Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
Data File : BE090842.D
Acq On : 16 Sep 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Sep 17 00:54:42 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 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	53115	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	257474	5.00	ng		0.00
12) Acenaphthene-d10	14.16	164	137173	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	330527	5.00	ng		0.00
25) Chrysene-d12	21.07	240	453961	5.00	ng		0.00
32) Perylene-d12	23.35	264	439655	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	8029	0.79	ng		0.00
5) Phenol-d6	6.75	99	13363	0.90	ng		0.00
7) Nitrobenzene-d5	8.70	82	14611	0.86	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	2440	0.75	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	31039	0.82	ng		-0.01
27) Terphenyl-d14	19.53	244	43429	0.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	6831	0.84	ng		98
3) n-Nitrosodimethylamine	3.45	42	8538	0.84	ng	#	97
8) Nitrobenzene	8.74	77	16540	0.88	ng		97
9) Naphthalene	10.35	128	49116	0.87	ng		100
10) Hexachlorobutadiene	10.64	225	7426	0.85	ng		100
11) 2-Methylnaphthalene	11.98	142	27375	0.90	ng		98
15) Acenaphthylene	13.88	152	185031	0.84	ng		100
16) Acenaphthene	14.23	154	31657	0.86	ng		95
17) Fluorene	15.22	166	38938	0.85	ng		97
19) 4-Bromophenyl-phenylether	16.11	248	8903	0.79	ng		97
20) Hexachlorobenzene	16.23	284	50835	0.84	ng		97
21) Pentachlorophenol	16.60	266	2381	0.95	ng		93
22) Phenanthrene	16.94	178	72730	0.89	ng		99
23) Anthracene	17.05	178	60251	0.88	ng		99
24) Fluoranthene	18.96	202	75006	0.87	ng		99
26) Pyrene	19.32	202	90725	0.97	ng		100
28) Benzo(a)anthracene	21.05	228	93483	0.93	ng		99
29) Chrysene	21.10	228	102696	0.92	ng		99
30) Bis(2-ethylhexyl)phthalate	21.00	149	21608	0.85	ng		100
31) Indeno(1,2,3-cd)pyrene	25.71	276	110214	1.03	ng		99
33) Benzo(b)fluoranthene	22.65	252	84922	0.89	ng		100
34) Benzo(k)fluoranthene	22.70	252	102445	0.92	ng		99
35) Benzo(a)pyrene	23.25	252	80109	0.94	ng		99
36) Dibenzo(a,h)anthracene	25.73	278	85381	0.94	ng		99
37) Benzo(g,h,i)perylene	26.43	276	84306	0.86	ng		99

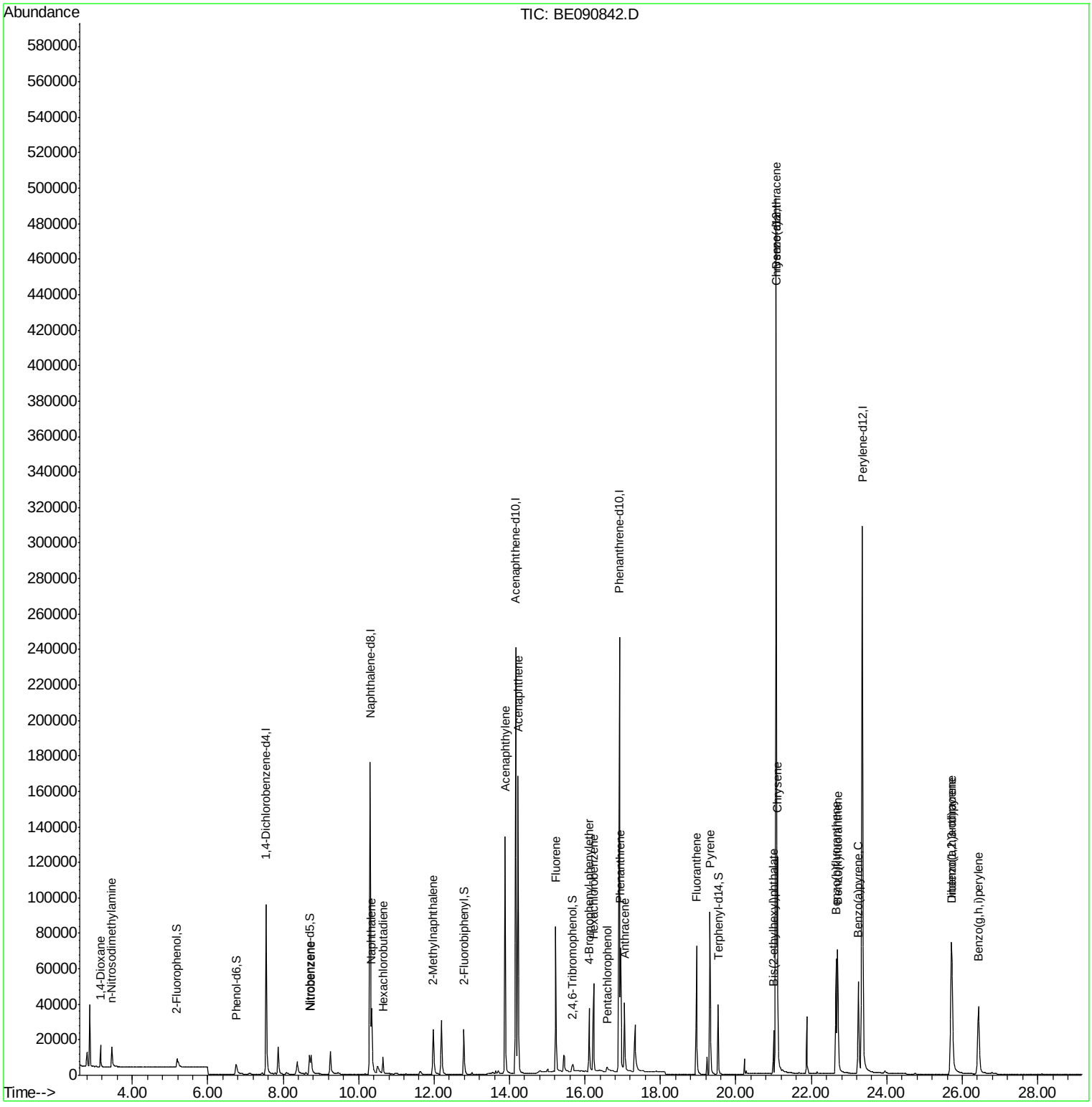
(#) = qualifier out of range (m) = manual integration (+) = signals summed

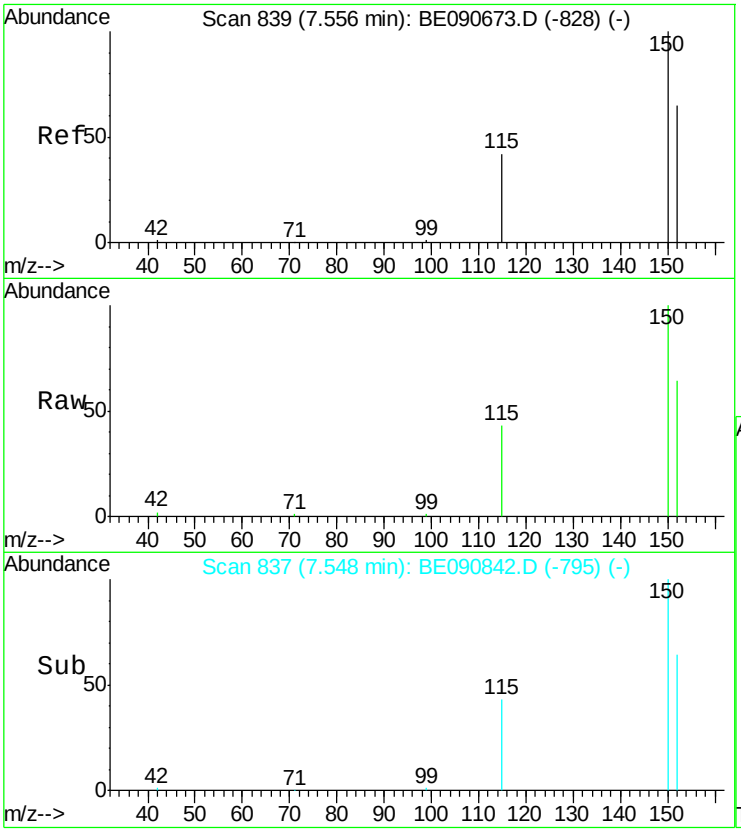
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
Data File : BE090842.D
Acq On : 16 Sep 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Sep 17 00:54:42 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 11:40:50 2015
Response via : Initial Calibration



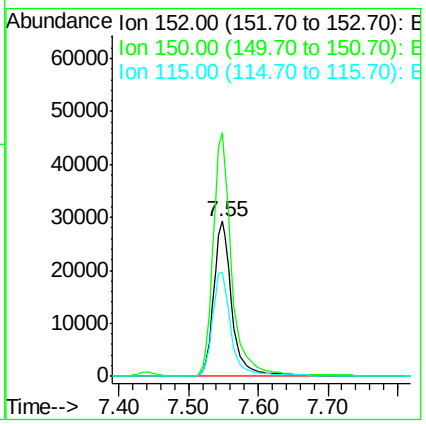


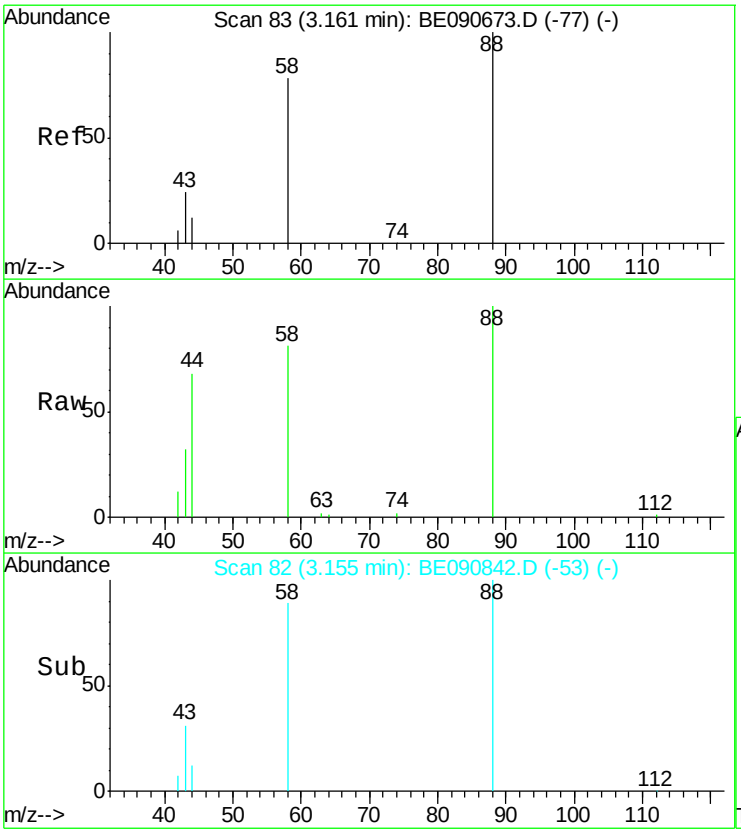
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 53115

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.2	183.4
115	67.4	51.0	76.4

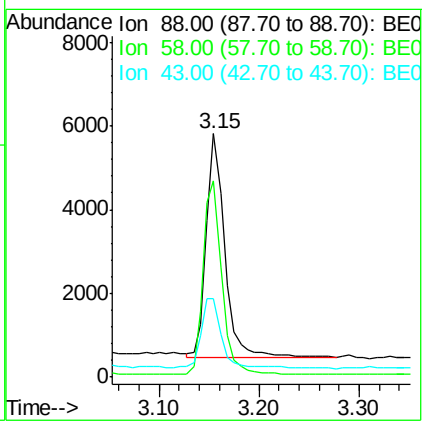


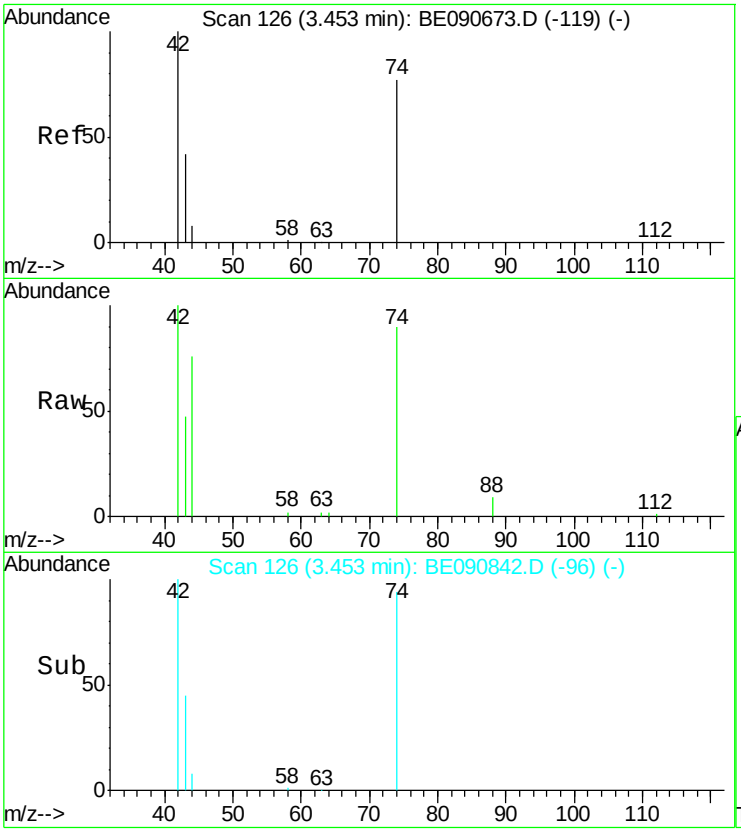


#2
1,4-Dioxane
Concen: 0.84 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion: 88 Resp: 6831

Ion	Ratio	Lower	Upper
88	100		
58	88.1	68.4	102.6
43	34.0	26.9	40.3



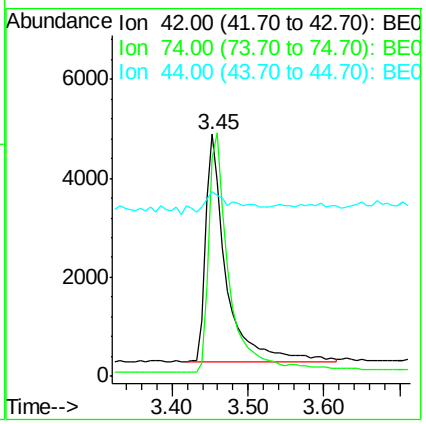


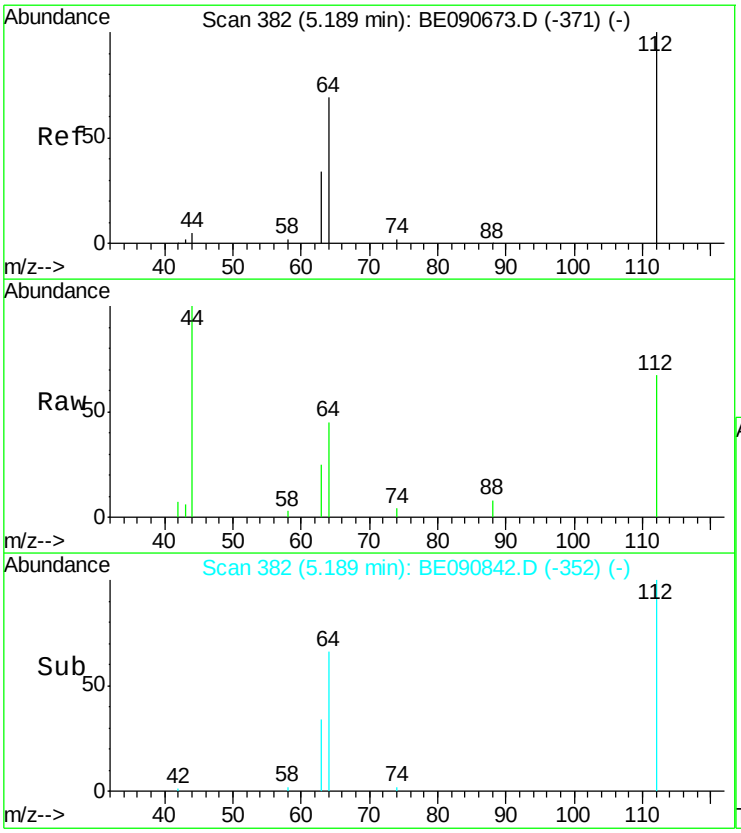
#3
n-Nitrosodimethylamine
Concen: 0.84 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 8538

Ion	Ratio	Lower	Upper
42	100		
74	102.6	83.7	125.5
44	17.1	10.0	15.0#

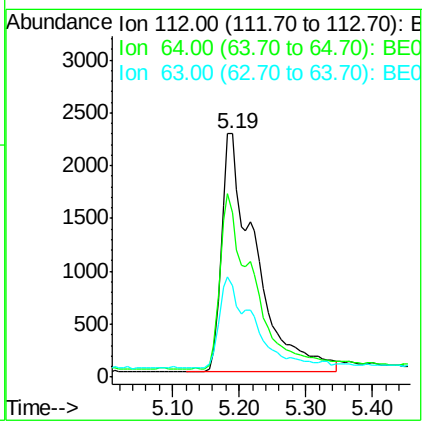


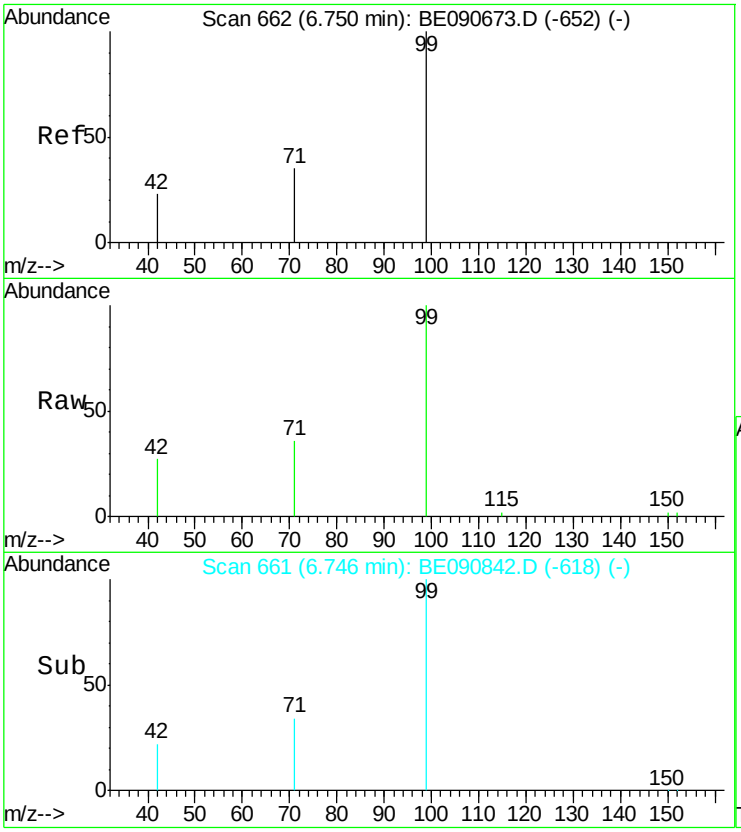


#4
2-Fluorophenol
Concen: 0.79 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:112 Resp: 8029

Ion	Ratio	Lower	Upper
112	100		
64	73.2	57.3	85.9
63	37.9	29.2	43.8



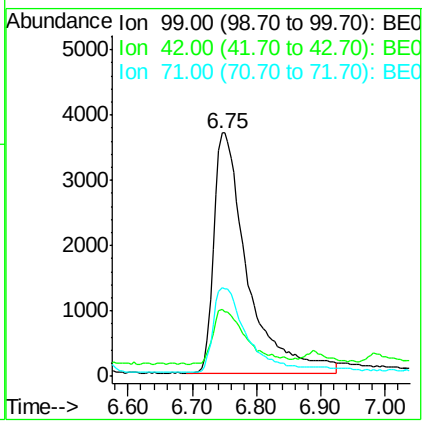


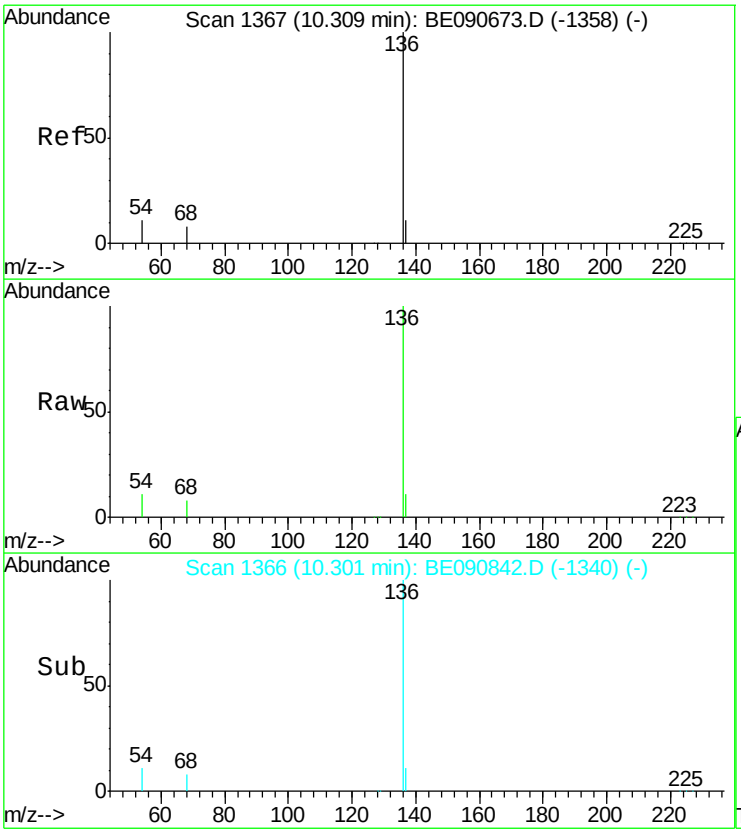
#5
Phenol-d6
Concen: 0.90 ng
RT: 6.75 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 13363

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.8	25.2
71	35.9	28.3	42.5

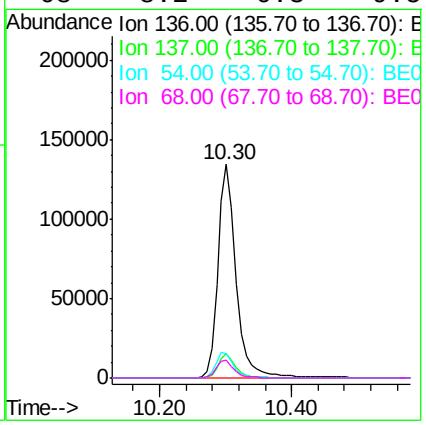


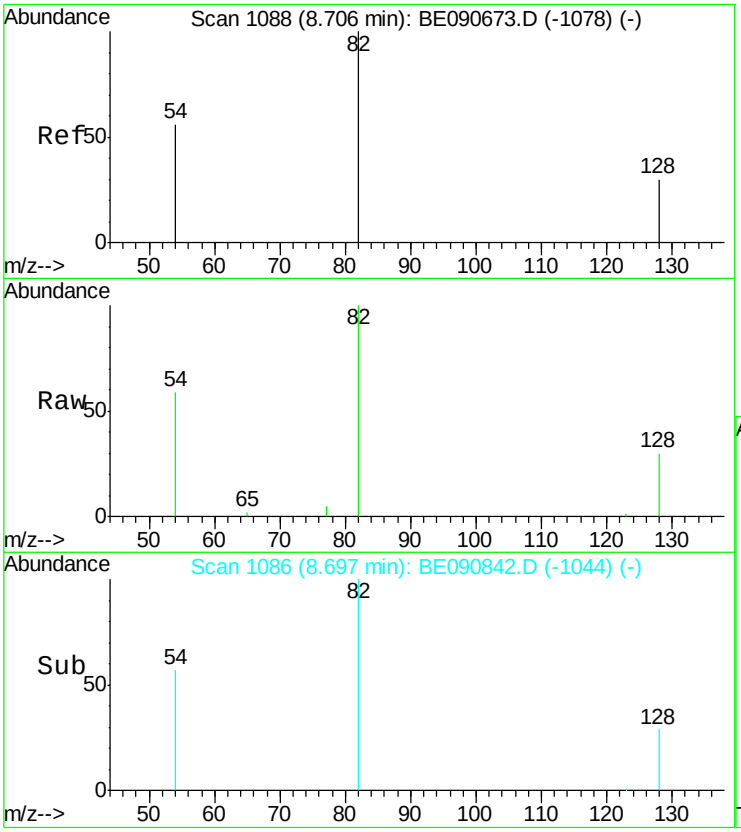


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:136 Resp: 257474

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.5	9.0	13.6
68	8.2	6.3	9.5



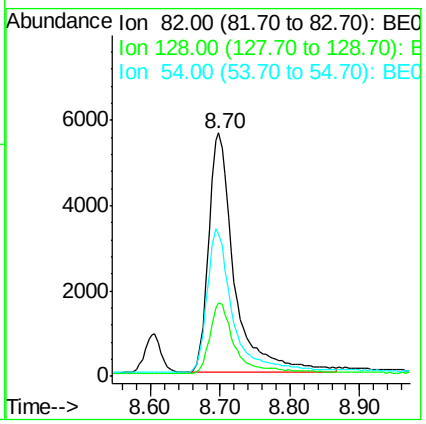


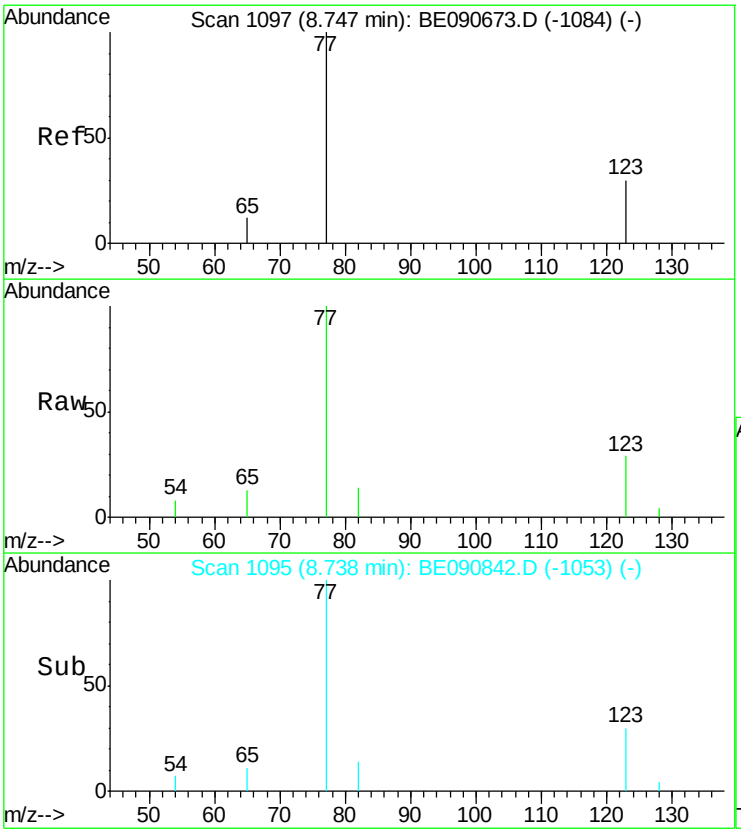
#7
Nitrobenzene-d5
Concen: 0.86 ng
RT: 8.70 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 14611

Ion	Ratio	Lower	Upper
82	100		
128	30.2	25.0	37.4
54	58.5	46.3	69.5

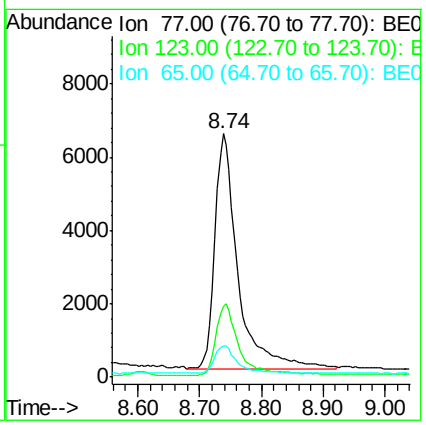


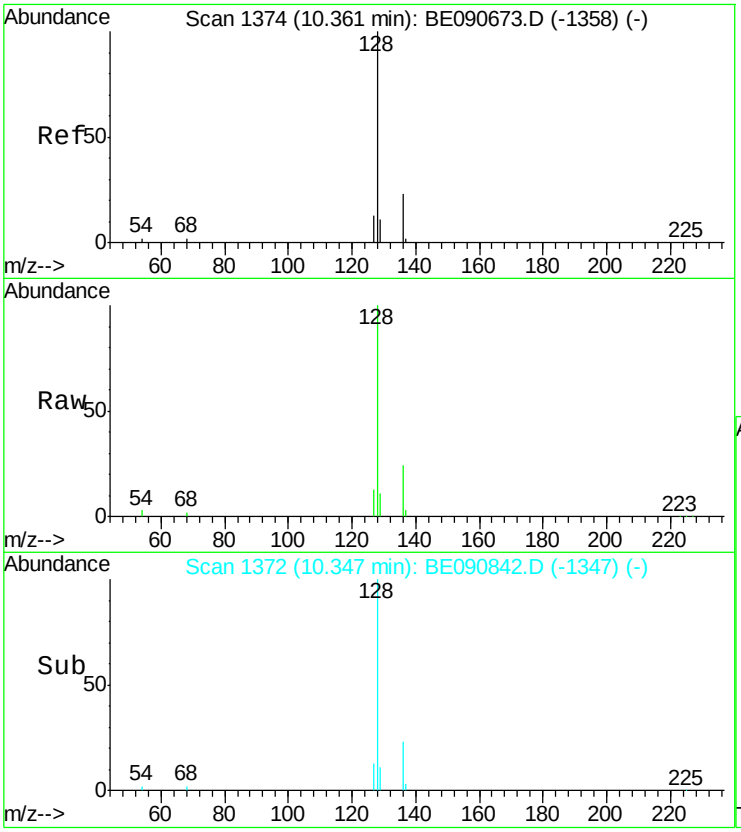


#8
Nitrobenzene
Concen: 0.88 ng
RT: 8.74 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion: 77 Resp: 16540

Ion	Ratio	Lower	Upper
77	100		
123	29.9	25.1	37.7
65	11.6	9.9	14.9



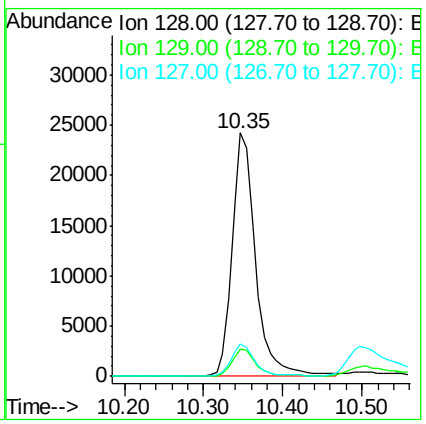


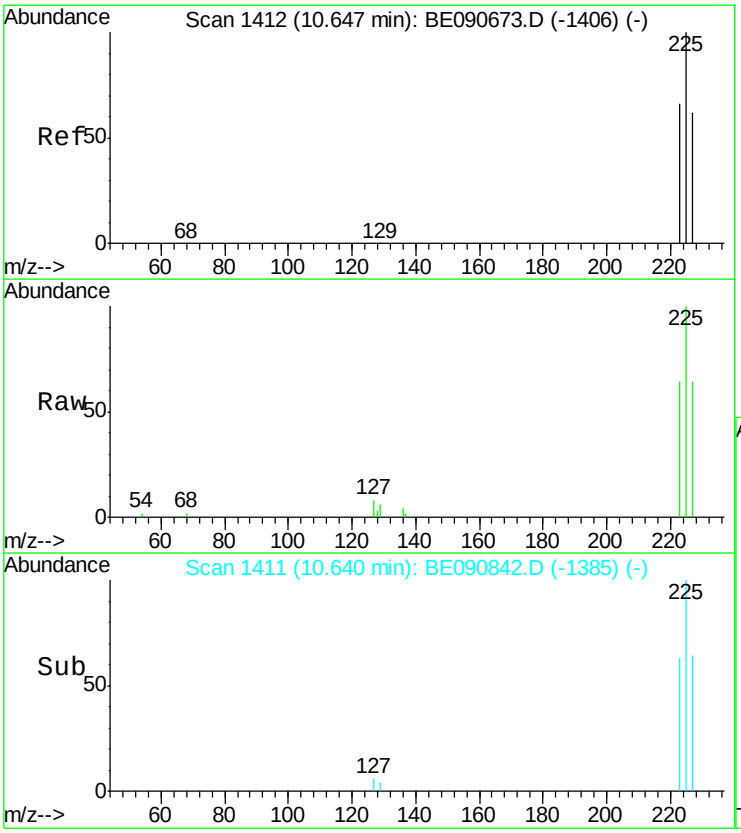
#9
Naphthalene
Concen: 0.87 ng
RT: 10.35 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 49116

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.6	15.8

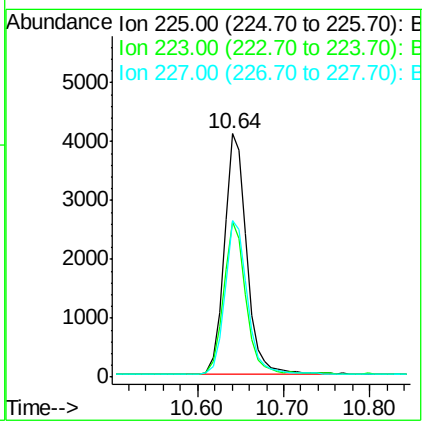


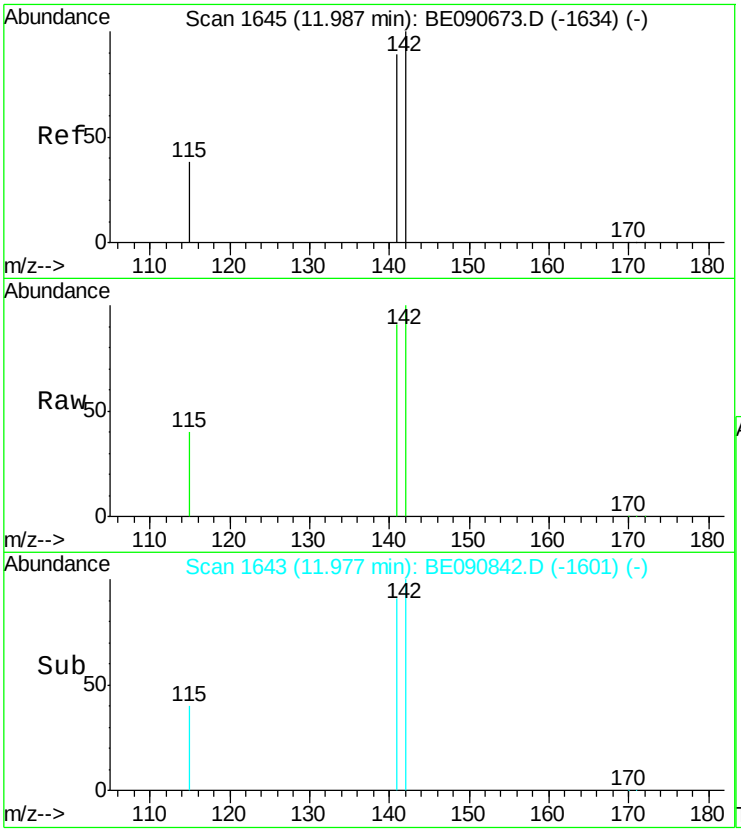


#10
Hexachlorobutadiene
Concen: 0.85 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:225 Resp: 7426

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.3	51.0	76.6



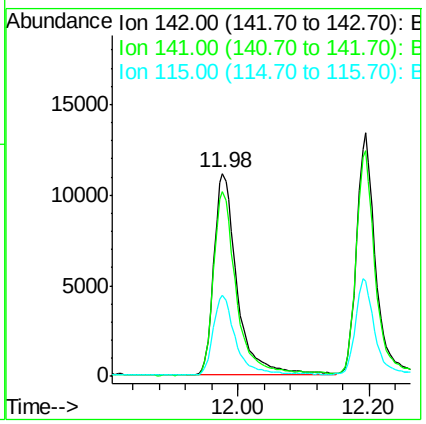


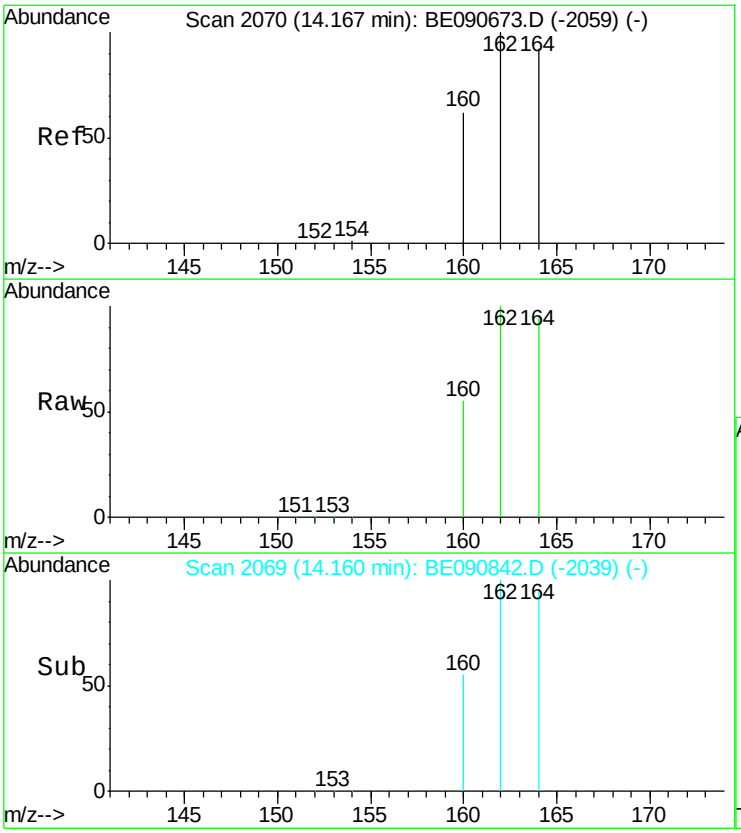
#11
2-Methylnaphthalene
Concen: 0.90 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 27375

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	39.9	31.0	46.4

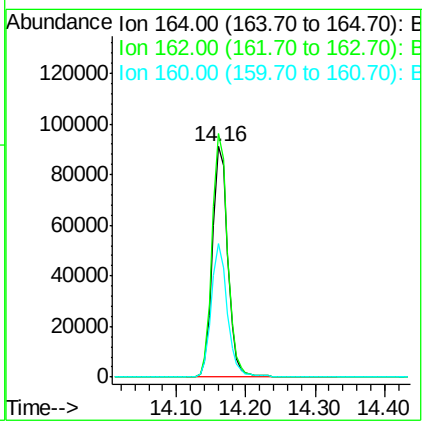


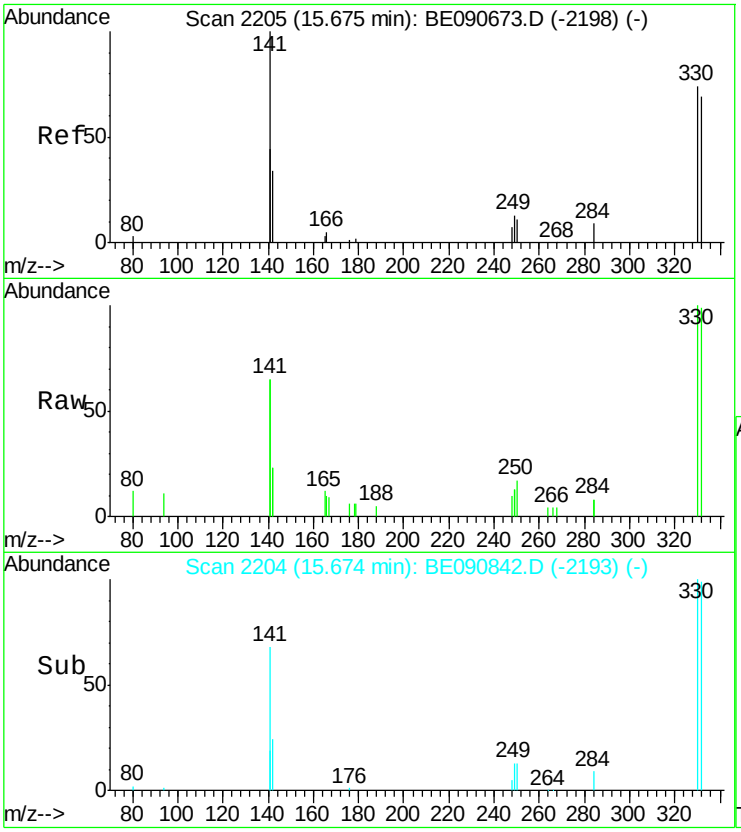


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:164 Resp: 137173

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.8	130.2
160	57.8	53.9	80.9



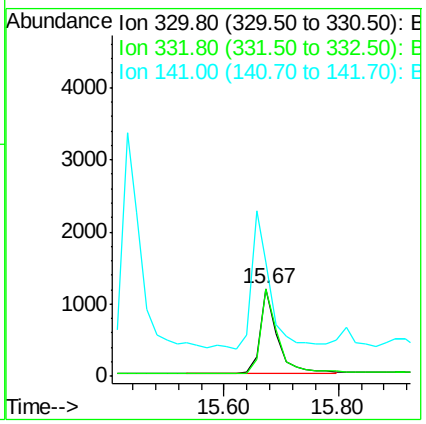


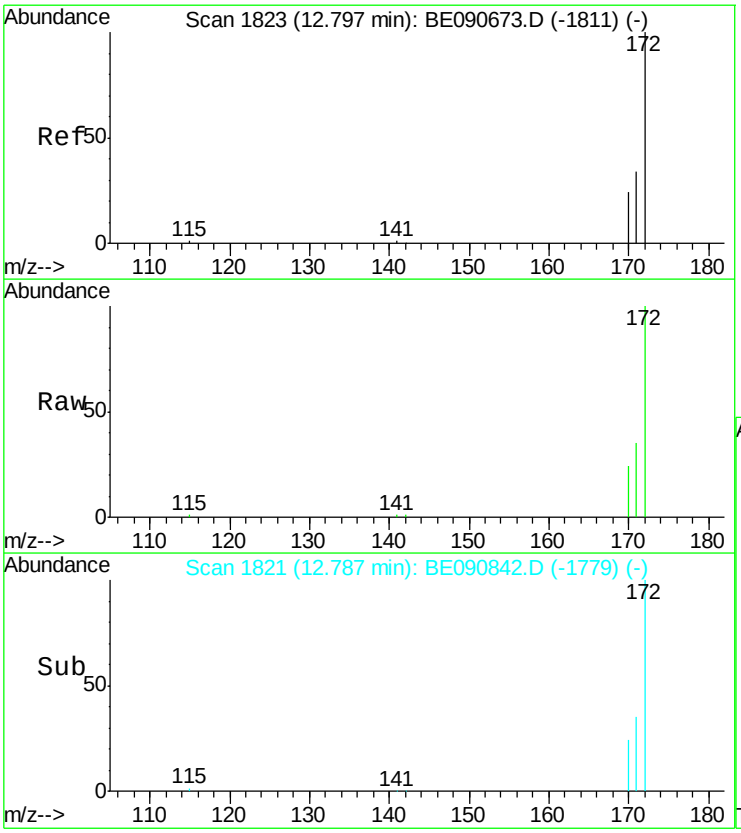
#13
2,4,6-Tribromophenol
Concen: 0.75 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 2440

Ion	Ratio	Lower	Upper
330	100		
332	98.4	74.9	112.3
141	163.5	145.2	217.8

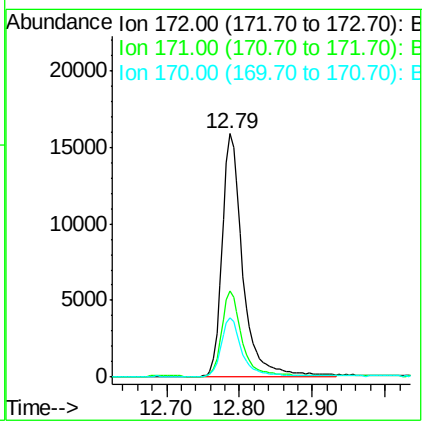


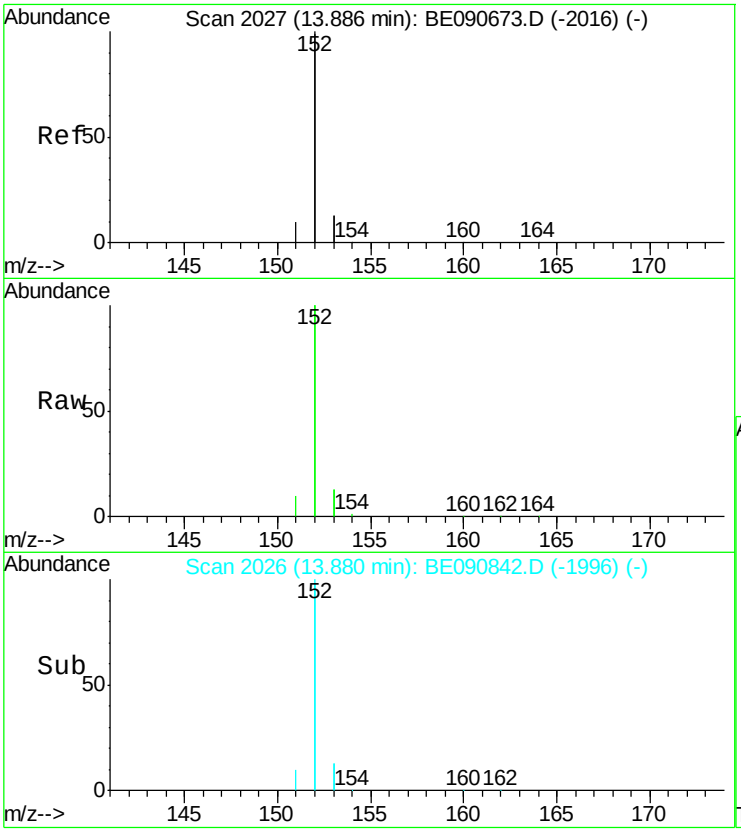


#14
2-Fluorobiphenyl
Concen: 0.82 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:172 Resp: 31039

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.4	19.8	29.6



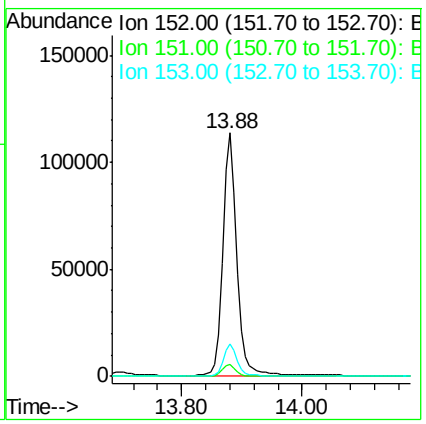


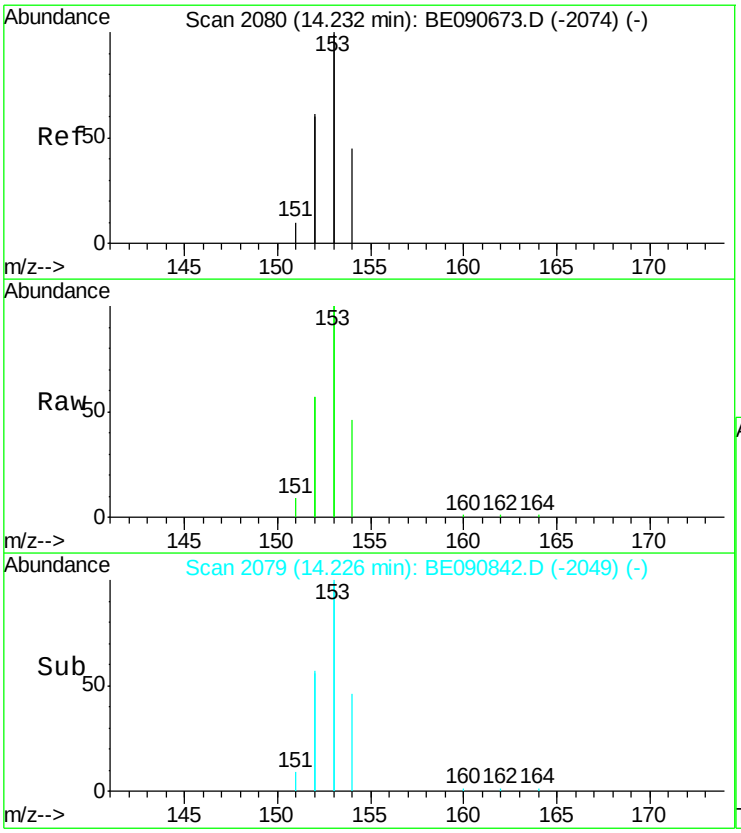
#15
Acenaphthylene
Concen: 0.84 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 185031

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.3	15.5

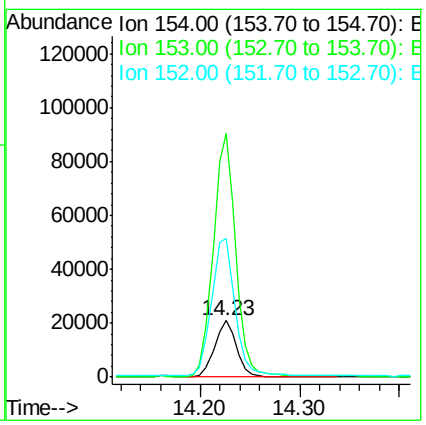


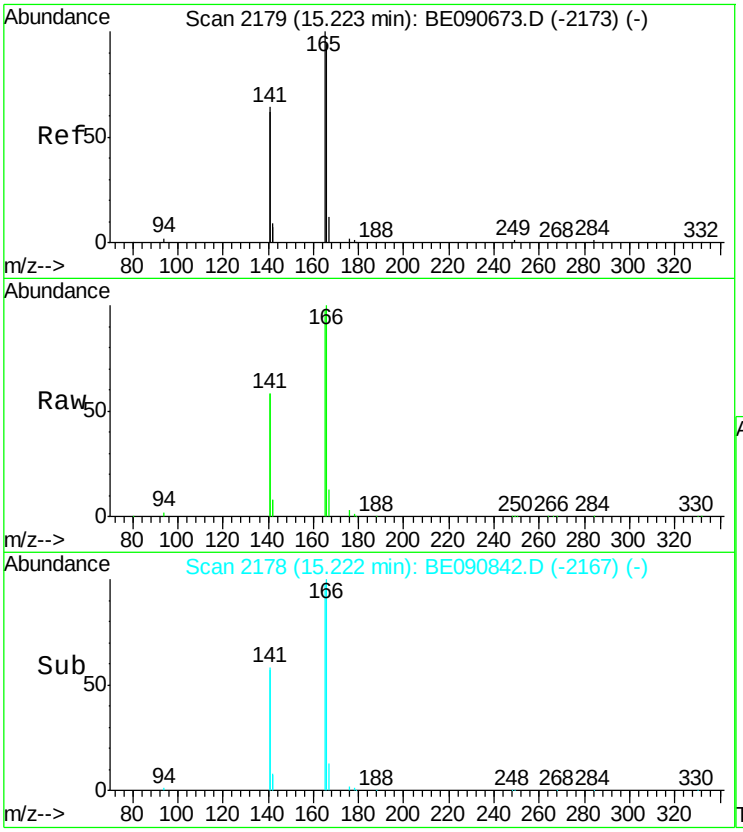


#16
Acenaphthene
Concen: 0.86 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:154 Resp: 31657

Ion	Ratio	Lower	Upper
154	100		
153	439.9	354.5	531.7
152	264.1	227.8	341.6



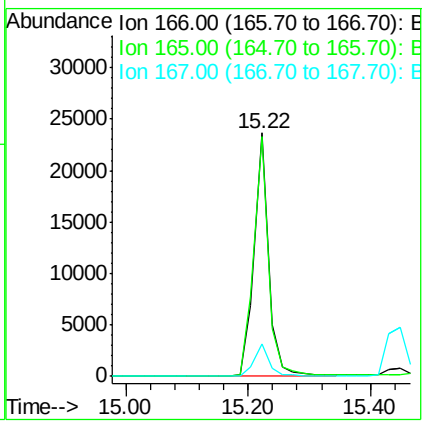


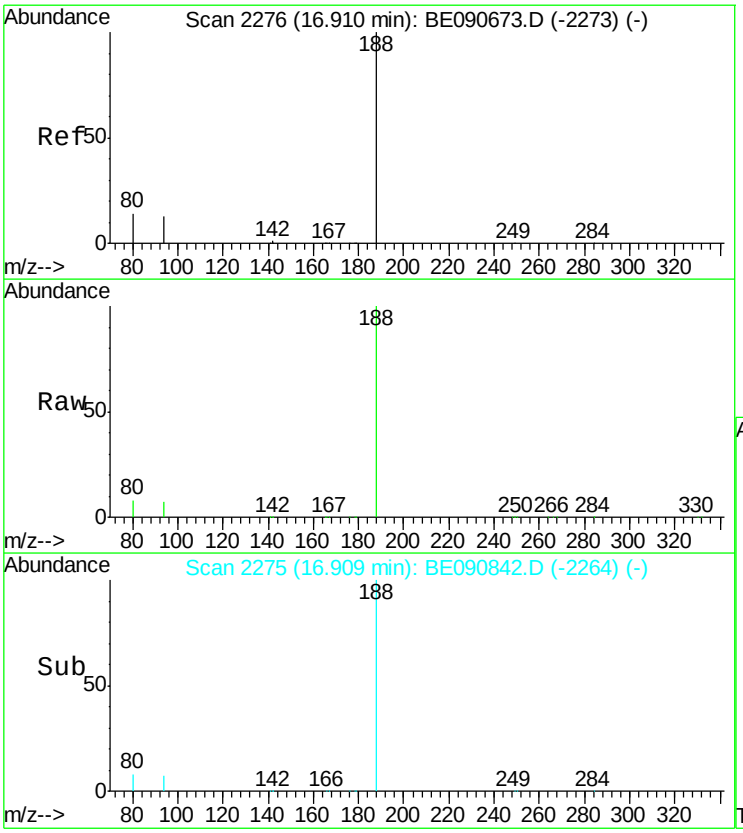
#17
Fluorene
Concen: 0.85 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 38938

Ion	Ratio	Lower	Upper
166	100		
165	100.3	82.7	124.1
167	13.3	10.7	16.1

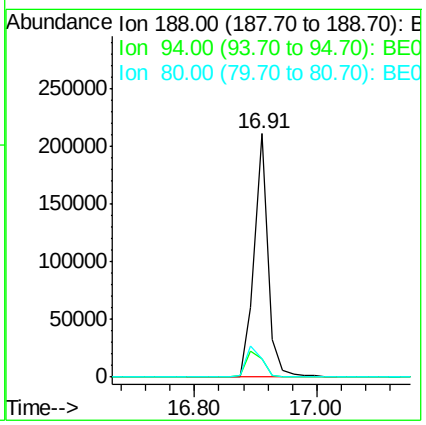


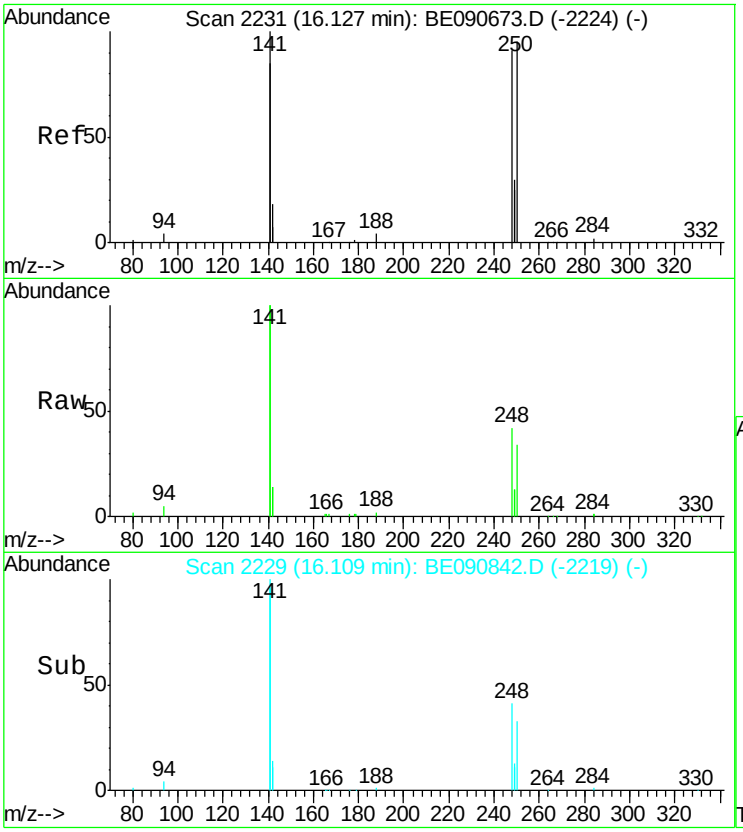


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:188 Resp: 330527

Ion	Ratio	Lower	Upper
188	100		
94	7.3	10.3	15.5#
80	7.7	11.0	16.6#



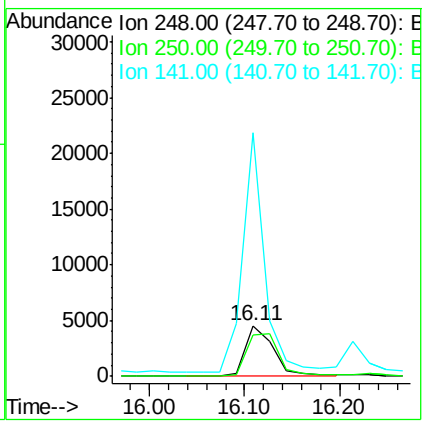


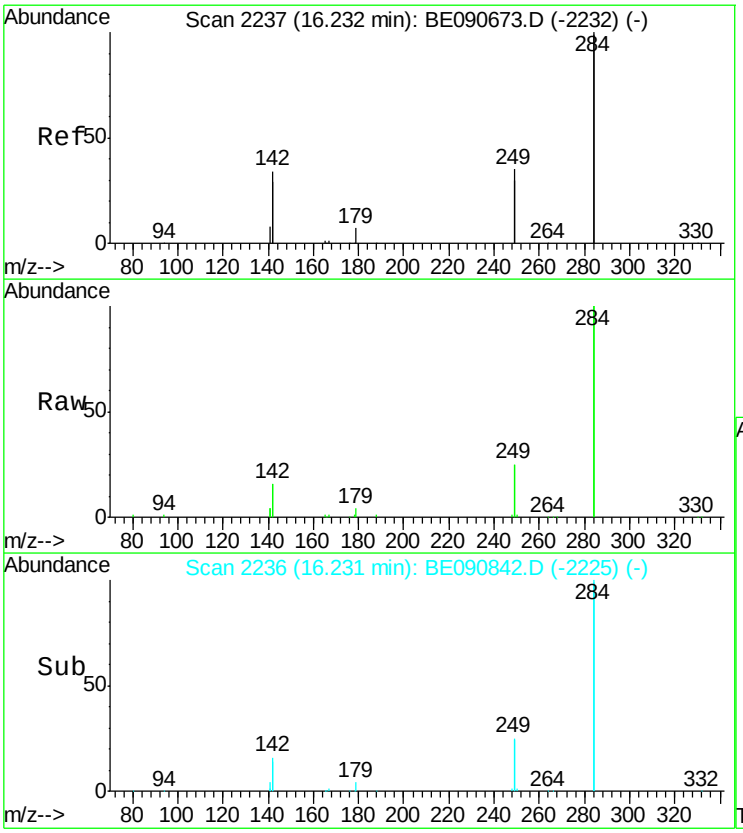
#19
4-Bromophenyl-phenylether
Concen: 0.79 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 8903

Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.7	115.1
141	374.8	292.6	439.0

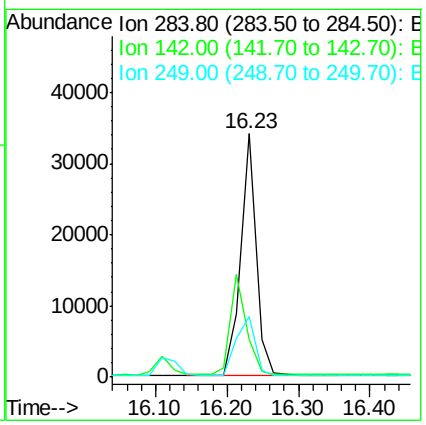


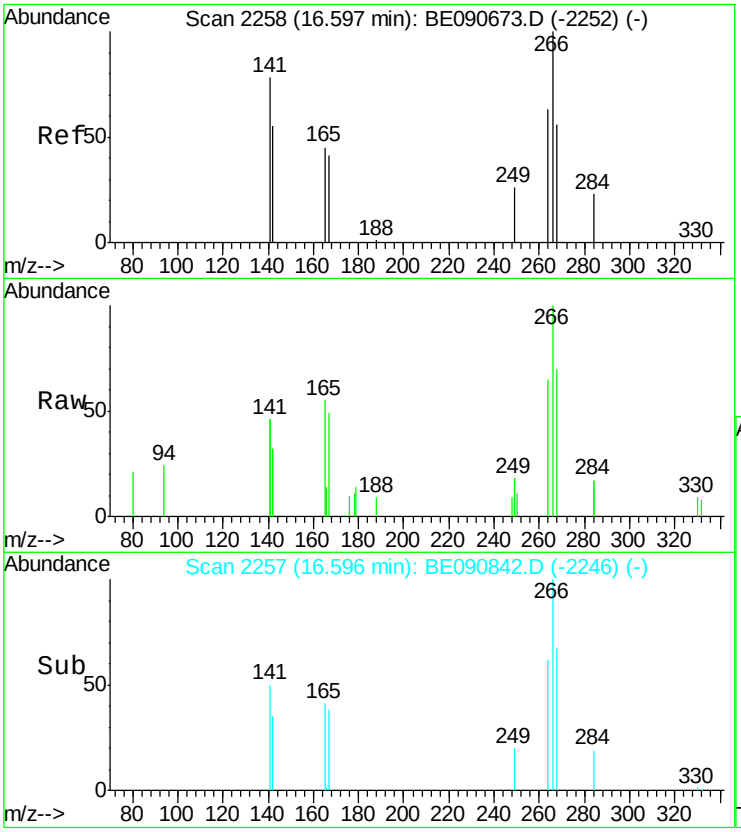


#20
Hexachlorobenzene
Concen: 0.84 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:284 Resp: 50835

Ion	Ratio	Lower	Upper
284	100		
142	42.4	35.0	52.4
249	29.8	25.5	38.3



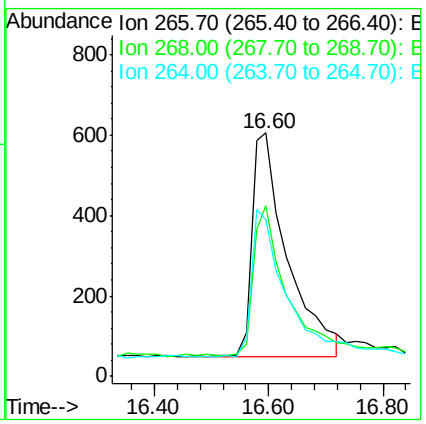


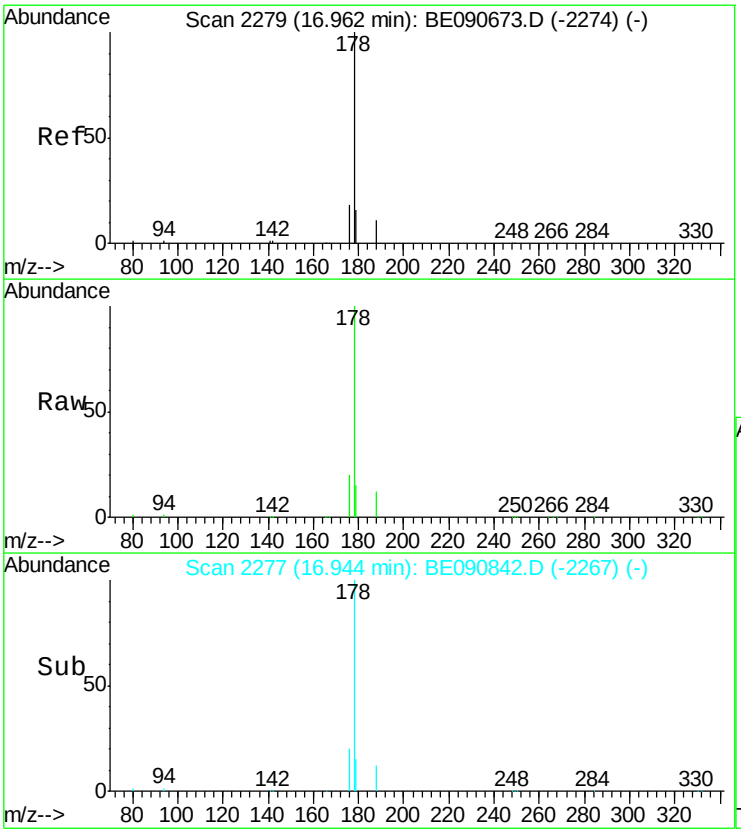
#21
Pentachlorophenol
Concen: 0.95 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 2381

Ion	Ratio	Lower	Upper
266	100		
268	70.0	49.6	74.4
264	64.5	53.9	80.9

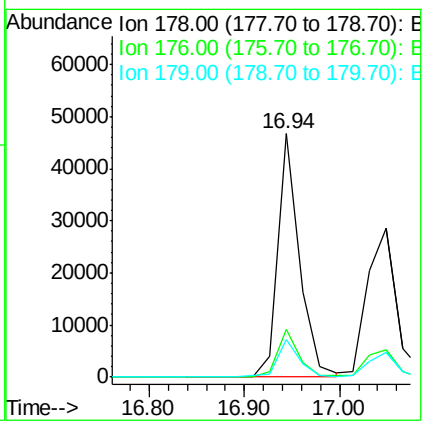


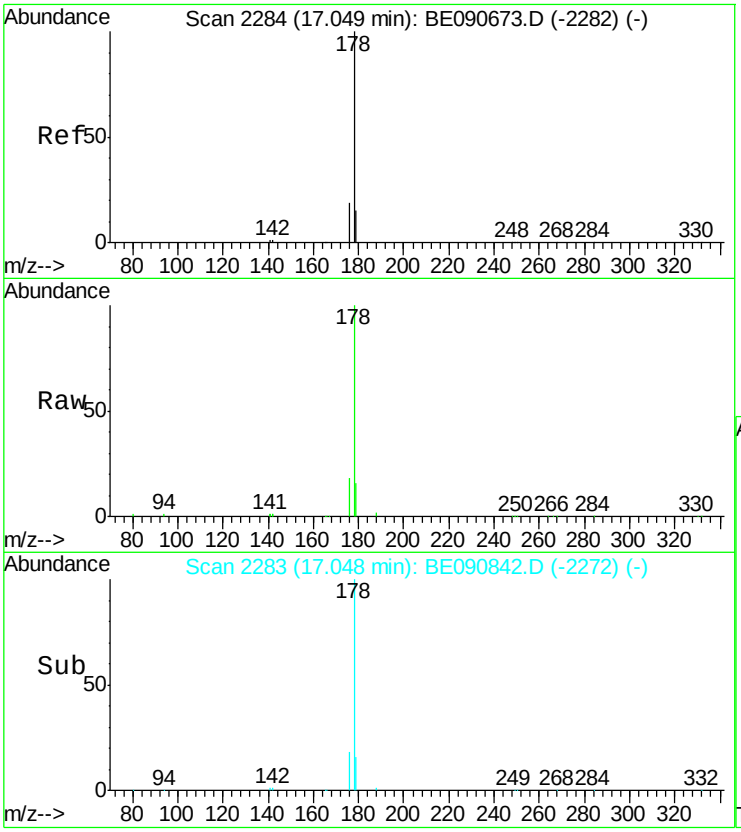


#22
Phenanthrene
Concen: 0.89 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:178 Resp: 72730

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.8	19.2



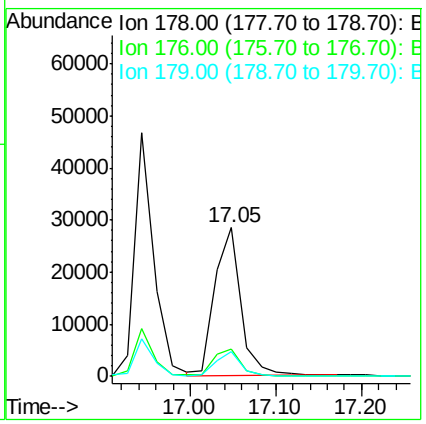


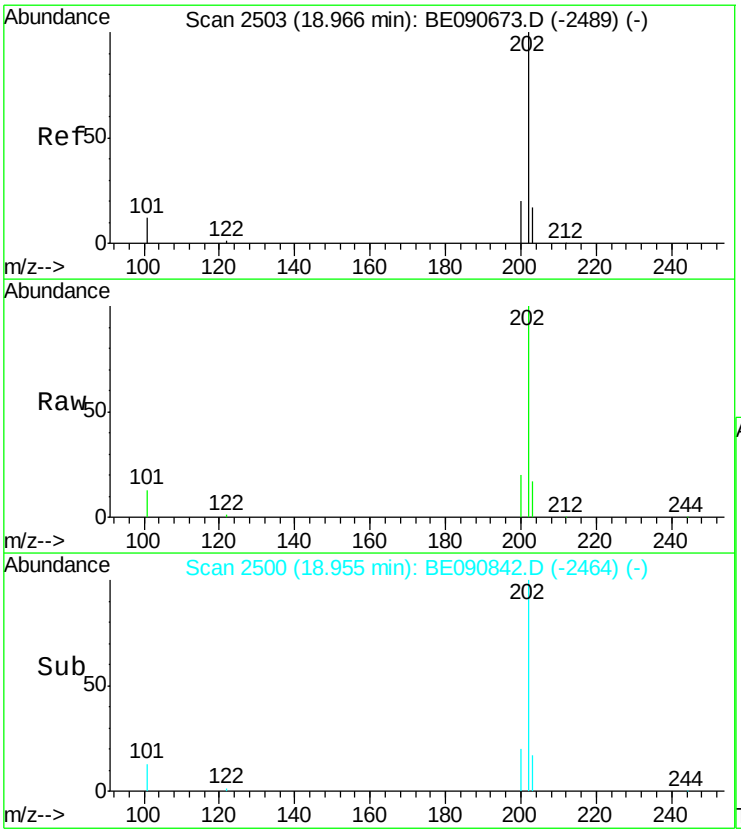
#23
Anthracene
Concen: 0.88 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 60251

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.1	12.3	18.5

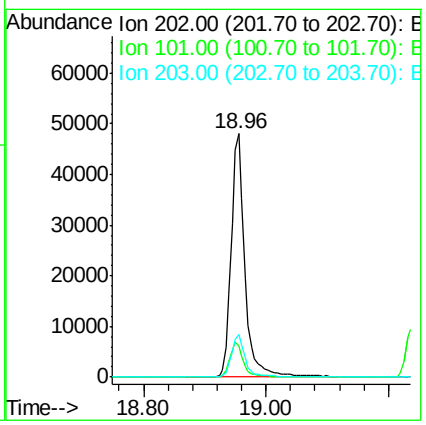


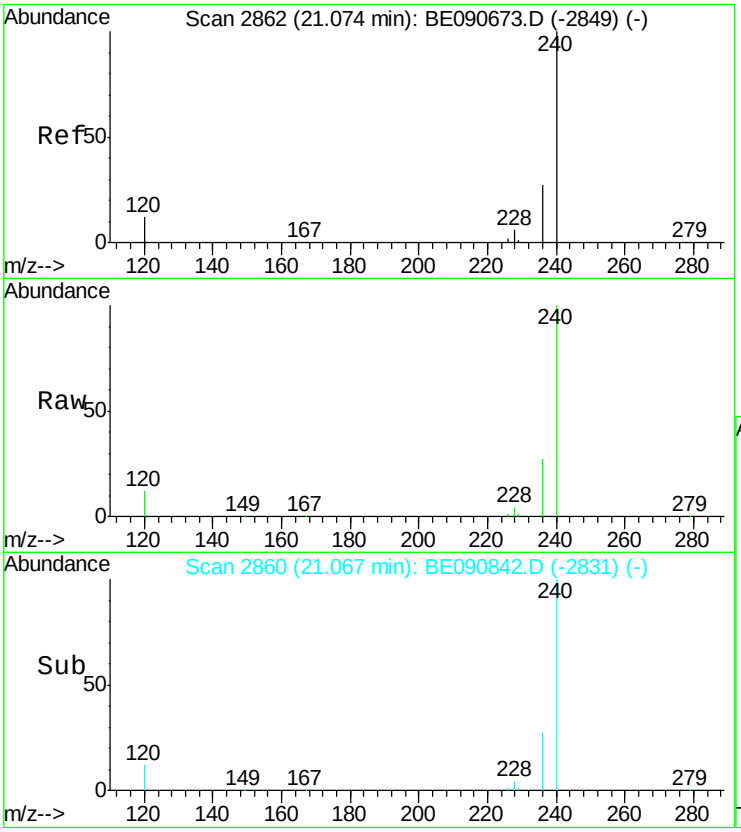


#24
Fluoranthene
Concen: 0.87 ng
RT: 18.96 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:202 Resp: 75006

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.6
203	17.2	13.9	20.9



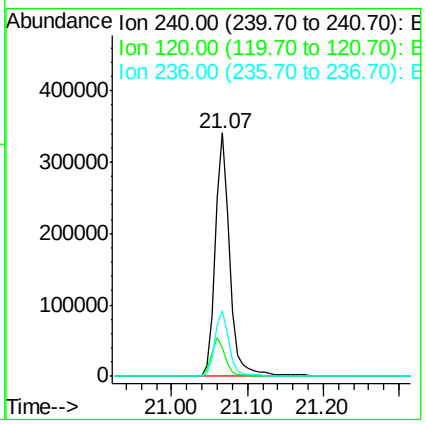


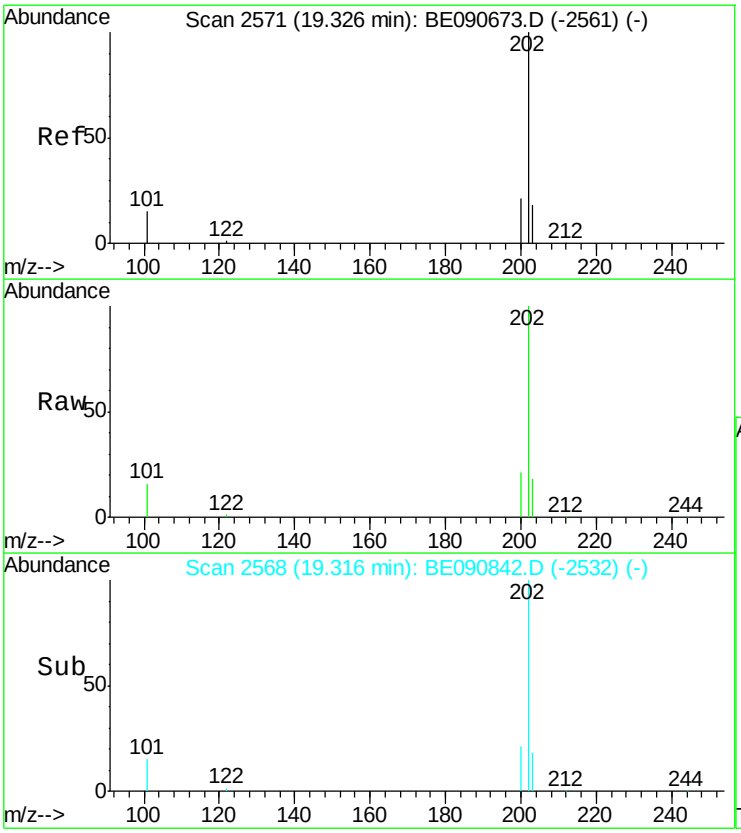
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 453961

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.1	15.1
236	27.0	21.9	32.9

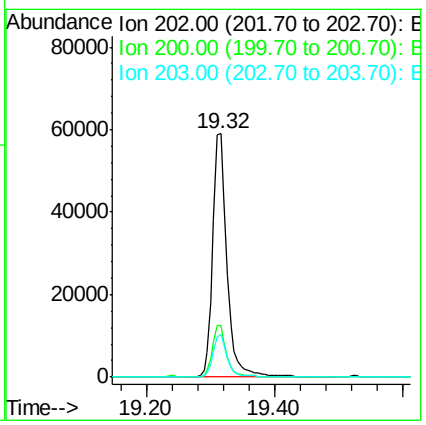


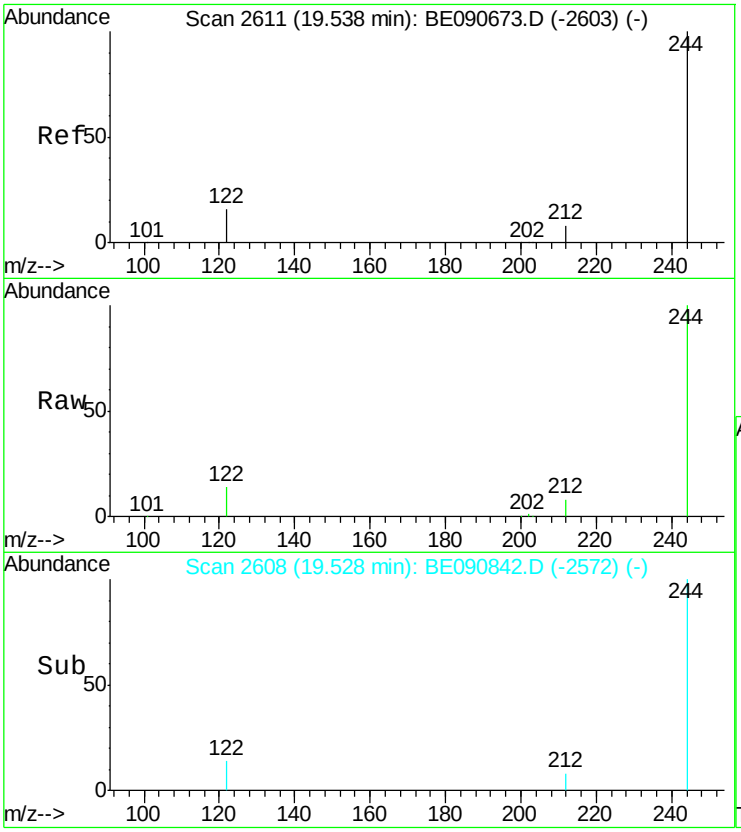


#26
Pyrene
Concen: 0.97 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:202 Resp: 90725

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.2	13.8	20.6



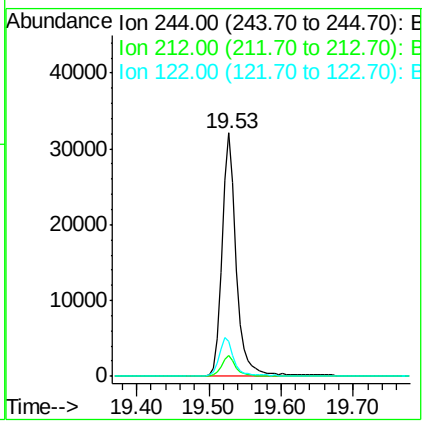


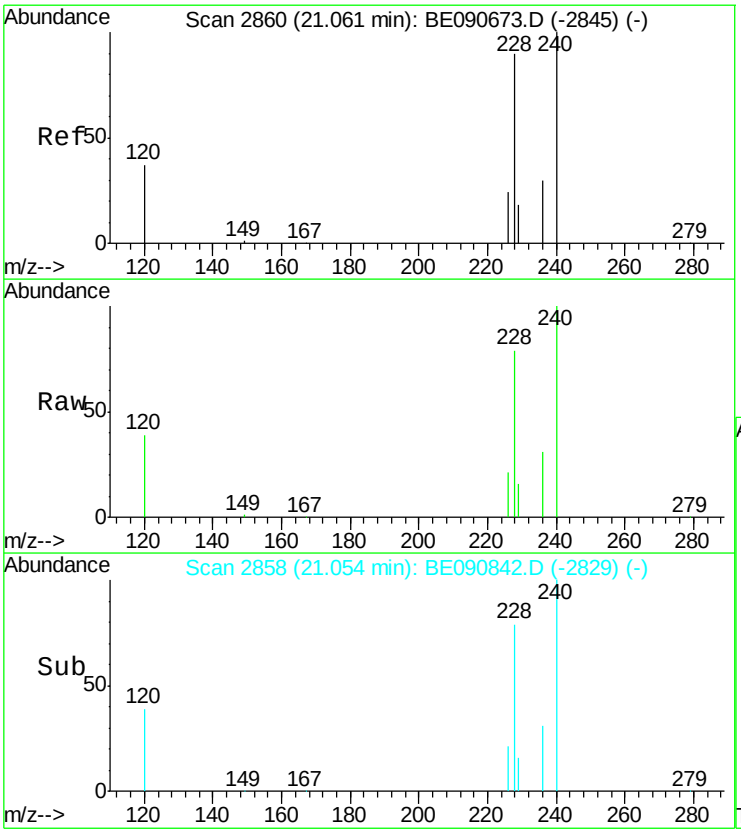
#27
Terphenyl-d14
Concen: 0.86 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 43429

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	14.4	12.9	19.3

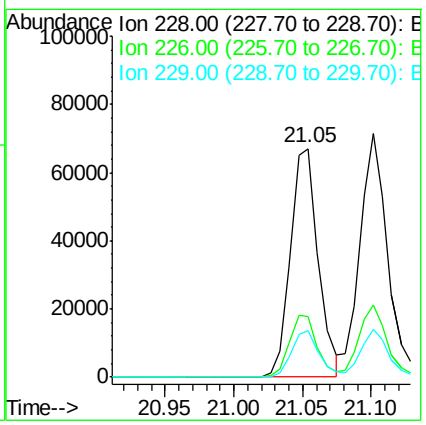


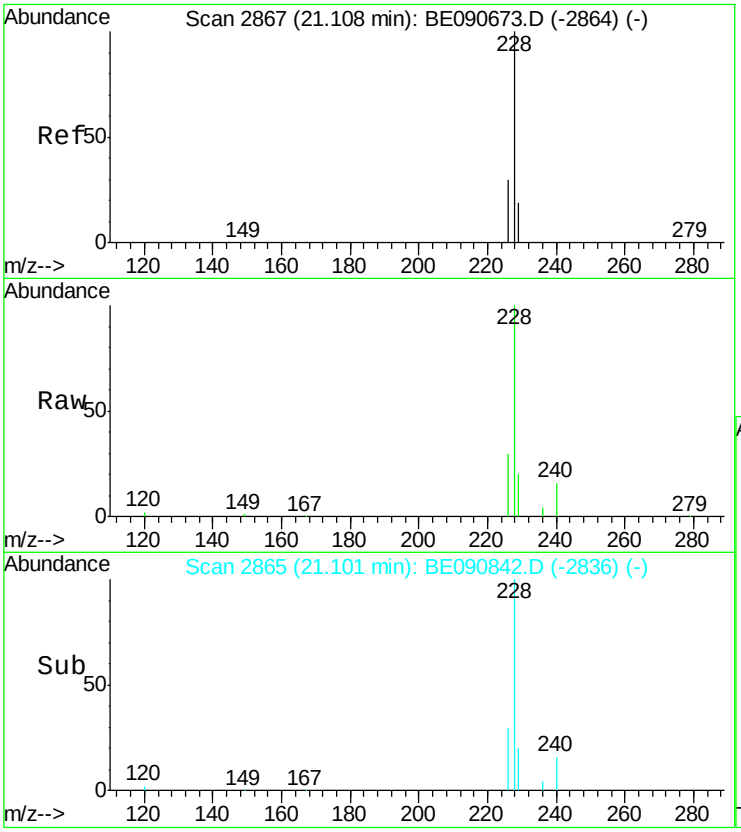


#28
Benzo(a)anthracene
Concen: 0.93 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:228 Resp: 93483

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.6	32.4
229	20.2	15.9	23.9



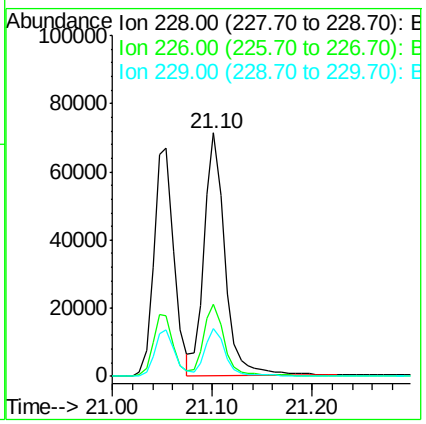


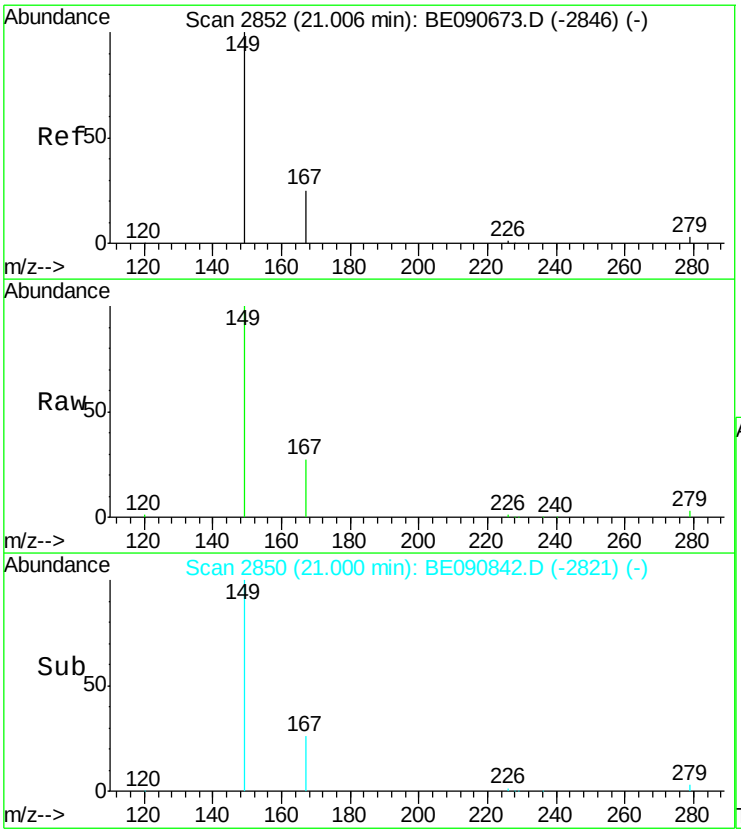
#29
Chrysene
Concen: 0.92 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 102696

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	19.6	15.3	22.9

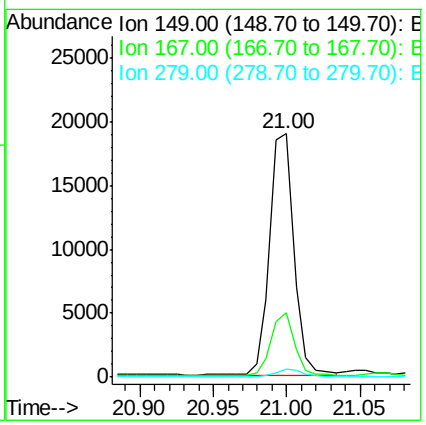


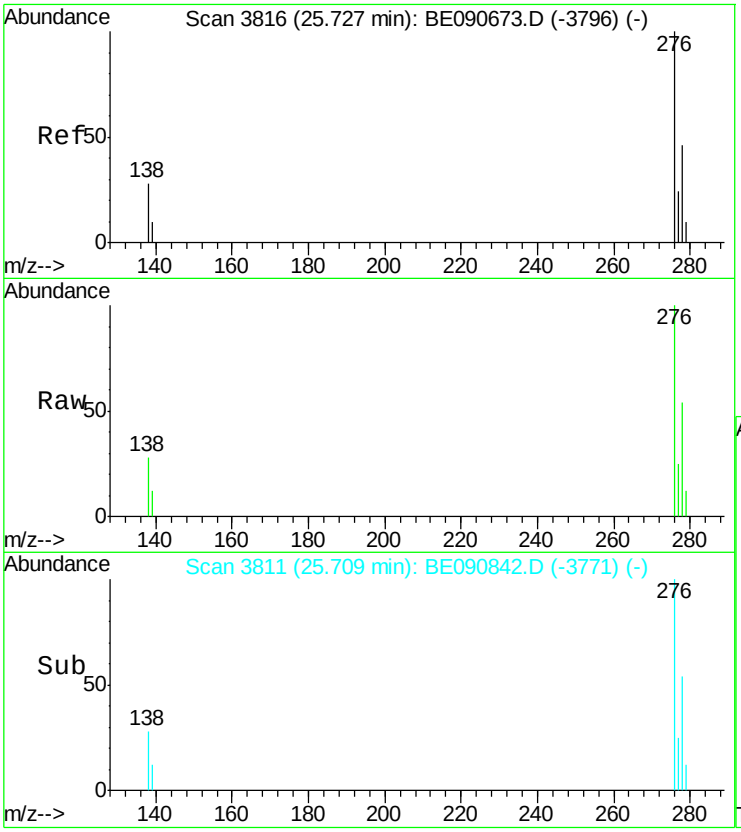


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.85 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:149 Resp: 21608

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.1	30.1
279	3.0	2.3	3.5



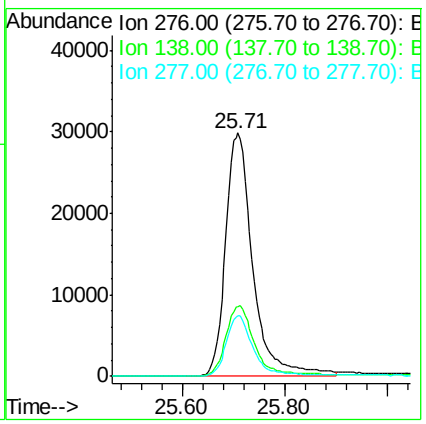


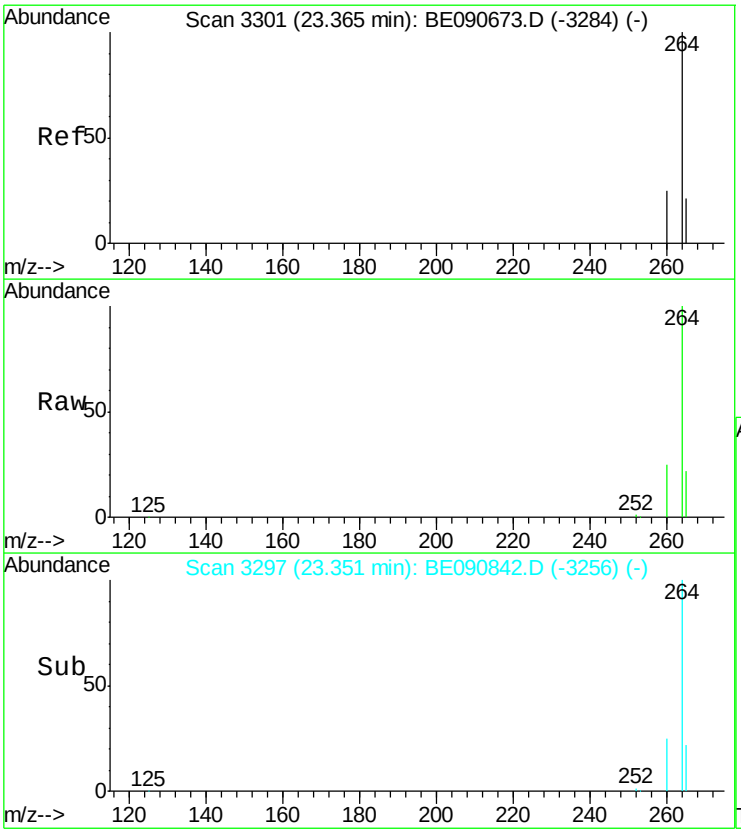
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng
RT: 25.71 min Scan# 3811
Delta R.T. -0.02 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 110214

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.3	34.9
277	24.7	19.8	29.6

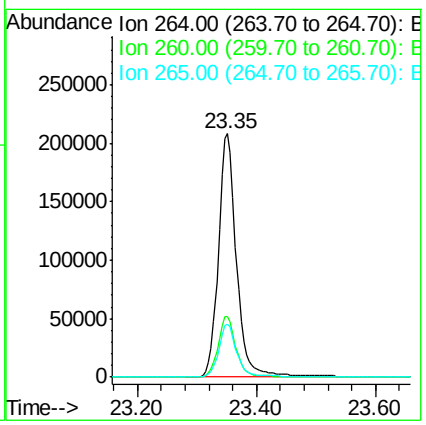


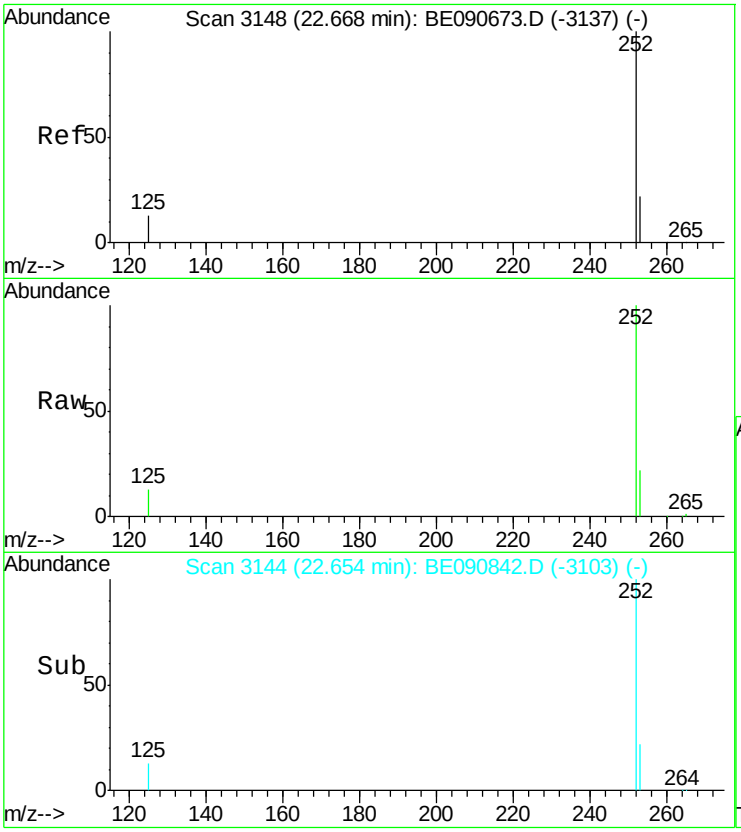


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:264 Resp: 439655

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.7	17.5	26.3



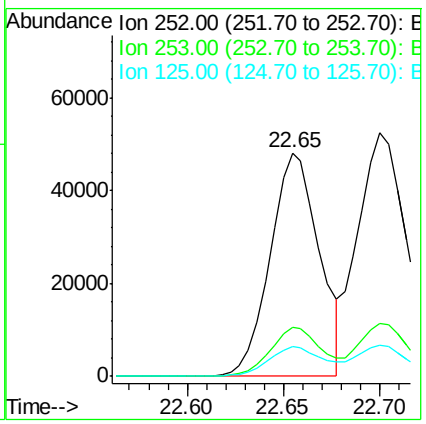


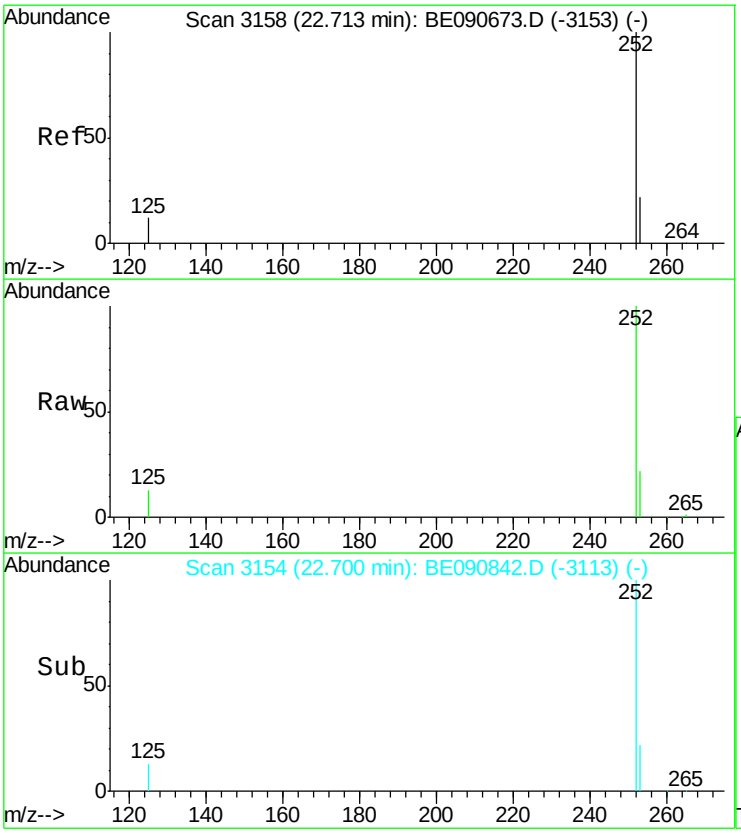
#33
Benzo(b)fluoranthene
Concen: 0.89 ng
RT: 22.65 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 84922

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.4	10.6	16.0

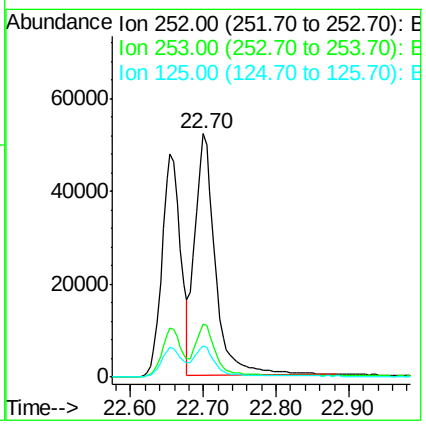


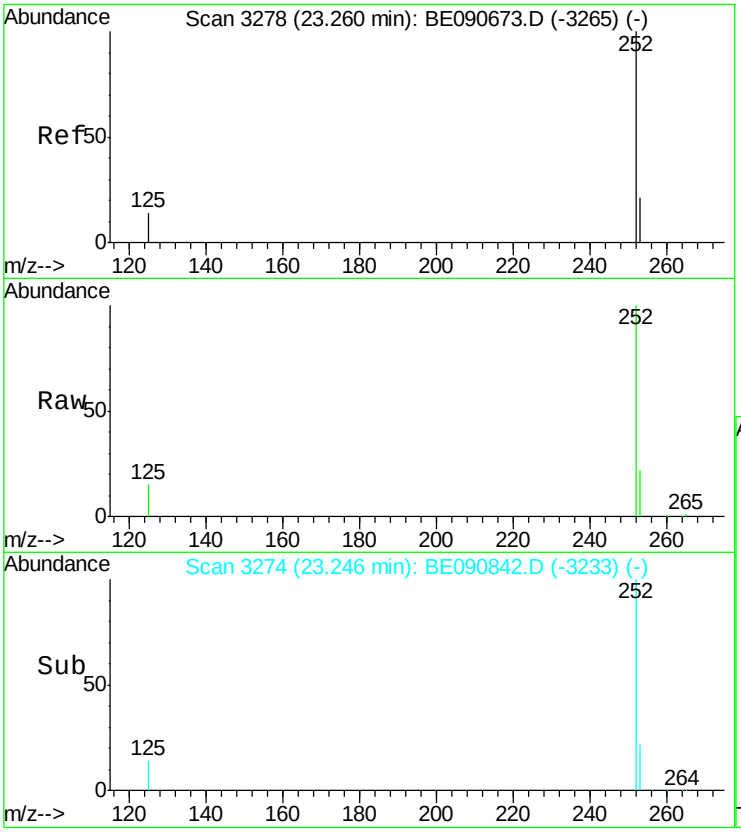


#34
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:252 Resp: 102445

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	13.0	10.1	15.1



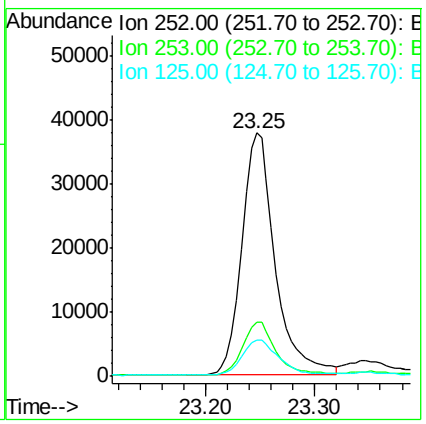


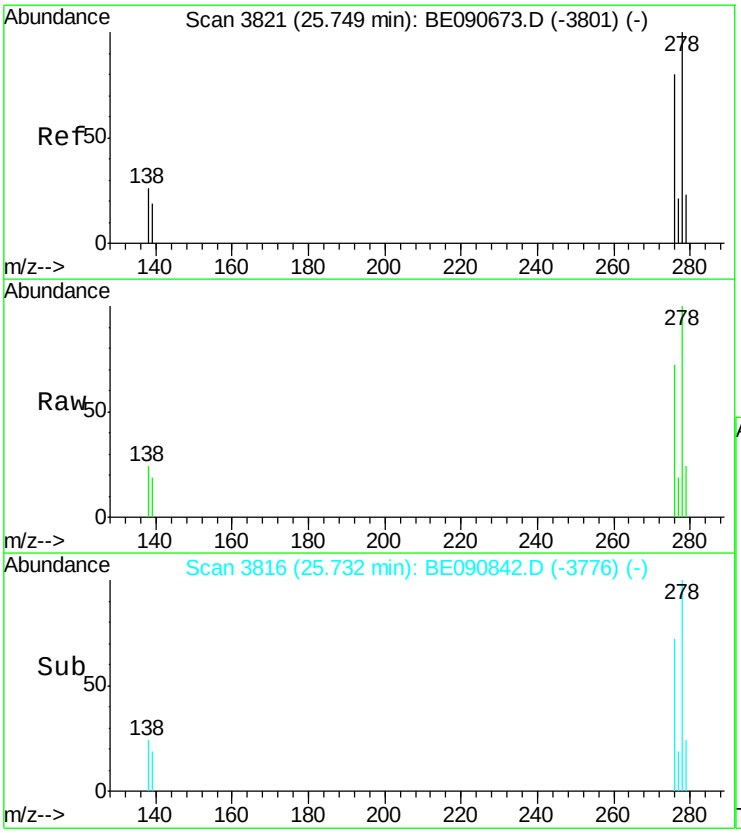
#35
Benzo(a)pyrene
Concen: 0.94 ng
RT: 23.25 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 80109

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.7	11.6	17.4

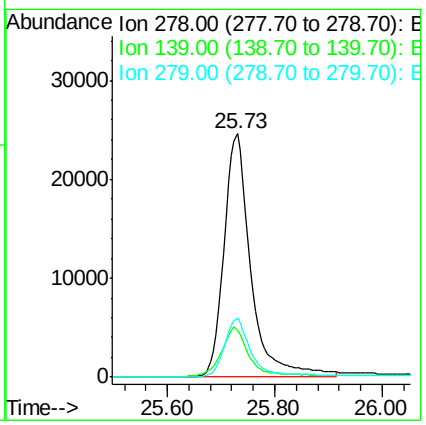


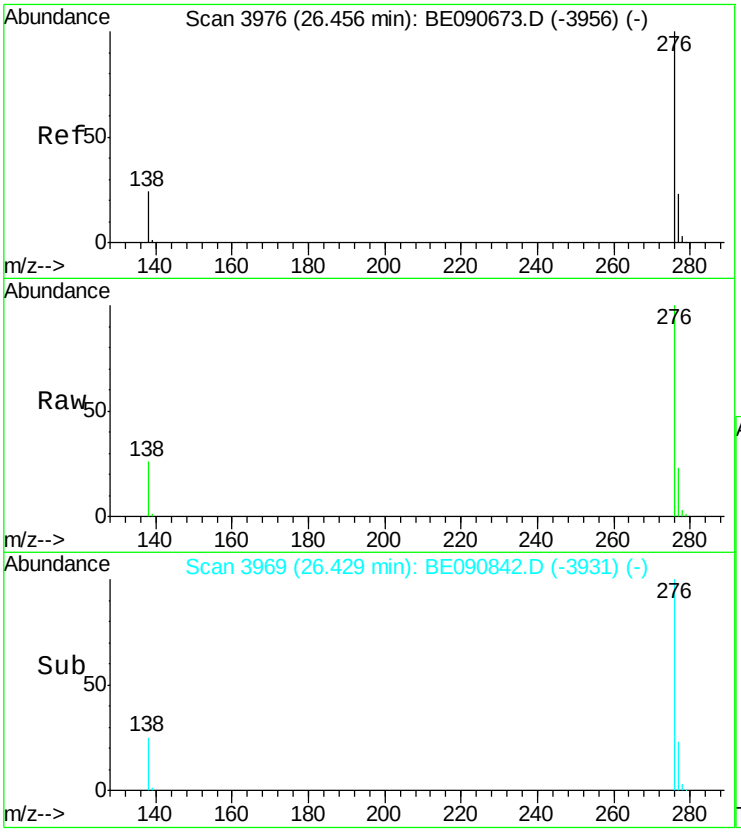


#36
Dibenzo(a,h)anthracene
Concen: 0.94 ng
RT: 25.73 min Scan# 3816
Delta R.T. -0.02 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Tgt Ion:278 Resp: 85381

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.0
279	24.3	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 0.86 ng
RT: 26.43 min Scan# 3969
Delta R.T. -0.03 min
Lab File: BE090842.D
Acq: 16 Sep 2015 11:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 84306

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	25.6	20.1	30.1