Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090772.D
Acq On : 10 Sep 2015 21:45
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Sep 11 03:36:44 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	52957	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	252783	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	137768	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	333311	5.00	ng		0.00
25) Chrysene-d12	21.07	240	388410	5.00	ng		0.00
32) Perylene-d12	23.36	264	340460	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	4063	0.41	ng		0.00
5) Phenol-d6	6.76	99	12884	0.87	ng		0.00
7) Nitrobenzene-d5	8.70	82	13334	0.80	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	2687	0.81	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	31130	0.82	ng		0.00
27) Terphenyl-d14	19.54	244	37192	0.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	6708	0.82	ng		99
3) n-Nitrosodimethylamine	3.46	42	7850	0.77	ng	#	95
8) Nitrobenzene	8.74	77	14894	0.82	ng		98
9) Naphthalene	10.35	128	47134	0.85	ng		100
10) Hexachlorobutadiene	10.65	225	7179	0.83	ng		99
11) 2-Methylnaphthalene	11.98	142	26917	0.90	ng		99
15) Acenaphthylene	13.89	152	183350	0.83	ng		100
16) Acenaphthene	14.23	154	31516	0.86	ng		94
17) Fluorene	15.22	166	38839	0.85	ng		98
19) 4-Bromophenyl-phenylether	16.13	248	9479	0.83	ng		96
20) Hexachlorobenzene	16.23	284	50365	0.82	ng		99
21) Pentachlorophenol	16.60	266	2000	0.87	ng		94
22) Phenanthrene	16.94	178	70582	0.86	ng		100
23) Anthracene	17.05	178	59589	0.86	ng		99
24) Fluoranthene	18.96	202	67606	0.78	ng		100
26) Pyrene	19.32	202	71993	0.90	ng		100
28) Benzo(a)anthracene	21.05	228	74359	0.86	ng		99
29) Chrysene	21.11	228	86255	0.90	ng		98
30) Bis(2-ethylhexyl)phthalate	21.00	149	15192	0.72	ng		99
31) Indeno(1,2,3-cd)pyrene	25.72	276	77922	0.85	ng		99
33) Benzo(b)fluoranthene	22.66	252	62896	0.85	ng		99
34) Benzo(k)fluoranthene	22.71	252	74152	0.86	ng		100
35) Benzo(a)pyrene	23.26	252	55933	0.85	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	59738	0.86	ng		100
37) Benzo(g,h,i)perylene	26.45	276	61253	0.81	ng		97

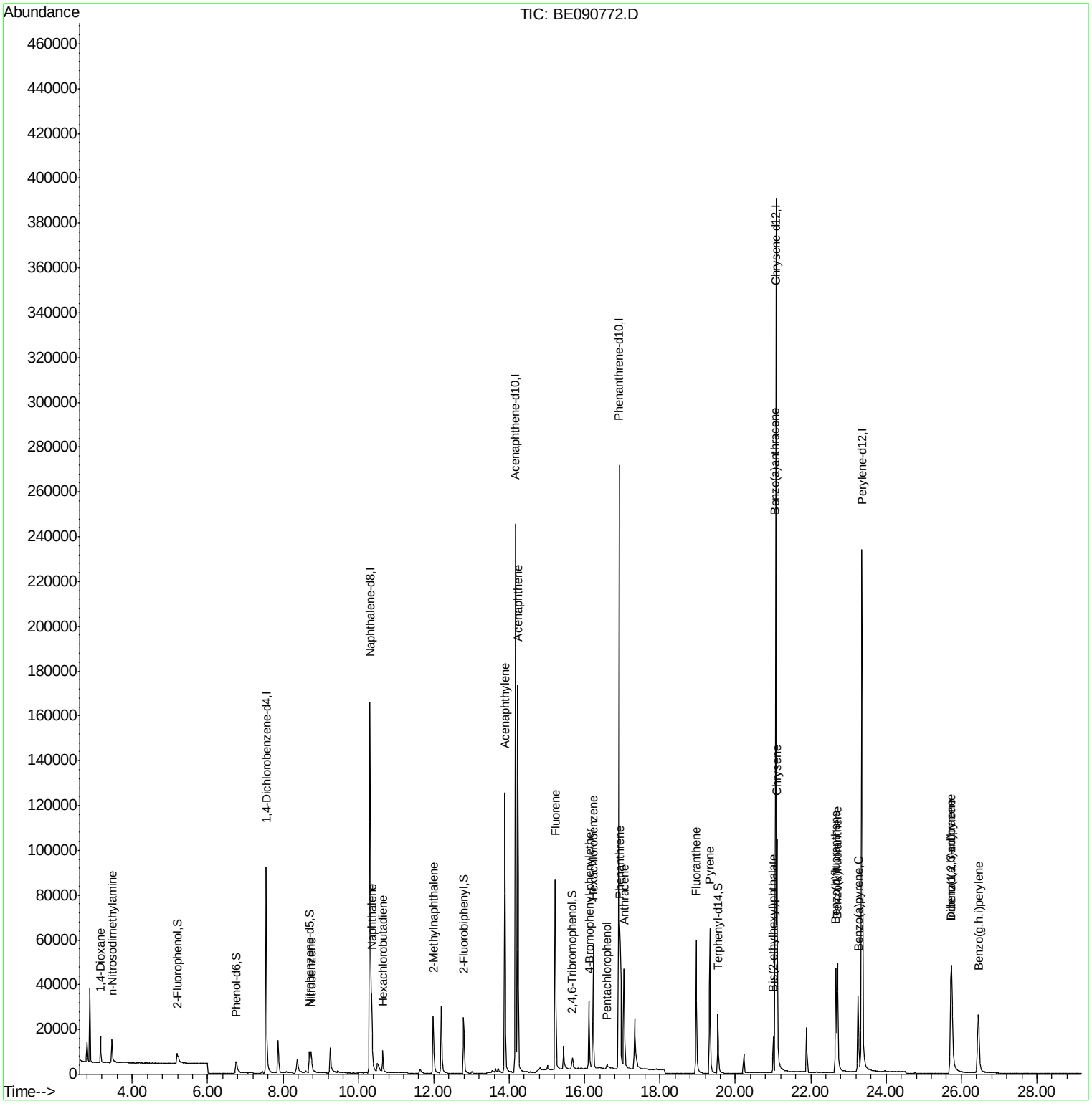
(#) = qualifier out of range (m) = manual integration (+) = signals summed

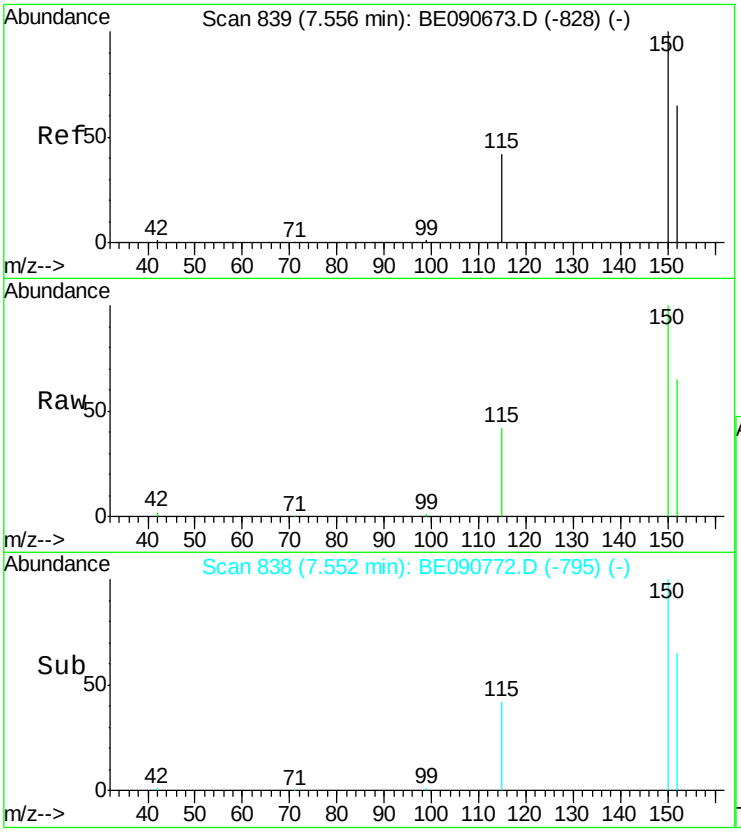
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090772.D
Acq On : 10 Sep 2015 21:45
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Sep 11 03:36:44 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



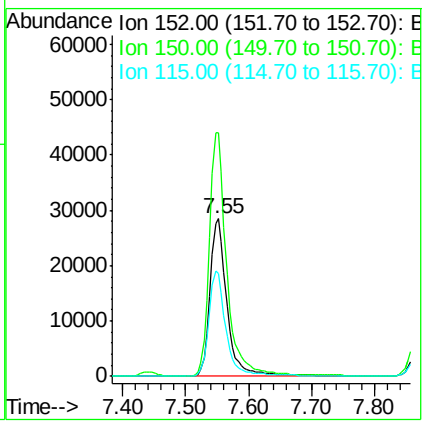


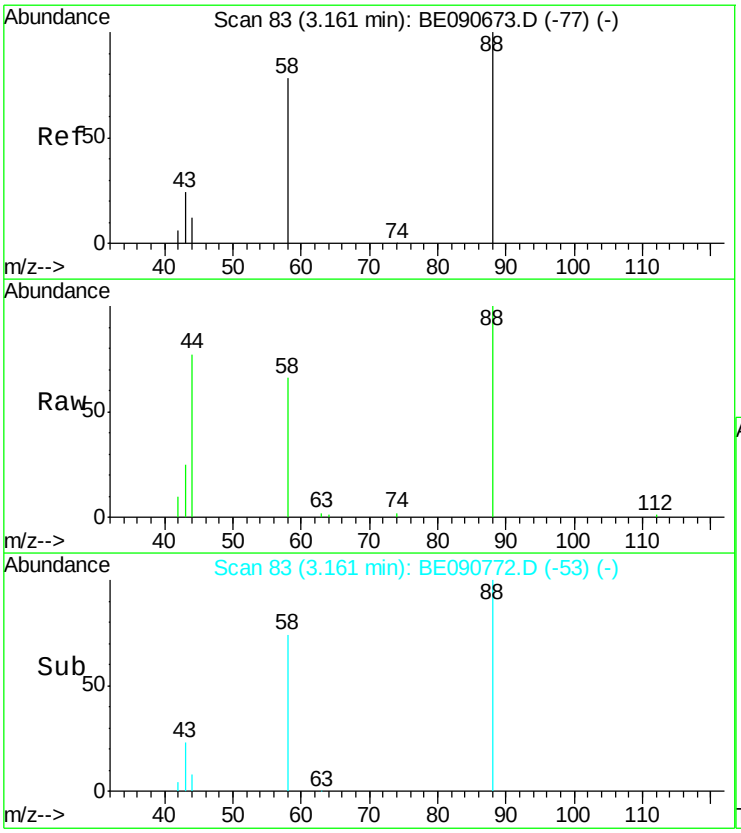
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 52957

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.2	183.4
115	65.0	51.0	76.4

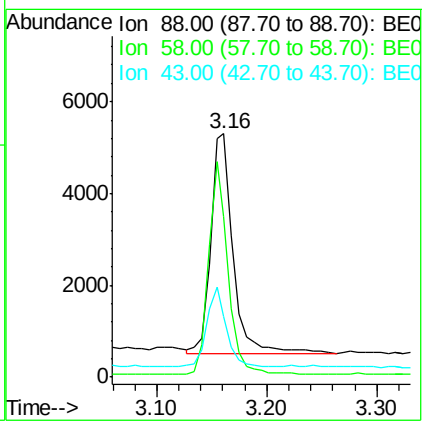


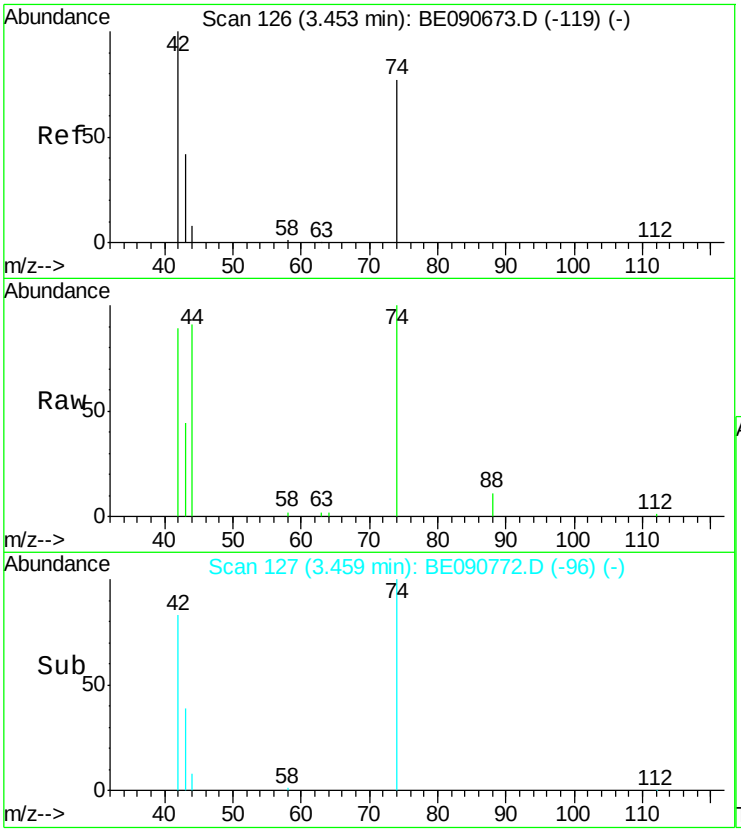


#2
1,4-Dioxane
Concen: 0.82 ng
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion: 88 Resp: 6708

Ion	Ratio	Lower	Upper
88	100		
58	85.5	68.4	102.6
43	32.1	26.9	40.3



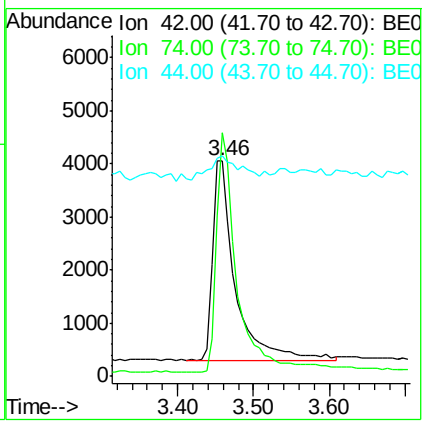


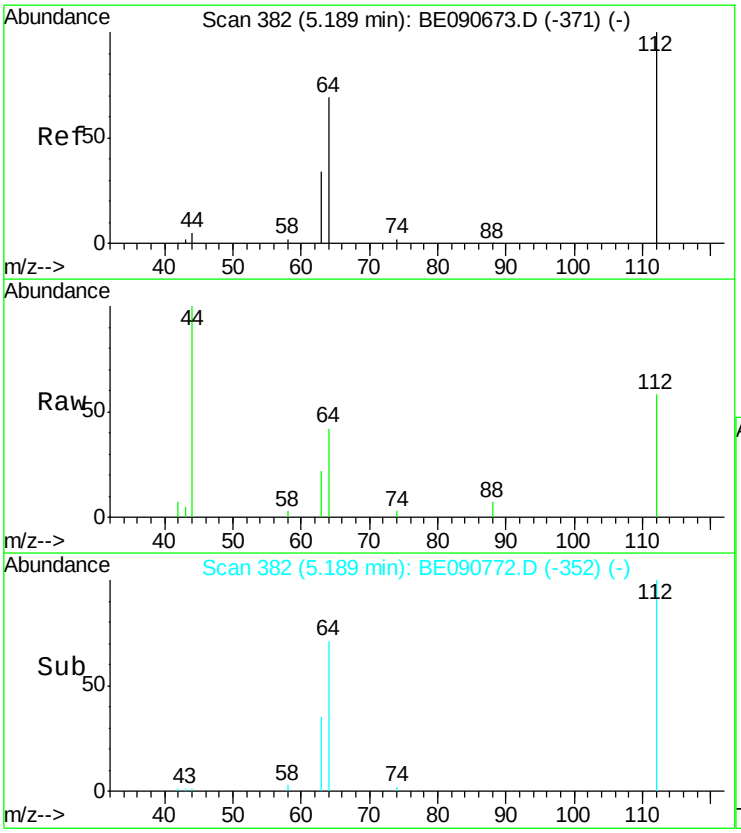
#3
n-Nitrosodimethylamine
Concen: 0.77 ng
RT: 3.46 min Scan# 127
Delta R.T. 0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 7850

Ion	Ratio	Lower	Upper
42	100		
74	109.4	83.7	125.5
44	15.3	10.0	15.0#

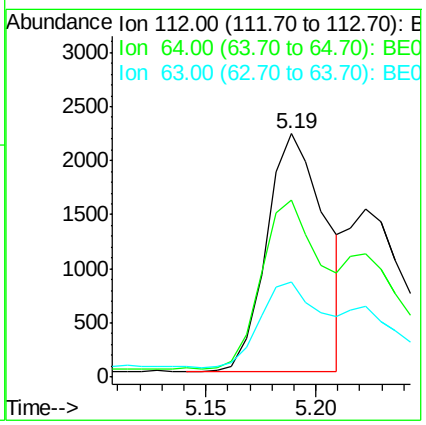


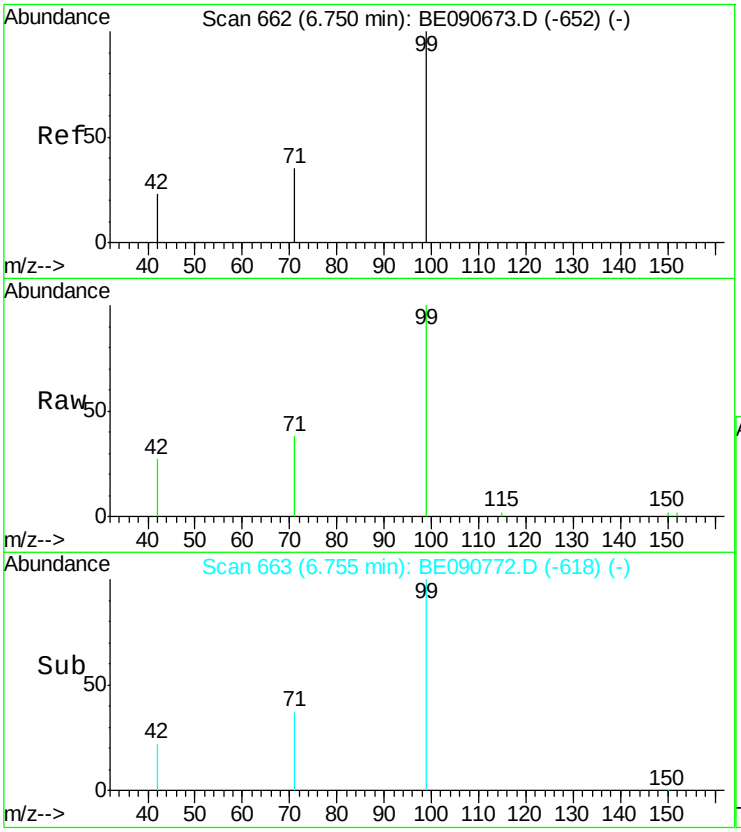


#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:112 Resp: 4063

Ion	Ratio	Lower	Upper
112	100		
64	74.5	57.3	85.9
63	38.3	29.2	43.8



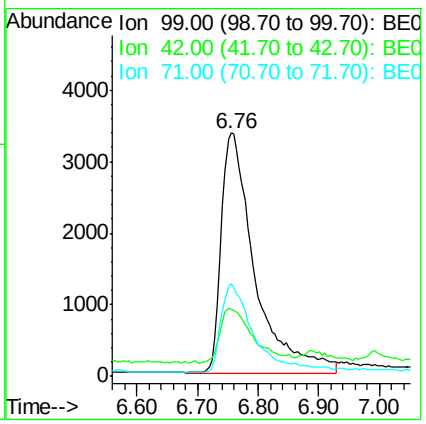


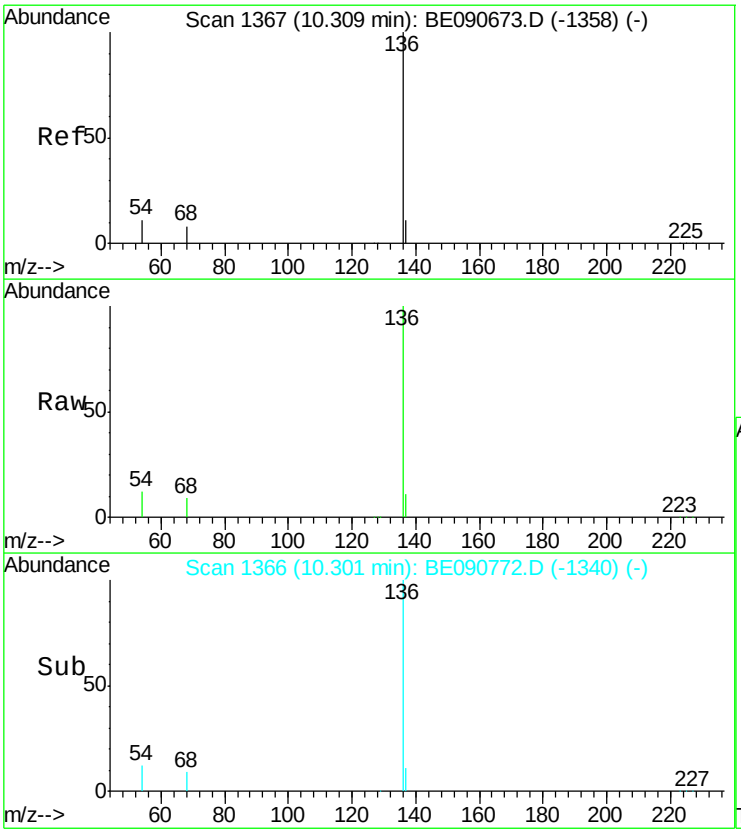
#5
Phenol-d6
Concen: 0.87 ng
RT: 6.76 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 12884

Ion	Ratio	Lower	Upper
99	100		
42	22.8	16.8	25.2
71	35.5	28.3	42.5

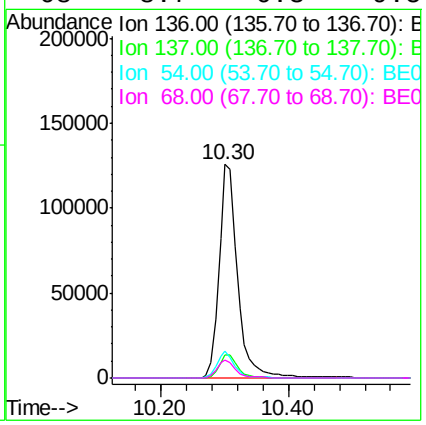


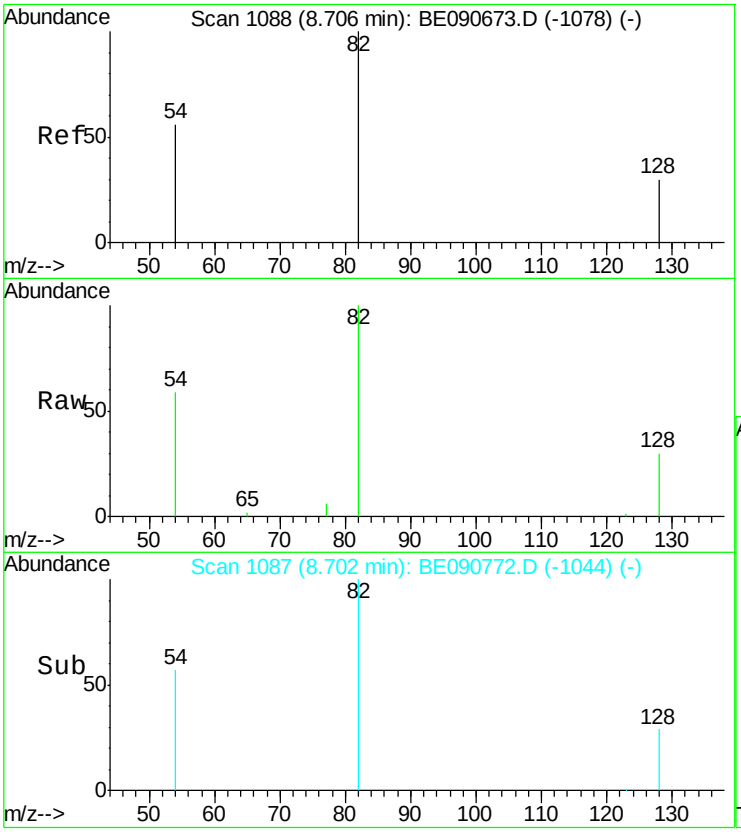


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:136 Resp: 252783

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.4	9.0	13.6
68	8.7	6.3	9.5



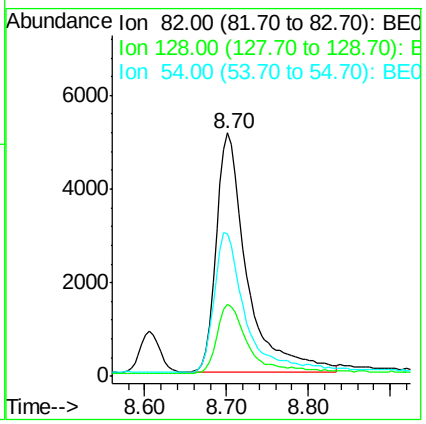


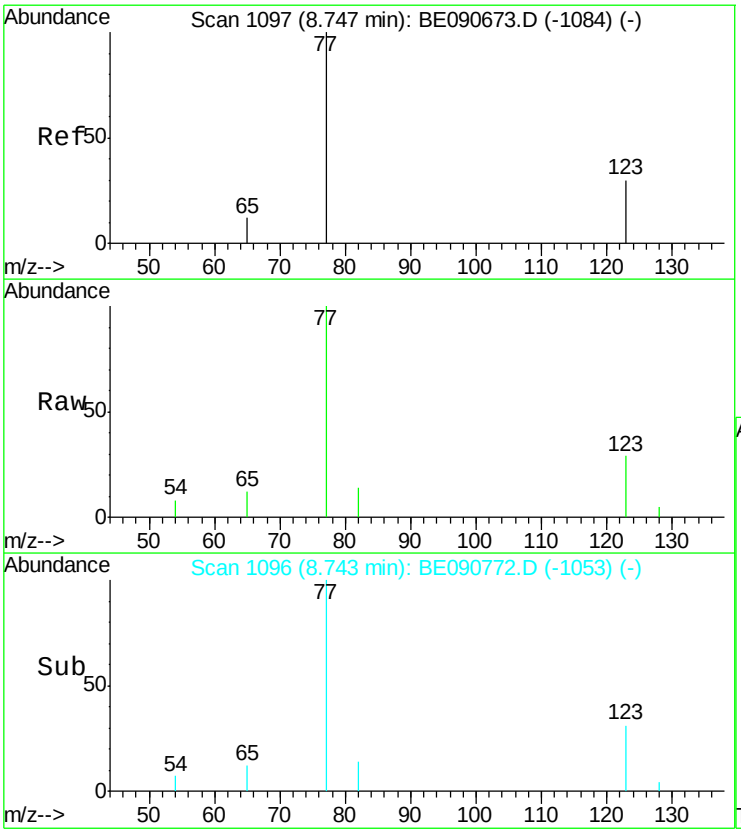
#7
Nitrobenzene-d5
Concen: 0.80 ng
RT: 8.70 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 13334

Ion	Ratio	Lower	Upper
82	100		
128	29.8	25.0	37.4
54	58.7	46.3	69.5

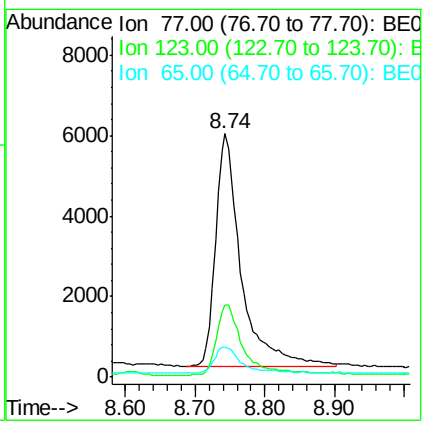


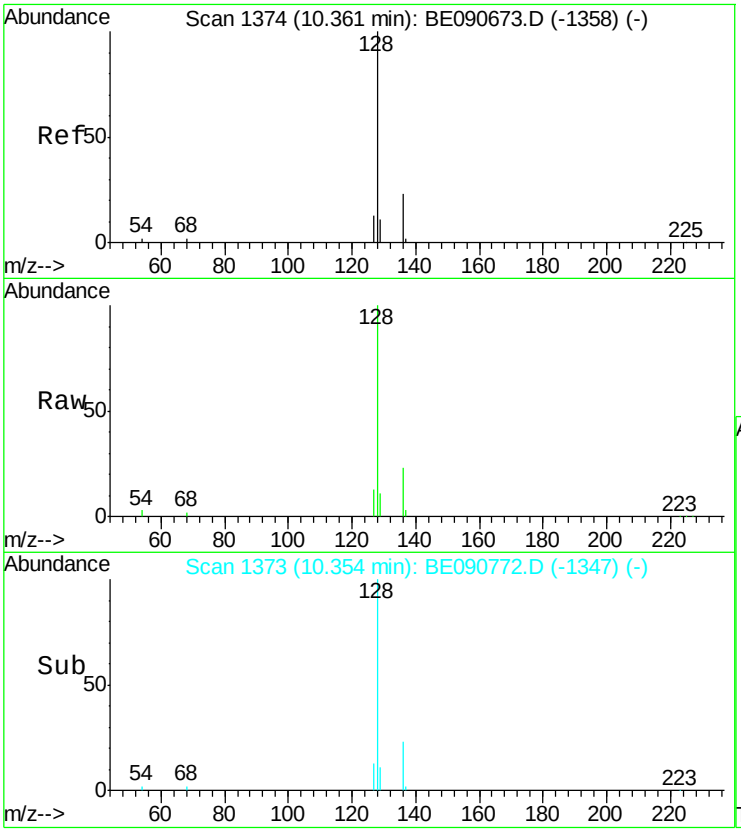


#8
Nitrobenzene
Concen: 0.82 ng
RT: 8.74 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion: 77 Resp: 14894

Ion	Ratio	Lower	Upper
77	100		
123	32.2	25.1	37.7
65	11.4	9.9	14.9



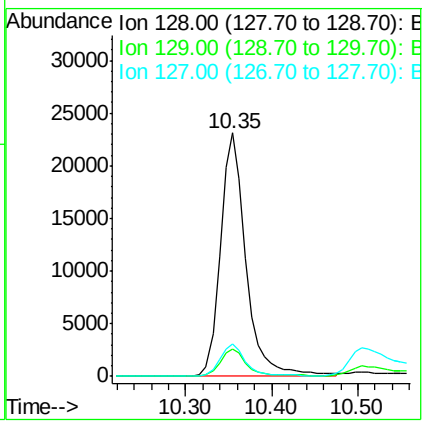


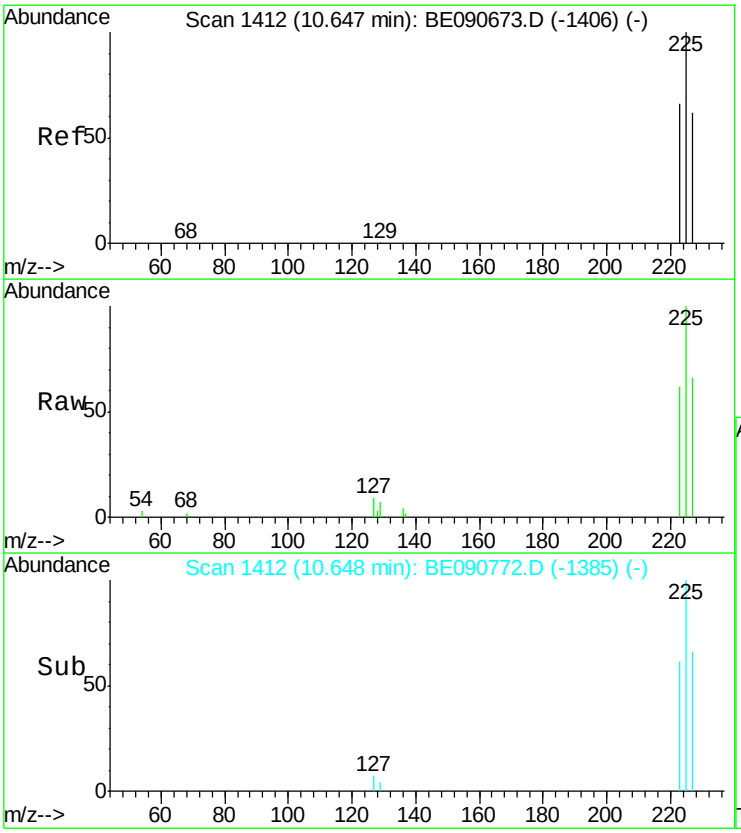
#9
Naphthalene
Concen: 0.85 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 47134

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.2	10.6	15.8

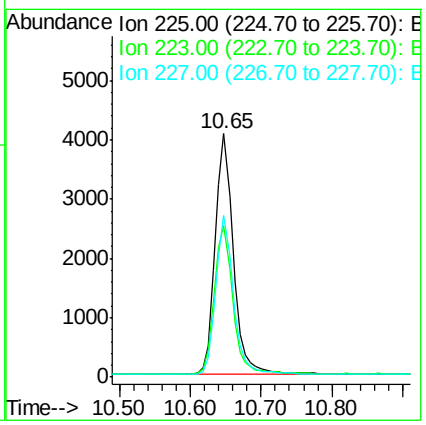


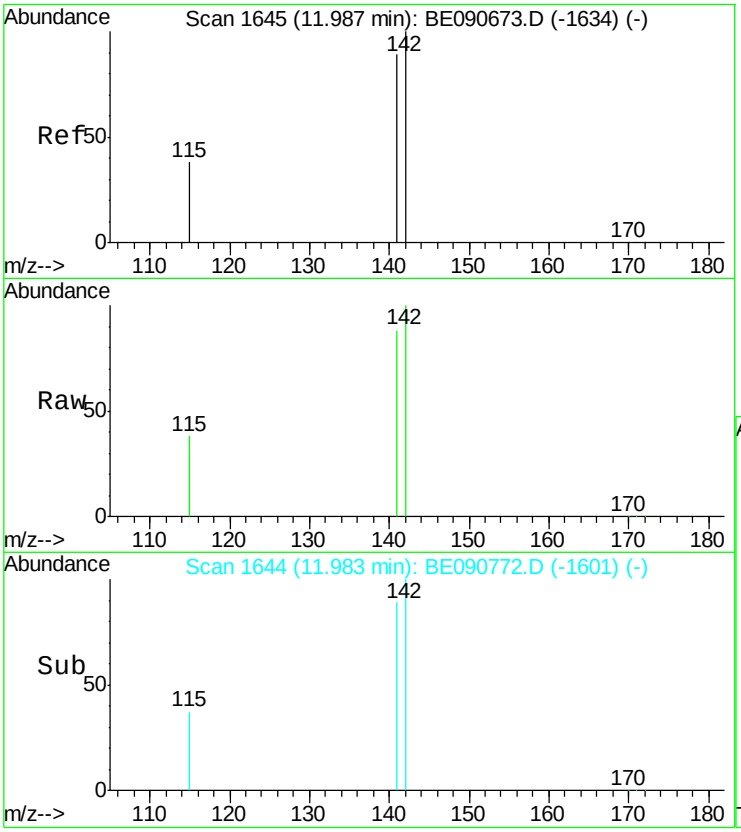


#10
Hexachlorobutadiene
Concen: 0.83 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:225 Resp: 7179

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.0	51.0	76.6



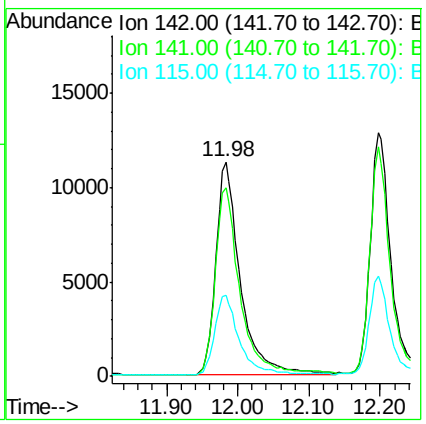


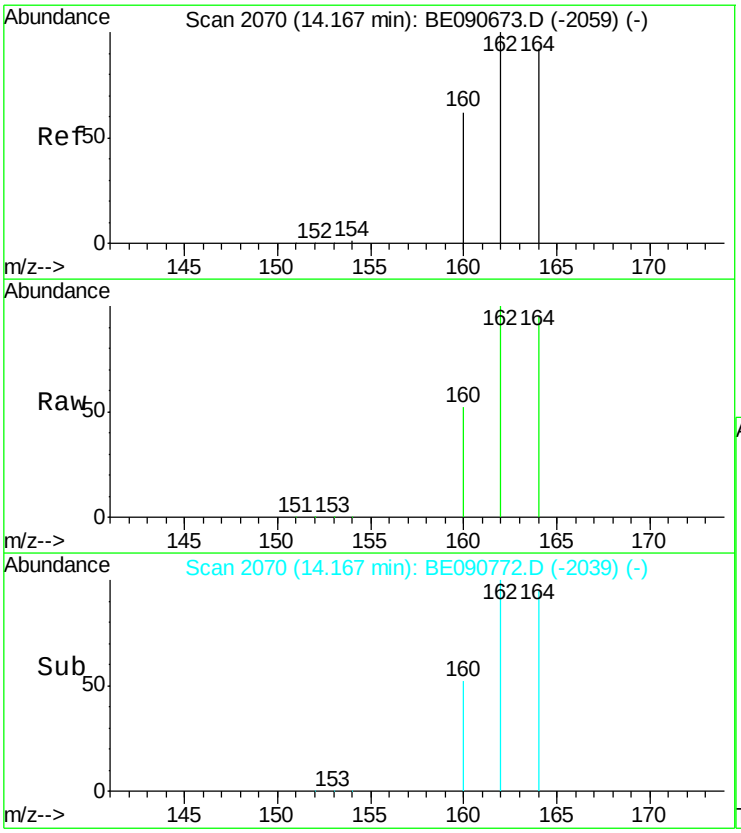
#11
2-Methylnaphthalene
Concen: 0.90 ng
RT: 11.98 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 26917

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	37.6	31.0	46.4

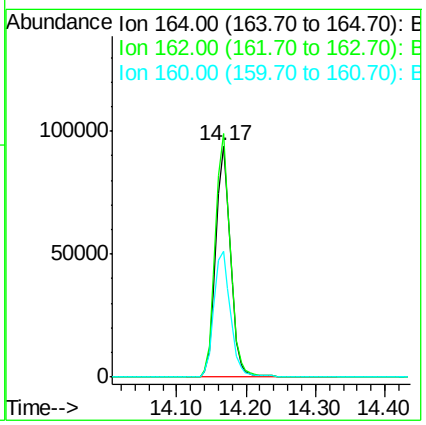


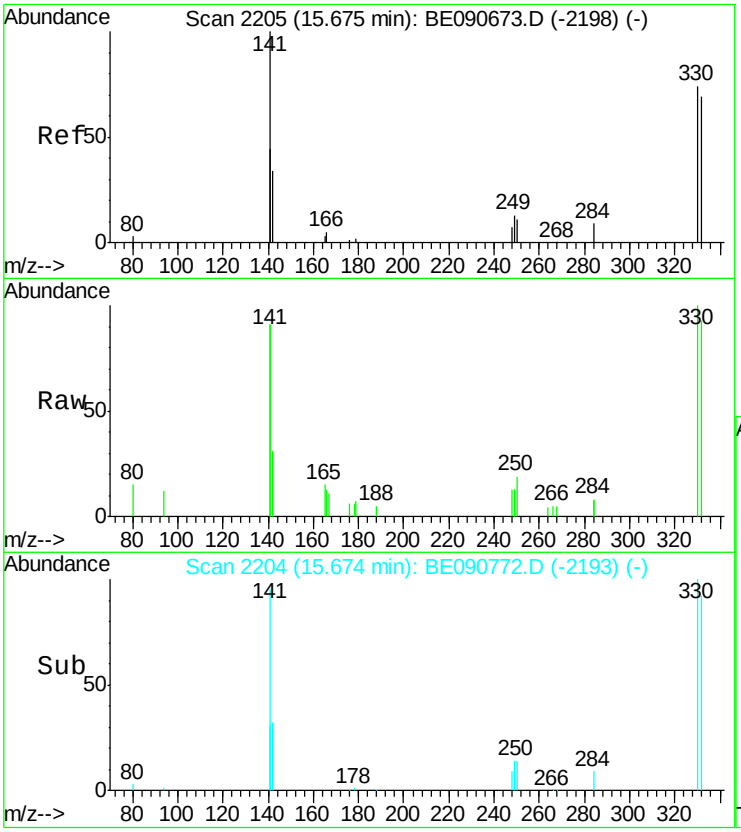


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:164 Resp: 137768

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.8	130.2
160	54.6	53.9	80.9



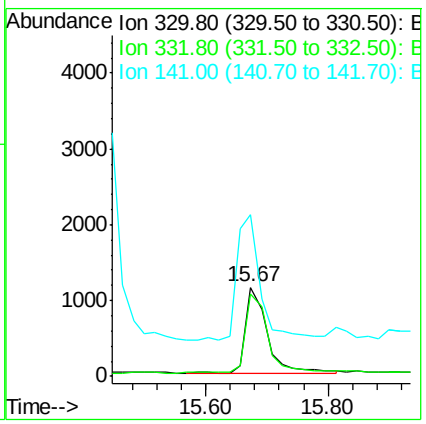


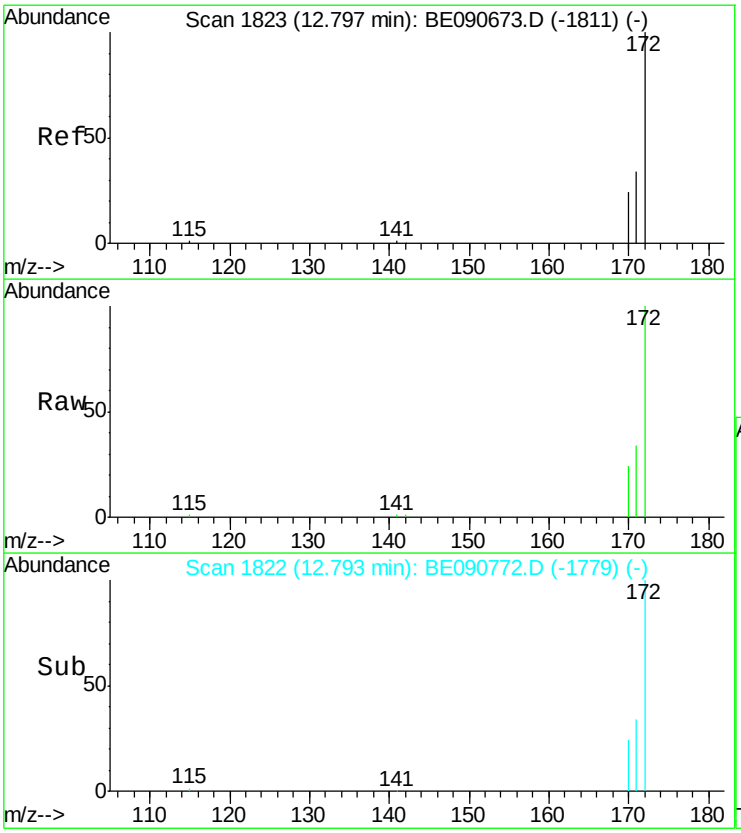
#13
2,4,6-Tribromophenol
Concen: 0.81 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 2687

Ion	Ratio	Lower	Upper
330	100		
332	97.2	74.9	112.3
141	163.5	145.2	217.8

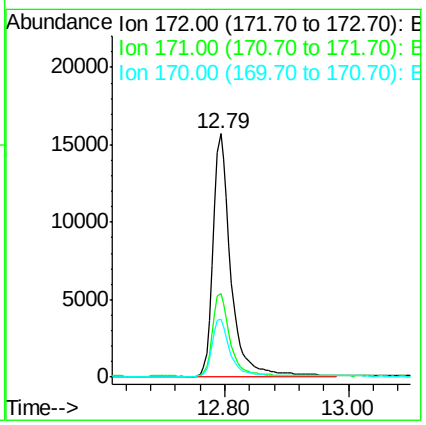


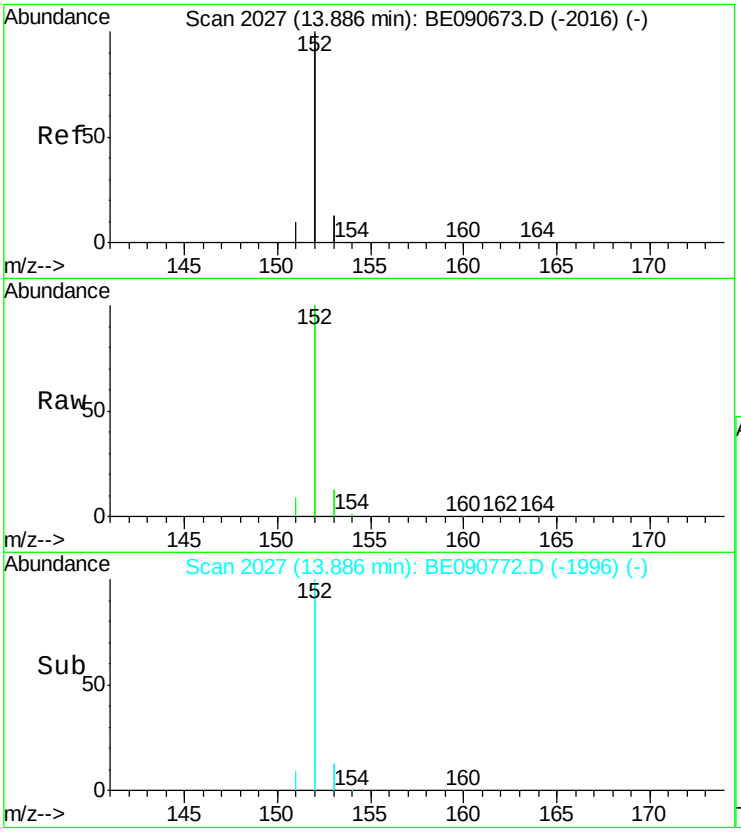


#14
2-Fluorobiphenyl
Concen: 0.82 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:172 Resp: 31130

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	23.8	19.8	29.6



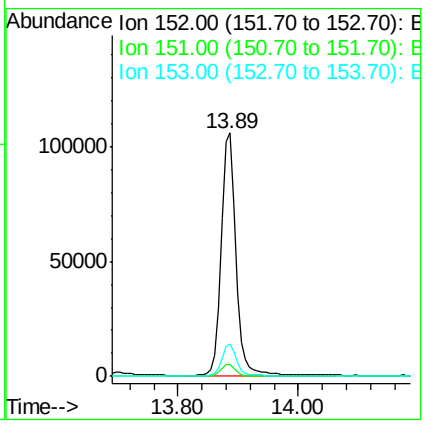


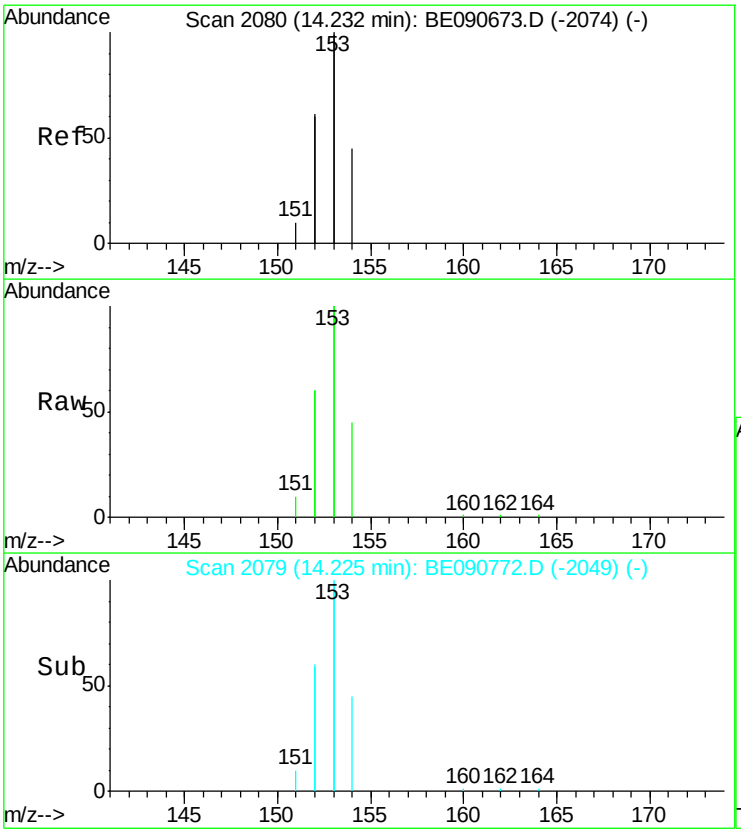
#15
Acenaphthylene
Concen: 0.83 ng
RT: 13.89 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 183350

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.3	15.5

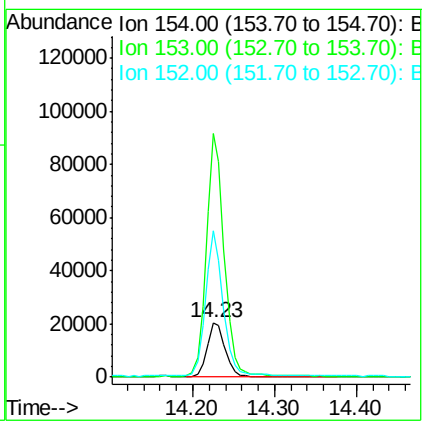


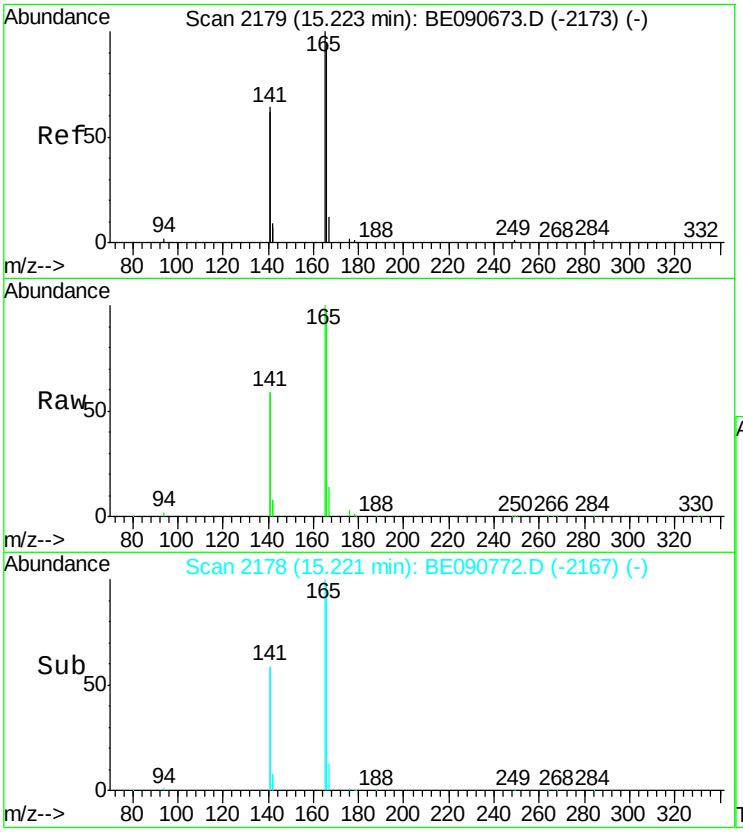


#16
Acenaphthene
Concen: 0.86 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:154 Resp: 31516

Ion	Ratio	Lower	Upper
154	100		
153	437.8	354.5	531.7
152	260.8	227.8	341.6



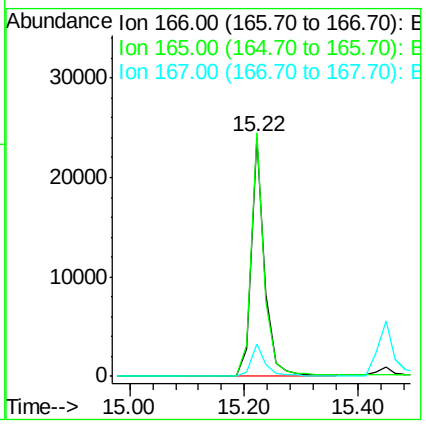


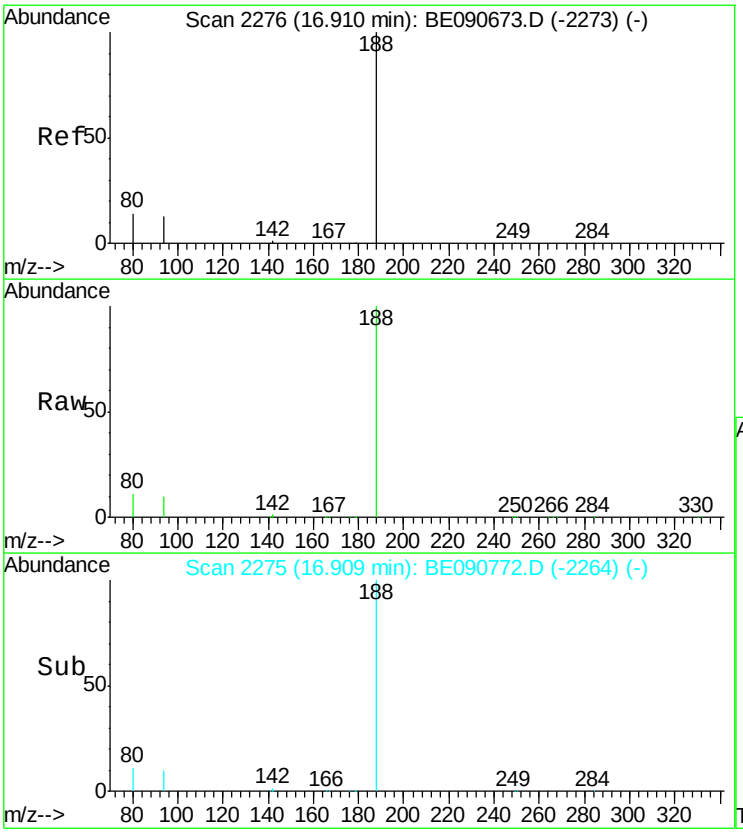
#17
Fluorene
Concen: 0.85 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 38839

Ion	Ratio	Lower	Upper
166	100		
165	100.8	82.7	124.1
167	13.9	10.7	16.1

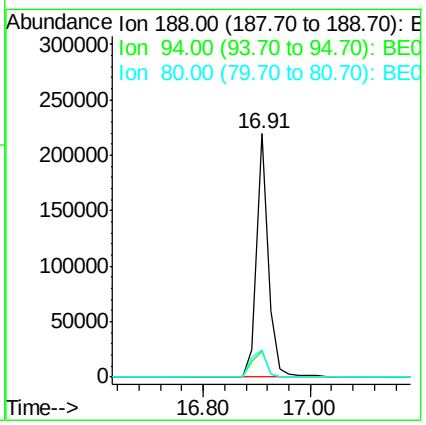


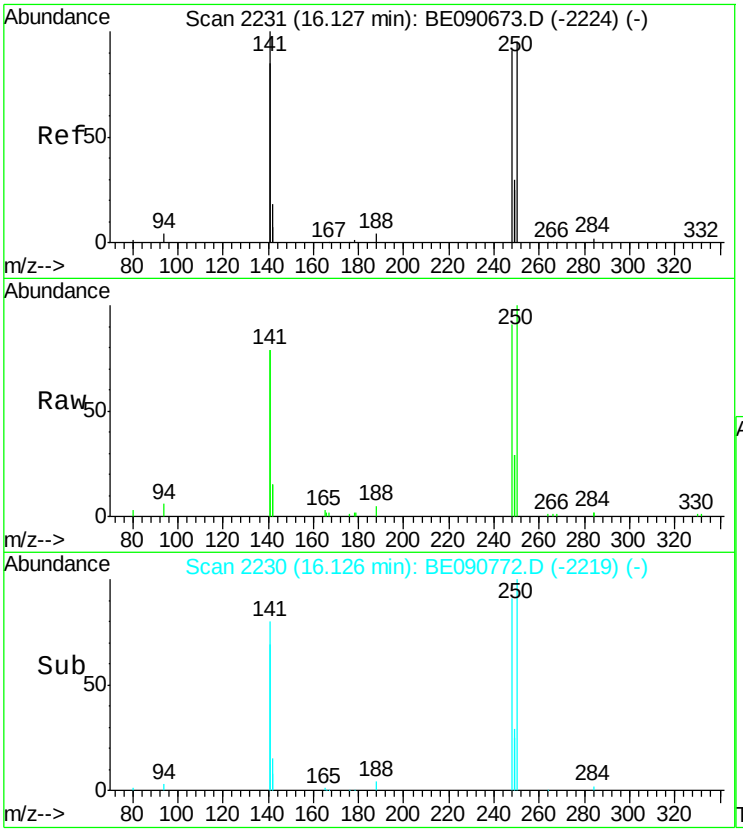


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:188 Resp: 333311

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.3	15.5
80	11.0	11.0	16.6#



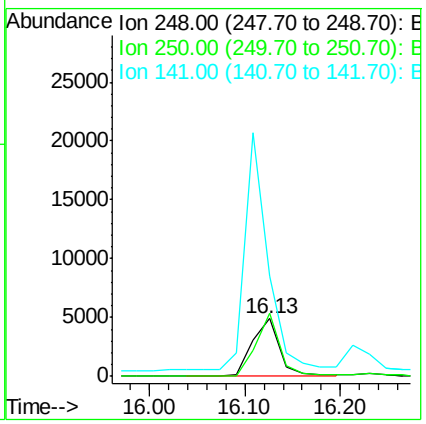


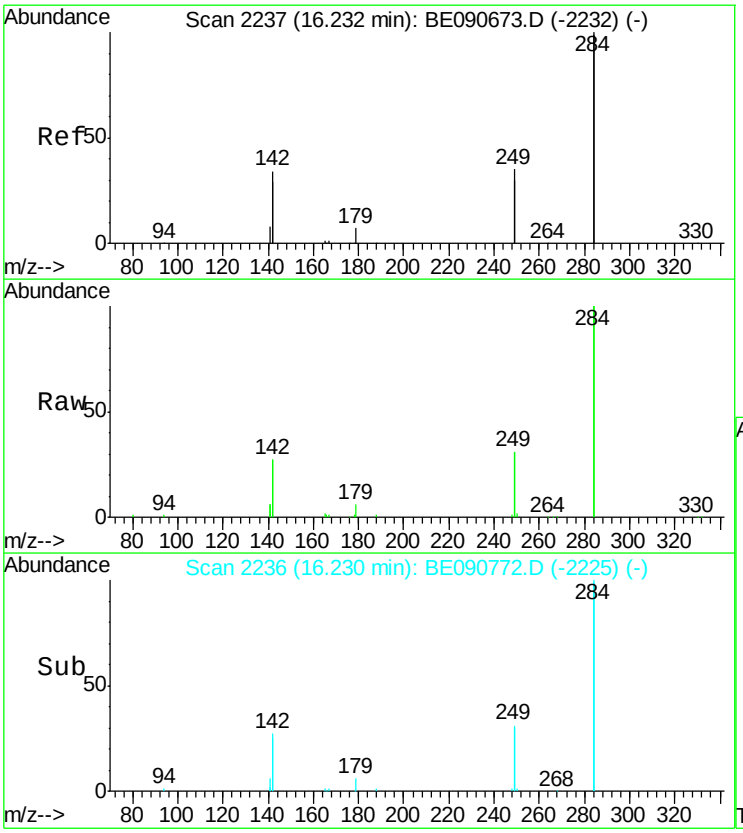
#19
4-Bromophenyl-phenylether
Concen: 0.83 ng
RT: 16.13 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 9479

Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.7	115.1
141	354.5	292.6	439.0

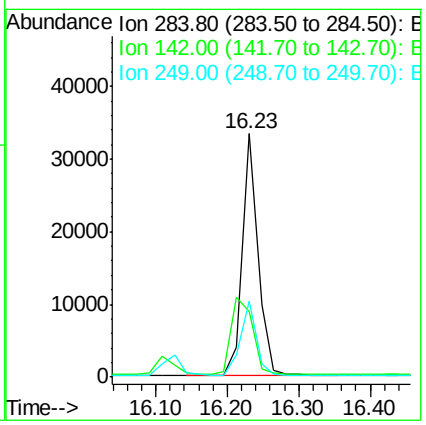


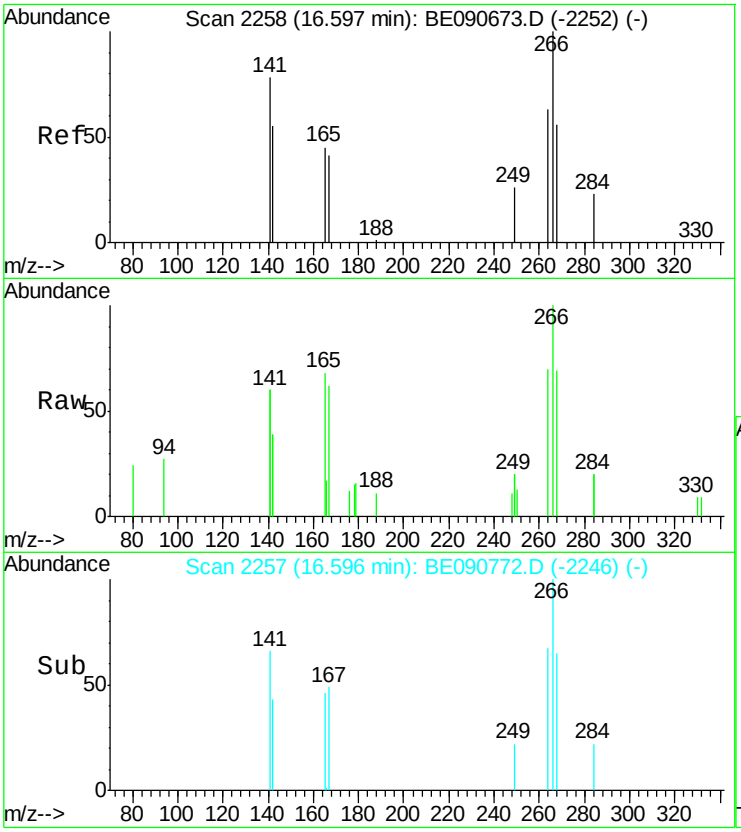


#20
Hexachlorobenzene
Concen: 0.82 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:284 Resp: 50365

Ion	Ratio	Lower	Upper
284	100		
142	42.8	35.0	52.4
249	31.1	25.5	38.3



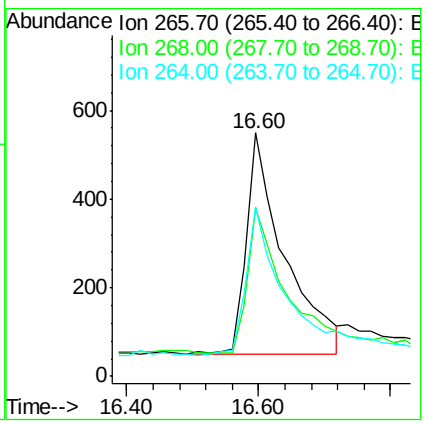


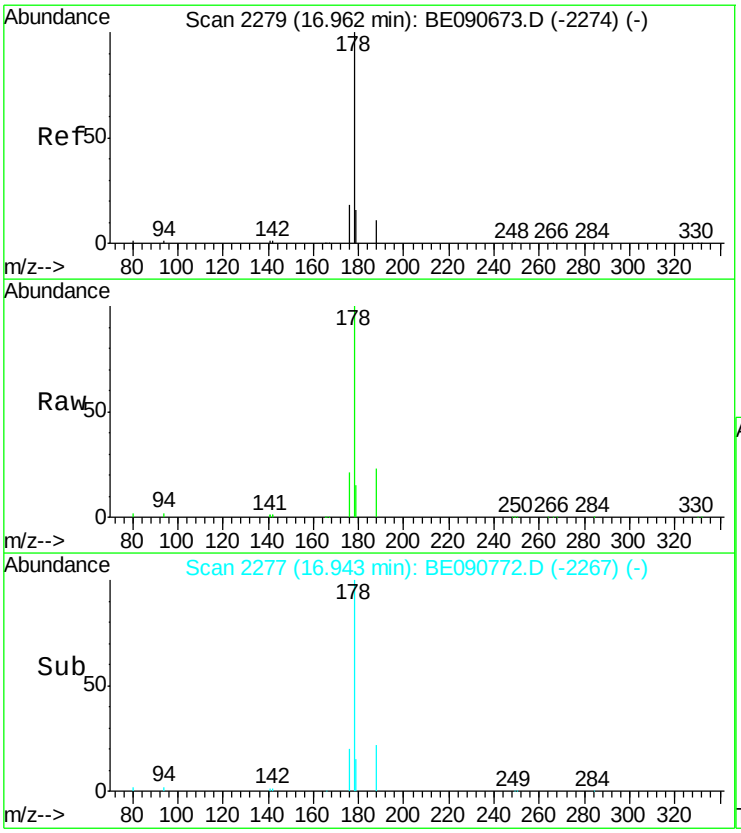
#21
Pentachlorophenol
Concen: 0.87 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 2000

Ion	Ratio	Lower	Upper
266	100		
268	69.0	49.6	74.4
264	69.6	53.9	80.9

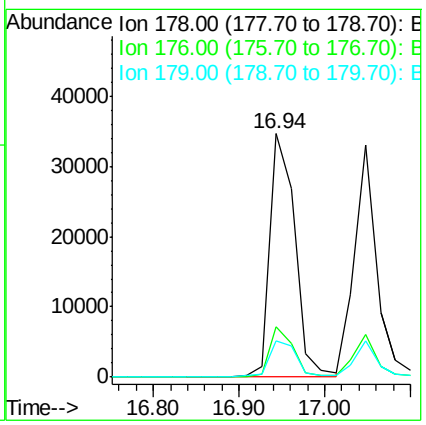


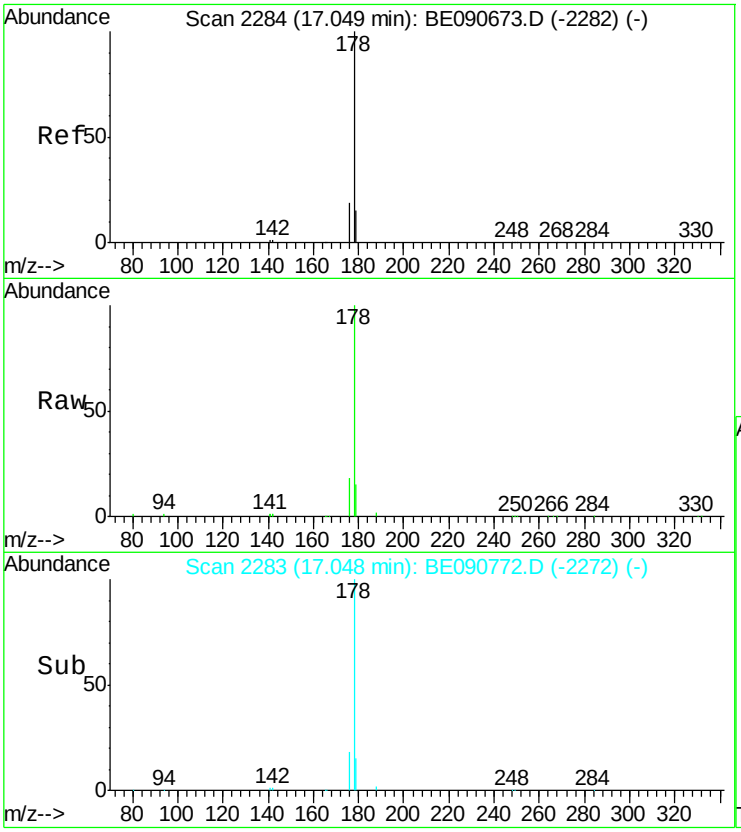


#22
Phenanthrene
Concen: 0.86 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:178 Resp: 70582

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.0	12.8	19.2



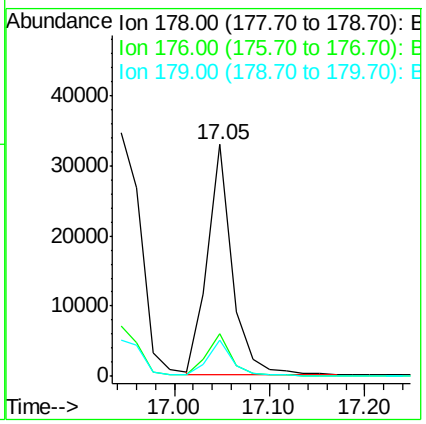


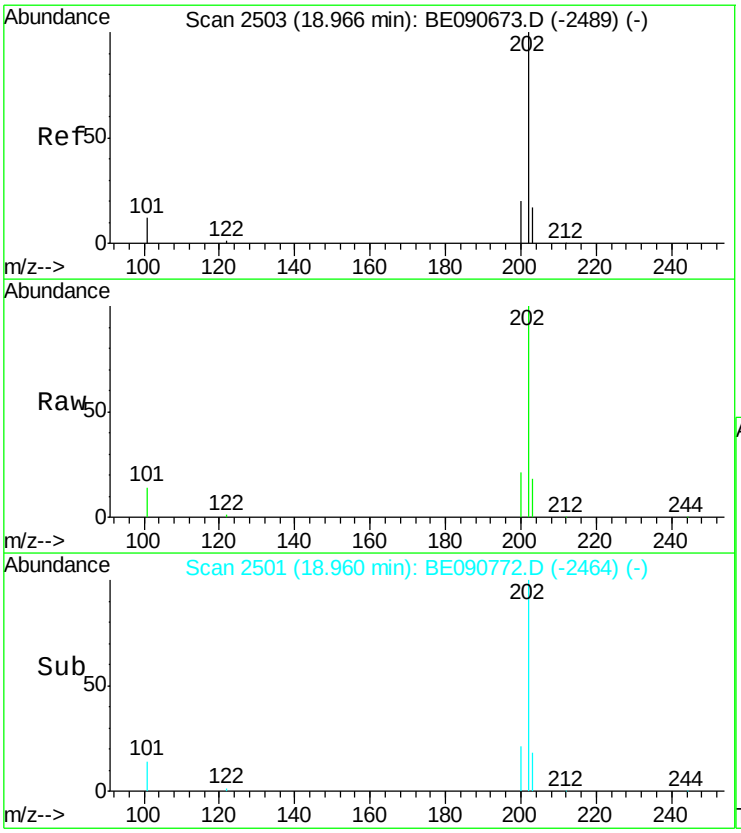
#23
Anthracene
Concen: 0.86 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 59589

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.0	12.3	18.5

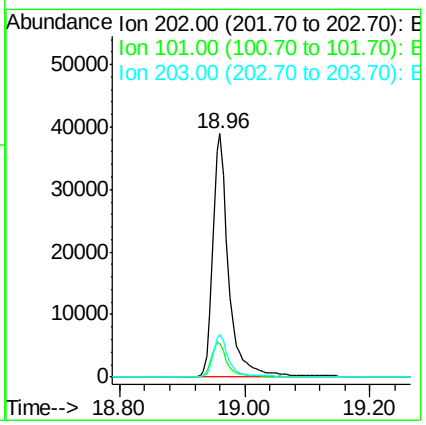


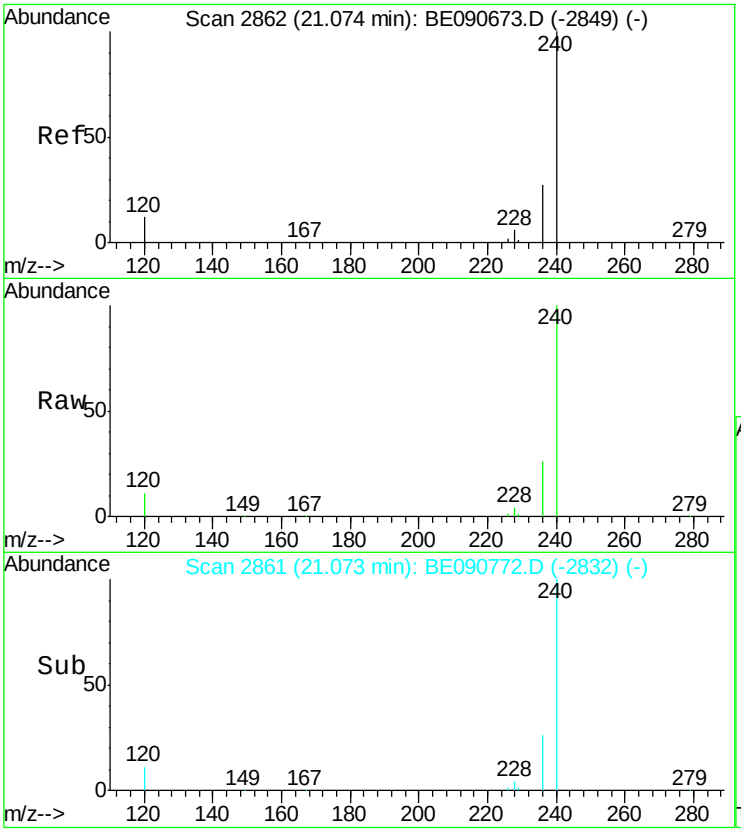


#24
Fluoranthene
Concen: 0.78 ng
RT: 18.96 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:202 Resp: 67606

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.2	13.9	20.9



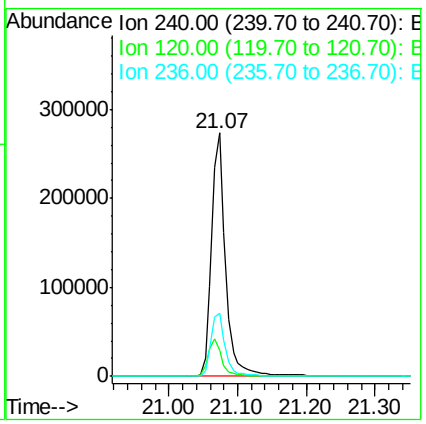


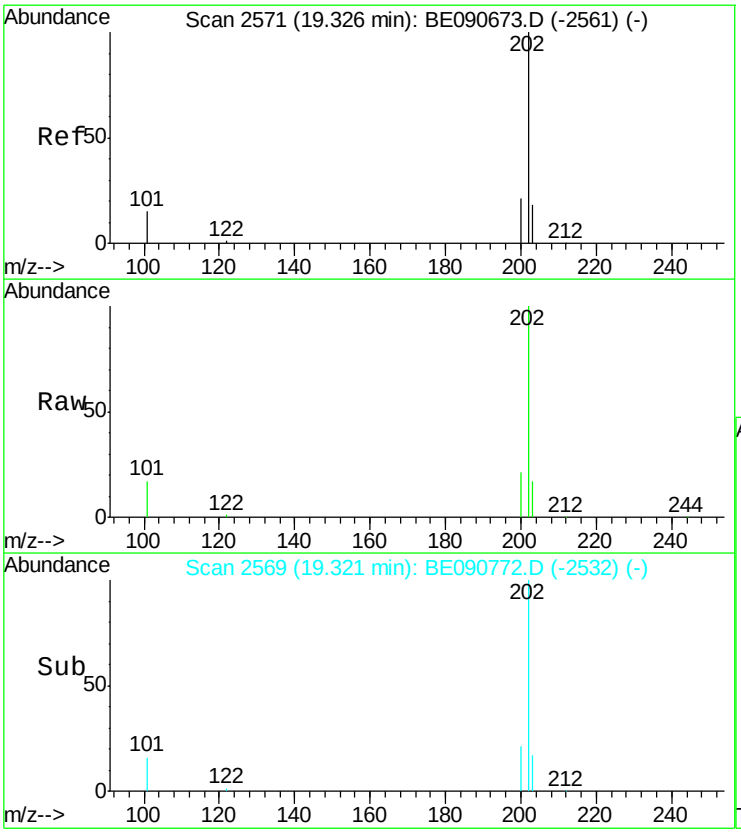
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 388410

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.1	15.1
236	26.1	21.9	32.9

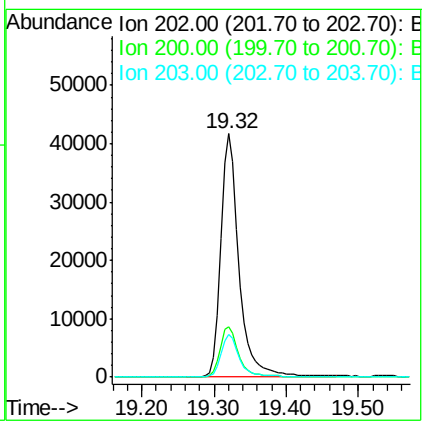


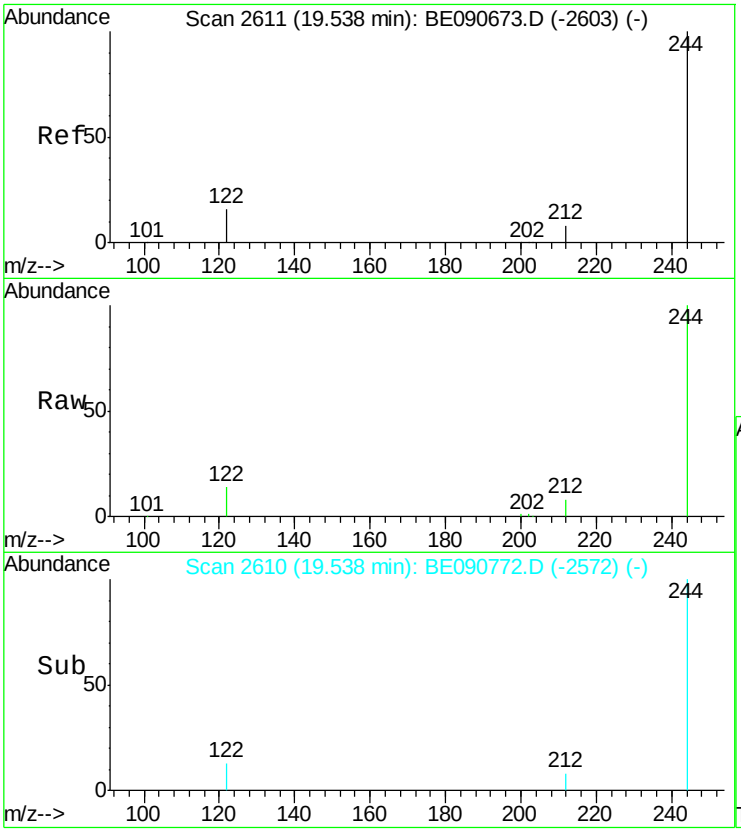


#26
Pyrene
Concen: 0.90 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:202 Resp: 71993

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	13.8	20.6



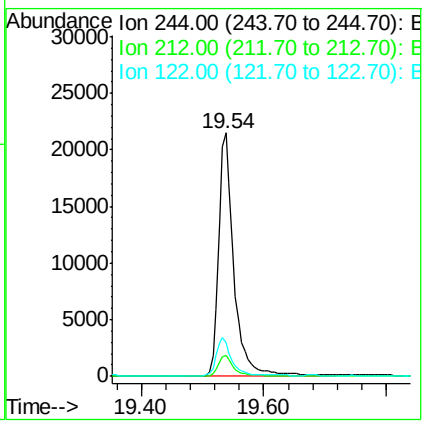


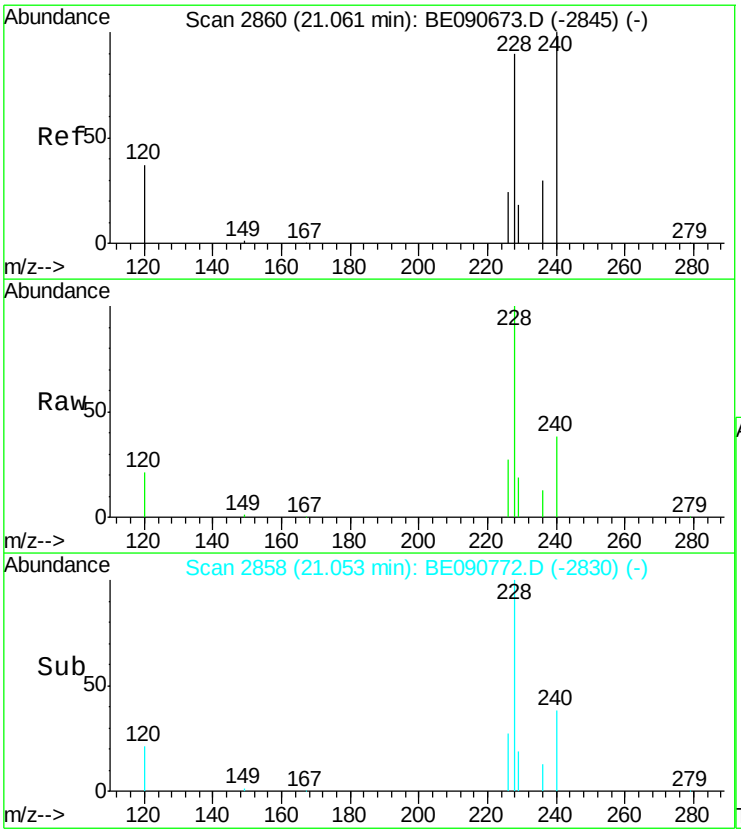
#27
Terphenyl-d14
Concen: 0.87 ng
RT: 19.54 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 37192

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	14.0	12.9	19.3

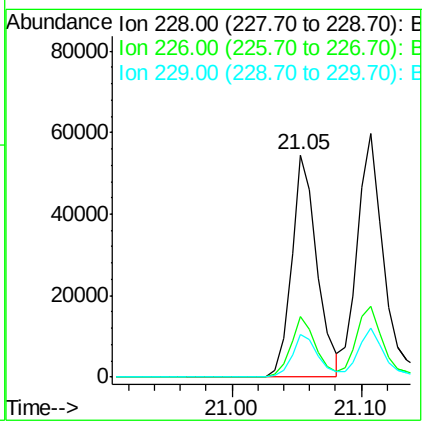


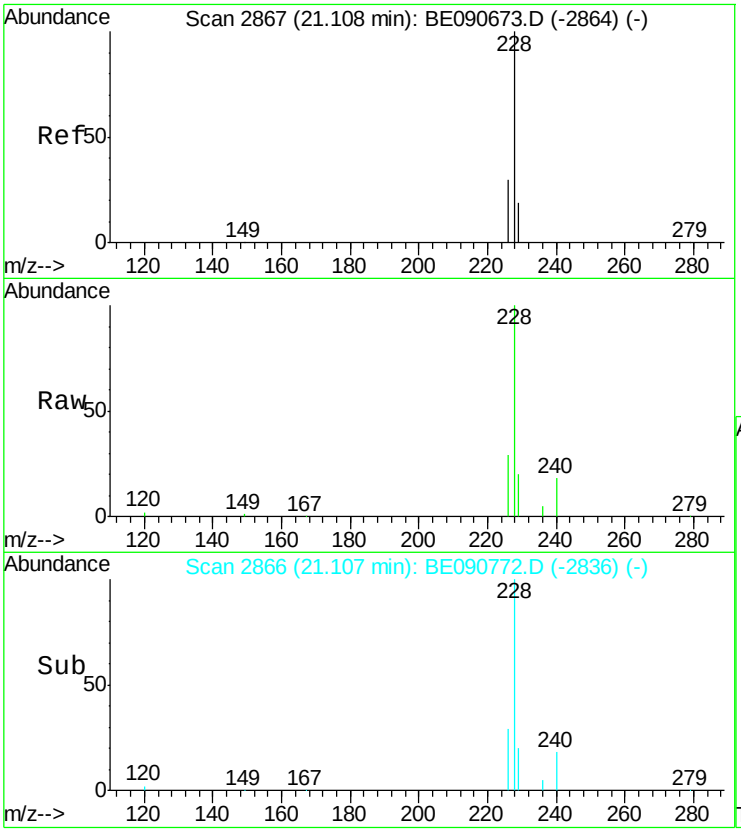


#28
Benzo(a)anthracene
Concen: 0.86 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:228 Resp: 74359

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.0	15.9	23.9



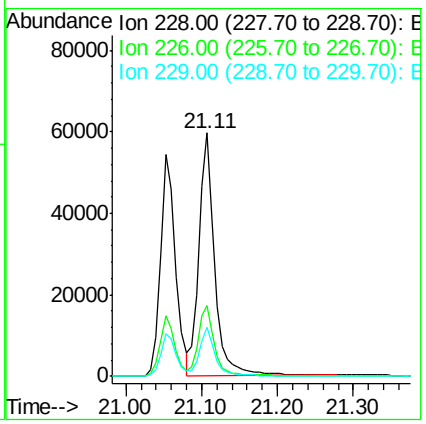


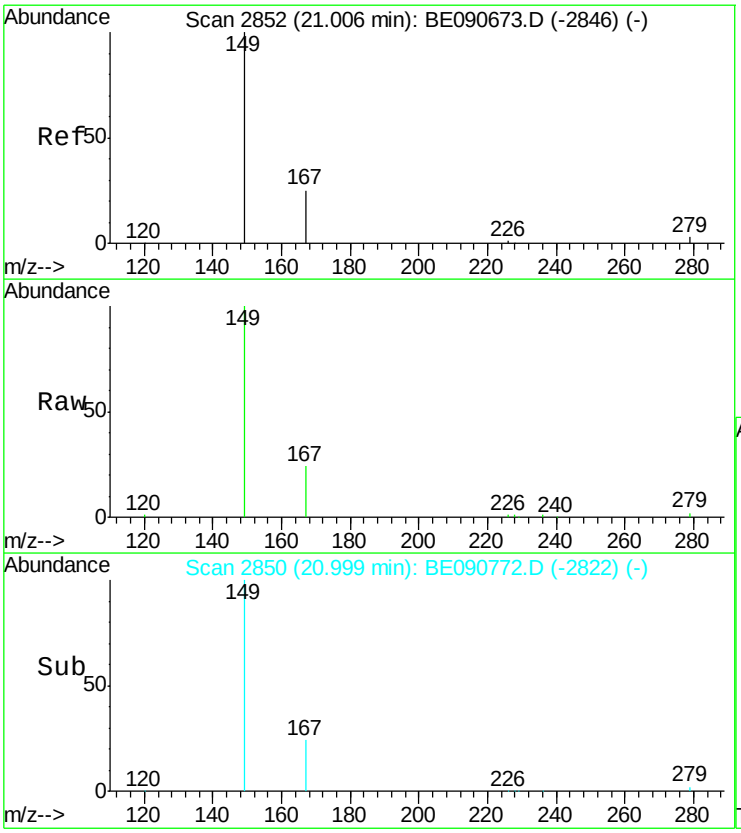
#29
Chrysene
Concen: 0.90 ng
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 86255

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	19.9	15.3	22.9

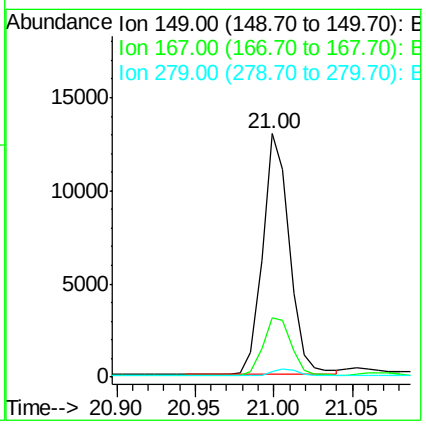


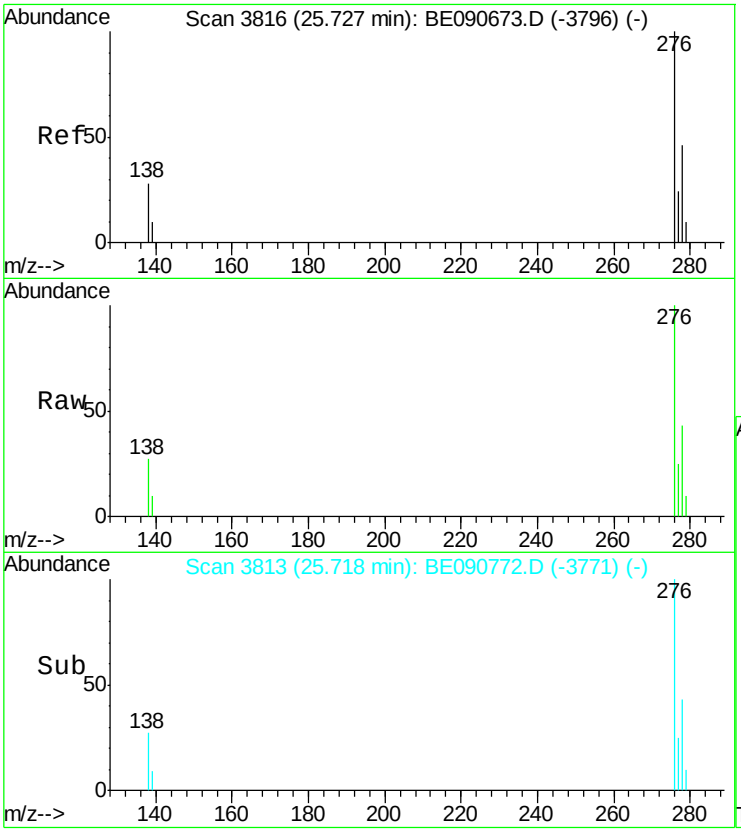


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.72 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:149 Resp: 15192

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.1	30.1
279	2.8	2.3	3.5



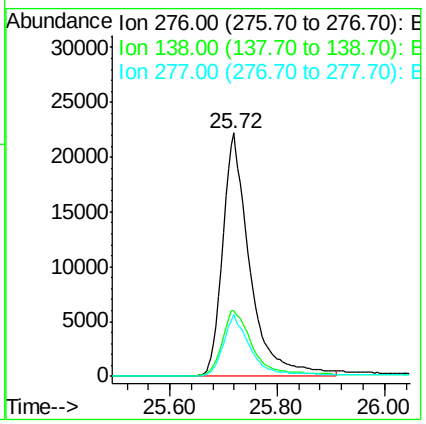


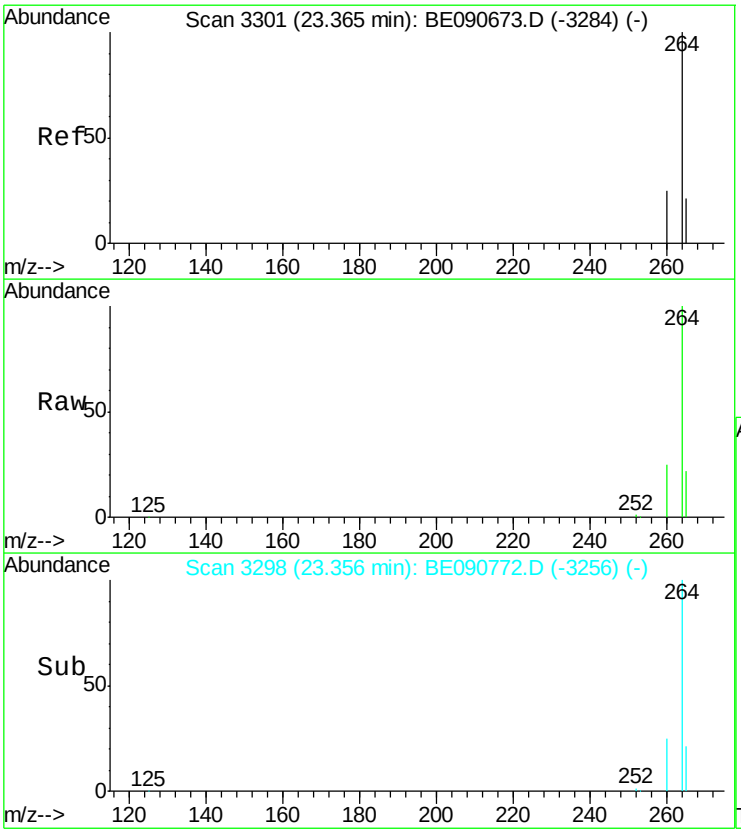
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.85 ng
RT: 25.72 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 77922

Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.3	34.9
277	24.8	19.8	29.6

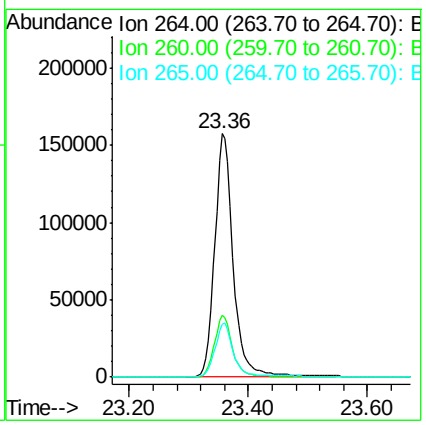


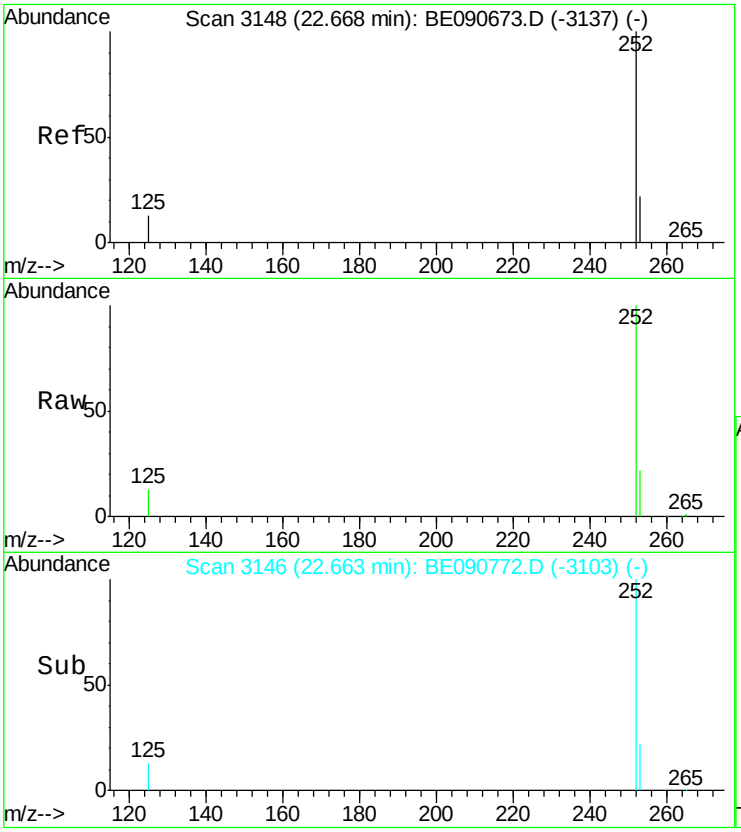


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:264 Resp: 340460

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.7	17.5	26.3



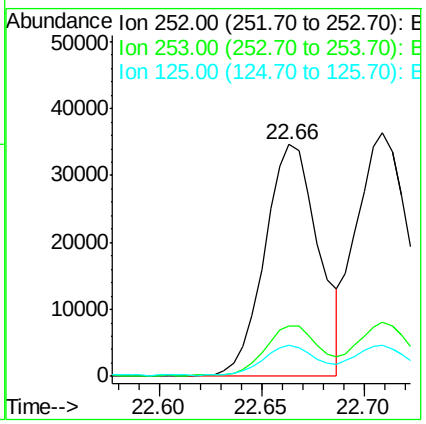


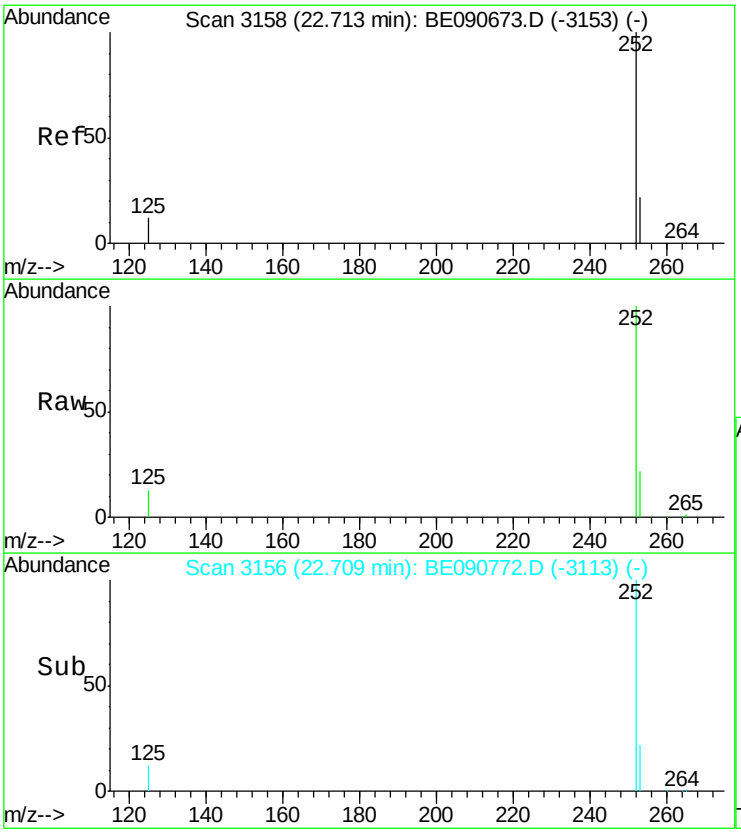
#33
Benzo(b)fluoranthene
Concen: 0.85 ng
RT: 22.66 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 62896

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.3	10.6	16.0

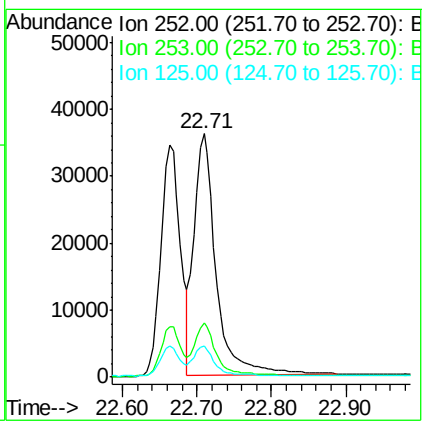


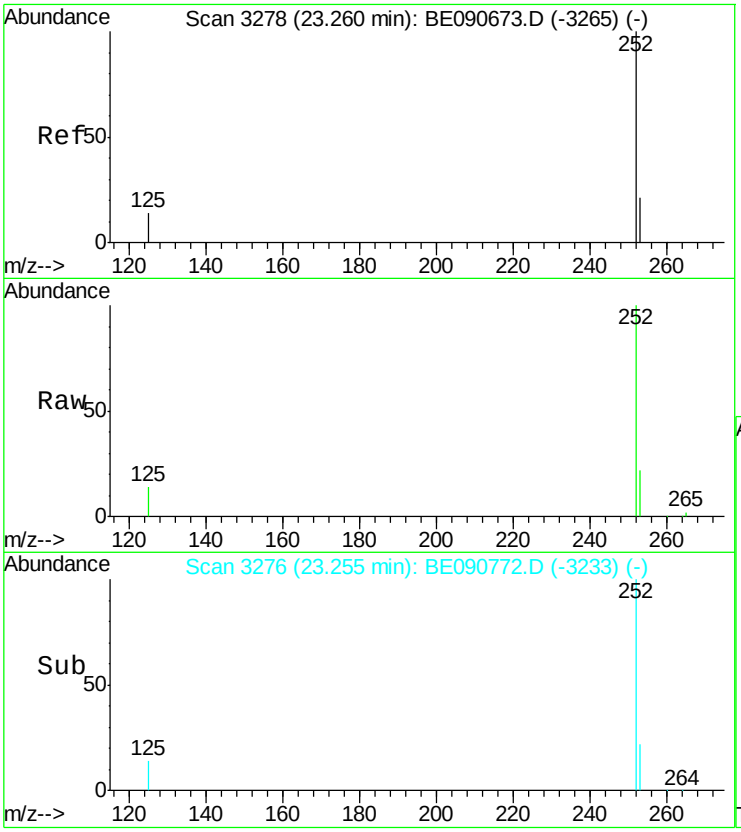


#34
Benzo(k)fluoranthene
Concen: 0.86 ng
RT: 22.71 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:252 Resp: 74152

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.7	10.1	15.1



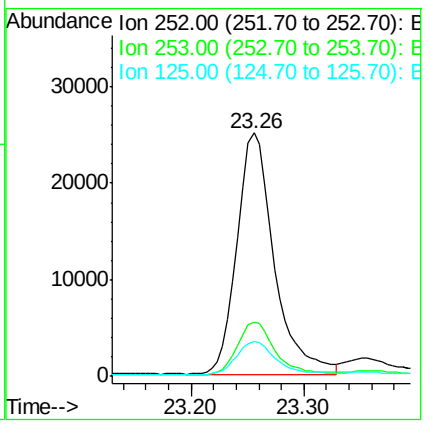


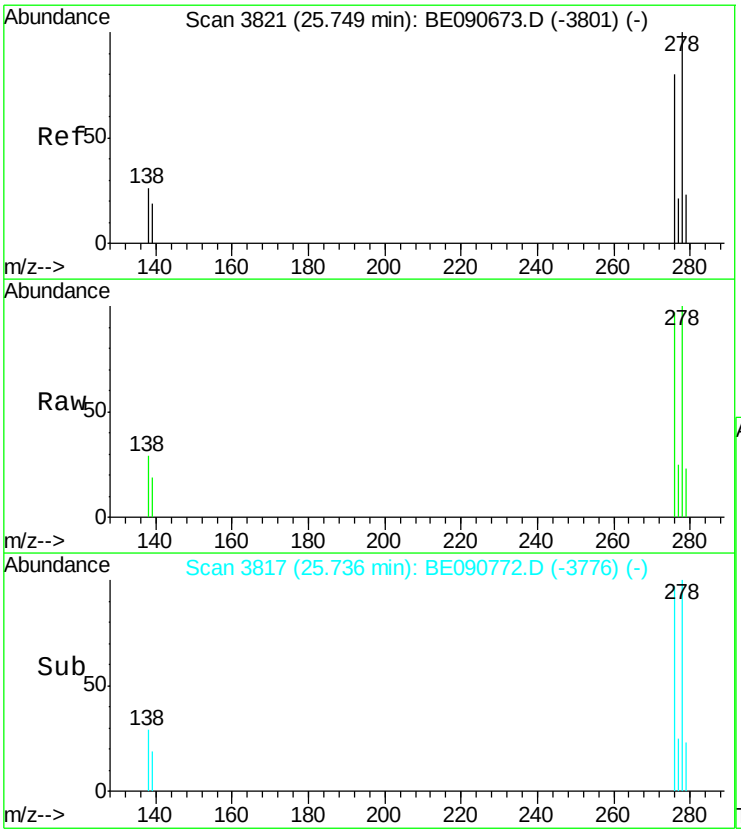
#35
Benzo(a)pyrene
Concen: 0.85 ng
RT: 23.26 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 55933

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.2	11.6	17.4

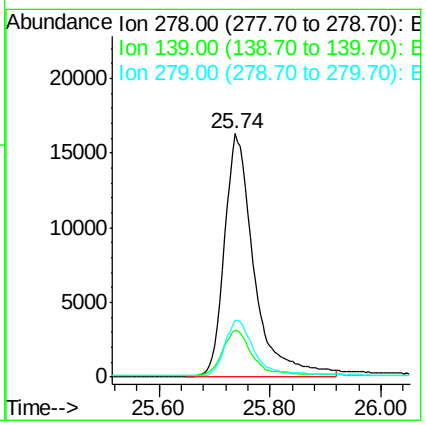


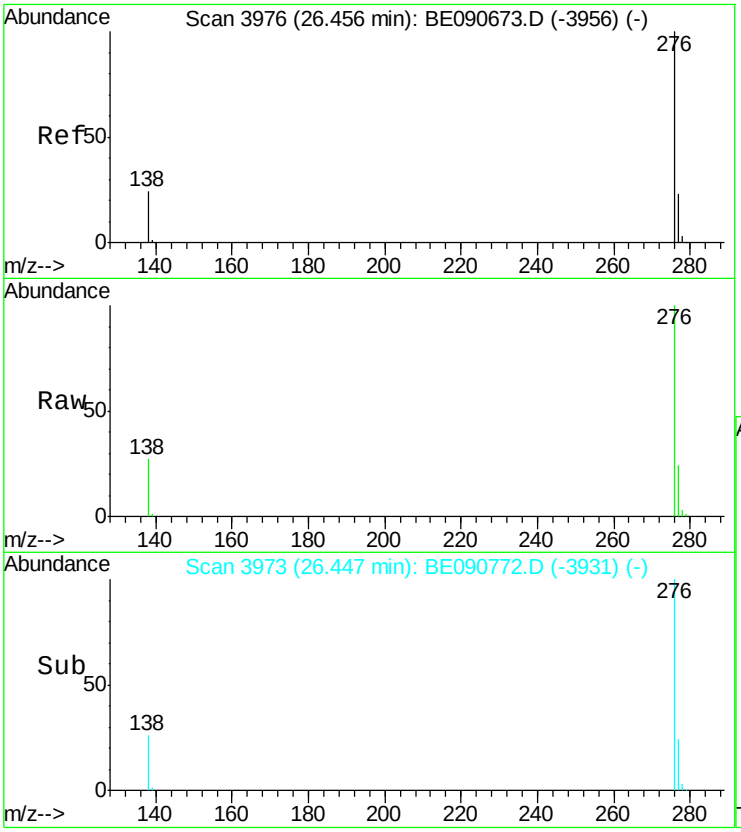


#36
Dibenzo(a,h)anthracene
Concen: 0.86 ng
RT: 25.74 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Tgt Ion:278 Resp: 59738

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.4	23.0
279	23.5	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 0.81 ng
RT: 26.45 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BE090772.D
Acq: 10 Sep 2015 21:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 61253

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	26.7	20.1	30.1