Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090569.D
Acq On : 19 Aug 2015 00:22
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Aug 19 02:37:15 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	25036	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	126344	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	69031	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	147665	5.00	ng		0.00
25) Chrysene-d12	21.09	240	144159	5.00	ng		0.00
32) Perylene-d12	23.39	264	131946	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	7555	1.04	ng		0.01
5) Phenol-d6	6.78	99	10702	1.01	ng		0.00
7) Nitrobenzene-d5	8.73	82	9777	0.97	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2579	0.97	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	20667	1.00	ng		0.00
27) Terphenyl-d14	19.55	244	26677	1.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3245	1.08	ng		92
3) n-Nitrosodimethylamine	3.49	42	4133	0.96	ng	#	75
8) Nitrobenzene	8.77	77	9900	0.95	ng		96
9) Naphthalene	10.38	128	28248	0.98	ng		98
10) Hexachlorobutadiene	10.68	225	4178	0.99	ng		99
11) 2-Methylnaphthalene	12.00	142	18613	1.00	ng		98
15) Acenaphthylene	13.91	152	125485	1.00	ng		100
16) Acenaphthene	14.25	154	18801	0.99	ng	#	78
17) Fluorene	15.24	166	22928	0.99	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	6091	1.01	ng		77
20) Hexachlorobenzene	16.25	284	27233	1.02	ng		97
21) Pentachlorophenol	16.61	266	2076	0.91	ng		91
22) Phenanthrene	16.98	178	37818	0.98	ng		100
23) Anthracene	17.07	178	35271	0.99	ng		100
24) Fluoranthene	18.98	202	40010	0.97	ng		99
26) Pyrene	19.34	202	41290	1.00	ng		100
28) Benzo(a)anthracene	21.07	228	36801	0.97	ng		99
29) Chrysene	21.13	228	38463	0.99	ng		98
30) Bis(2-ethylhexyl)phthalate	21.02	149	20694	1.03	ng		97
31) Indeno(1,2,3-cd)pyrene	25.78	276	35046	0.96	ng	#	93
33) Benzo(b)fluoranthene	22.69	252	30142	0.96	ng		99
34) Benzo(k)fluoranthene	22.74	252	36376	1.03	ng		98
35) Benzo(a)pyrene	23.29	252	28934	0.99	ng		97
36) Dibenzo(a,h)anthracene	25.79	278	26916	0.95	ng		96
37) Benzo(g,h,i)perylene	26.51	276	30475	0.99	ng		95

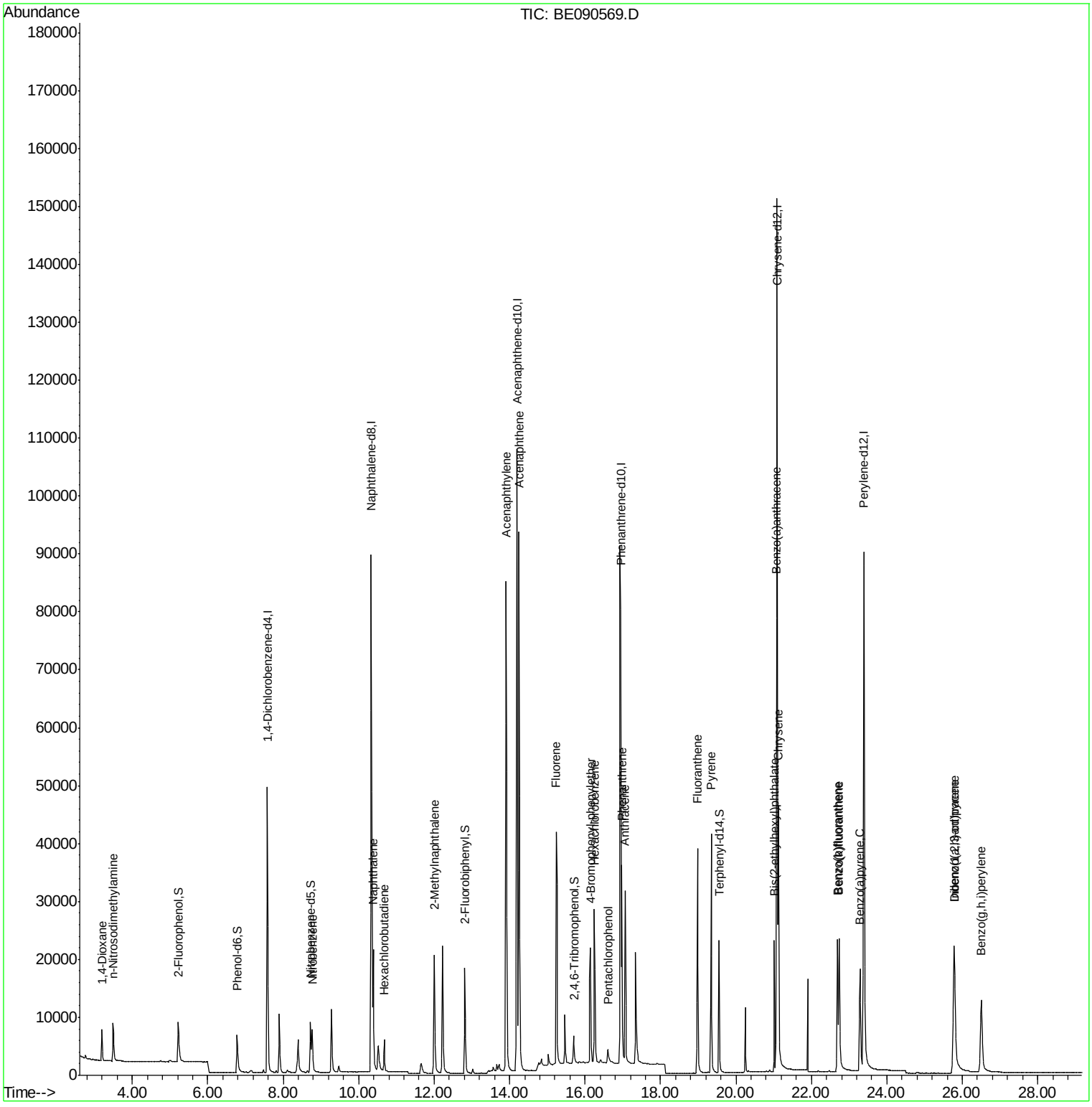
(#) = qualifier out of range (m) = manual integration (+) = signals summed

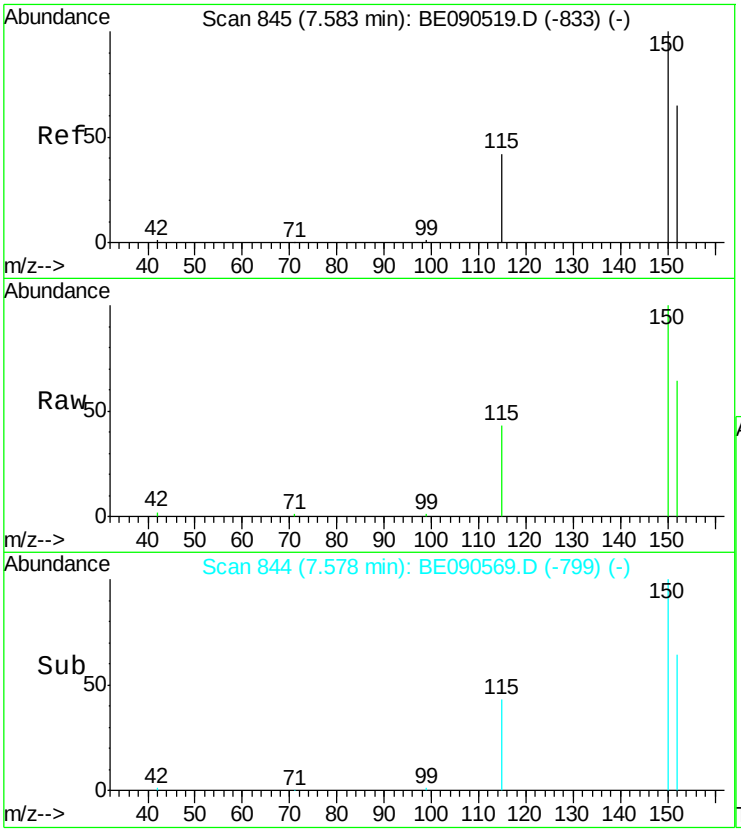
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090569.D
Acq On : 19 Aug 2015 00:22
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 19 02:37:15 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration



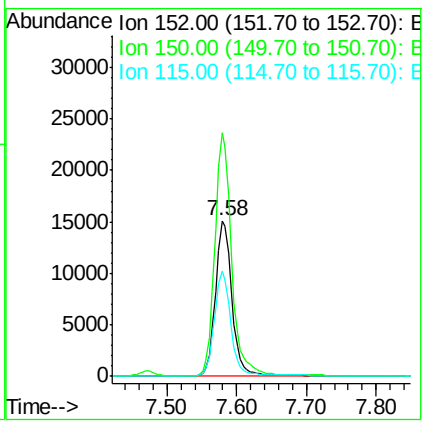


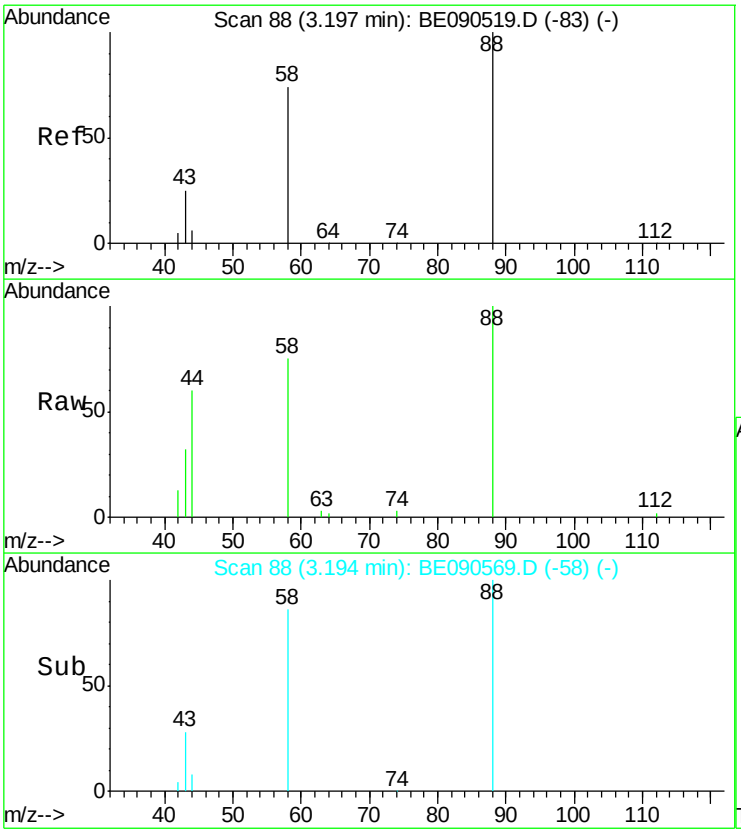
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 25036

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	68.0	48.9	73.3

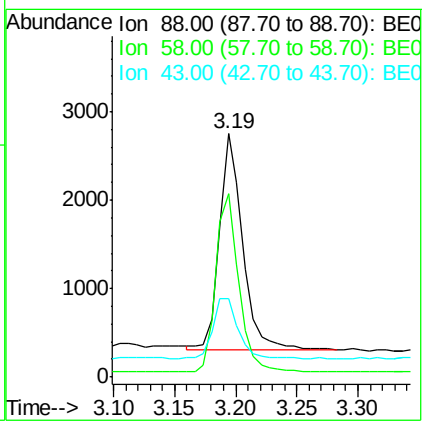


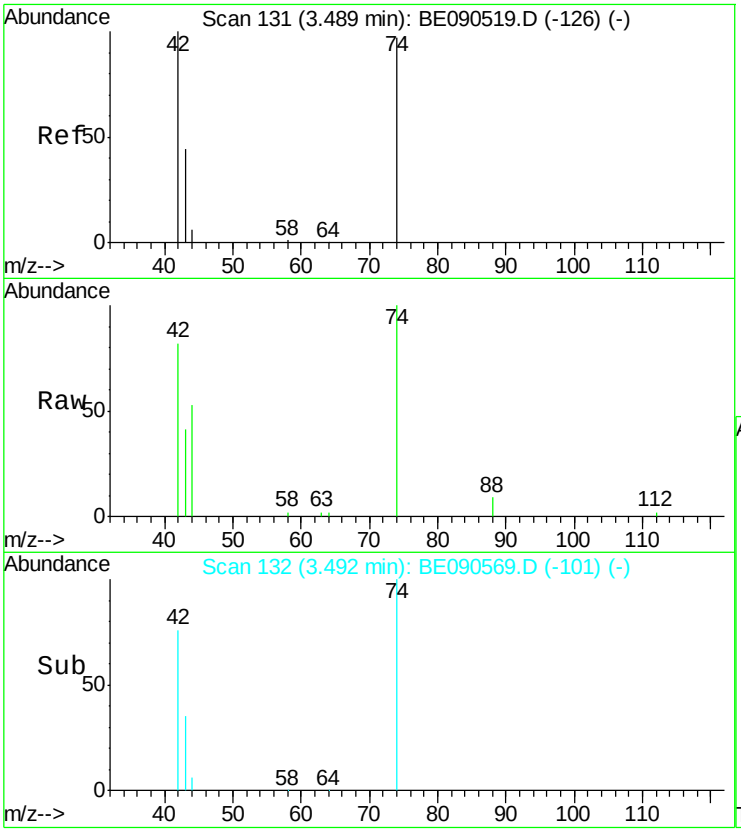


#2
1,4-Dioxane
Concen: 1.08 ng
RT: 3.19 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion: 88 Resp: 3245

Ion	Ratio	Lower	Upper
88	100		
58	80.9	70.0	105.0
43	30.2	28.4	42.6



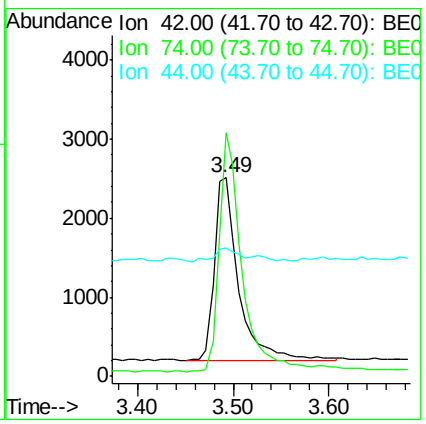


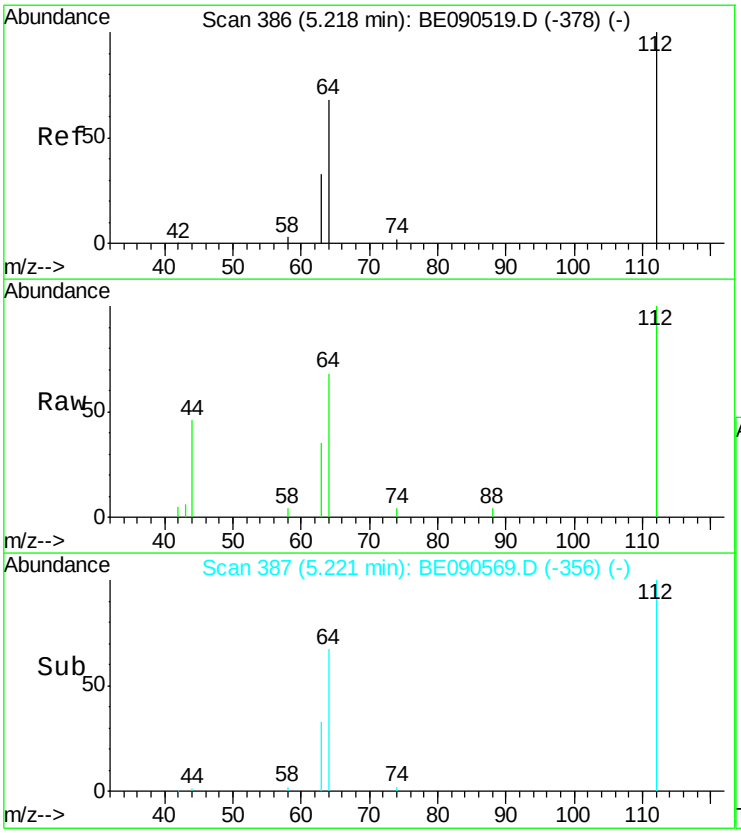
#3
n-Nitrosodimethylamine
Concen: 0.96 ng
RT: 3.49 min Scan# 132
Delta R.T. 0.01 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 4133

Ion	Ratio	Lower	Upper
42	100		
74	120.0	75.2	112.8#
44	7.5	8.7	13.1#

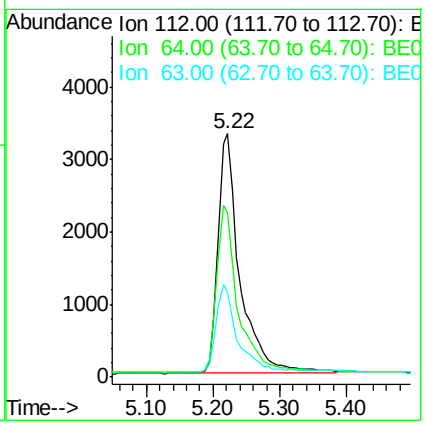


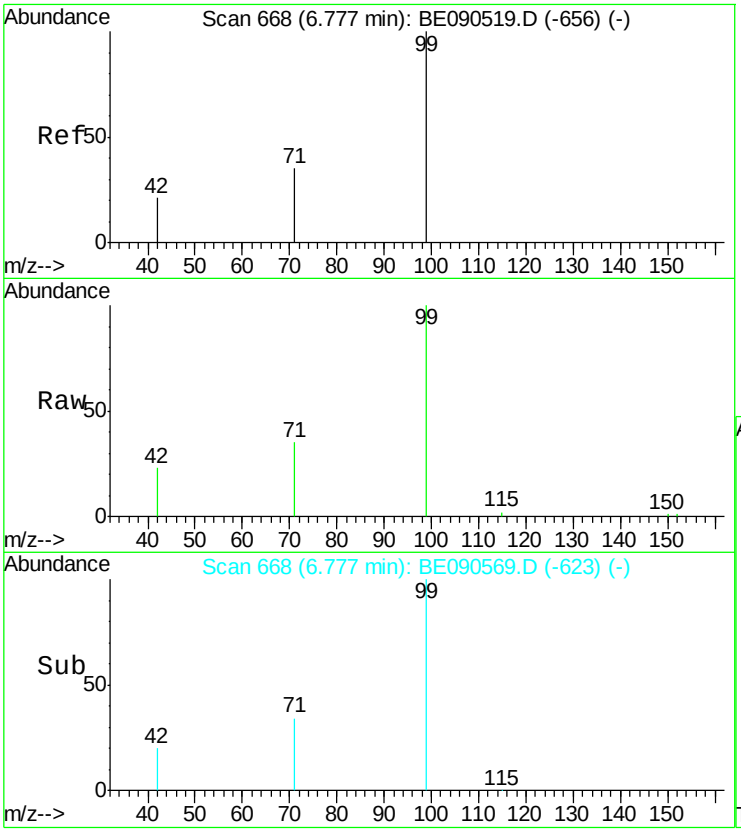


#4
2-Fluorophenol
Concen: 1.04 ng
RT: 5.22 min Scan# 387
Delta R.T. 0.01 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:112 Resp: 7555

Ion	Ratio	Lower	Upper
112	100		
64	68.8	37.1	55.7#
63	36.0	19.5	29.3#



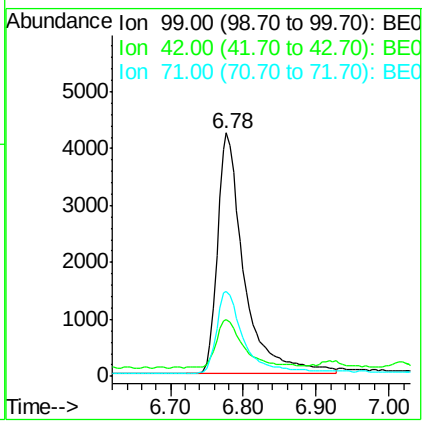


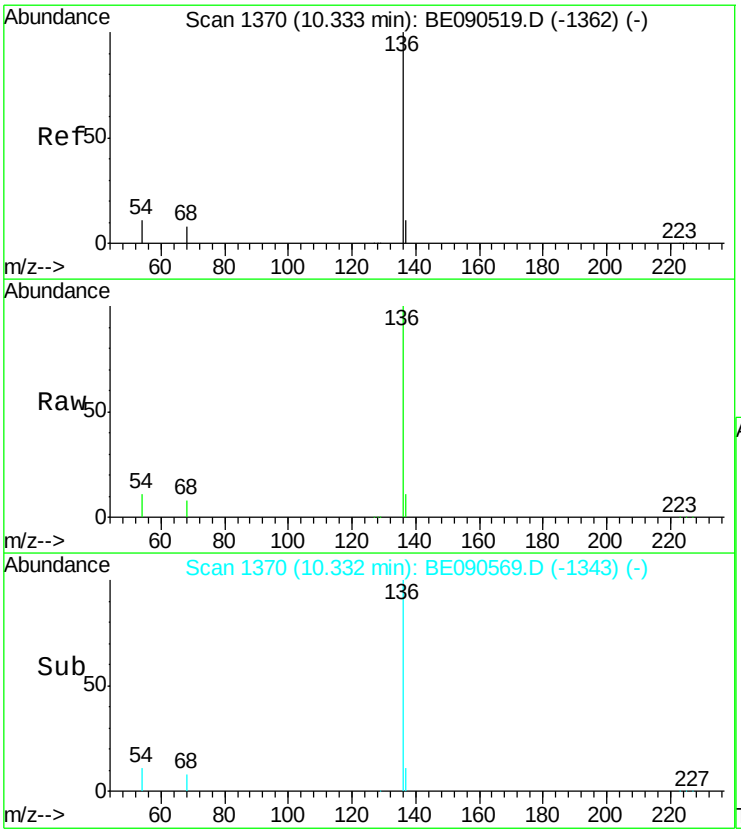
#5
Phenol-d6
Concen: 1.01 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 10702

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.4
71	35.3	27.4	41.0

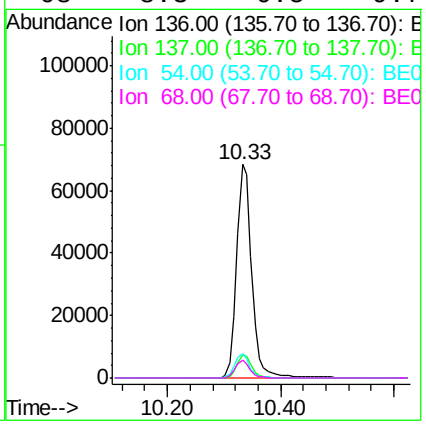


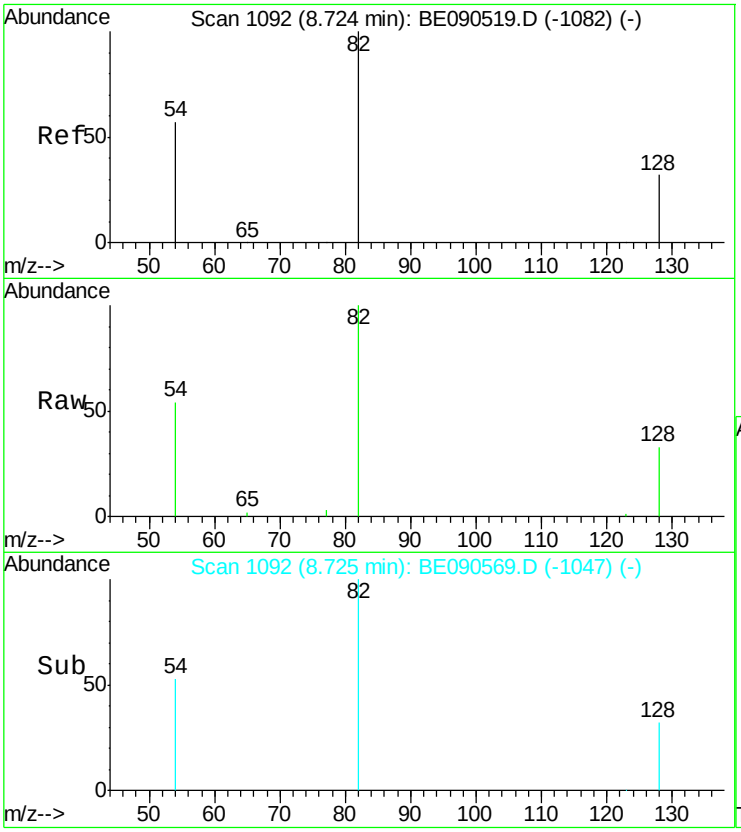


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:136 Resp: 126344

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.5	9.4	14.0
68	8.3	6.5	9.7



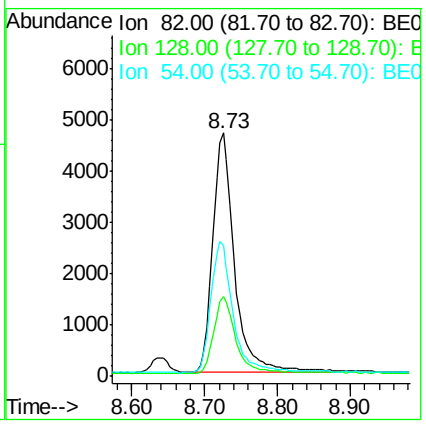


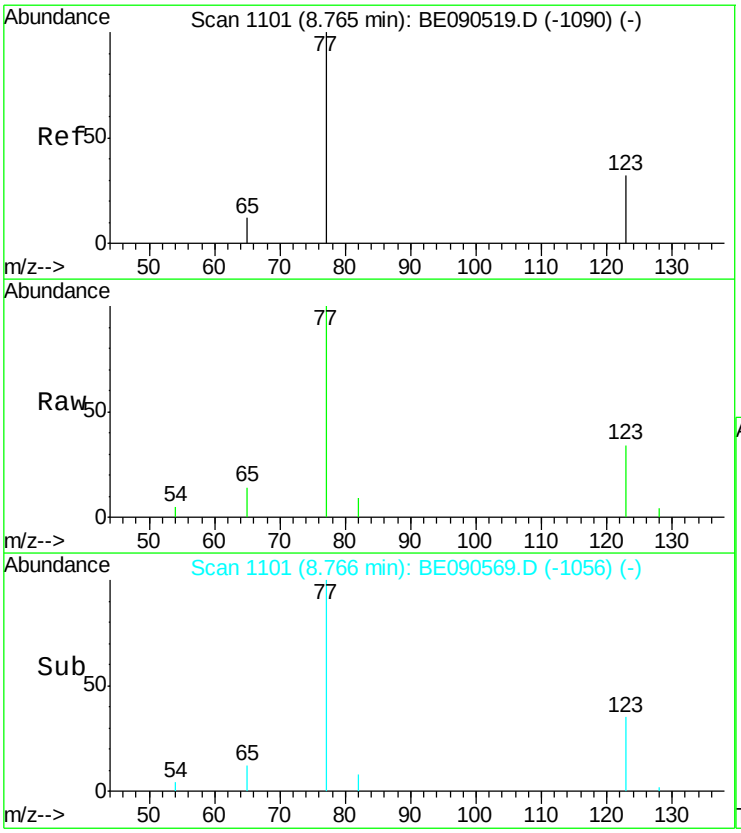
#7
Nitrobenzene-d5
Concen: 0.97 ng
RT: 8.73 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 9777

Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.0	37.6
54	53.8	48.8	73.2

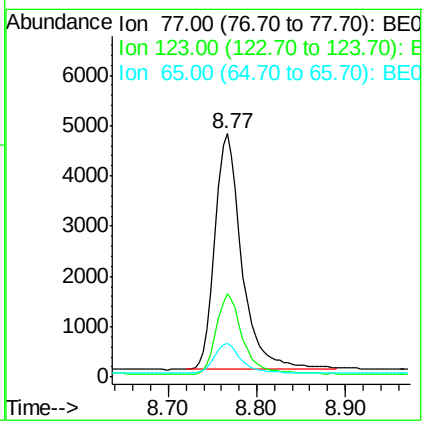


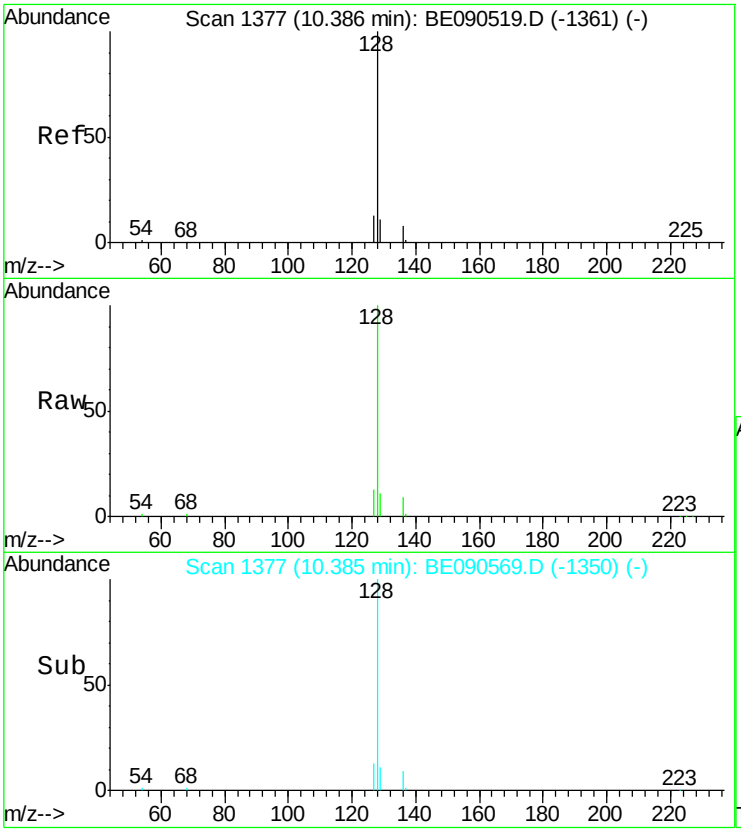


#8
Nitrobenzene
Concen: 0.95 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion: 77 Resp: 9900

Ion	Ratio	Lower	Upper
77	100		
123	34.2	25.1	37.7
65	12.5	9.3	13.9



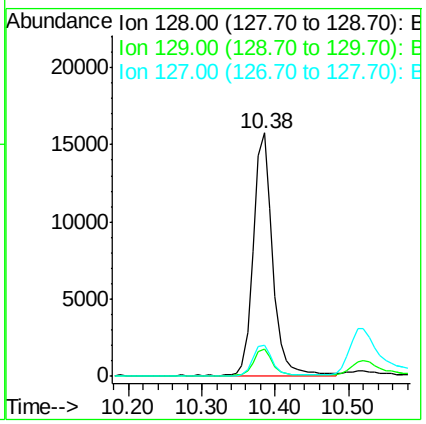


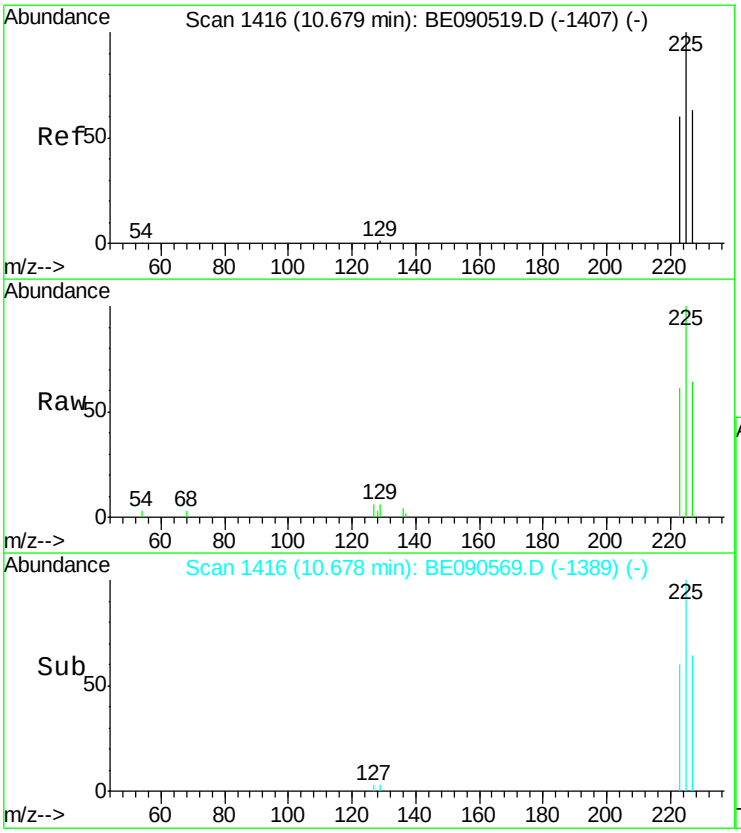
#9
Naphthalene
Concen: 0.98 ng
RT: 10.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 28248

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	12.9	10.6	16.0

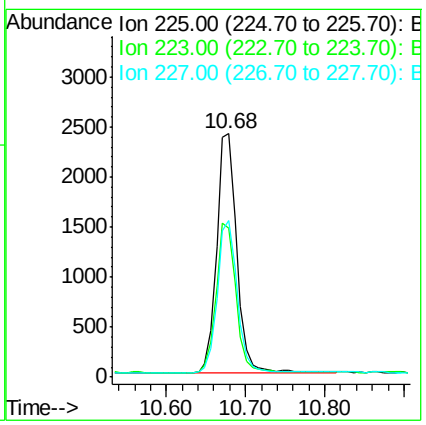


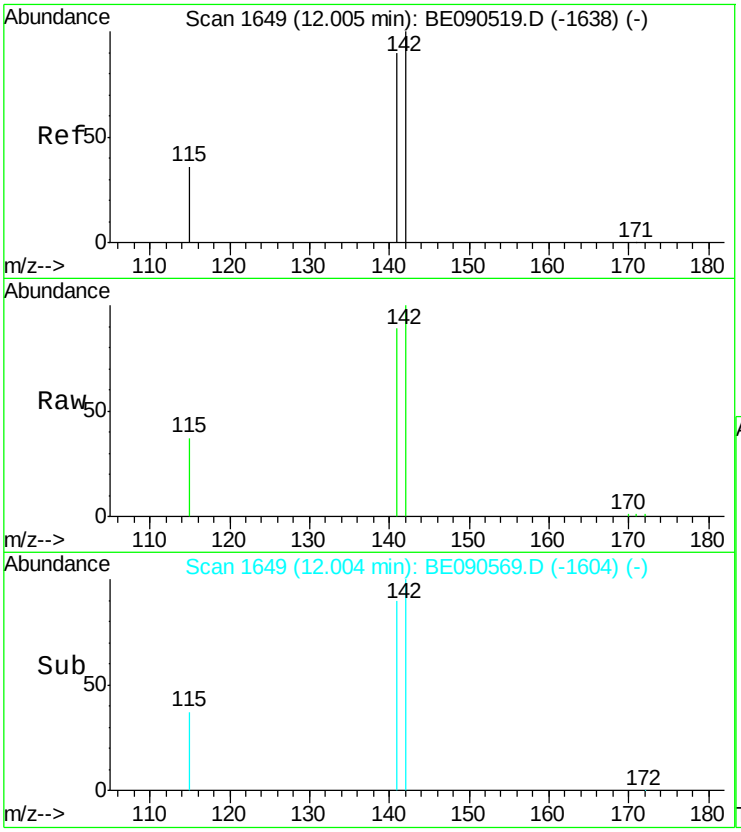


#10
Hexachlorobutadiene
Concen: 0.99 ng
RT: 10.68 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:225 Resp: 4178

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	75.8
227	63.3	50.7	76.1



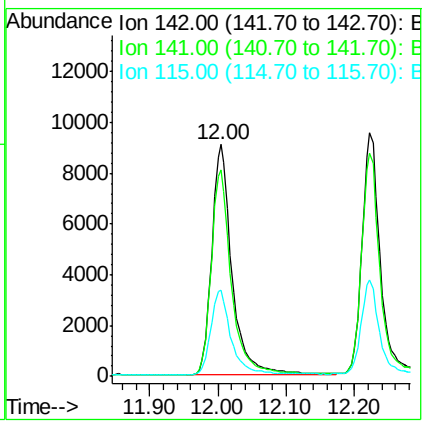


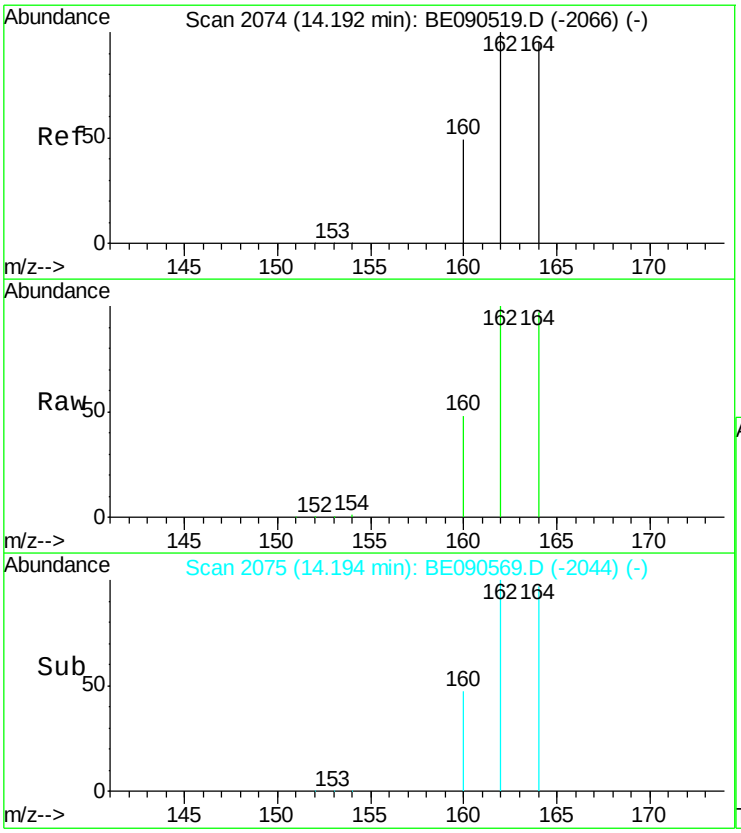
#11
2-Methylnaphthalene
Concen: 1.00 ng
RT: 12.00 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 18613

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	109.0
115	37.3	31.6	47.4

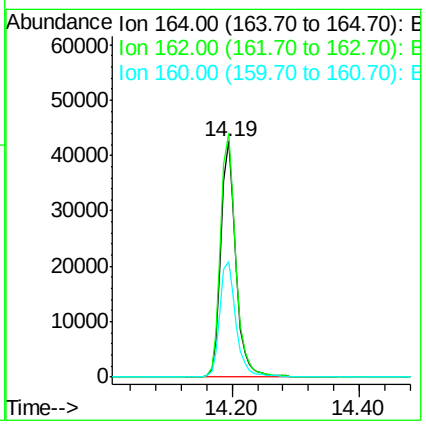


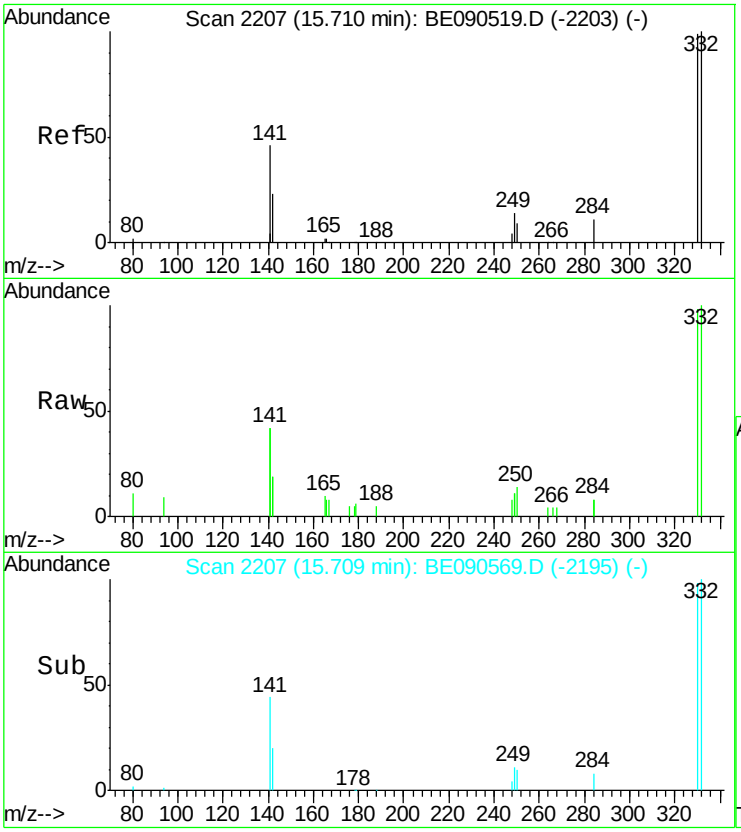


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:164 Resp: 69031

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.8
160	49.1	44.2	66.4



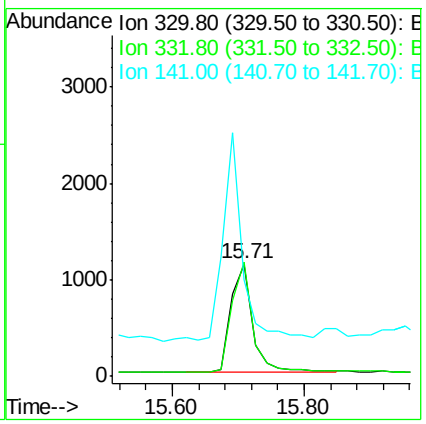


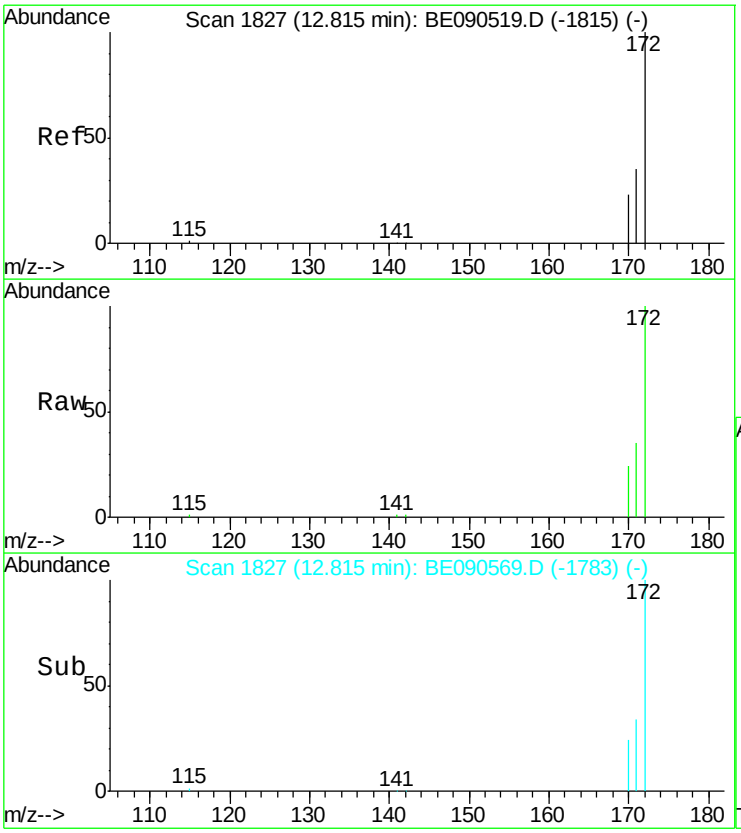
#13
2,4,6-Tribromophenol
Concen: 0.97 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 2579

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.6
141	172.7	114.4	171.6#

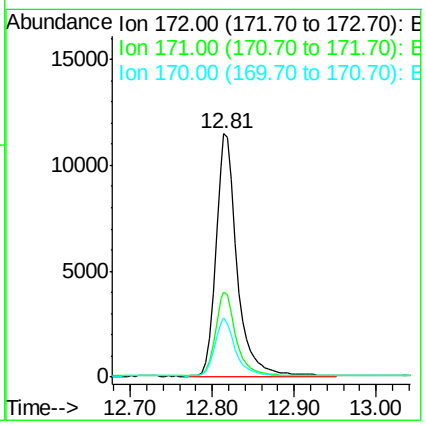


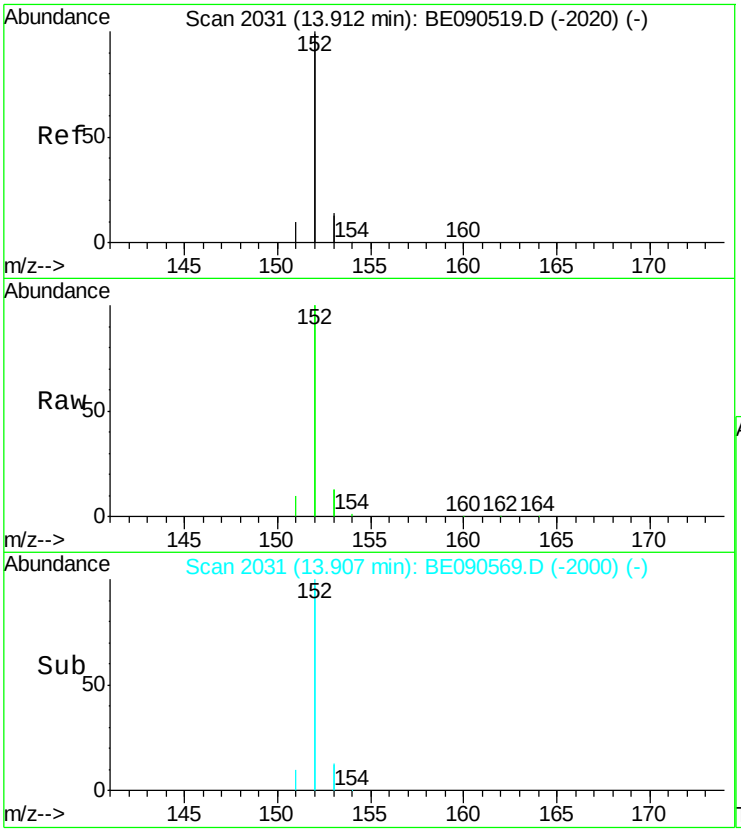


#14
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:172 Resp: 20667

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	24.1	19.8	29.8



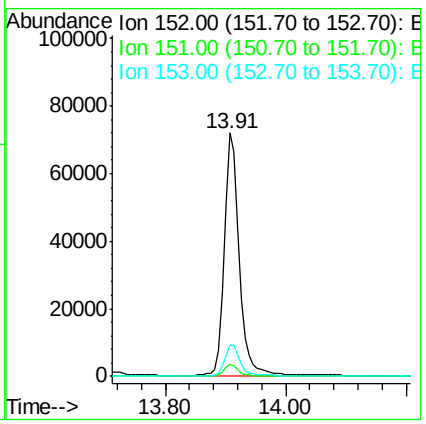


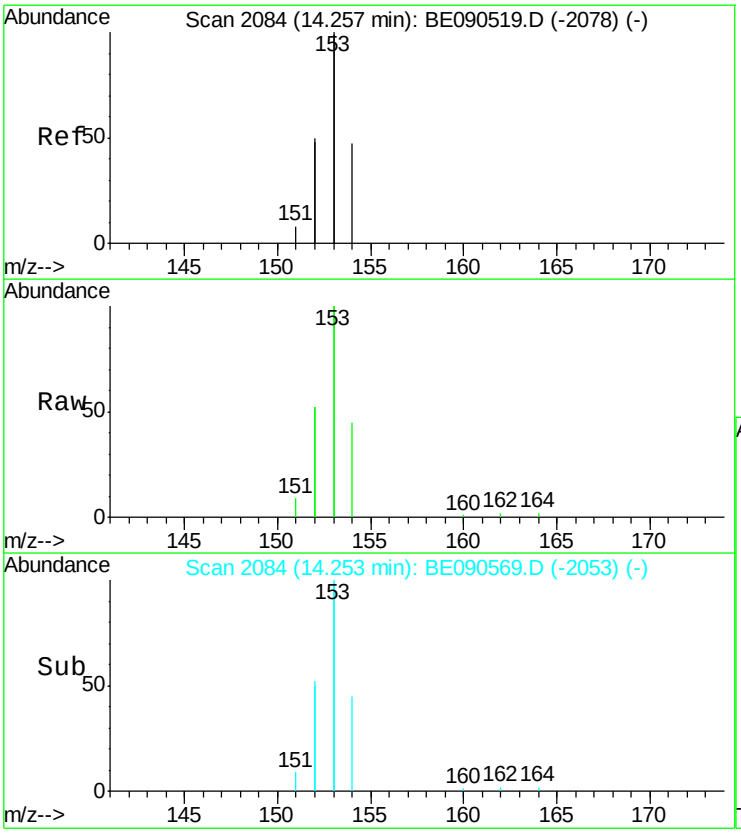
#15
Acenaphthylene
Concen: 1.00 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 125485

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	12.9	10.3	15.5

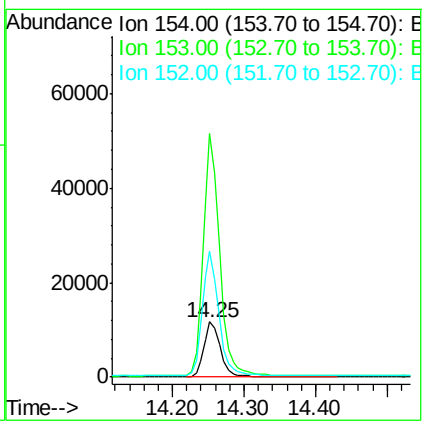


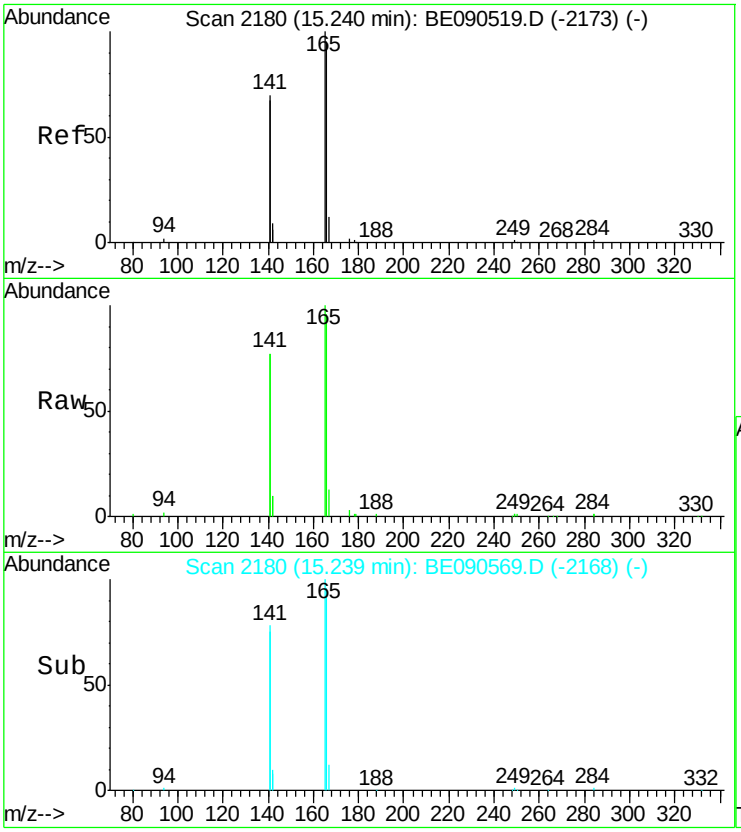


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.25 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:154 Resp: 18801

Ion	Ratio	Lower	Upper
154	100		
153	433.2	376.2	564.2
152	225.0	235.0	352.4#



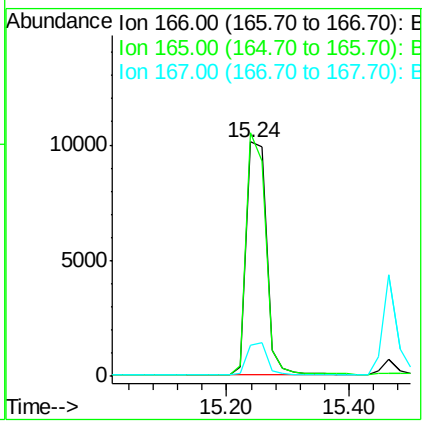


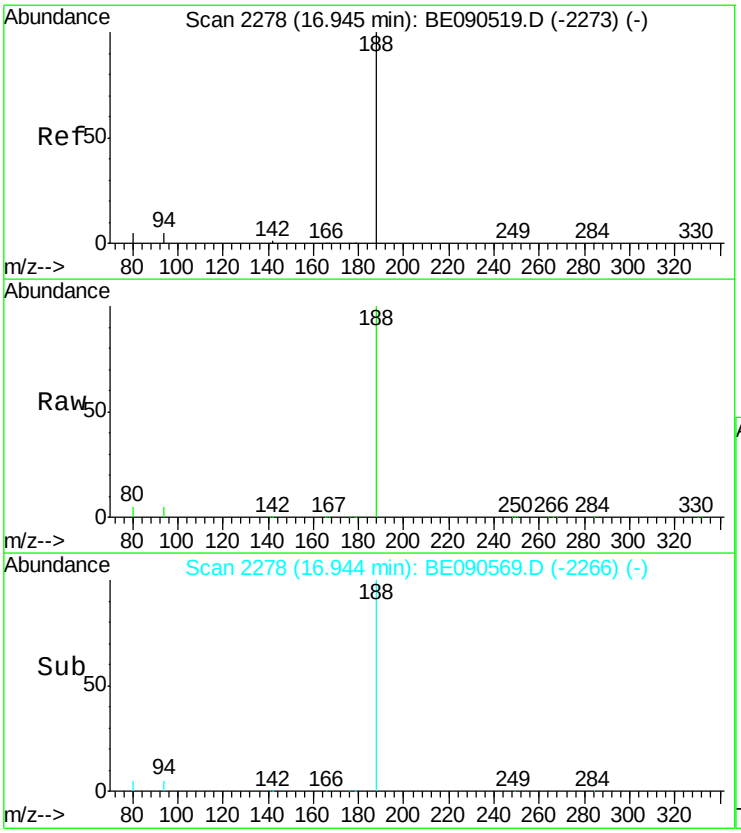
#17
Fluorene
Concen: 0.99 ng
RT: 15.24 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 22928

Ion	Ratio	Lower	Upper
166	100		
165	99.2	81.5	122.3
167	14.0	11.4	17.0

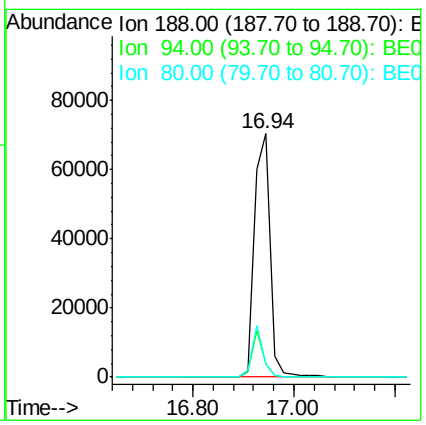


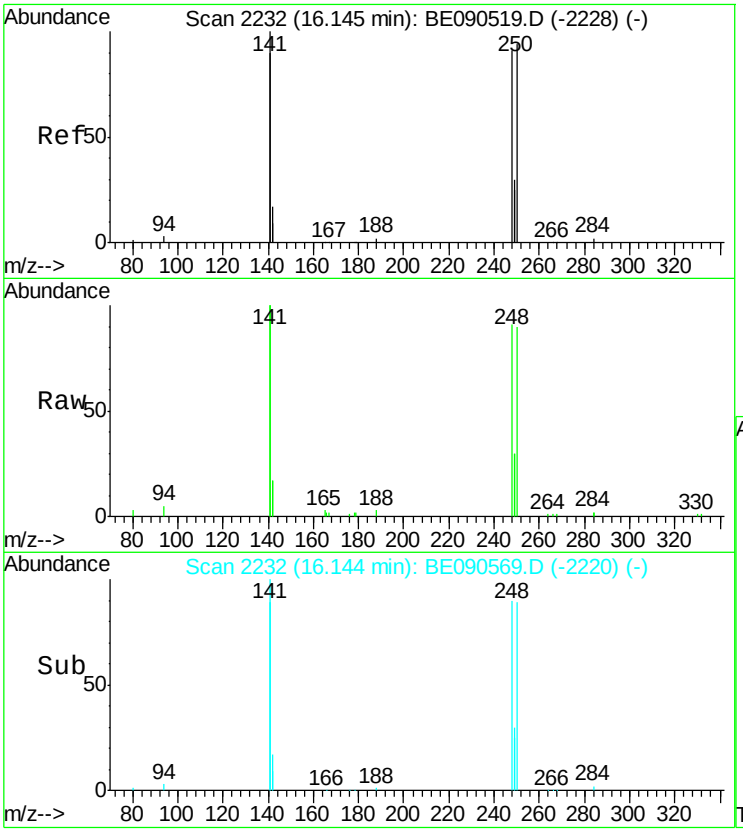


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:188 Resp: 147665

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	5.3	5.8	8.8#



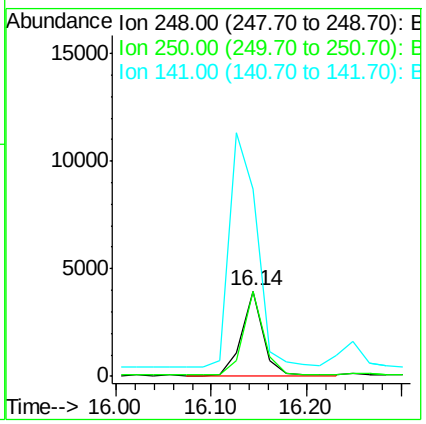


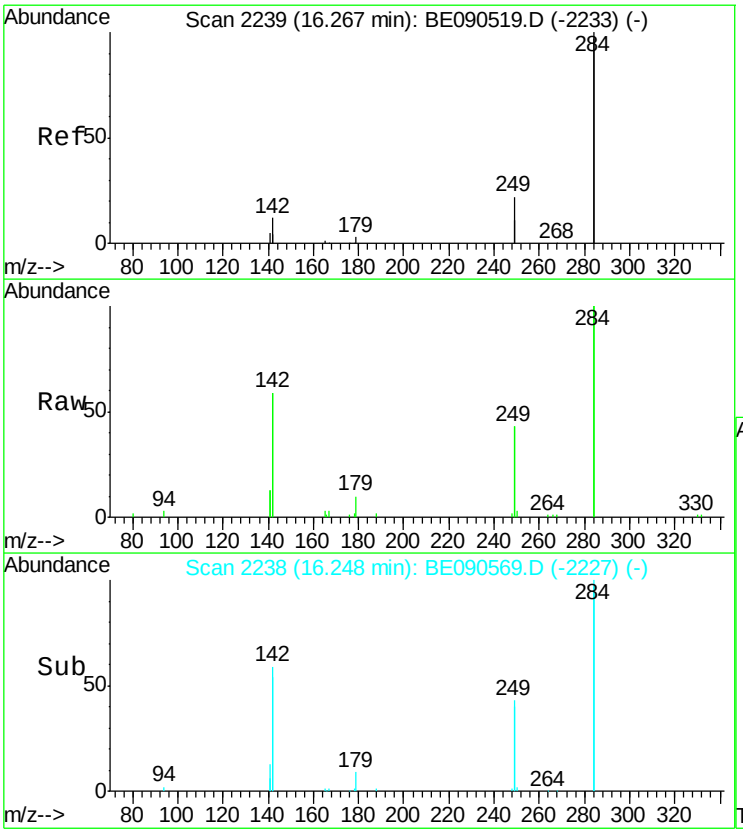
#19
4-Bromophenyl-phenylether
Concen: 1.01 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 6091

Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.0	118.6
141	356.1	239.5	359.3

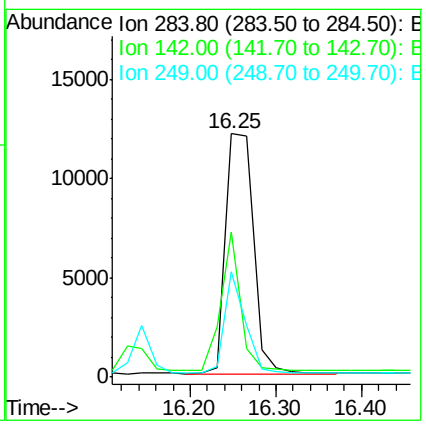


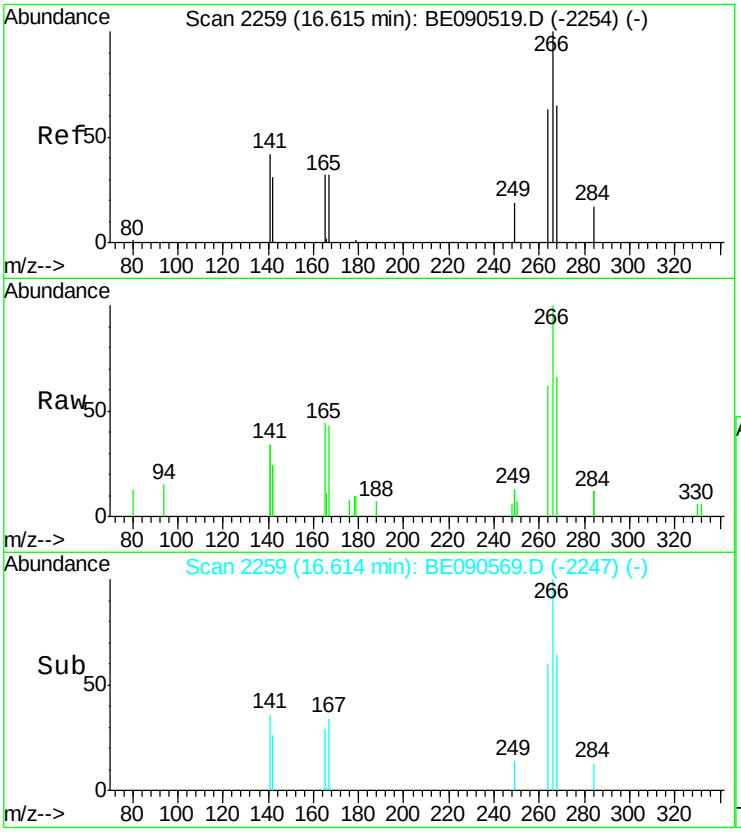


#20
Hexachlorobenzene
Concen: 1.02 ng
RT: 16.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:284 Resp: 27233

Ion	Ratio	Lower	Upper
284	100		
142	40.4	30.1	45.1
249	31.3	25.7	38.5



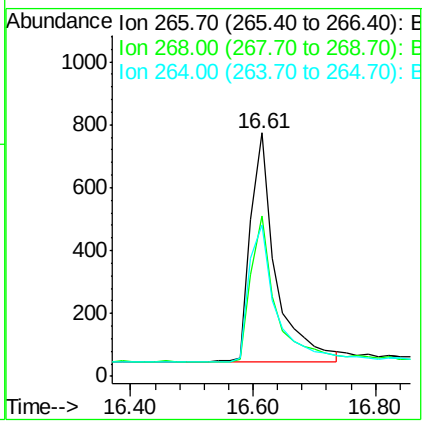


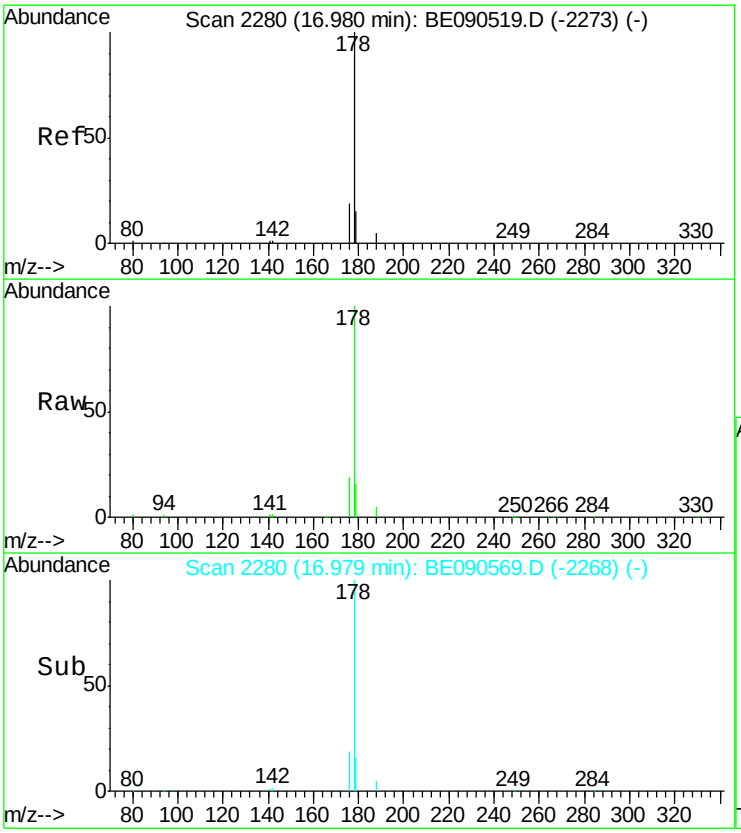
#21
Pentachlorophenol
Concen: 0.91 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 2076

Ion	Ratio	Lower	Upper
266	100		
268	66.0	58.5	87.7
264	62.4	56.0	84.0

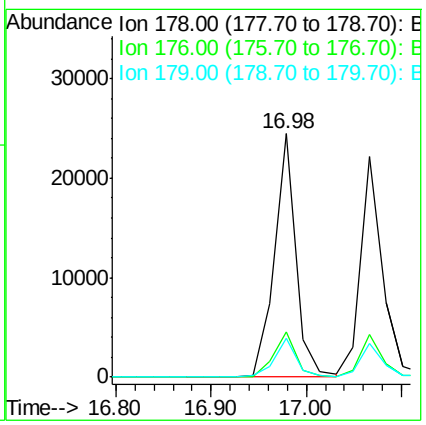


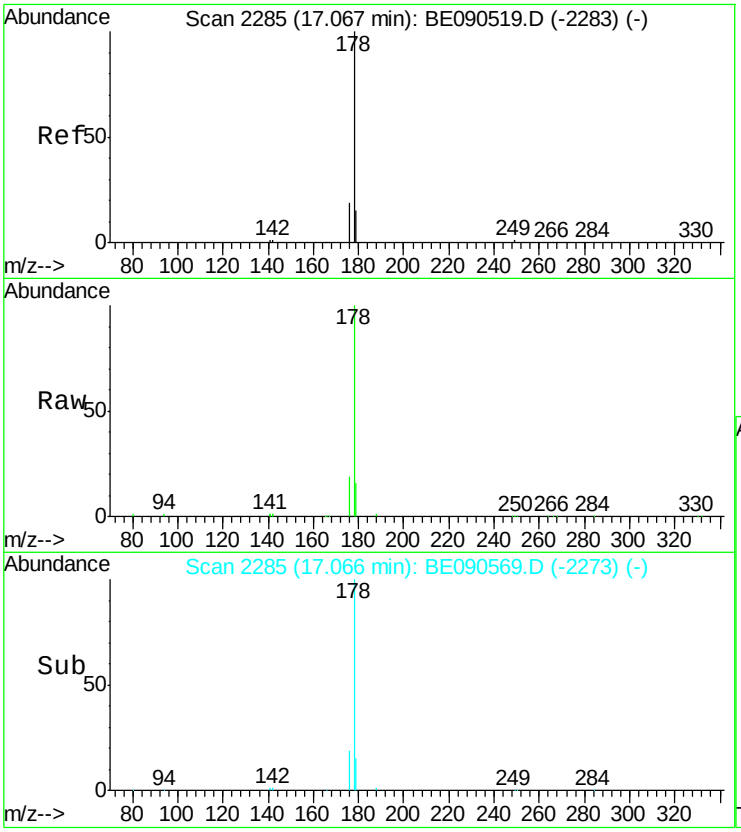


#22
Phenanthrene
Concen: 0.98 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:178 Resp: 37818

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.5	18.7



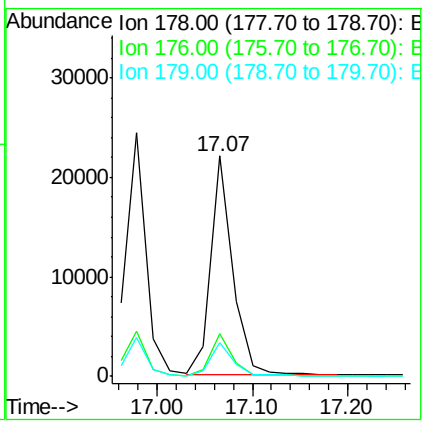


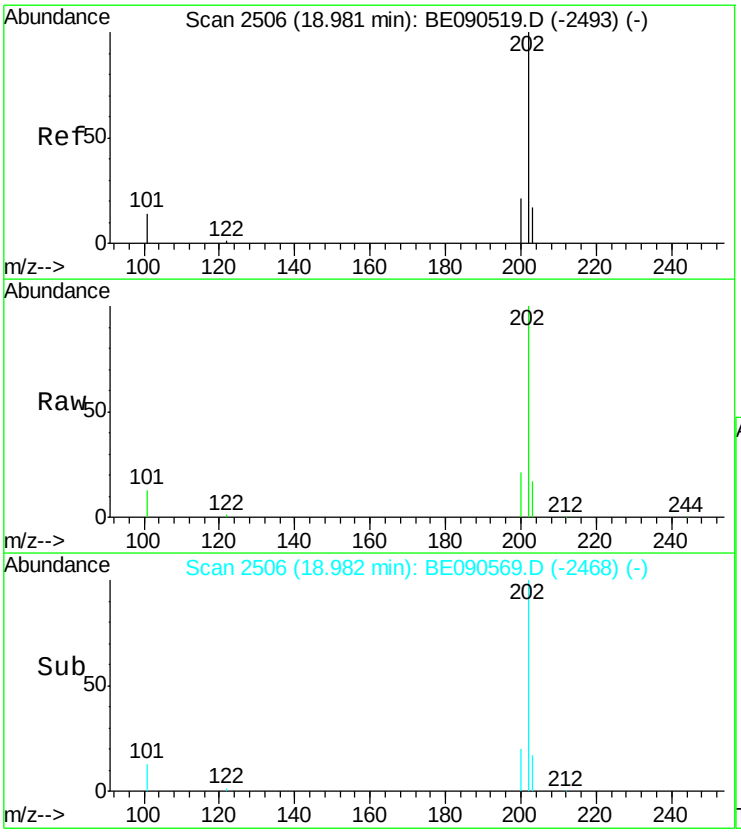
#23
Anthracene
Concen: 0.99 ng
RT: 17.07 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 35271

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4

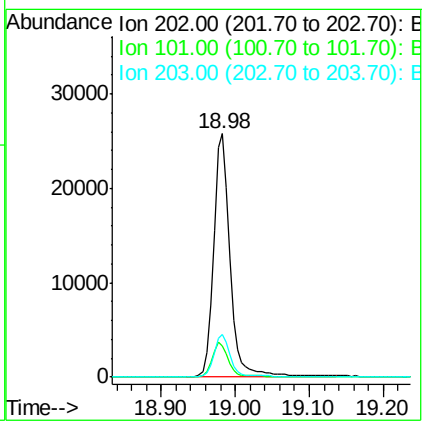


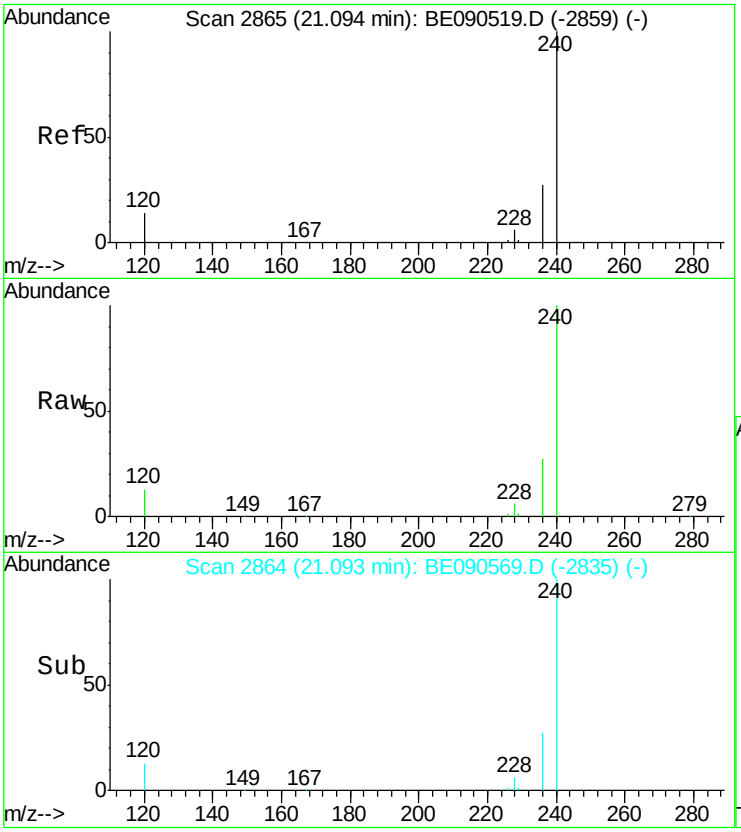


#24
Fluoranthene
Concen: 0.97 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:202 Resp: 40010

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
203	17.3	13.7	20.5



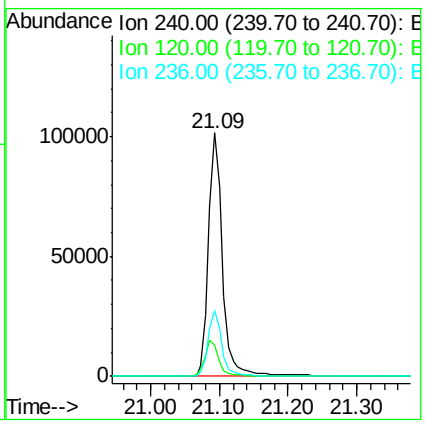


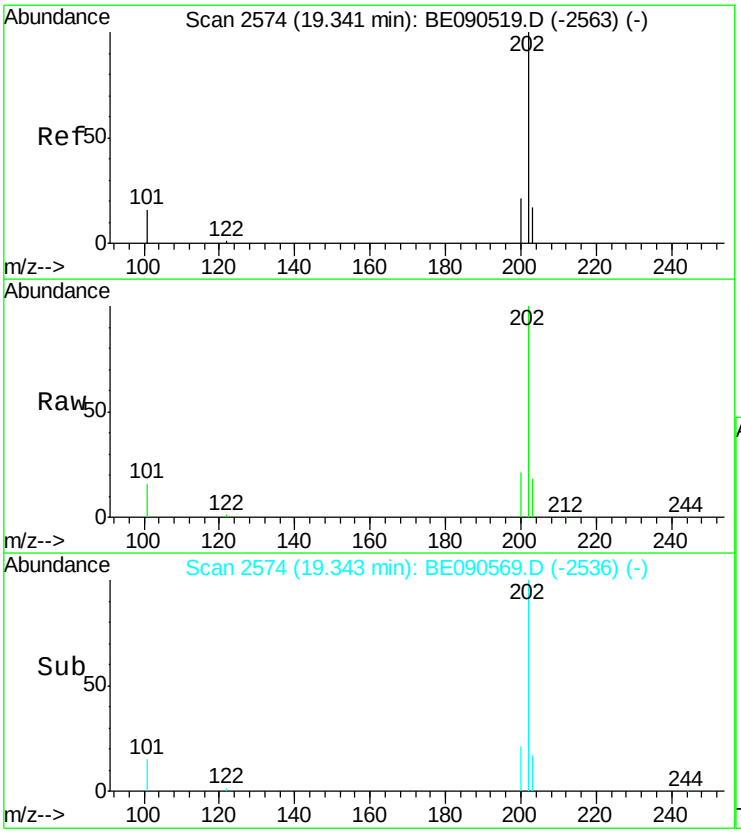
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 144159

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.3	12.5#
236	27.0	21.0	31.4

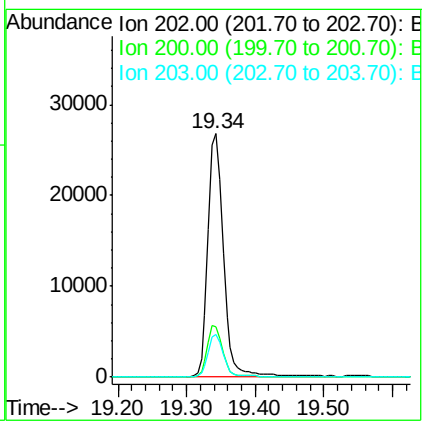


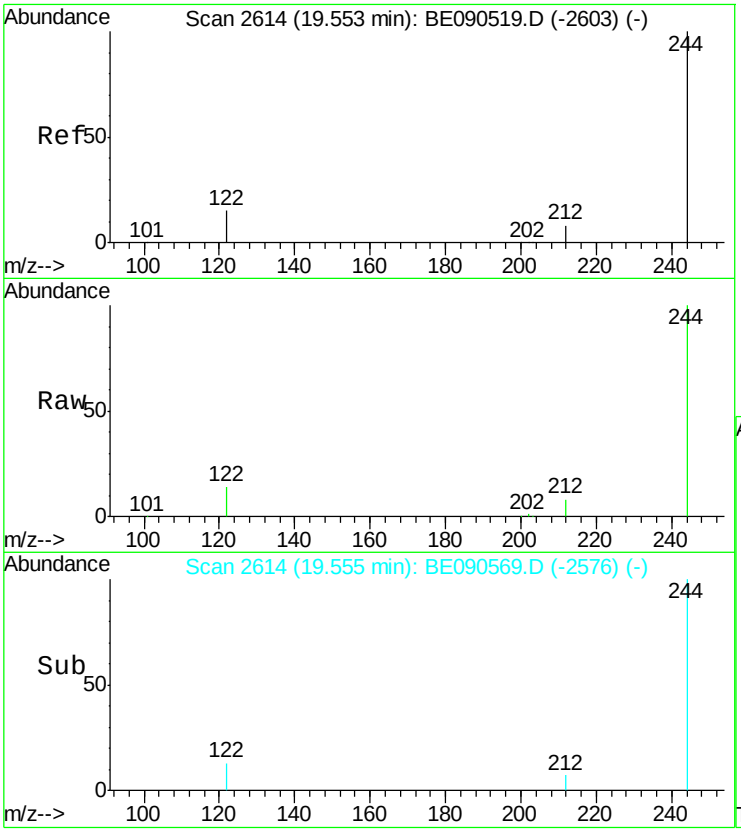


#26
Pyrene
Concen: 1.00 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:202 Resp: 41290

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.4	13.8	20.8



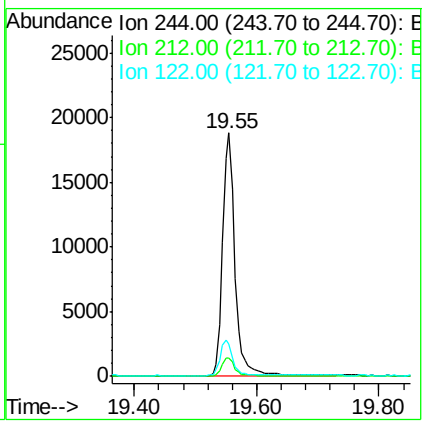


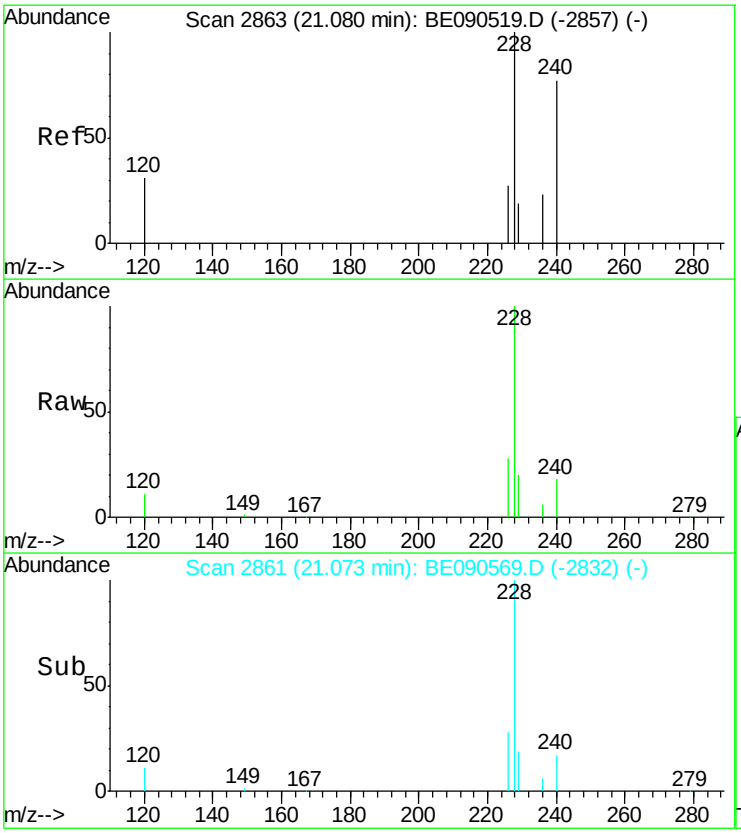
#27
Terphenyl-d14
Concen: 1.01 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 26677

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	13.5	10.2	15.4

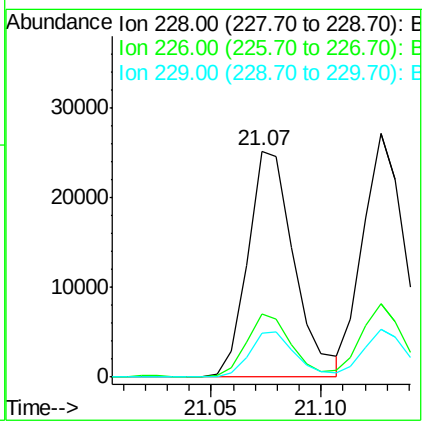


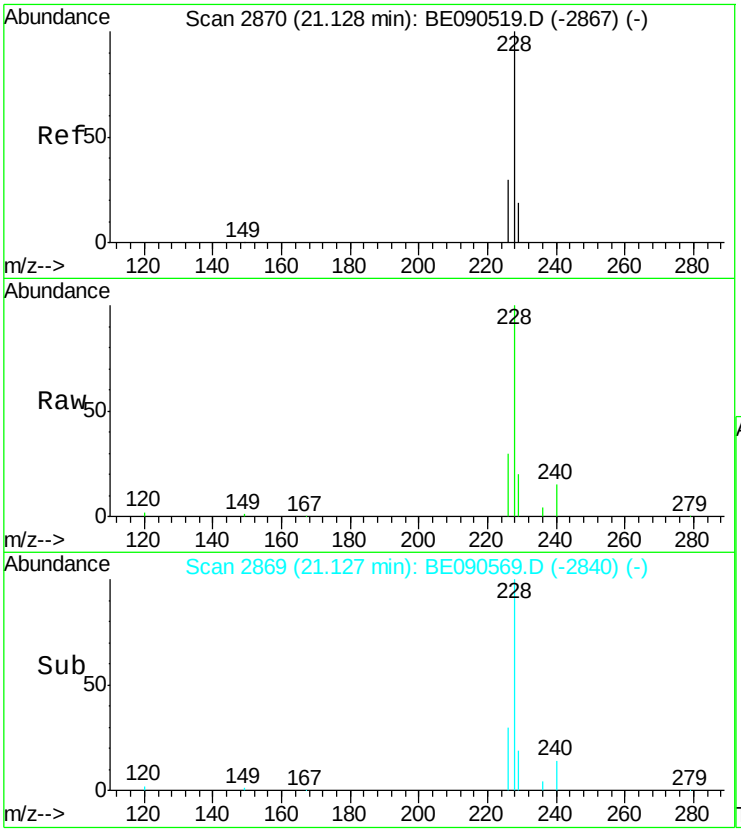


#28
Benzo(a)anthracene
Concen: 0.97 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:228 Resp: 36801

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	19.5	15.4	23.0



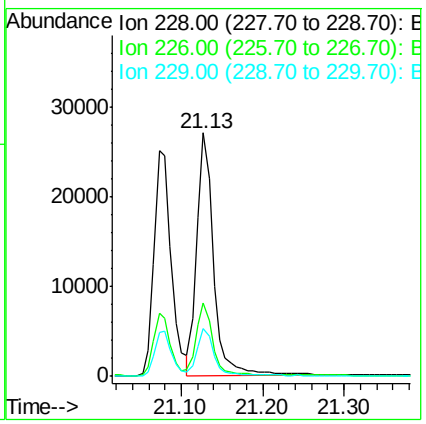


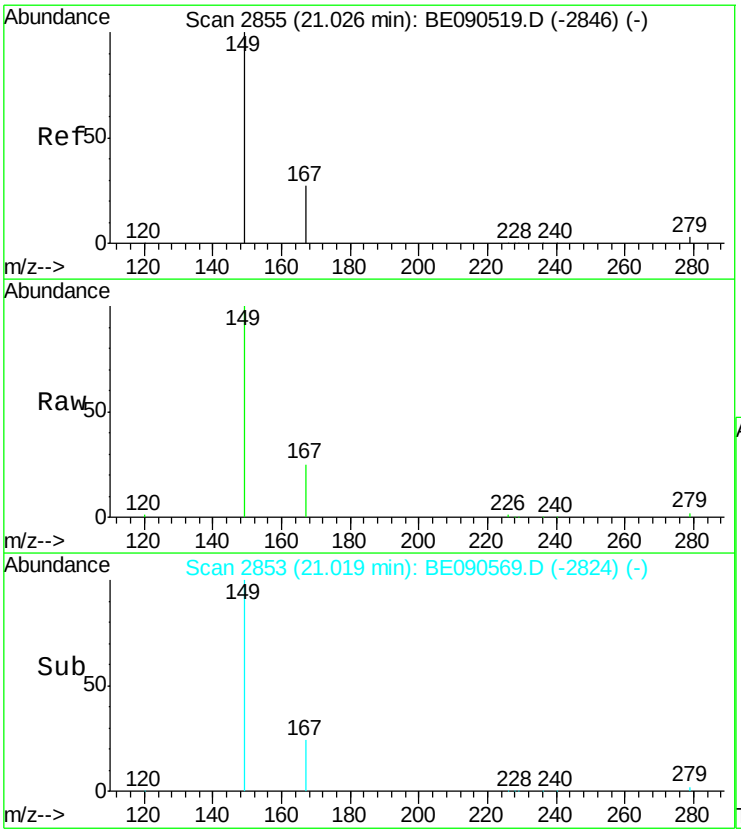
#29
Chrysene
Concen: 0.99 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 38463

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.1	34.7
229	19.5	15.8	23.8

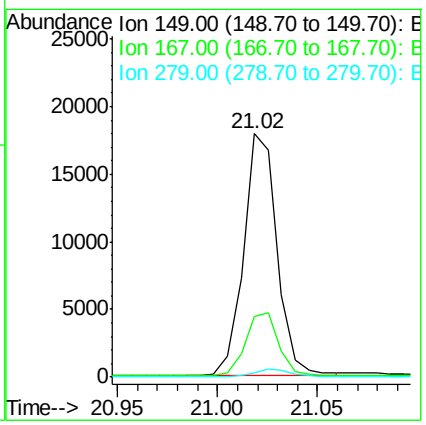


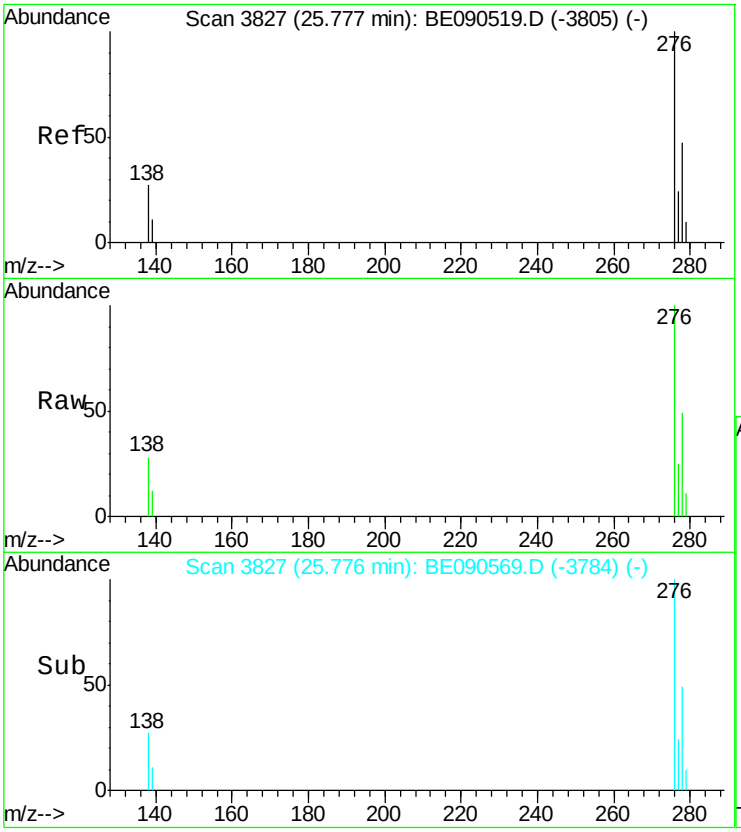


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.03 ng
RT: 21.02 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:149 Resp: 20694

Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.1	2.4	3.6



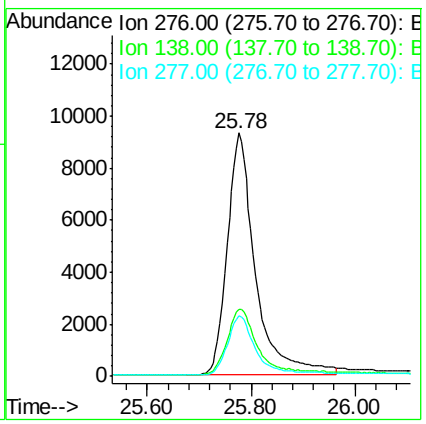


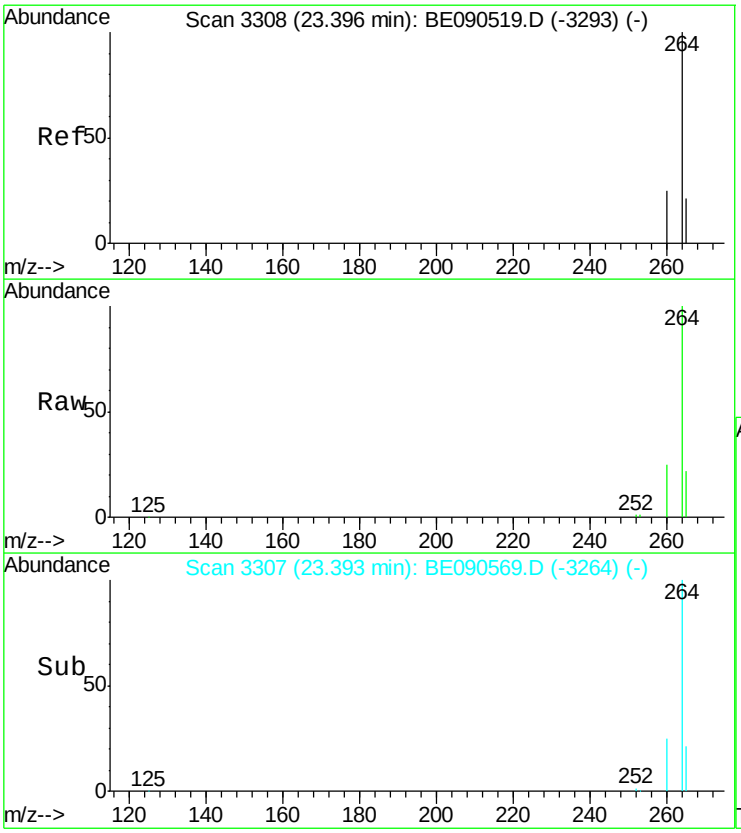
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.96 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.01 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 35046

Ion	Ratio	Lower	Upper
276	100		
138	28.3	18.8	28.2#
277	24.9	18.2	27.4

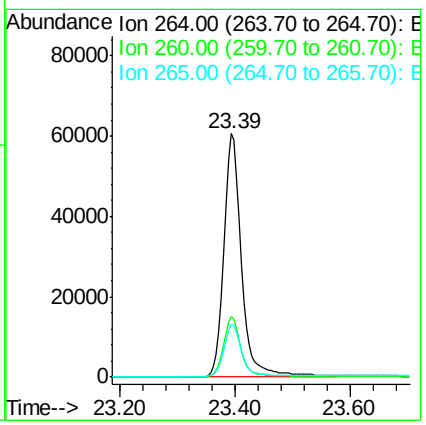


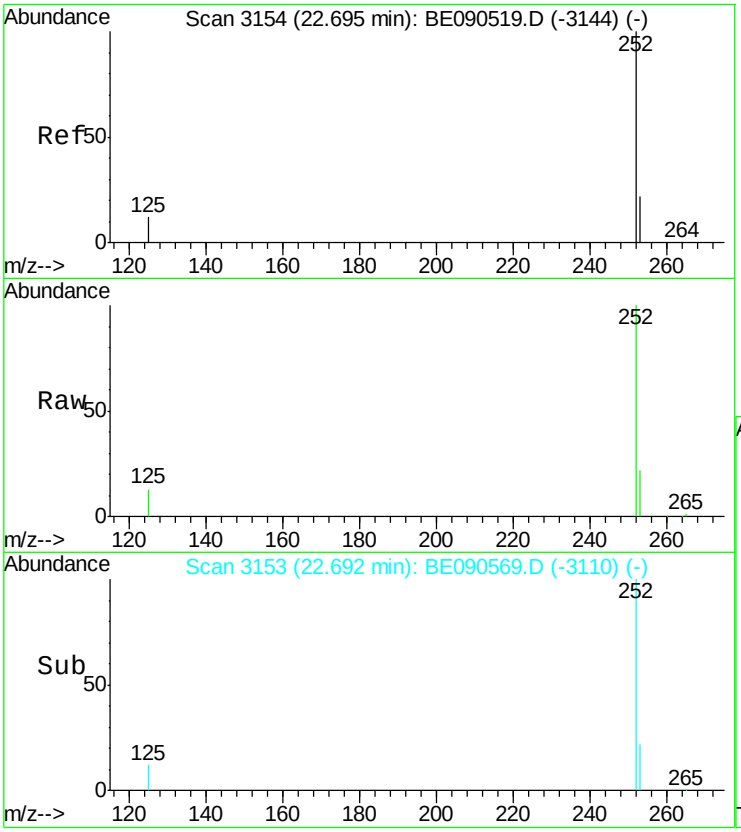


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:264 Resp: 131946

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.7	17.2	25.8



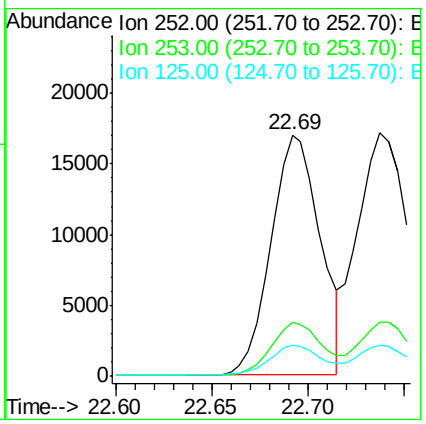


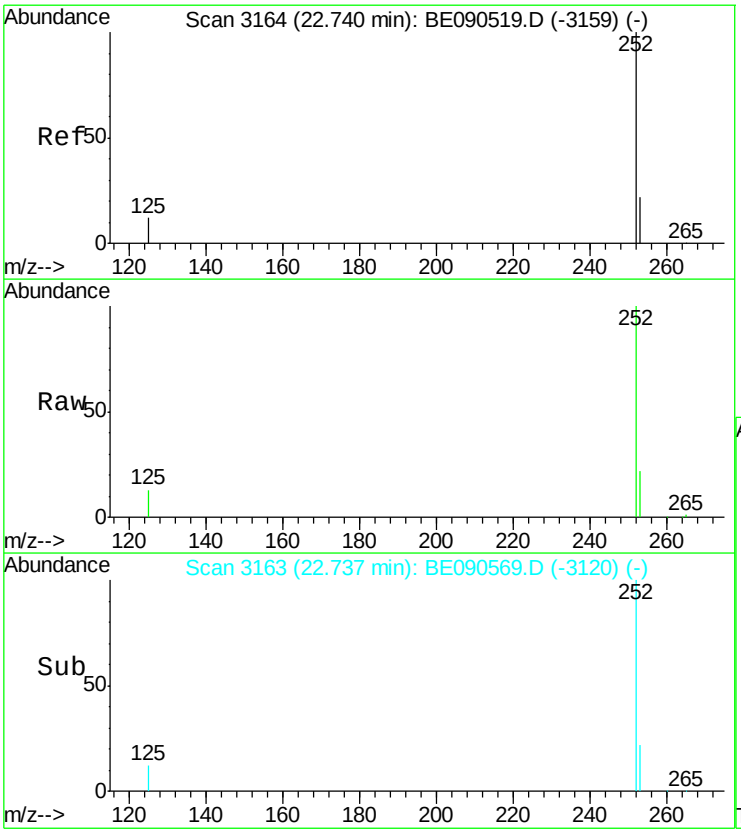
#33
Benzo(b)fluoranthene
Concen: 0.96 ng
RT: 22.69 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 30142

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.2	9.4	14.2

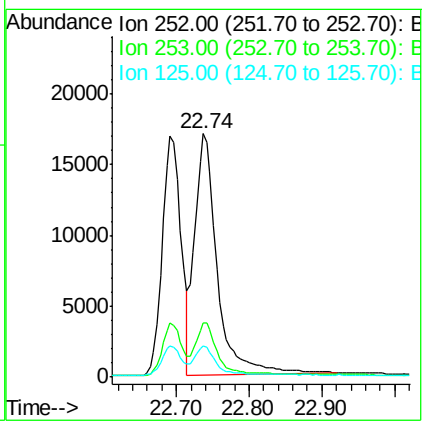


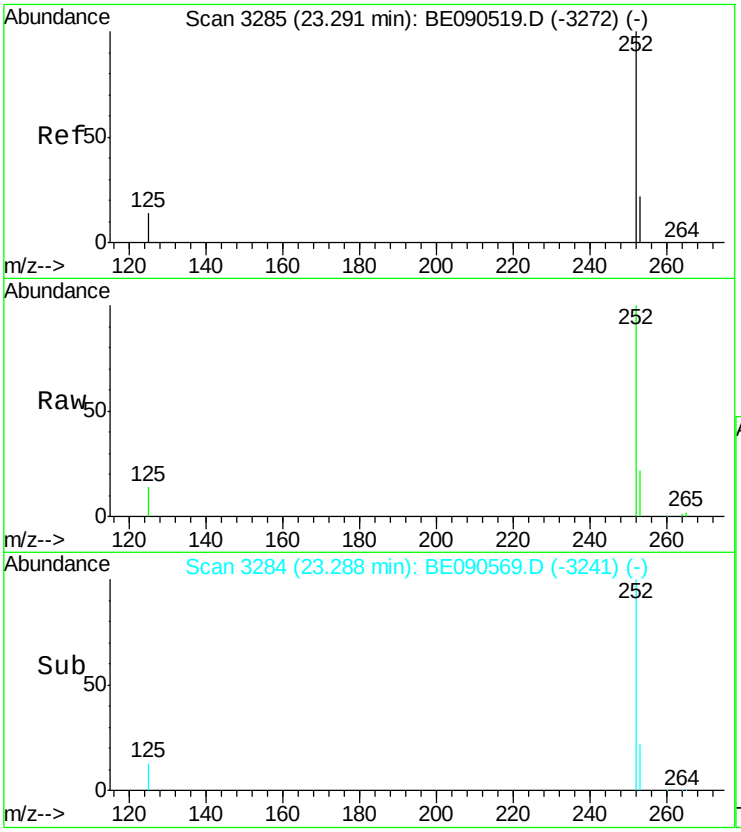


#34
Benzo(k)fluoranthene
Concen: 1.03 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:252 Resp: 36376

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.0	9.1	13.7



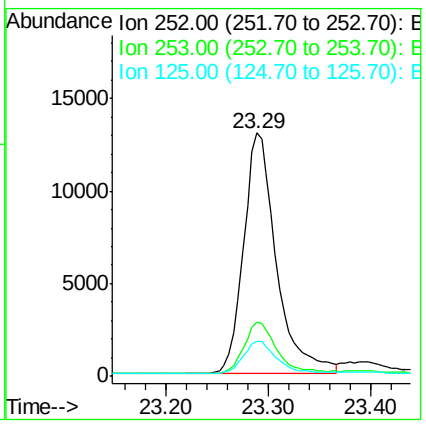


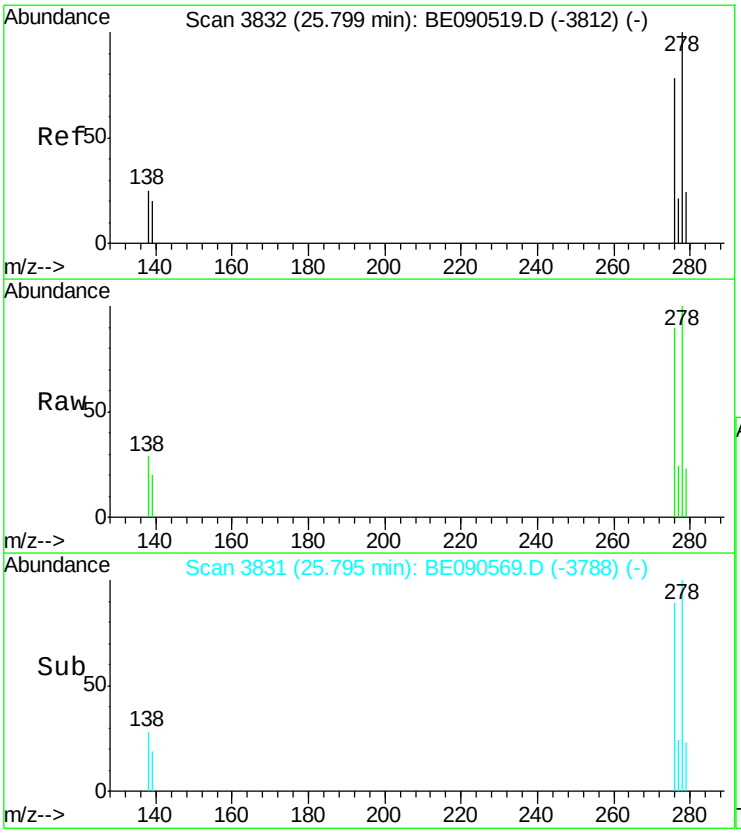
#35
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 28934

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	14.3	9.8	14.6

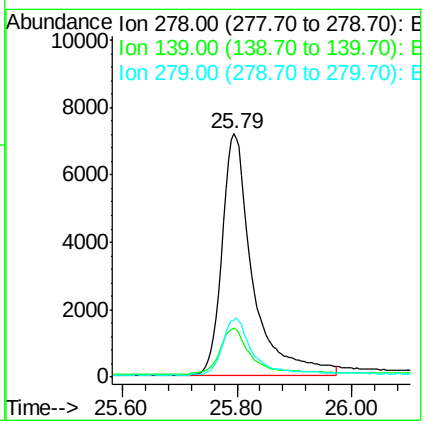


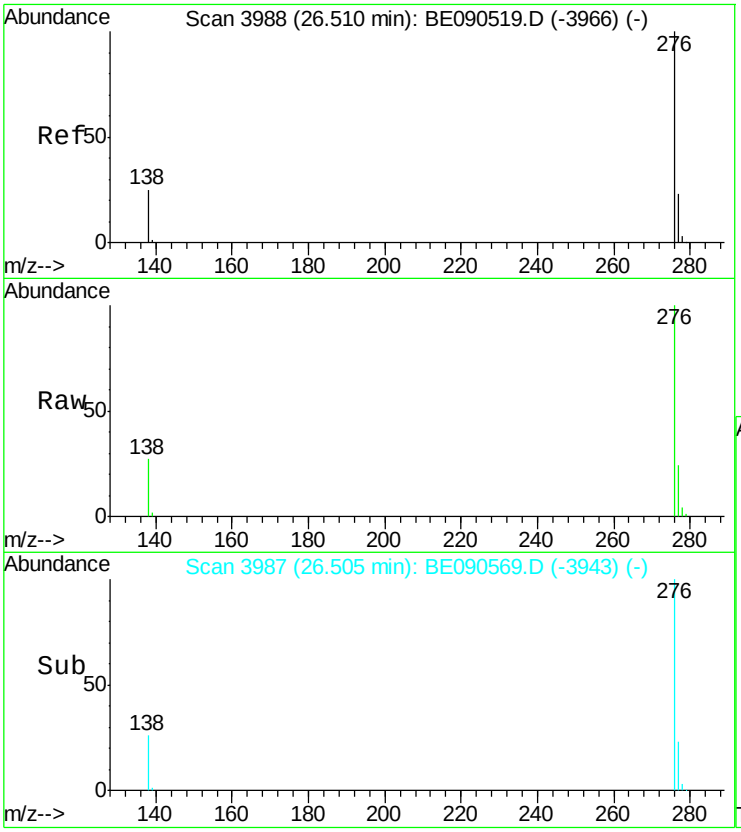


#36
Dibenzo(a,h)anthracene
Concen: 0.95 ng
RT: 25.79 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Tgt Ion:278 Resp: 26916

Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.2	21.4
279	23.5	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.99 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.00 min
Lab File: BE090569.D
Acq: 19 Aug 2015 00:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 30475

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	26.6	18.1	27.1