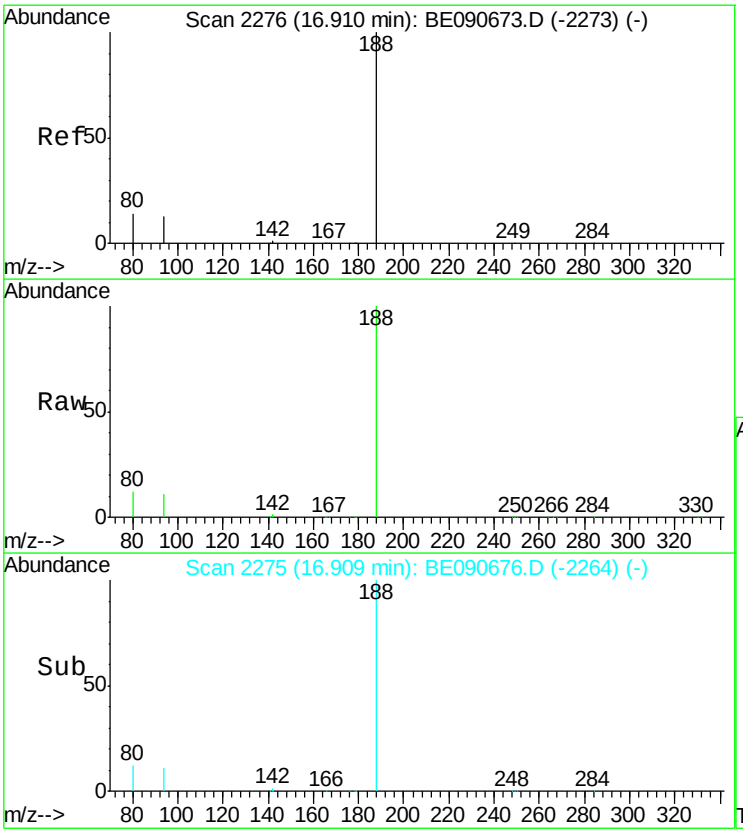
#17
Fluorene
Concen: 9.27 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 366766

Ion	Ratio	Lower	Upper
166	100		
165	100.9	82.7	124.1
167	13.6	10.7	16.1

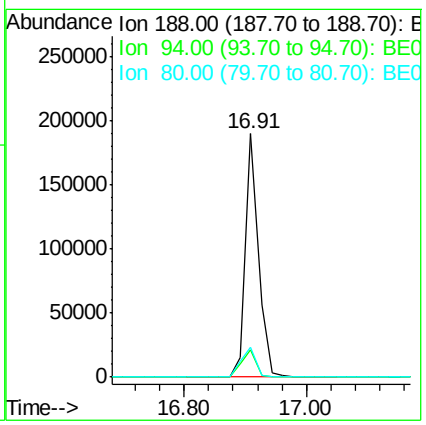


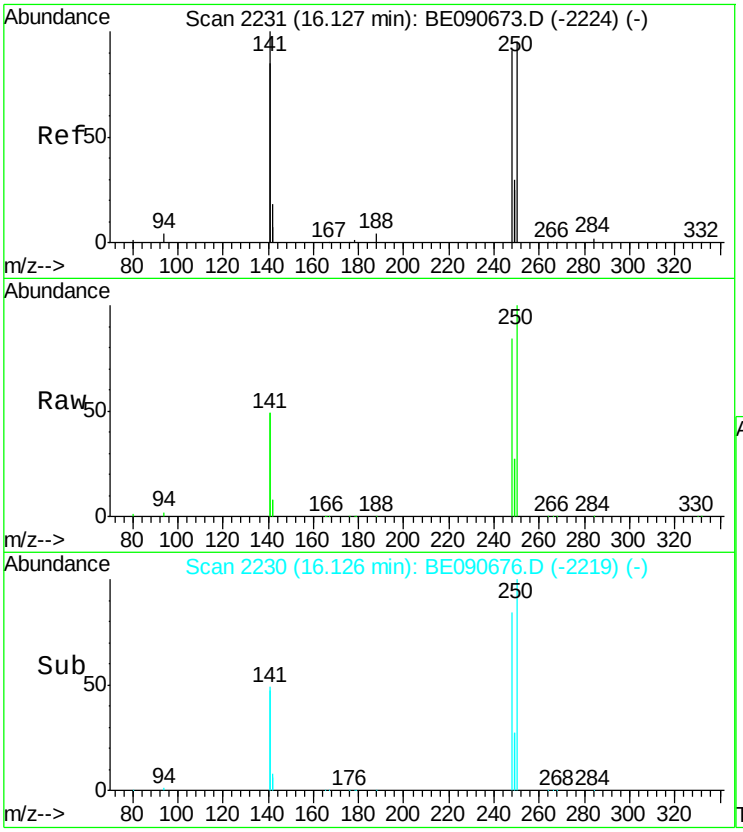


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:188 Resp: 279687

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.3	15.5
80	12.2	11.0	16.6



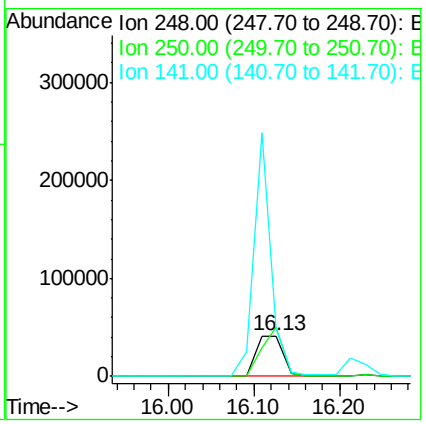


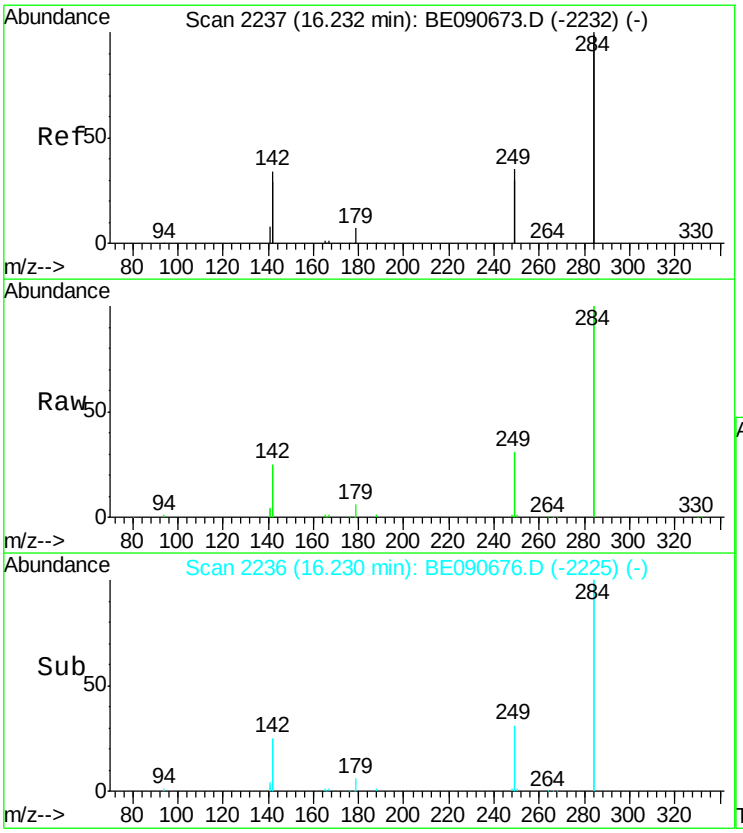
#19
4-Bromophenyl-phenylether
Concen: 8.05 ng
RT: 16.13 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 90031

Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.7	115.1
141	377.3	292.6	439.0

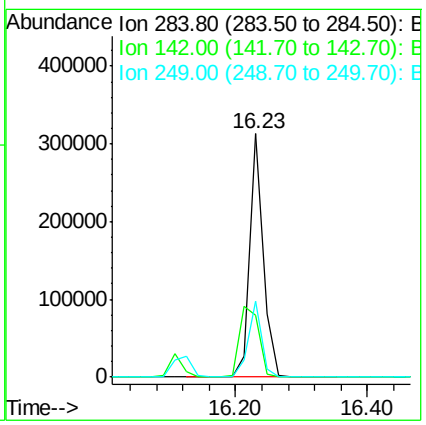


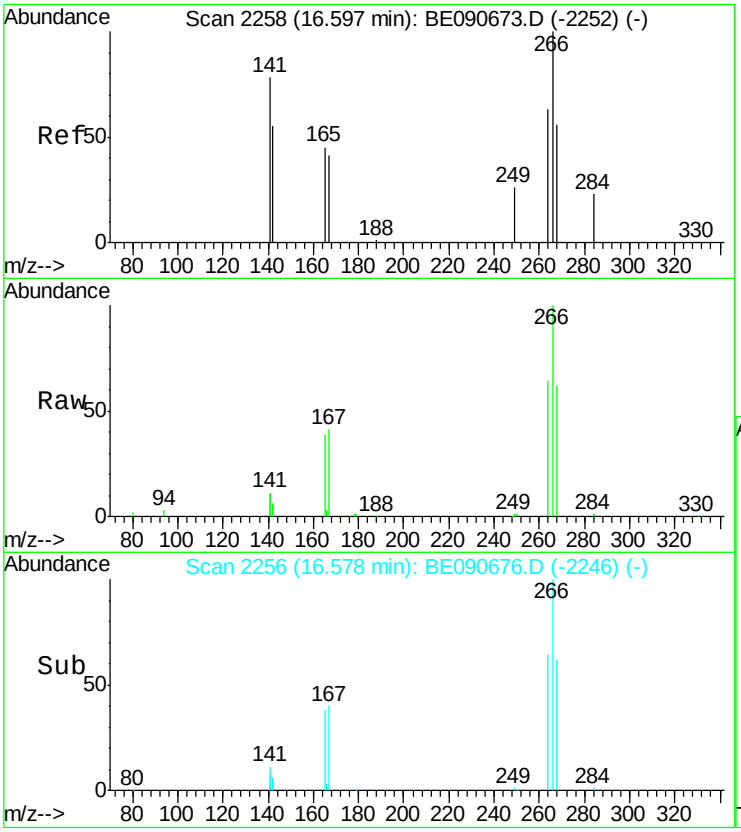


#20
Hexachlorobenzene
Concen: 8.75 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:284 Resp: 444372

Ion	Ratio	Lower	Upper
284	100		
142	41.1	35.0	52.4
249	30.8	25.5	38.3



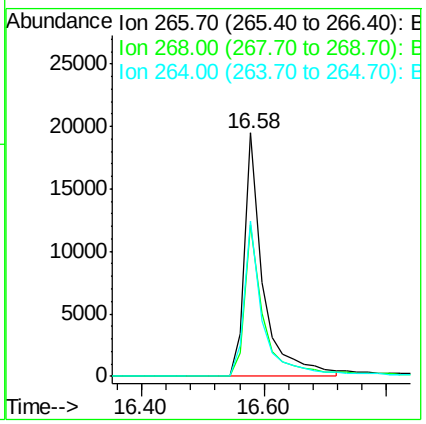


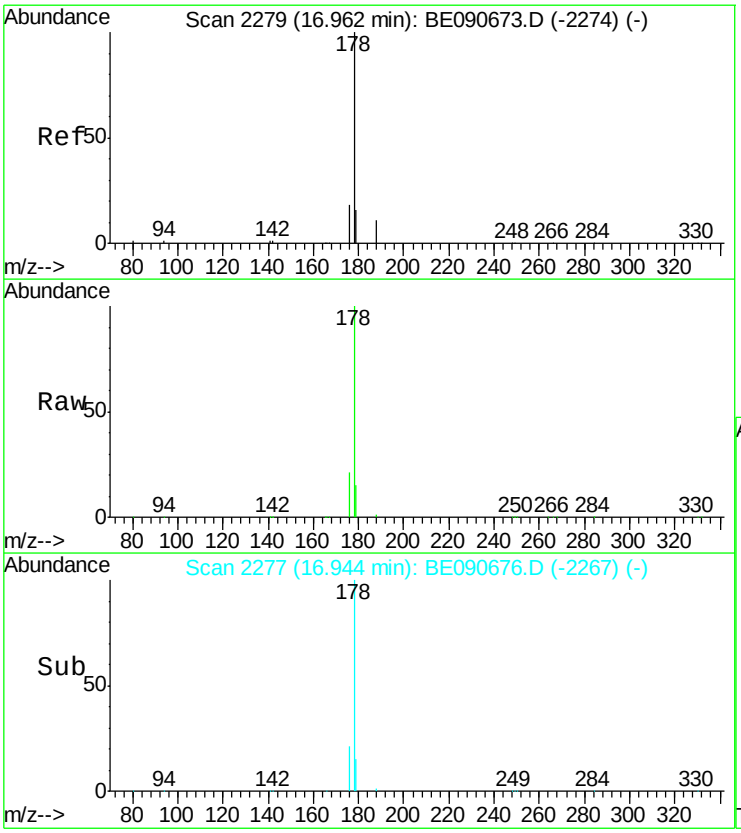
#21
Pentachlorophenol
Concen: 9.47 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 40635

Ion	Ratio	Lower	Upper
266	100		
268	62.0	49.6	74.4
264	63.7	53.9	80.9

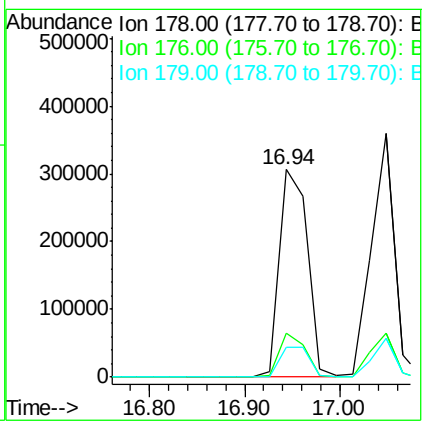


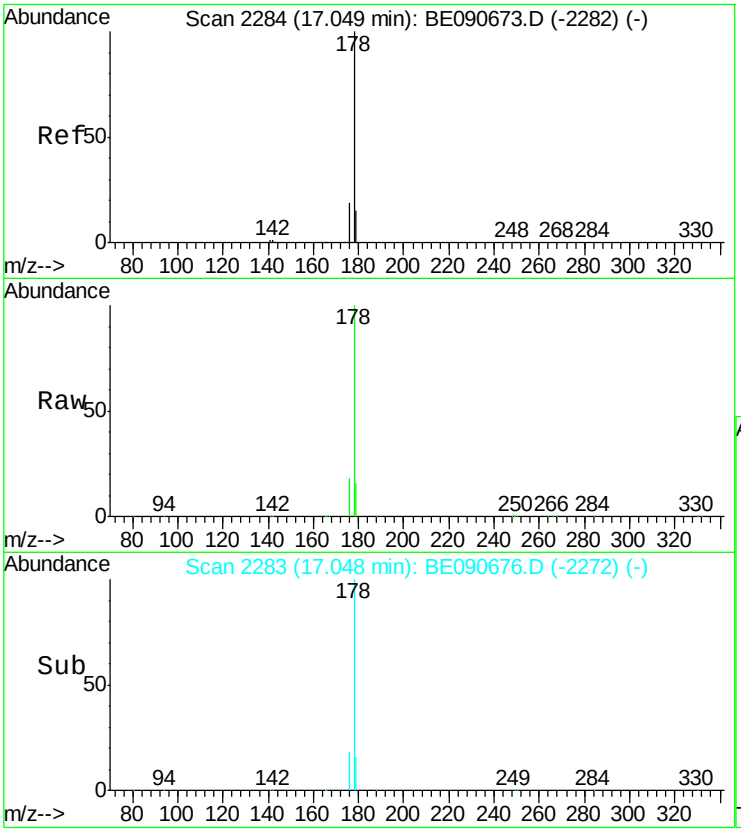


#22
Phenanthrene
Concen: 8.51 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:178 Resp: 621625

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.4	12.8	19.2



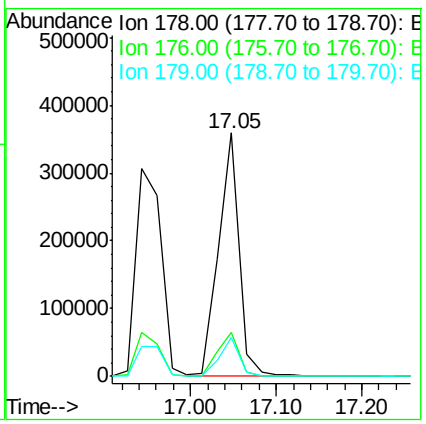


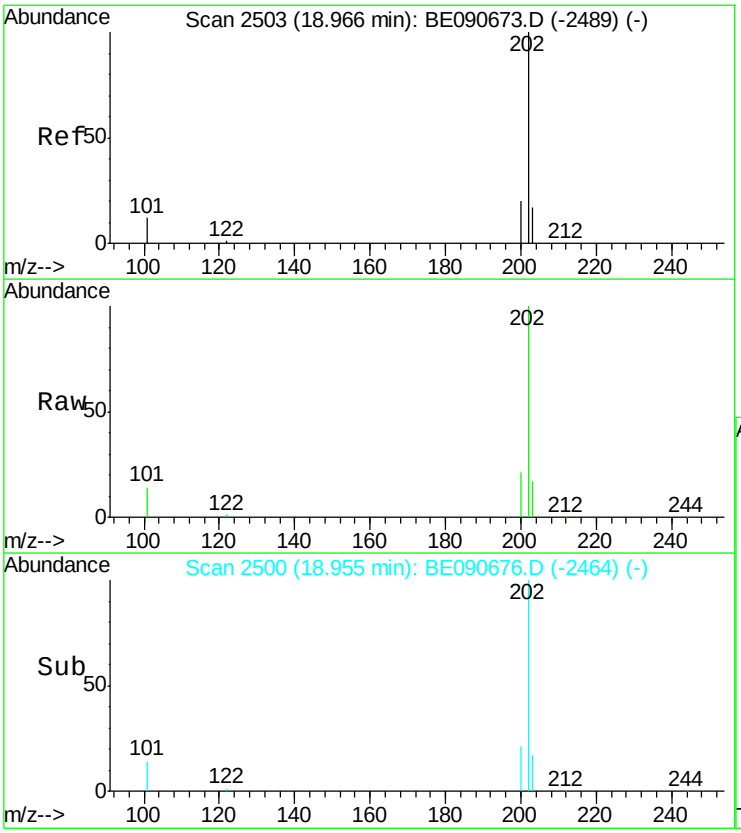
#23
Anthracene
Concen: 9.07 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 601439

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.3	12.3	18.5

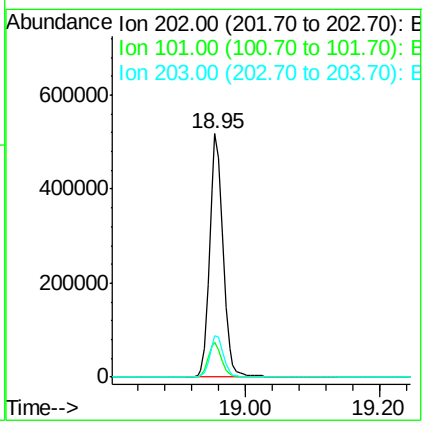


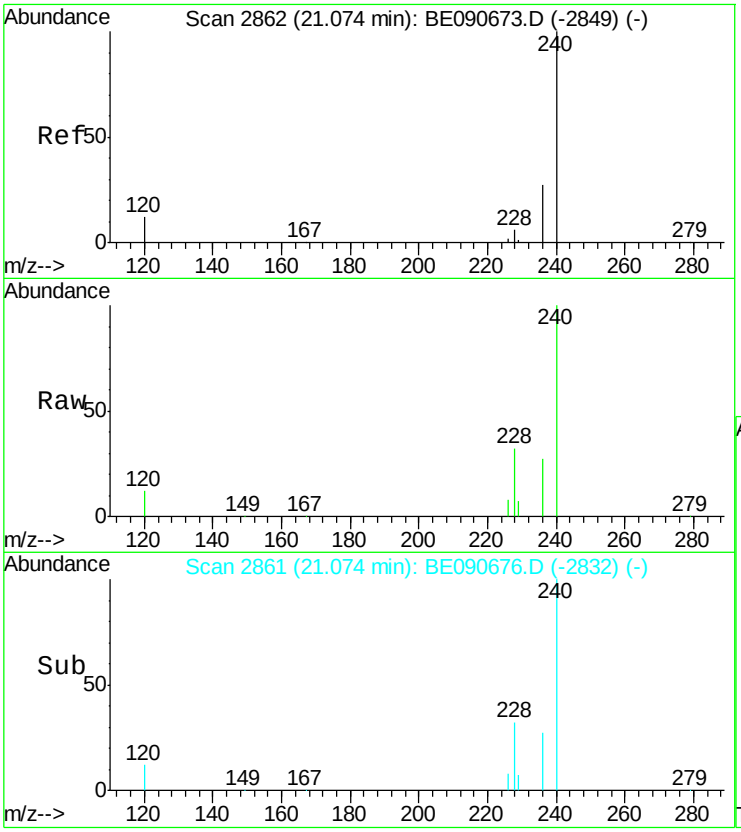


#24
Fluoranthene
Concen: 9.34 ng
RT: 18.95 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:202 Resp: 719294

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.6
203	17.4	13.9	20.9



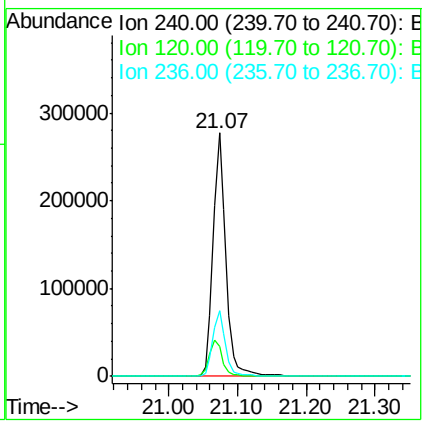


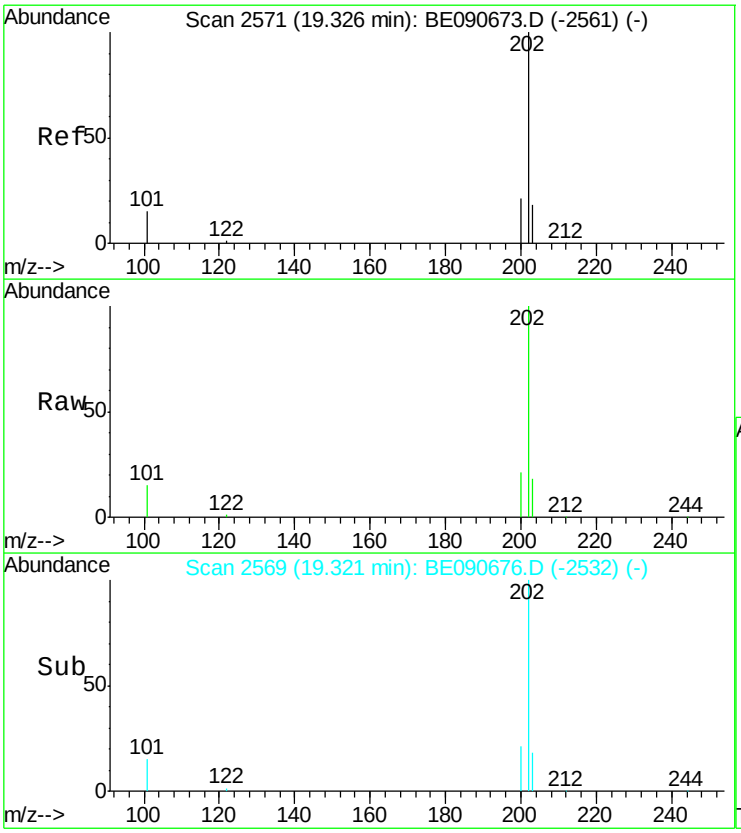
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 359131

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.1	15.1
236	26.8	21.9	32.9

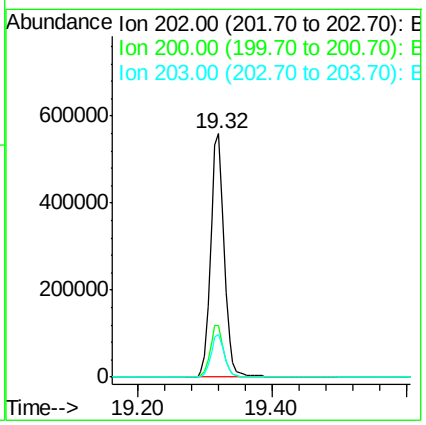


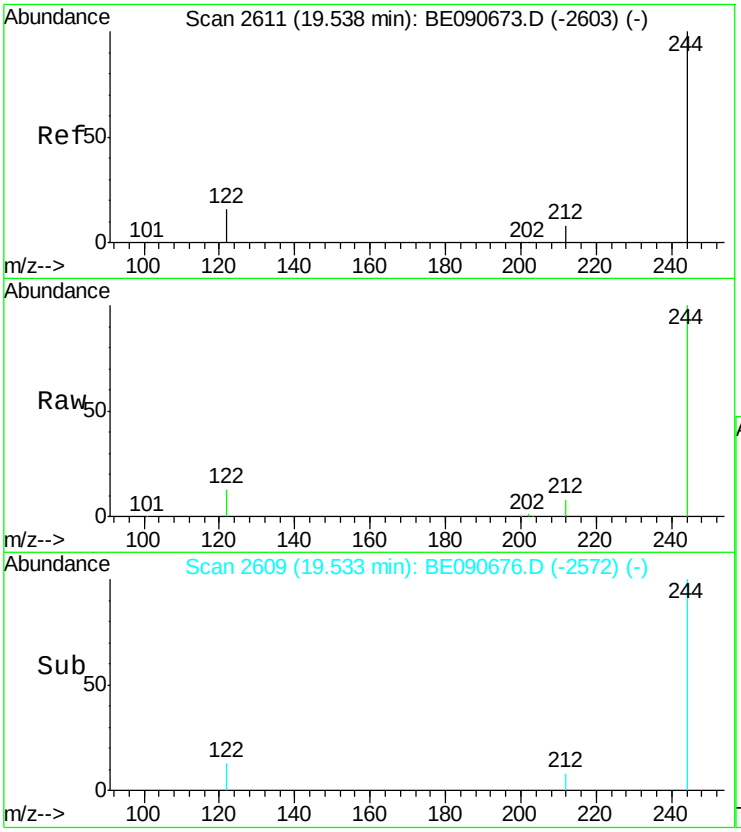


#26
Pyrene
Concen: 7.81 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:202 Resp: 773321

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.5	13.8	20.6



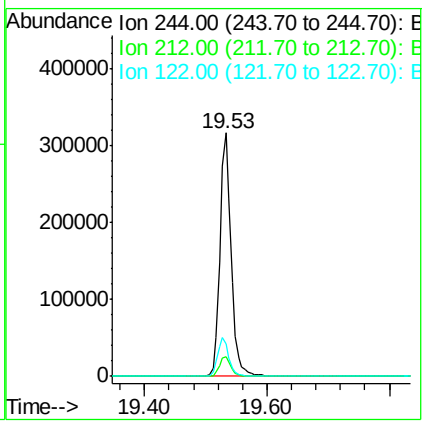


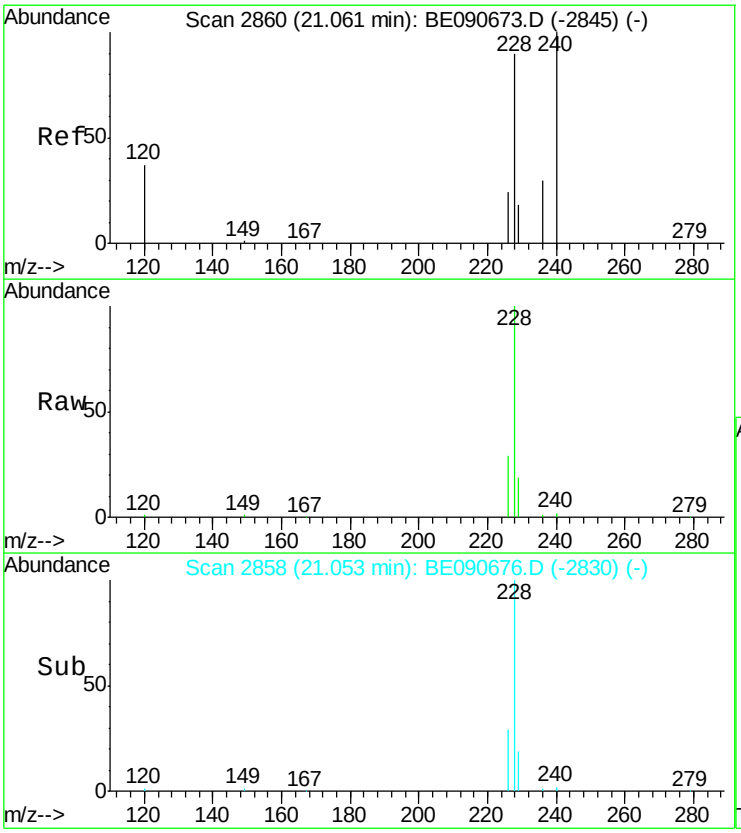
#27
Terphenyl-d14
Concen: 6.53 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 407436

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	13.4	12.9	19.3

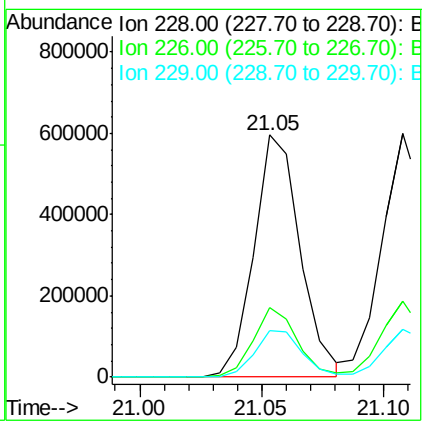


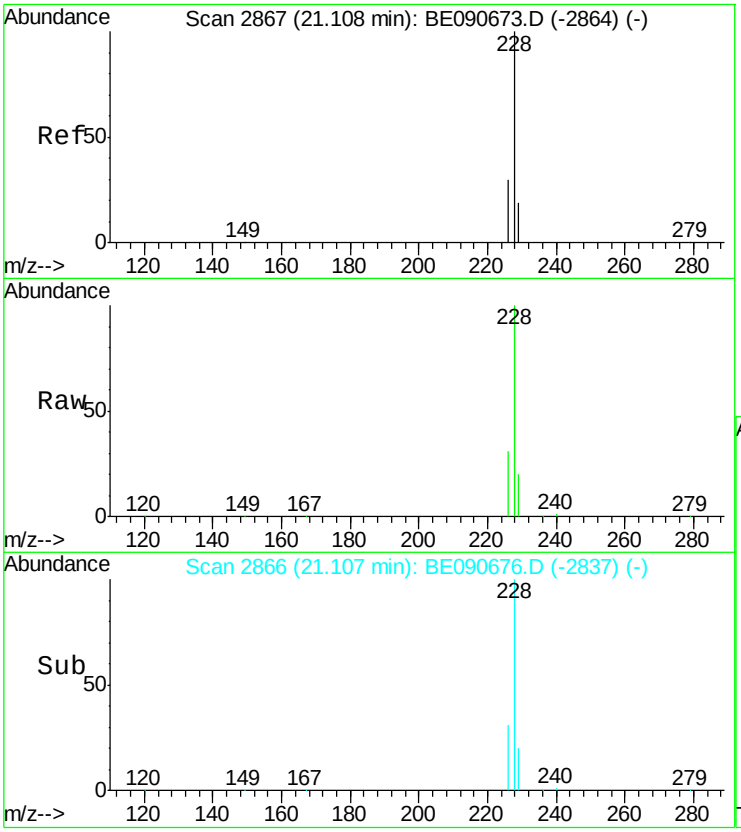


#28
Benzo(a)anthracene
Concen: 8.37 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:228 Resp: 779772

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.6	32.4
229	19.0	15.9	23.9



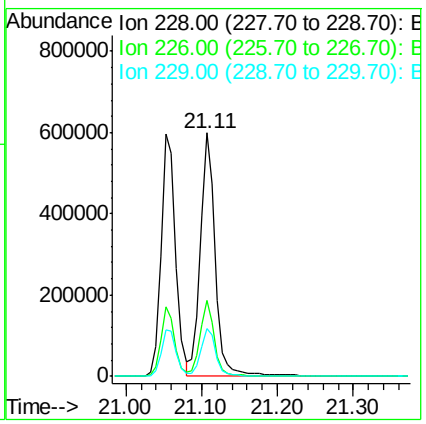


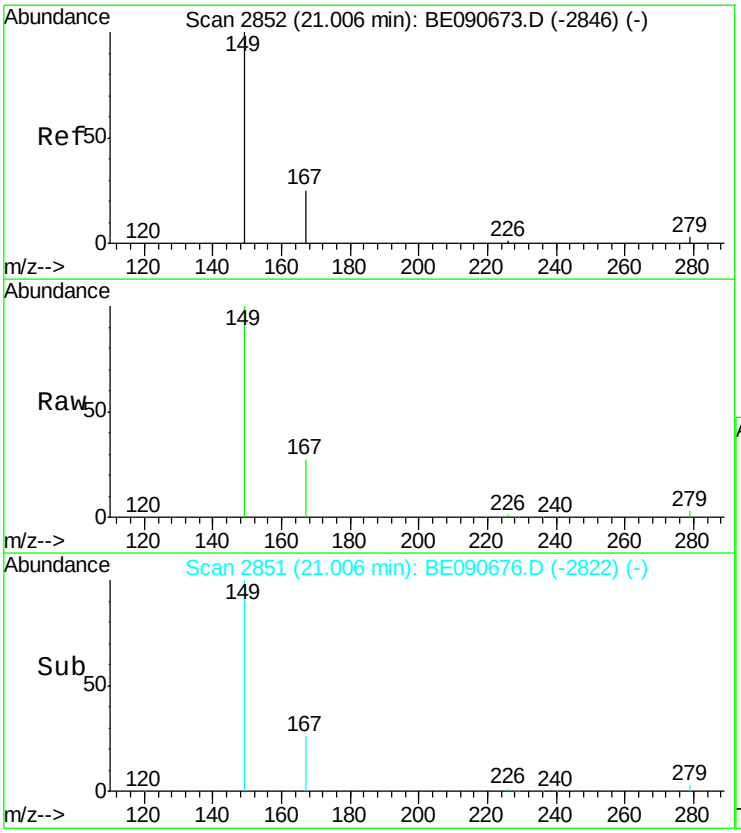
#29
Chrysene
Concen: 8.52 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 817146

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	19.7	15.3	22.9

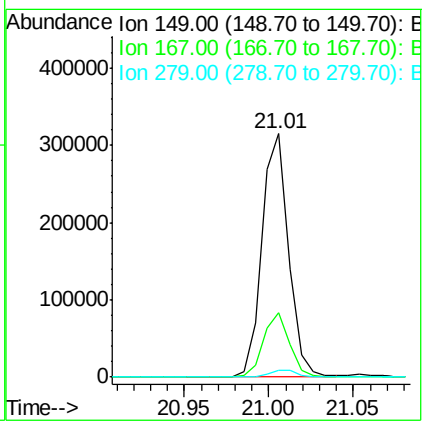


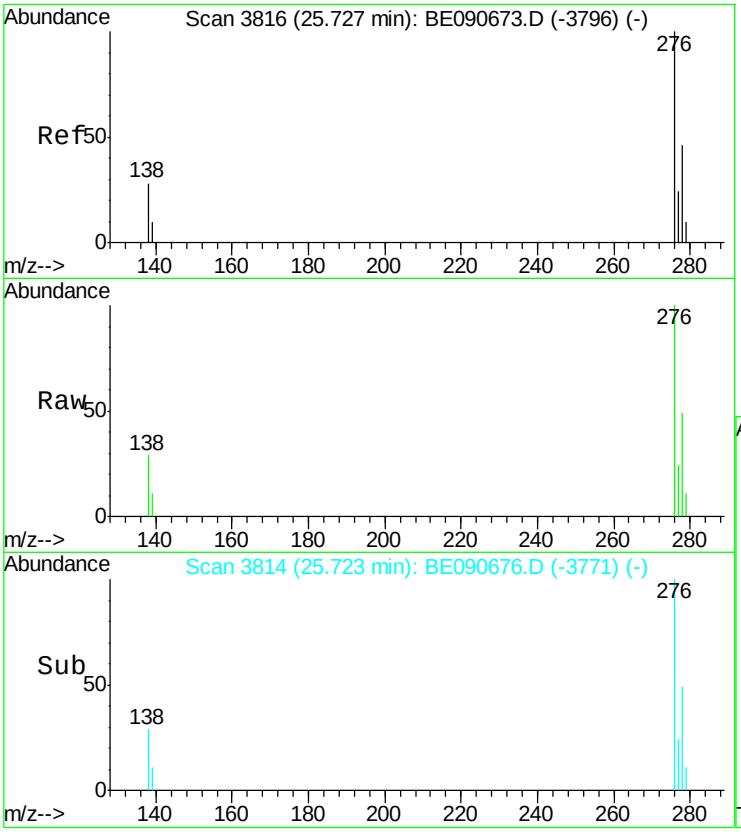


#30
Bis(2-ethylhexyl)phthalate
Concen: 7.00 ng
RT: 21.01 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:149 Resp: 342775

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.1	30.1
279	3.0	2.3	3.5



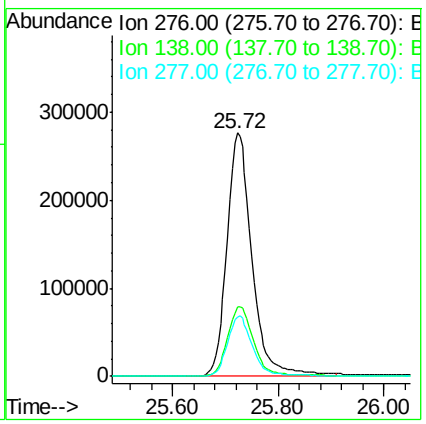


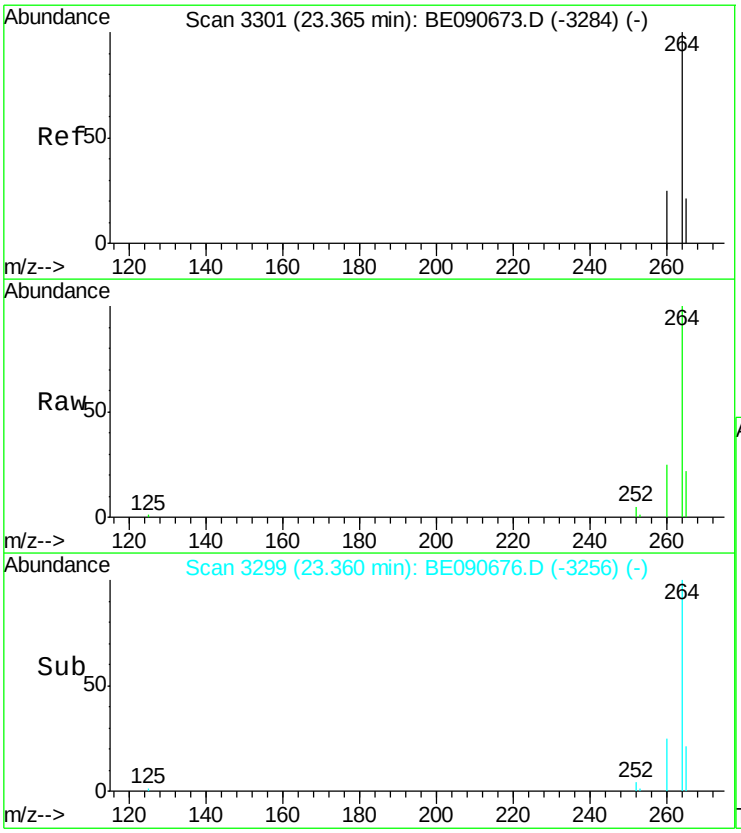
#31
Indeno(1,2,3-cd)pyrene
Concen: 10.08 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 910793

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.3	34.9
277	25.1	19.8	29.6

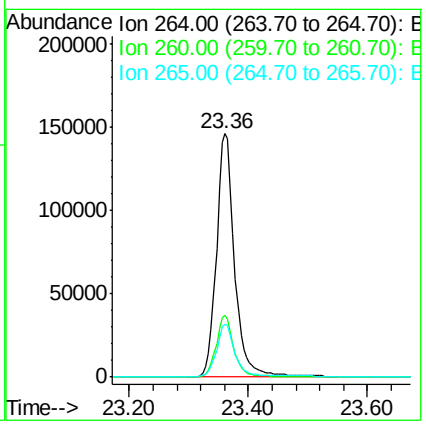


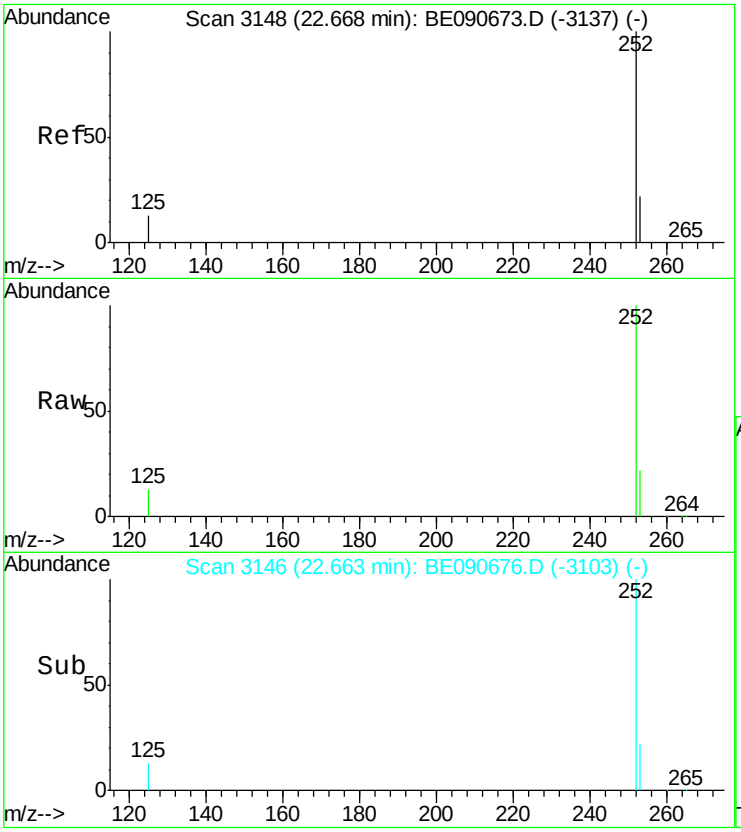


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:264 Resp: 310397

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.5	17.5	26.3



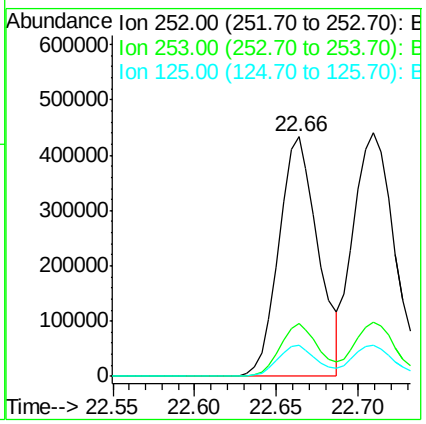


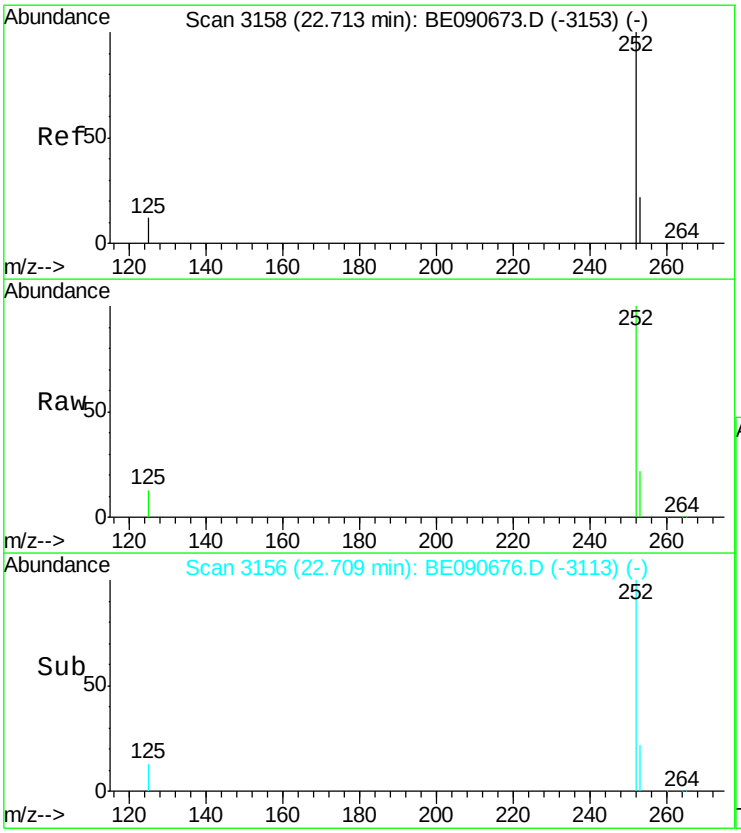
#33
Benzo(b)fluoranthene
Concen: 9.93 ng
RT: 22.66 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 721903

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.0	10.6	16.0

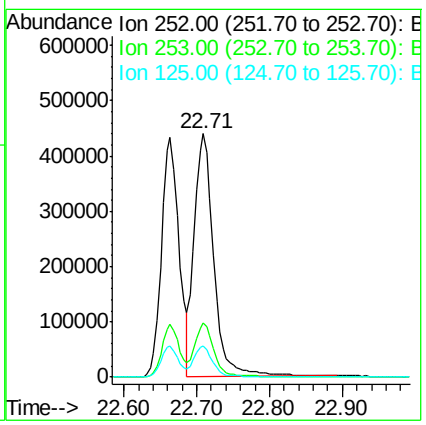


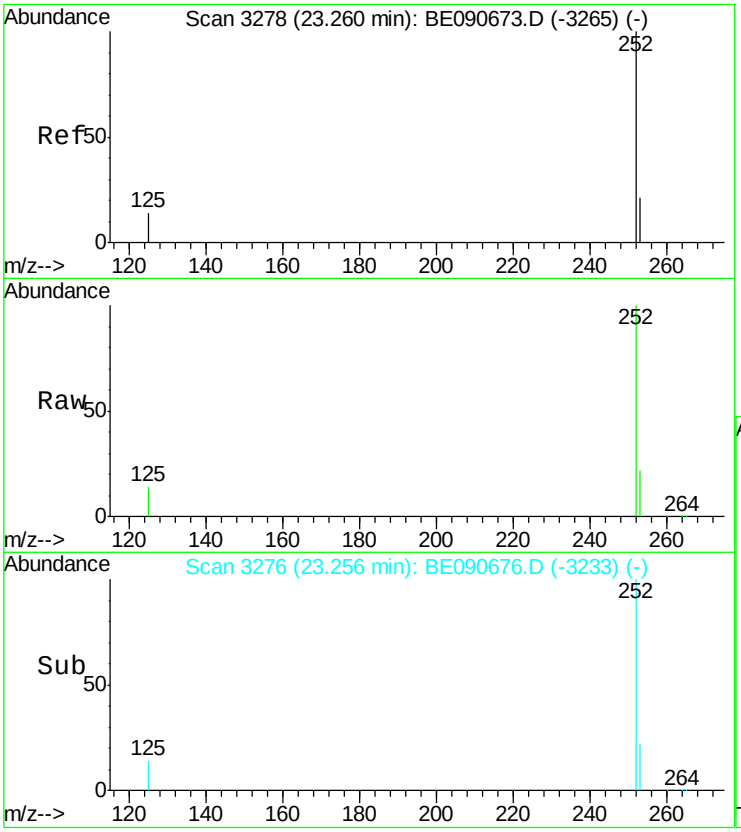


#34
Benzo(k)fluoranthene
Concen: 9.89 ng
RT: 22.71 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:252 Resp: 815161

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.7	10.1	15.1



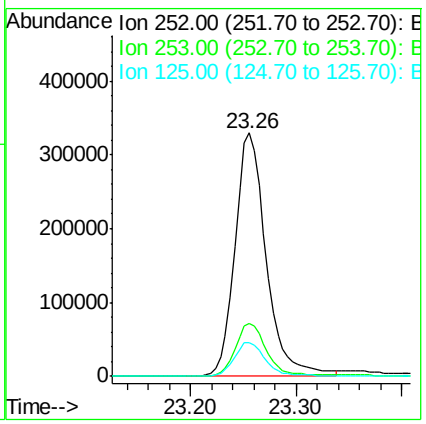


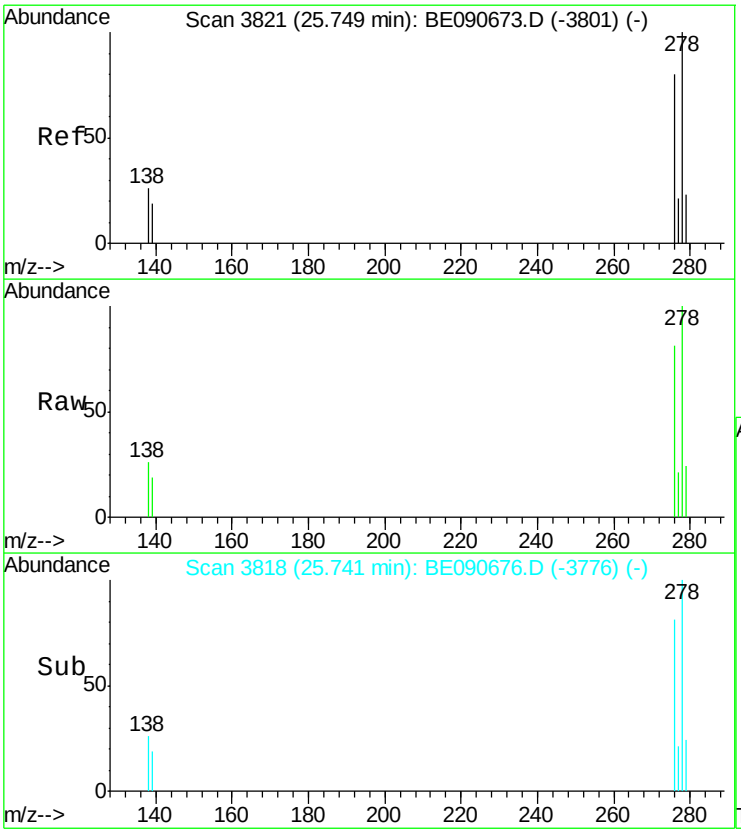
#35
Benzo(a)pyrene
Concen: 9.98 ng
RT: 23.26 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 673414

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.0	11.6	17.4

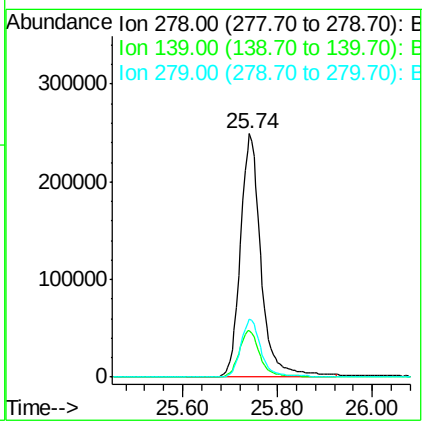


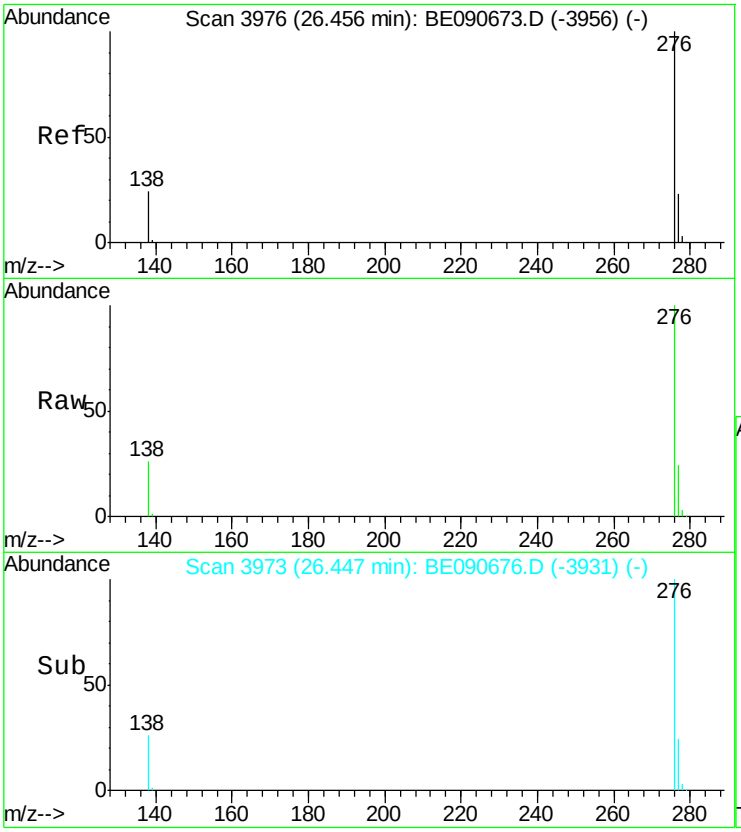


#36
Dibenzo(a,h)anthracene
Concen: 11.30 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Tgt Ion:278 Resp: 747184

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.0
279	23.7	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 10.31 ng
RT: 26.45 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BE090676.D
Acq: 1 Sep 2015 21:10

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 740286

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	25.8	20.1	30.1