Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090568.D
Acq On : 18 Aug 2015 23:43
Operator : UM/IZ
Sample : G3329-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 081615-D534-F-U-S

Quant Time: Aug 19 02:36:51 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	22051	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	112314	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61474	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	132572	5.00	ng	0.00
25) Chrysene-d12	21.09	240	128915	5.00	ng	0.00
32) Perylene-d12	23.39	264	116730	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	18740	2.94	ng	0.00
5) Phenol-d6	6.78	99	15526	1.66	ng	0.00
7) Nitrobenzene-d5	8.73	82	24818	2.77	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	17075	7.22	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	52642	2.87	ng	0.00
27) Terphenyl-d14	19.55	244	81217	3.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	11	Below Cal	#	73
3) n-Nitrosodimethylamine	3.48	42	8	0.00	ng #	68
8) Nitrobenzene	8.72	77	50	0.01	ng #	35
9) Naphthalene	10.39	128	110	0.00	ng #	1
10) Hexachlorobutadiene	10.69	225	2	0.00	ng #	1
11) 2-Methylnaphthalene	12.01	142	12	0.00	ng #	63
15) Acenaphthylene	13.92	152	182	0.00	ng #	93
16) Acenaphthene	14.26	154	31	0.00	ng #	70
17) Fluorene	15.26	166	84	0.00	ng #	54
19) 4-Bromophenyl-phenylether	16.11	248	6	0.00	ng #	1
20) Hexachlorobenzene	16.25	284	27	0.00	ng #	1
21) Pentachlorophenol	16.56	266	28	0.31	ng #	73
22) Phenanthrene	16.98	178	439	0.01	ng #	70
23) Anthracene	17.07	178	78	0.00	ng #	61
24) Fluoranthene	18.98	202	217	0.01	ng #	90
26) Pyrene	19.34	202	238	0.01	ng #	83
28) Benzo(a)anthracene	21.09	228	454	0.01	ng #	74
29) Chrysene	21.09	228	454	0.01	ng #	77
30) Bis(2-ethylhexyl)phthalate	21.02	149	4907	0.37	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	101	0.00	ng #	87
33) Benzo(b)fluoranthene	22.70	252	106	0.00	ng #	1
34) Benzo(k)fluoranthene	22.70	252	106	0.00	ng #	1
35) Benzo(a)pyrene	23.30	252	92	0.00	ng #	1
36) Dibenzo(a,h)anthracene	25.80	278	23	0.00	ng #	1
37) Benzo(g,h,i)perylene	26.52	276	108	0.00	ng #	1

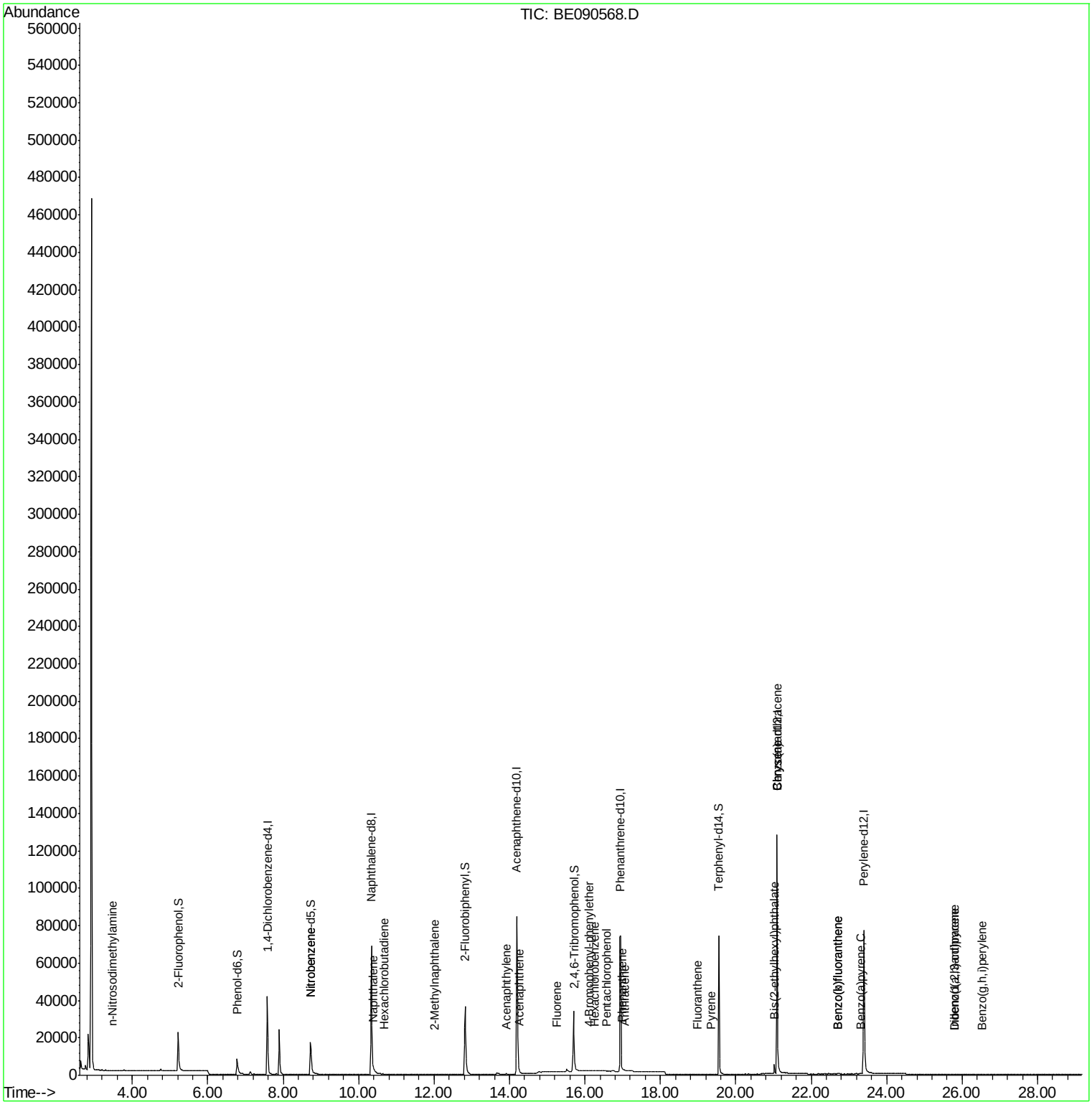
(#) = qualifier out of range (m) = manual integration (+) = signals summed

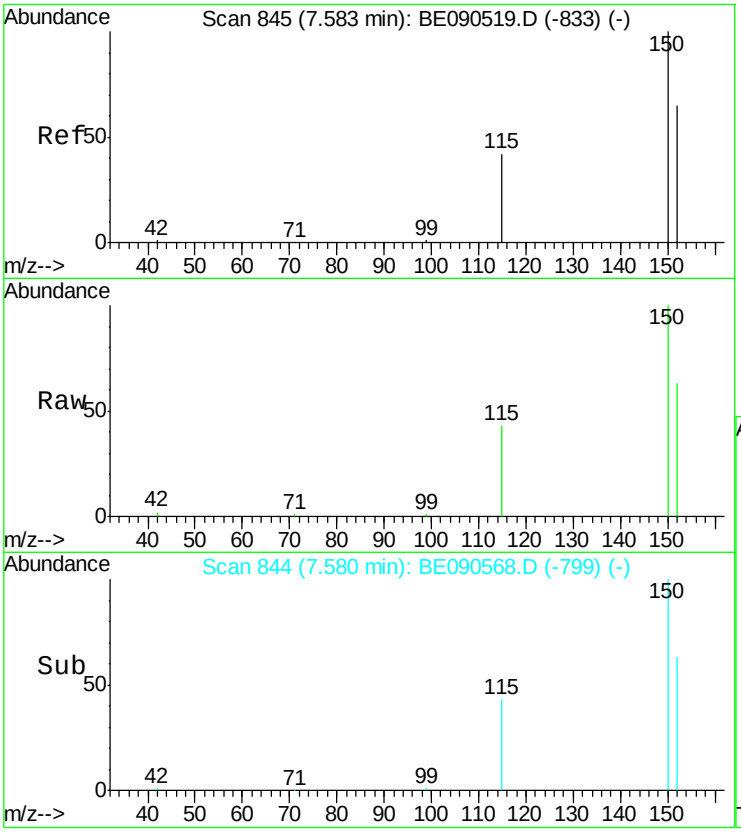
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090568.D
Acq On : 18 Aug 2015 23:43
Operator : UM/IZ
Sample : G3329-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Quant Time: Aug 19 02:36:51 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



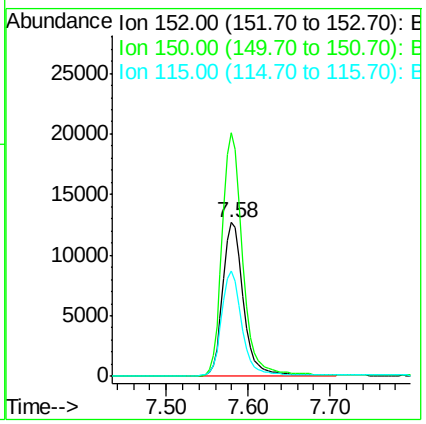


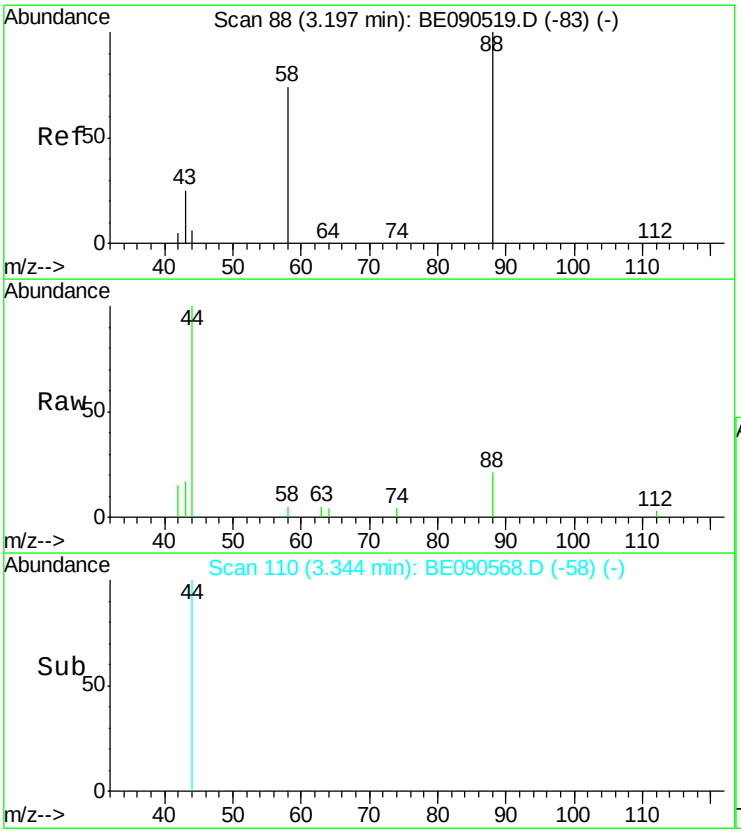
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:152 Resp: 22051

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.0	184.4
115	68.2	48.9	73.3

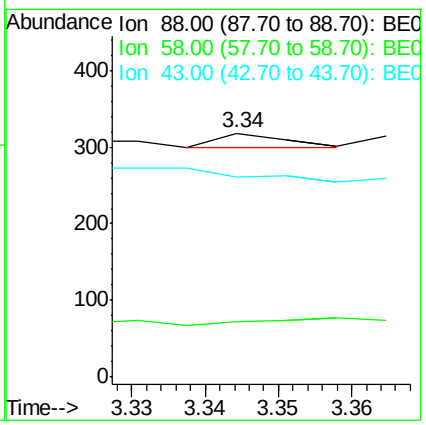


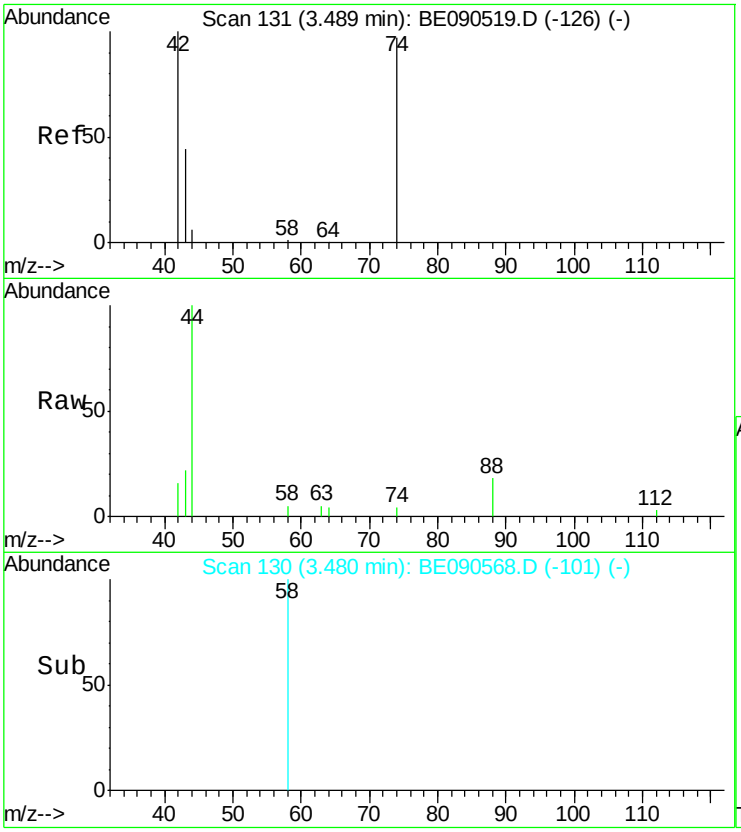


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.34 min Scan# 110
Delta R.T. 0.15 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion: 88 Resp: 11

Ion	Ratio	Lower	Upper
88	100		
58	100.0	70.0	105.0
43	0.0	28.4	42.6#



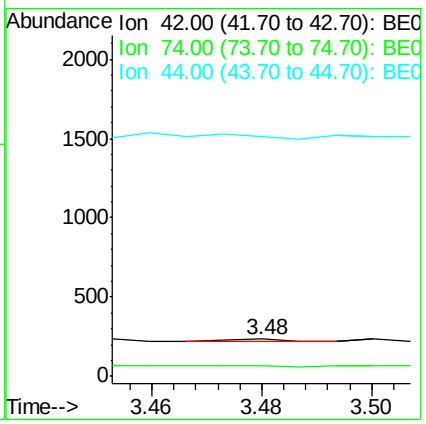


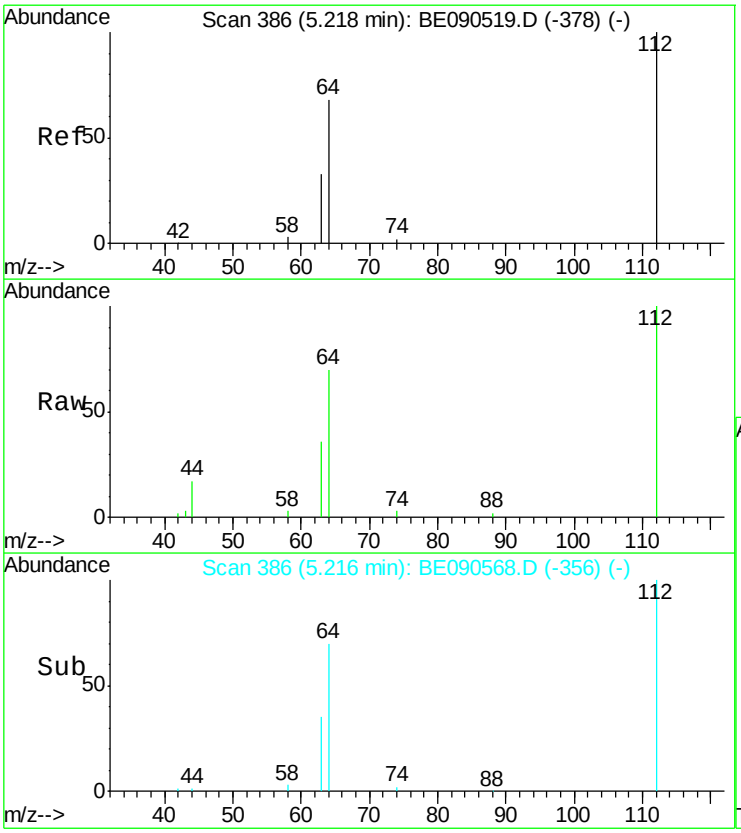
#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion: 42 Resp: 8

Ion	Ratio	Lower	Upper
42	100		
74	62.5	75.2	112.8#
44	0.0	8.7	13.1#

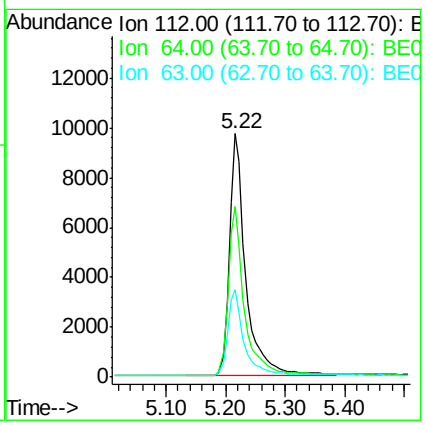


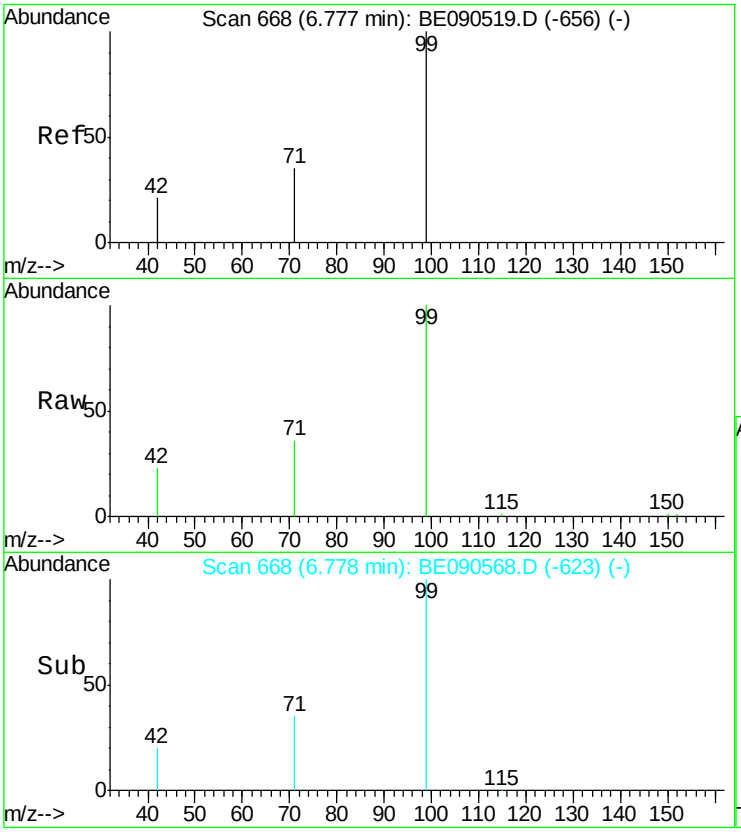


#4
2-Fluorophenol
Concen: 2.94 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:112 Resp: 18740

Ion	Ratio	Lower	Upper
112	100		
64	69.3	37.1	55.7#
63	34.9	19.5	29.3#



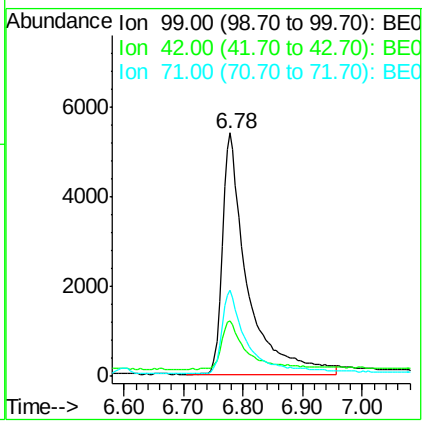


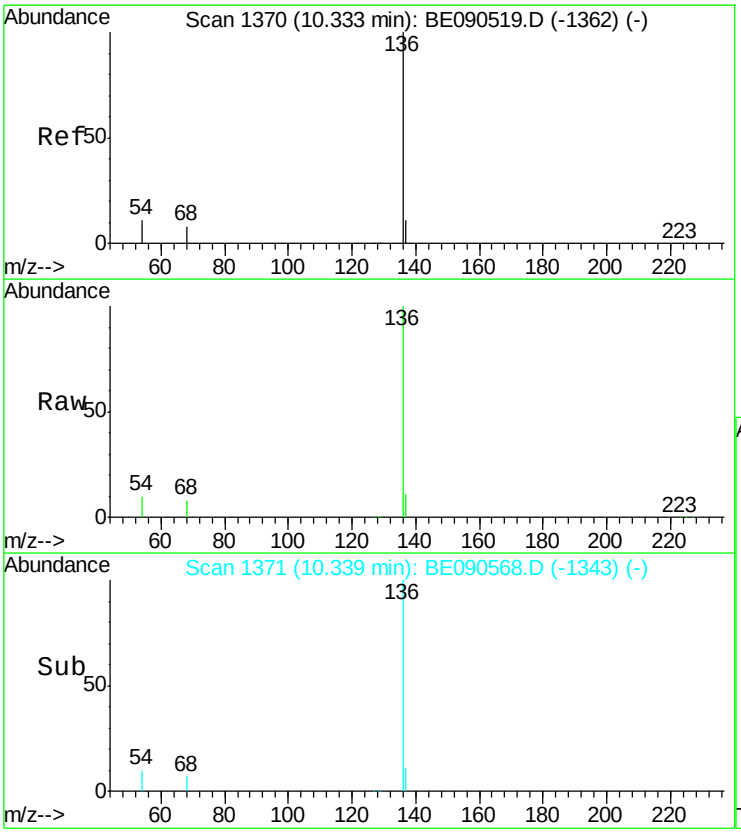
#5
Phenol-d6
Concen: 1.66 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion: 99 Resp: 15526

Ion	Ratio	Lower	Upper
99	100		
42	19.0	18.2	27.4
71	34.4	27.4	41.0

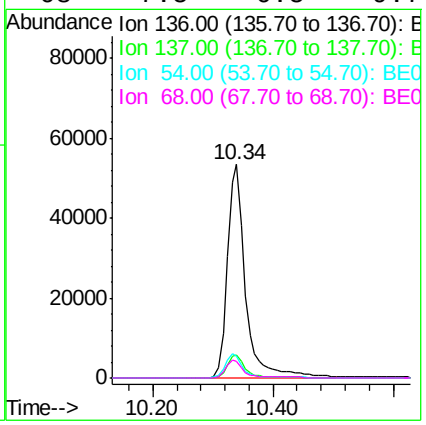


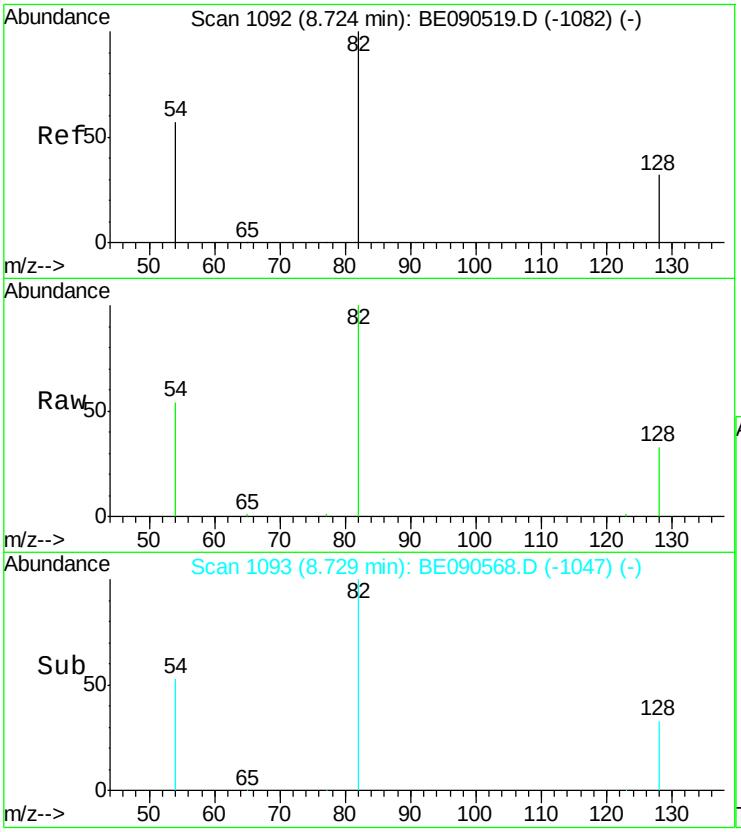


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:136 Resp: 112314

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.0	9.4	14.0
68	7.5	6.5	9.7



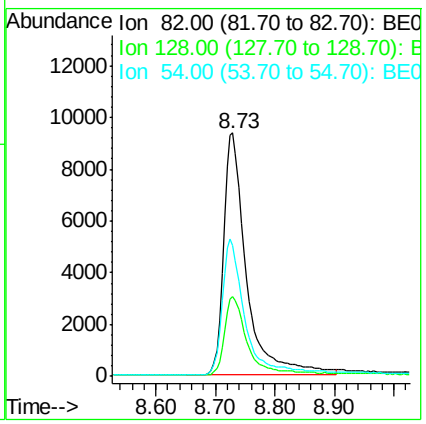


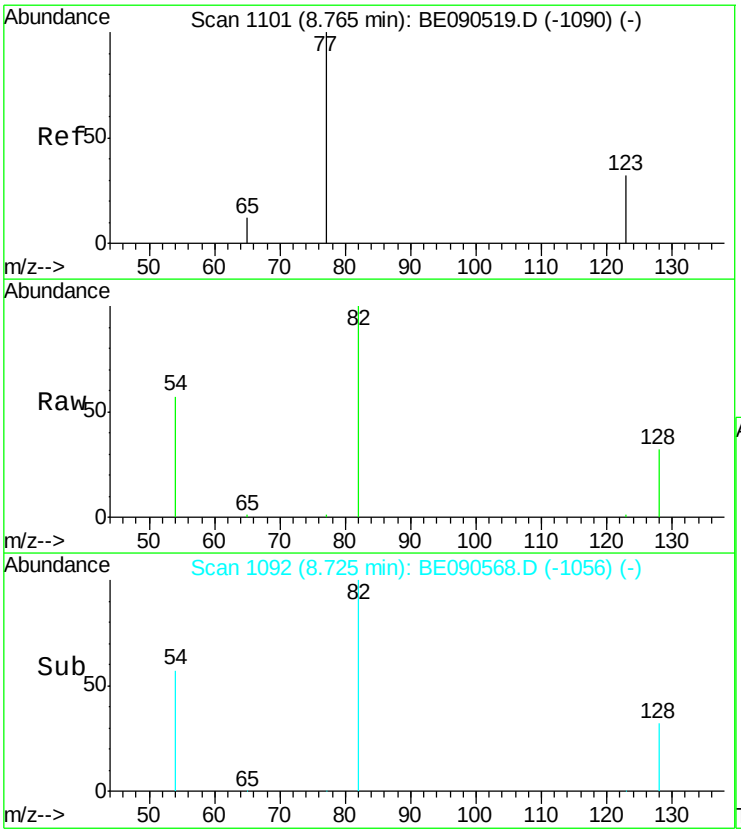
#7
Nitrobenzene-d5
Concen: 2.77 ng
RT: 8.73 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion: 82 Resp: 24818

Ion	Ratio	Lower	Upper
82	100		
128	32.9	25.0	37.6
54	53.9	48.8	73.2

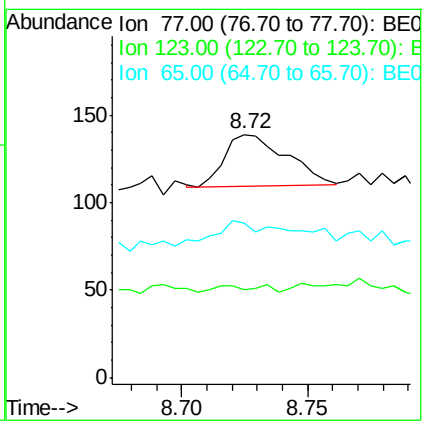


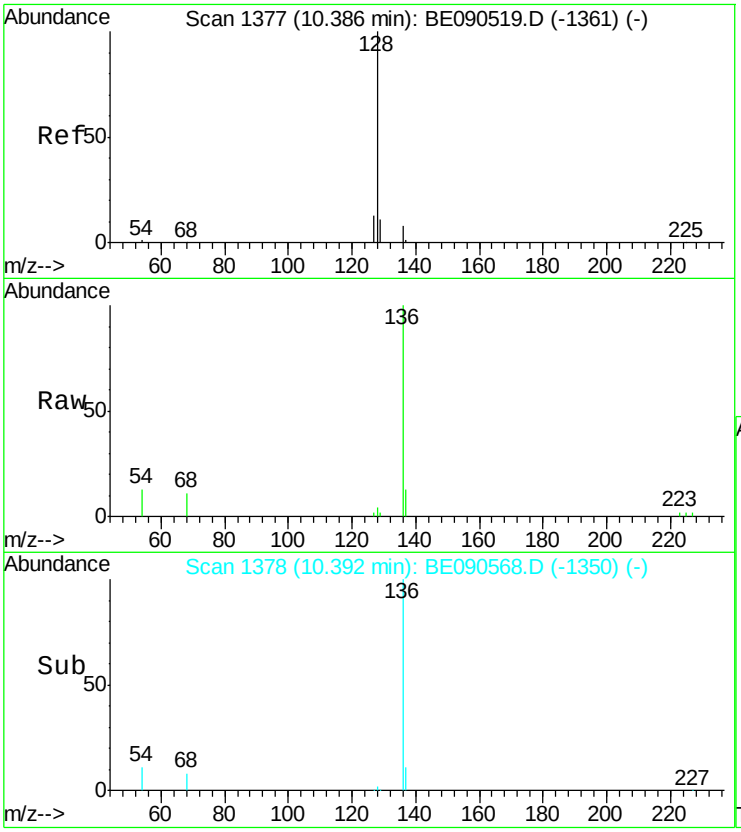


#8
Nitrobenzene
Concen: 0.01 ng
RT: 8.72 min Scan# 1092
Delta R.T. -0.04 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion: 77 Resp: 50

Ion	Ratio	Lower	Upper
77	100		
123	4.0	25.1	37.7#
65	52.0	9.3	13.9#



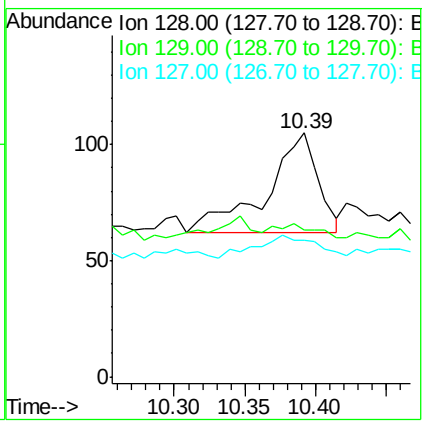


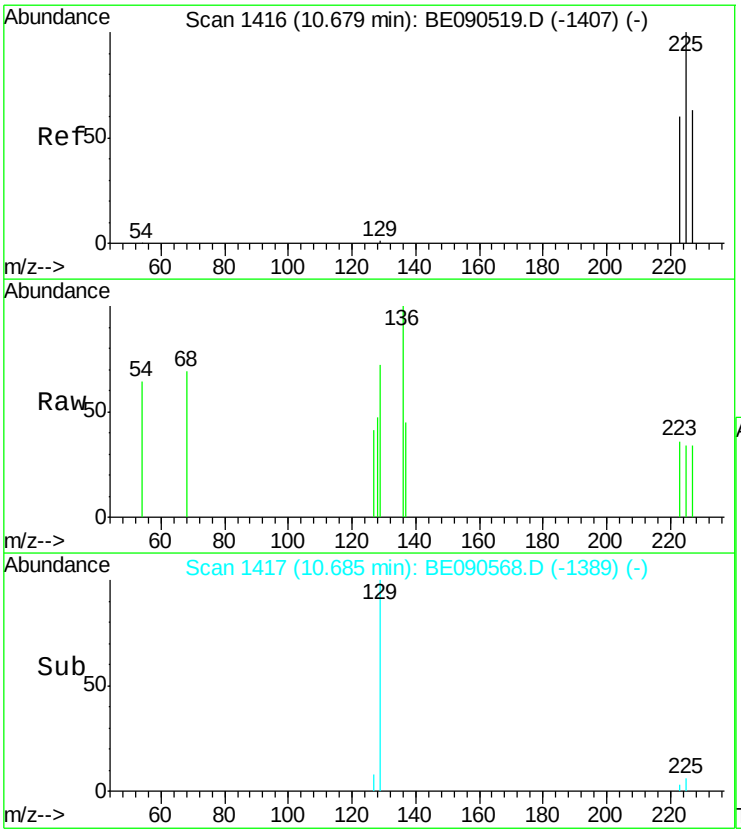
#9
Naphthalene
Concen: 0.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:128 Resp: 110

Ion	Ratio	Lower	Upper
128	100		
129	60.0	9.8	14.6#
127	56.2	10.6	16.0#

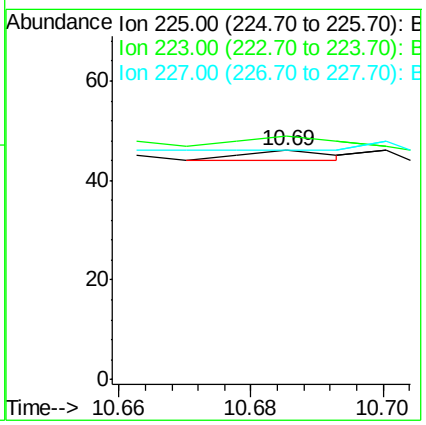


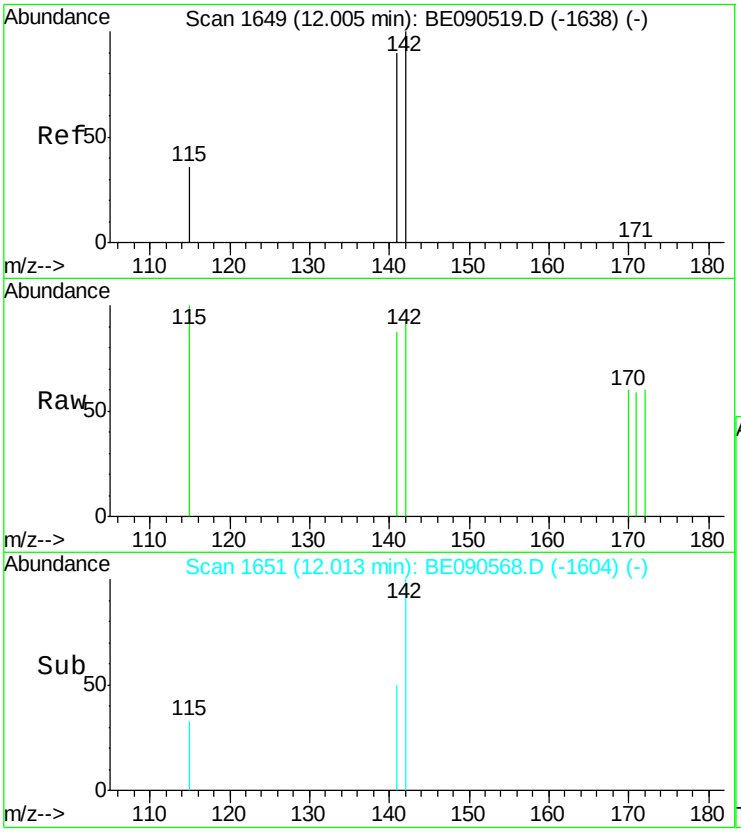


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.69 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	300.0	50.6	75.8#
227	100.0	50.7	76.1#



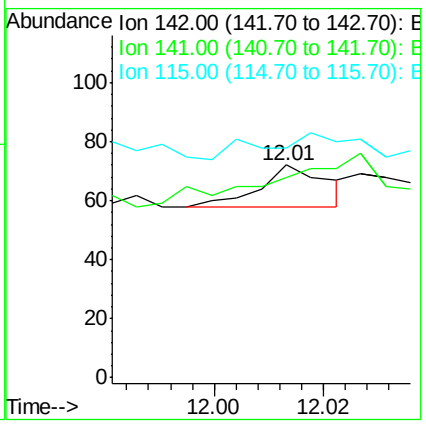


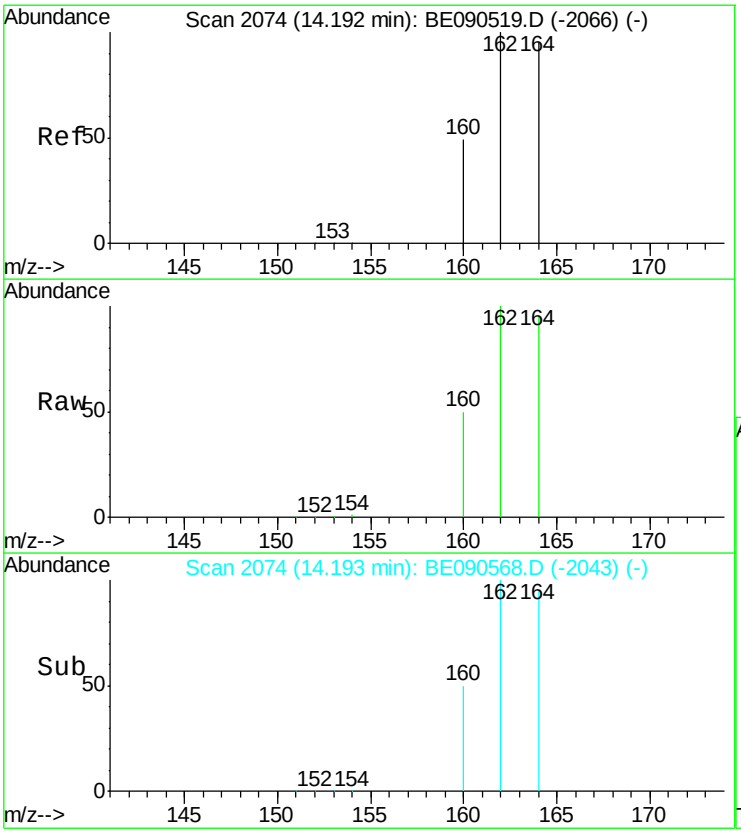
#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.01 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:142 Resp: 12

Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.6	109.0
115	108.3	31.6	47.4#

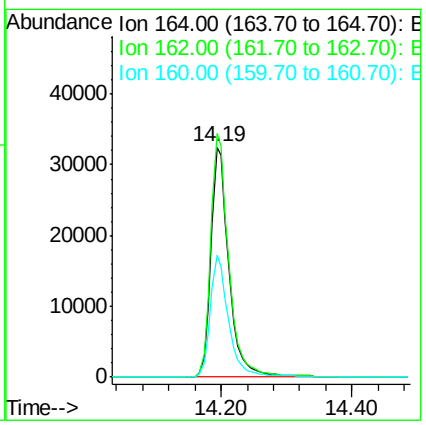


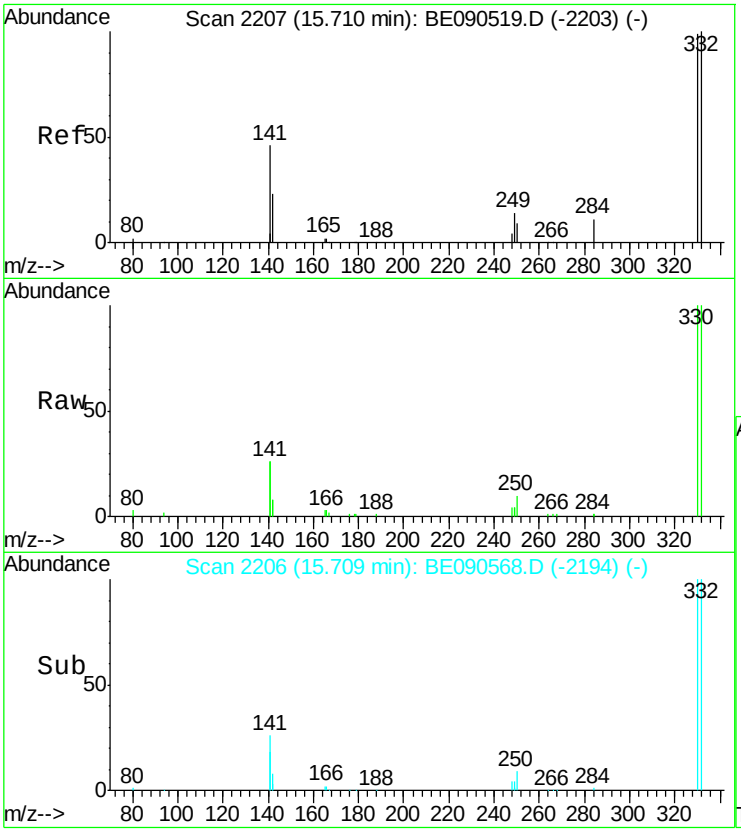


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:164 Resp: 61474

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.8	122.8
160	52.8	44.2	66.4



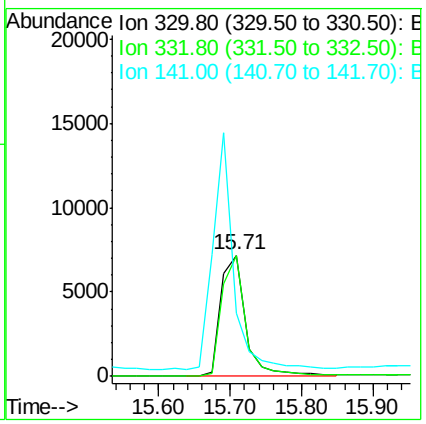


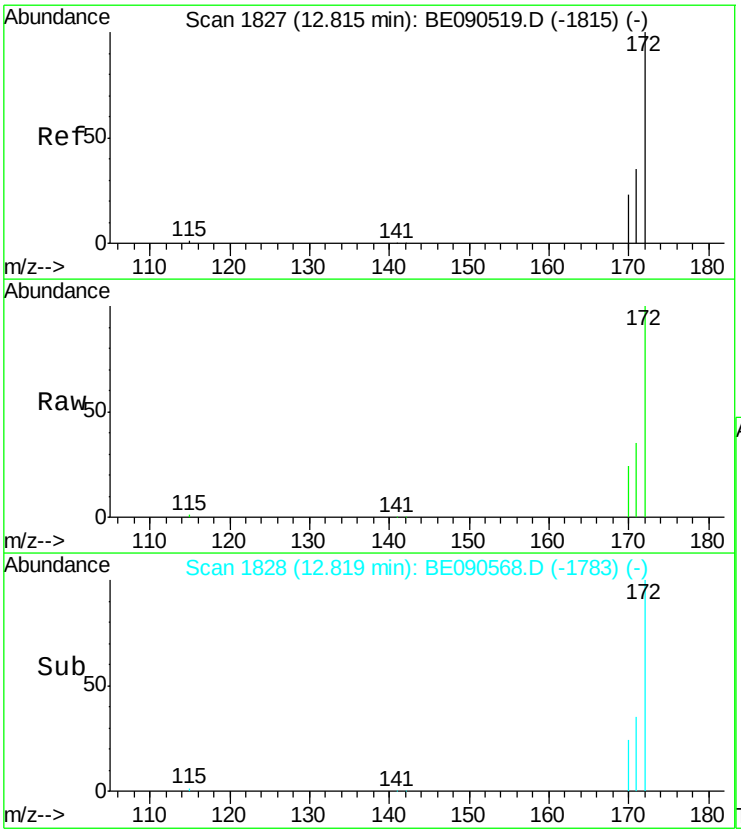
#13
2,4,6-Tribromophenol
Concen: 7.22 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:330 Resp: 17075

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.8	113.6
141	164.8	114.4	171.6

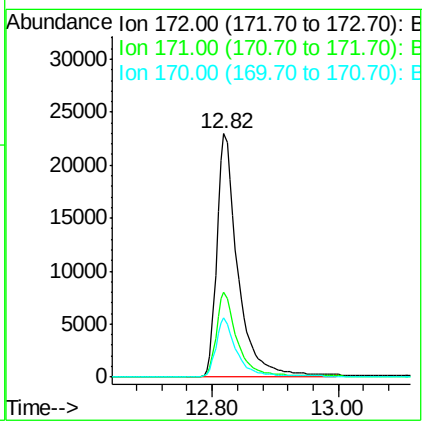


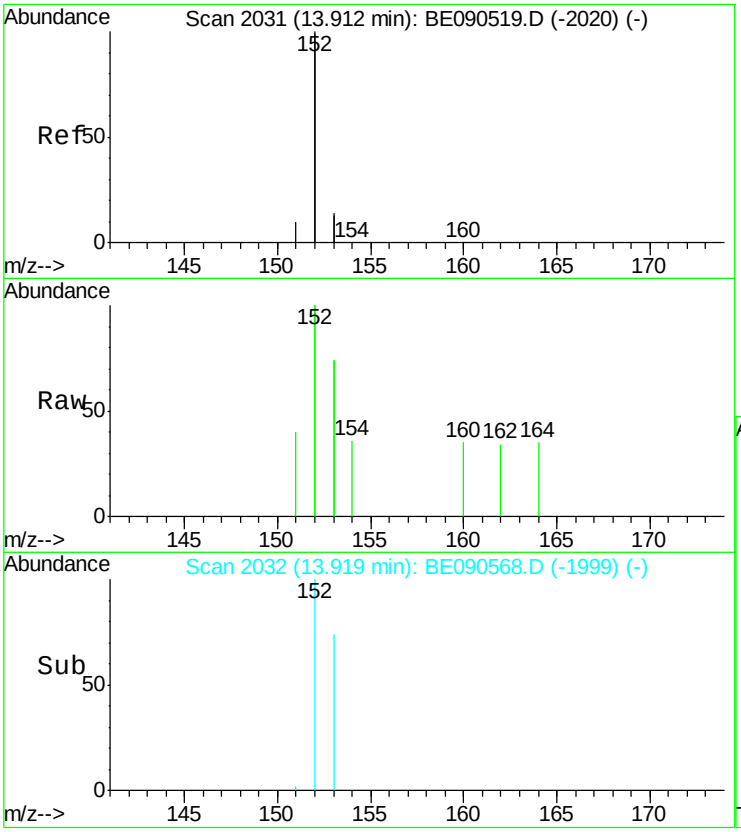


#14
2-Fluorobiphenyl
Concen: 2.87 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:172 Resp: 52642

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.4	19.8	29.8



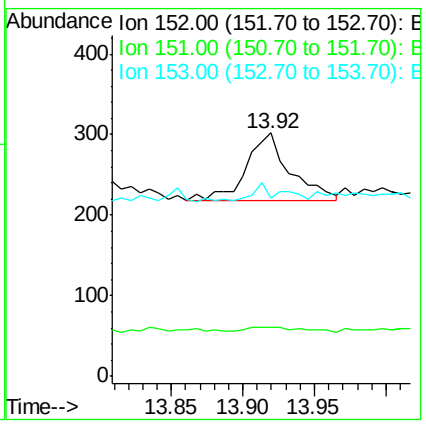


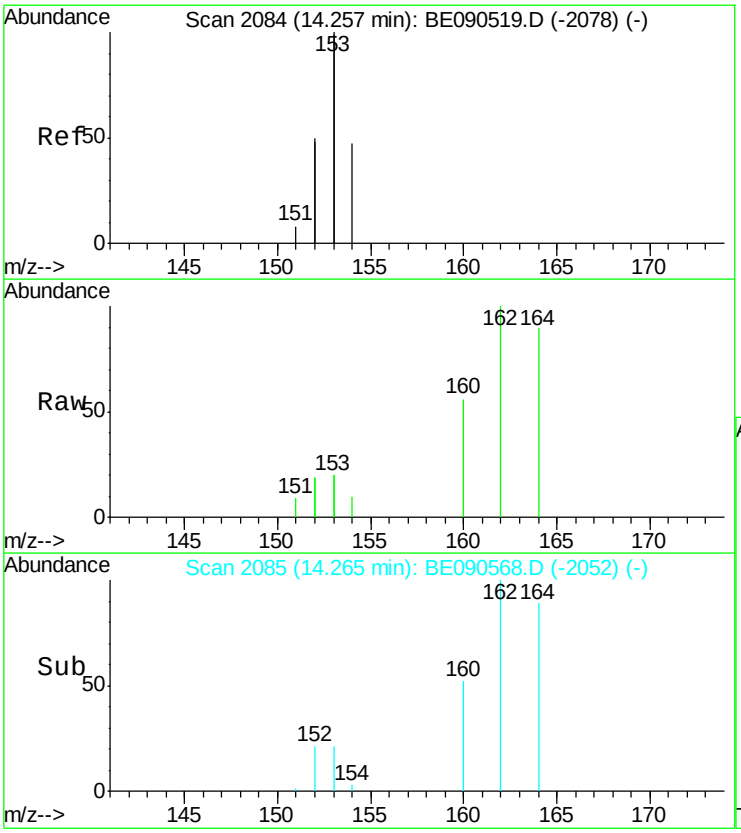
#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.92 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:152 Resp: 182

Ion	Ratio	Lower	Upper
152	100		
151	8.8	3.8	5.8#
153	14.8	10.3	15.5

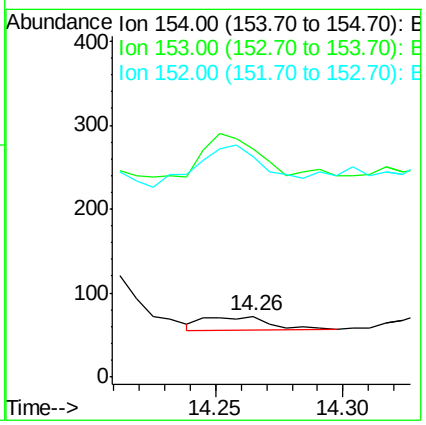


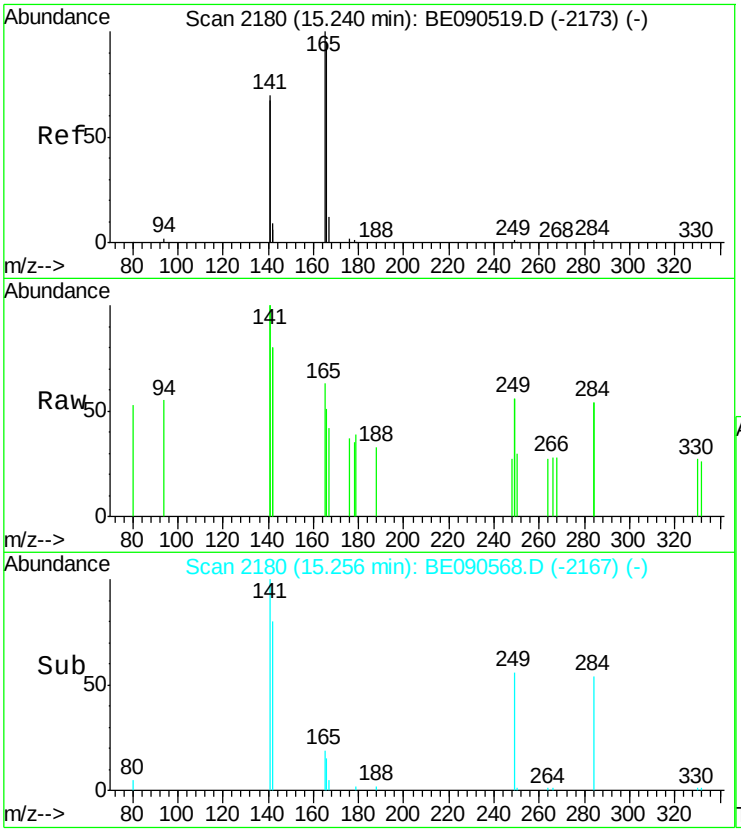


#16
Acenaphthene
Concen: 0.00 ng
RT: 14.26 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:154 Resp: 31

Ion	Ratio	Lower	Upper
154	100		
153	351.6	376.2	564.2#
152	303.2	235.0	352.4



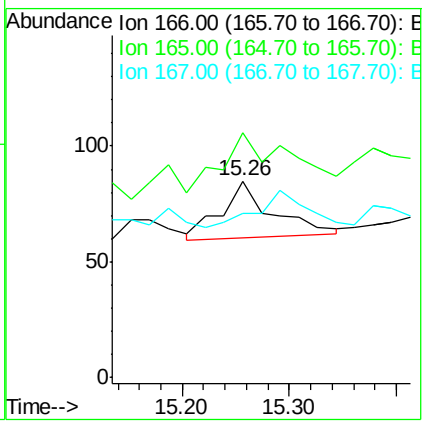


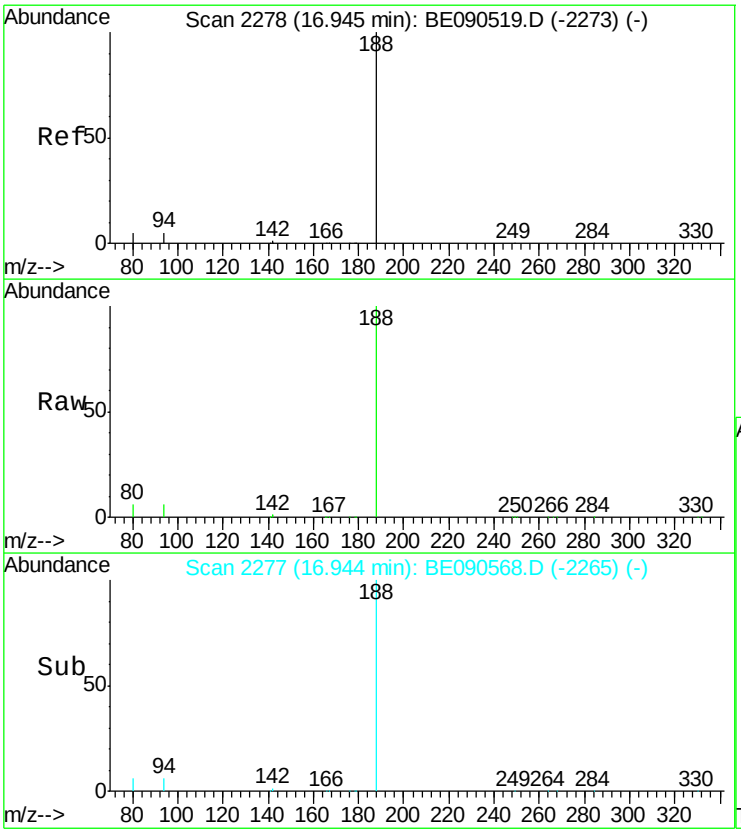
#17
Fluorene
Concen: 0.00 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:166 Resp: 84

Ion	Ratio	Lower	Upper
166	100		
165	150.0	81.5	122.3#
167	0.0	11.4	17.0#

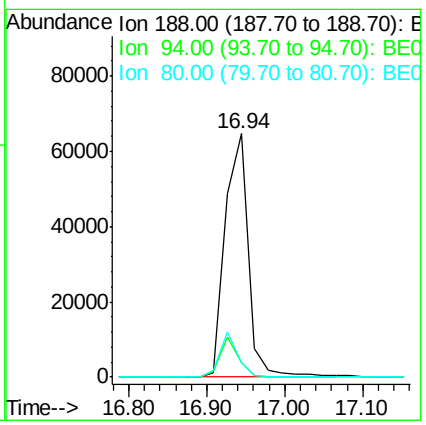


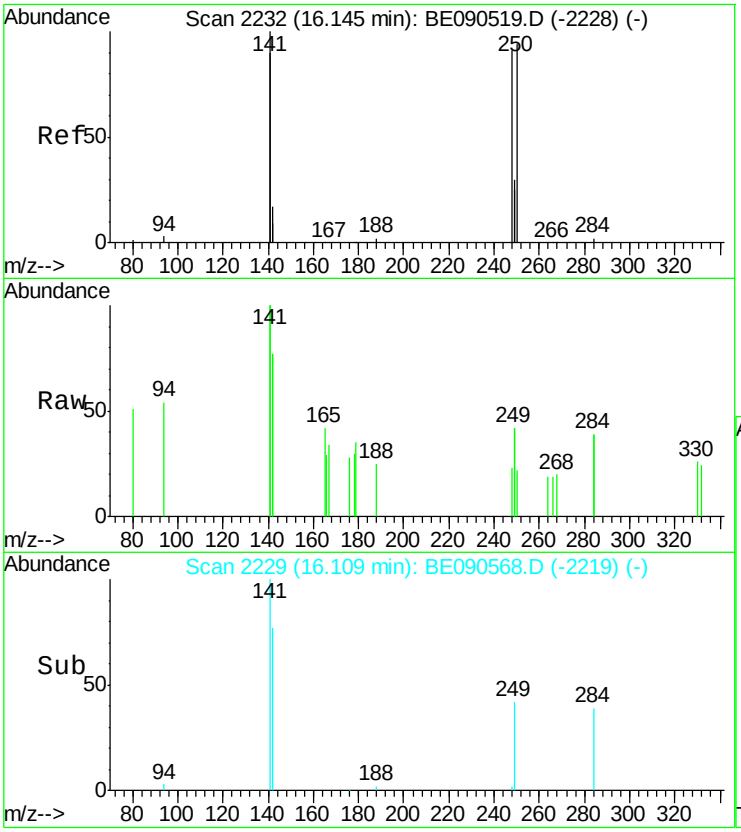


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:188 Resp: 132572

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	5.9	5.8	8.8



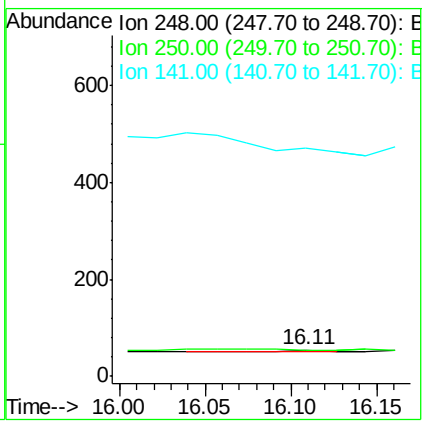


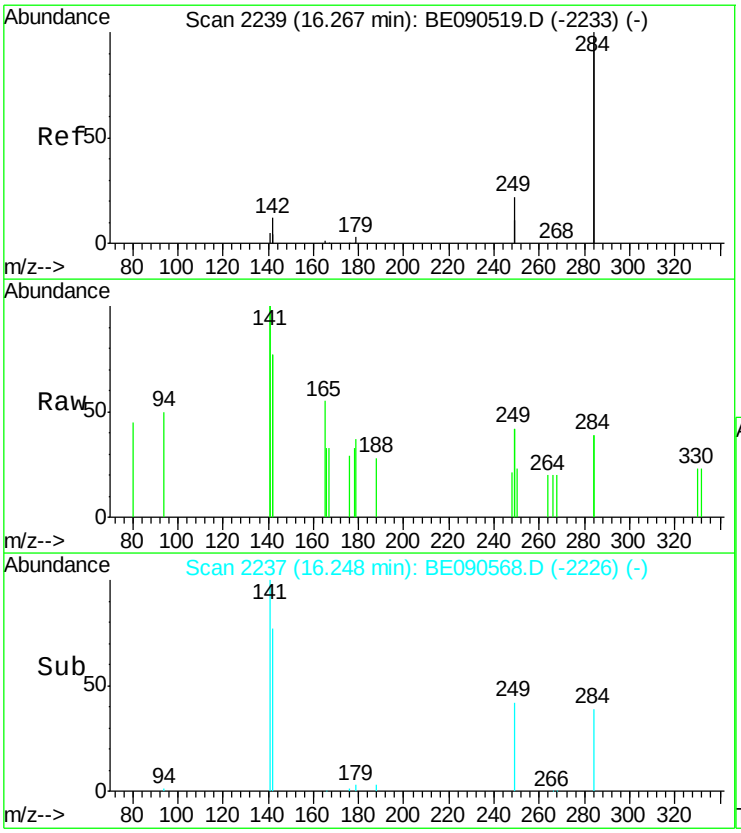
#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.03 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:248 Resp: 6

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

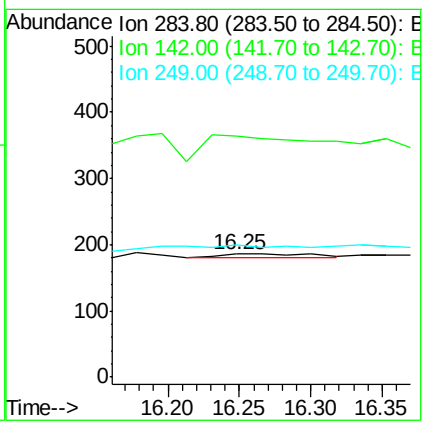


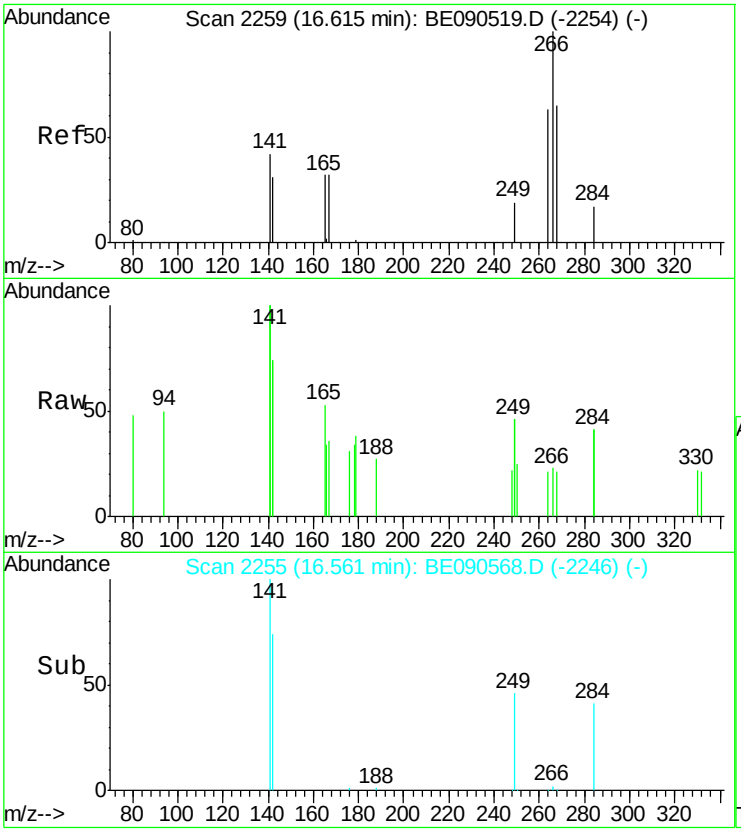


#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:284 Resp: 27

Ion	Ratio	Lower	Upper
284	100		
142	1166.7	30.1	45.1#
249	0.0	25.7	38.5#



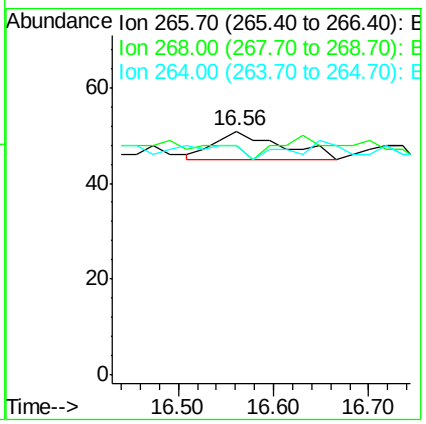


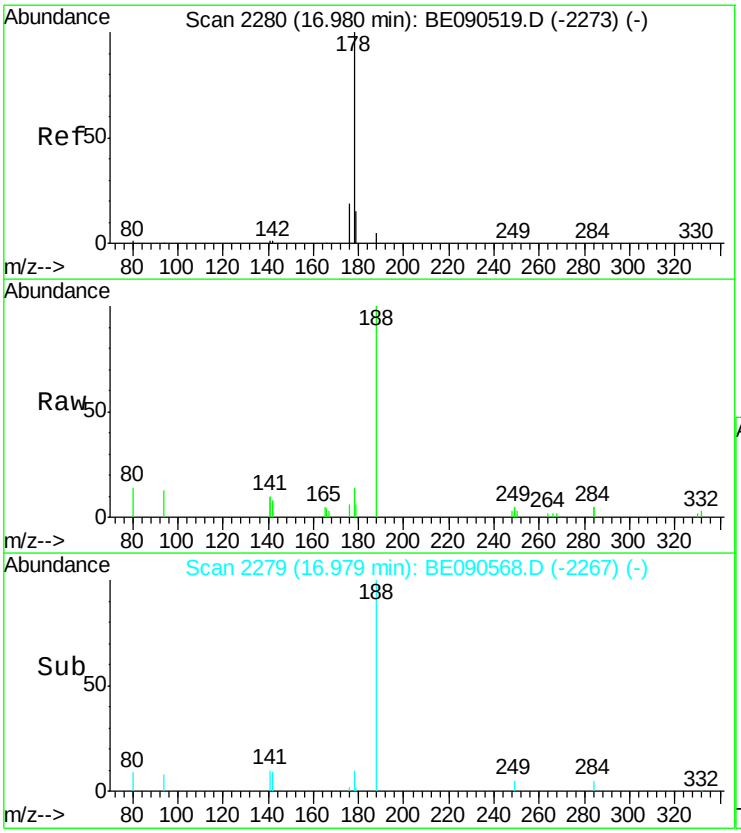
#21
Pentachlorophenol
Concen: 0.31 ng
RT: 16.56 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	94.1	58.5	87.7#
264	94.1	56.0	84.0#

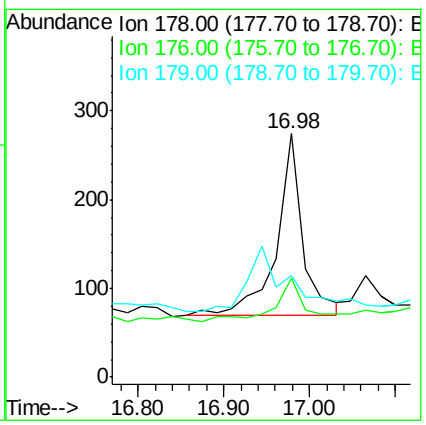


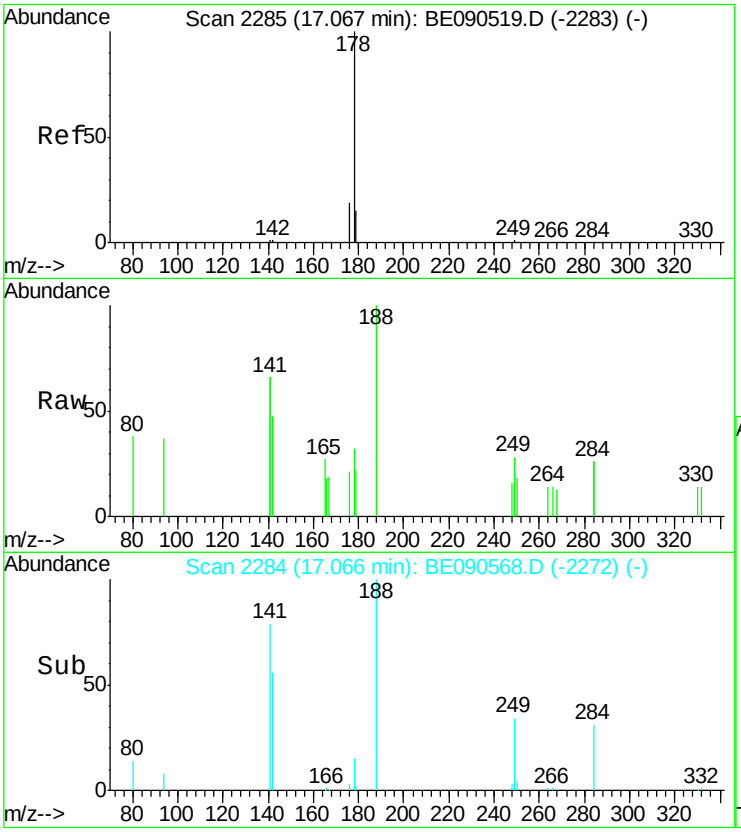


#22
Phenanthrene
Concen: 0.01 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:178 Resp: 439

Ion	Ratio	Lower	Upper
178	100		
176	30.1	15.4	23.2#
179	0.0	12.5	18.7#



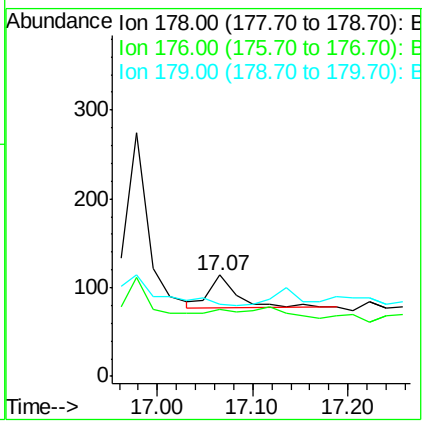


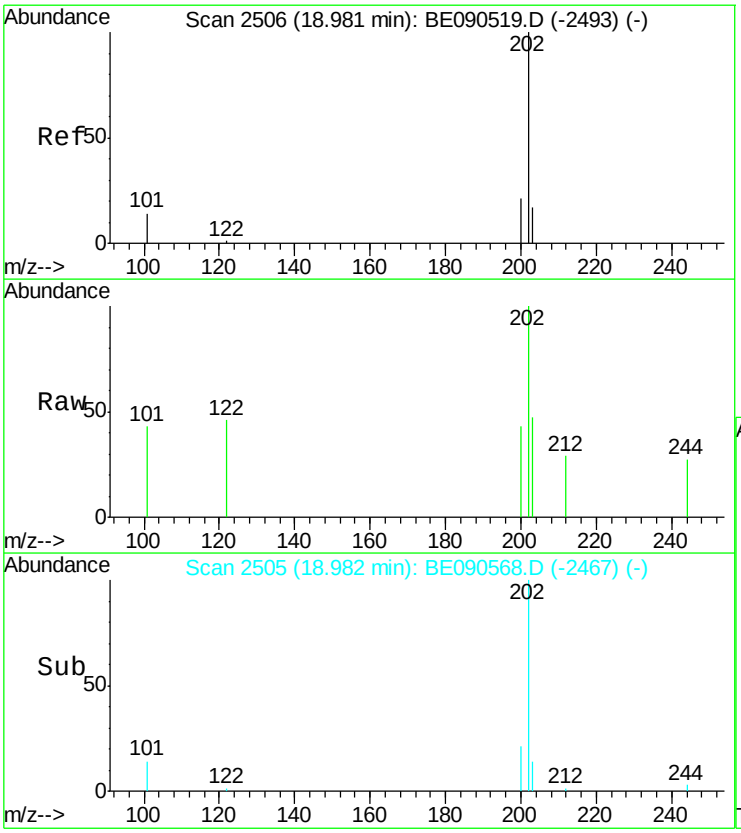
#23
Anthracene
Concen: 0.00 ng
RT: 17.07 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:178 Resp: 78

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

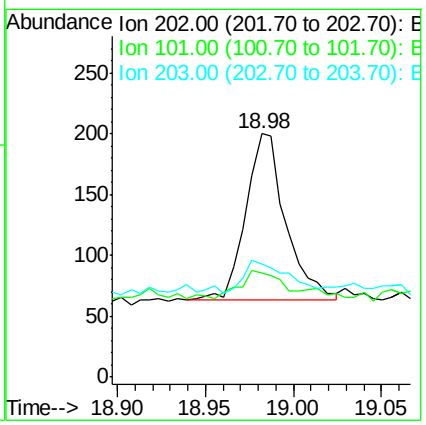


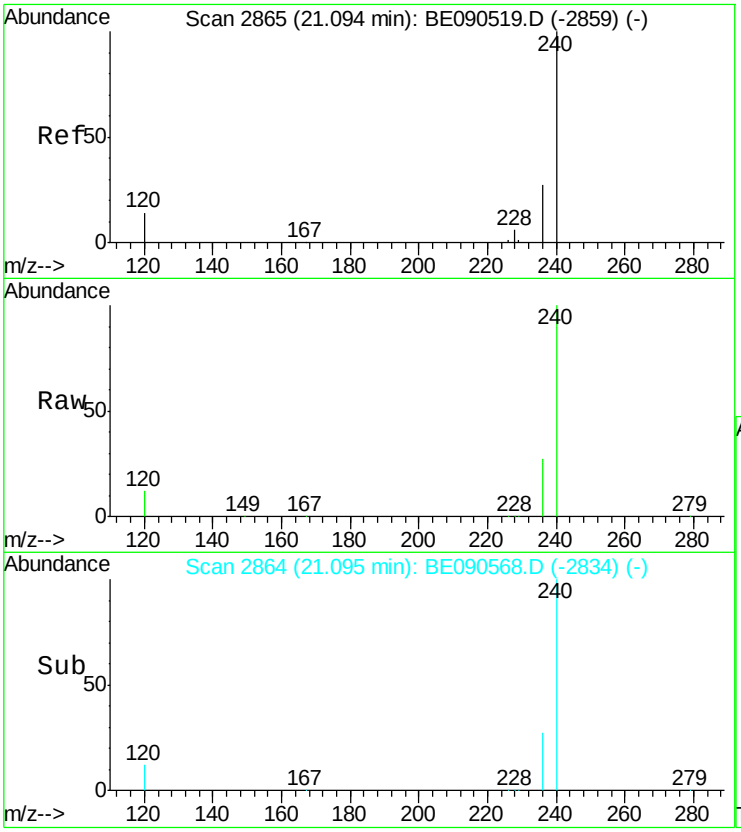


#24
Fluoranthene
Concen: 0.01 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:202 Resp: 217

Ion	Ratio	Lower	Upper
202	100		
101	17.5	10.3	15.5#
203	21.2	13.7	20.5#



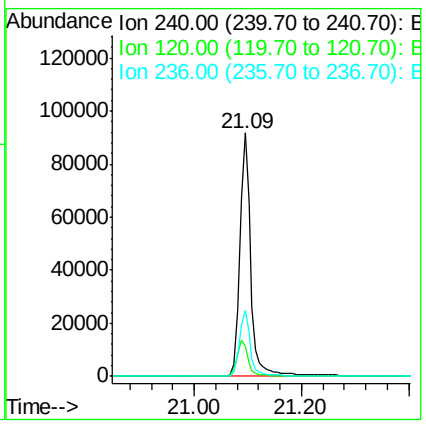


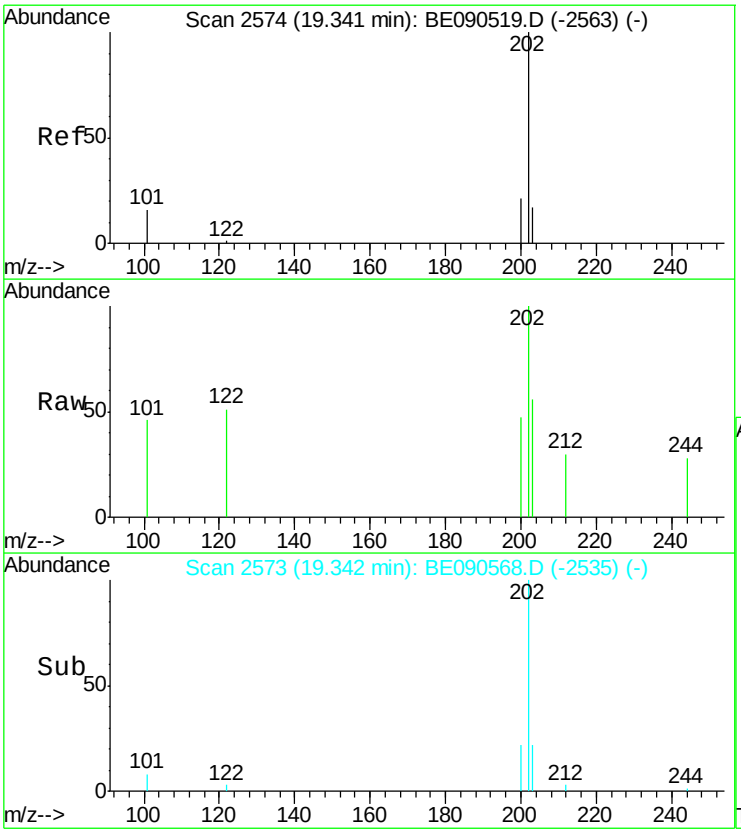
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:240 Resp: 128915

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	27.0	21.0	31.4

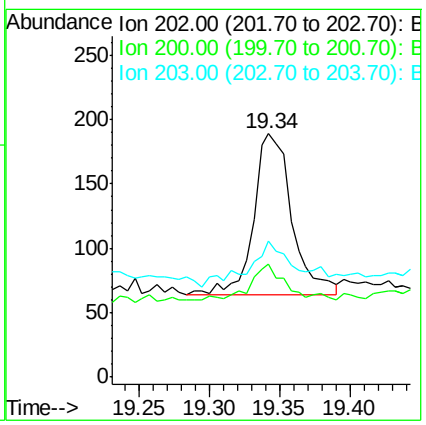


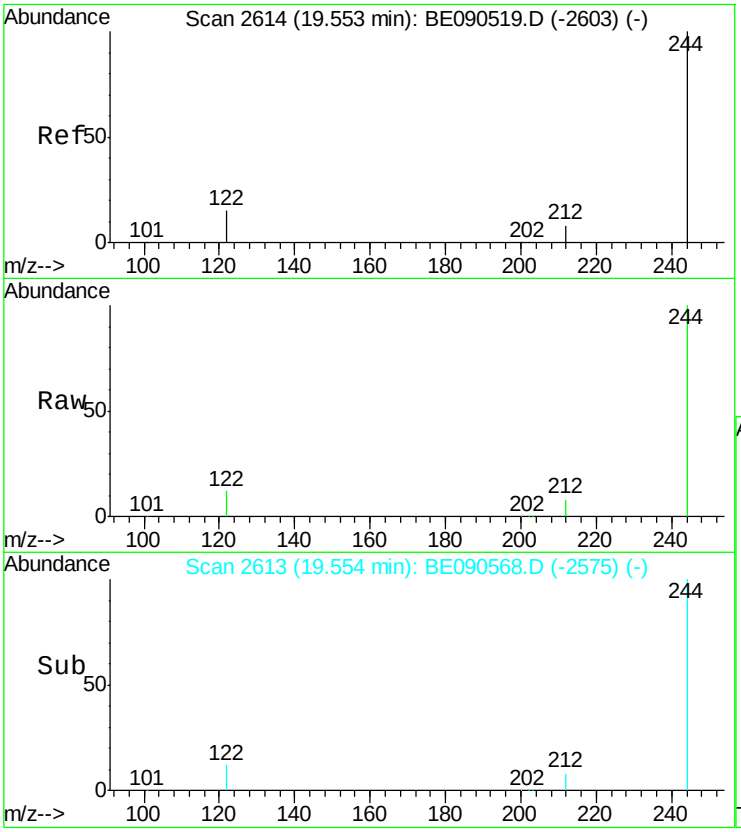


#26
Pyrene
Concen: 0.01 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:202 Resp: 238

Ion	Ratio	Lower	Upper
202	100		
200	23.9	16.7	25.1
203	30.7	13.8	20.8#



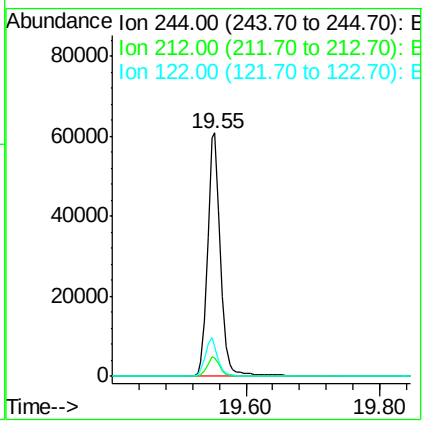


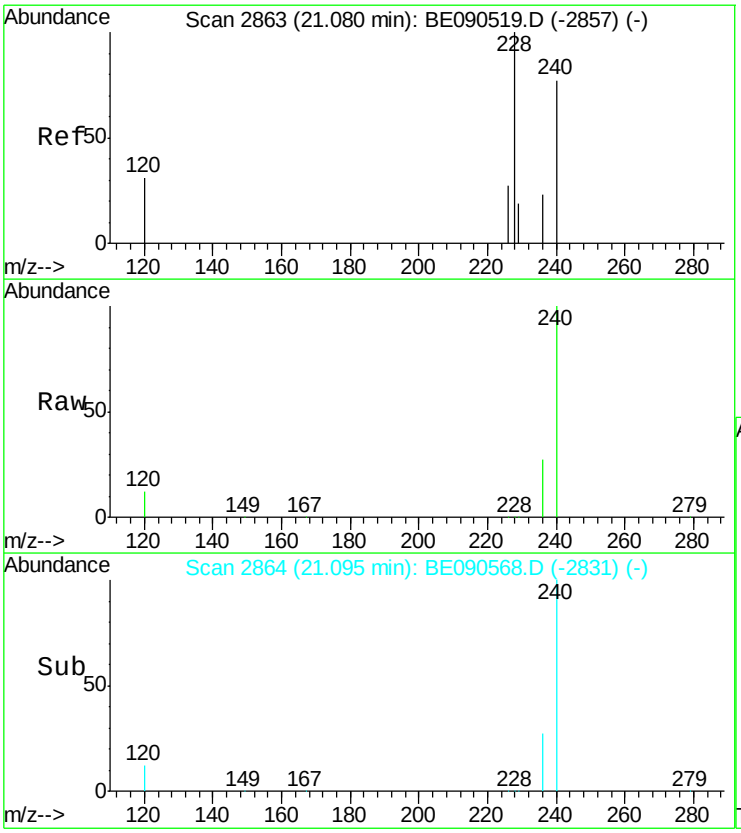
#27
Terphenyl-d14
Concen: 3.44 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:244 Resp: 81217

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	12.4	10.2	15.4

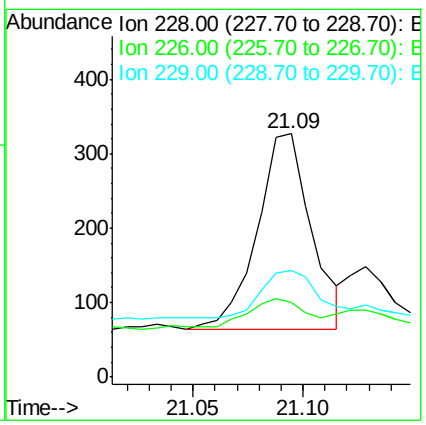


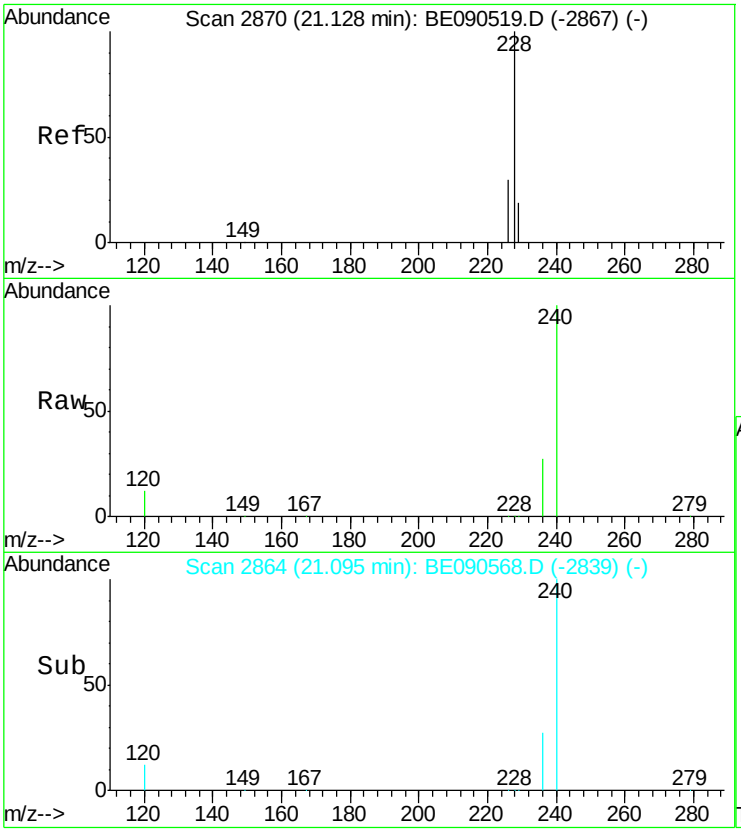


#28
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.02 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:228 Resp: 454

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.9	32.9
229	43.7	15.4	23.0#



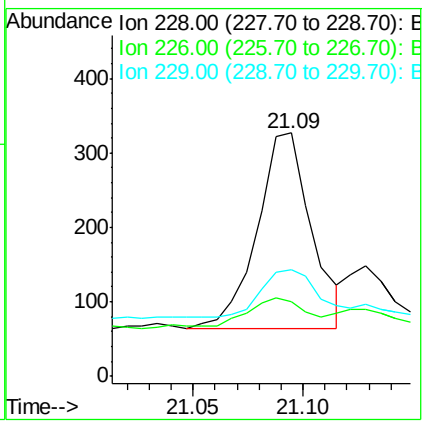


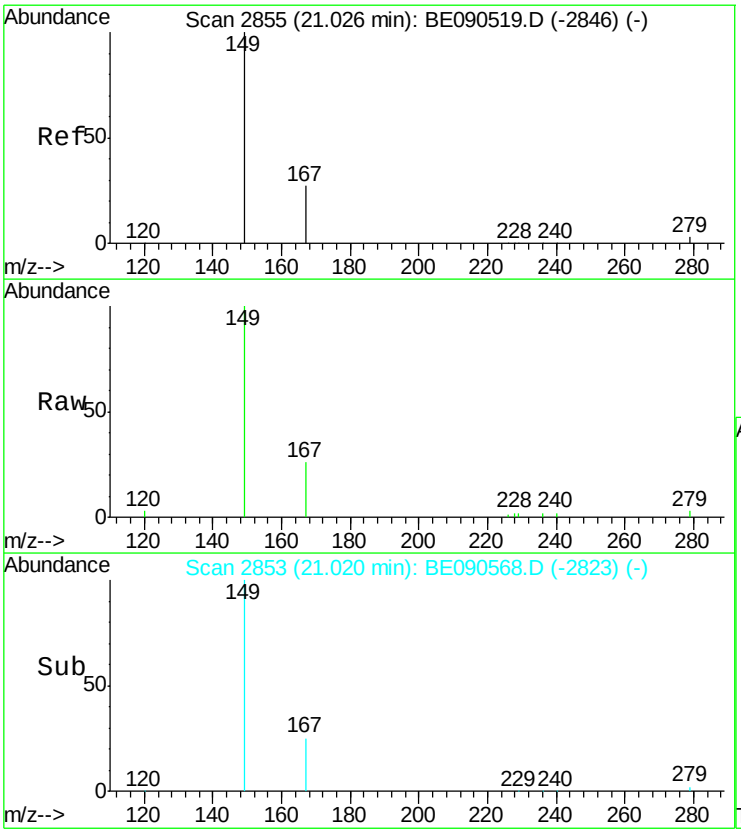
#29
Chrysene
Concen: 0.01 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.03 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:228 Resp: 454

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.1	34.7
229	43.7	15.8	23.8#

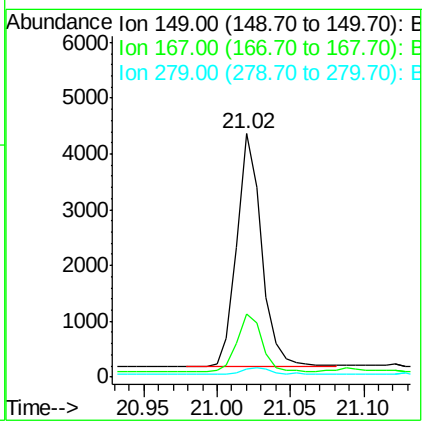


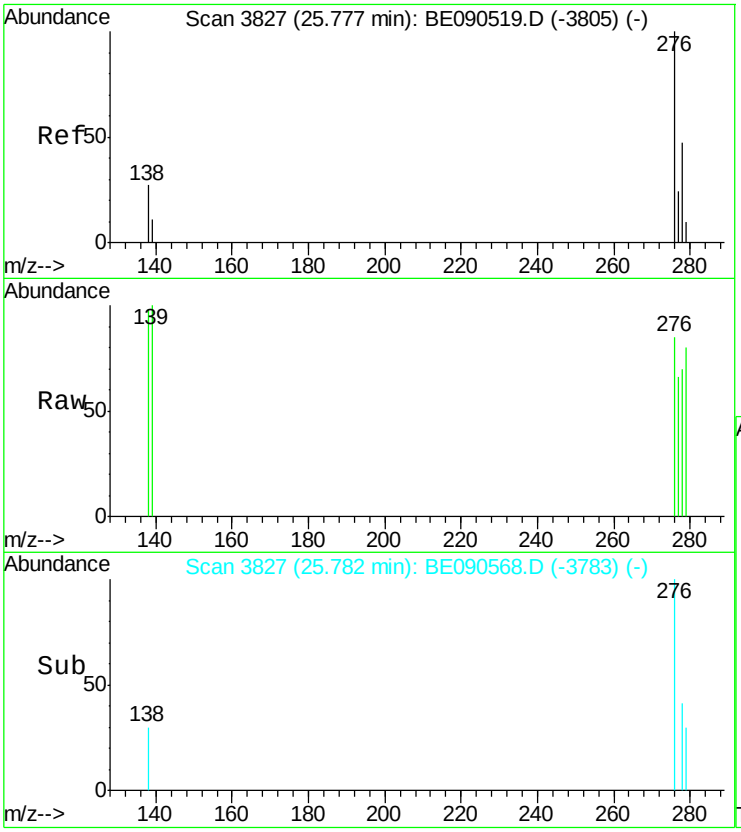


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.02 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:149 Resp: 4907

Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.8	29.8
279	3.0	2.4	3.6



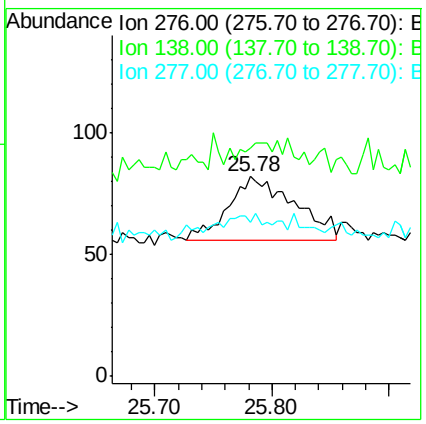


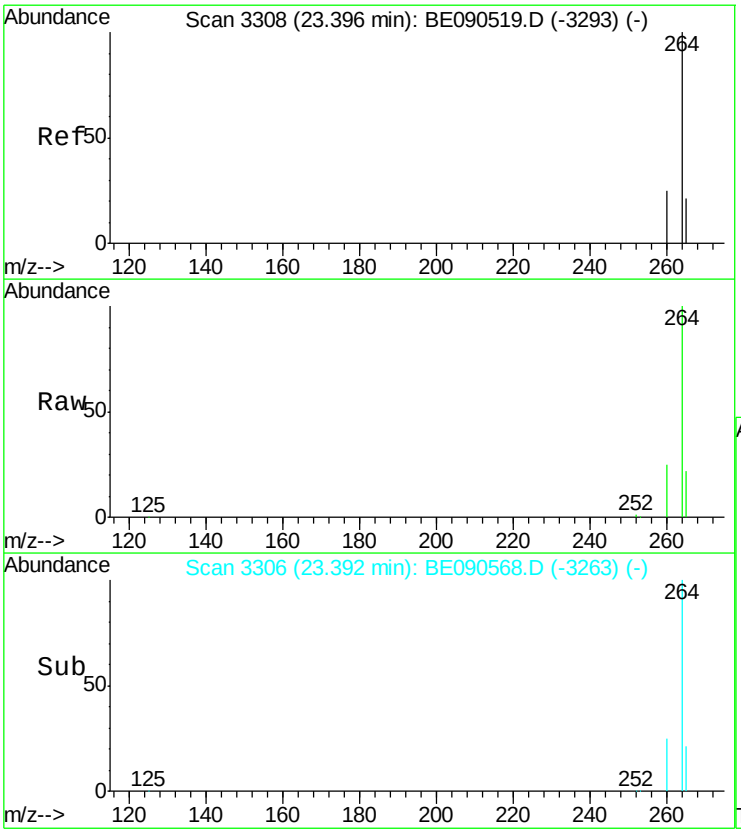
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.78 min Scan# 3827
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:276 Resp: 101

Ion	Ratio	Lower	Upper
276	100		
138	15.8	18.8	28.2#
277	17.8	18.2	27.4#

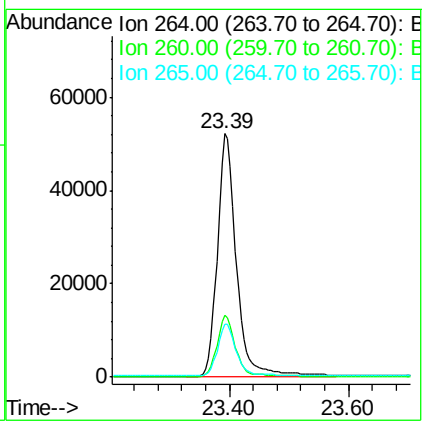


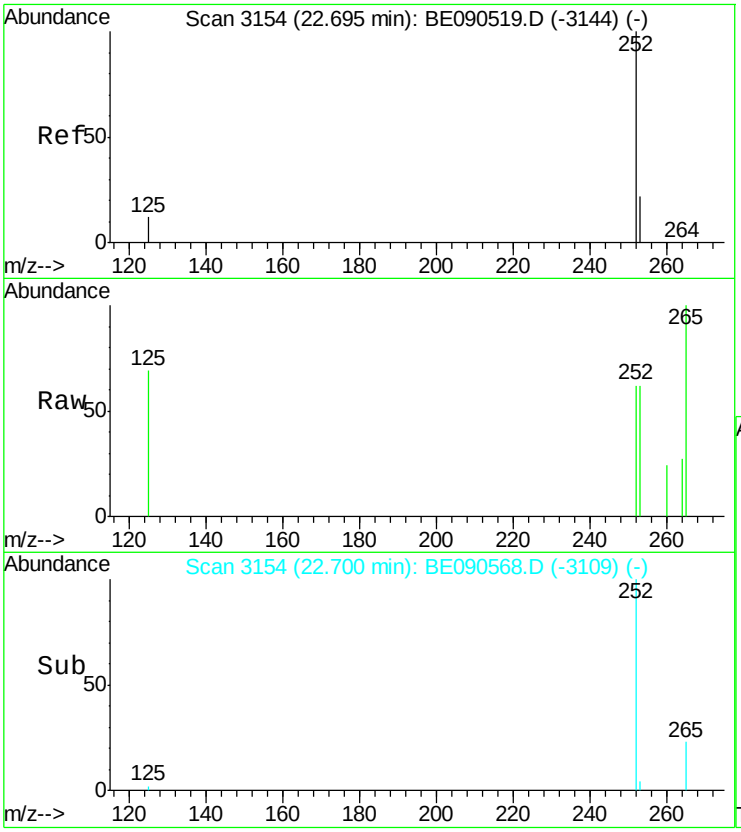


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:264 Resp: 116730

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.9	17.2	25.8



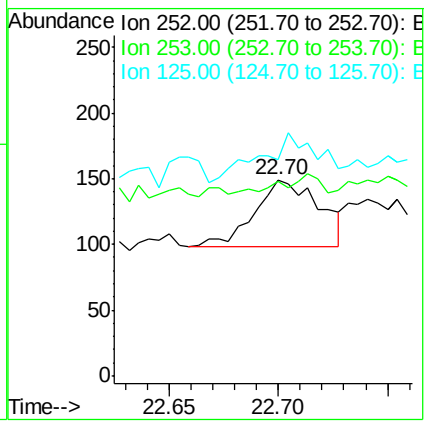


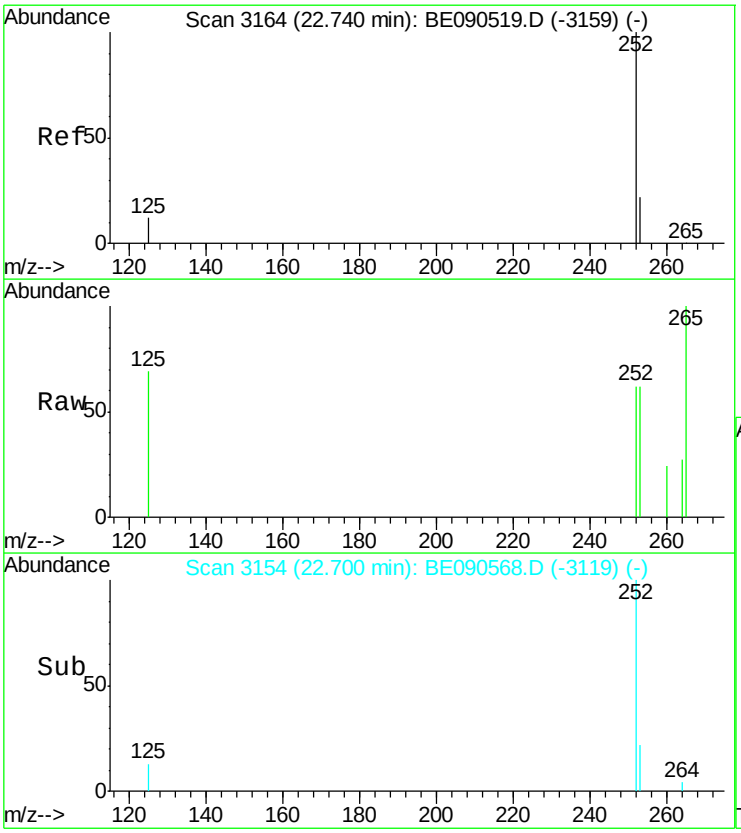
#33
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.70 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
253	99.3	18.1	27.1#
125	110.7	9.4	14.2#

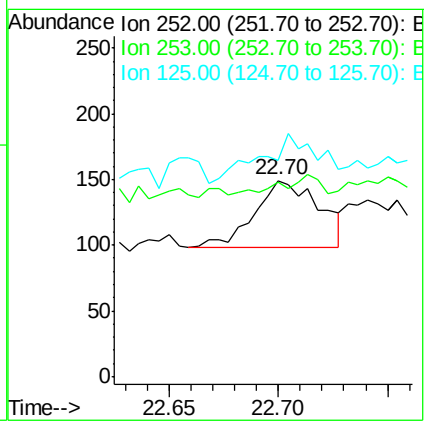


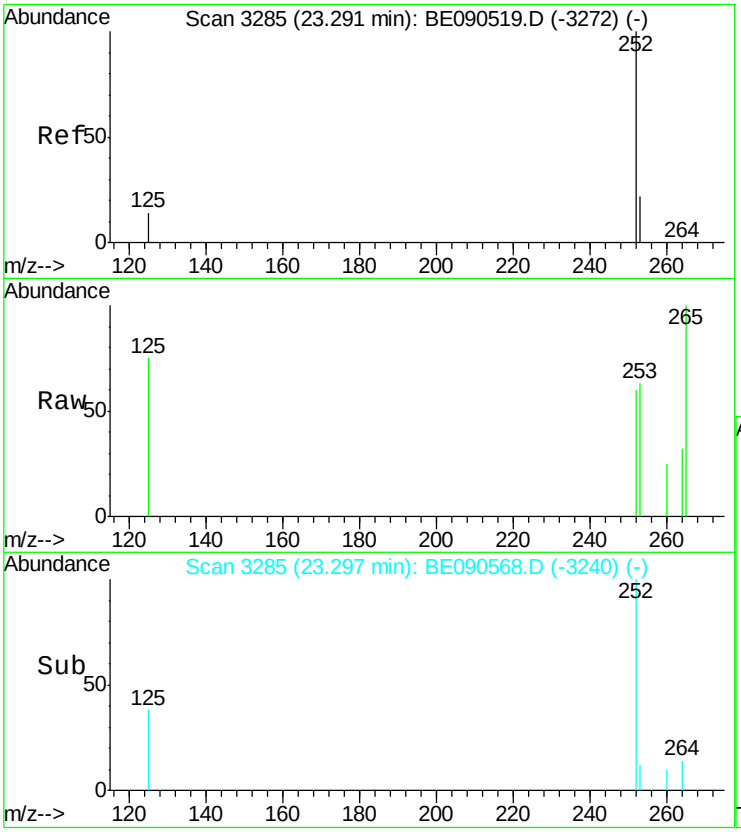


#34
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.04 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
253	99.3	18.1	27.1#
125	110.7	9.1	13.7#



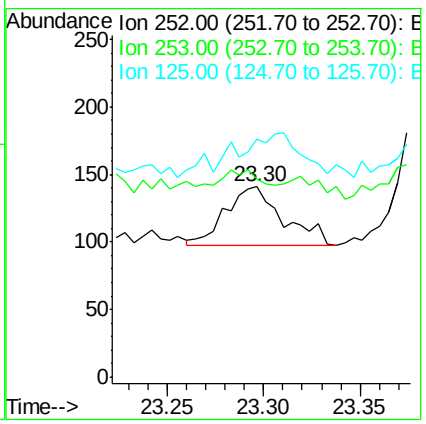


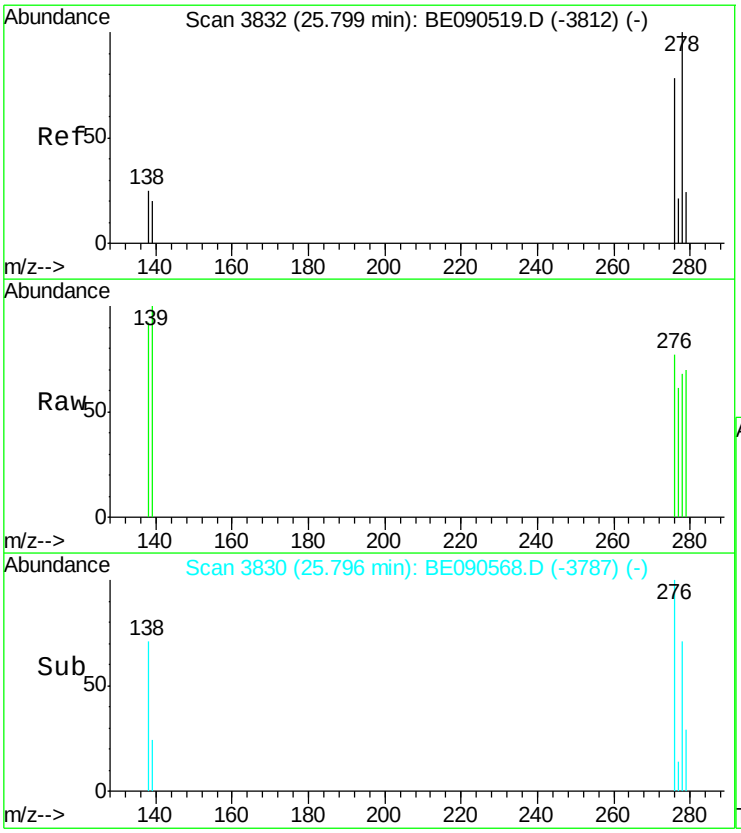
#35
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:252 Resp: 92

Ion	Ratio	Lower	Upper
252	100		
253	104.3	17.6	26.4#
125	124.8	9.8	14.6#

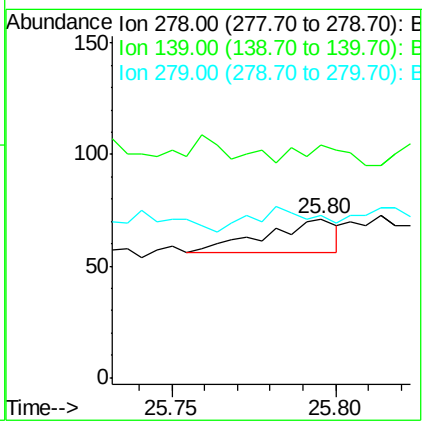


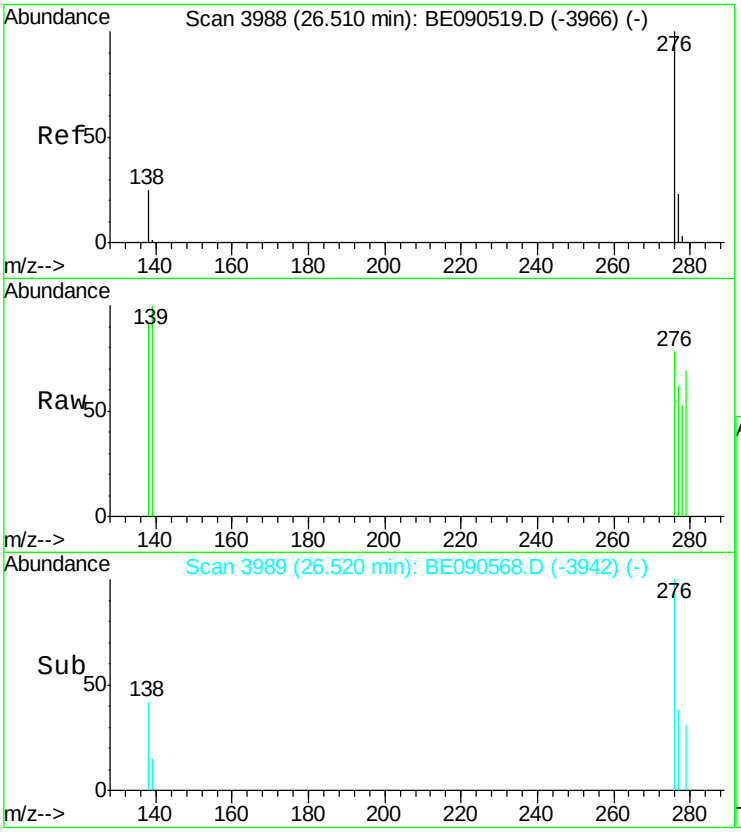


#36
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.80 min Scan# 3830
Delta R.T. -0.00 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Tgt Ion:278 Resp: 23

Ion	Ratio	Lower	Upper
278	100		
139	146.5	14.2	21.4#
279	102.8	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.52 min Scan# 3989
Delta R.T. 0.01 min
Lab File: BE090568.D
Acq: 18 Aug 2015 23:43

Instrument :
BNA_E
ClientSampleId :
081615-D534-F-U-S

Tgt Ion:276 Resp: 108

Ion	Ratio	Lower	Upper
276	100		
277	79.5	20.1	30.1#
138	116.9	18.1	27.1#