Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090565.D
Acq On : 18 Aug 2015 21:53
Operator : UM/IZ
Sample : G3329-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 081615-D534-F-D-B

Quant Time: Aug 19 02:35:36 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	22447	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	112109	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61298	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	134833	5.00	ng	0.00
25) Chrysene-d12	21.09	240	134559	5.00	ng	0.00
32) Perylene-d12	23.40	264	122151	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17823	2.75	ng	0.00
5) Phenol-d6	6.78	99	14998	1.57	ng	0.00
7) Nitrobenzene-d5	8.73	82	29208	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	19714	8.36	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	63502	3.47	ng	0.00
27) Terphenyl-d14	19.55	244	93804	3.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	12	Below Cal	#	15
3) n-Nitrosodimethylamine	3.48	42	12	0.00	ng #	10
8) Nitrobenzene	8.76	77	36	0.00	ng #	64
9) Naphthalene	10.38	128	332	0.01	ng #	38
10) Hexachlorobutadiene	10.68	225	31	0.01	ng #	84
11) 2-Methylnaphthalene	12.02	142	203	0.01	ng #	79
15) Acenaphthylene	13.91	152	717	0.01	ng	97
16) Acenaphthene	14.26	154	120	0.01	ng #	84
17) Fluorene	15.26	166	277	0.01	ng #	20
19) 4-Bromophenyl-phenylether	16.14	248	69	0.01	ng #	3
20) Hexachlorobenzene	16.27	284	367	0.02	ng #	73
21) Pentachlorophenol	16.61	266	65	0.32	ng #	72
22) Phenanthrene	17.07	178	384	0.01	ng	96
23) Anthracene	17.07	178	459	0.01	ng #	89
24) Fluoranthene	18.98	202	951	0.03	ng	96
26) Pyrene	19.34	202	961	0.02	ng	98
28) Benzo(a)anthracene	21.08	228	1374	0.04	ng #	86
29) Chrysene	21.13	228	1162	0.03	ng #	88
30) Bis(2-ethylhexyl)phthalate	21.02	149	2402	0.25	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	853	0.03	ng	93
33) Benzo(b)fluoranthene	22.70	252	887	0.03	ng #	45
34) Benzo(k)fluoranthene	22.74	252	887	0.03	ng #	51
35) Benzo(a)pyrene	23.29	252	772	0.03	ng #	33
36) Dibenzo(a,h)anthracene	25.81	278	584	0.02	ng #	25
37) Benzo(g,h,i)perylene	26.51	276	756	0.03	ng #	48

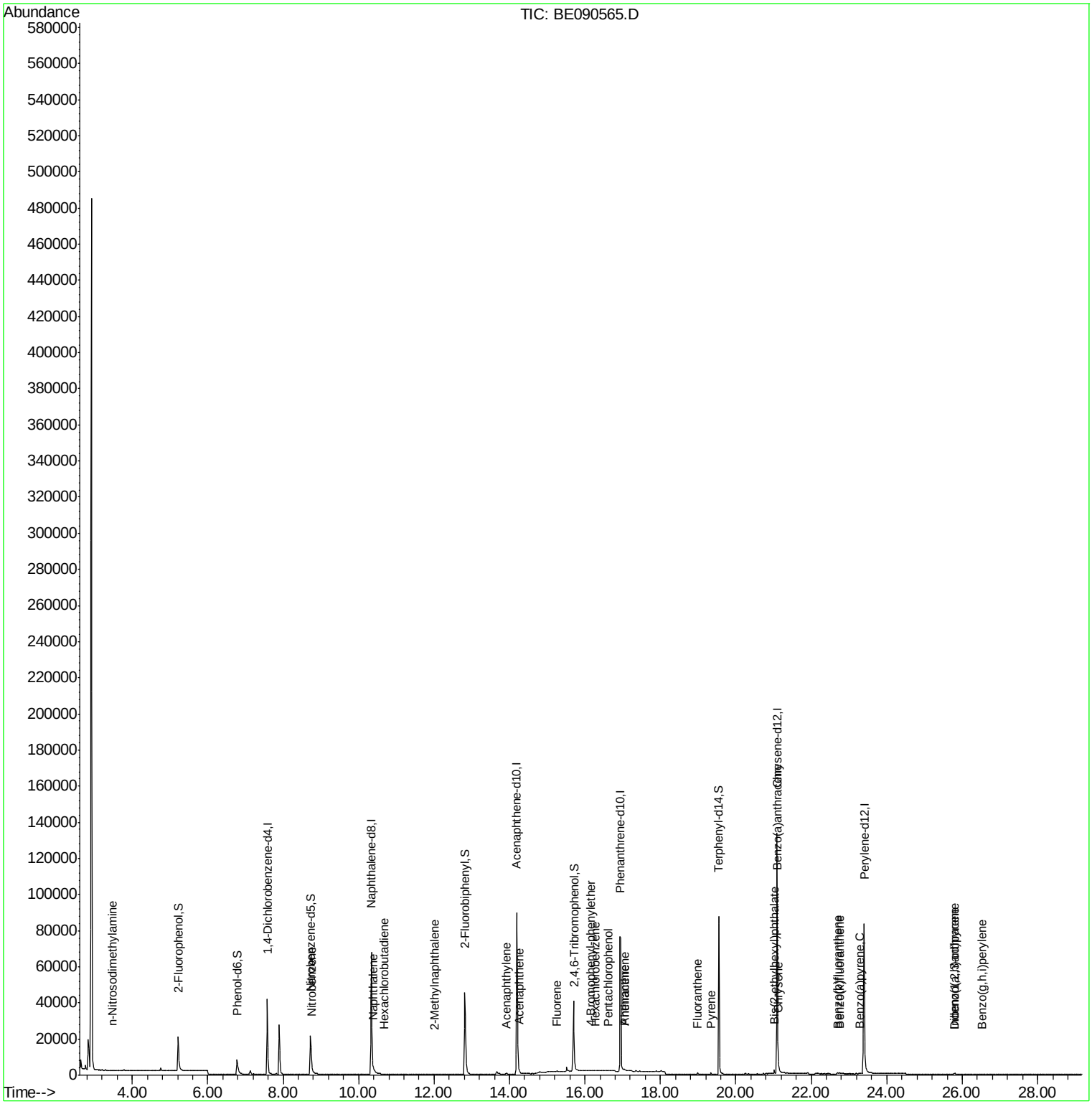
(#) = qualifier out of range (m) = manual integration (+) = signals summed

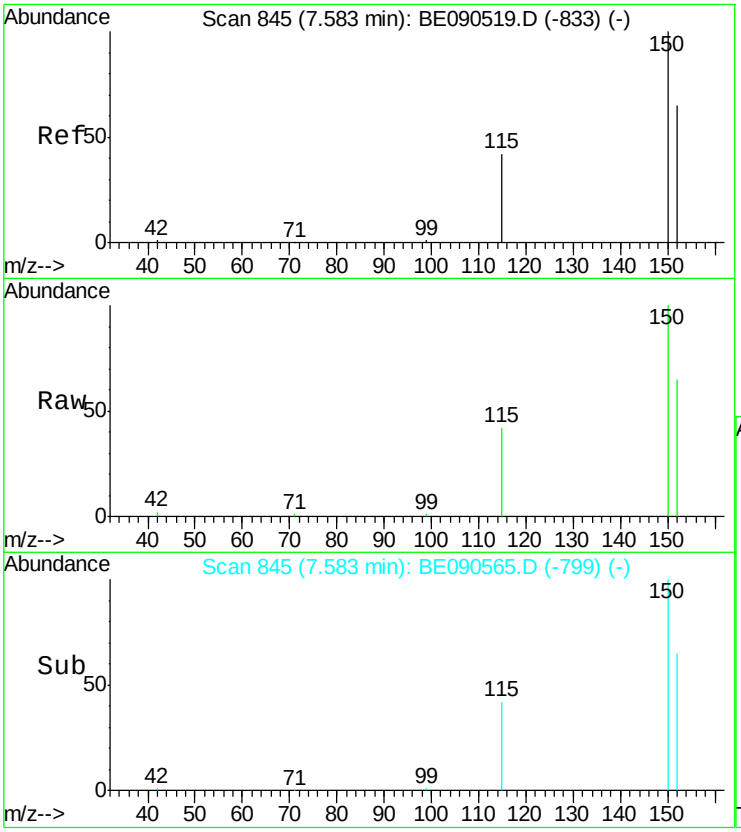
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090565.D
Acq On : 18 Aug 2015 21:53
Operator : UM/IZ
Sample : G3329-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Quant Time: Aug 19 02:35:36 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



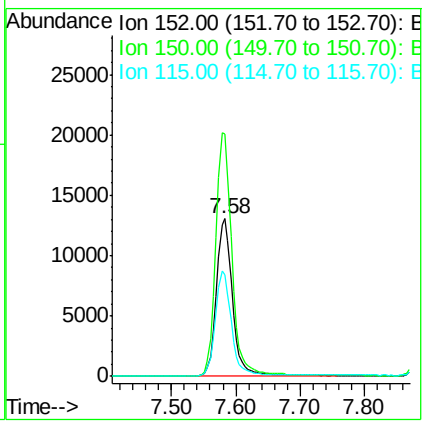


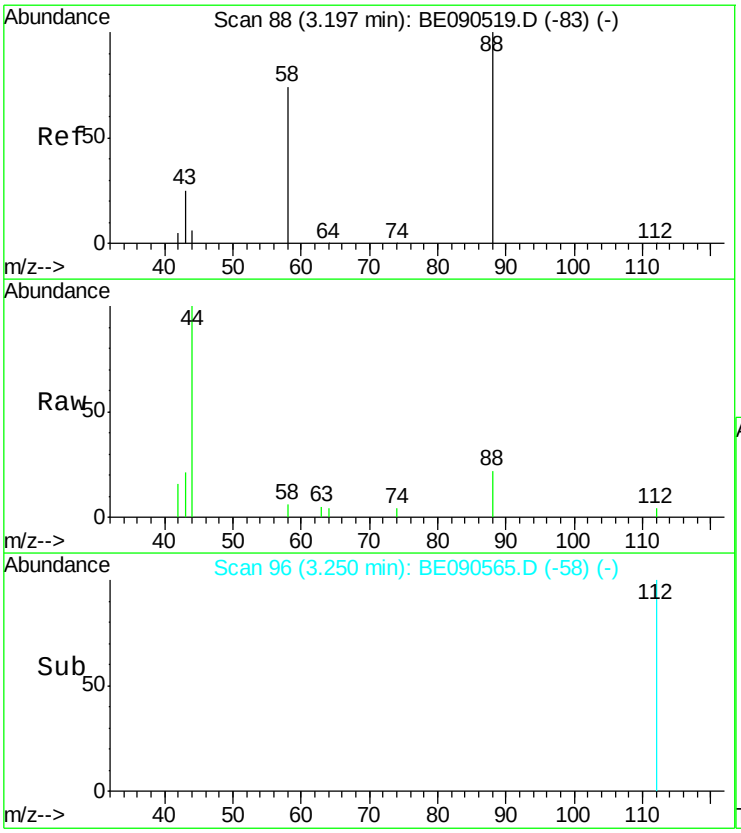
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:152 Resp: 22447

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	64.8	48.9	73.3

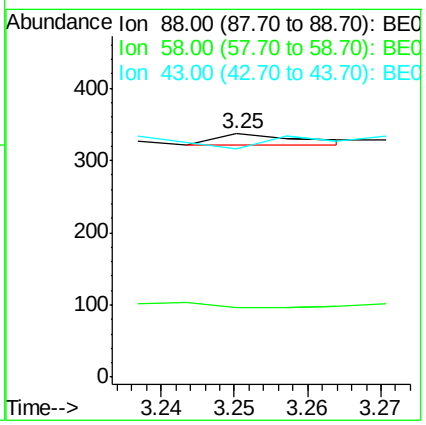


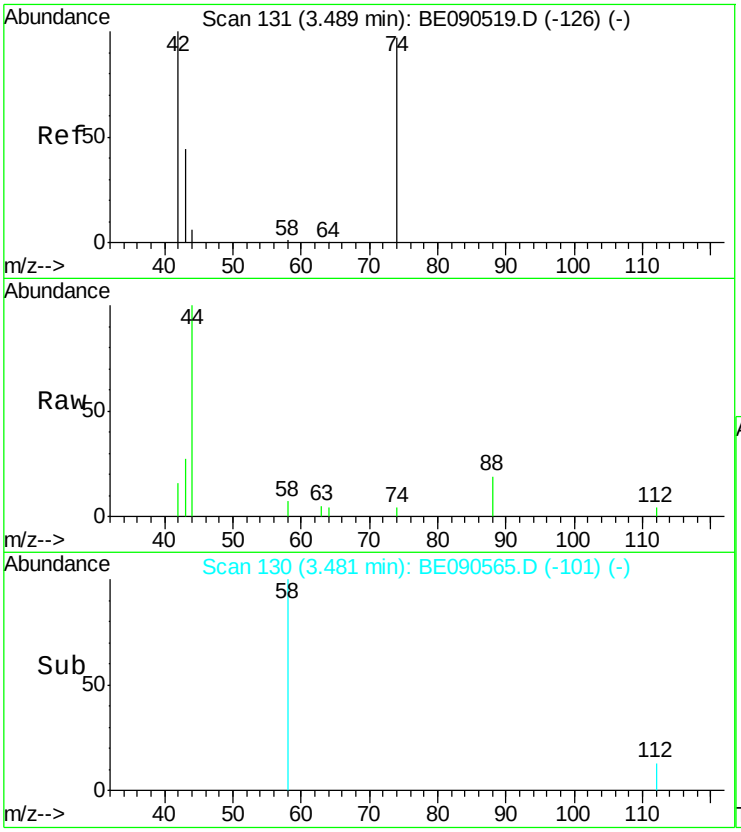


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.25 min Scan# 96
Delta R.T. 0.06 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion: 88 Resp: 12

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.0	105.0#
43	0.0	28.4	42.6#



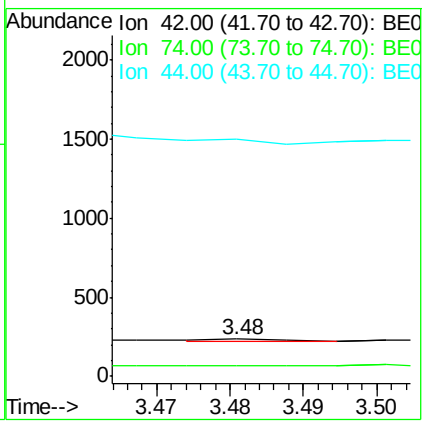


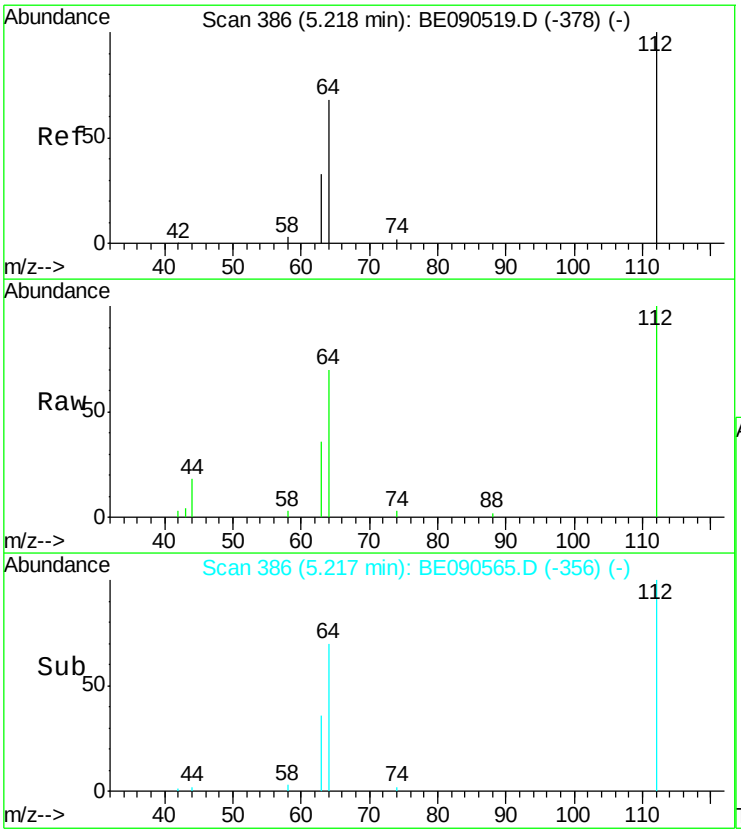
#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion: 42 Resp: 12

Ion	Ratio	Lower	Upper
42	100		
74	0.0	75.2	112.8#
44	0.0	8.7	13.1#

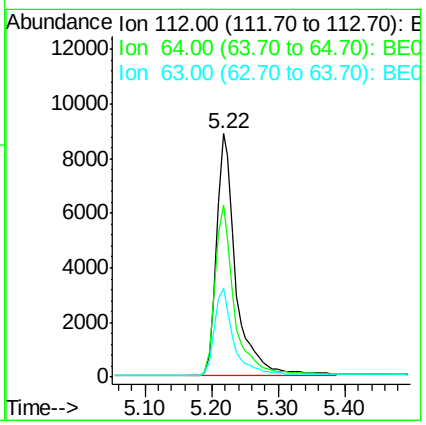


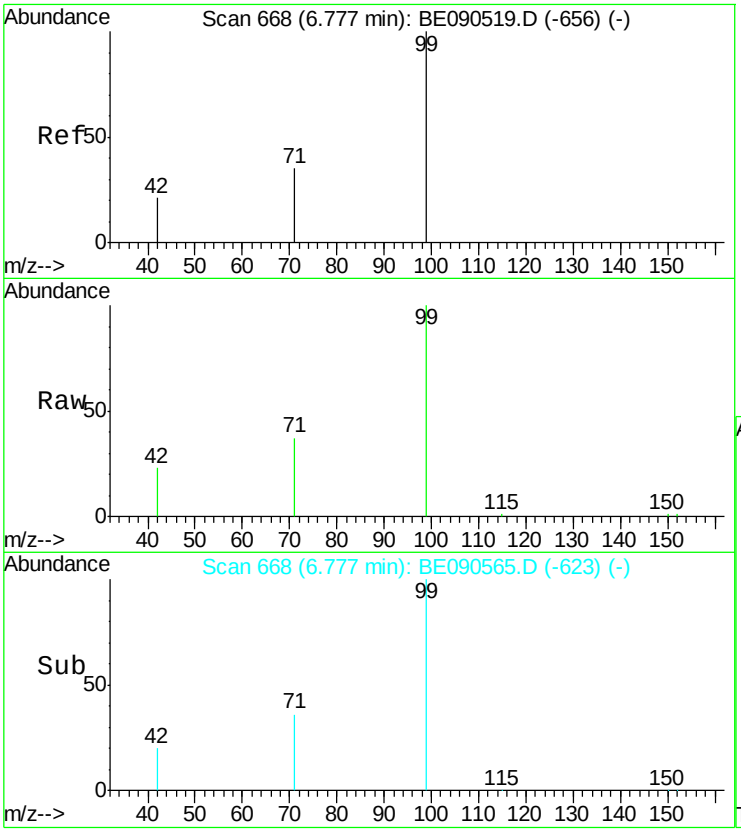


#4
2-Fluorophenol
Concen: 2.75 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:112 Resp: 17823

Ion	Ratio	Lower	Upper
112	100		
64	69.9	37.1	55.7#
63	35.5	19.5	29.3#



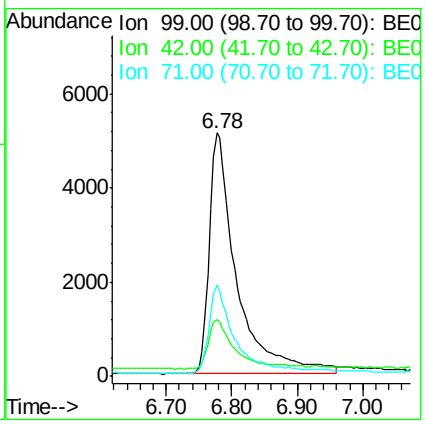


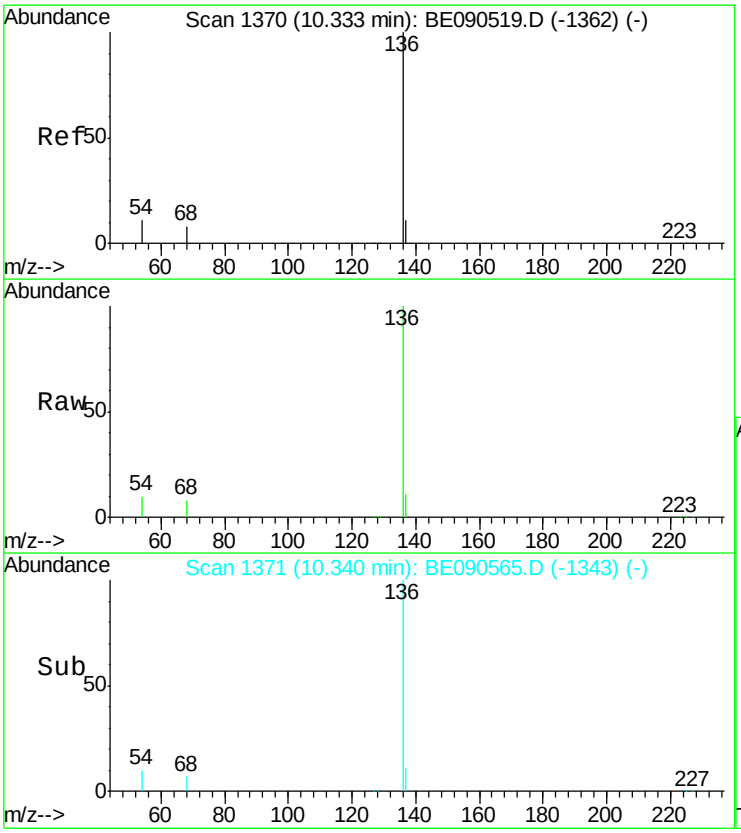
#5
Phenol-d6
Concen: 1.57 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion: 99 Resp: 14998

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.4
71	34.9	27.4	41.0

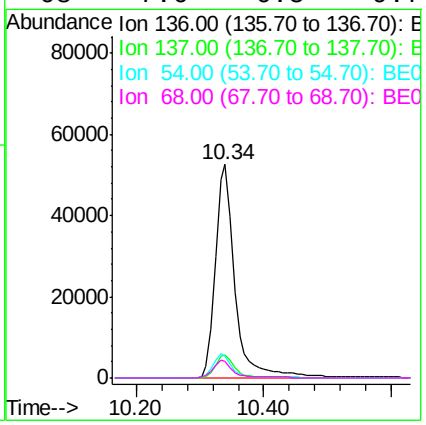


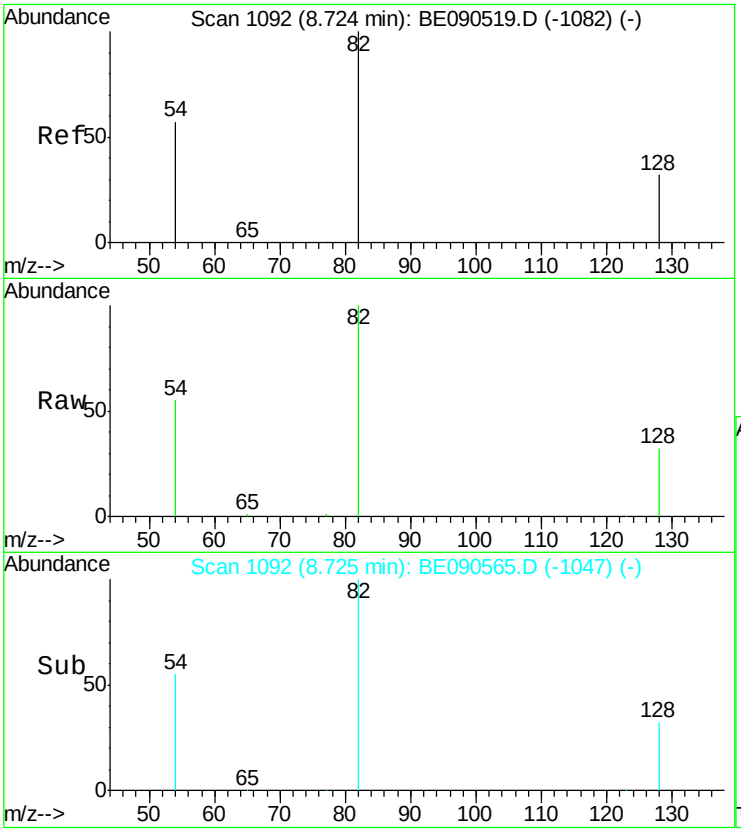


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:136 Resp: 112109

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.1	9.4	14.0
68	7.6	6.5	9.7



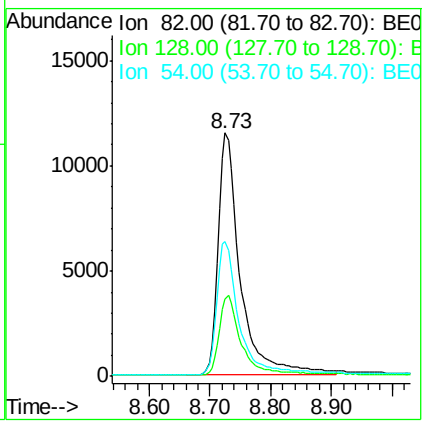


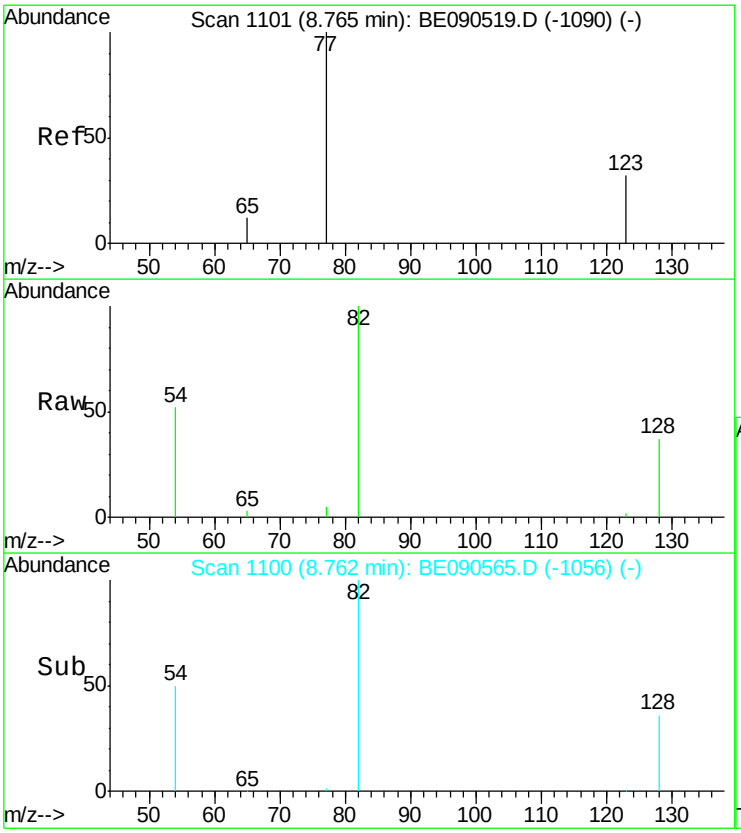
#7
Nitrobenzene-d5
Concen: 3.27 ng
RT: 8.73 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion: 82 Resp: 29208

Ion	Ratio	Lower	Upper
82	100		
128	31.9	25.0	37.6
54	55.3	48.8	73.2

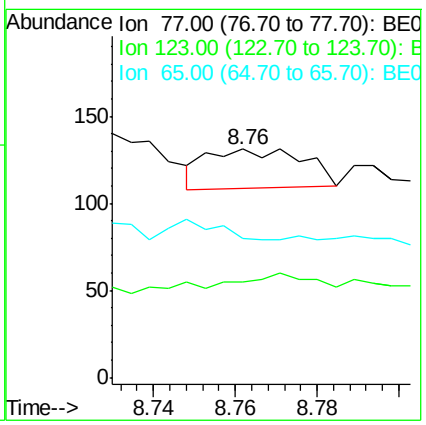


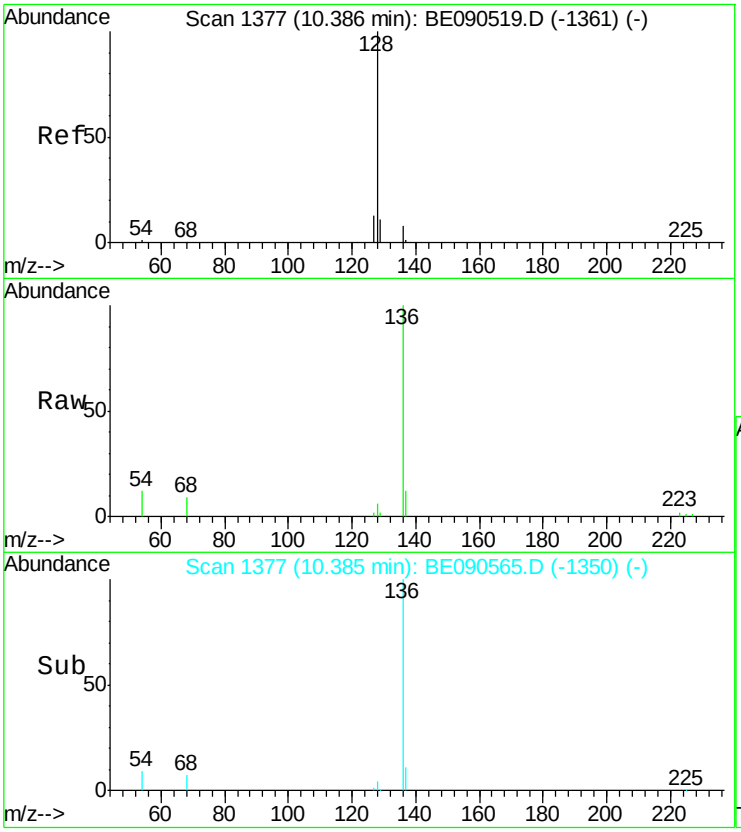


#8
Nitrobenzene
Concen: 0.00 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion: 77 Resp: 36

Ion	Ratio	Lower	Upper
77	100		
123	52.8	25.1	37.7#
65	0.0	9.3	13.9#



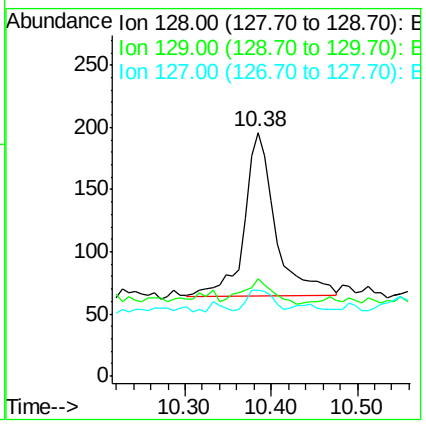


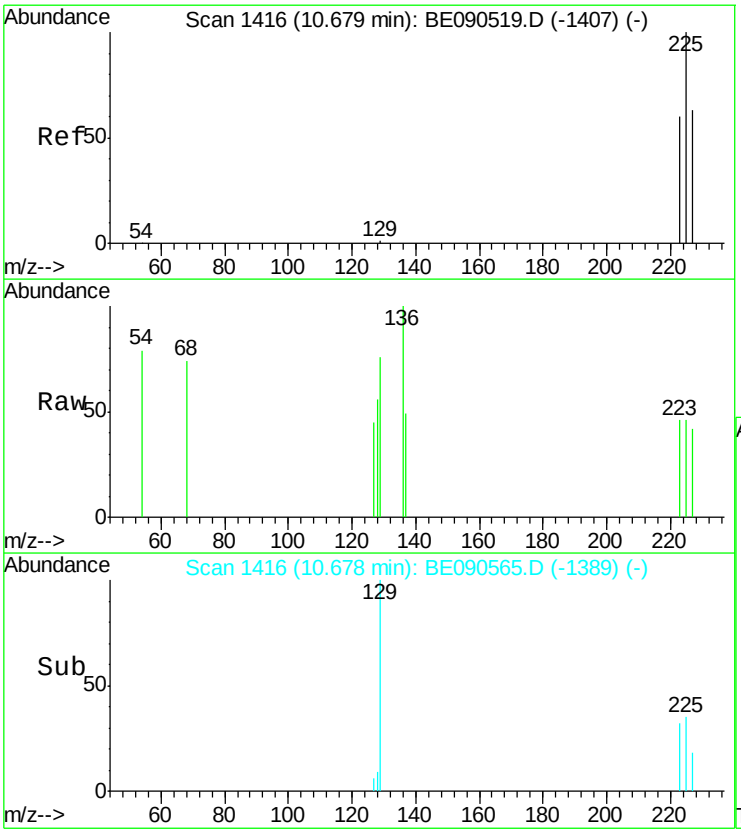
#9
Naphthalene
Concen: 0.01 ng
RT: 10.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:128 Resp: 332

Ion	Ratio	Lower	Upper
128	100		
129	39.8	9.8	14.6#
127	35.2	10.6	16.0#

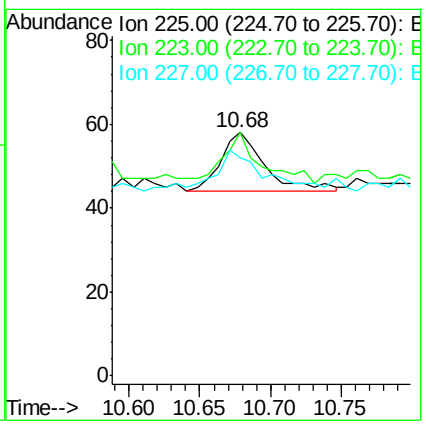


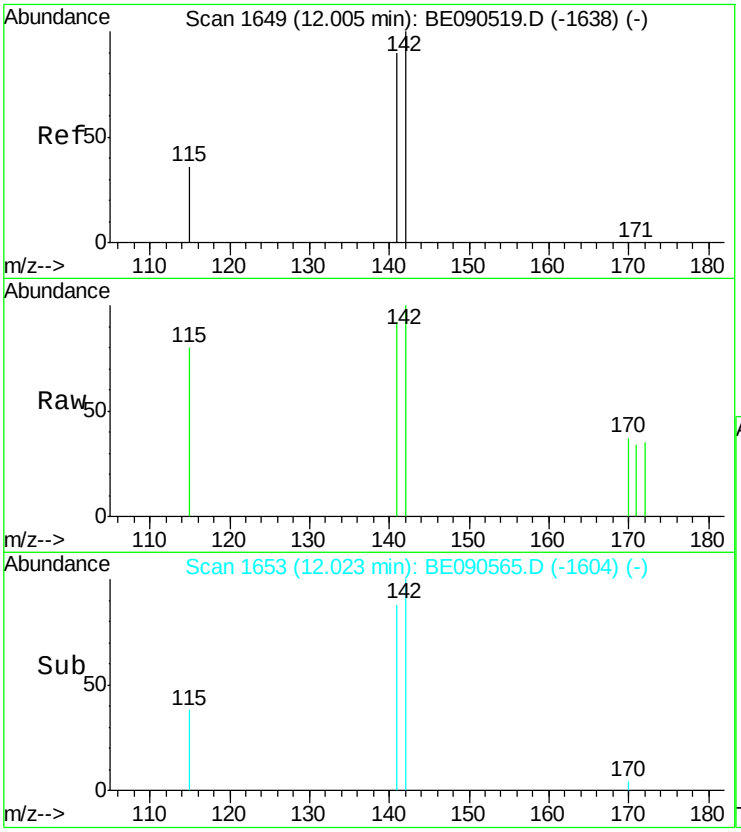


#10
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.68 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:225 Resp: 31

Ion	Ratio	Lower	Upper
225	100		
223	71.0	50.6	75.8
227	80.6	50.7	76.1#



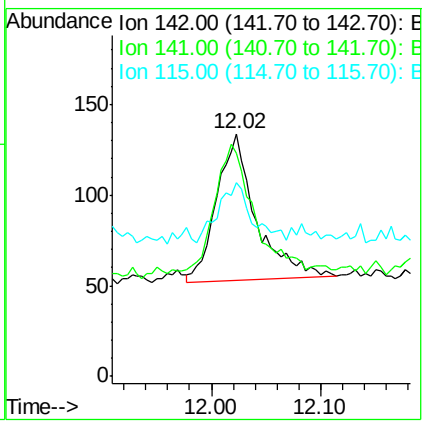


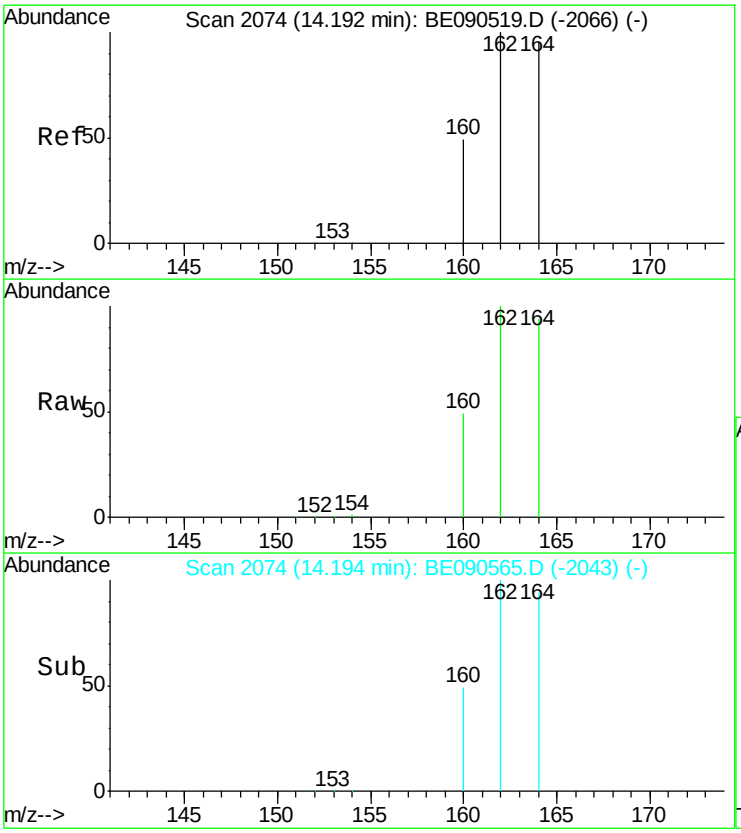
#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:142 Resp: 203

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	109.0
115	79.9	31.6	47.4#

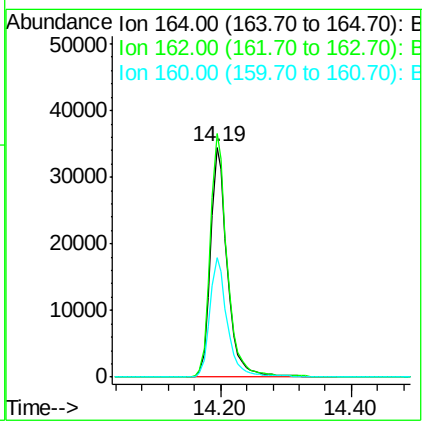


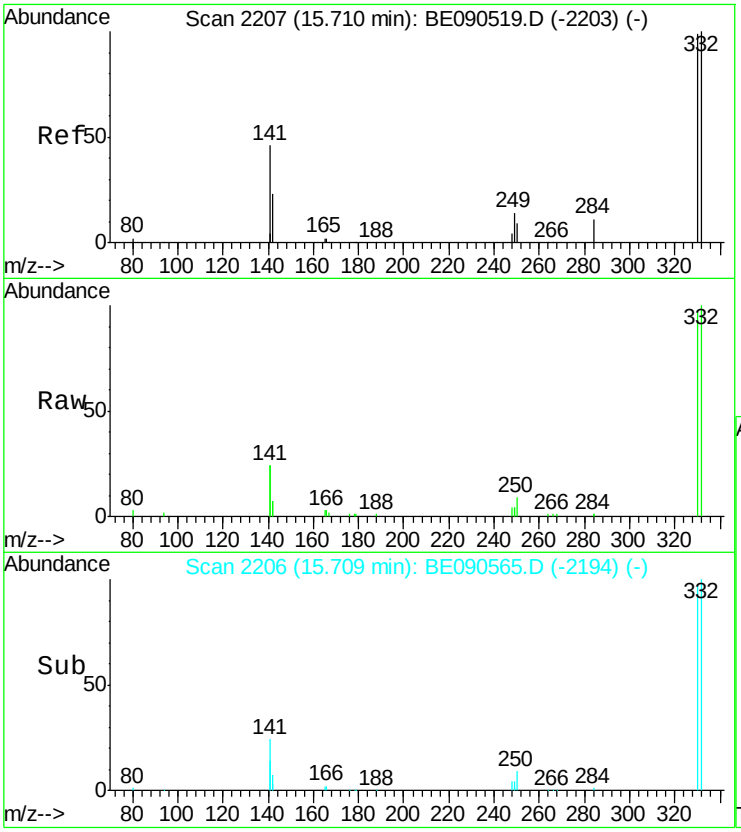


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:164 Resp: 61298

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.8	122.8
160	52.2	44.2	66.4



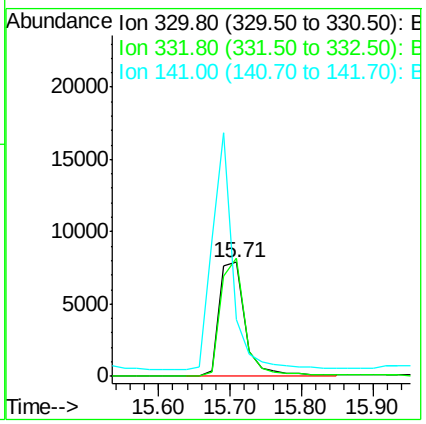


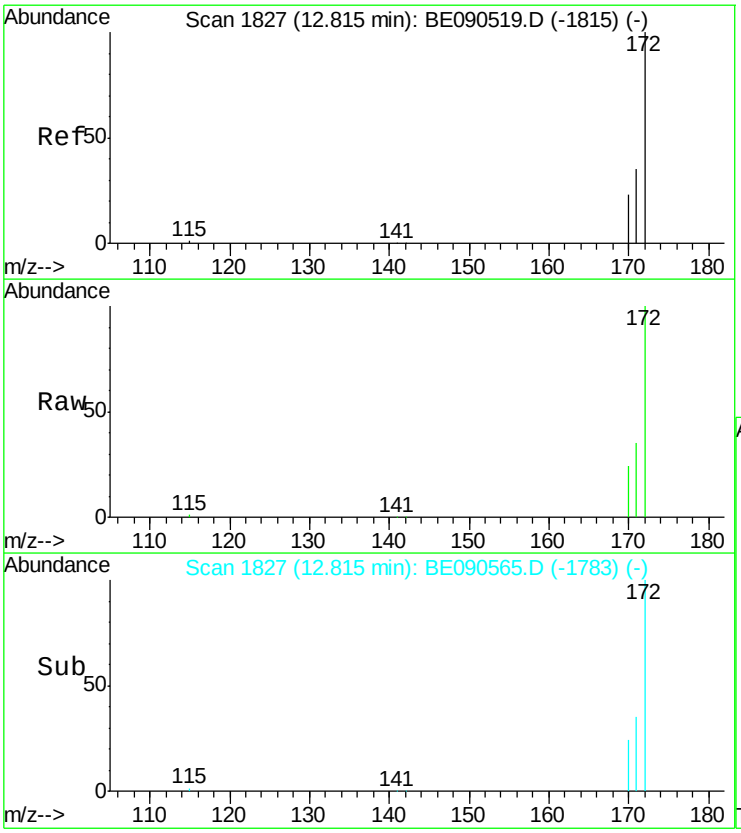
#13
2,4,6-Tribromophenol
Concen: 8.36 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:330 Resp: 19714

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.8	113.6
141	167.8	114.4	171.6

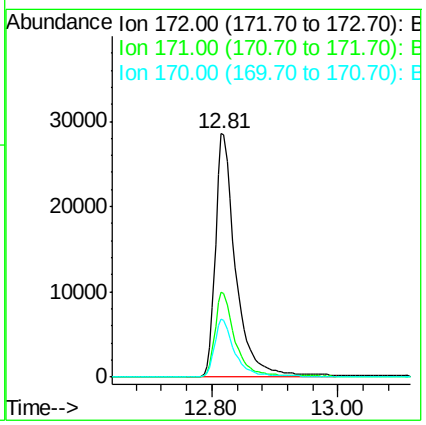


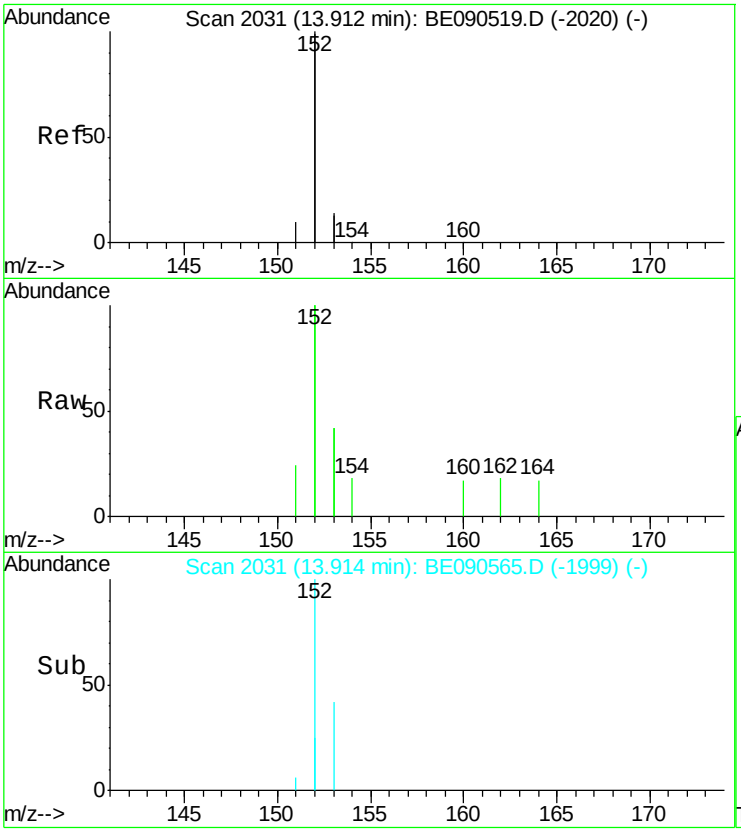


#14
2-Fluorobiphenyl
Concen: 3.47 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:172 Resp: 63502

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.0	19.8	29.8



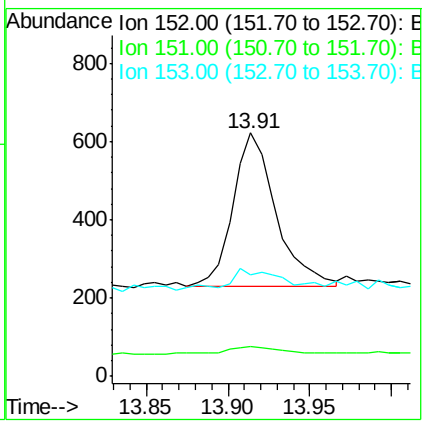


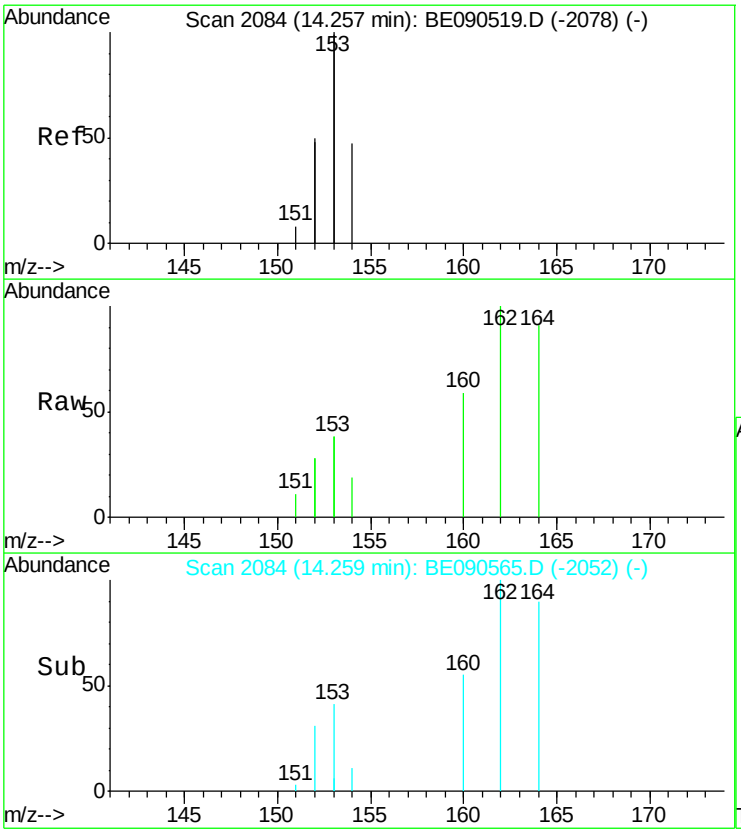
#15
Acenaphthylene
Concen: 0.01 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:152 Resp: 717

Ion	Ratio	Lower	Upper
152	100		
151	5.3	3.8	5.8
153	11.3	10.3	15.5

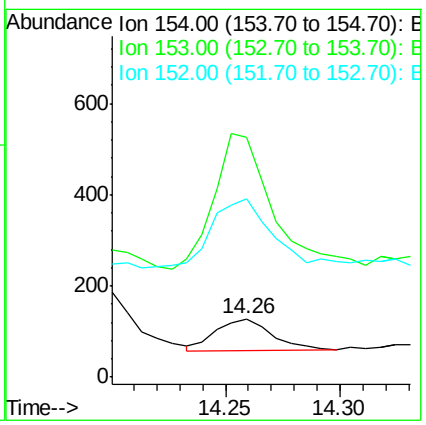


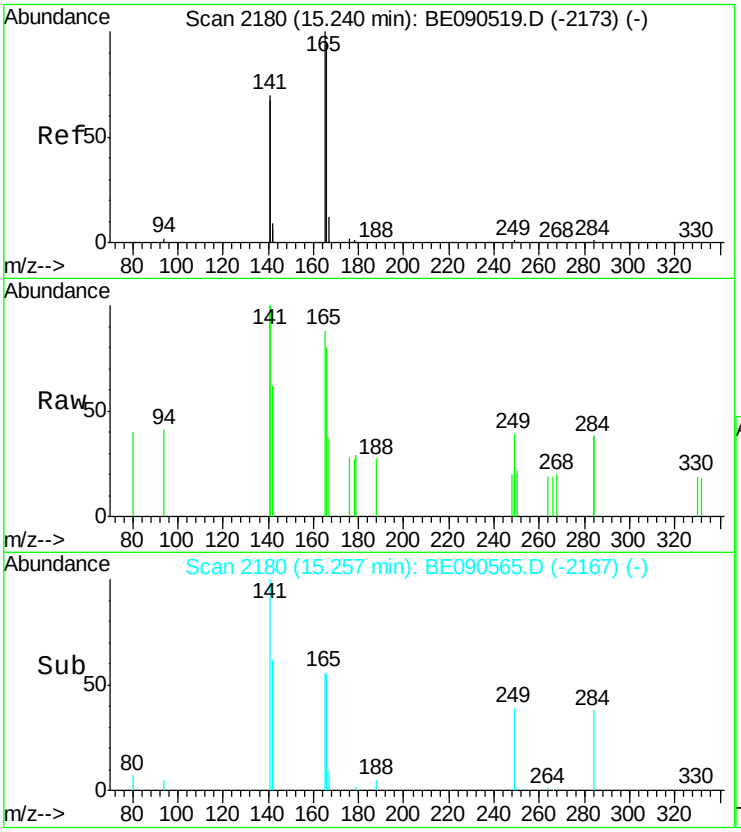


#16
Acenaphthene
Concen: 0.01 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:154 Resp: 120

Ion	Ratio	Lower	Upper
154	100		
153	485.0	376.2	564.2
152	230.0	235.0	352.4#



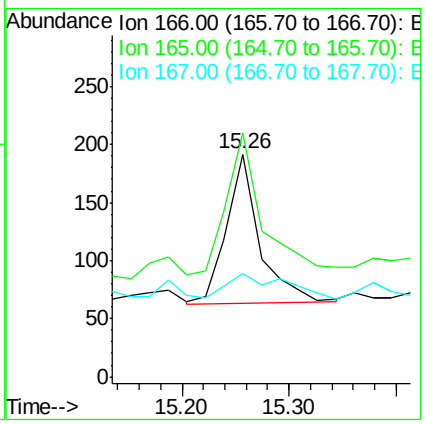


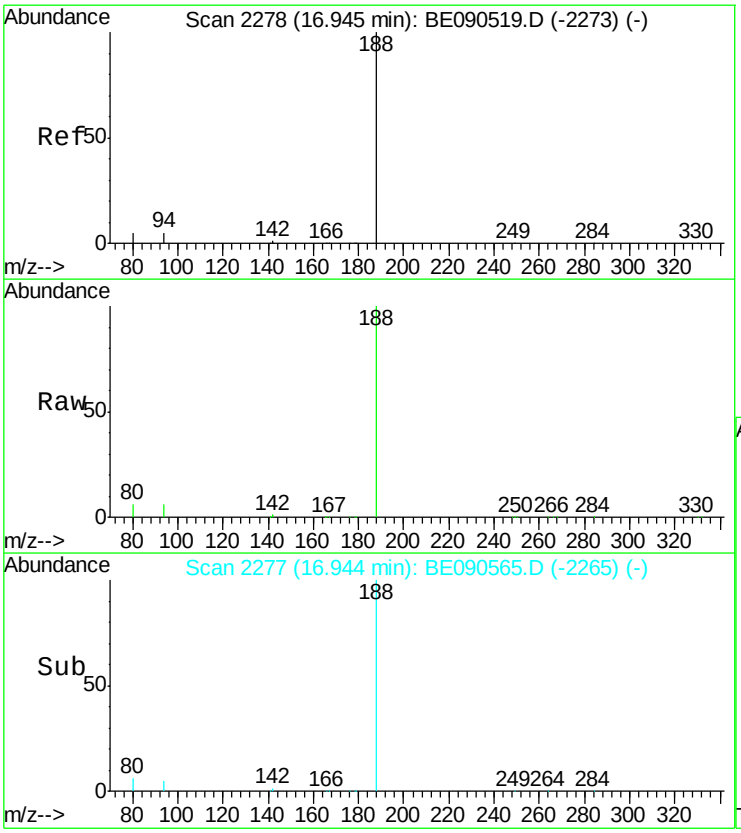
#17
Fluorene
Concen: 0.01 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:166 Resp: 277

Ion	Ratio	Lower	Upper
166	100		
165	187.0	81.5	122.3#
167	33.9	11.4	17.0#

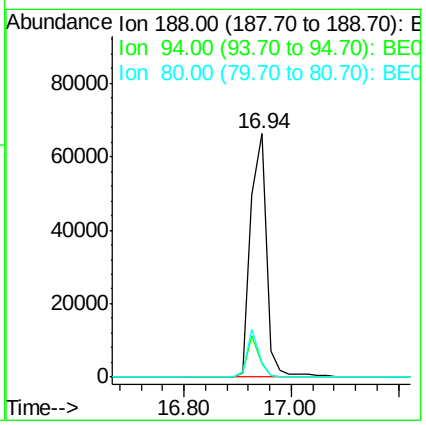


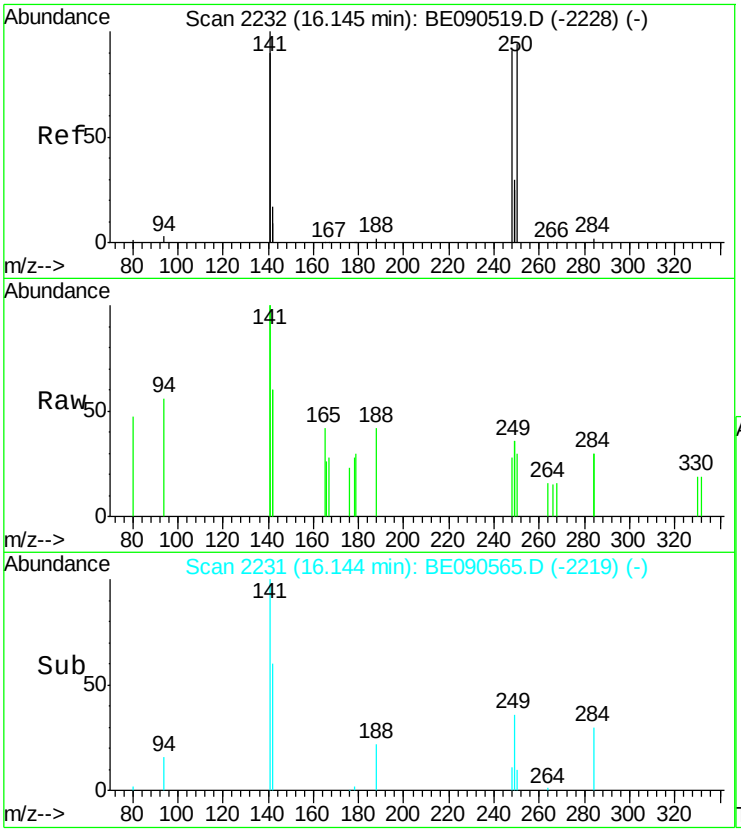


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:188 Resp: 134833

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	5.7	5.8	8.8#



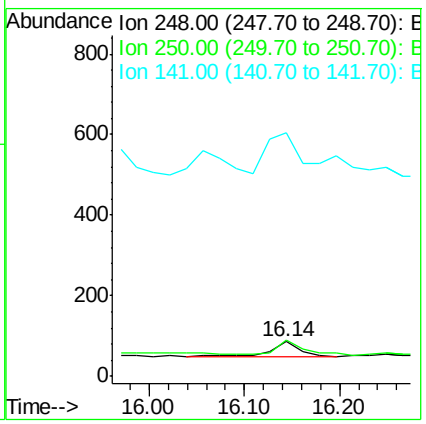


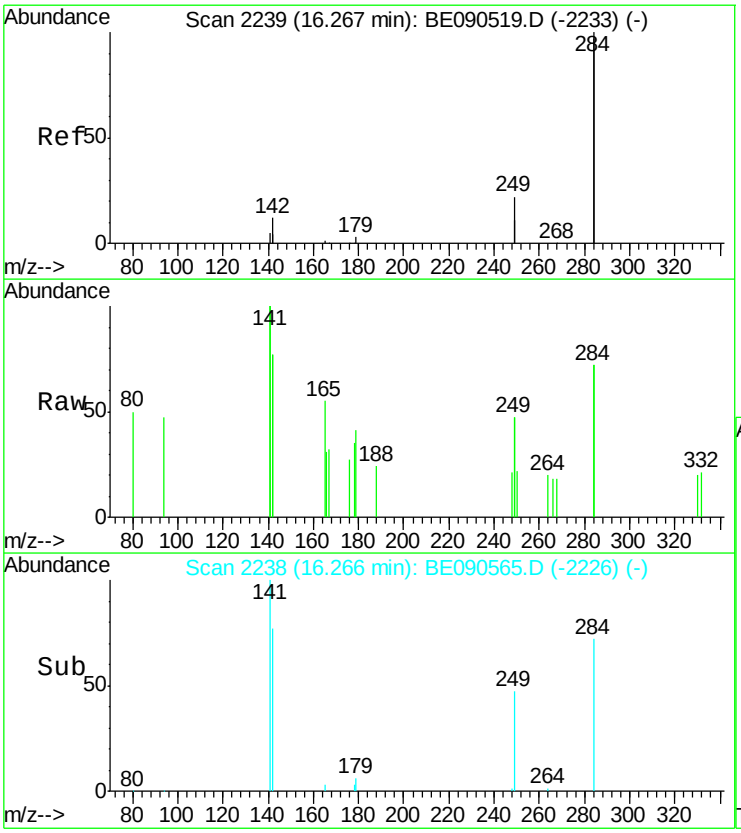
#19
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:248 Resp: 69

Ion	Ratio	Lower	Upper
248	100		
250	101.4	79.0	118.6
141	550.7	239.5	359.3#

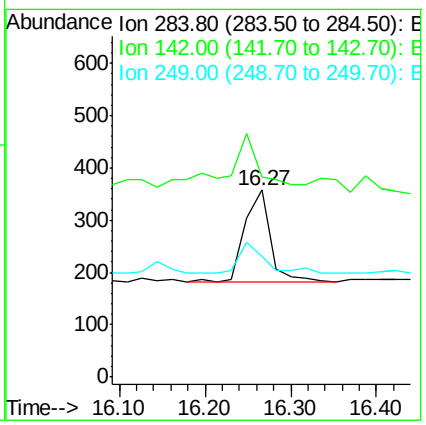


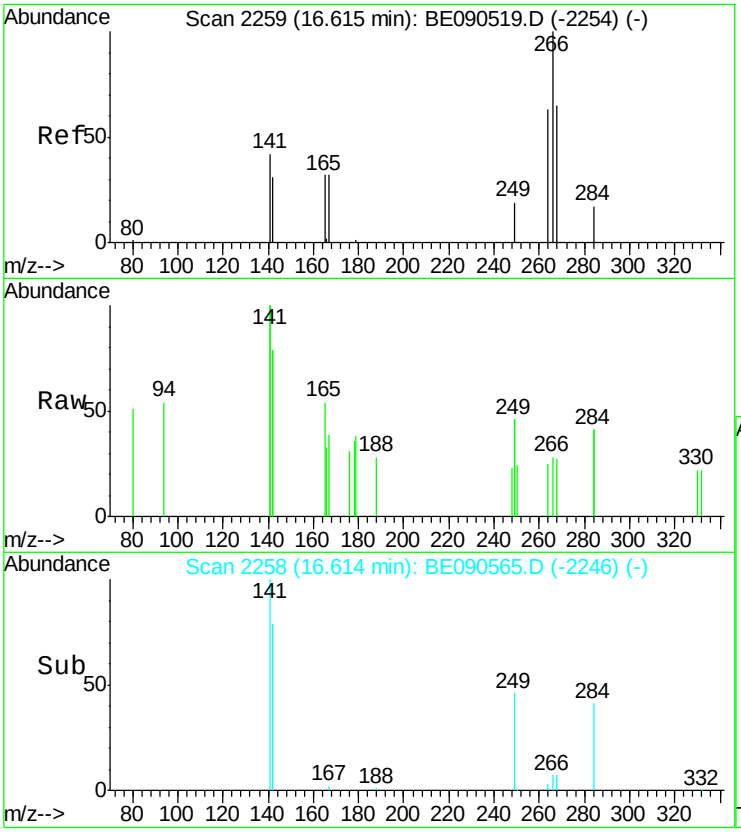


#20
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:284 Resp: 367

Ion	Ratio	Lower	Upper
284	100		
142	64.9	30.1	45.1#
249	34.6	25.7	38.5



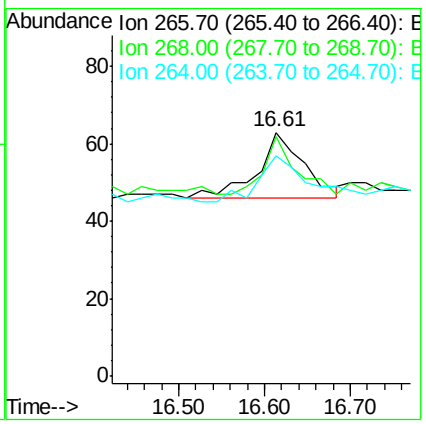


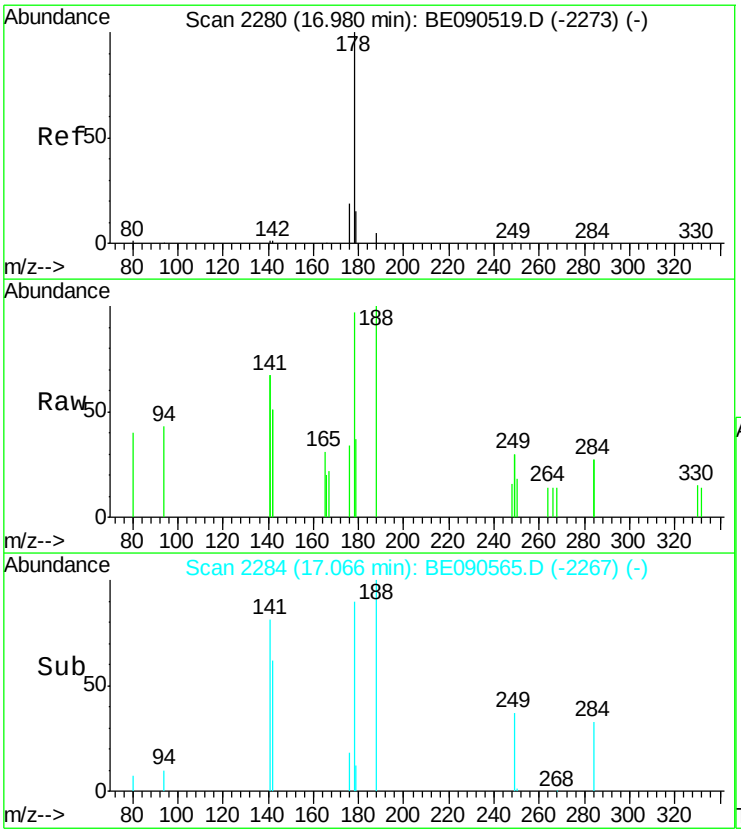
#21
Pentachlorophenol
Concen: 0.32 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
268	98.4	58.5	87.7#
264	90.5	56.0	84.0#

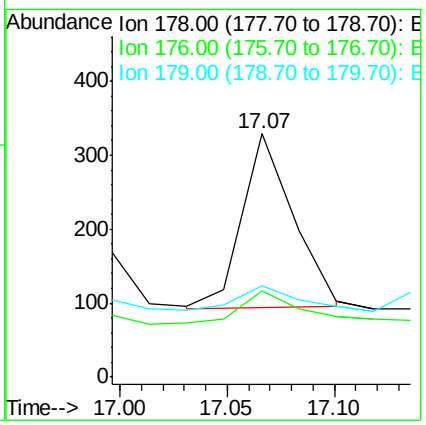


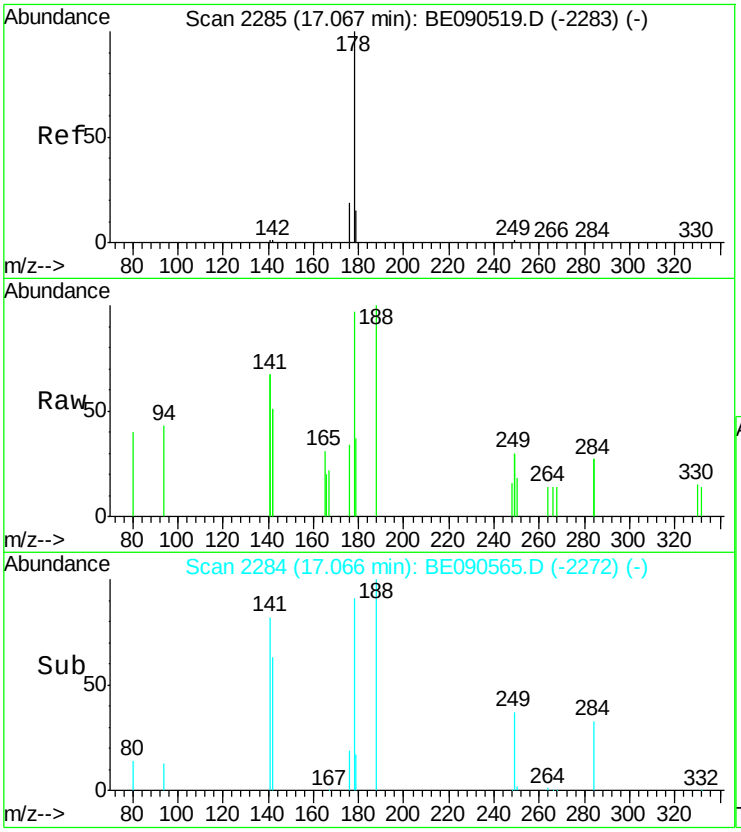


#22
Phenanthrene
Concen: 0.01 ng
RT: 17.07 min Scan# 2284
Delta R.T. 0.09 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:178 Resp: 384

Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.4	23.2
179	16.4	12.5	18.7



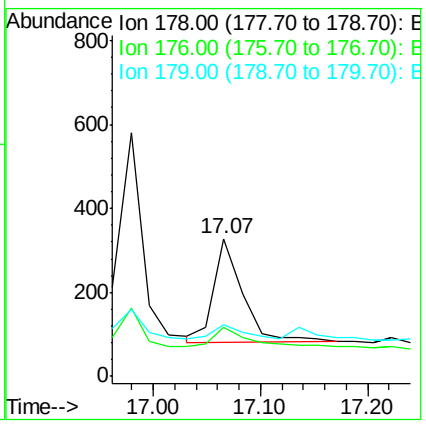


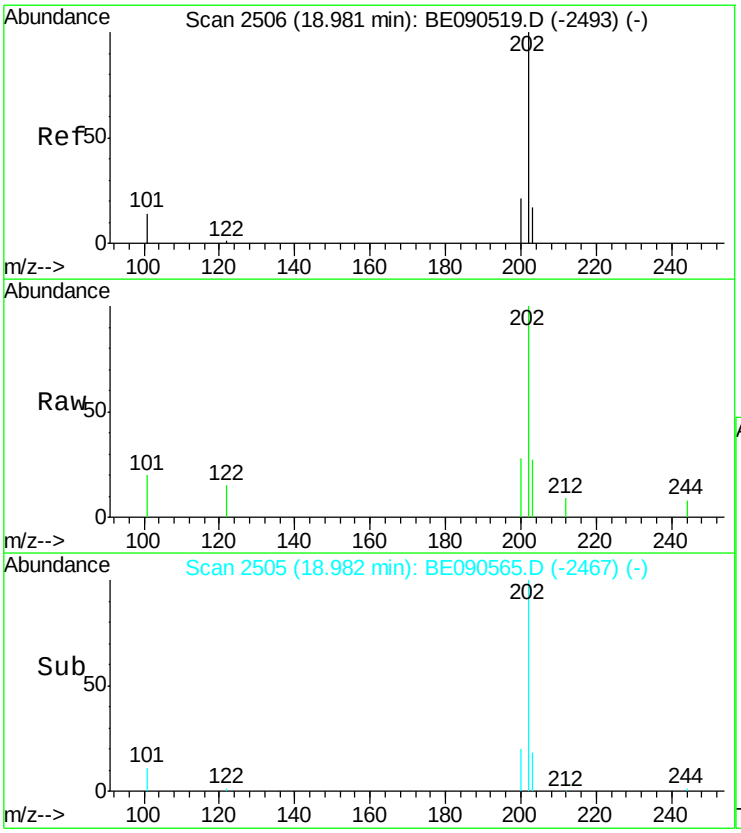
#23
Anthracene
Concen: 0.01 ng
RT: 17.07 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:178 Resp: 459

Ion	Ratio	Lower	Upper
178	100		
176	26.4	14.9	22.3#
179	16.8	12.2	18.4

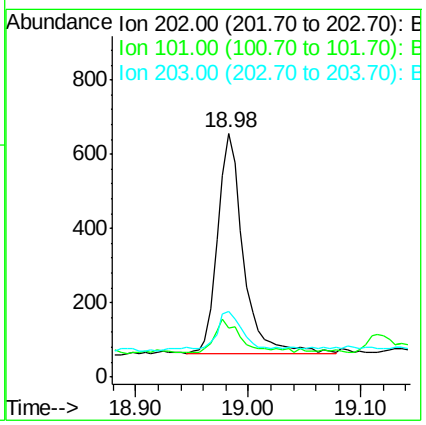


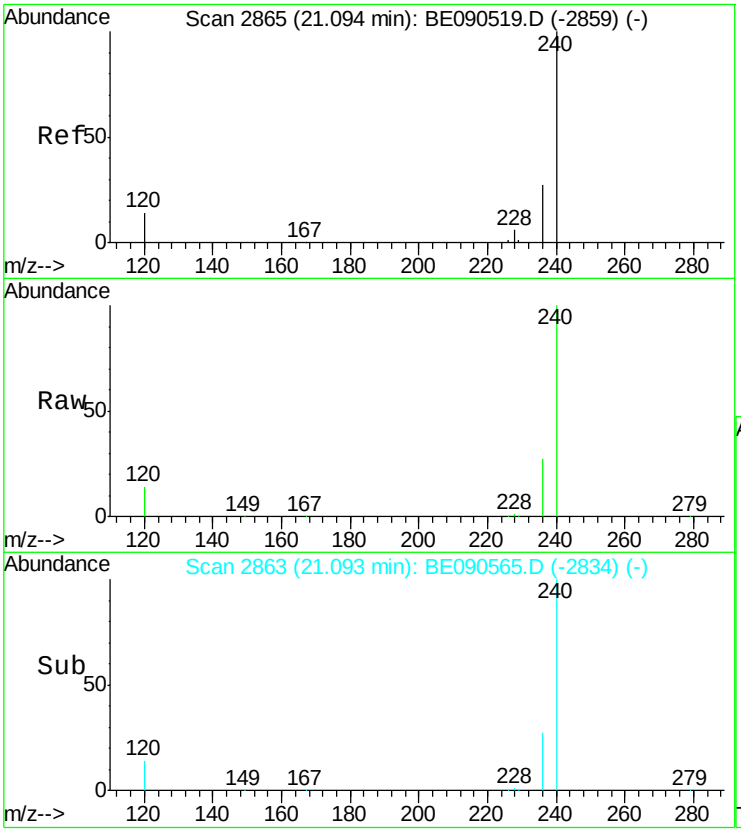


#24
Fluoranthene
Concen: 0.03 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:202 Resp: 951

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.3	15.5
203	15.1	13.7	20.5



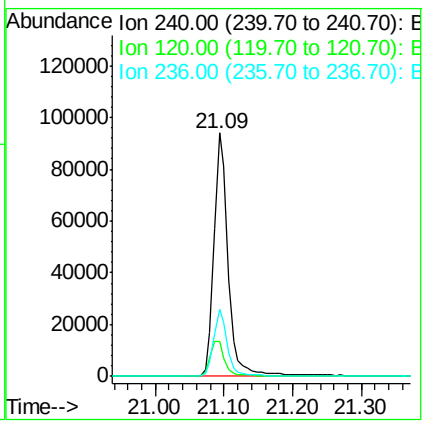


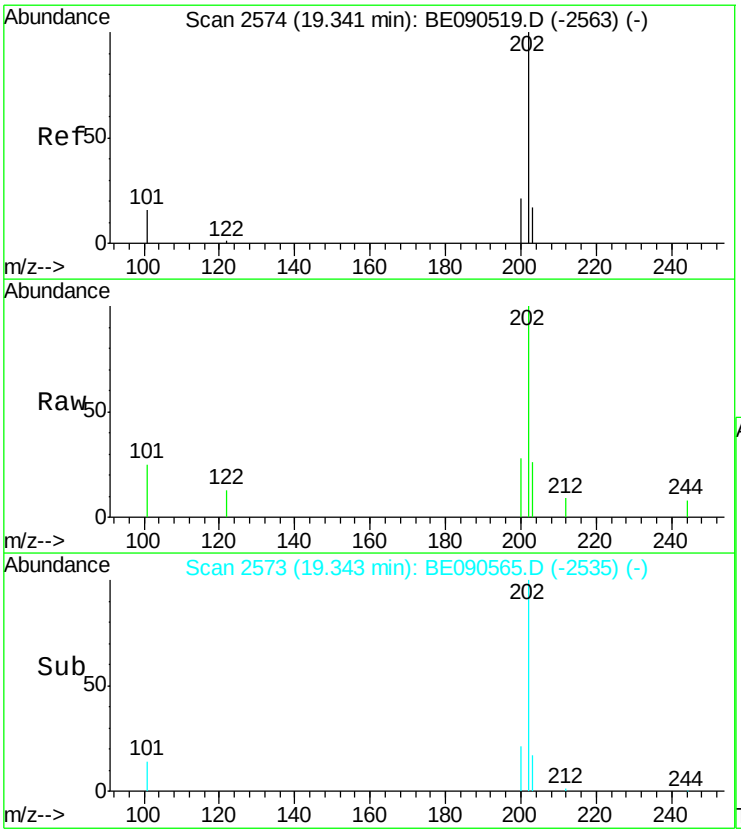
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:240 Resp: 134559

Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.3	12.5#
236	27.3	21.0	31.4

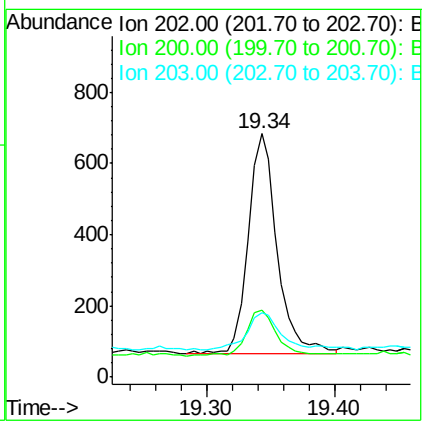


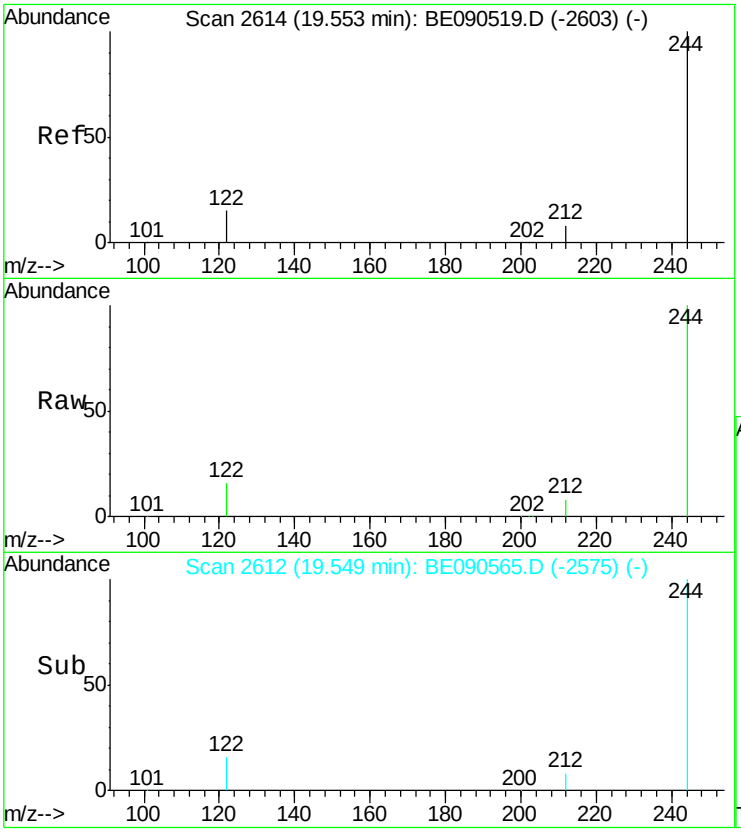


#26
Pyrene
Concen: 0.02 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:202 Resp: 961

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.6	13.8	20.8



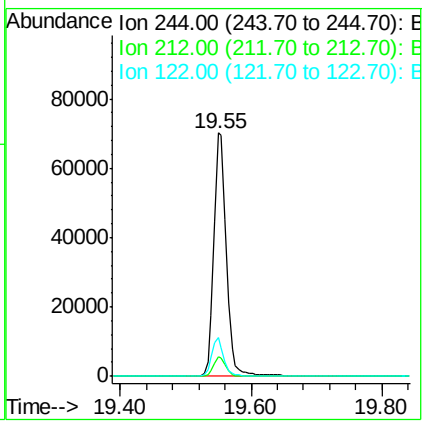


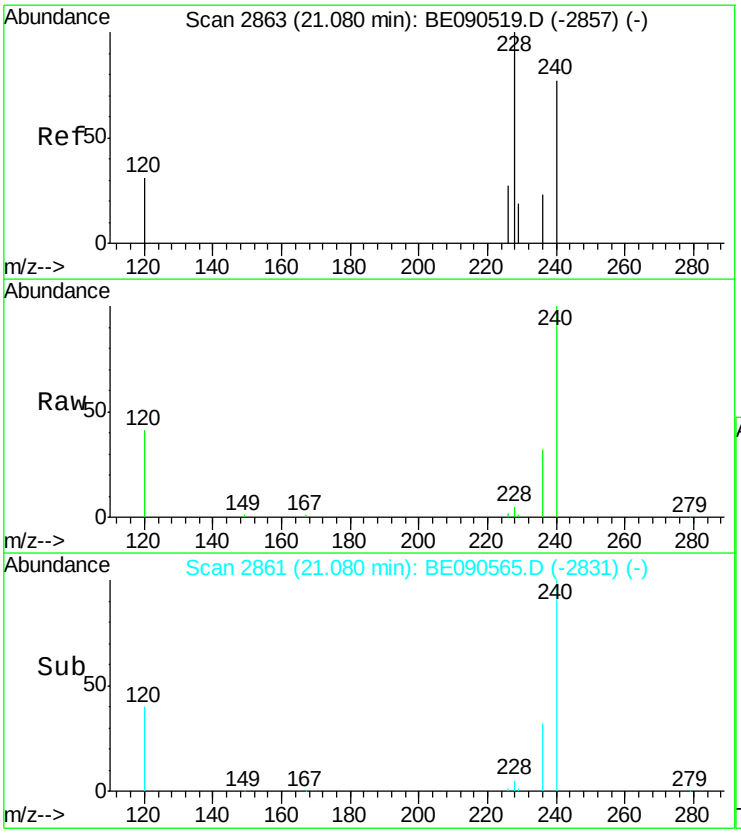
#27
Terphenyl-d14
Concen: 3.81 ng
RT: 19.55 min Scan# 2612
Delta R.T. -0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:244 Resp: 93804

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	15.9	10.2	15.4#

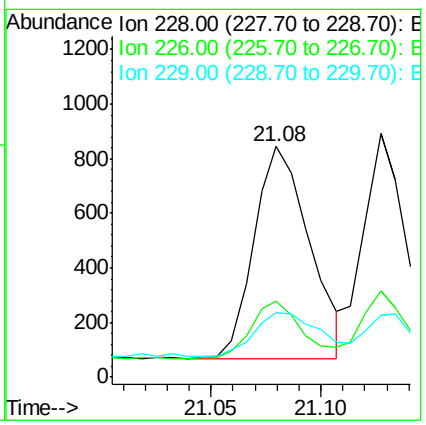


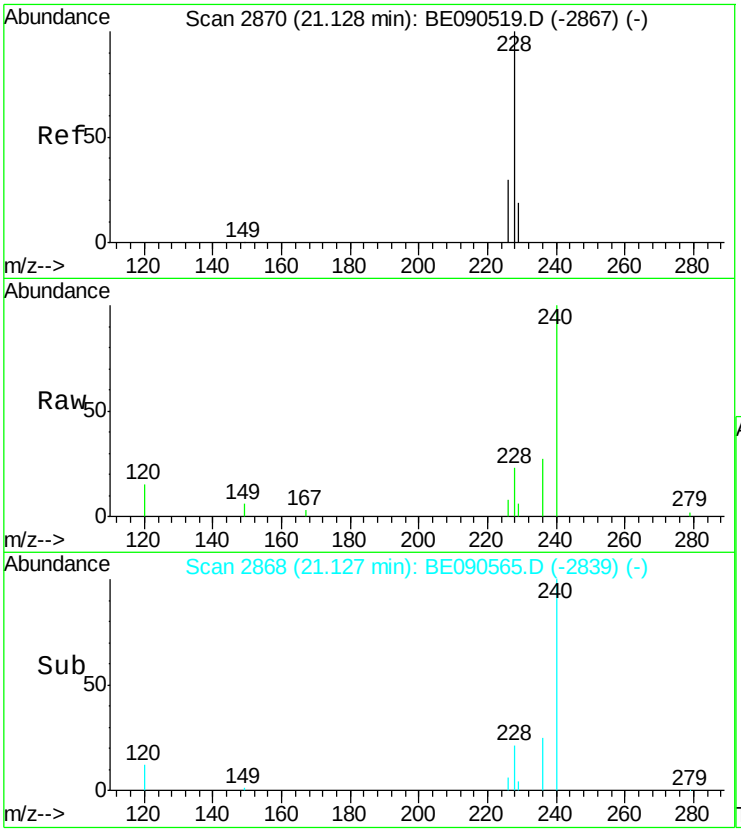


#28
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.08 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:228 Resp: 1374

Ion	Ratio	Lower	Upper
228	100		
226	32.9	21.9	32.9#
229	27.8	15.4	23.0#



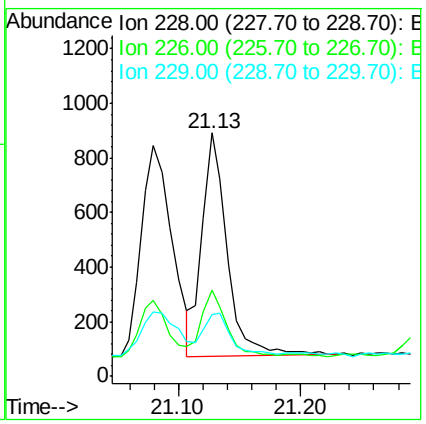


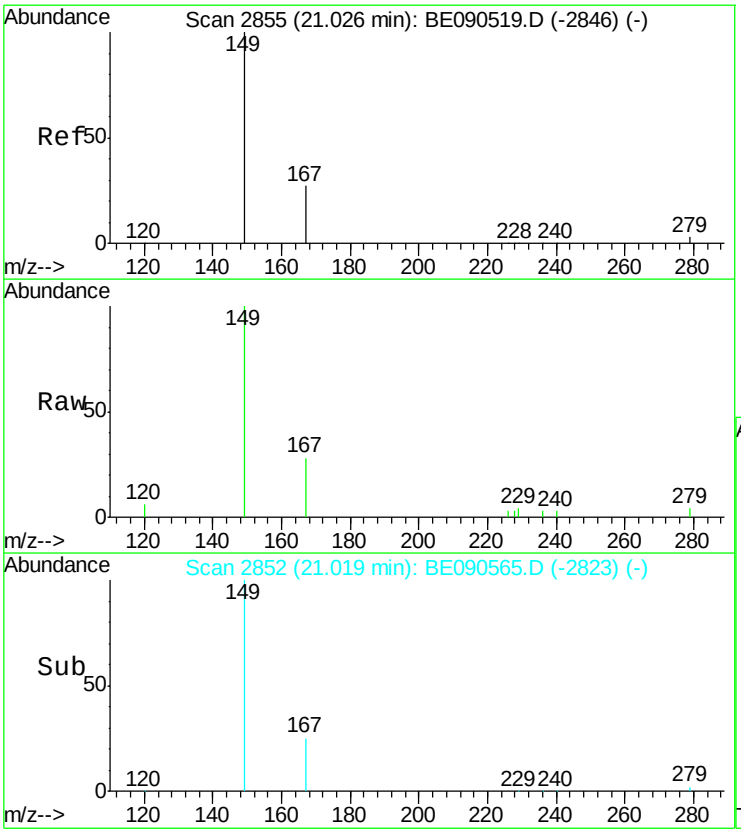
#29
Chrysene
Concen: 0.03 ng
RT: 21.13 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:228 Resp: 1162

Ion	Ratio	Lower	Upper
228	100		
226	35.4	23.1	34.7#
229	25.2	15.8	23.8#

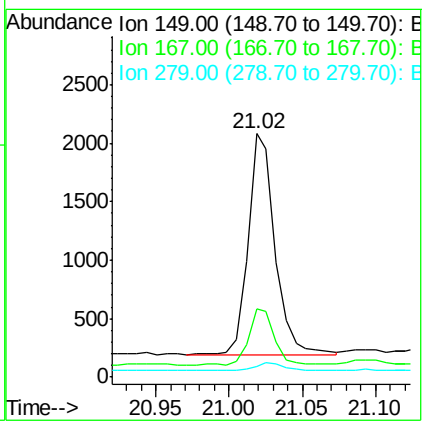


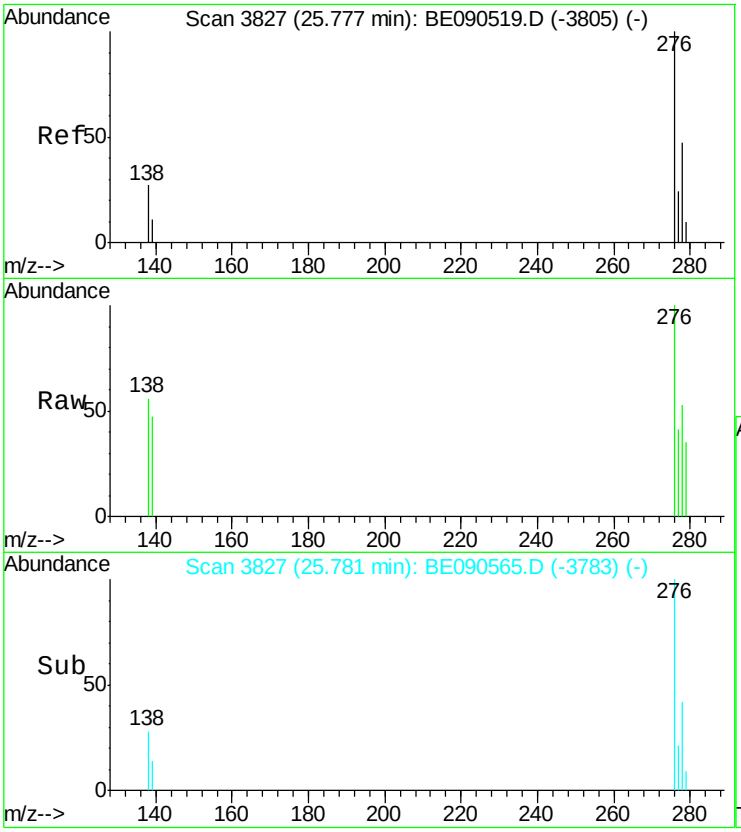


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.02 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:149 Resp: 2402

Ion	Ratio	Lower	Upper
149	100		
167	24.4	19.8	29.8
279	3.2	2.4	3.6



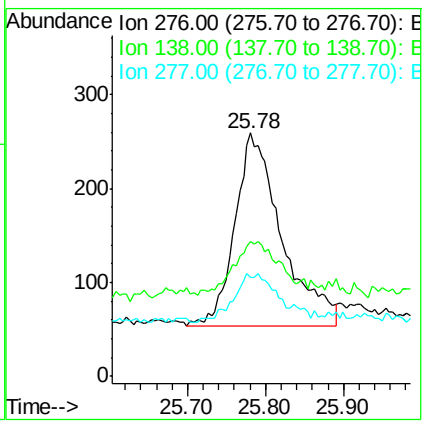


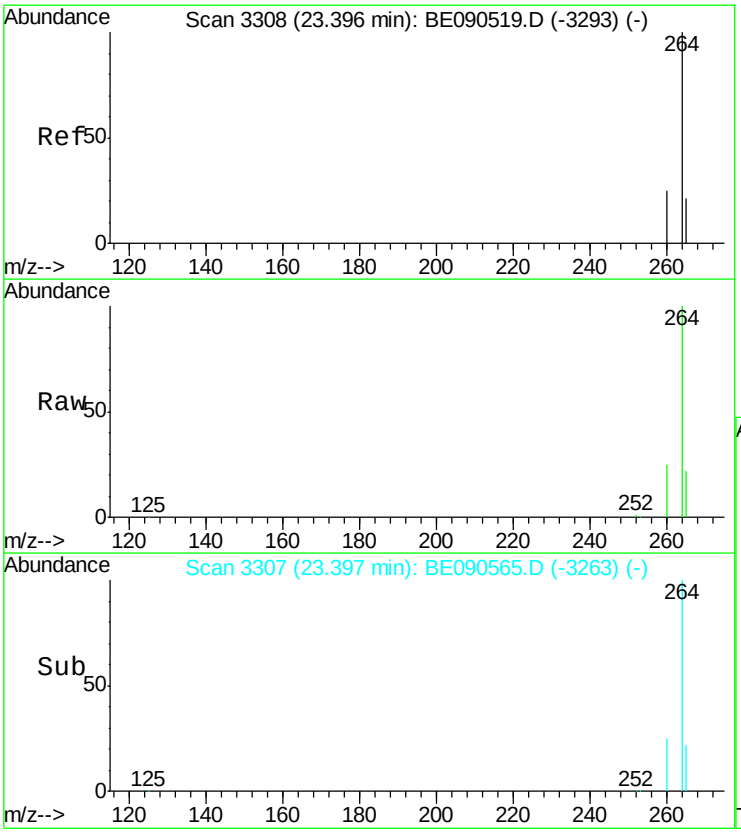
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:276 Resp: 853

Ion	Ratio	Lower	Upper
276	100		
138	26.8	18.8	28.2
277	19.2	18.2	27.4

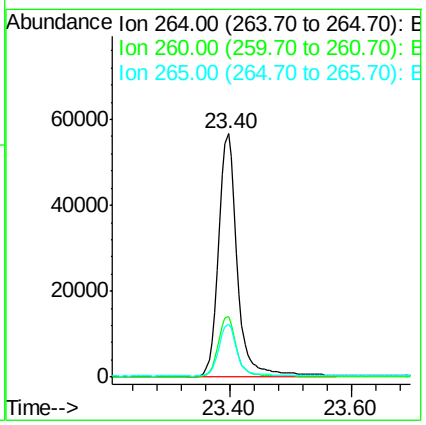


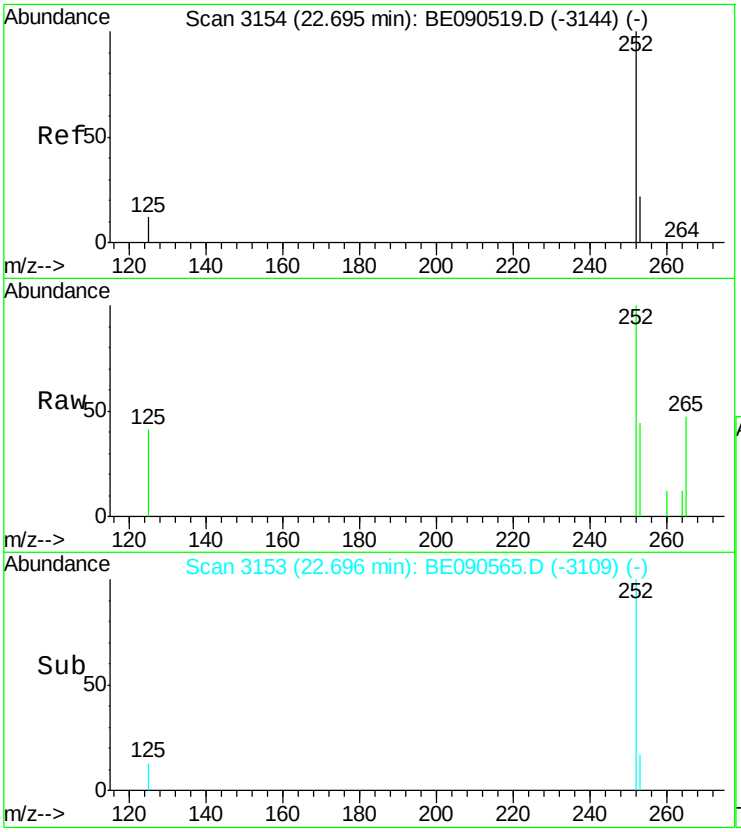


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:264 Resp: 122151

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.0	17.2	25.8



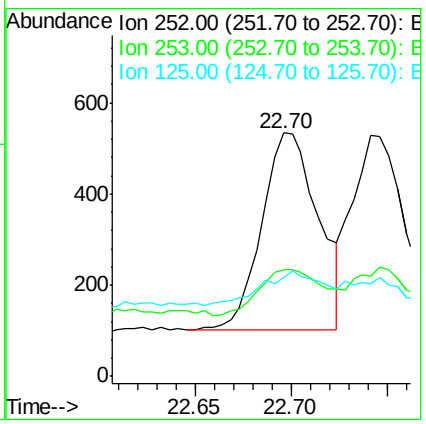


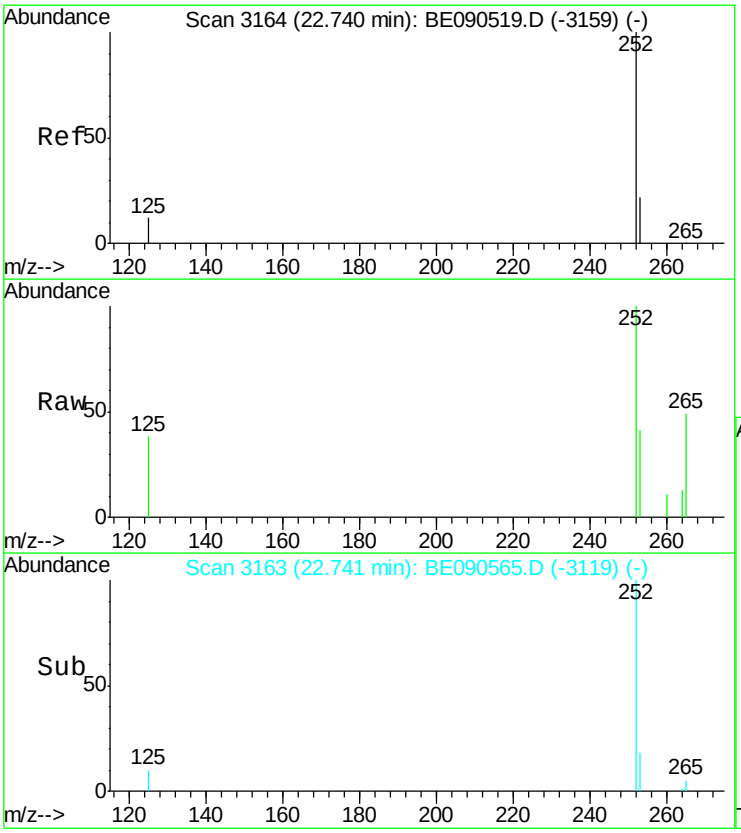
#33
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.70 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:252 Resp: 887

Ion	Ratio	Lower	Upper
252	100		
253	43.8	18.1	27.1#
125	40.6	9.4	14.2#

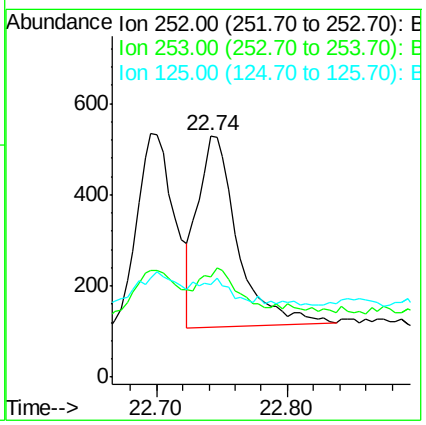


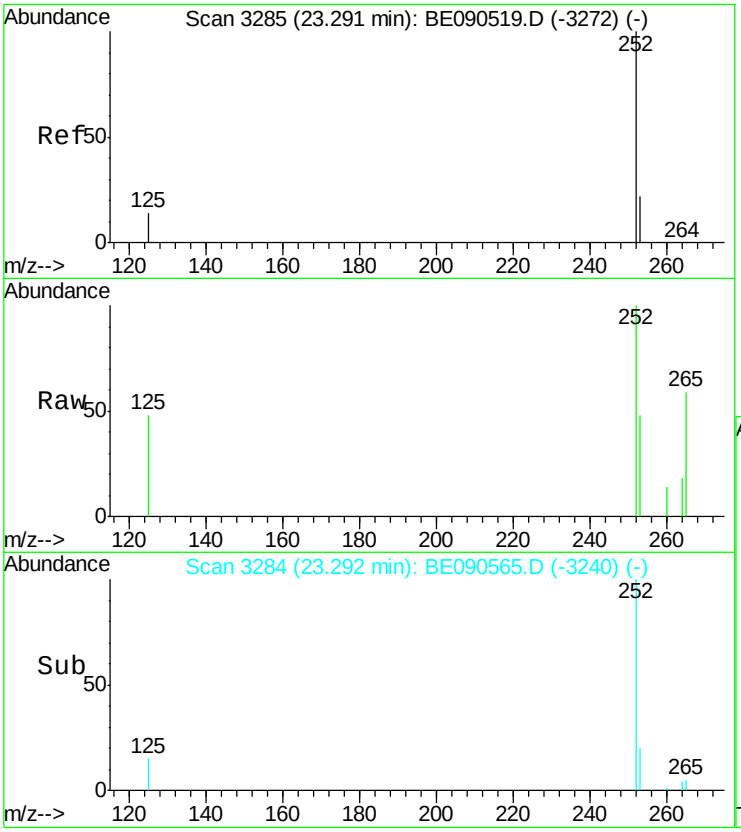


#34
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:252 Resp: 887

Ion	Ratio	Lower	Upper
252	100		
253	41.3	18.1	27.1#
125	38.3	9.1	13.7#



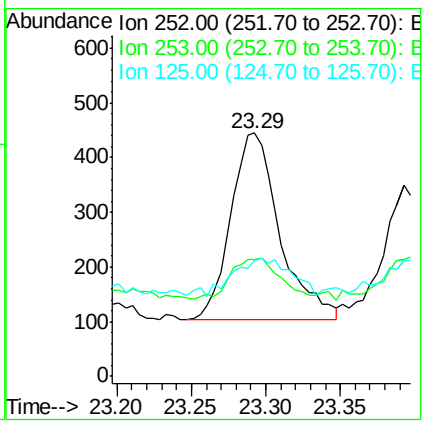


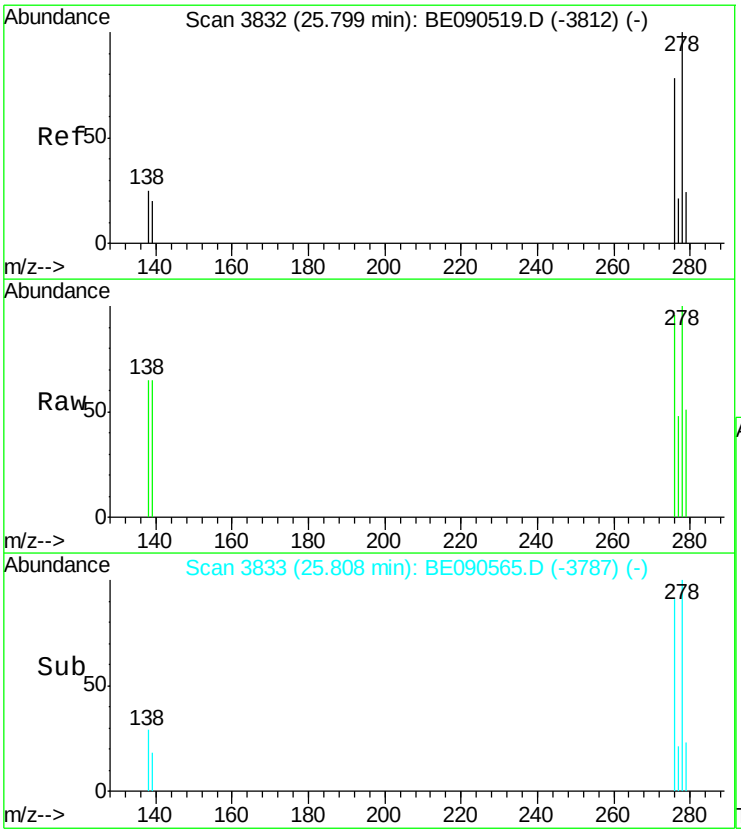
#35
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:252 Resp: 772

Ion	Ratio	Lower	Upper
252	100		
253	47.9	17.6	26.4#
125	47.6	9.8	14.6#

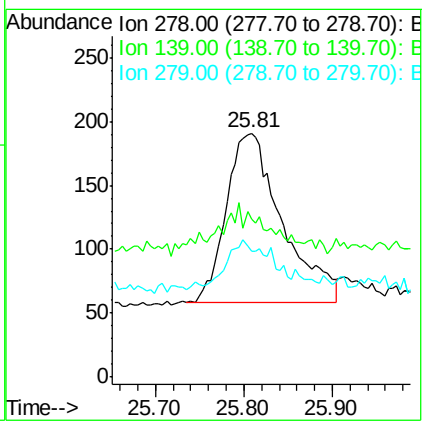


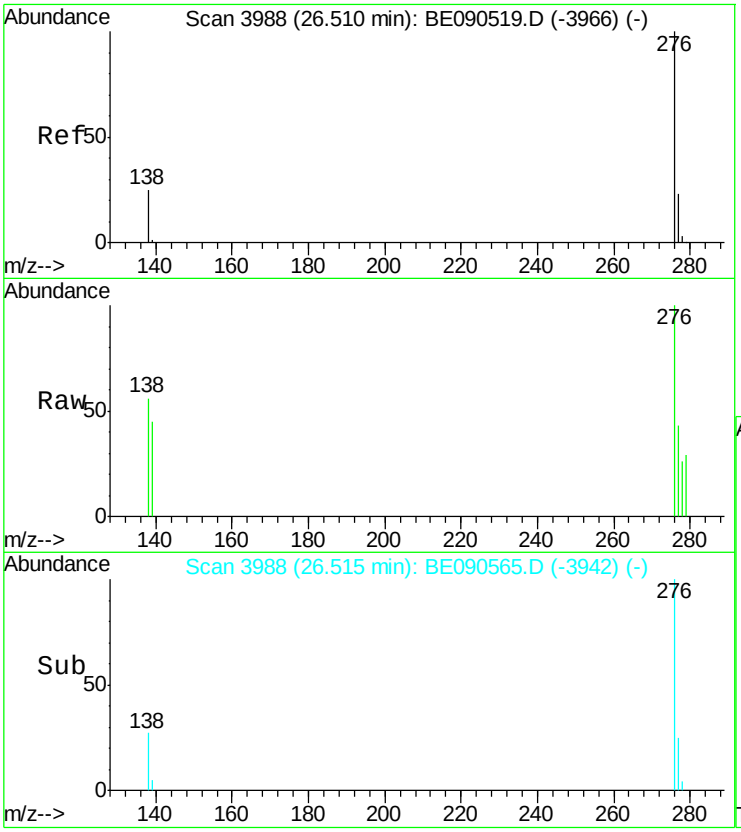


#36
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.81 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Tgt Ion:278 Resp: 584

Ion	Ratio	Lower	Upper
278	100		
139	64.9	14.2	21.4#
279	51.3	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.51 min Scan# 3988
Delta R.T. 0.01 min
Lab File: BE090565.D
Acq: 18 Aug 2015 21:53

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-D-B

Tgt Ion:276 Resp: 756

Ion	Ratio	Lower	Upper
276	100		
277	43.0	20.1	30.1#
138	56.2	18.1	27.1#