Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
Data File : BE090755.D
Acq On : 8 Sep 2015 19:15
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Sep 08 23:08:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:05:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	63806	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	302410	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	170685	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	408731	5.00	ng		0.00
25) Chrysene-d12	21.07	240	492339	5.00	ng		0.00
32) Perylene-d12	23.36	264	456660	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	12729	1.04	ng		0.00
5) Phenol-d6	6.75	99	20177	1.14	ng		0.00
7) Nitrobenzene-d5	8.70	82	20517	1.03	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	4834	1.10	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	45766	0.97	ng		0.00
27) Terphenyl-d14	19.53	244	60924	1.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	8973	0.94	ng		97
3) n-Nitrosodimethylamine	3.45	42	11563	0.96	ng	#	95
8) Nitrobenzene	8.74	77	22743	1.01	ng		99
9) Naphthalene	10.36	128	66562	1.01	ng		99
10) Hexachlorobutadiene	10.65	225	9901	0.96	ng		99
11) 2-Methylnaphthalene	11.98	142	40139	1.13	ng		99
15) Acenaphthylene	13.88	152	281459	1.03	ng		100
16) Acenaphthene	14.23	154	45474	1.00	ng		92
17) Fluorene	15.22	166	57558	1.01	ng		96
19) 4-Bromophenyl-phenylether	16.11	248	14400	1.03	ng		98
20) Hexachlorobenzene	16.23	284	73156	1.00	ng		98
21) Pentachlorophenol	16.60	266	4203	1.16	ng		98
22) Phenanthrene	16.94	178	104116	1.03	ng		99
23) Anthracene	17.05	178	94104	1.11	ng		99
24) Fluoranthene	18.96	202	109921	1.03	ng		99
26) Pyrene	19.32	202	118892	1.17	ng		99
28) Benzo(a)anthracene	21.05	228	118471	1.09	ng		100
29) Chrysene	21.11	228	131652	1.10	ng		98
30) Bis(2-ethylhexyl)phthalate	21.00	149	31484	1.11	ng		100
31) Indeno(1,2,3-cd)pyrene	25.72	276	131877	1.13	ng		99
33) Benzo(b)fluoranthene	22.66	252	105652	1.07	ng		99
34) Benzo(k)fluoranthene	22.70	252	119622	1.04	ng		99
35) Benzo(a)pyrene	23.26	252	95833	1.08	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	102623	1.06	ng		100
37) Benzo(g,h,i)perylene	26.44	276	104242	1.02	ng		99

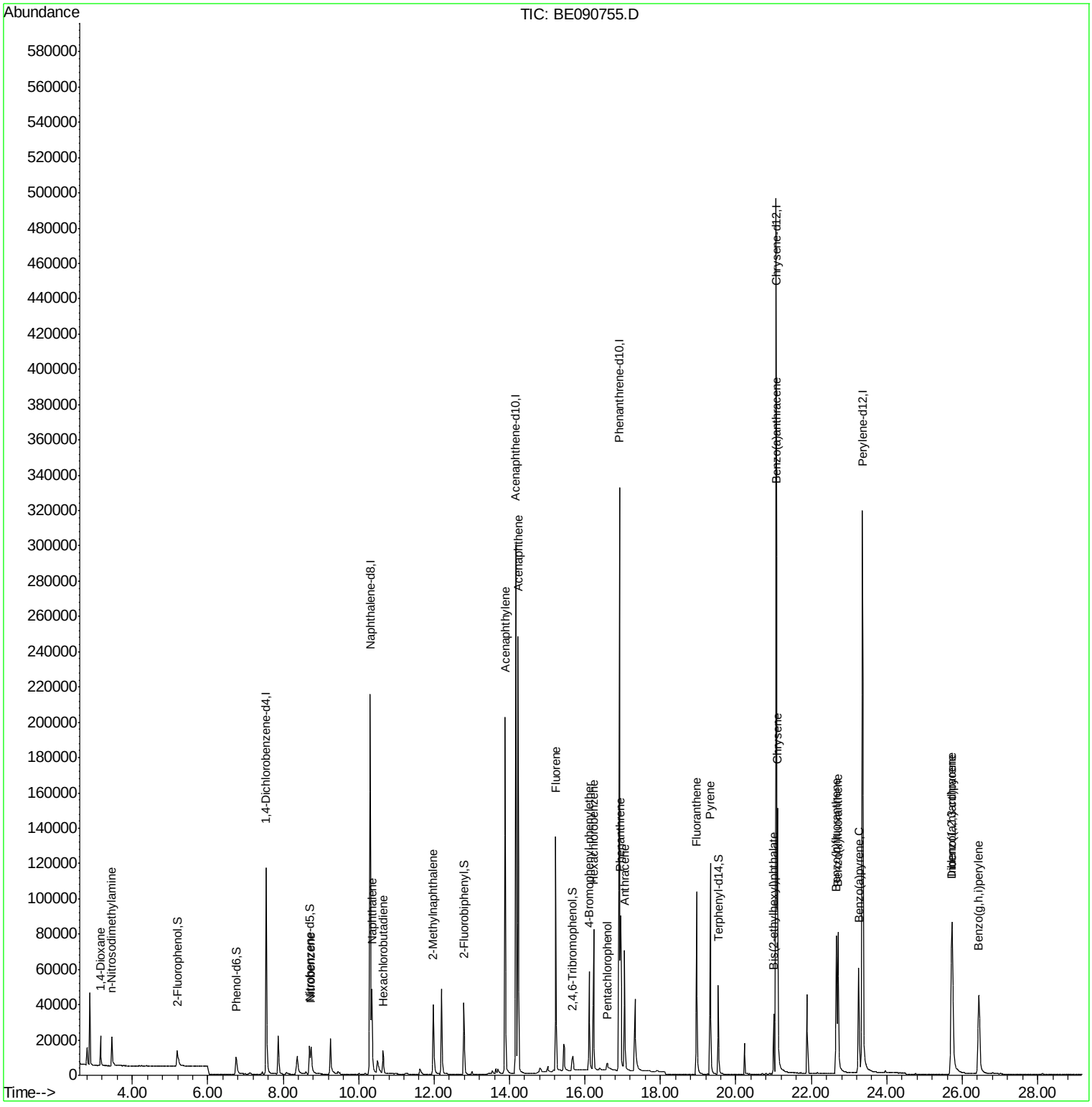
(#) = qualifier out of range (m) = manual integration (+) = signals summed

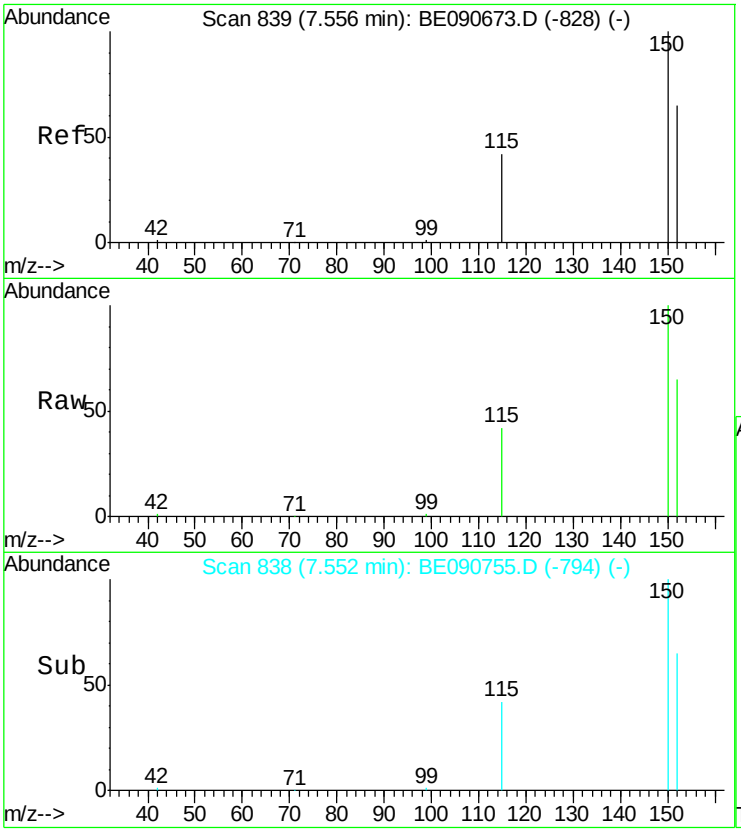
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
Data File : BE090755.D
Acq On : 8 Sep 2015 19:15
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Sep 08 23:08:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:05:35 2015
Response via : Initial Calibration



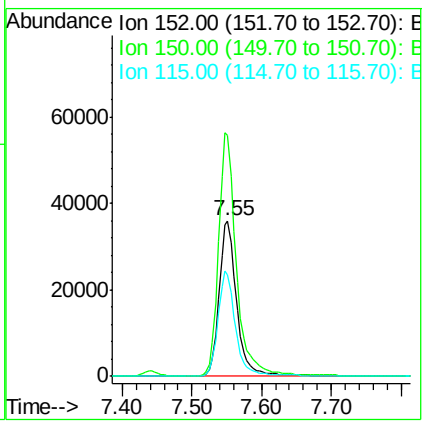


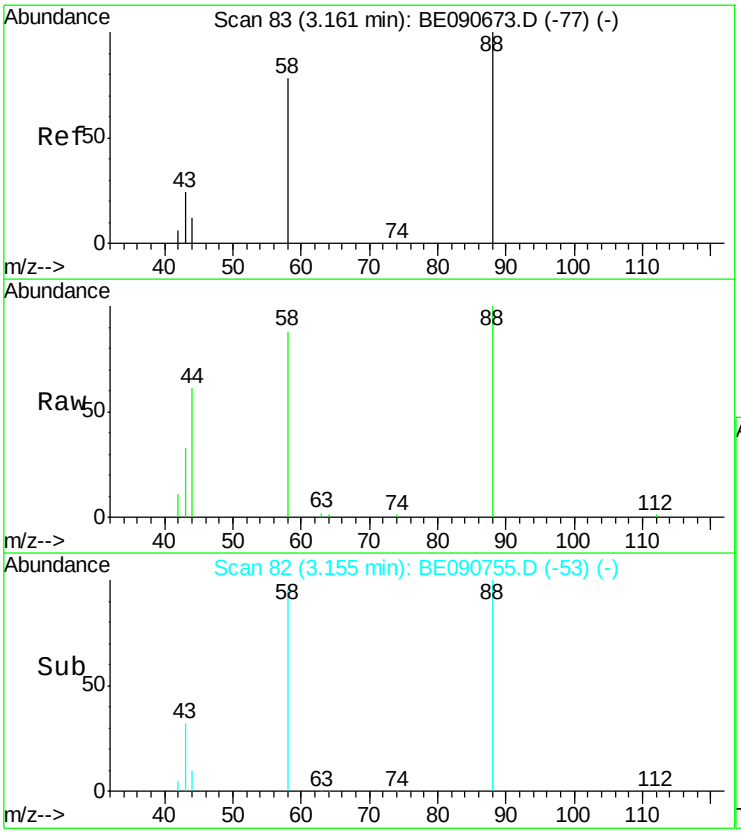
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 63806

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.2	183.4
115	65.5	51.0	76.4

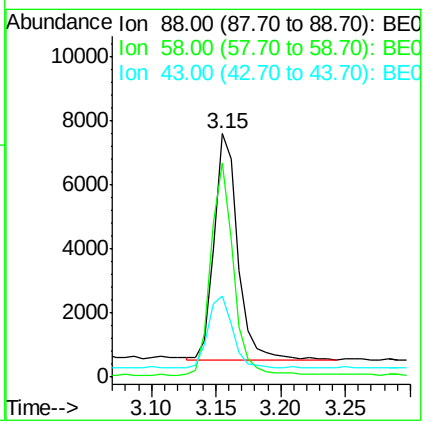


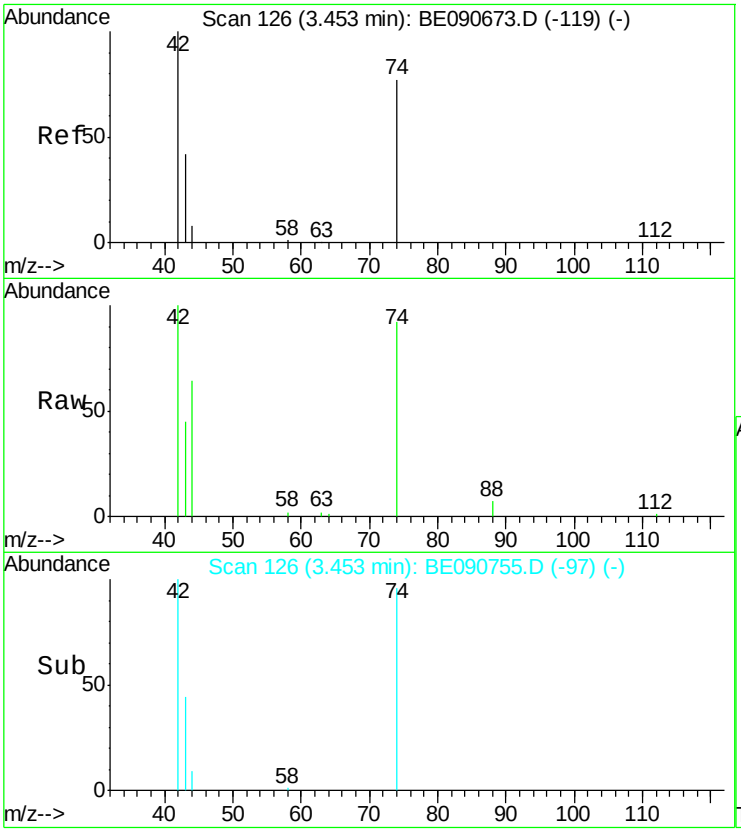


#2
1,4-Dioxane
Concen: 0.94 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion: 88 Resp: 8973

Ion	Ratio	Lower	Upper
88	100		
58	89.2	68.4	102.6
43	33.7	26.9	40.3



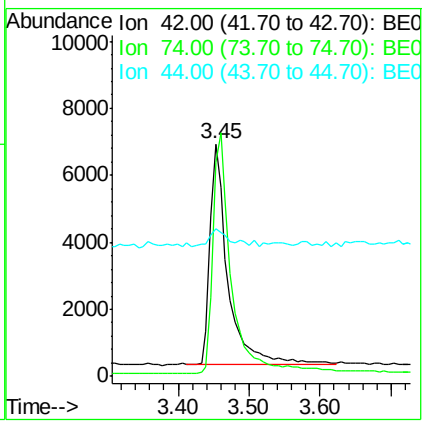


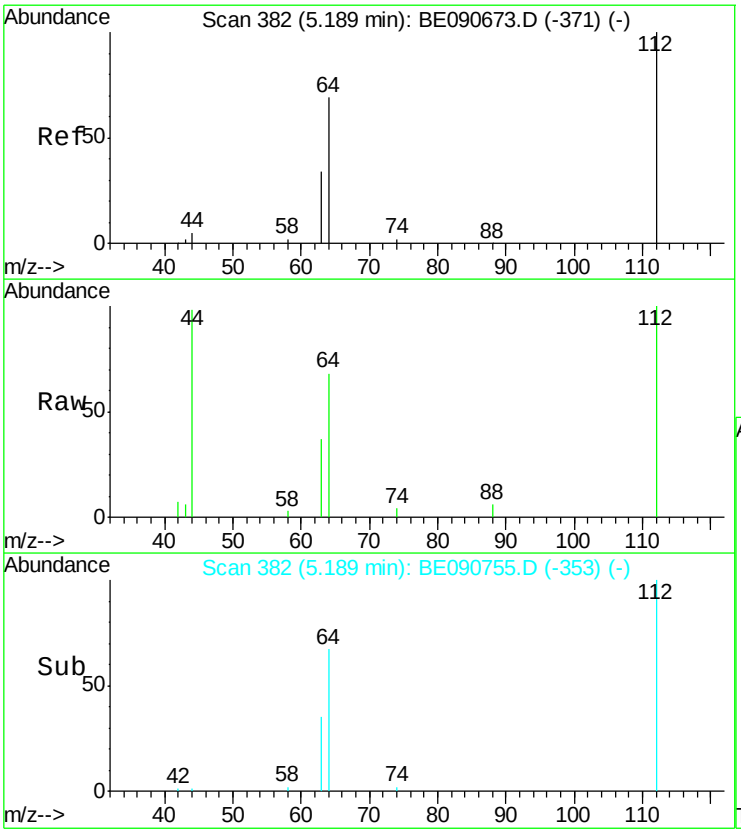
#3
n-Nitrosodimethylamine
Concen: 0.96 ng
RT: 3.45 min Scan# 126
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 11563

Ion	Ratio	Lower	Upper
42	100		
74	108.1	83.7	125.5
44	6.7	10.0	15.0#

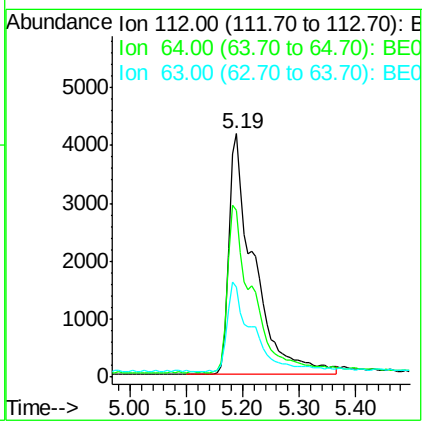


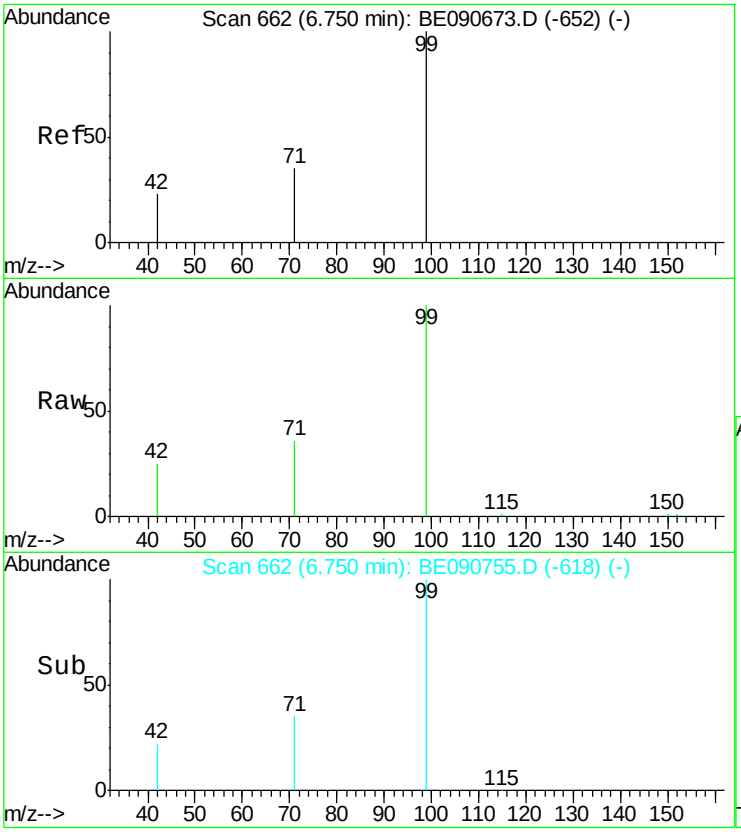


#4
2-Fluorophenol
Concen: 1.04 ng
RT: 5.19 min Scan# 382
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:112 Resp: 12729

Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.3	85.9
63	36.6	29.2	43.8



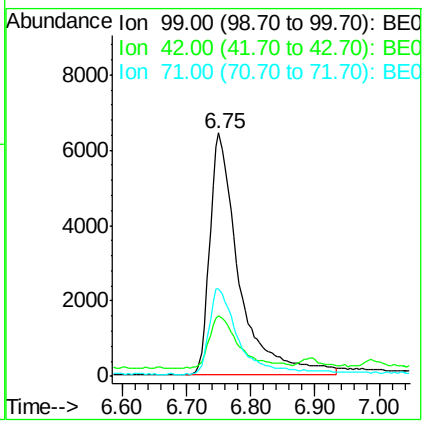


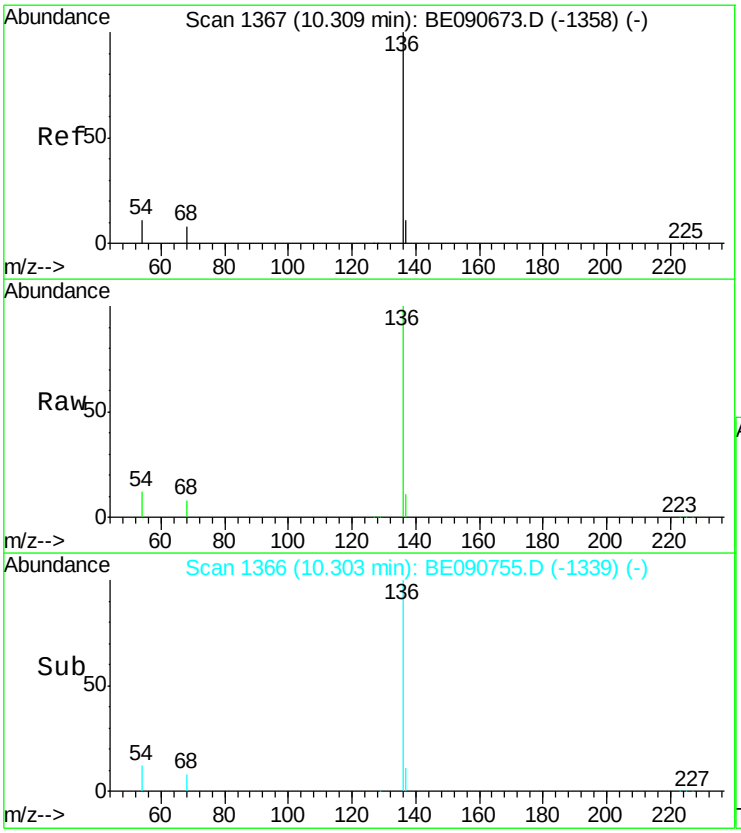
#5
Phenol-d6
Concen: 1.14 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 20177

Ion	Ratio	Lower	Upper
99	100		
42	22.8	16.8	25.2
71	34.6	28.3	42.5

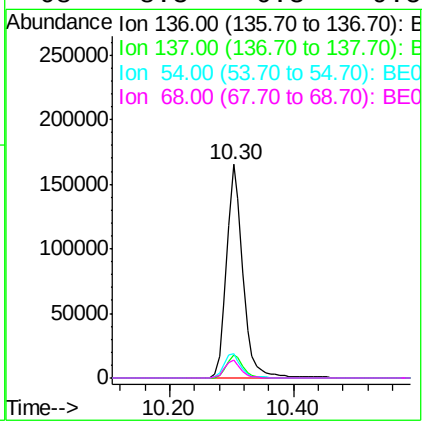


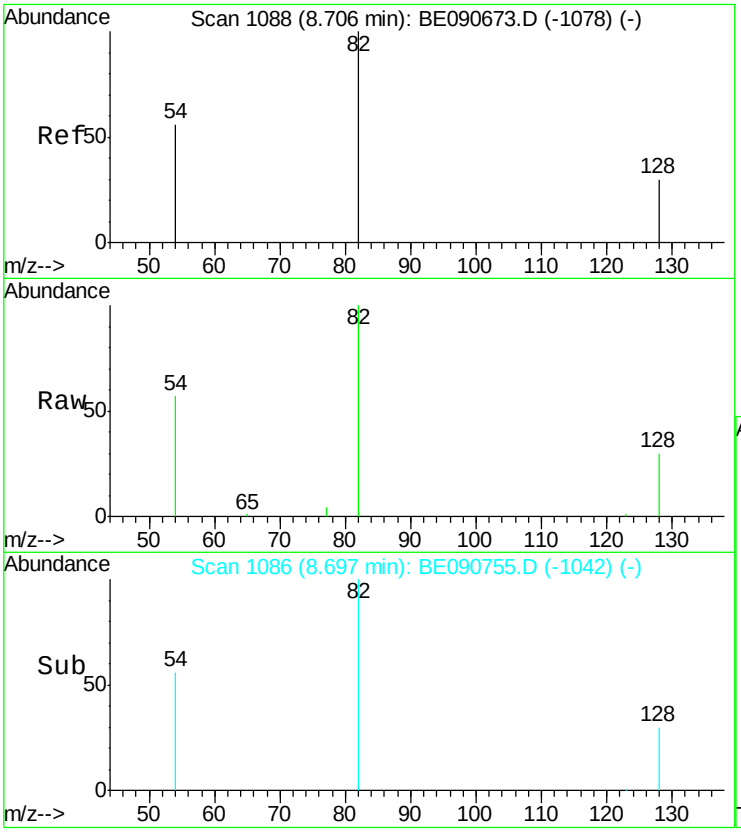


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:136 Resp: 302410

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.6	9.0	13.6
68	8.3	6.3	9.5



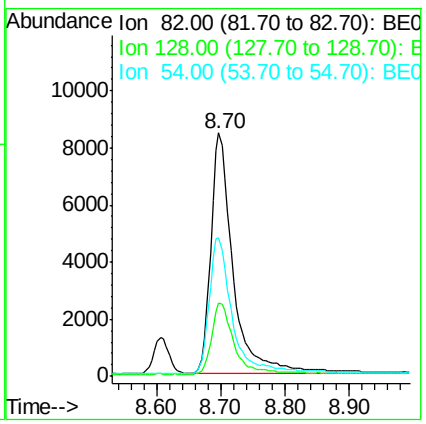


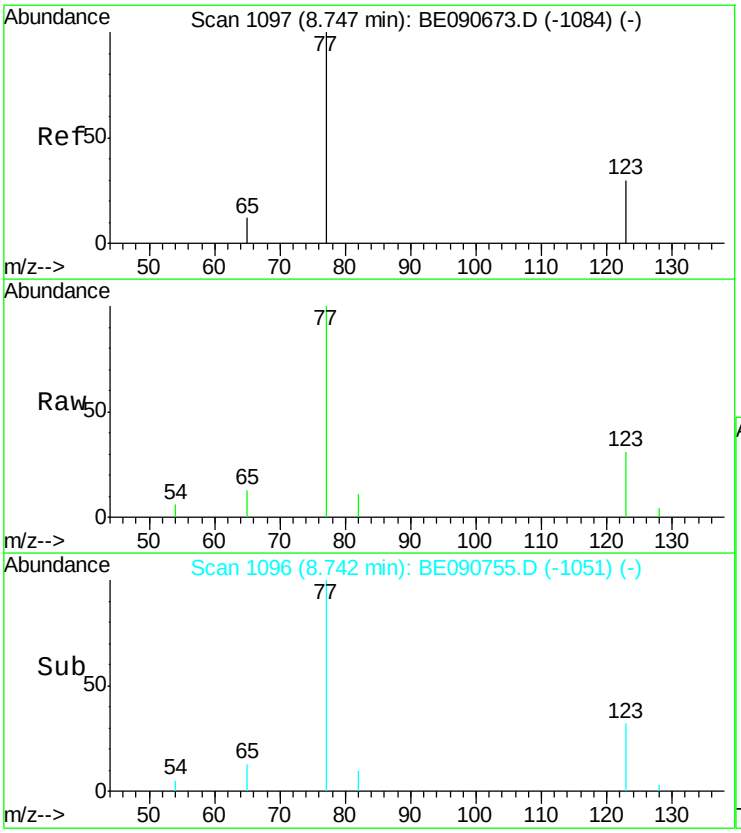
#7
Nitrobenzene-d5
Concen: 1.03 ng
RT: 8.70 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 20517

Ion	Ratio	Lower	Upper
82	100		
128	30.1	25.0	37.4
54	57.0	46.3	69.5

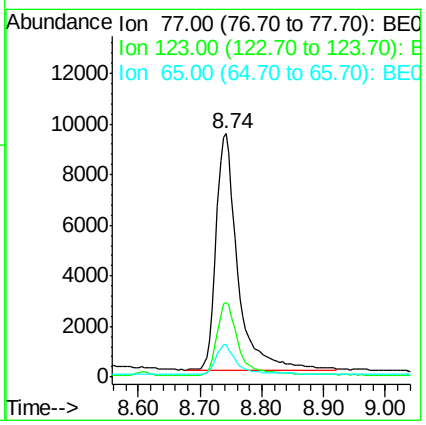


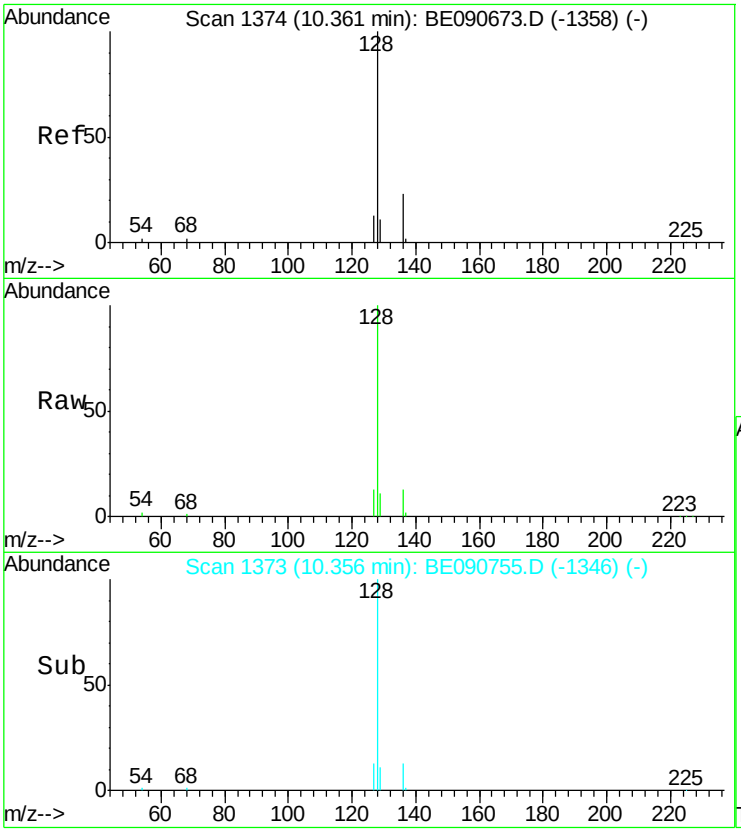


#8
Nitrobenzene
Concen: 1.01 ng
RT: 8.74 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion: 77 Resp: 22743

Ion	Ratio	Lower	Upper
77	100		
123	32.0	25.1	37.7
65	12.0	9.9	14.9



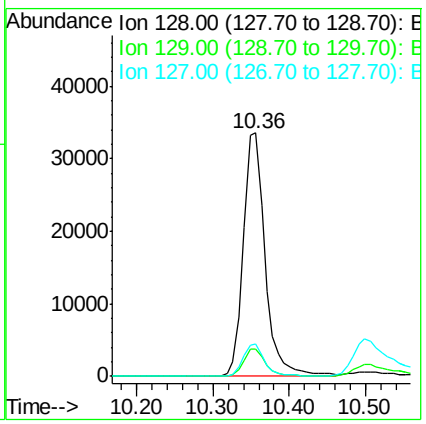


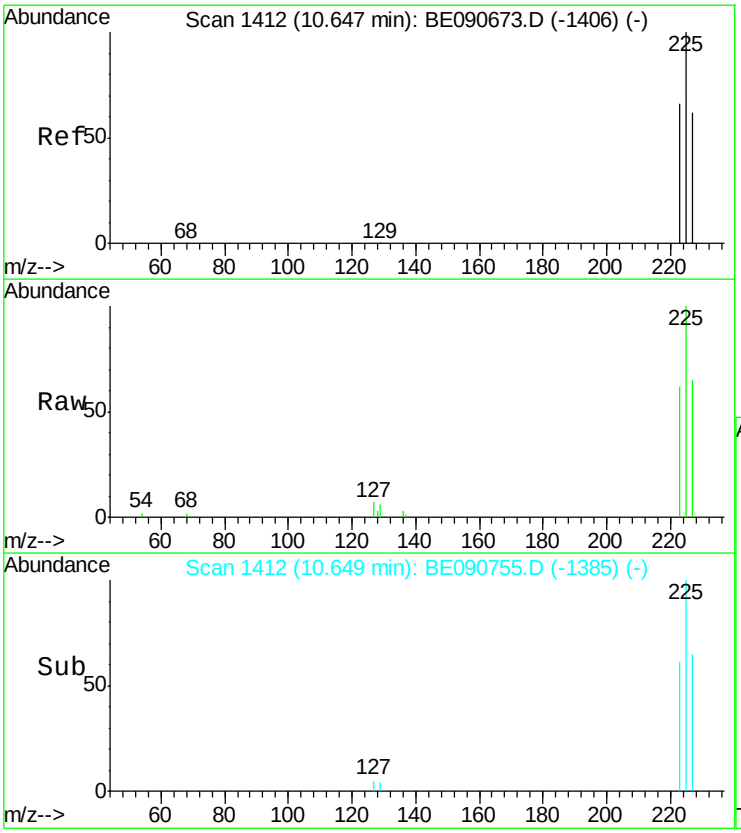
#9
Naphthalene
Concen: 1.01 ng
RT: 10.36 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 66562

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.6	15.8

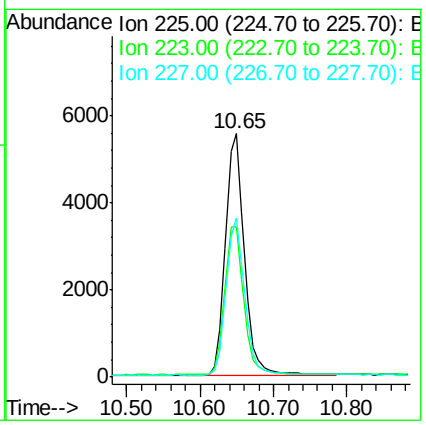


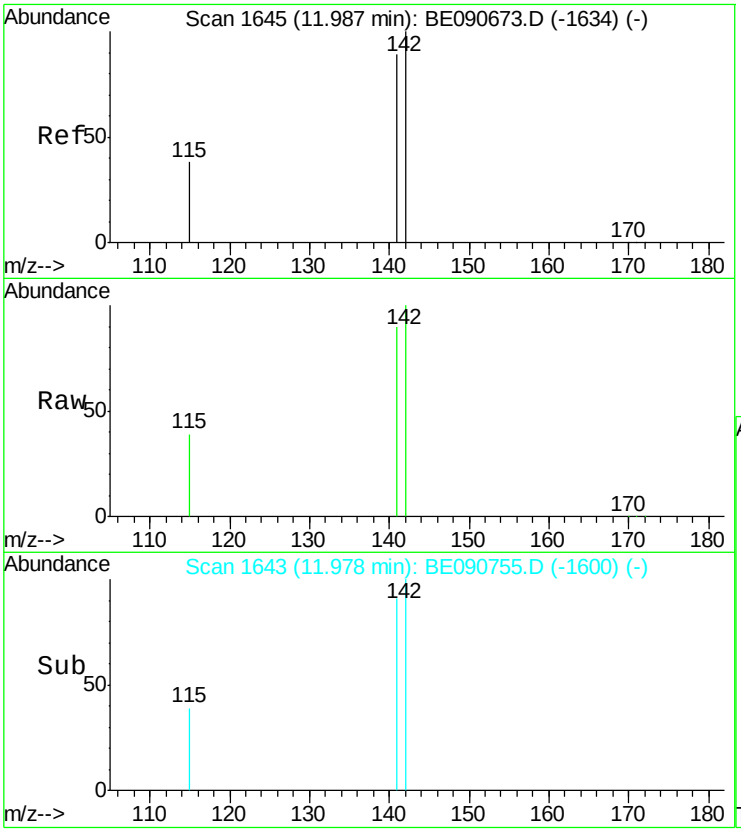


#10
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:225 Resp: 9901

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.2	51.0	76.6



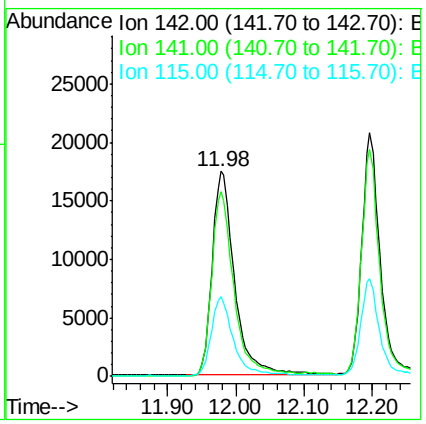


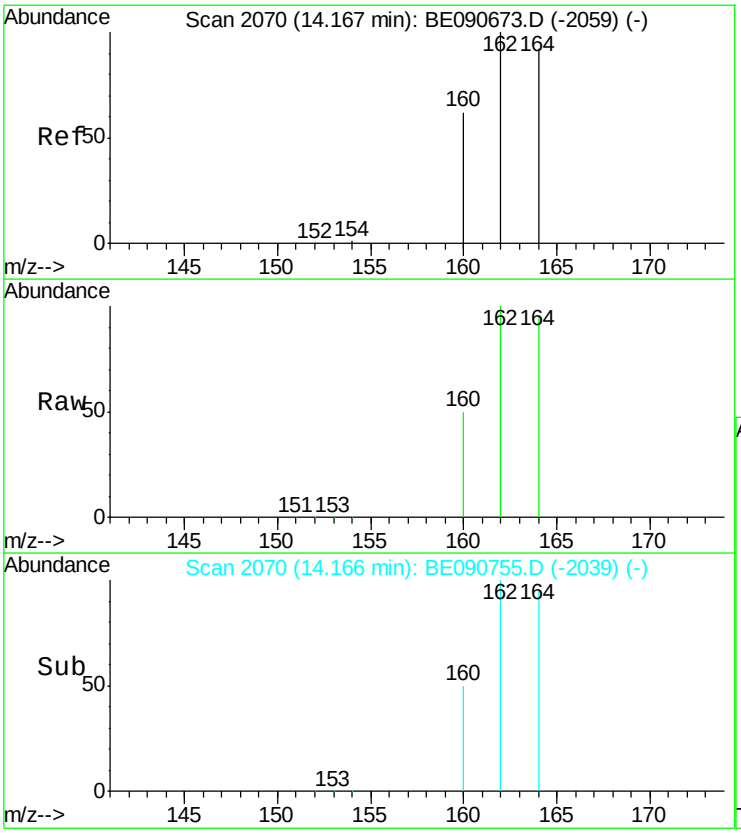
#11
2-Methylnaphthalene
Concen: 1.13 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 40139

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	38.9	31.0	46.4

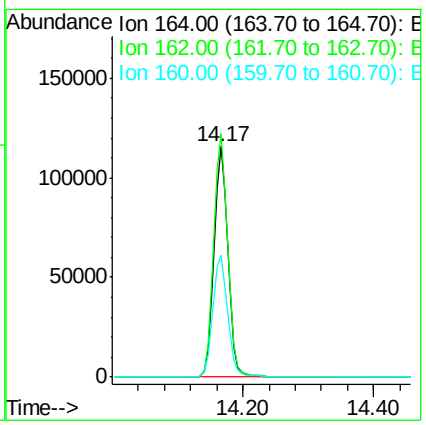


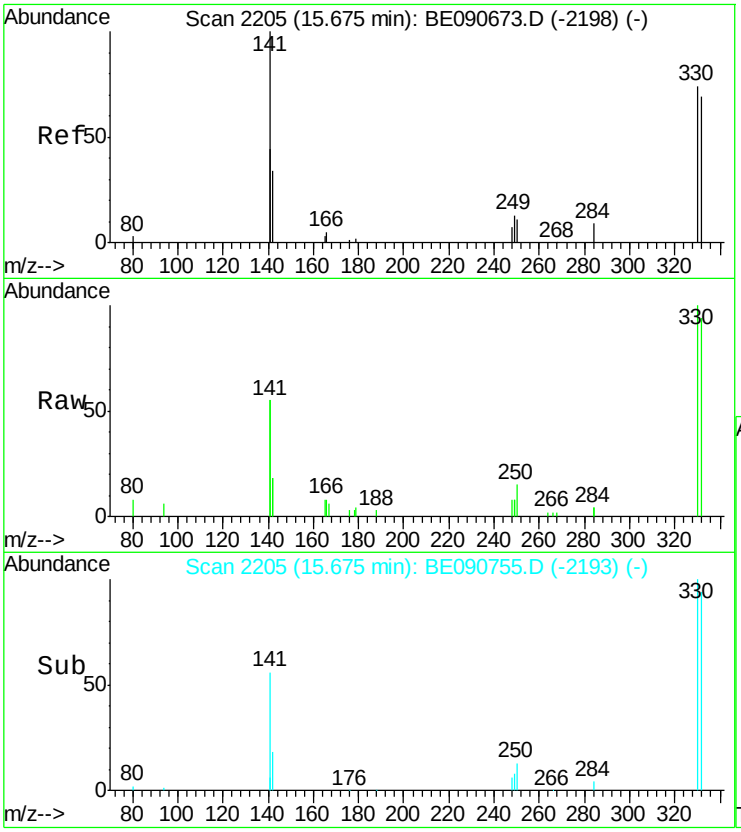


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:164 Resp: 170685

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.8	130.2
160	52.9	53.9	80.9#



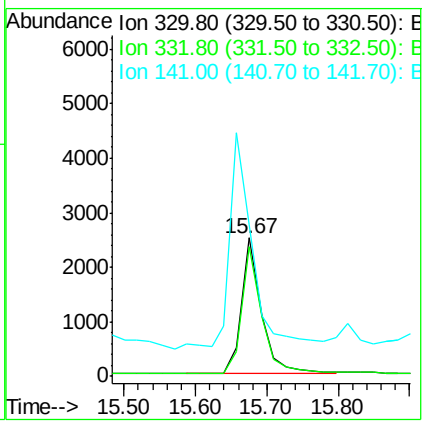


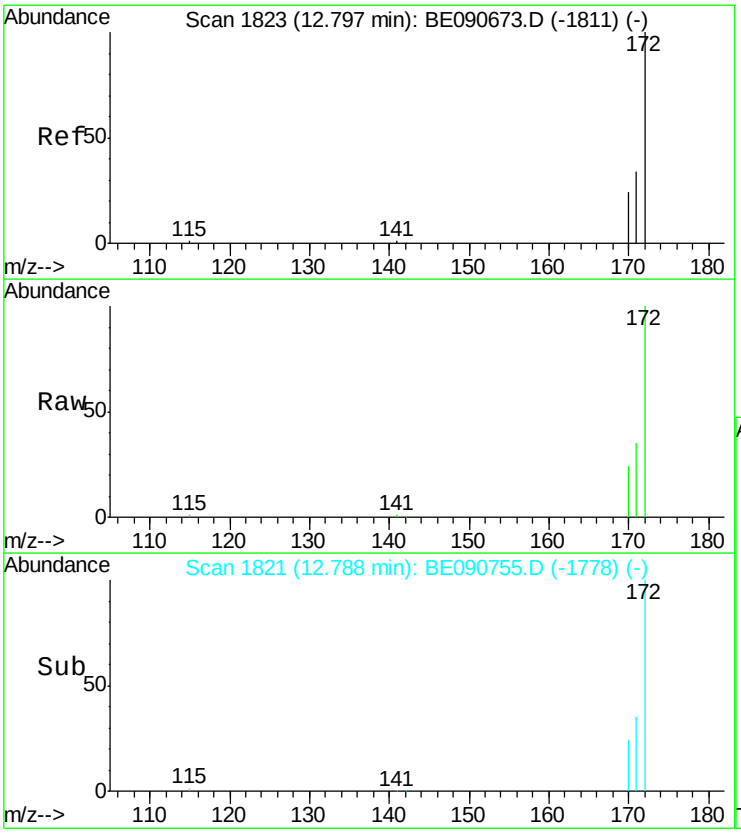
#13
2,4,6-Tribromophenol
Concen: 1.10 ng
RT: 15.67 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 4834

Ion	Ratio	Lower	Upper
330	100		
332	95.5	74.9	112.3
141	181.2	145.2	217.8

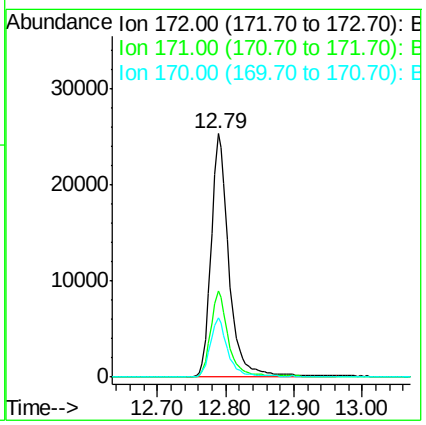


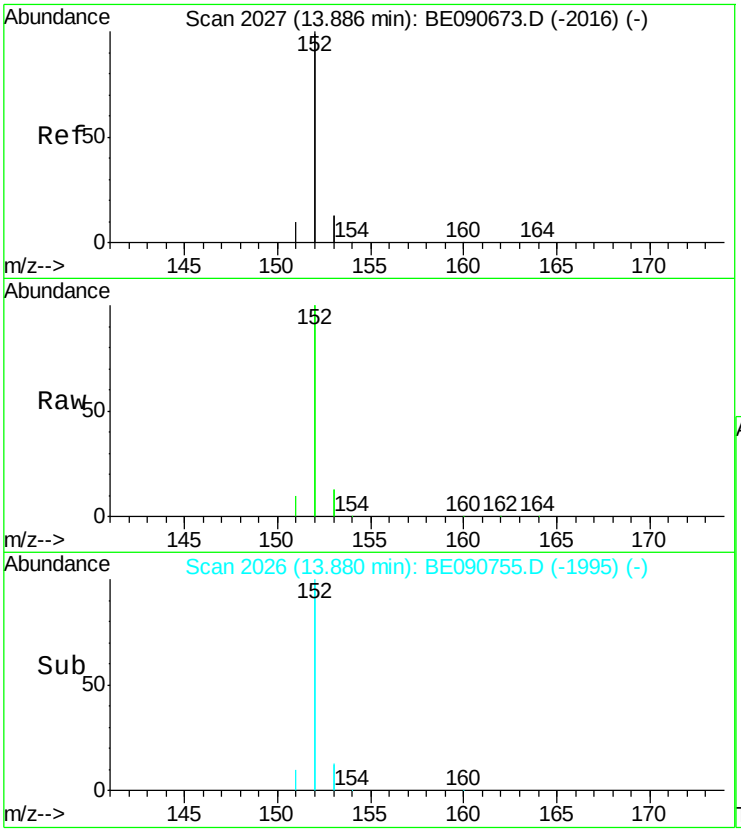


#14
2-Fluorobiphenyl
Concen: 0.97 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:172 Resp: 45766

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.2	19.8	29.6



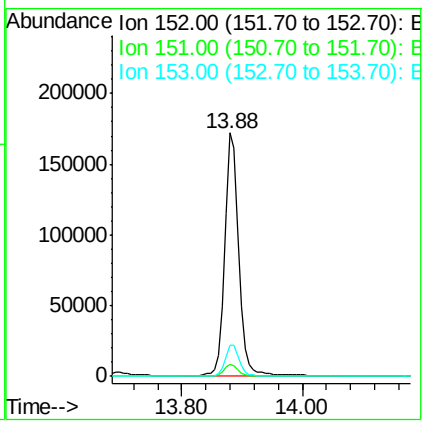


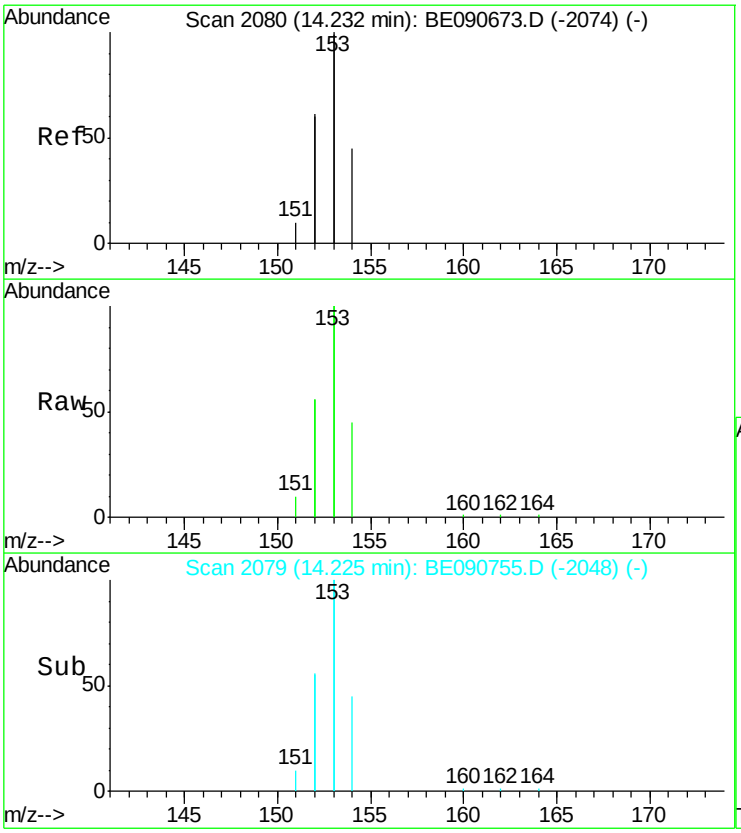
#15
Acenaphthylene
Concen: 1.03 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 281459

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

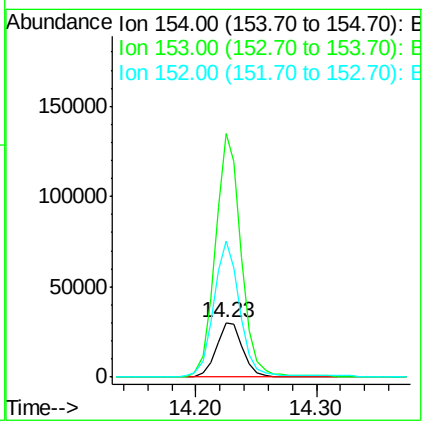


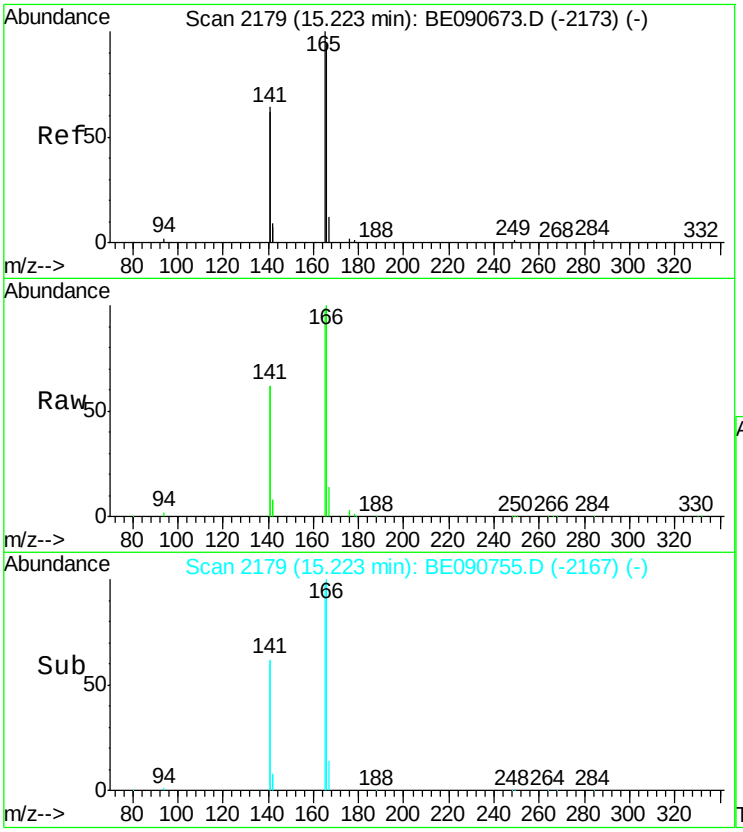


#16
Acenaphthene
Concen: 1.00 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:154 Resp: 45474

Ion	Ratio	Lower	Upper
154	100		
153	441.1	354.5	531.7
152	248.9	227.8	341.6



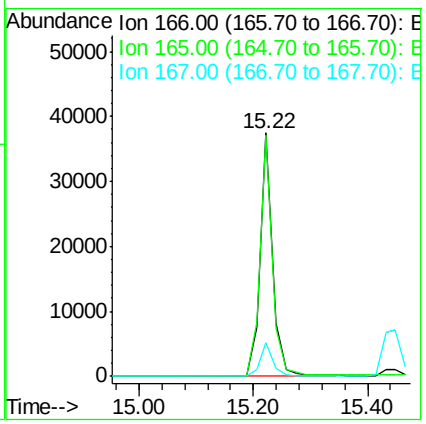


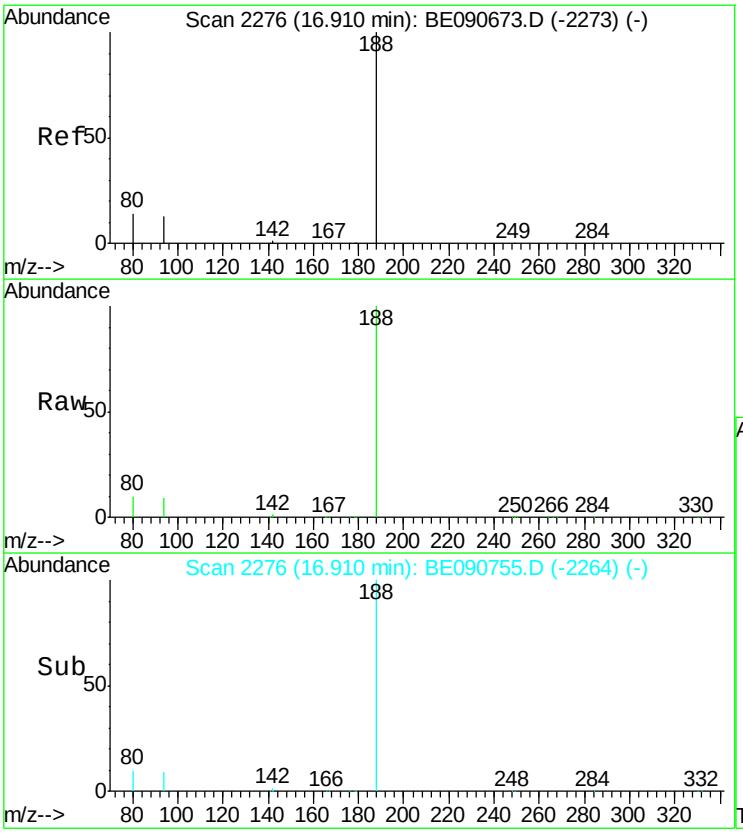
#17
Fluorene
Concen: 1.01 ng
RT: 15.22 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 57558

Ion	Ratio	Lower	Upper
166	100		
165	99.4	82.7	124.1
167	14.0	10.7	16.1

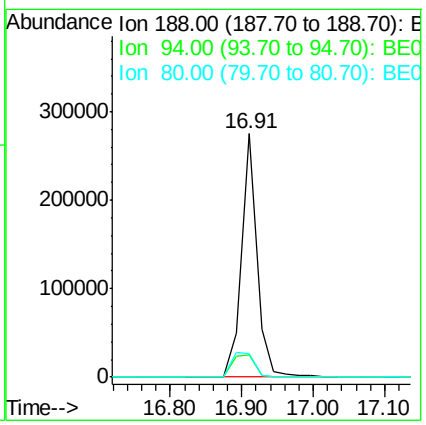


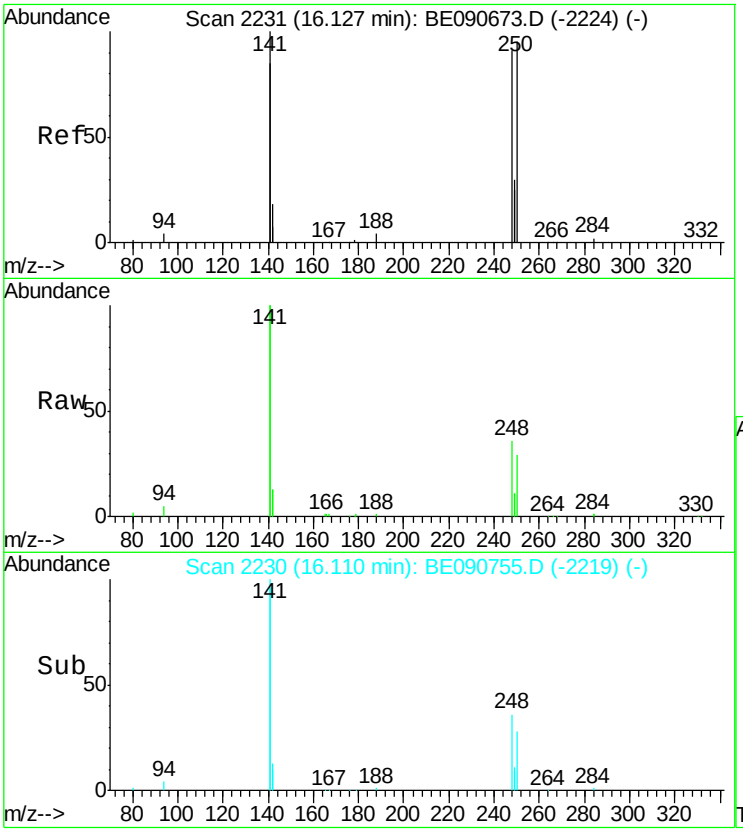


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:188 Resp: 408731

Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.3	15.5#
80	9.9	11.0	16.6#



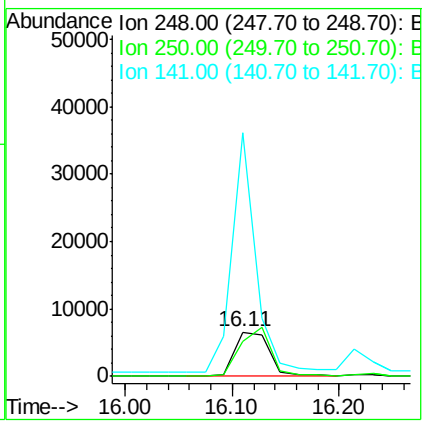


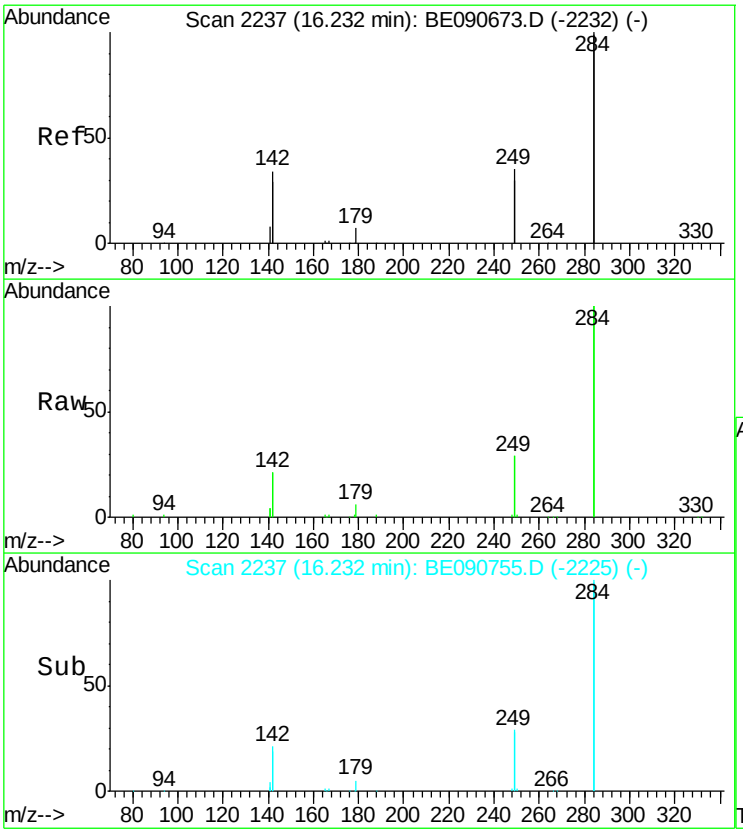
#19
4-Bromophenyl-phenylether
Concen: 1.03 ng
RT: 16.11 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 14400

Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.7	115.1
141	370.5	292.6	439.0

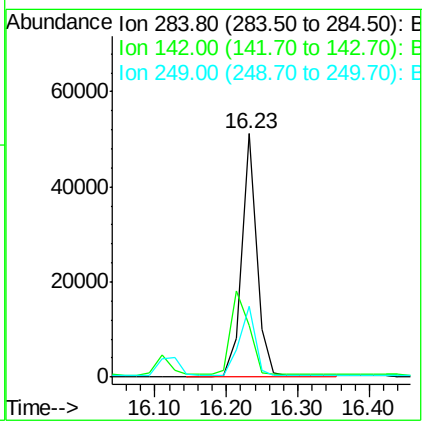


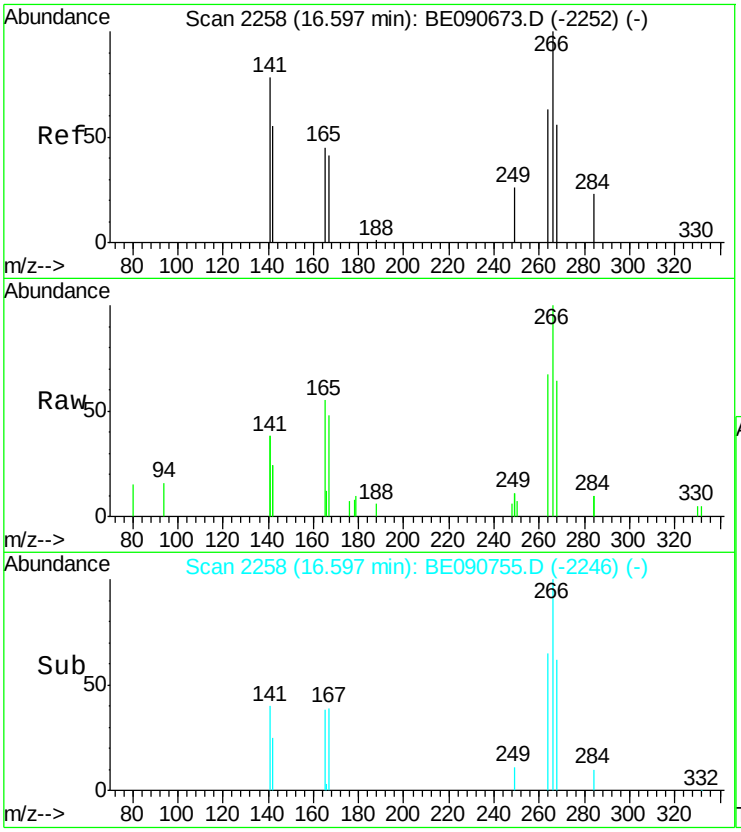


#20
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:284 Resp: 73156

Ion	Ratio	Lower	Upper
284	100		
142	42.3	35.0	52.4
249	31.2	25.5	38.3



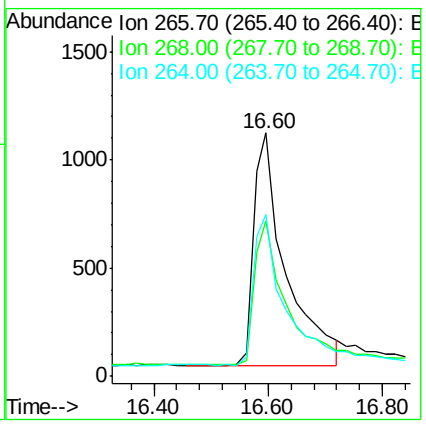


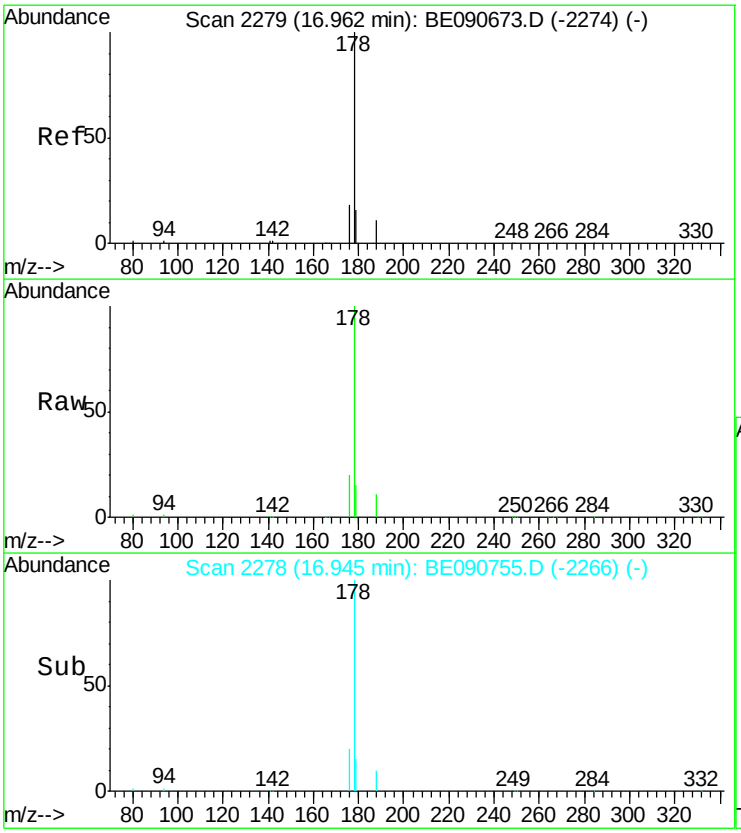
#21
Pentachlorophenol
Concen: 1.16 ng
RT: 16.60 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 4203

Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.6	74.4
264	66.6	53.9	80.9

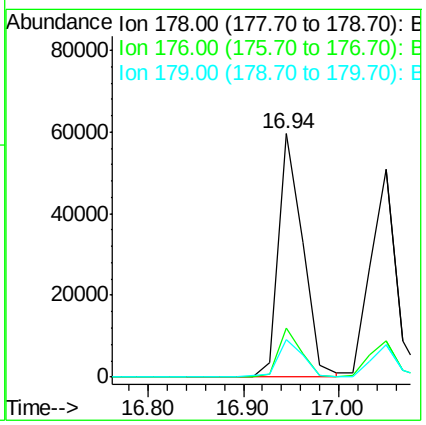


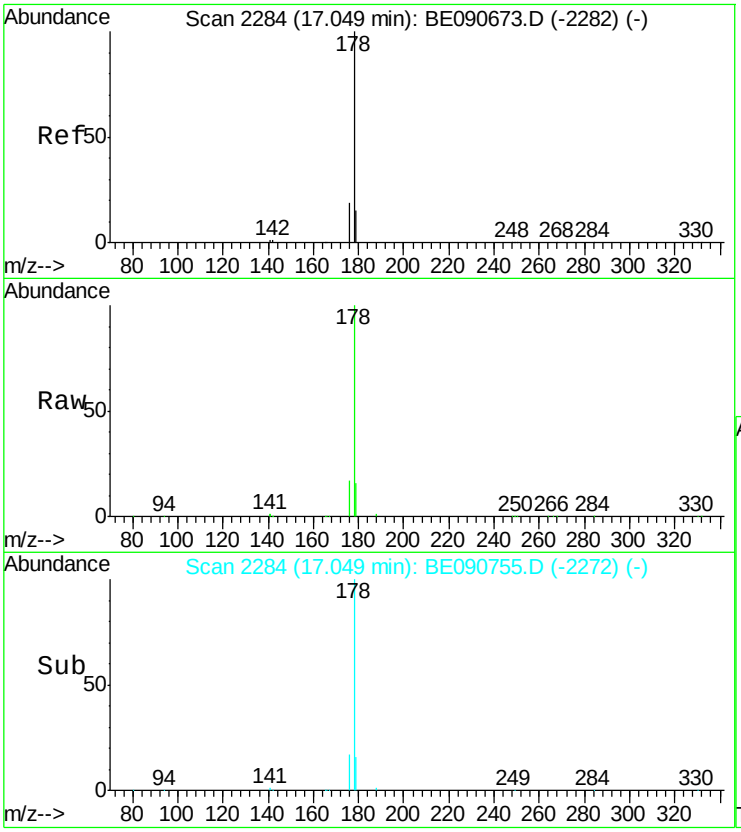


#22
Phenanthrene
Concen: 1.03 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:178 Resp: 104116

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.9	12.8	19.2



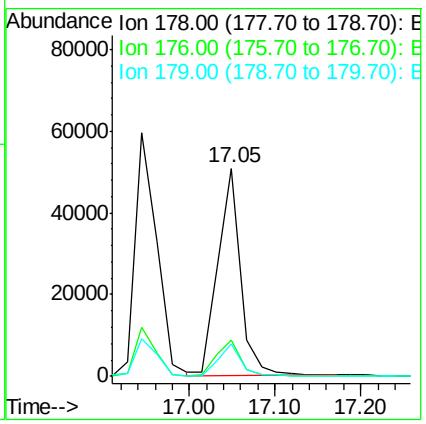


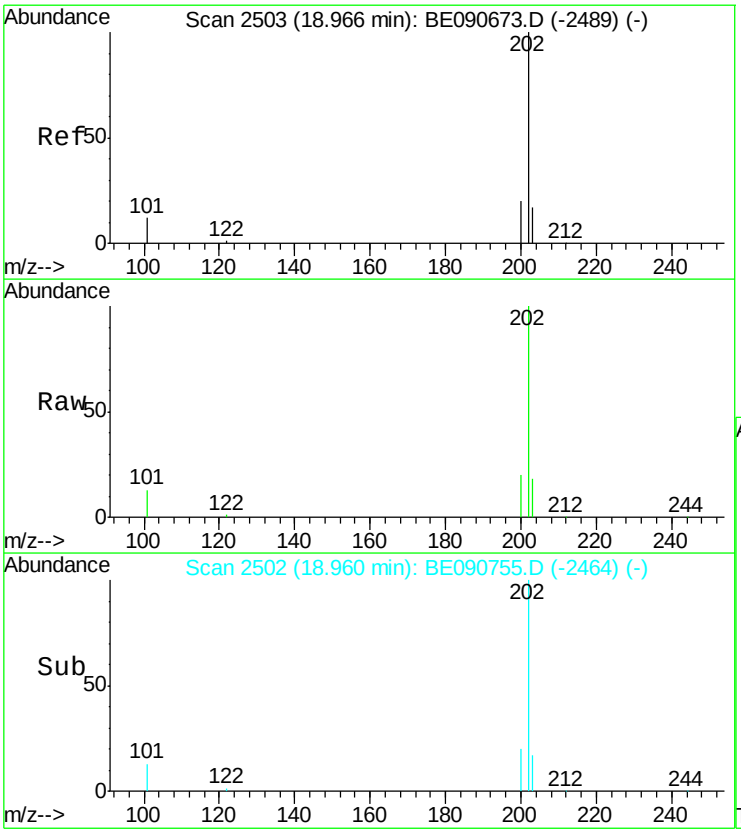
#23
Anthracene
Concen: 1.11 ng
RT: 17.05 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 94104

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

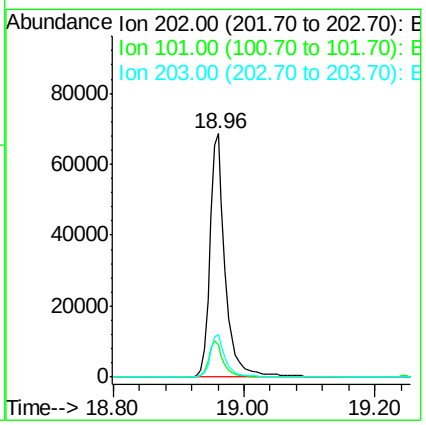


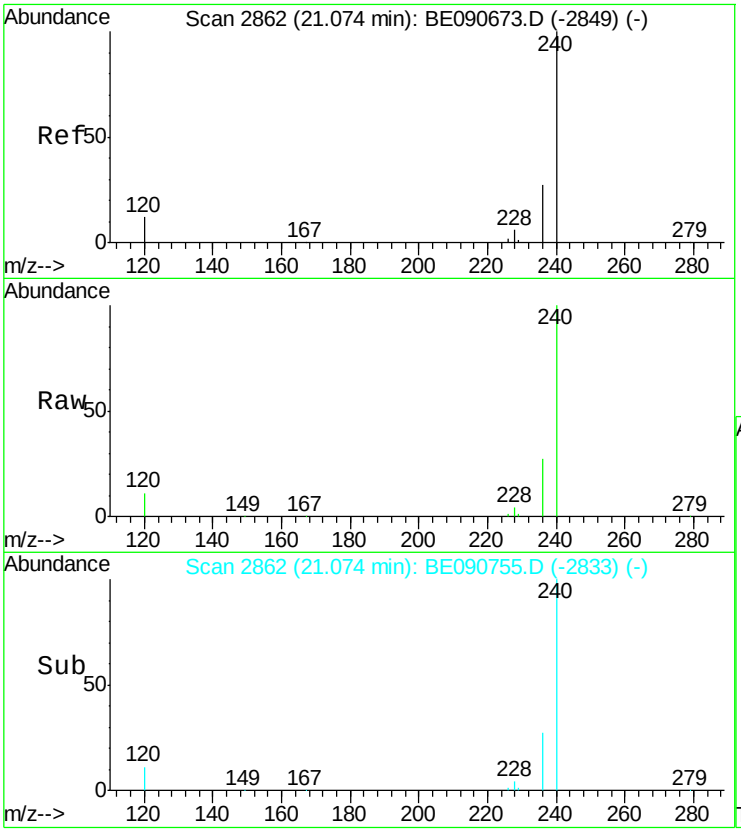


#24
Fluoranthene
Concen: 1.03 ng
RT: 18.96 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:202 Resp: 109921

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.6
203	17.3	13.9	20.9



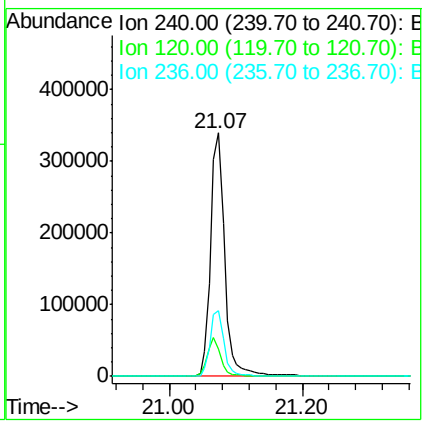


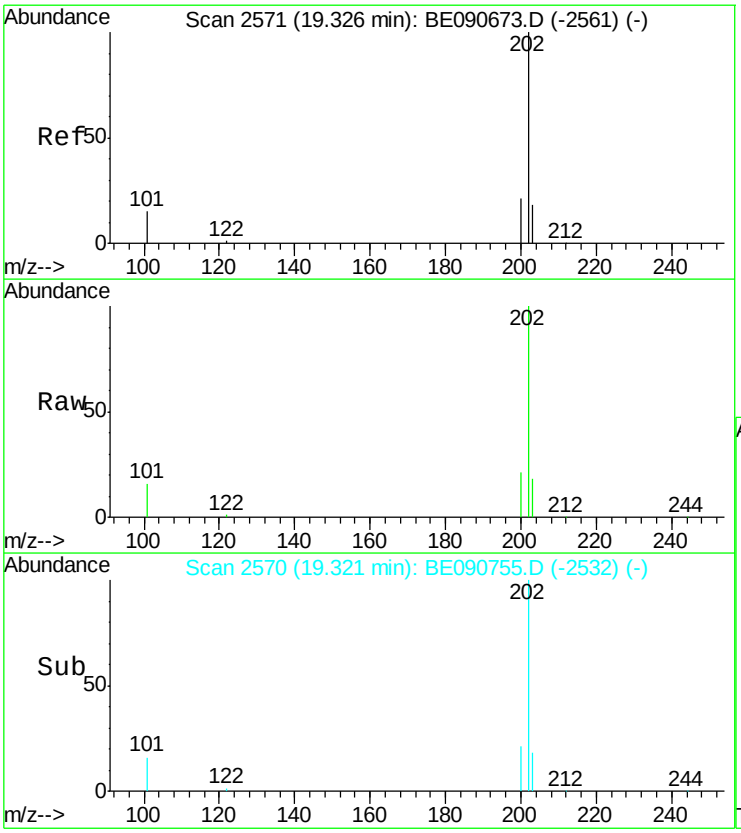
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 492339

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.1	15.1
236	27.2	21.9	32.9

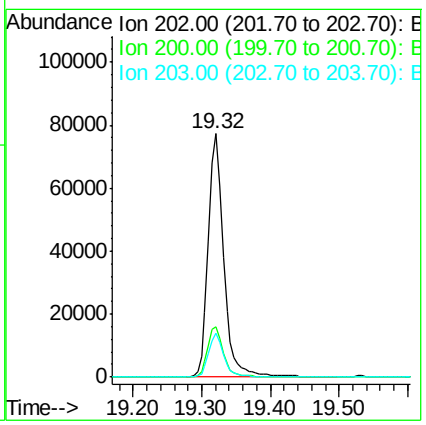


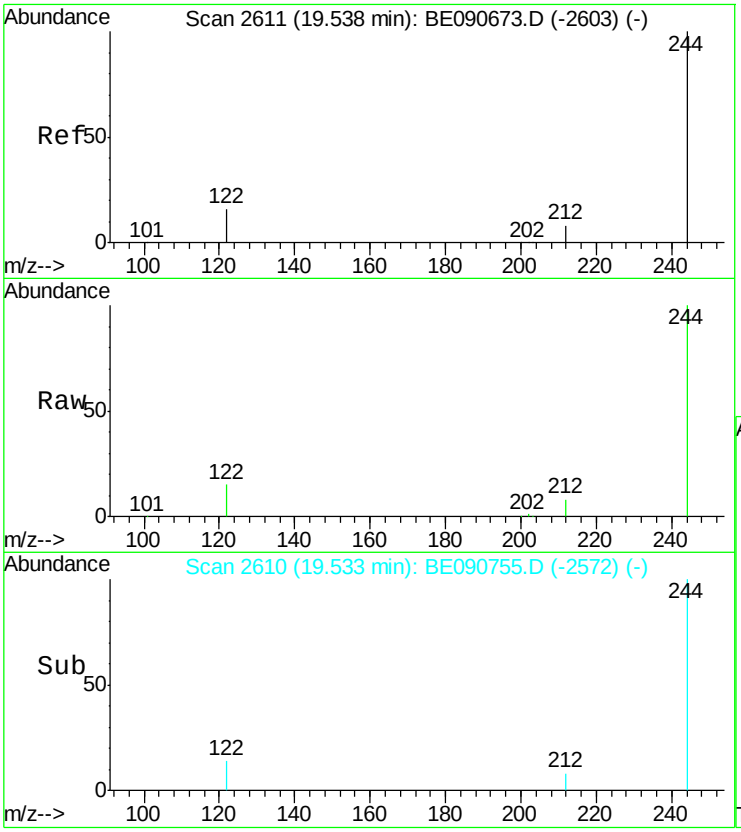


#26
Pyrene
Concen: 1.17 ng
RT: 19.32 min Scan# 2570
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:202 Resp: 118892

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.5	13.8	20.6



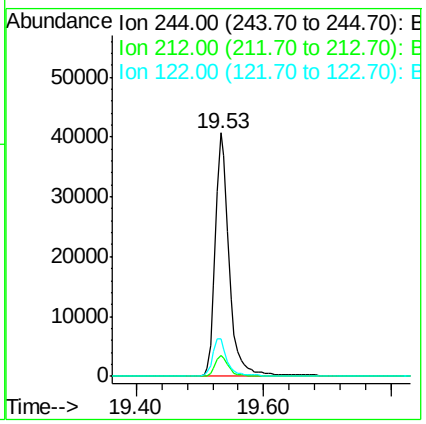


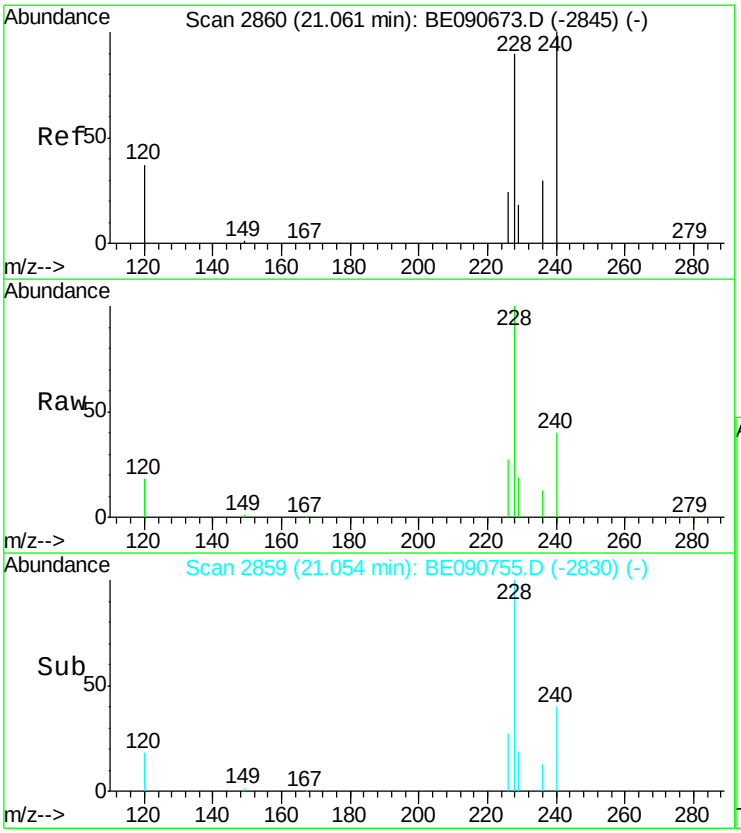
#27
Terphenyl-d14
Concen: 1.12 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 60924

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	15.2	12.9	19.3

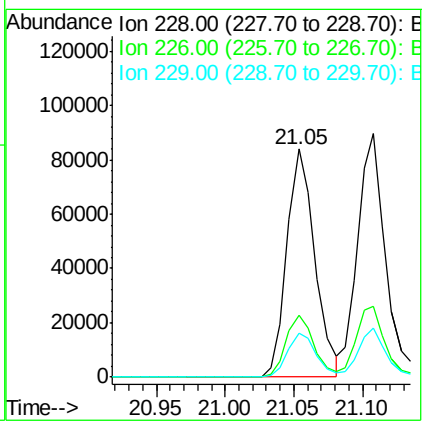


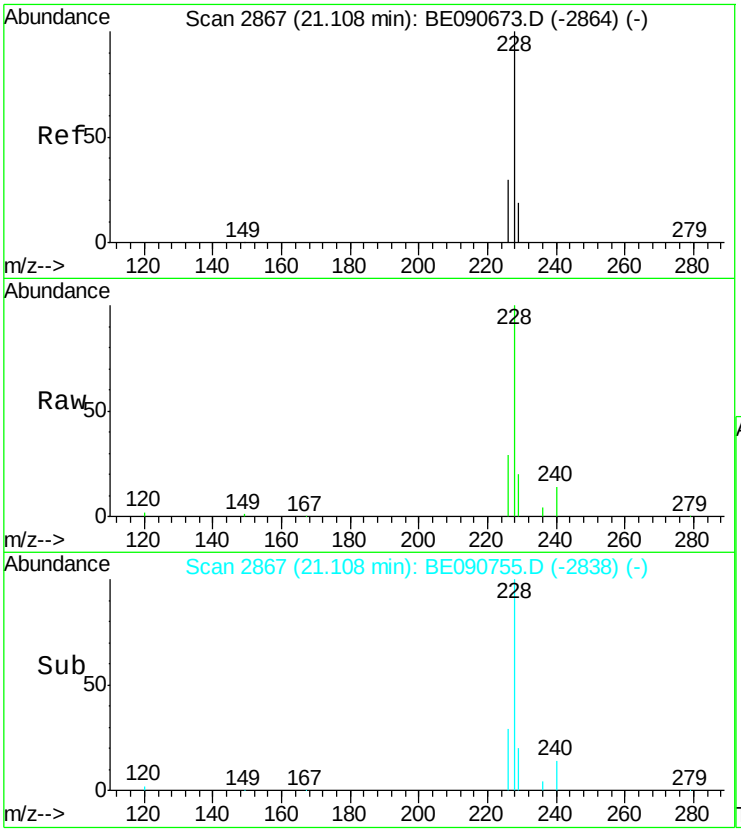


#28
Benzo(a)anthracene
Concen: 1.09 ng
RT: 21.05 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:228 Resp: 118471

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.5	15.9	23.9



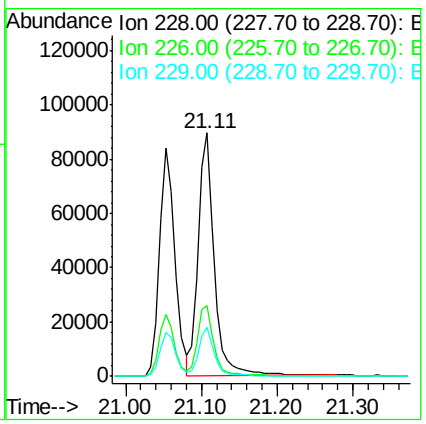


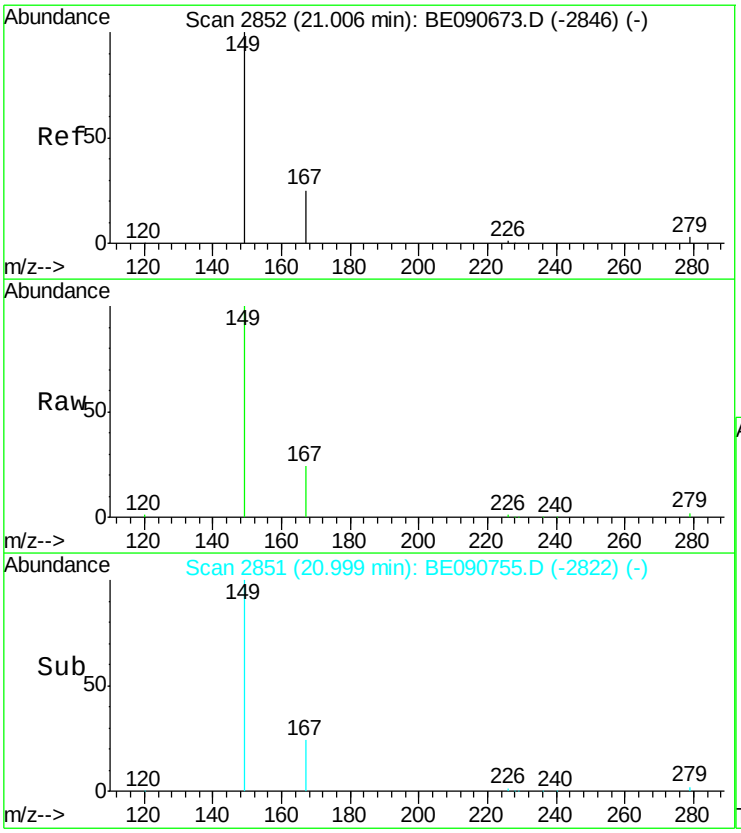
#29
Chrysene
Concen: 1.10 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 131652

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	20.1	15.3	22.9

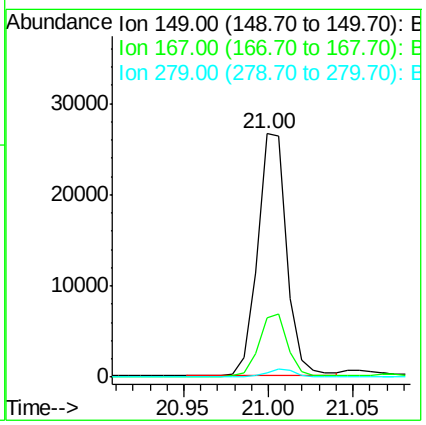


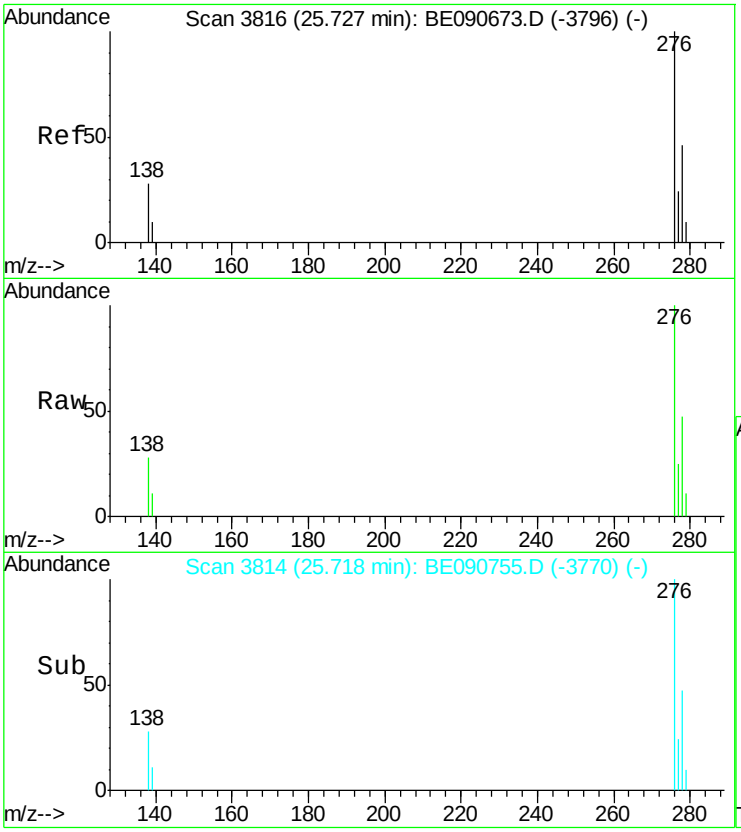


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.11 ng
RT: 21.00 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:149 Resp: 31484

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.1	30.1
279	2.9	2.3	3.5



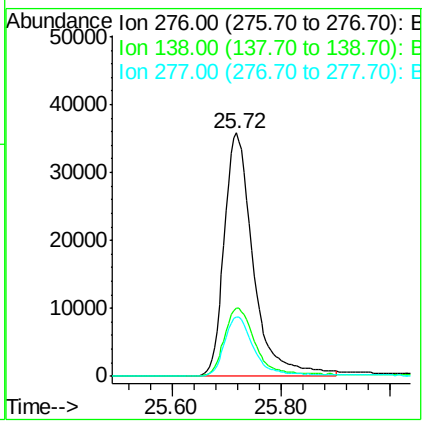


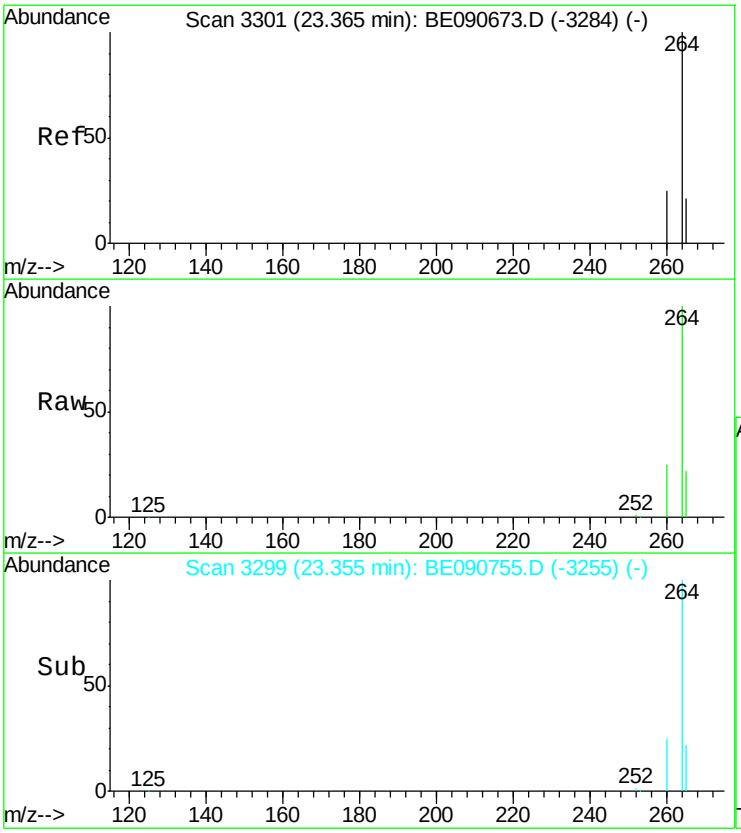
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.13 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 131877

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.3	34.9
277	24.2	19.8	29.6

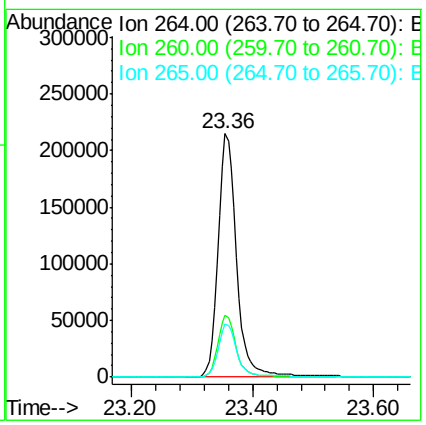


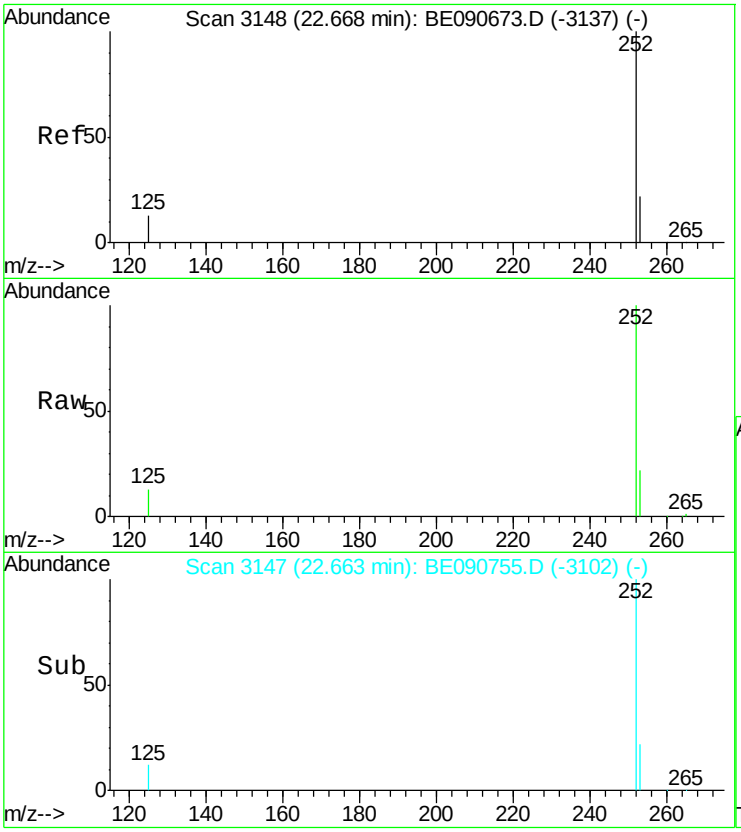


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:264 Resp: 456660

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.8	17.5	26.3



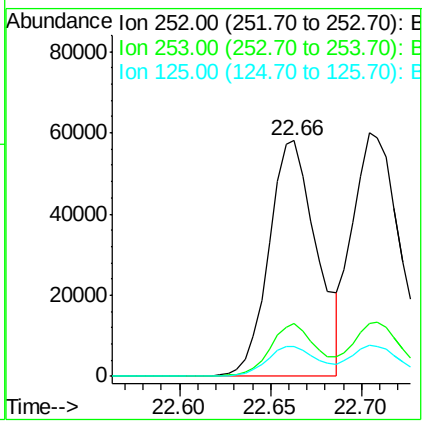


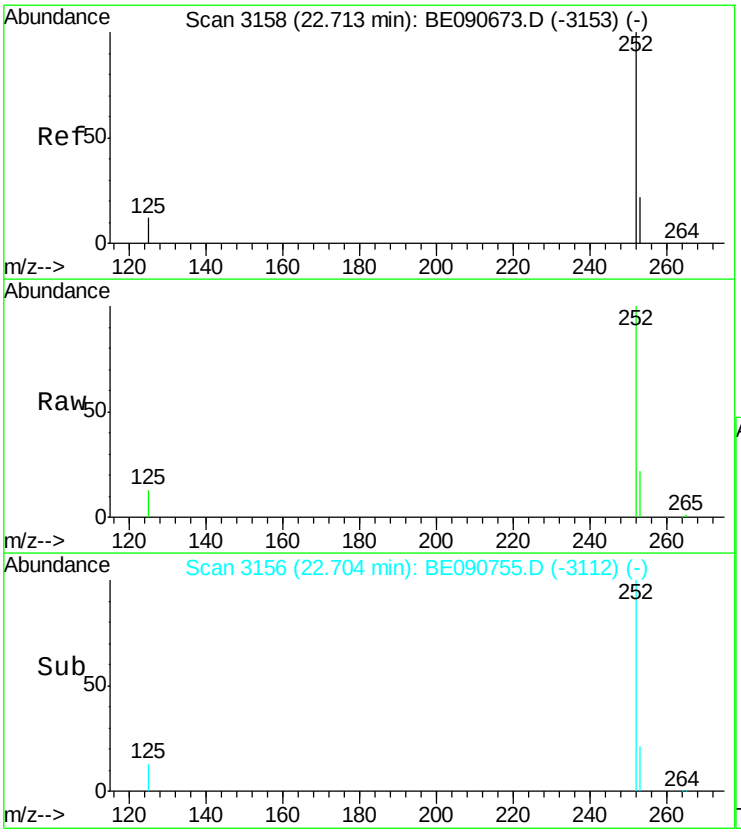
#33
Benzo(b)fluoranthene
Concen: 1.07 ng
RT: 22.66 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 105652

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.5	10.6	16.0

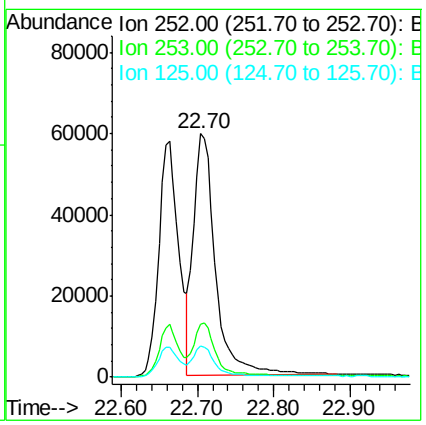


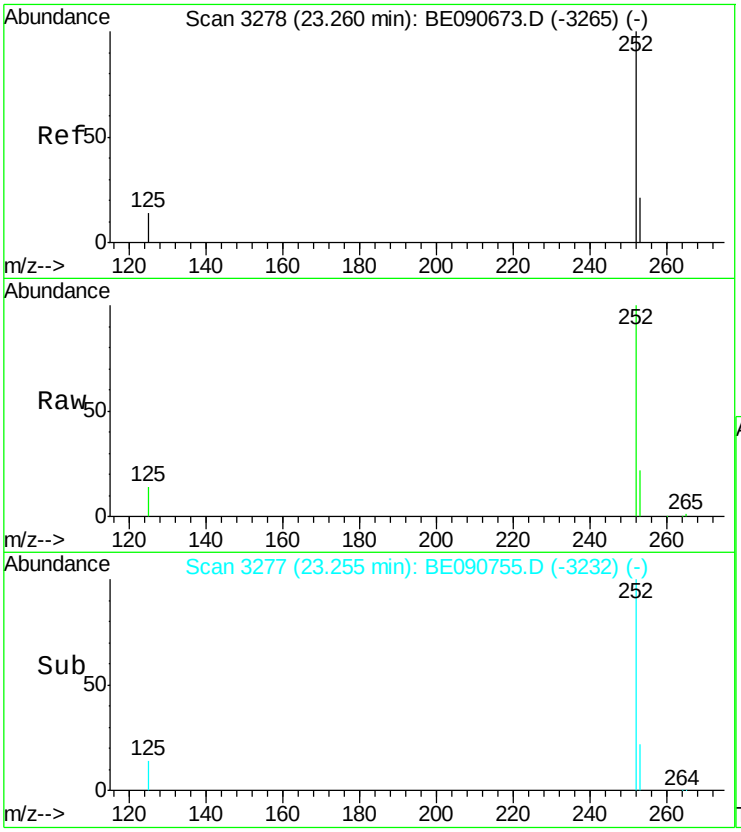


#34
Benzo(k)fluoranthene
Concen: 1.04 ng
RT: 22.70 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:252 Resp: 119622

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



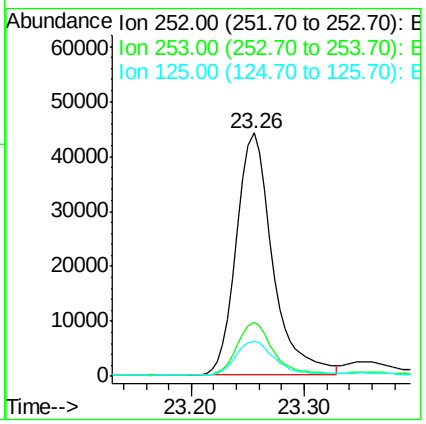


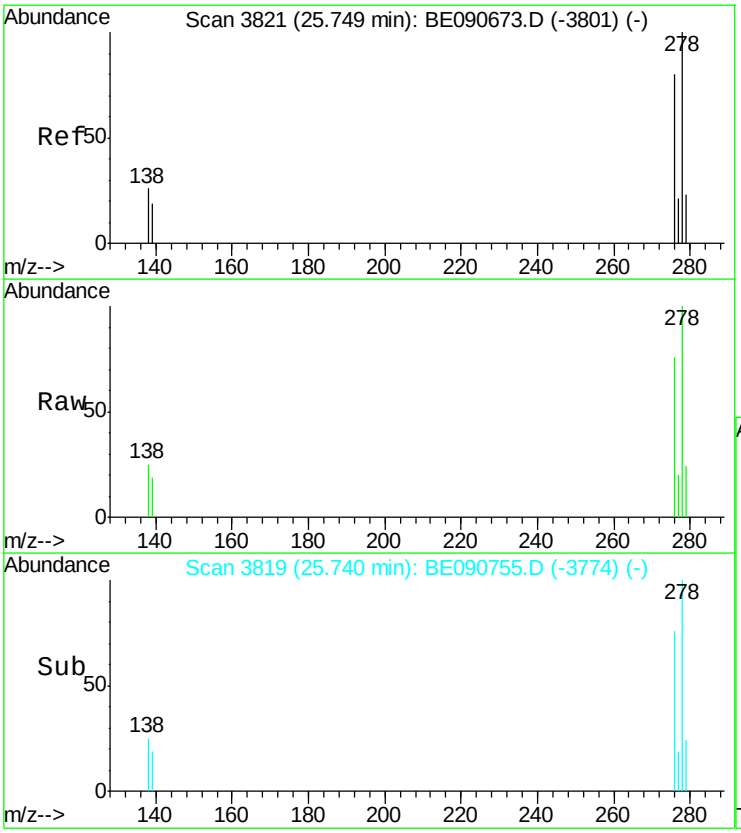
#35
Benzo(a)pyrene
Concen: 1.08 ng
RT: 23.26 min Scan# 3277
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 95833

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.3	11.6	17.4

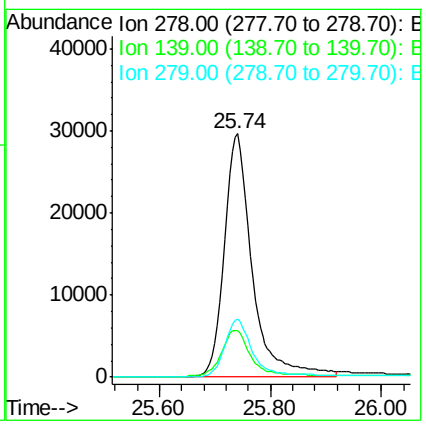


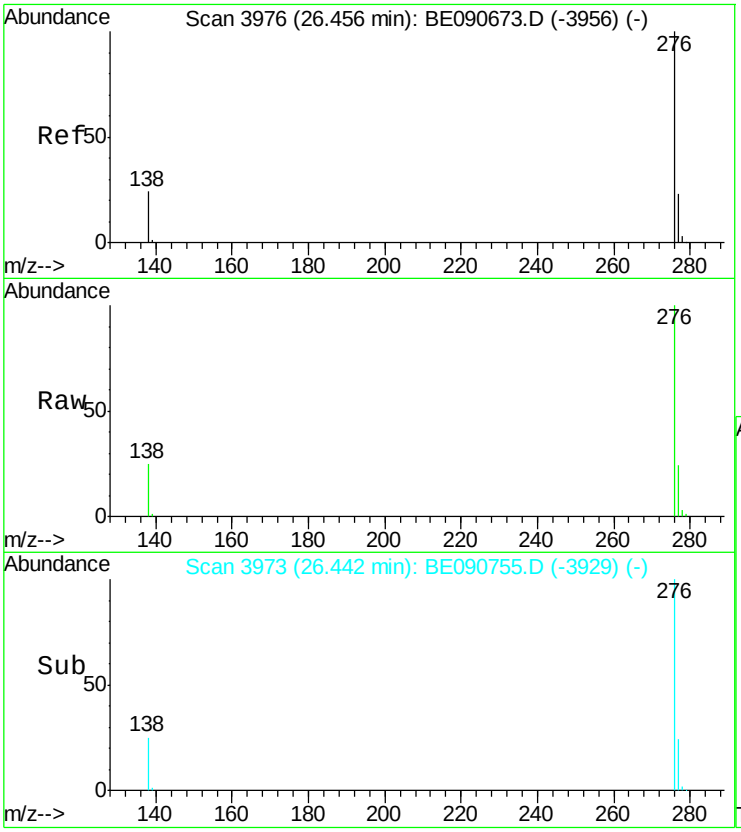


#36
Dibenzo(a,h)anthracene
Concen: 1.06 ng
RT: 25.74 min Scan# 3819
Delta R.T. 0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Tgt Ion:278 Resp: 102623

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.0
279	23.8	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 1.02 ng
RT: 26.44 min Scan# 3973
Delta R.T. -0.00 min
Lab File: BE090755.D
Acq: 8 Sep 2015 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 104242

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	25.4	20.1	30.1