Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090560.D
Acq On : 18 Aug 2015 18:48
Operator : UM/IZ
Sample : G3329-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 081515-D534-F-U-S

Quant Time: Aug 19 02:33:31 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	21228	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	106733	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	57646	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	125931	5.00	ng	0.00
25) Chrysene-d12	21.09	240	123111	5.00	ng	0.00
32) Perylene-d12	23.40	264	111804	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	18027	2.94	ng	0.00
5) Phenol-d6	6.78	99	16069	1.78	ng	0.00
7) Nitrobenzene-d5	8.73	82	30215	3.55	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19551	8.81	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	65073	3.78	ng	0.00
27) Terphenyl-d14	19.55	244	94270	4.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	35	Below Cal	#	15
3) n-Nitrosodimethylamine	3.48	42	24	0.01	ng #	1
8) Nitrobenzene	8.73	77	69	0.01	ng #	18
9) Naphthalene	10.38	128	225	0.01	ng #	1
10) Hexachlorobutadiene	10.69	225	2	0.00	ng #	68
11) 2-Methylnaphthalene	12.02	142	74	0.00	ng #	70
15) Acenaphthylene	13.91	152	187	0.00	ng	97
16) Acenaphthene	14.26	154	39	0.00	ng #	78
17) Fluorene	15.26	166	115	0.01	ng #	44
19) 4-Bromophenyl-phenylether	16.14	248	15	0.00	ng #	1
20) Hexachlorobenzene	16.27	284	25	0.00	ng #	1
21) Pentachlorophenol	16.61	266	43	0.32	ng #	72
22) Phenanthrene	16.98	178	492	0.01	ng #	80
23) Anthracene	17.07	178	127	0.00	ng #	43
24) Fluoranthene	18.98	202	253	0.01	ng #	77
26) Pyrene	19.34	202	255	0.01	ng #	85
28) Benzo(a)anthracene	21.09	228	470	0.01	ng #	73
29) Chrysene	21.09	228	470	0.01	ng #	76
30) Bis(2-ethylhexyl)phthalate	21.02	149	4155	0.35	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	264	0.01	ng #	73
33) Benzo(b)fluoranthene	22.70	252	158	0.01	ng #	1
34) Benzo(k)fluoranthene	22.70	252	158	0.01	ng #	1
35) Benzo(a)pyrene	23.29	252	150	0.01	ng #	1
36) Dibenzo(a,h)anthracene	25.80	278	93	0.00	ng #	1
37) Benzo(g,h,i)perylene	26.52	276	196	0.01	ng #	1

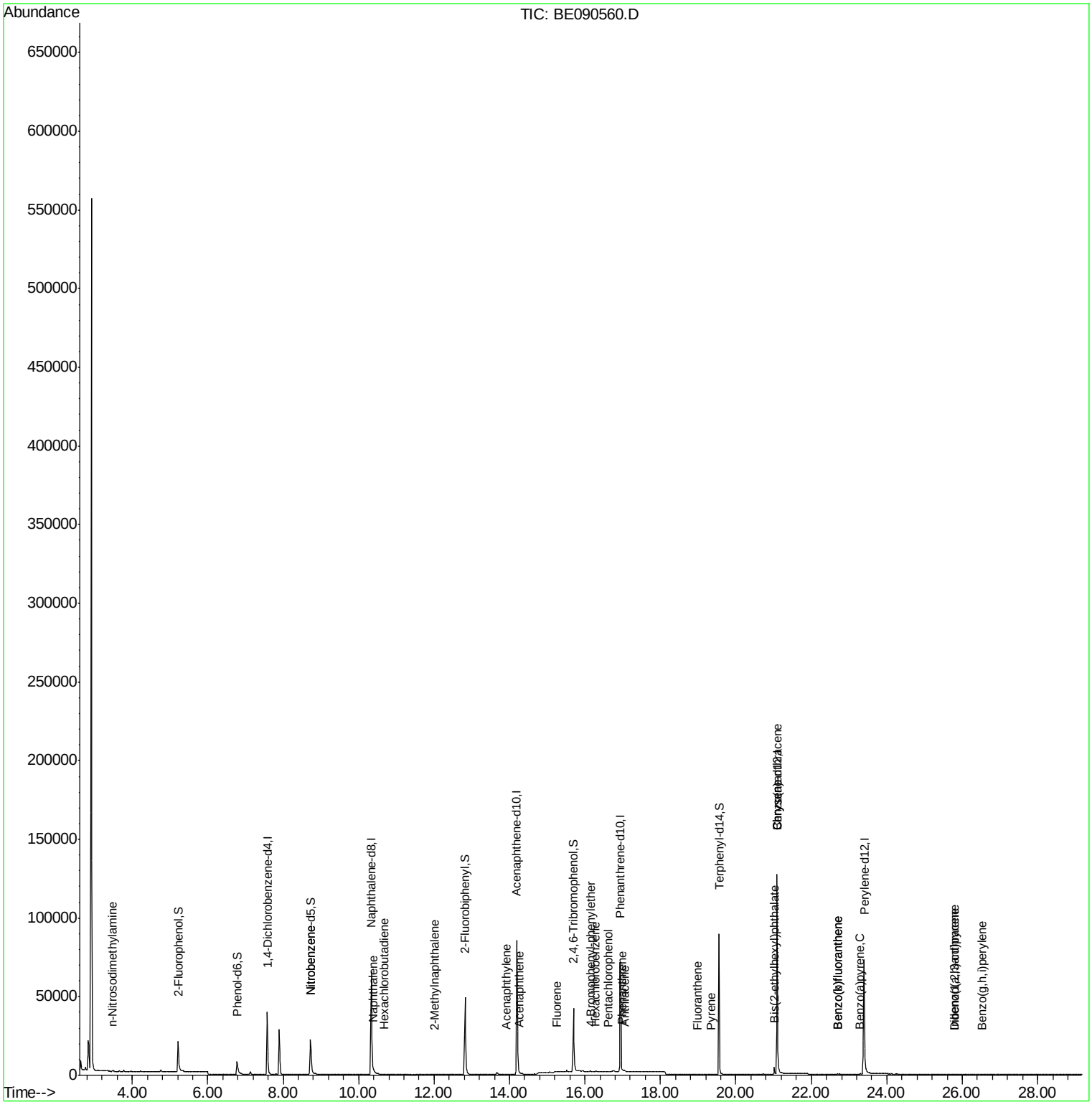
(#) = qualifier out of range (m) = manual integration (+) = signals summed

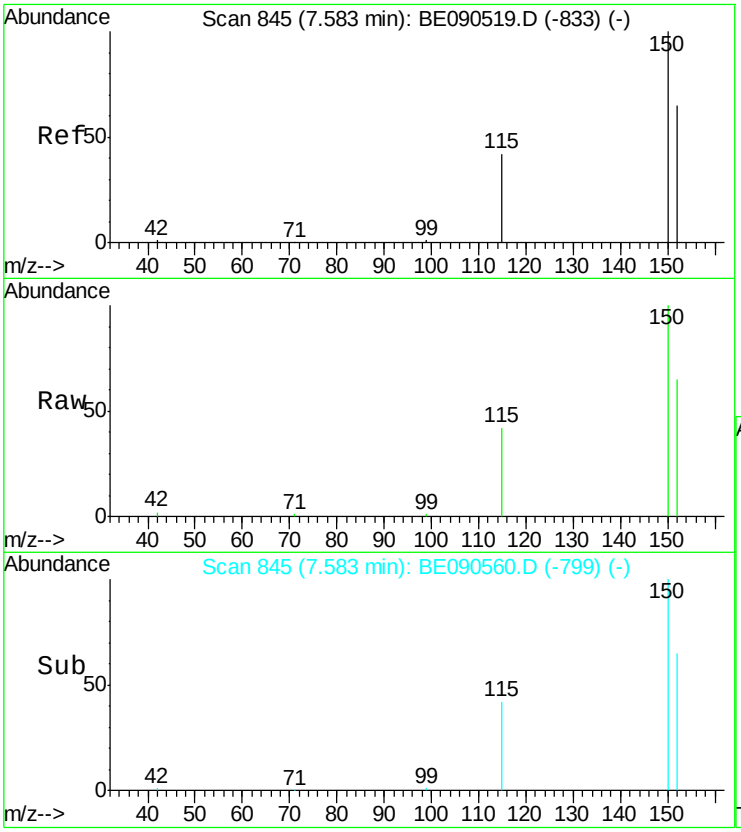
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090560.D
Acq On : 18 Aug 2015 18:48
Operator : UM/IZ
Sample : G3329-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Quant Time: Aug 19 02:33:31 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



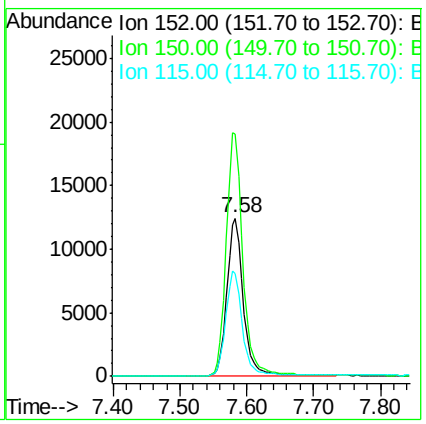


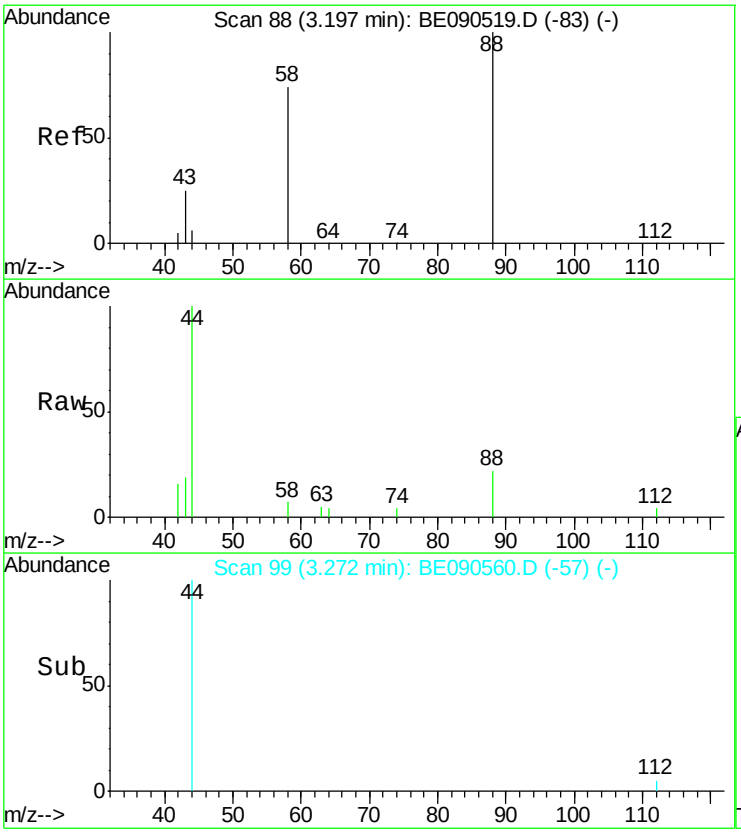
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:152 Resp: 21228

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.0	184.4
115	64.6	48.9	73.3

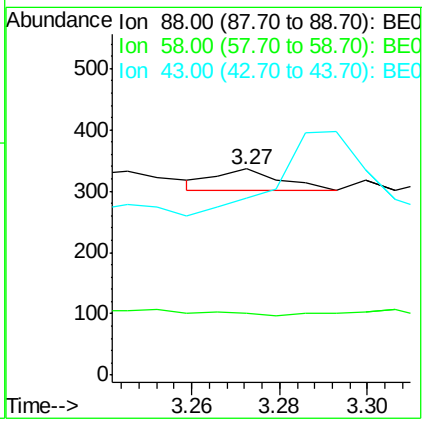


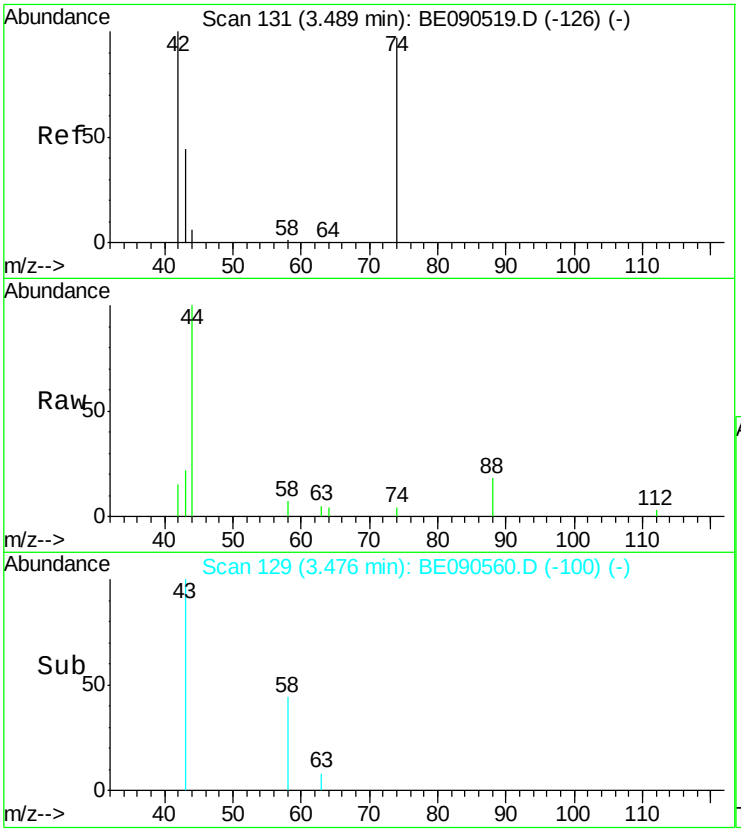


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.27 min Scan# 99
Delta R.T. 0.08 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion: 88 Resp: 35

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



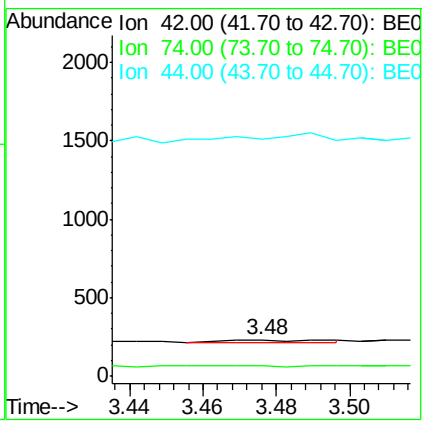


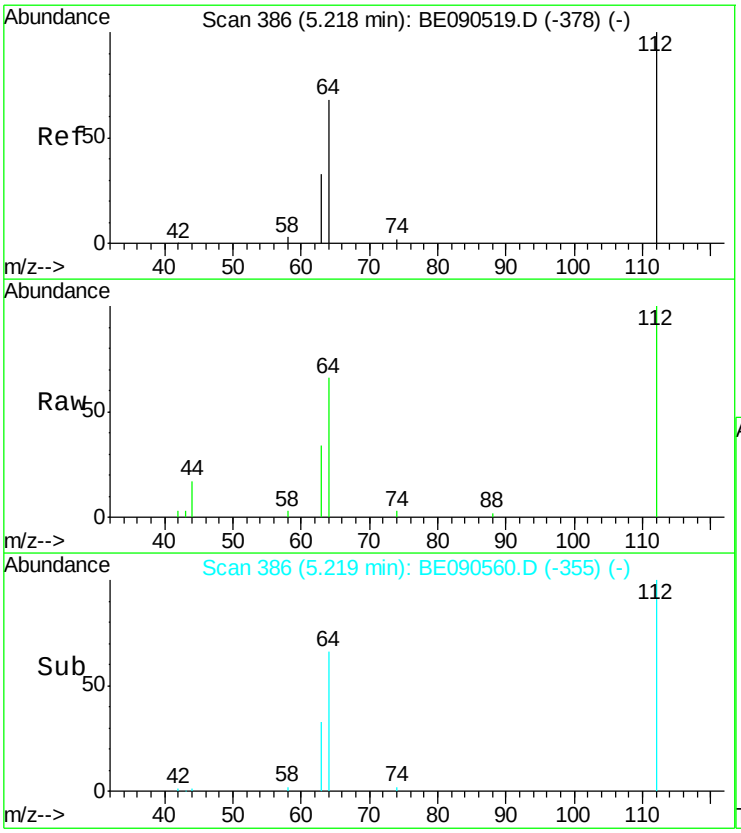
#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.48 min Scan# 129
Delta R.T. -0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	25.0	75.2	112.8#
44	491.7	8.7	13.1#

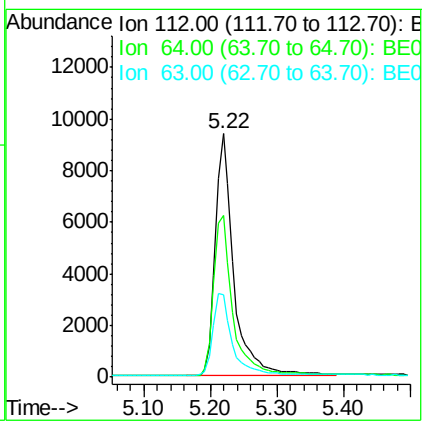


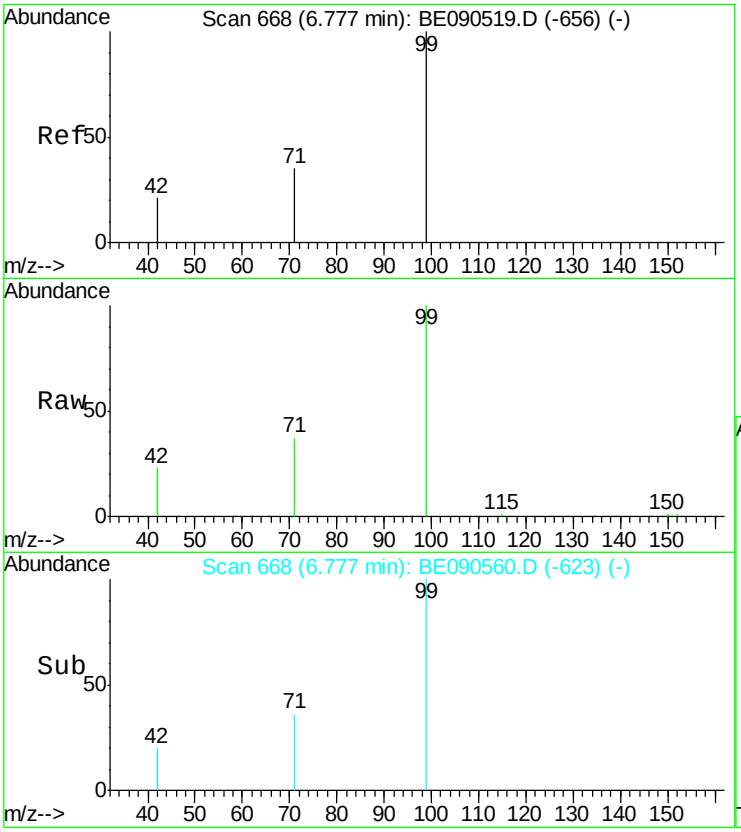


#4
2-Fluorophenol
Concen: 2.94 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:112 Resp: 18027

Ion	Ratio	Lower	Upper
112	100		
64	68.6	37.1	55.7#
63	35.0	19.5	29.3#



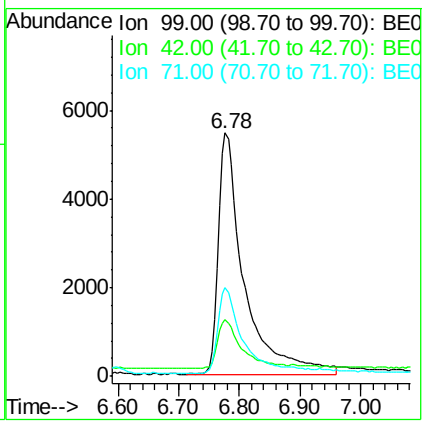


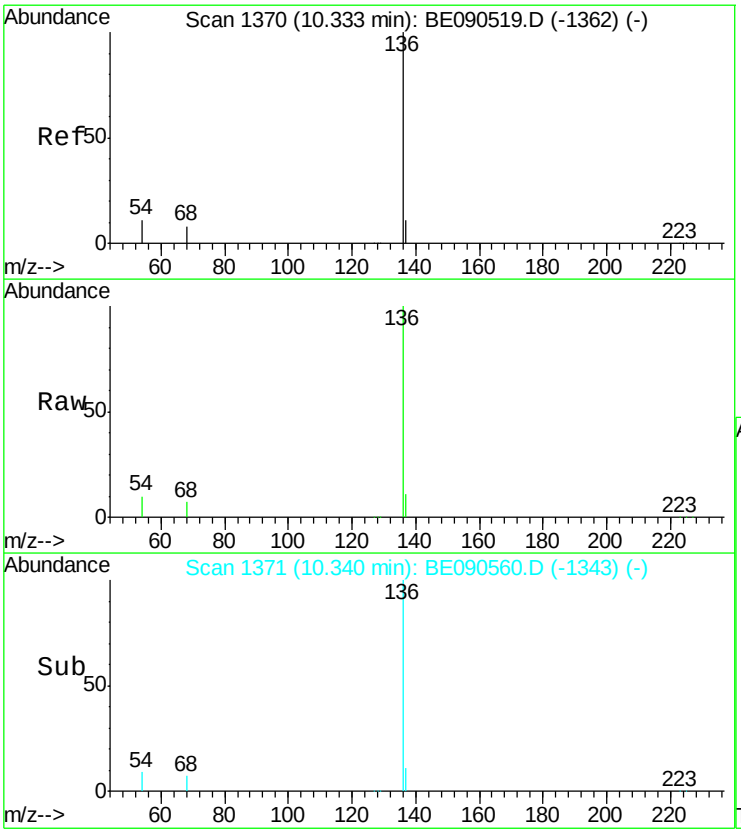
#5
Phenol-d6
Concen: 1.78 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion: 99 Resp: 16069

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.4
71	34.6	27.4	41.0

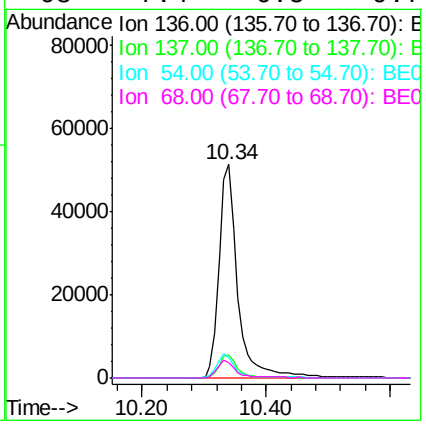


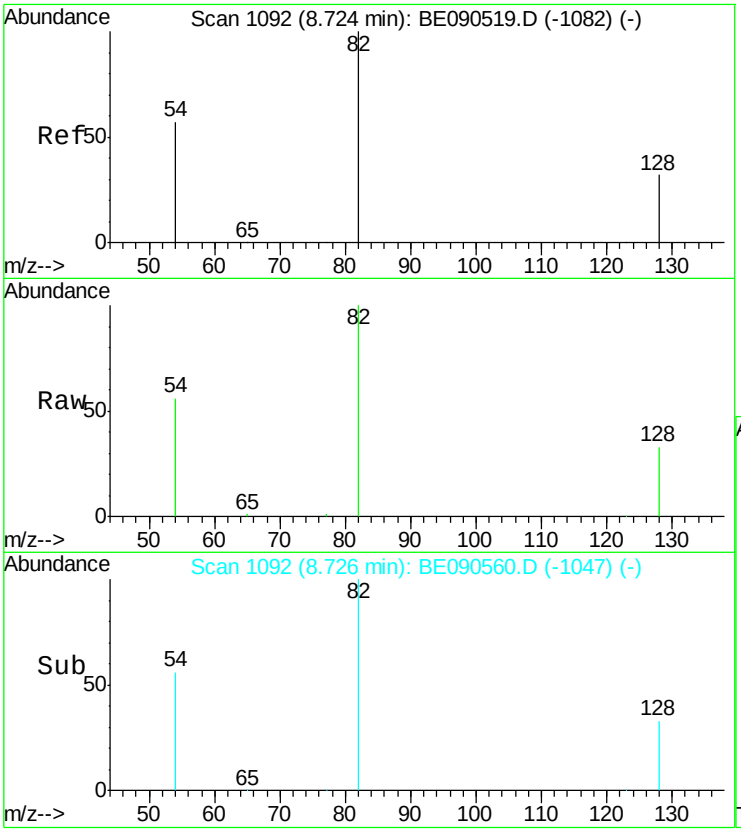


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:136 Resp: 106733

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.6	9.4	14.0
68	7.4	6.5	9.7



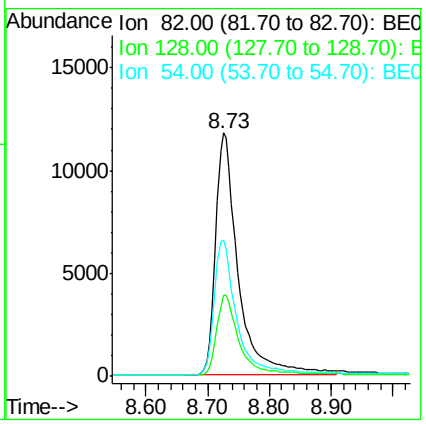


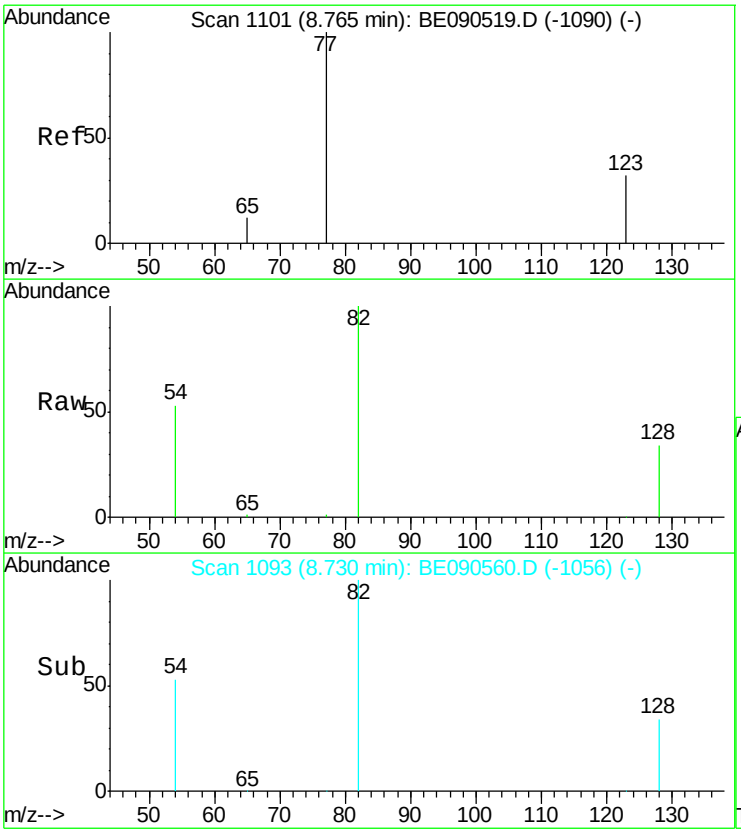
#7
Nitrobenzene-d5
Concen: 3.55 ng
RT: 8.73 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion: 82 Resp: 30215

Ion	Ratio	Lower	Upper
82	100		
128	33.1	25.0	37.6
54	56.0	48.8	73.2

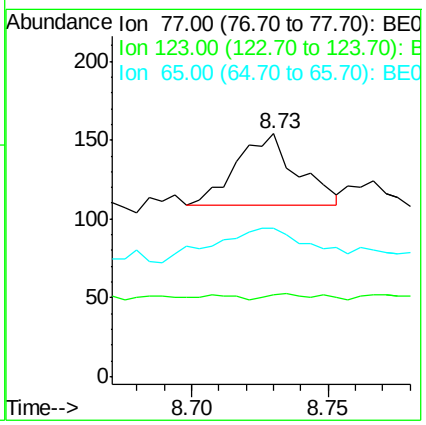


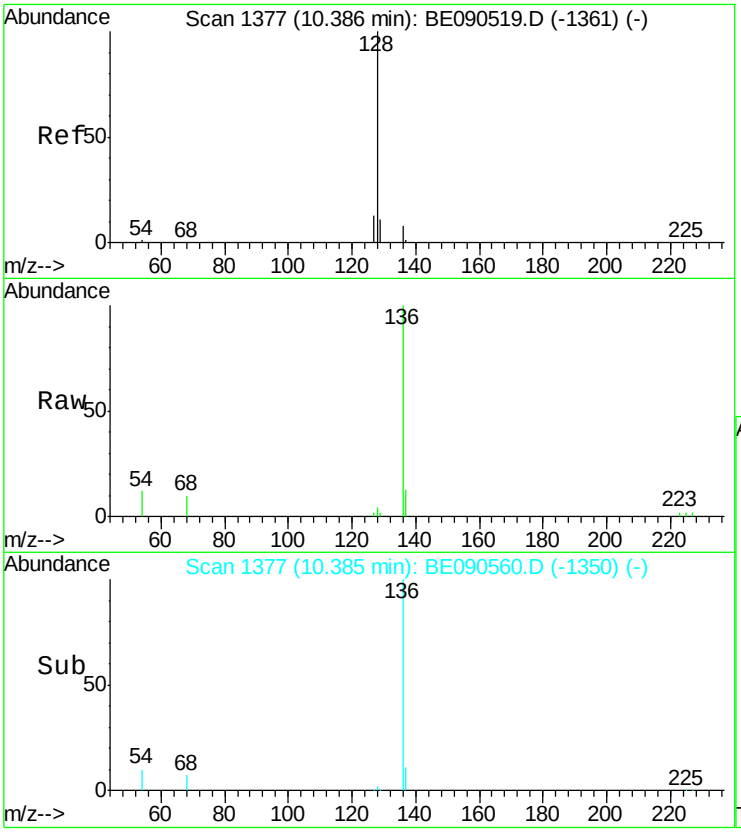


#8
Nitrobenzene
Concen: 0.01 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion: 77 Resp: 69

Ion	Ratio	Lower	Upper
77	100		
123	4.3	25.1	37.7#
65	78.3	9.3	13.9#



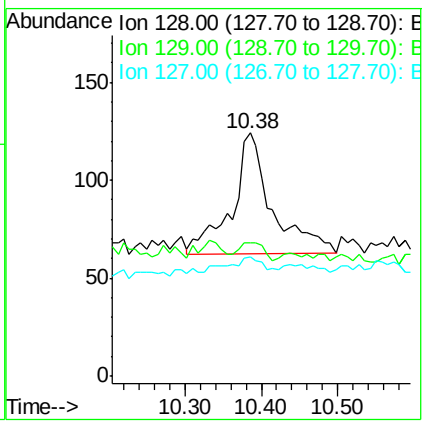


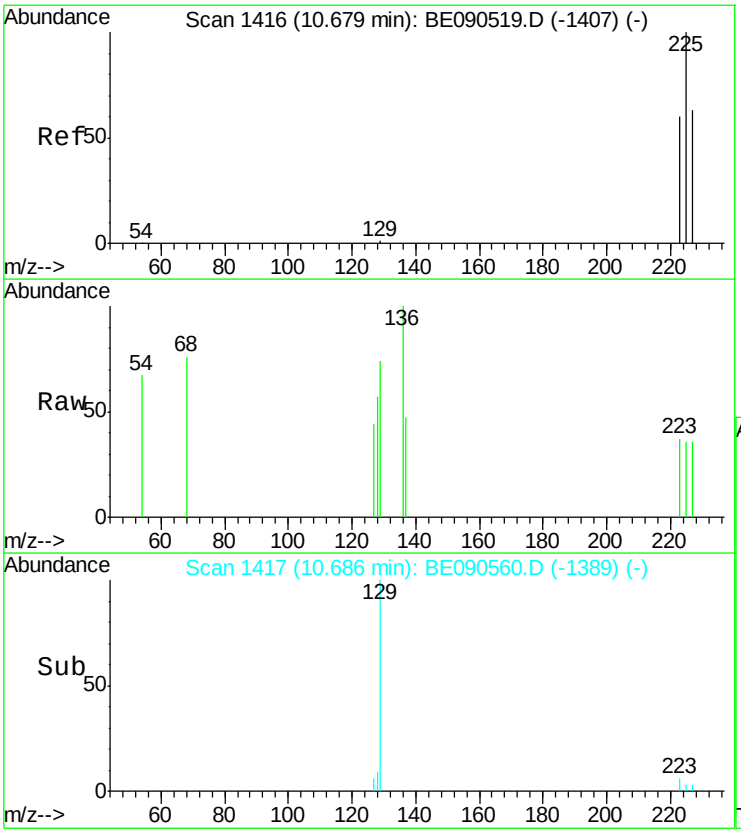
#9
Naphthalene
Concen: 0.01 ng
RT: 10.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:128 Resp: 225

Ion	Ratio	Lower	Upper
128	100		
129	54.8	9.8	14.6#
127	49.2	10.6	16.0#

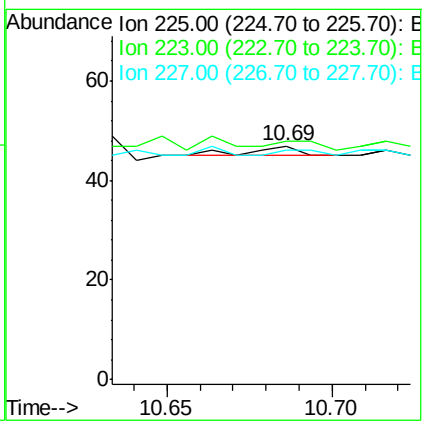


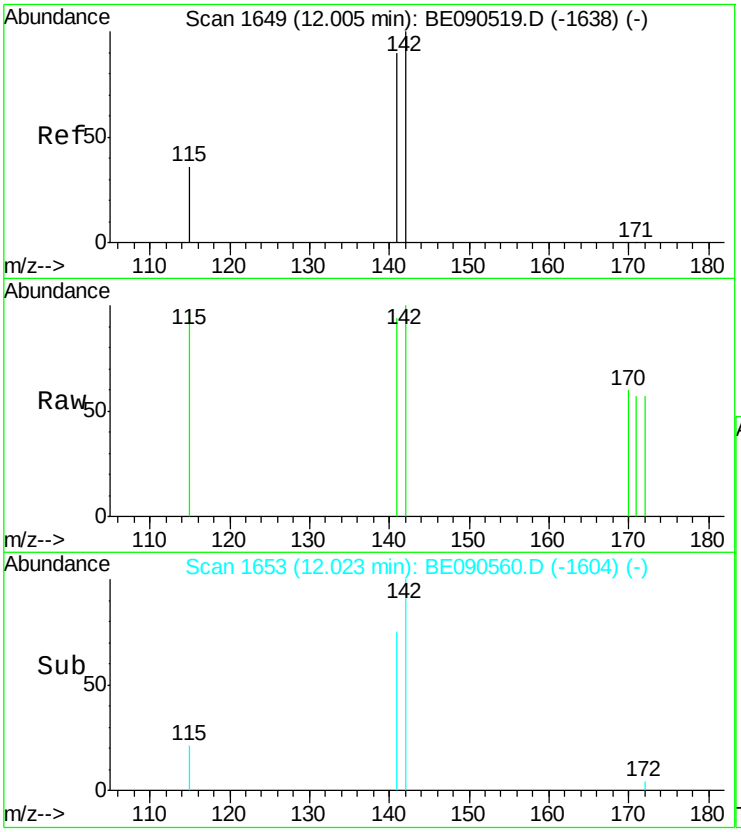


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.69 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	100.0	50.6	75.8#
227	50.0	50.7	76.1#



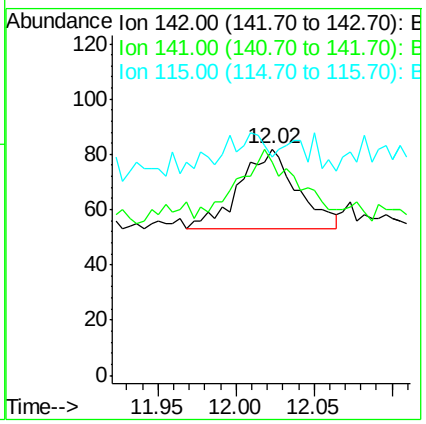


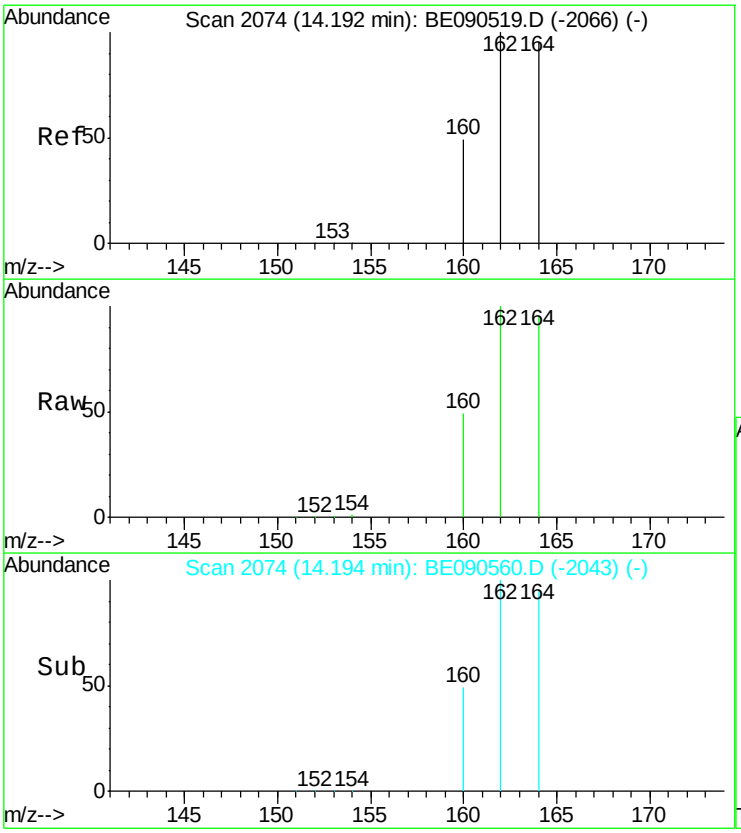
#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:142 Resp: 74

Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.6	109.0
115	96.3	31.6	47.4#

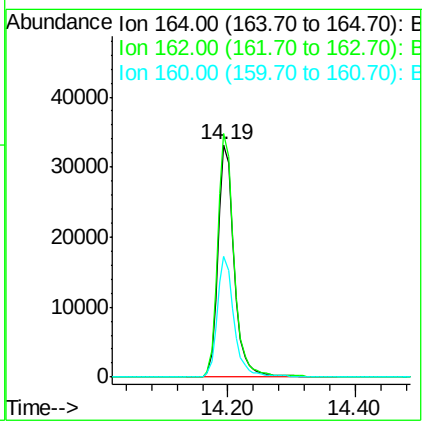


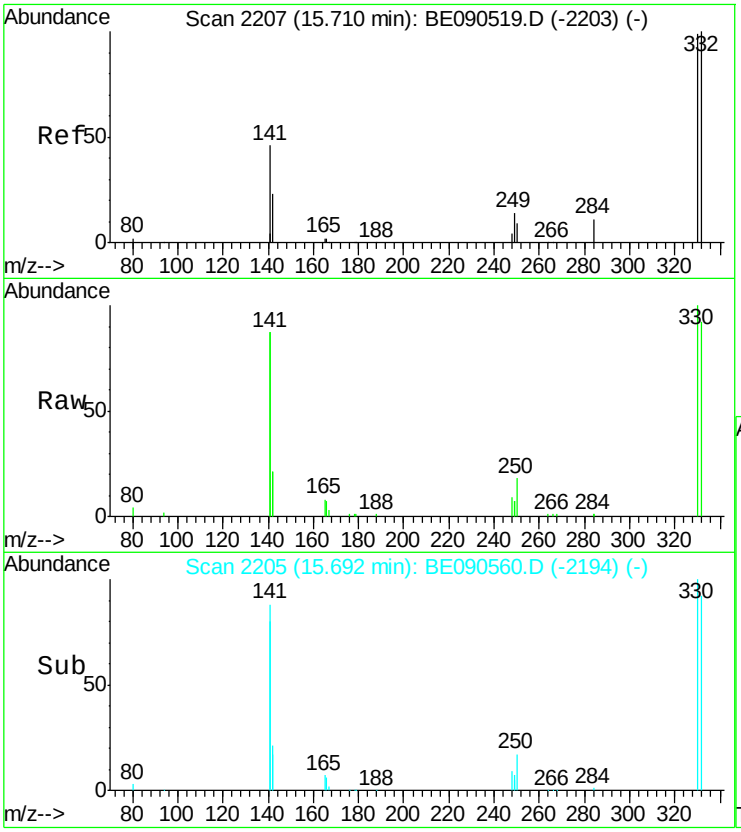


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:164 Resp: 57646

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.8	122.8
160	51.8	44.2	66.4



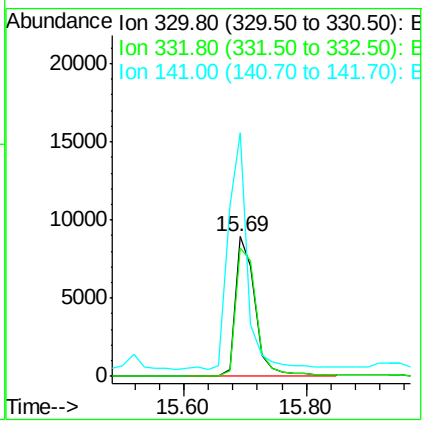


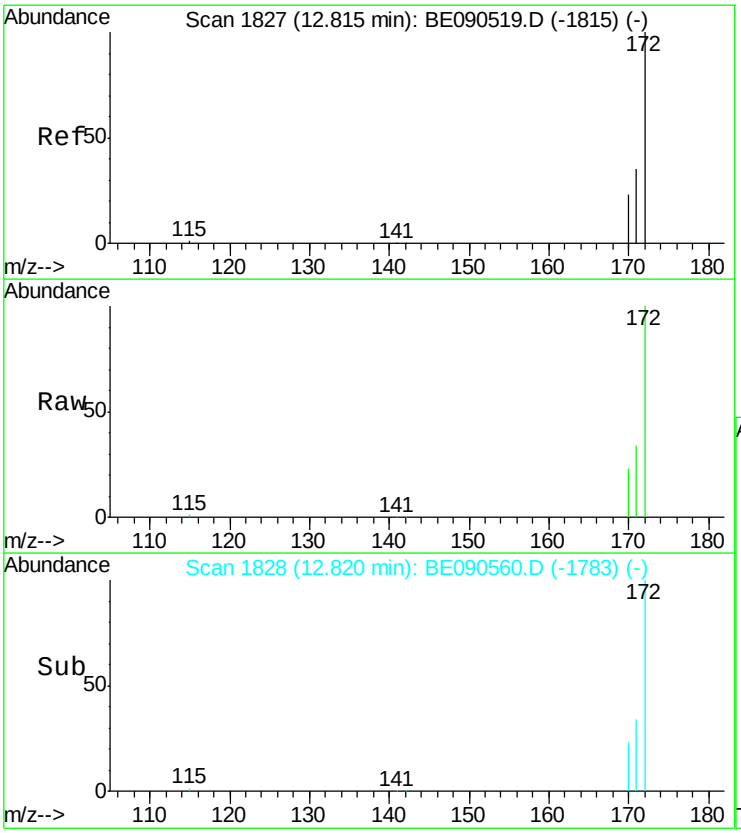
#13
2,4,6-Tribromophenol
Concen: 8.81 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:330 Resp: 19551

Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.8	113.6
141	167.2	114.4	171.6

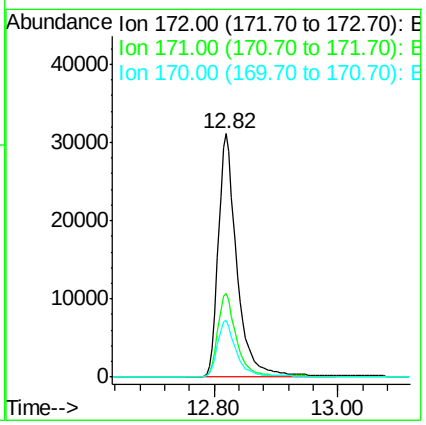


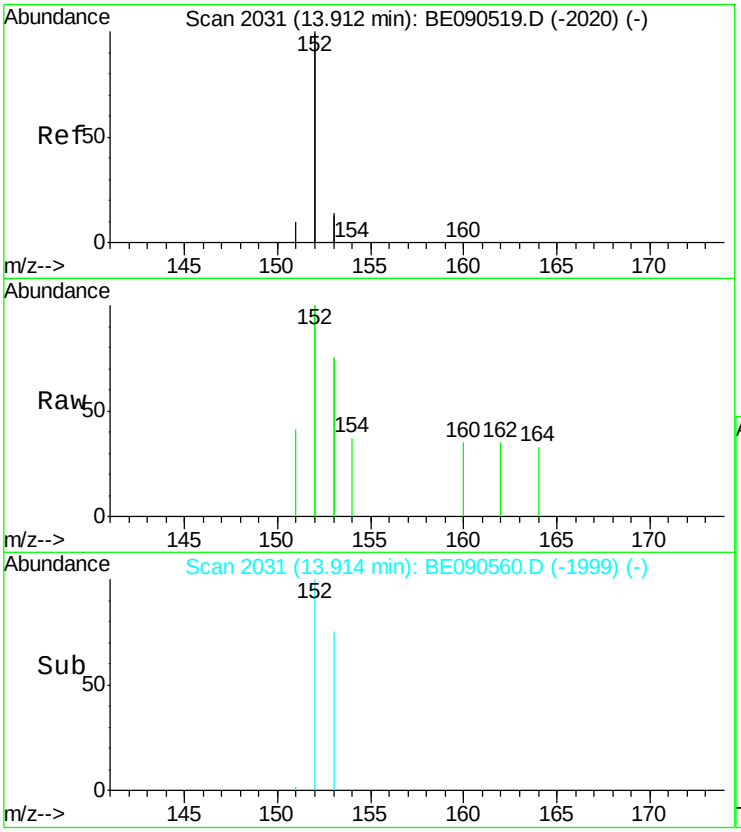


#14
2-Fluorobiphenyl
Concen: 3.78 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:172 Resp: 65073

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.2	19.8	29.8



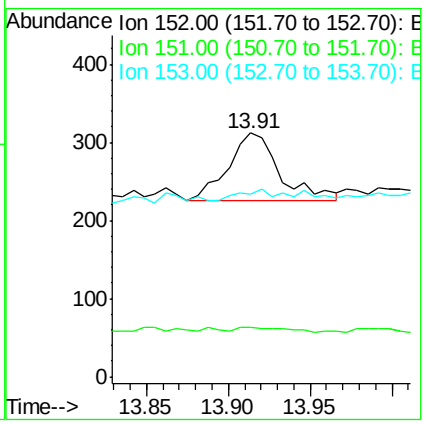


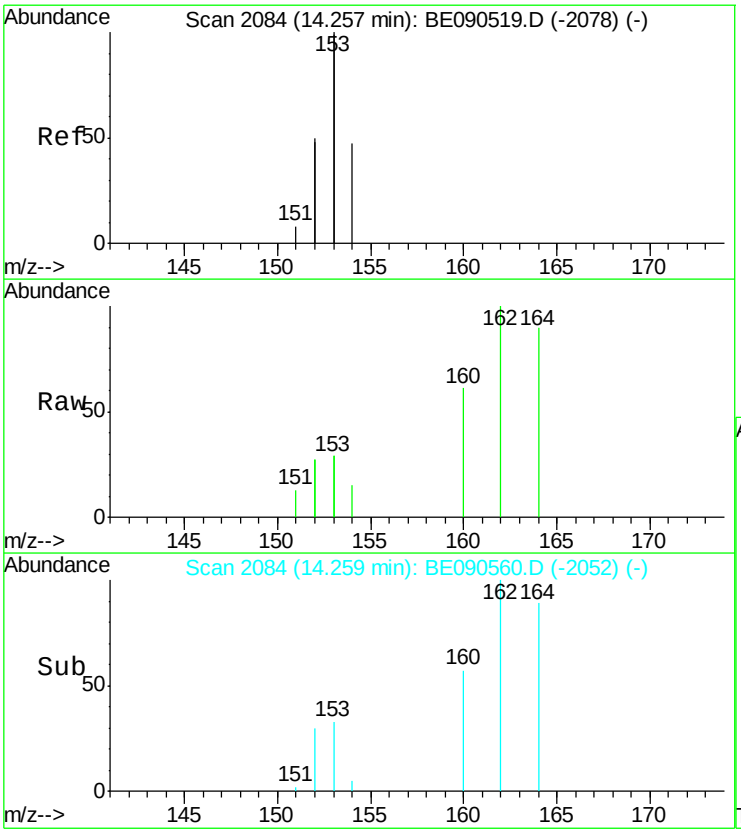
#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:152 Resp: 187

Ion	Ratio	Lower	Upper
152	100		
151	5.3	3.8	5.8
153	11.8	10.3	15.5

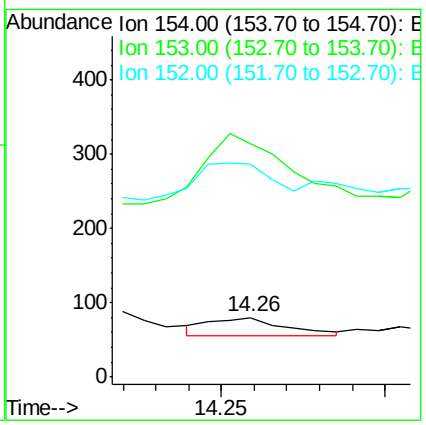


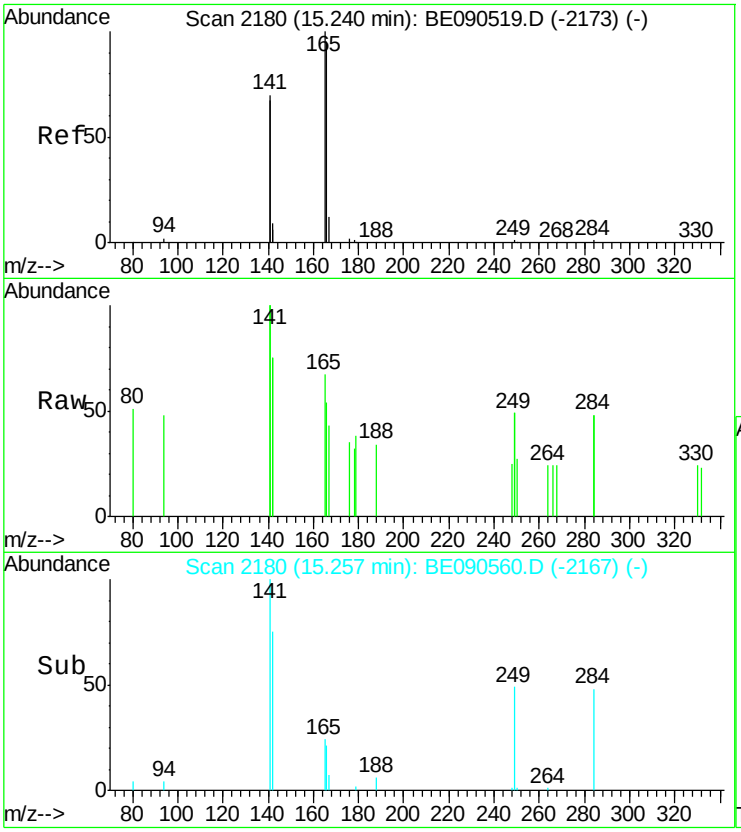


#16
Acenaphthene
Concen: 0.00 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:154 Resp: 39

Ion	Ratio	Lower	Upper
154	100		
153	492.3	376.2	564.2
152	210.3	235.0	352.4#



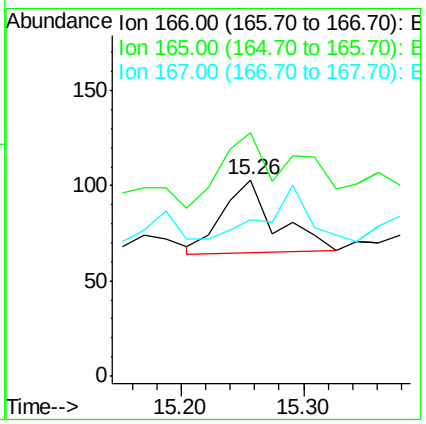


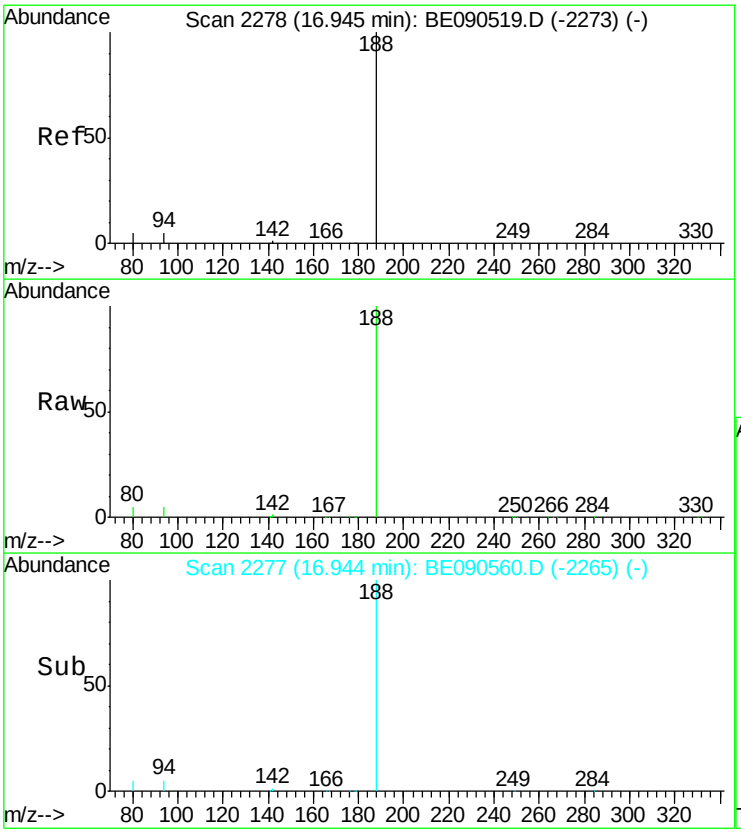
#17
Fluorene
Concen: 0.01 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:166 Resp: 115

Ion	Ratio	Lower	Upper
166	100		
165	161.7	81.5	122.3#
167	0.0	11.4	17.0#

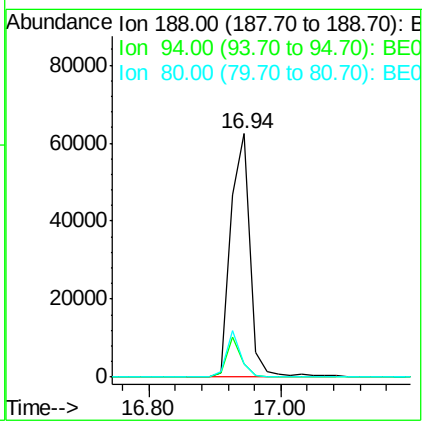


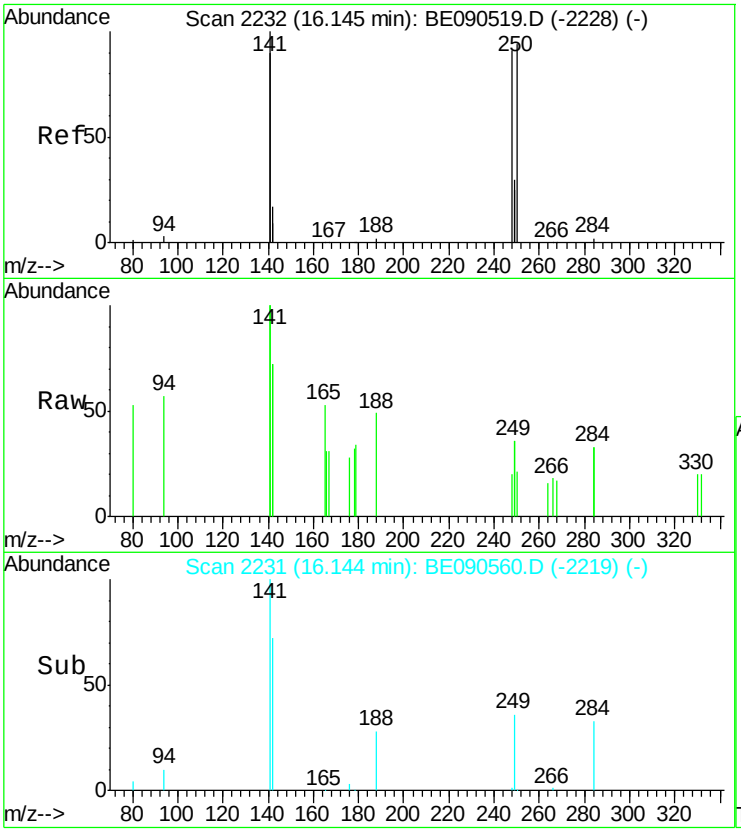


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:188 Resp: 125931

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



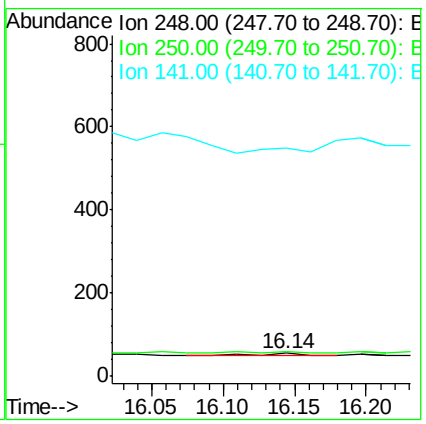


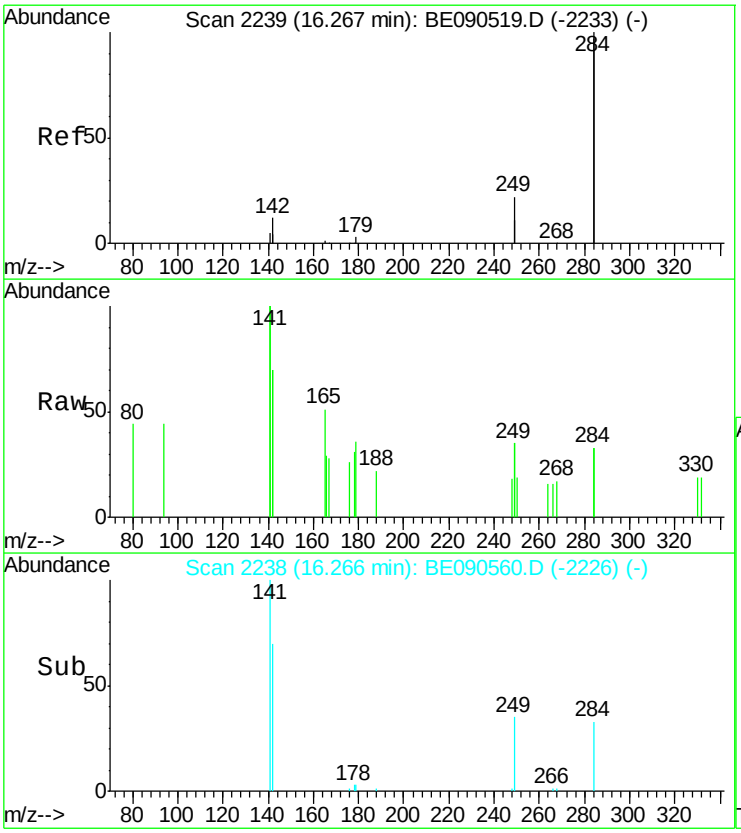
#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:248 Resp: 15

Ion	Ratio	Lower	Upper
248	100		
250	0.0	79.0	118.6#
141	0.0	239.5	359.3#

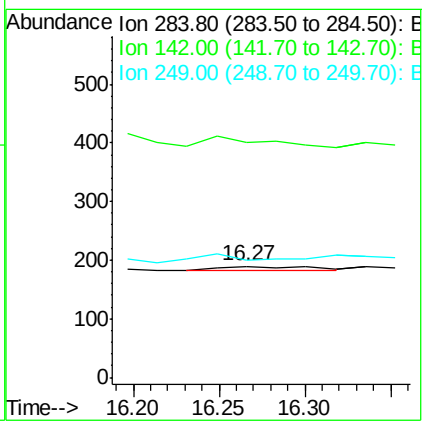


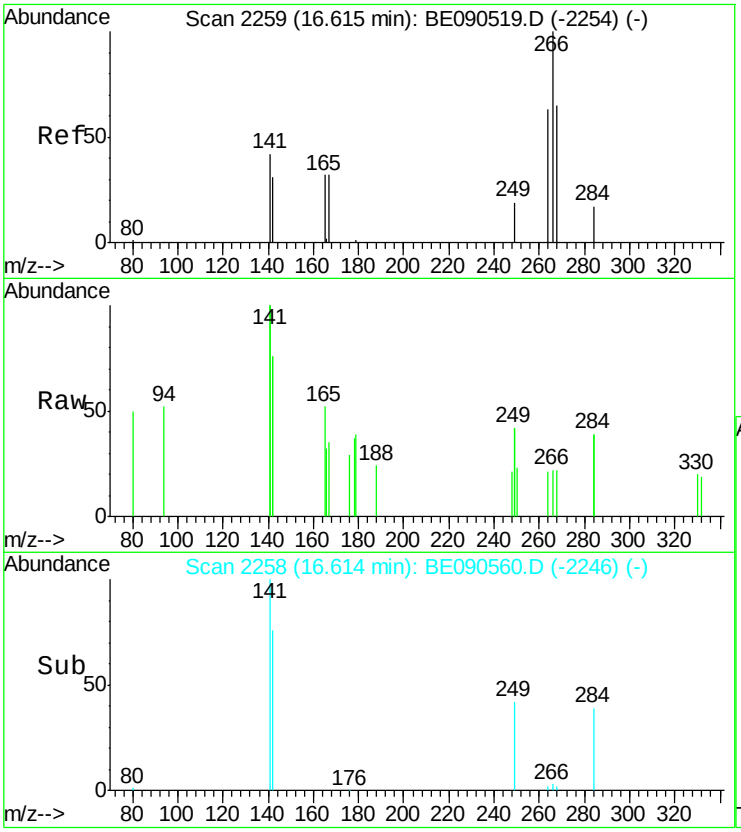


#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:284 Resp: 25

Ion	Ratio	Lower	Upper
284	100		
142	260.0	30.1	45.1#
249	124.0	25.7	38.5#



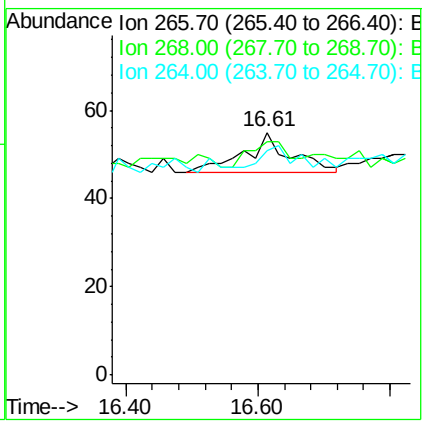


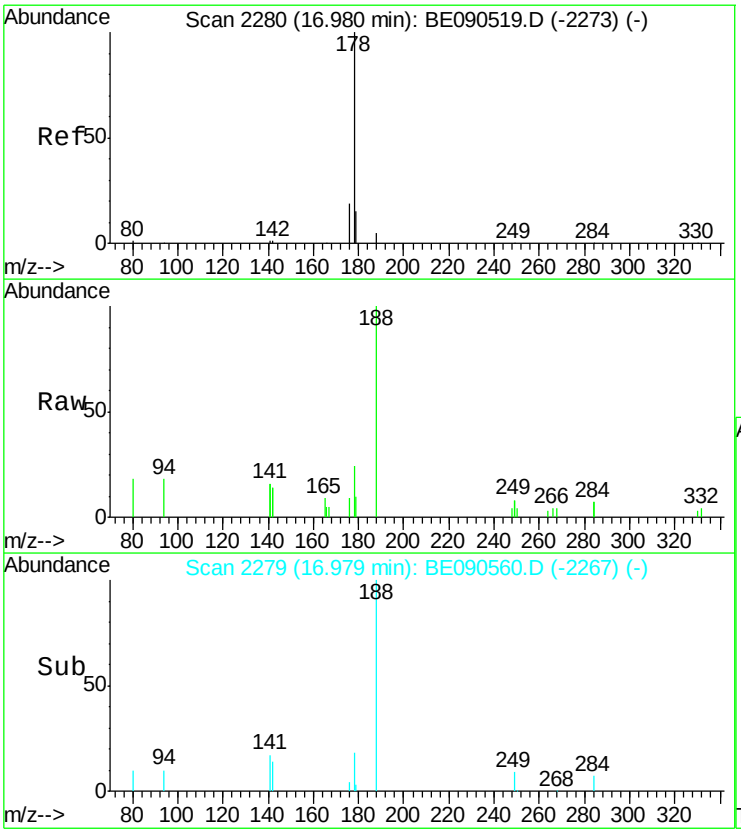
#21
Pentachlorophenol
Concen: 0.32 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:266 Resp: 43

Ion	Ratio	Lower	Upper
266	100		
268	96.4	58.5	87.7#
264	92.7	56.0	84.0#

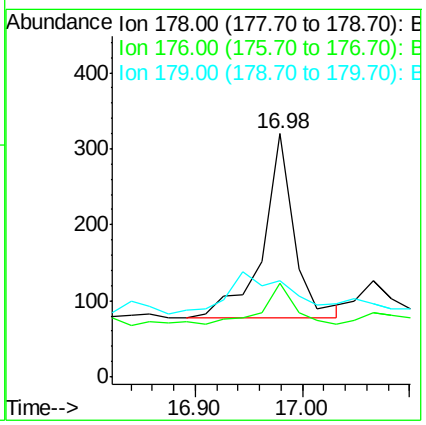


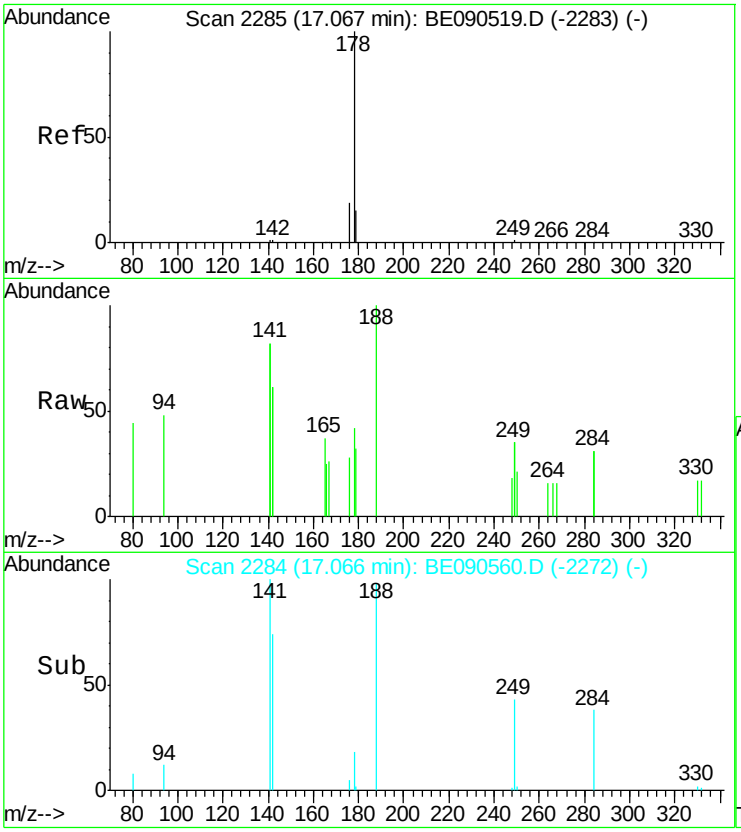


#22
Phenanthrene
Concen: 0.01 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:178 Resp: 492

Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.4	23.2
179	0.0	12.5	18.7#



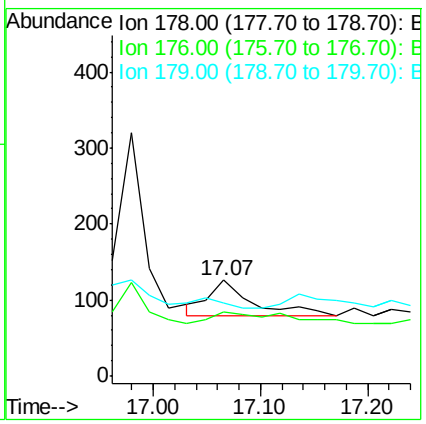


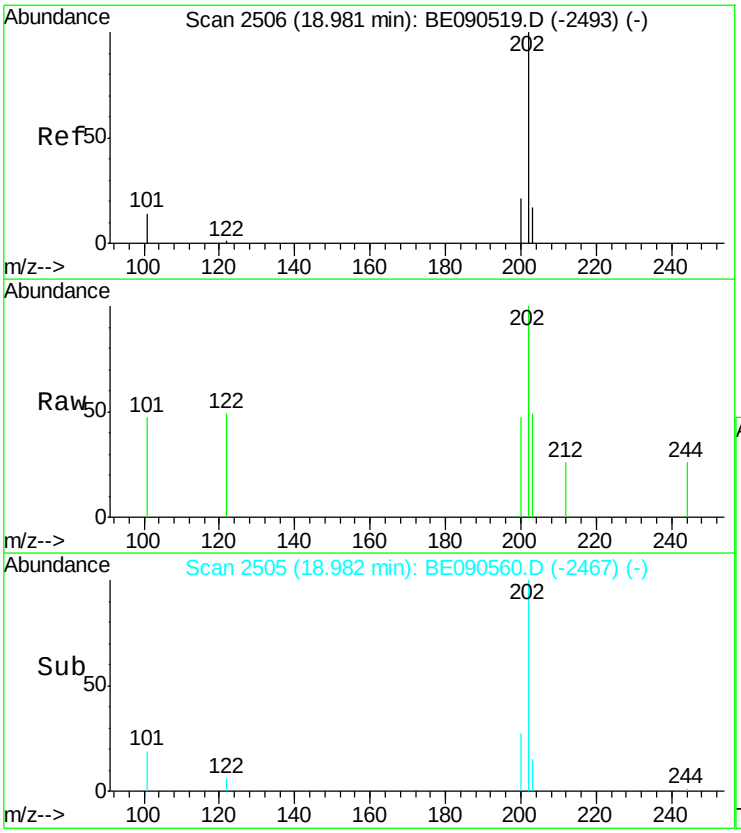
#23
Anthracene
Concen: 0.00 ng
RT: 17.07 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:178 Resp: 127

Ion	Ratio	Lower	Upper
178	100		
176	52.0	14.9	22.3#
179	0.0	12.2	18.4#

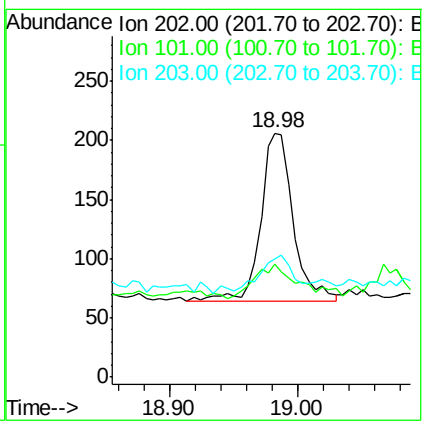


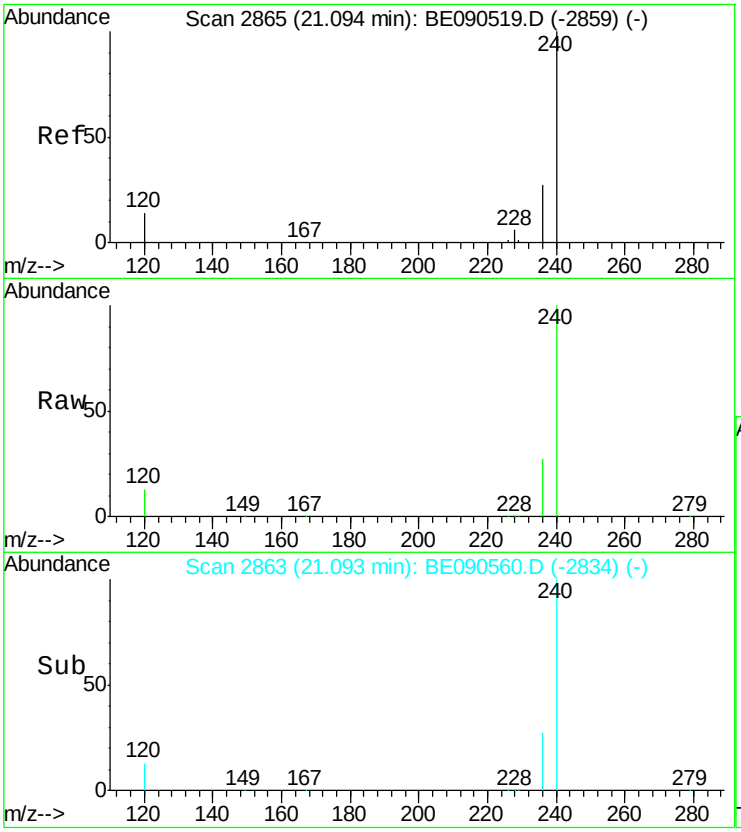


#24
Fluoranthene
Concen: 0.01 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:202 Resp: 253

Ion	Ratio	Lower	Upper
202	100		
101	25.3	10.3	15.5#
203	24.5	13.7	20.5#



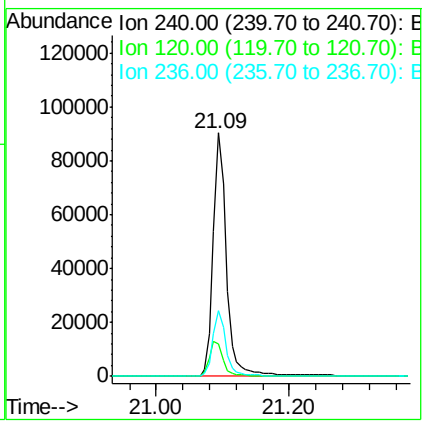


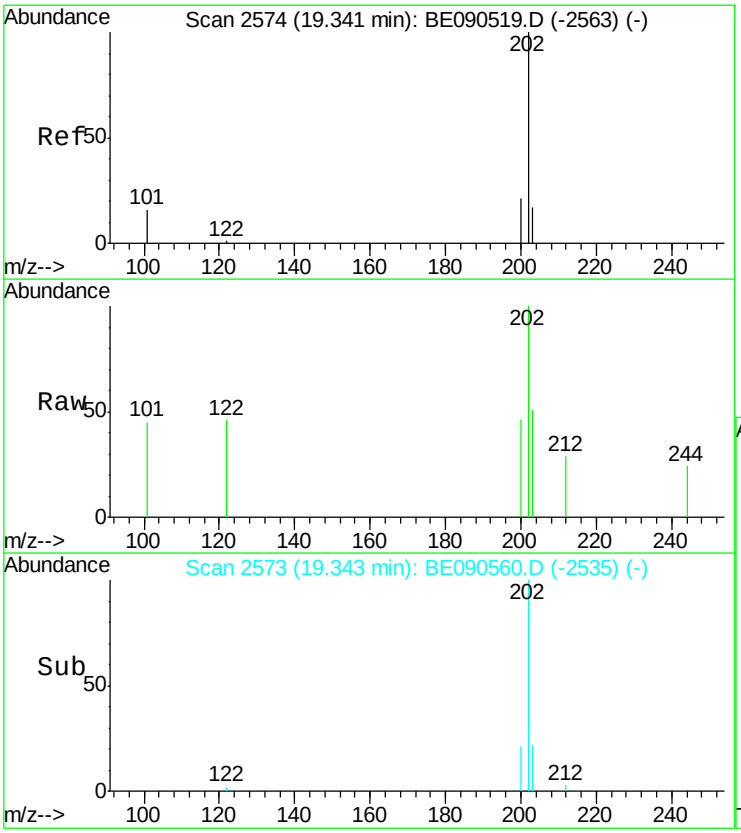
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:240 Resp: 123111

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	27.0	21.0	31.4

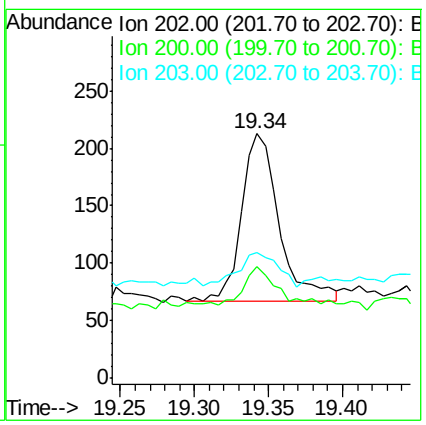


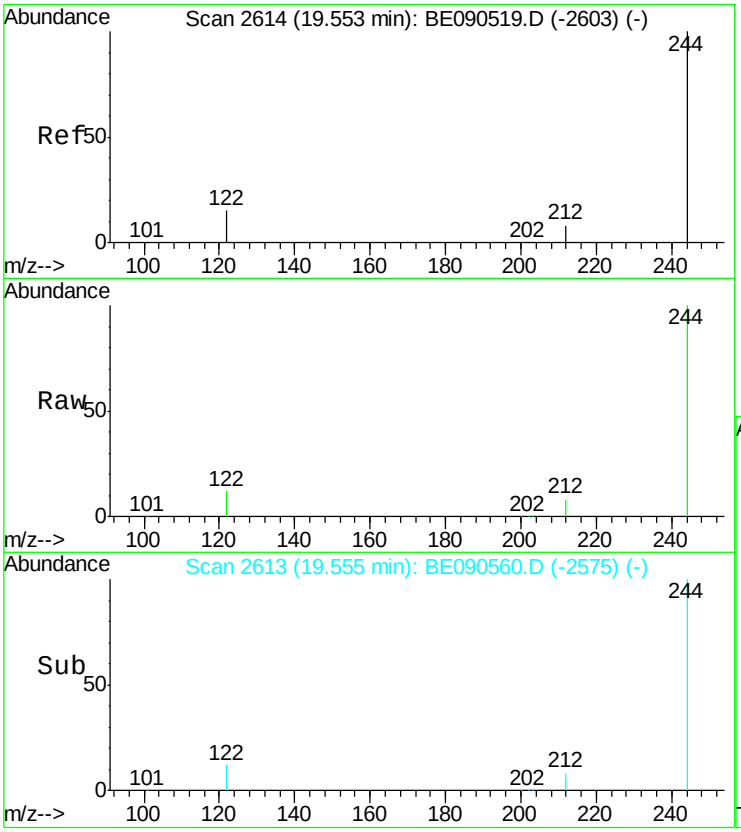


#26
Pyrene
Concen: 0.01 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:202 Resp: 255

Ion	Ratio	Lower	Upper
202	100		
200	29.4	16.7	25.1#
203	22.4	13.8	20.8#



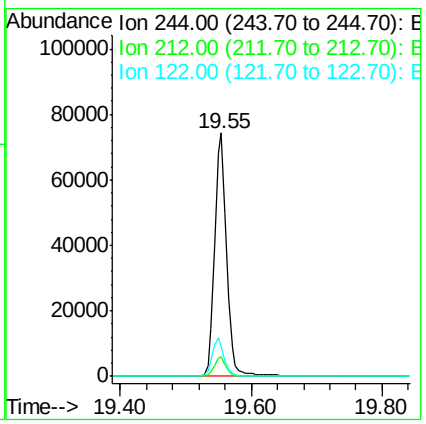


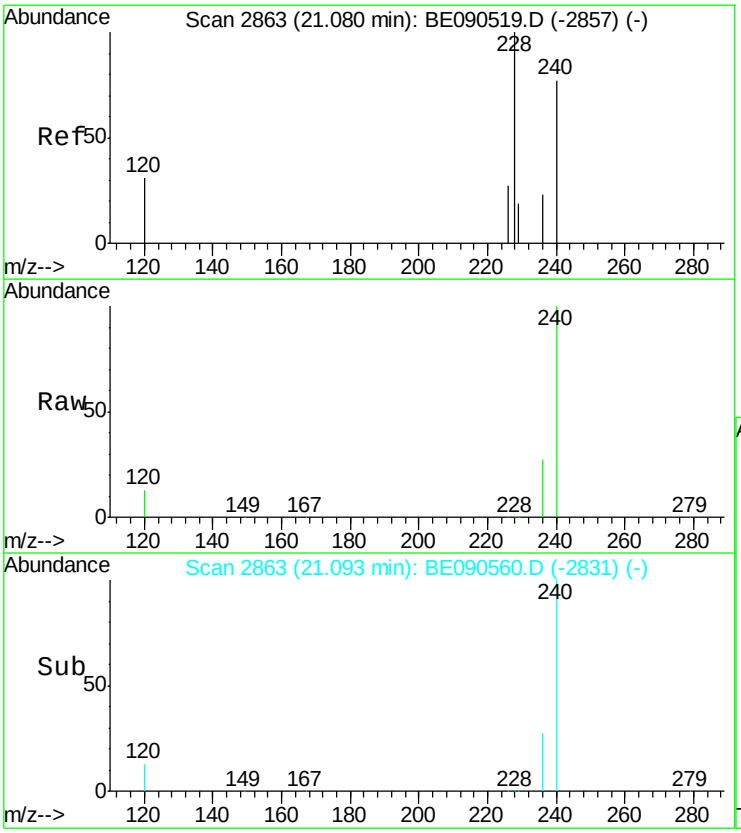
#27
Terphenyl-d14
Concen: 4.19 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:244 Resp: 94270

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.1	10.2	15.4

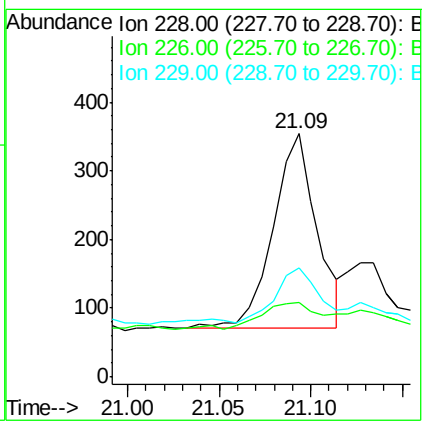


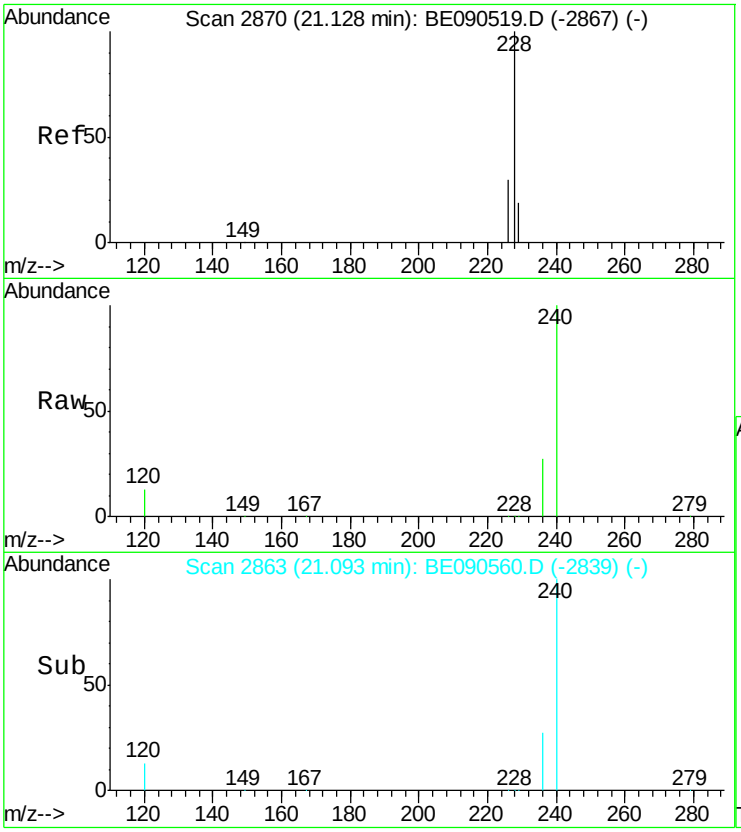


#28
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.09 min Scan# 2863
Delta R.T. 0.02 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:228 Resp: 470

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.9	32.9
229	44.6	15.4	23.0#



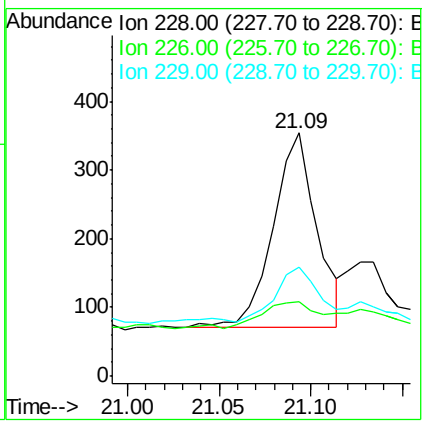


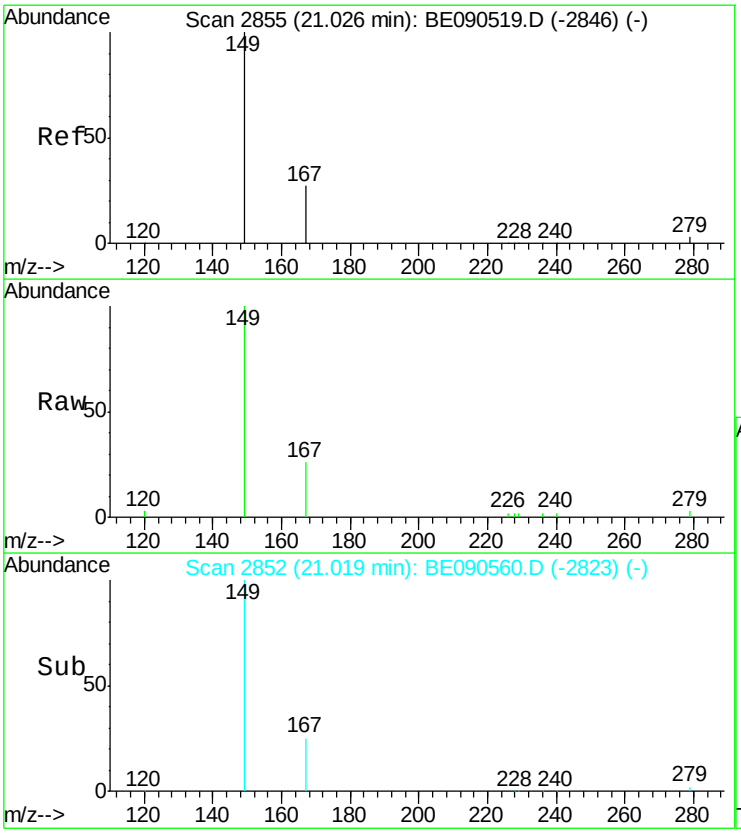
#29
Chrysene
Concen: 0.01 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.03 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:228 Resp: 470

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.1	34.7
229	44.6	15.8	23.8#

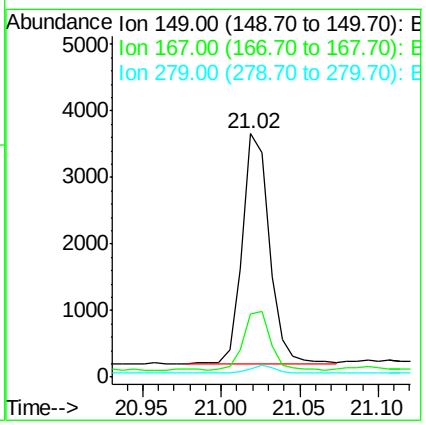


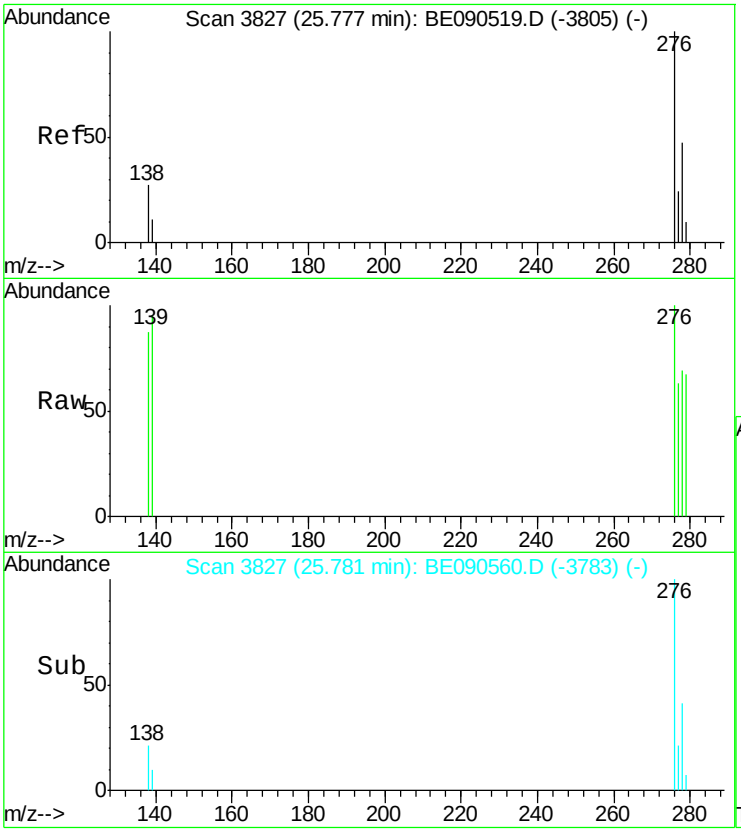


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.02 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:149 Resp: 4155

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.8	29.8
279	3.0	2.4	3.6



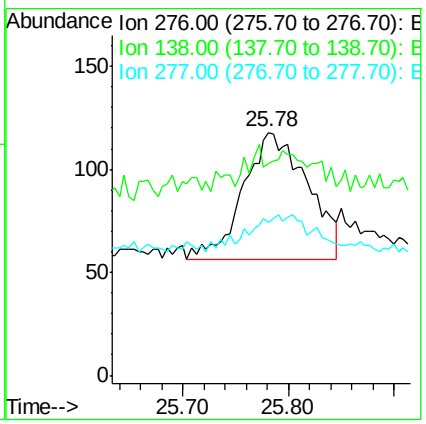


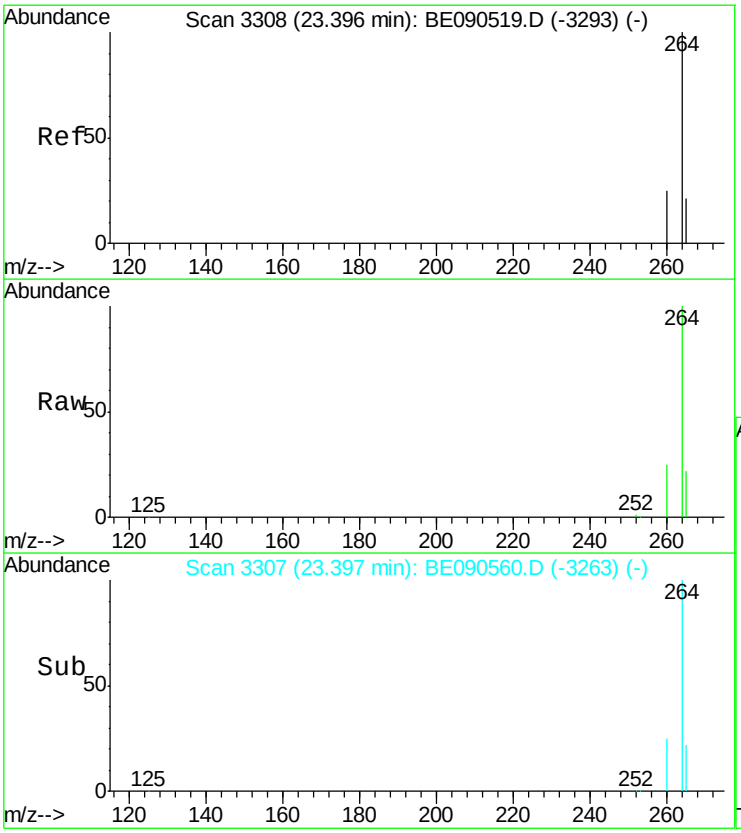
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:276 Resp: 264

Ion	Ratio	Lower	Upper
276	100		
138	4.2	18.8	28.2#
277	16.3	18.2	27.4#

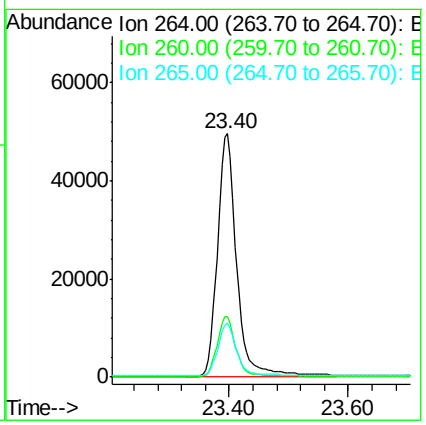


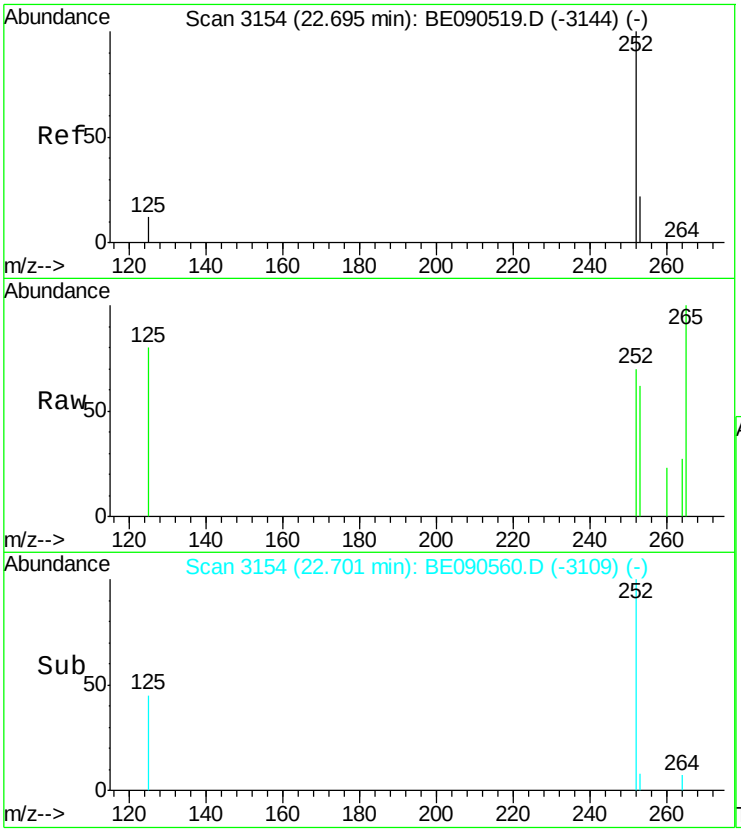


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:264 Resp: 111804

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.4	17.2	25.8



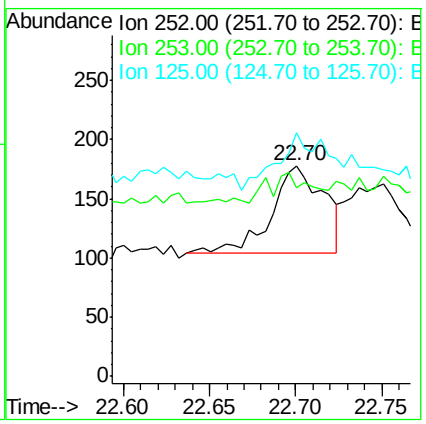


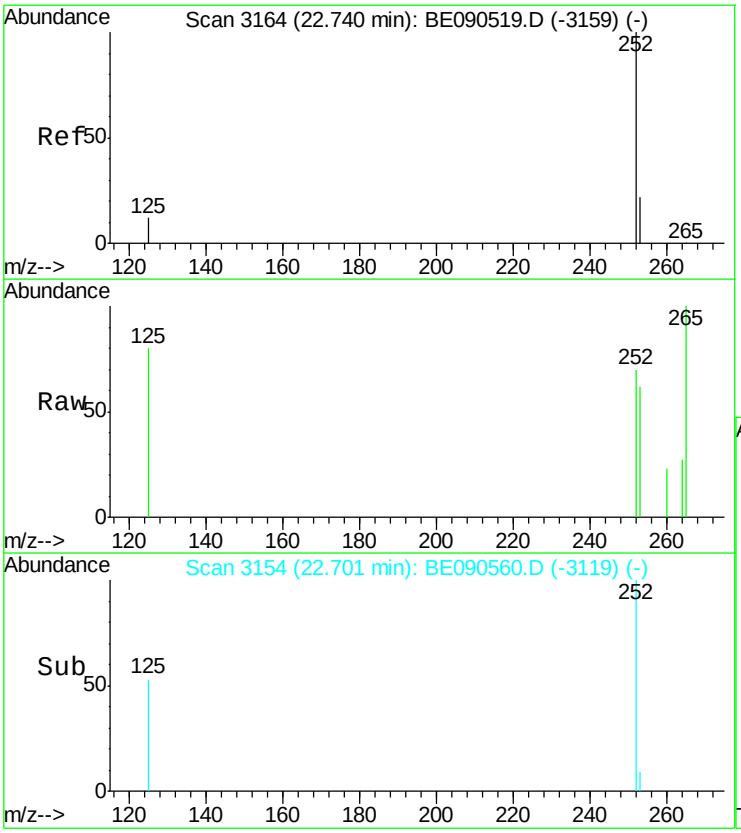
#33
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.70 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:252 Resp: 158

Ion	Ratio	Lower	Upper
252	100		
253	89.3	18.1	27.1#
125	115.7	9.4	14.2#

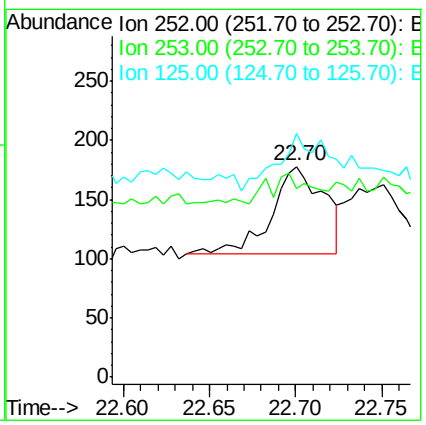


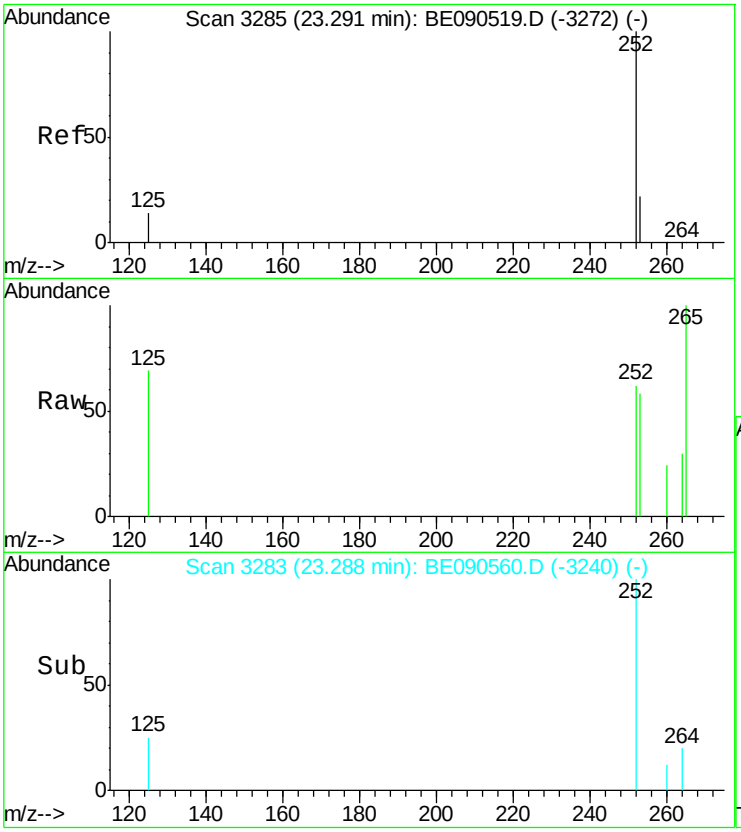


#34
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.04 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:252 Resp: 158

Ion	Ratio	Lower	Upper
252	100		
253	89.3	18.1	27.1#
125	115.7	9.1	13.7#



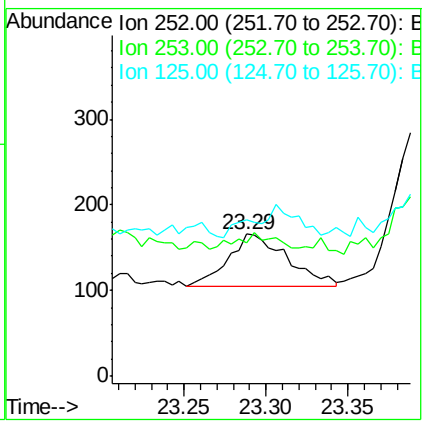


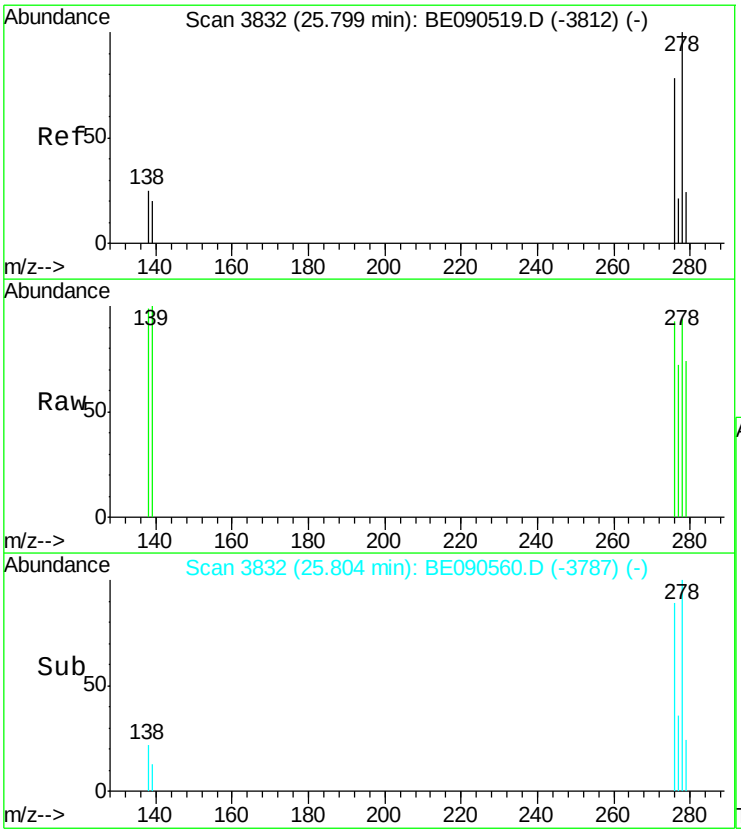
#35
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.29 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:252 Resp: 150

Ion	Ratio	Lower	Upper
252	100		
253	94.0	17.6	26.4#
125	110.2	9.8	14.6#

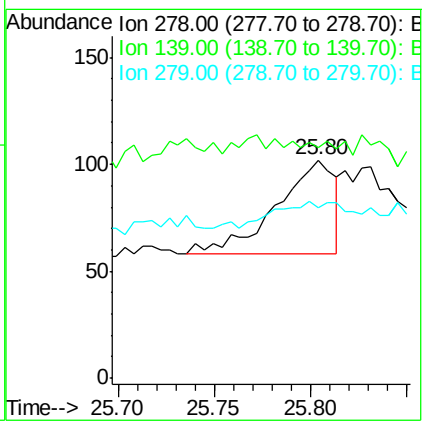


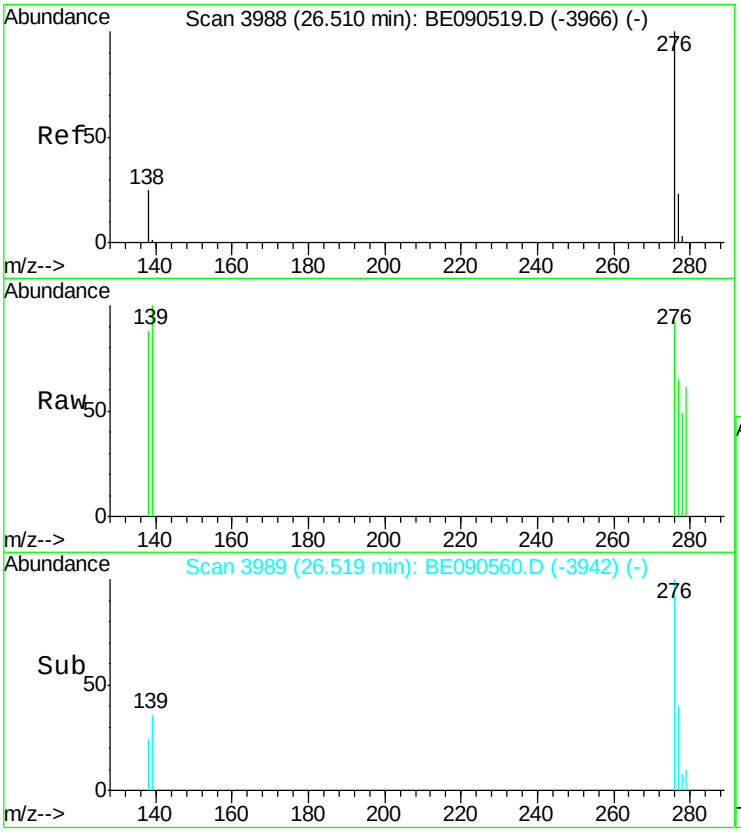


#36
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.00 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Tgt Ion:278 Resp: 93

Ion	Ratio	Lower	Upper
278	100		
139	105.9	14.2	21.4#
279	78.4	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.52 min Scan# 3989
Delta R.T. 0.01 min
Lab File: BE090560.D
Acq: 18 Aug 2015 18:48

Instrument :
BNA_E
ClientSampleId :
081515-D534-F-U-S

Tgt Ion:276 Resp: 196

Ion	Ratio	Lower	Upper
276	100		
277	70.5	20.1	30.1#
138	94.6	18.1	27.1#