Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090566.D
Acq On : 18 Aug 2015 22:32
Operator : UM/IZ
Sample : G3329-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 19 02:36:03 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	24647	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	125070	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	67653	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	145881	5.00	ng		0.00
25) Chrysene-d12	21.09	240	145646	5.00	ng		0.00
32) Perylene-d12	23.40	264	131746	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	17814	2.50	ng		0.00
5) Phenol-d6	6.78	99	15409	1.47	ng		0.00
7) Nitrobenzene-d5	8.72	82	29106	2.92	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	20079	7.71	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	63260	3.13	ng		0.00
27) Terphenyl-d14	19.55	244	96566	3.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	41	Below Cal		#	1
3) n-Nitrosodimethylamine	3.48	42	24	0.01	ng	#	1
8) Nitrobenzene	8.77	77	50	0.00	ng	#	75
9) Naphthalene	10.39	128	366	0.01	ng	#	45
10) Hexachlorobutadiene	10.68	225	31	0.01	ng	#	84
11) 2-Methylnaphthalene	12.01	142	524	0.03	ng	#	89
15) Acenaphthylene	13.91	152	787	0.01	ng	#	89
16) Acenaphthene	14.26	154	142	0.01	ng		76
17) Fluorene	15.26	166	329	0.01	ng	#	88
19) 4-Bromophenyl-phenylether	16.15	248	97	0.02	ng	#	29
20) Hexachlorobenzene	16.27	284	547	0.02	ng	#	62
21) Pentachlorophenol	16.61	266	78	0.32	ng	#	79
22) Phenanthrene	17.07	178	535	0.01	ng		99
23) Anthracene	17.07	178	635	0.02	ng		95
24) Fluoranthene	18.98	202	1142	0.03	ng		97
26) Pyrene	19.34	202	1225	0.03	ng	#	94
28) Benzo(a)anthracene	21.08	228	1769	0.05	ng	#	93
29) Chrysene	21.13	228	1496	0.04	ng	#	88
30) Bis(2-ethylhexyl)phthalate	21.02	149	3479	0.29	ng		100
31) Indeno(1,2,3-cd)pyrene	25.78	276	1114	0.03	ng	#	94
33) Benzo(b)fluoranthene	22.70	252	1251	0.04	ng	#	57
34) Benzo(k)fluoranthene	22.75	252	1151	0.03	ng	#	57
35) Benzo(a)pyrene	23.29	252	1089	0.04	ng	#	43
36) Dibenzo(a,h)anthracene	25.80	278	824	0.03	ng	#	40
37) Benzo(g,h,i)perylene	26.51	276	1043	0.03	ng	#	59

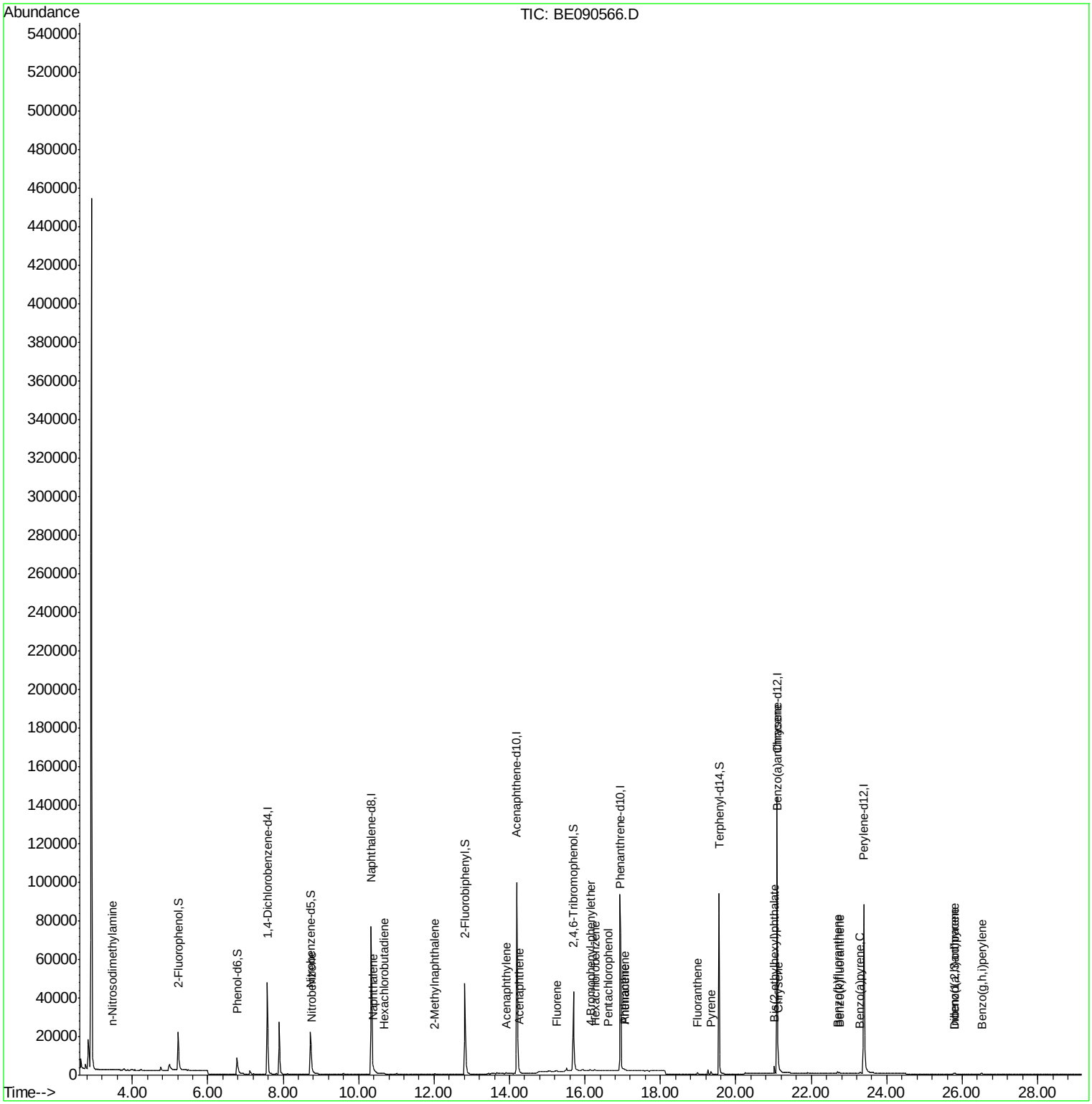
(#) = qualifier out of range (m) = manual integration (+) = signals summed

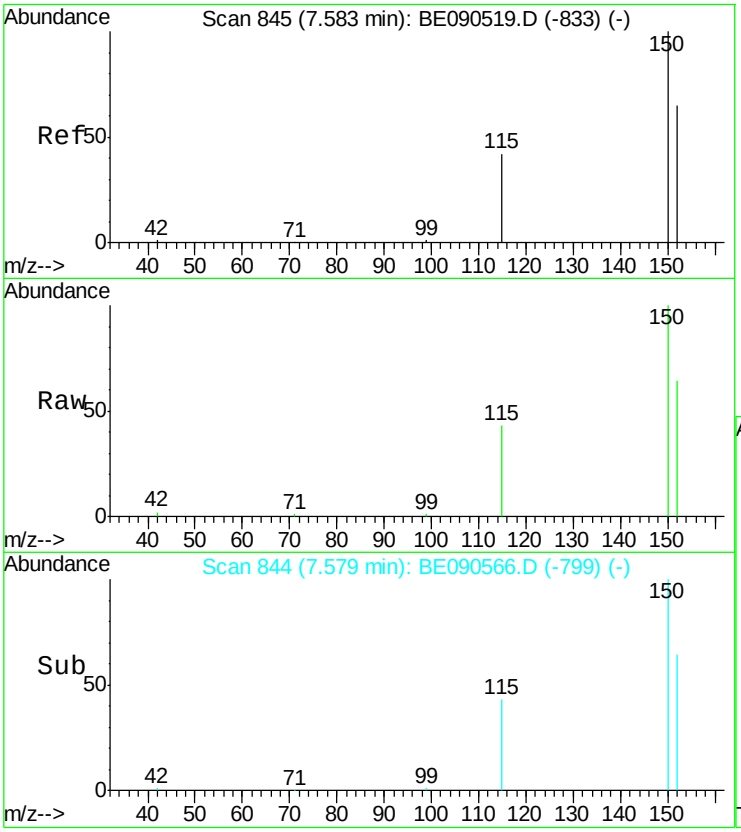
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090566.D
Acq On : 18 Aug 2015 22:32
Operator : UM/IZ
Sample : G3329-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 19 02:36:03 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



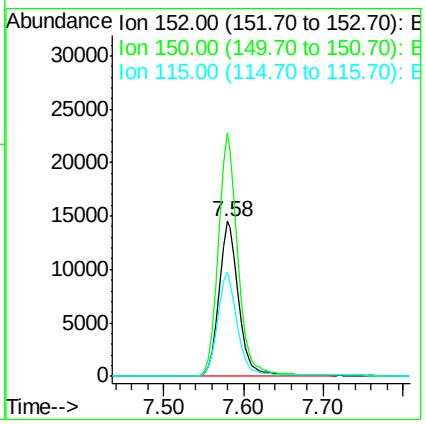


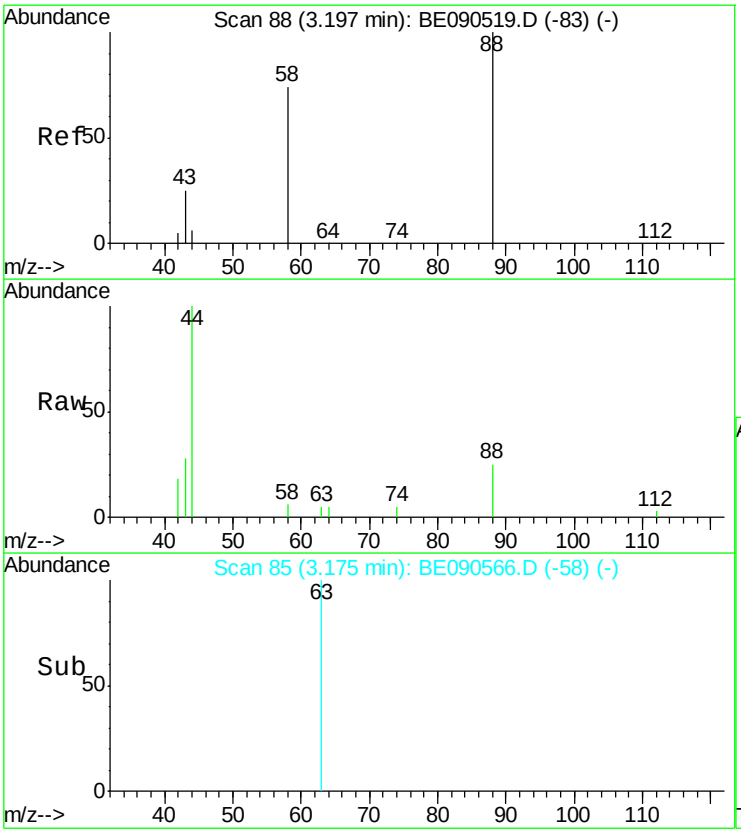
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:152 Resp: 24647

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.4
115	67.5	48.9	73.3

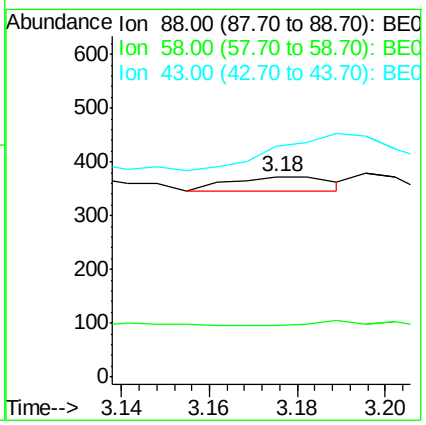


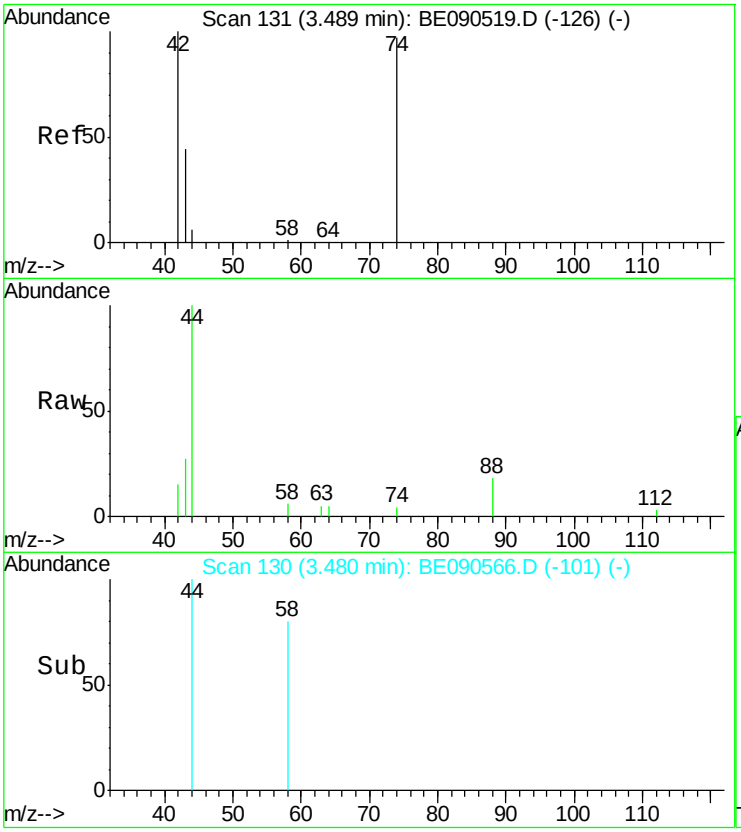


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.18 min Scan# 85
Delta R.T. -0.02 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
58	41.5	70.0	105.0#
43	651.2	28.4	42.6#



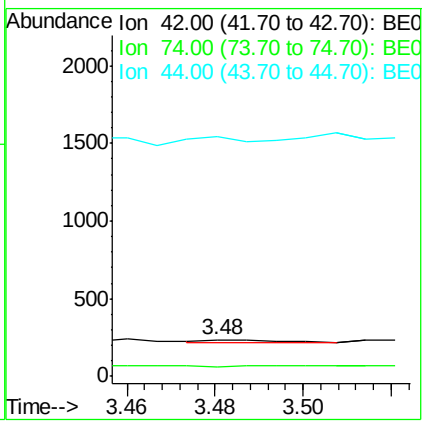


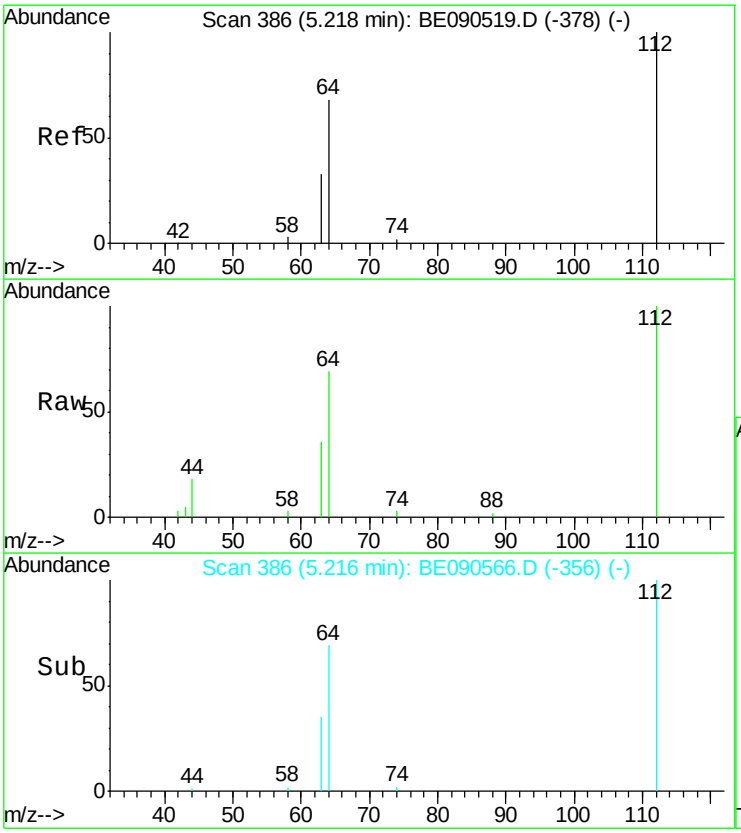
#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	29.2	75.2	112.8#
44	216.7	8.7	13.1#

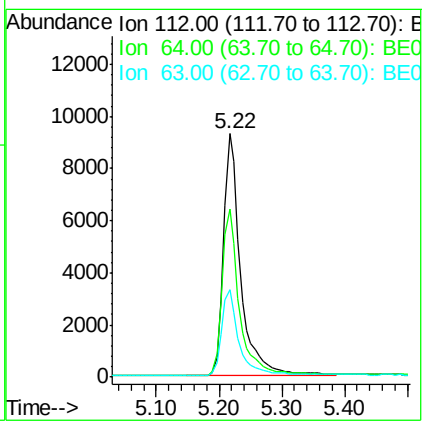


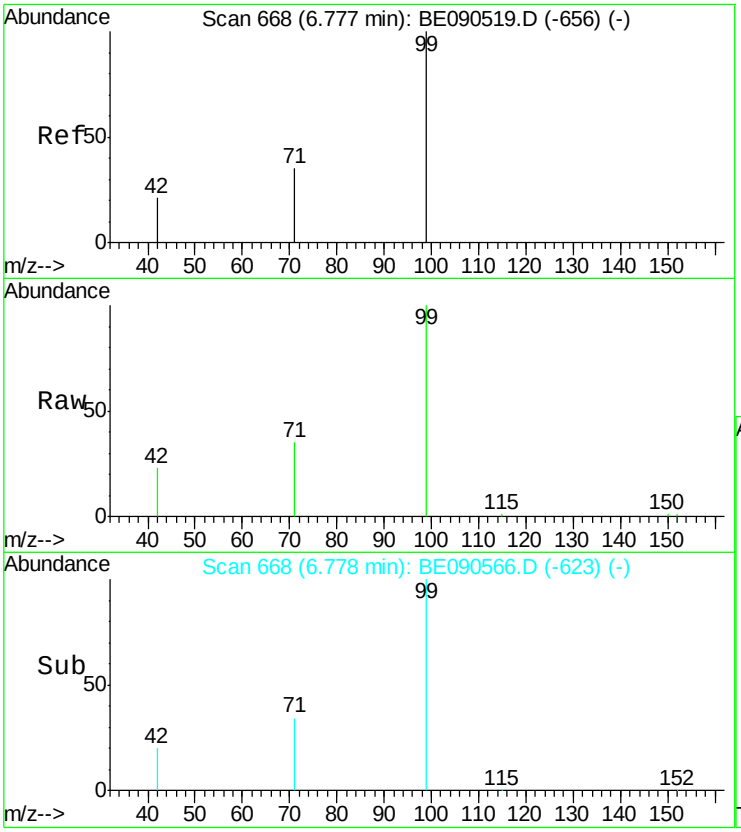


#4
2-Fluorophenol
Concen: 2.50 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:112 Resp: 17814

Ion	Ratio	Lower	Upper
112	100		
64	69.0	37.1	55.7#
63	35.9	19.5	29.3#



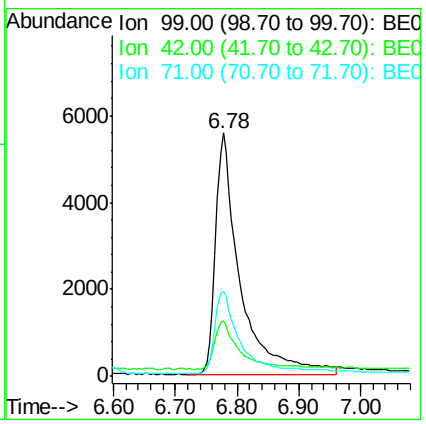


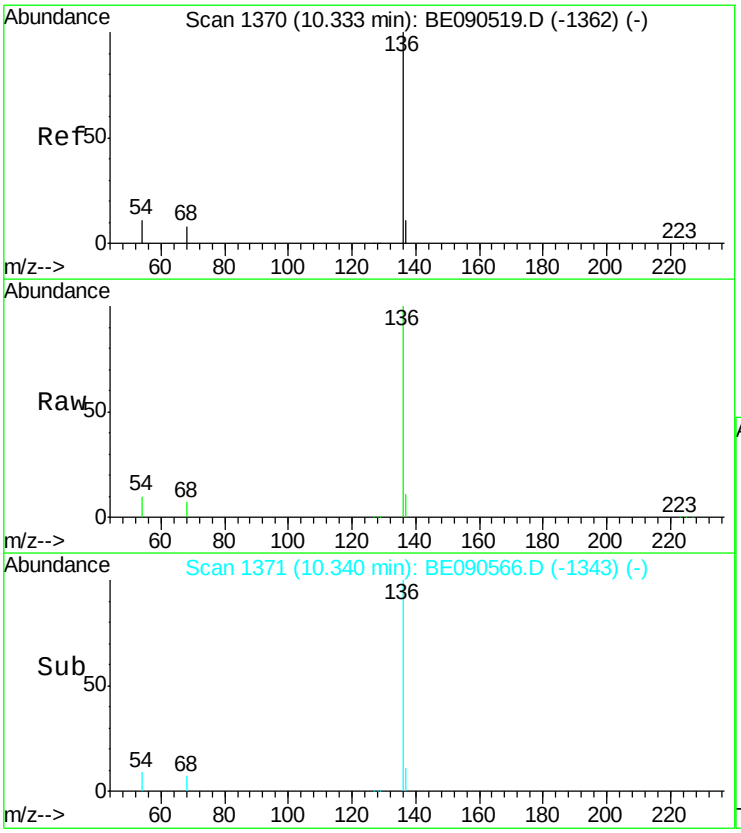
#5
Phenol-d6
Concen: 1.47 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion: 99 Resp: 15409

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.4
71	34.7	27.4	41.0

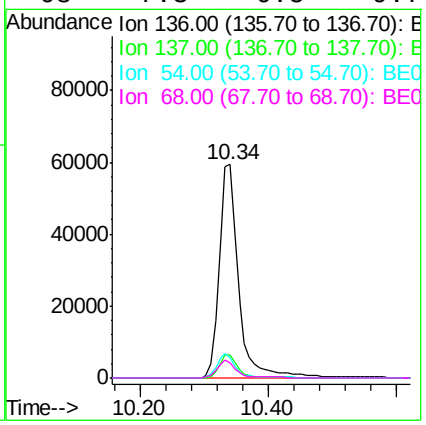


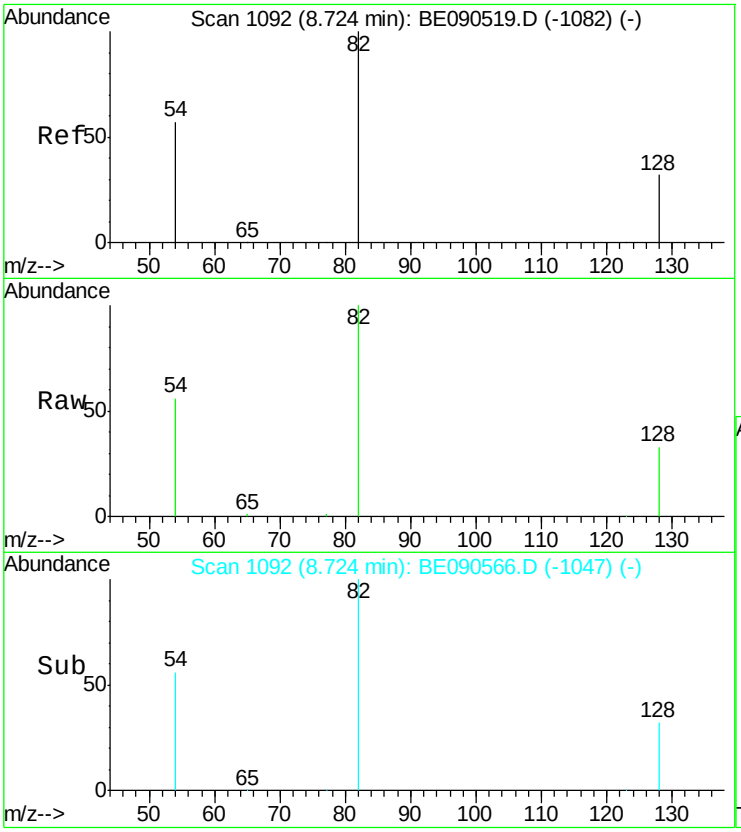


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:136 Resp: 125070

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.5	9.4	14.0
68	7.3	6.5	9.7



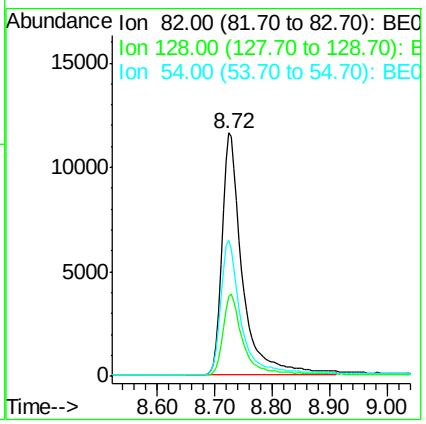


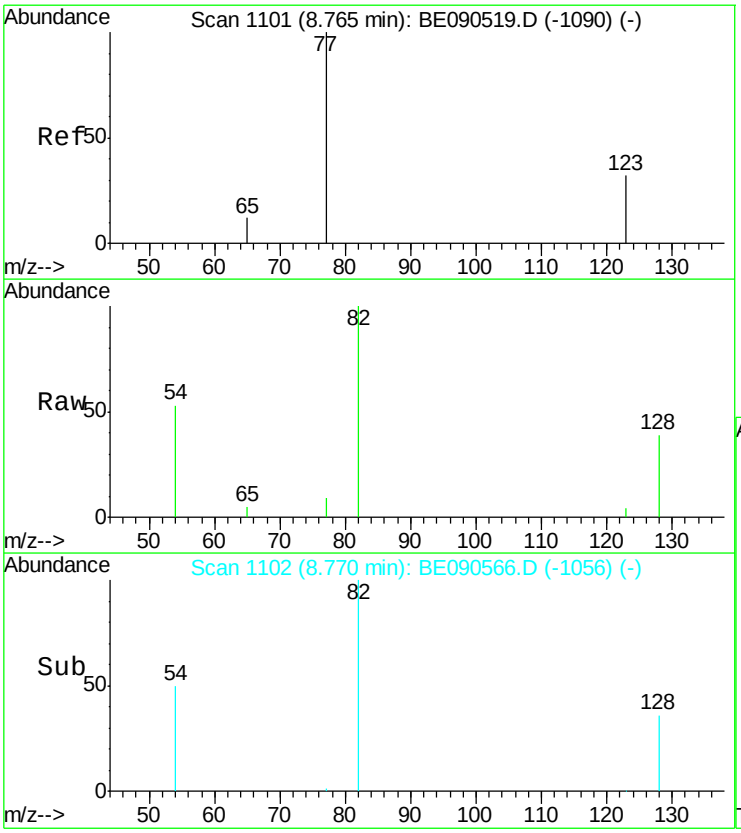
#7
Nitrobenzene-d5
Concen: 2.92 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion: 82 Resp: 29106

Ion	Ratio	Lower	Upper
82	100		
128	32.8	25.0	37.6
54	56.0	48.8	73.2

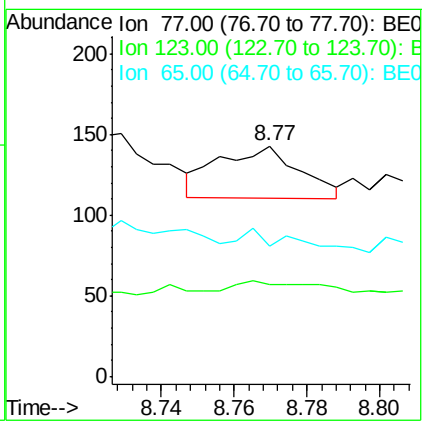


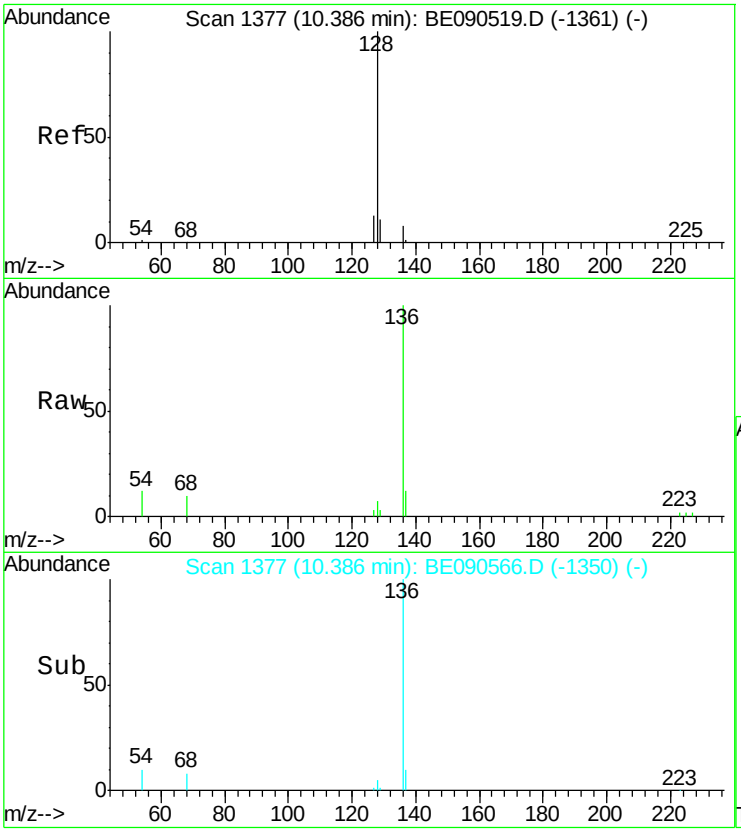


#8
Nitrobenzene
Concen: 0.00 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion: 77 Resp: 50

Ion	Ratio	Lower	Upper
77	100		
123	22.0	25.1	37.7#
65	30.0	9.3	13.9#



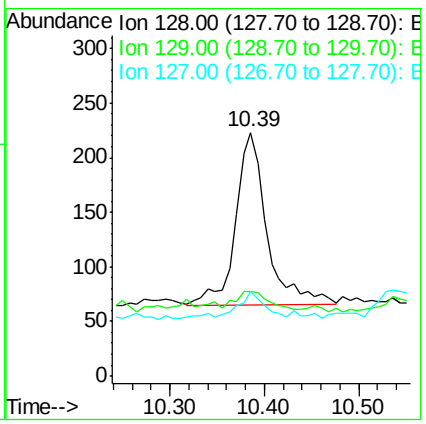


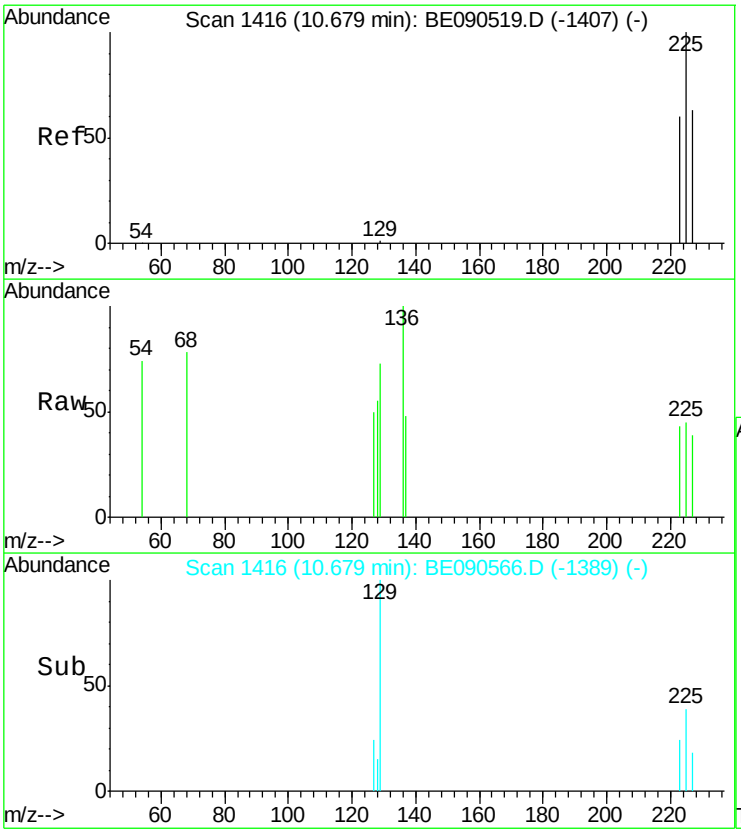
#9
Naphthalene
Concen: 0.01 ng
RT: 10.39 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:128 Resp: 366

Ion	Ratio	Lower	Upper
128	100		
129	34.5	9.8	14.6#
127	34.5	10.6	16.0#

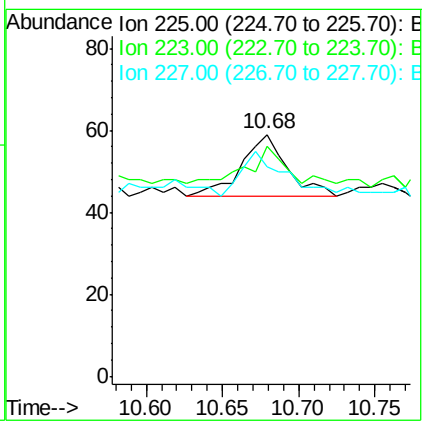


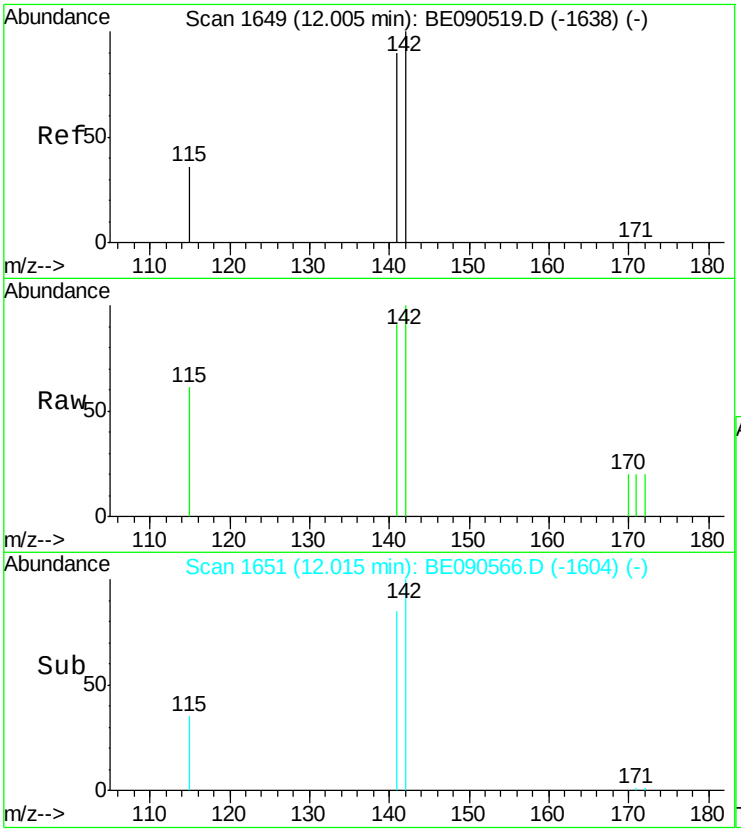


#10
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.68 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:225 Resp: 31

Ion	Ratio	Lower	Upper
225	100		
223	48.4	50.6	75.8#
227	74.2	50.7	76.1



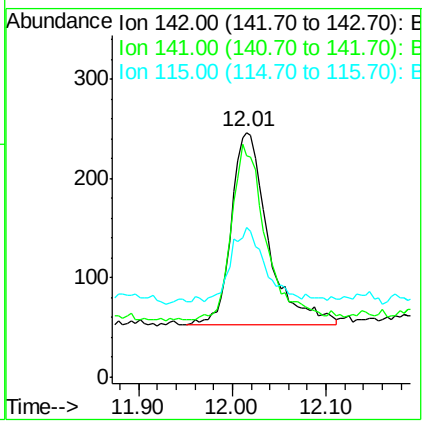


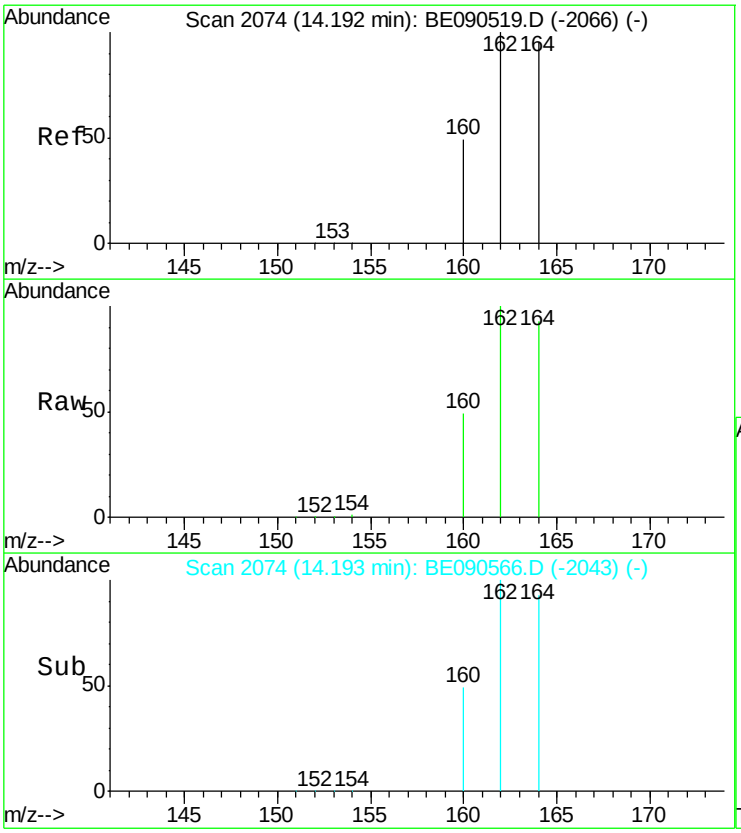
#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.01 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:142 Resp: 524

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	109.0
115	61.0	31.6	47.4#

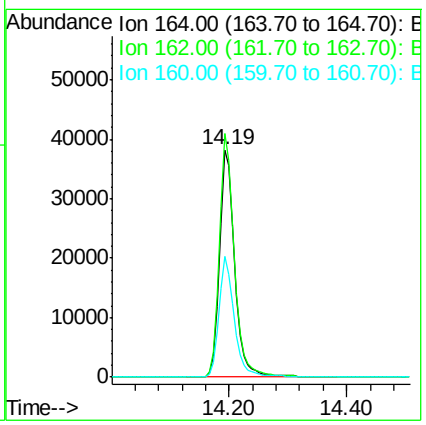


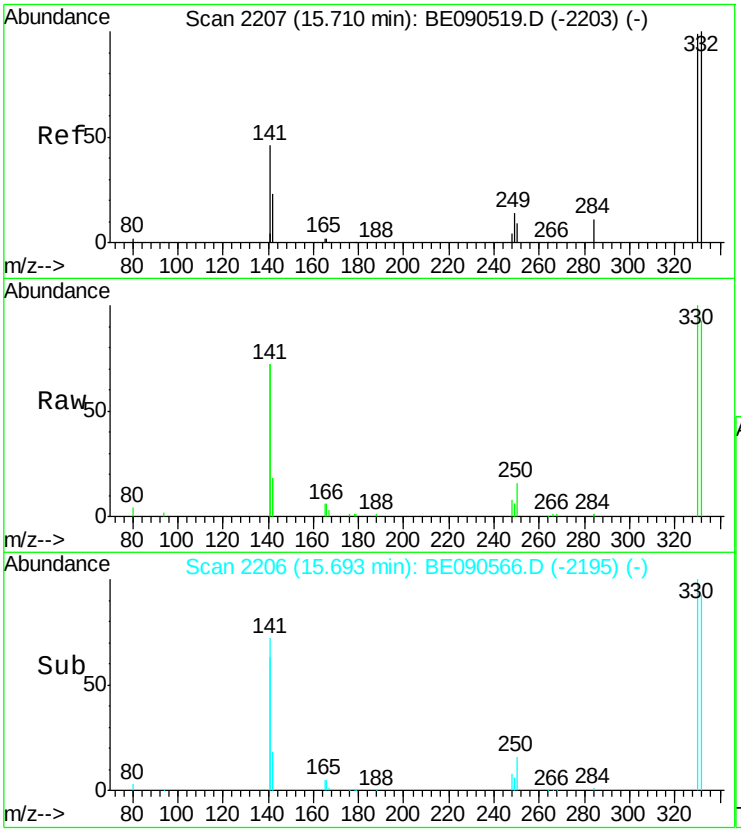


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:164 Resp: 67653

Ion	Ratio	Lower	Upper
164	100		
162	107.1	81.8	122.8
160	52.9	44.2	66.4



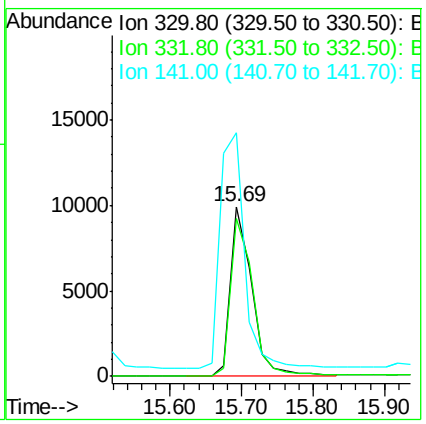


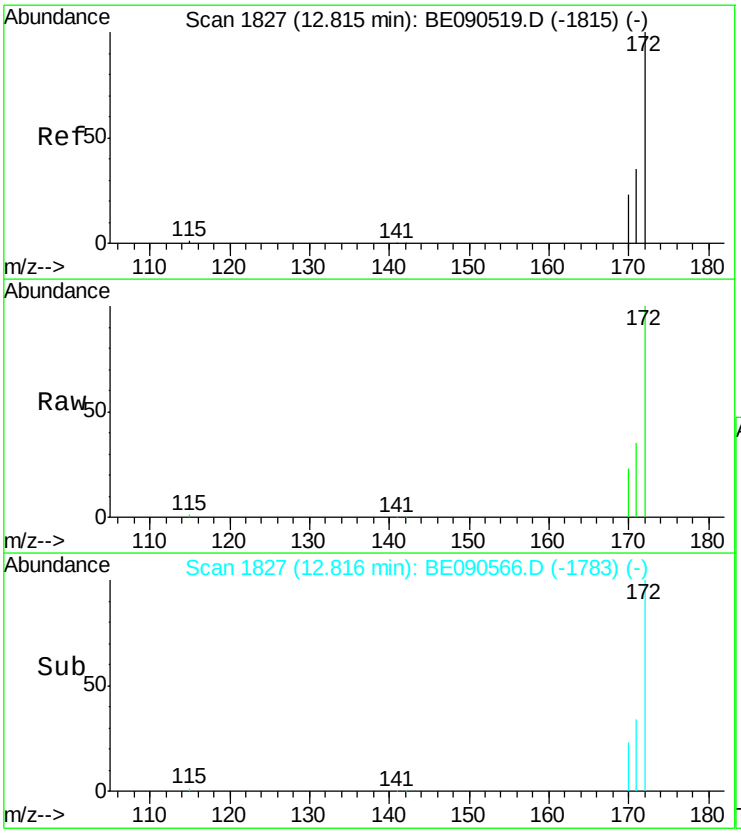
#13
2,4,6-Tribromophenol
Concen: 7.71 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:330 Resp: 20079

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	164.7	114.4	171.6

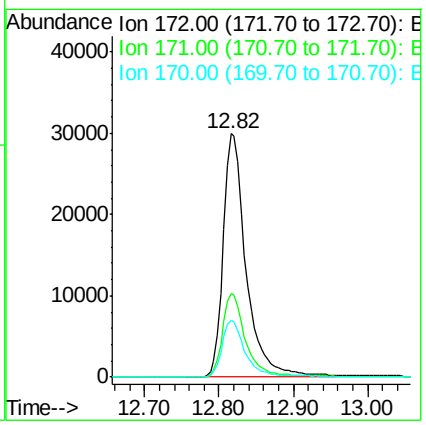


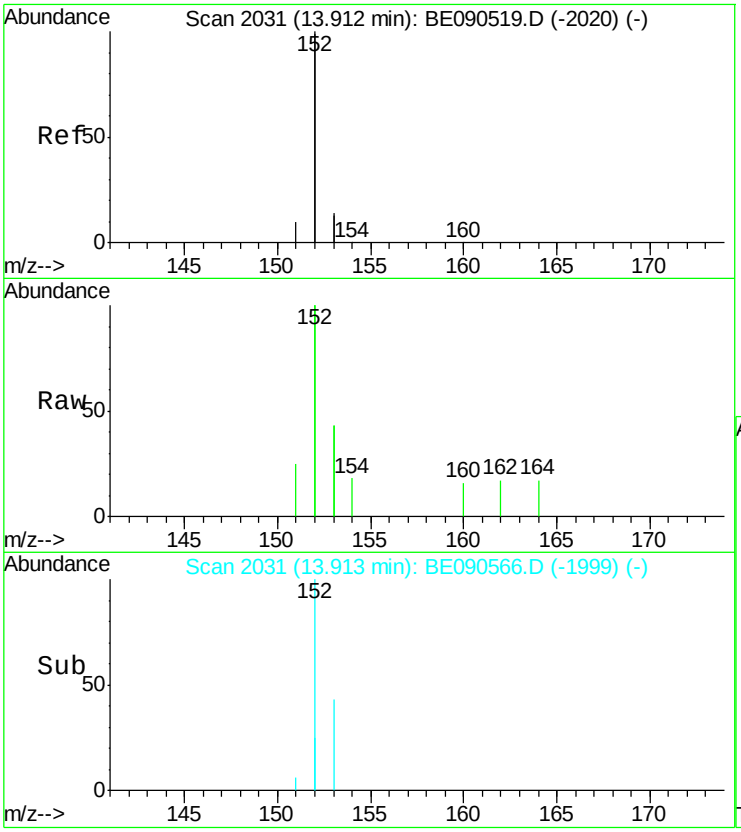


#14
2-Fluorobiphenyl
Concen: 3.13 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:172 Resp: 63260

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.5	19.8	29.8



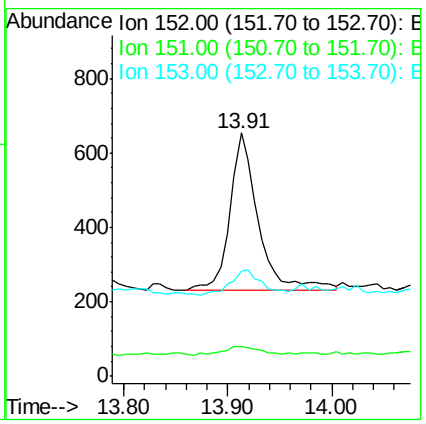


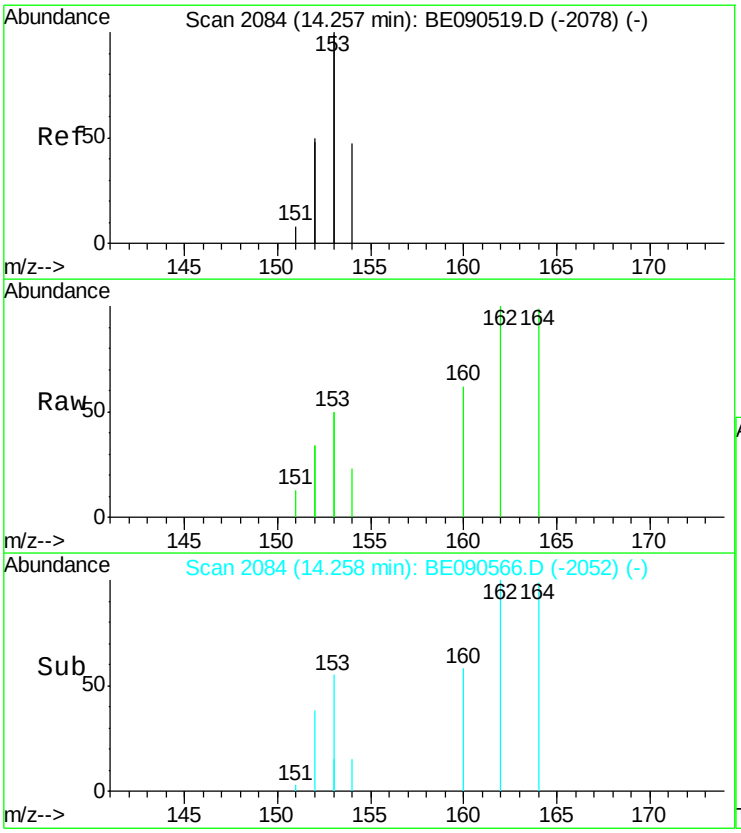
#15
Acenaphthylene
Concen: 0.01 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:152 Resp: 787

Ion	Ratio	Lower	Upper
152	100		
151	6.9	3.8	5.8#
153	18.0	10.3	15.5#

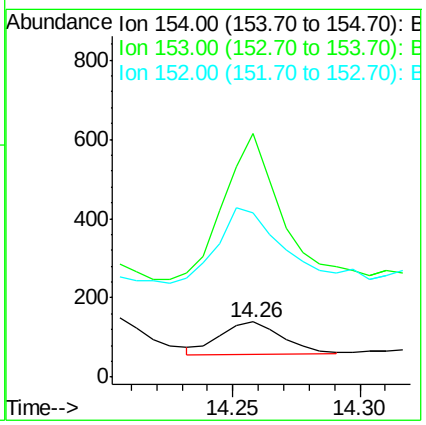


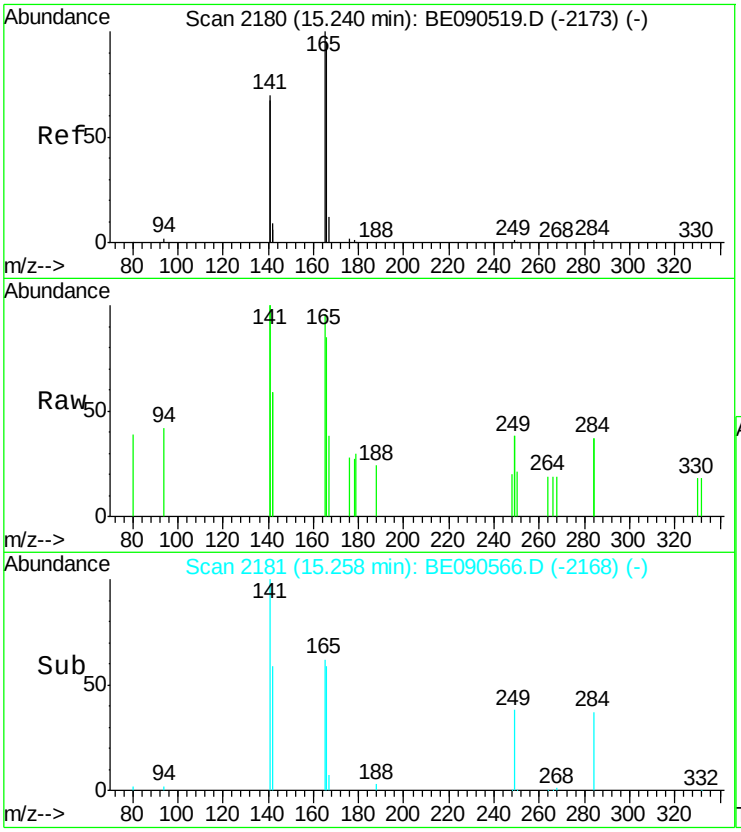


#16
Acenaphthene
Concen: 0.01 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:154 Resp: 142

Ion	Ratio	Lower	Upper
154	100		
153	403.5	376.2	564.2
152	250.7	235.0	352.4



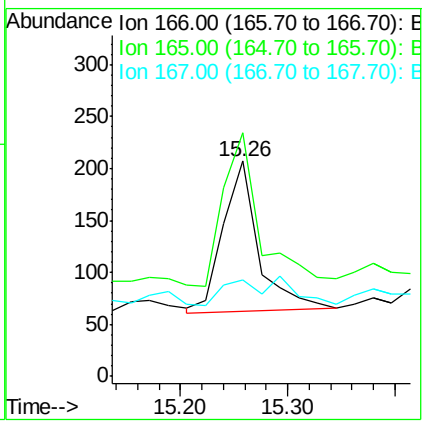


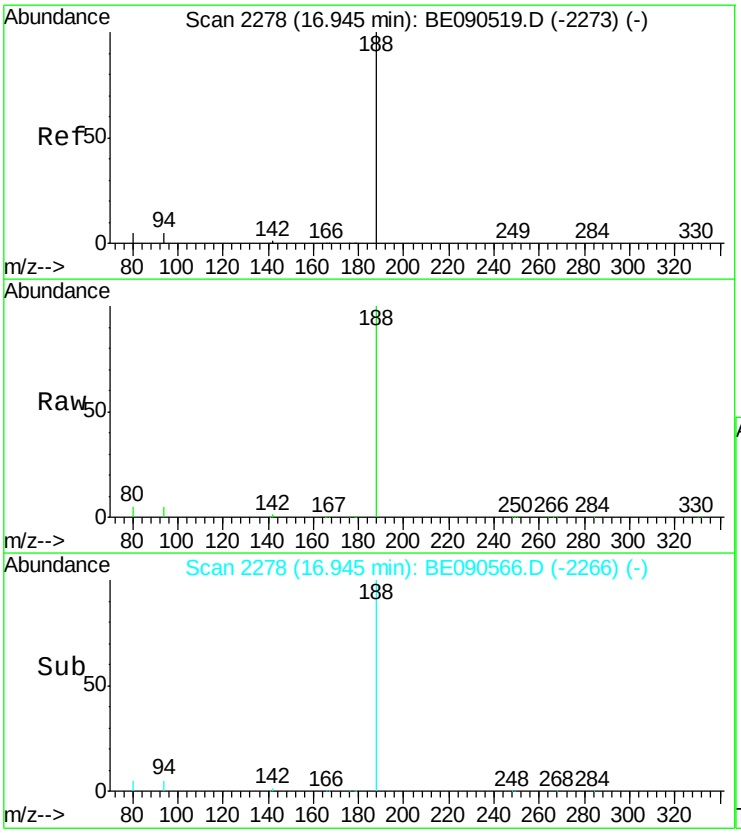
#17
Fluorene
Concen: 0.01 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:166 Resp: 329

Ion	Ratio	Lower	Upper
166	100		
165	111.2	81.5	122.3
167	0.0	11.4	17.0#

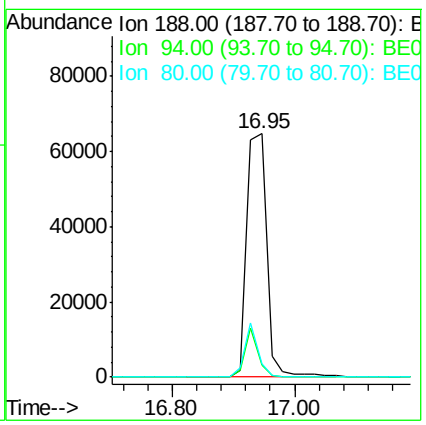


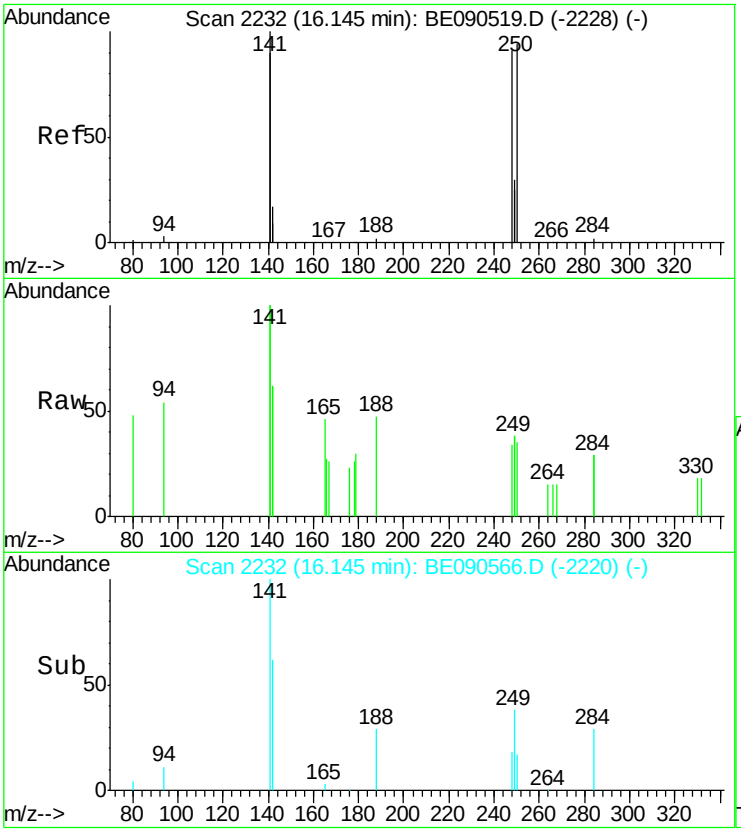


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:188 Resp: 145881

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	5.2	5.8	8.8#



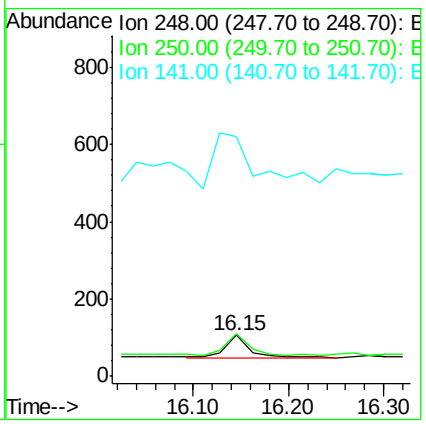


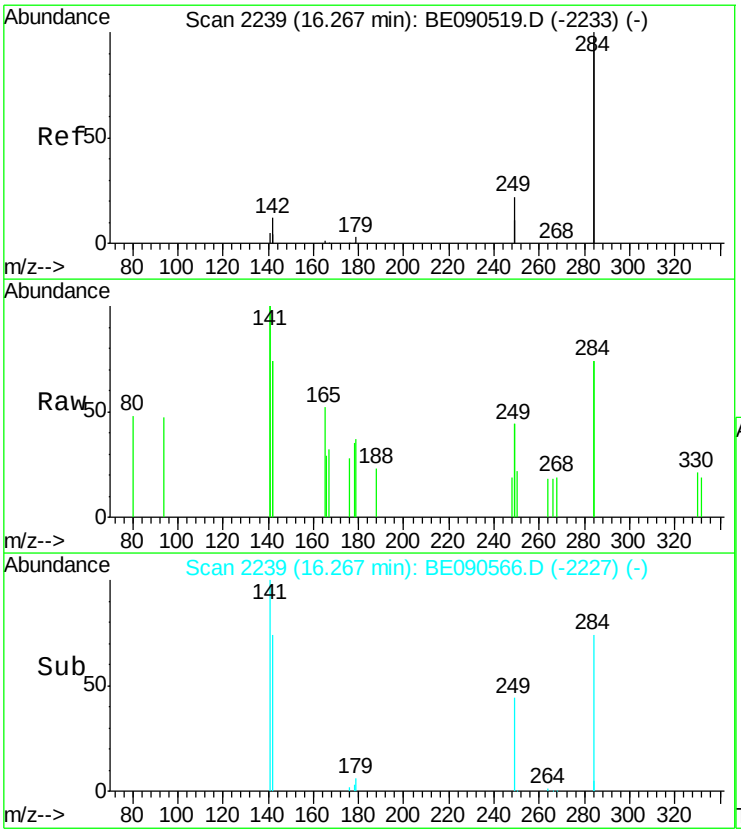
#19
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.15 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:248 Resp: 97

Ion	Ratio	Lower	Upper
248	100		
250	89.7	79.0	118.6
141	477.3	239.5	359.3#

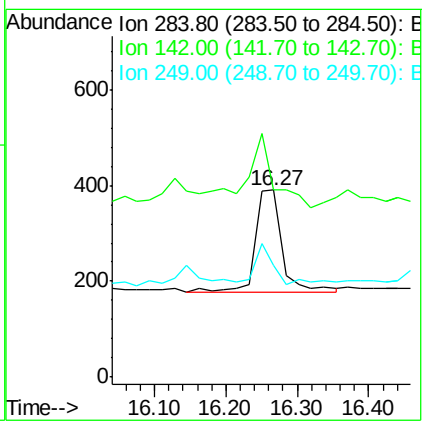


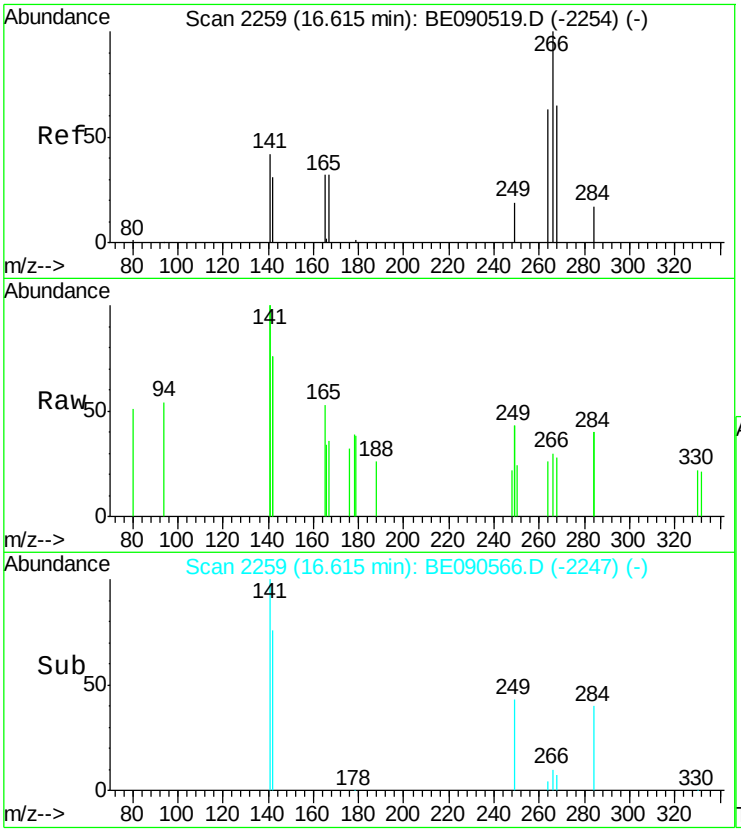


#20
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:284 Resp: 547

Ion	Ratio	Lower	Upper
284	100		
142	73.7	30.1	45.1#
249	25.2	25.7	38.5#



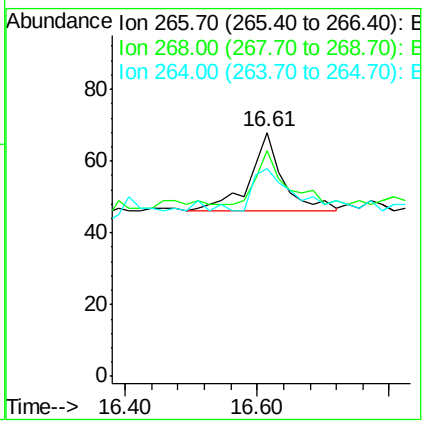


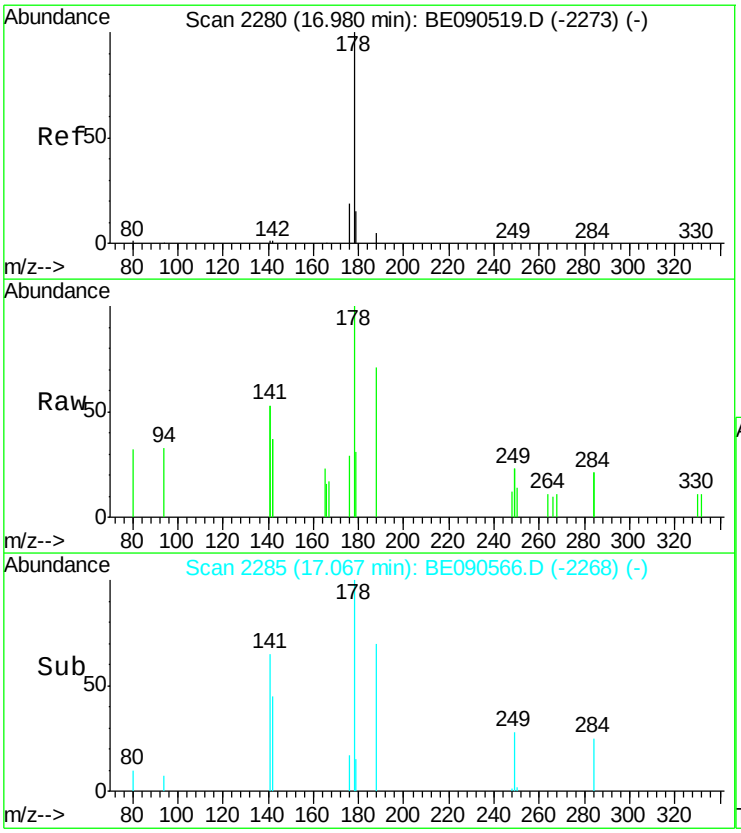
#21
Pentachlorophenol
Concen: 0.32 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:266 Resp: 78

Ion	Ratio	Lower	Upper
266	100		
268	92.6	58.5	87.7#
264	85.3	56.0	84.0#

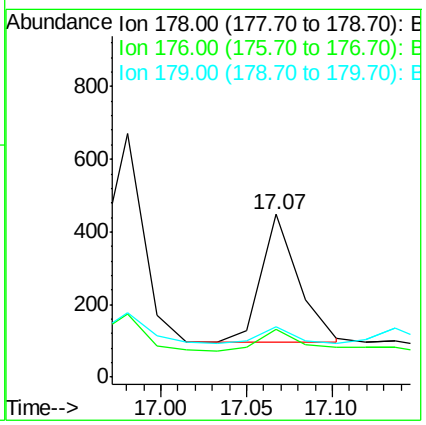


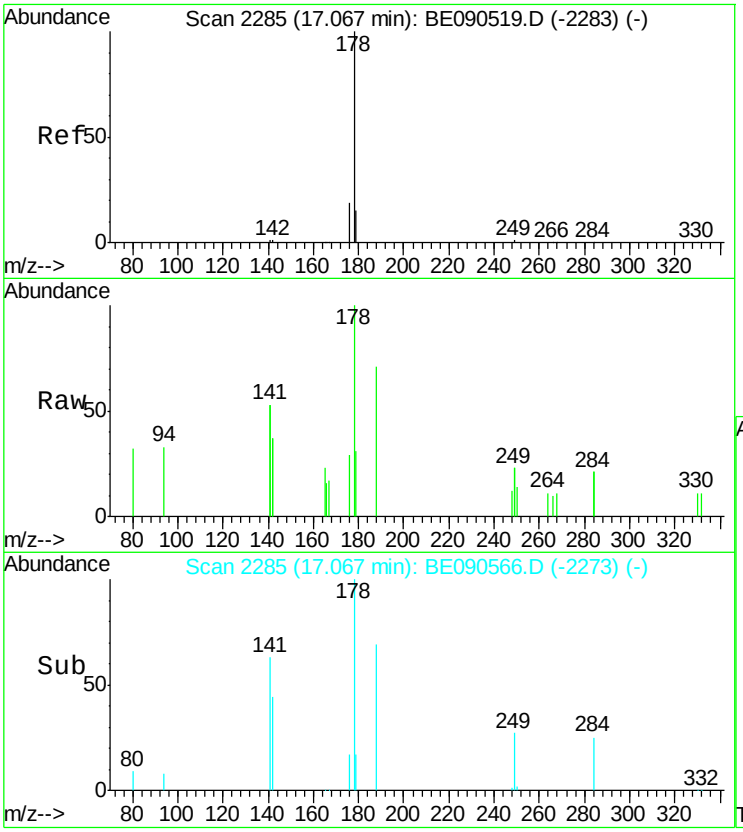


#22
Phenanthrene
Concen: 0.01 ng
RT: 17.07 min Scan# 2285
Delta R.T. 0.09 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:178 Resp: 535

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.0	12.5	18.7



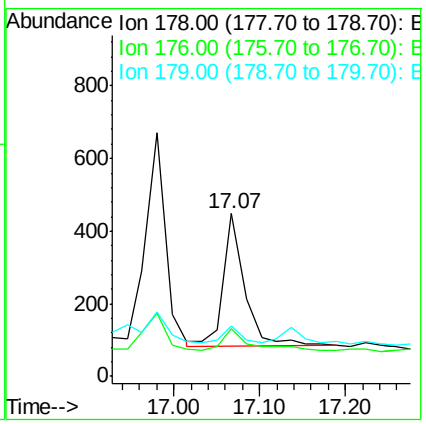


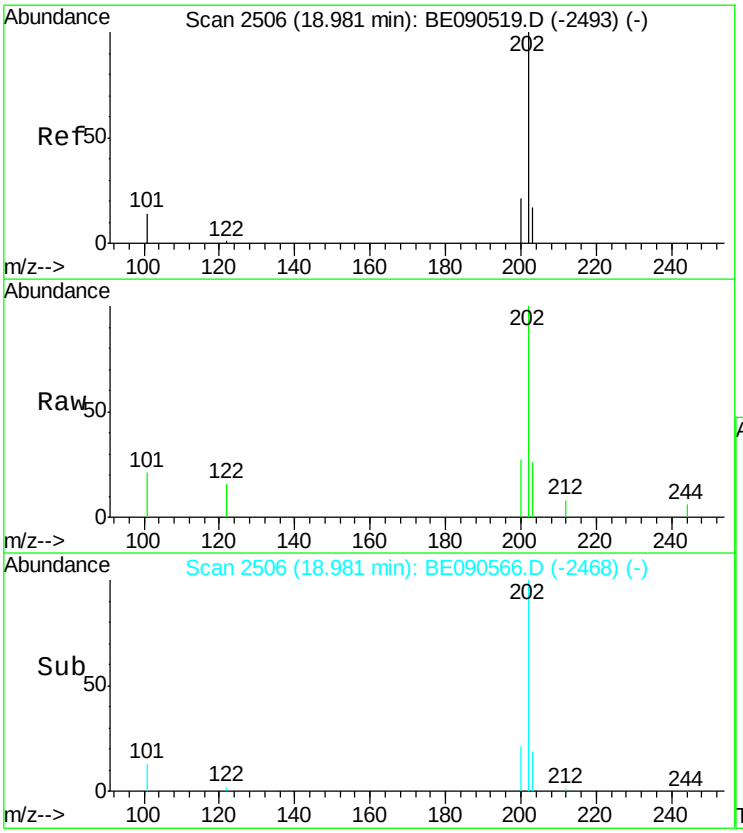
#23
Anthracene
Concen: 0.02 ng
RT: 17.07 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:178 Resp: 635

Ion	Ratio	Lower	Upper
178	100		
176	21.3	14.9	22.3
179	13.4	12.2	18.4

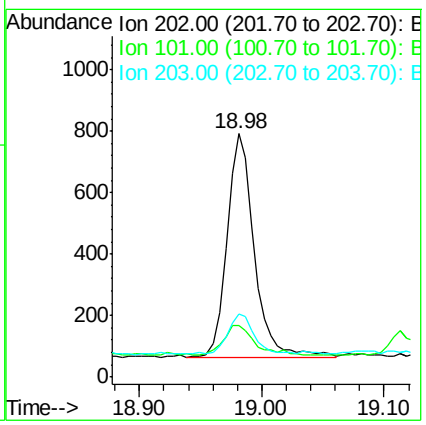


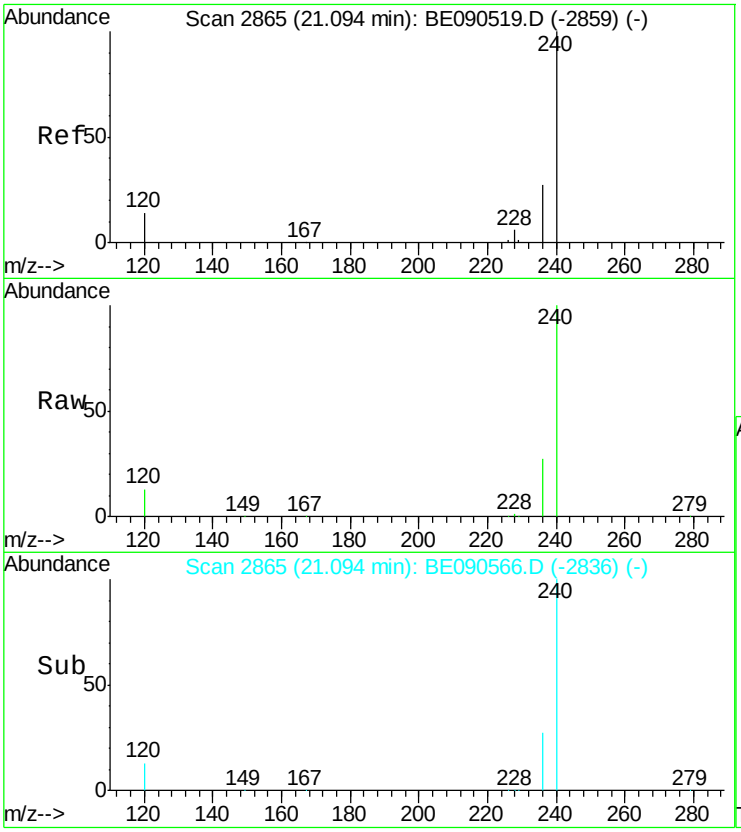


#24
Fluoranthene
Concen: 0.03 ng
RT: 18.98 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:202 Resp: 1142

Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.3	15.5
203	17.2	13.7	20.5



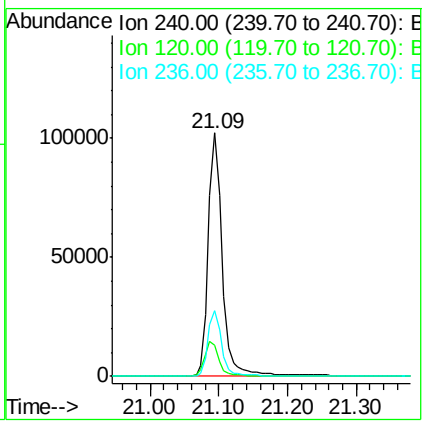


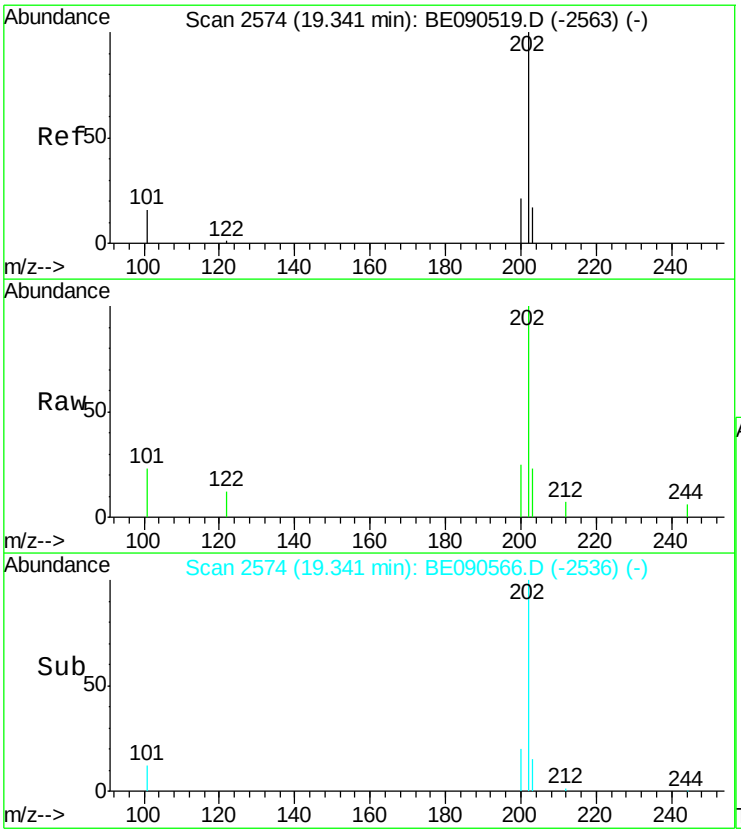
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:240 Resp: 145646

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	26.9	21.0	31.4

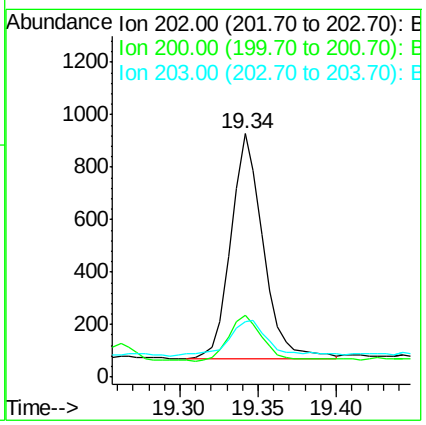


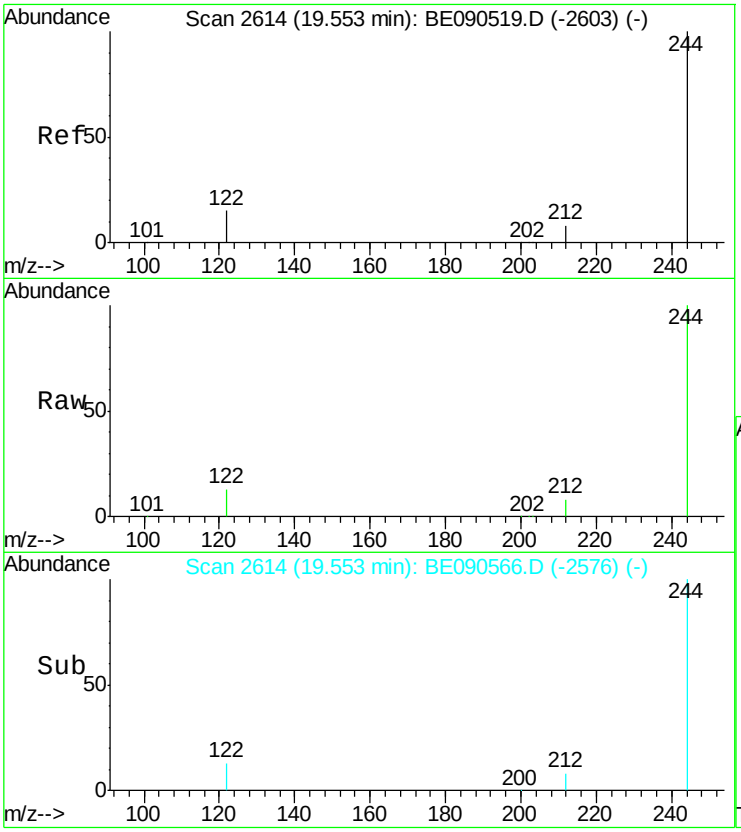


#26
Pyrene
Concen: 0.03 ng
RT: 19.34 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:202 Resp: 1225

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.7	25.1
203	20.9	13.8	20.8#



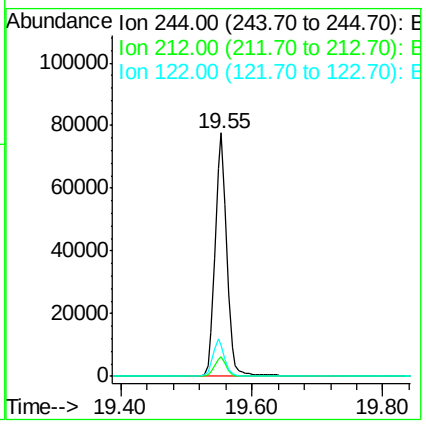


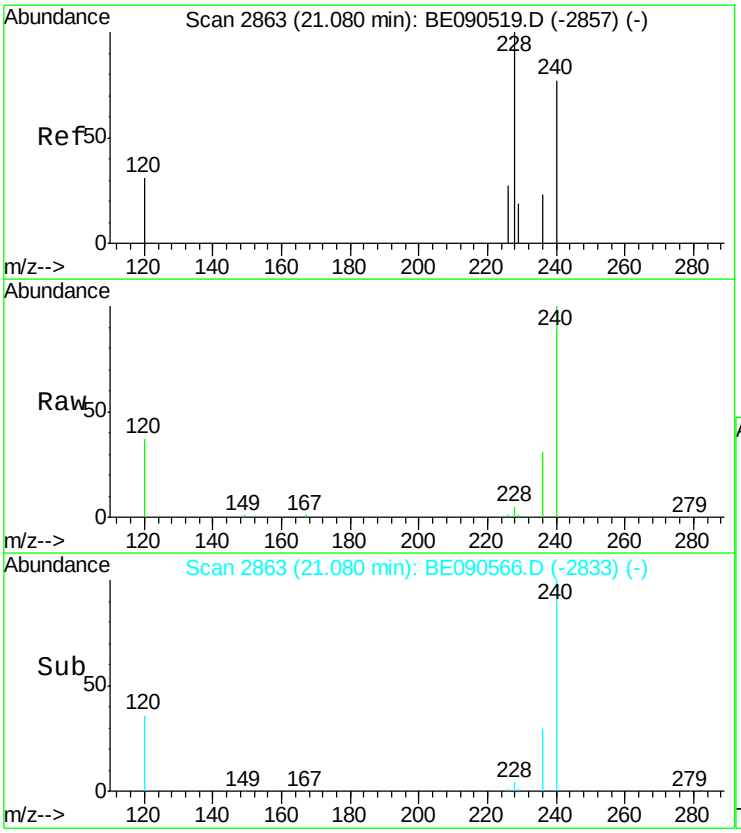
#27
Terphenyl-d14
Concen: 3.63 ng
RT: 19.55 min Scan# 2614
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:244 Resp: 96566

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.7	10.2	15.4

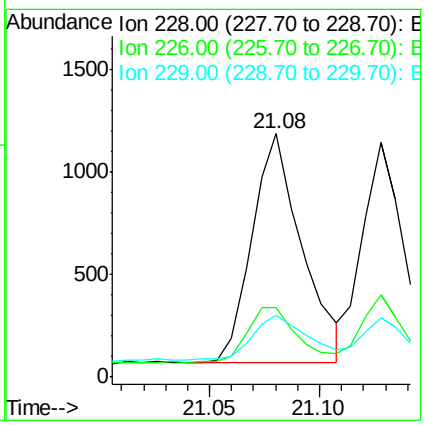


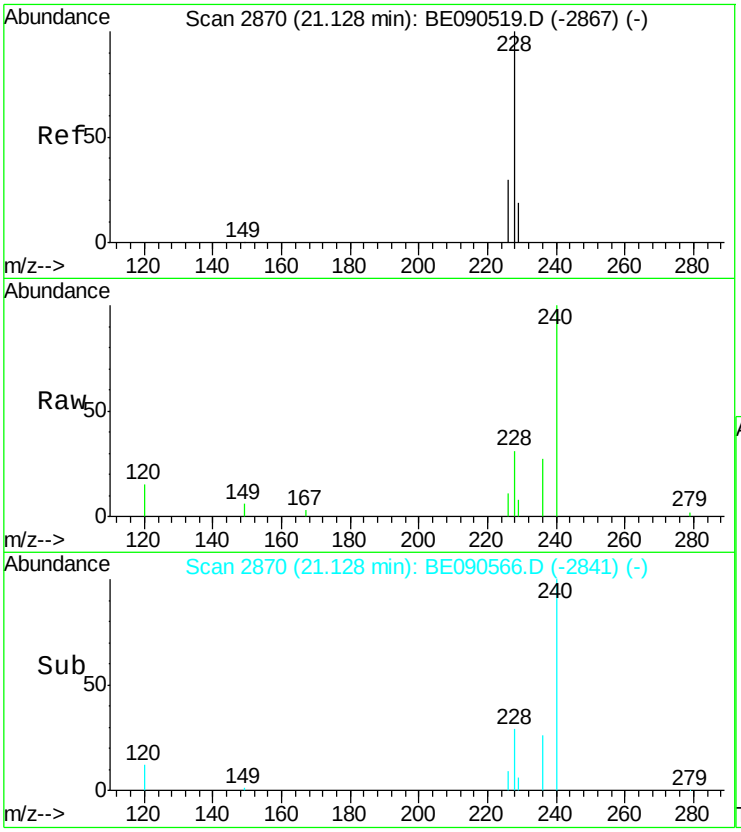


#28
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.08 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:228 Resp: 1769

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.9	32.9
229	25.4	15.4	23.0#



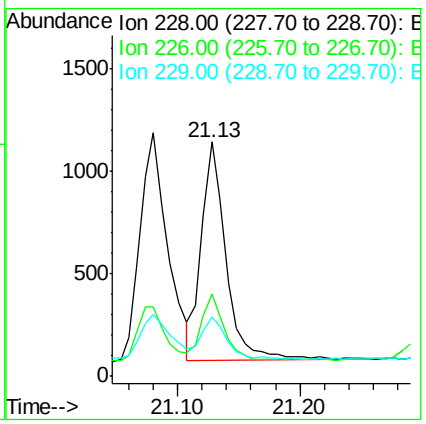


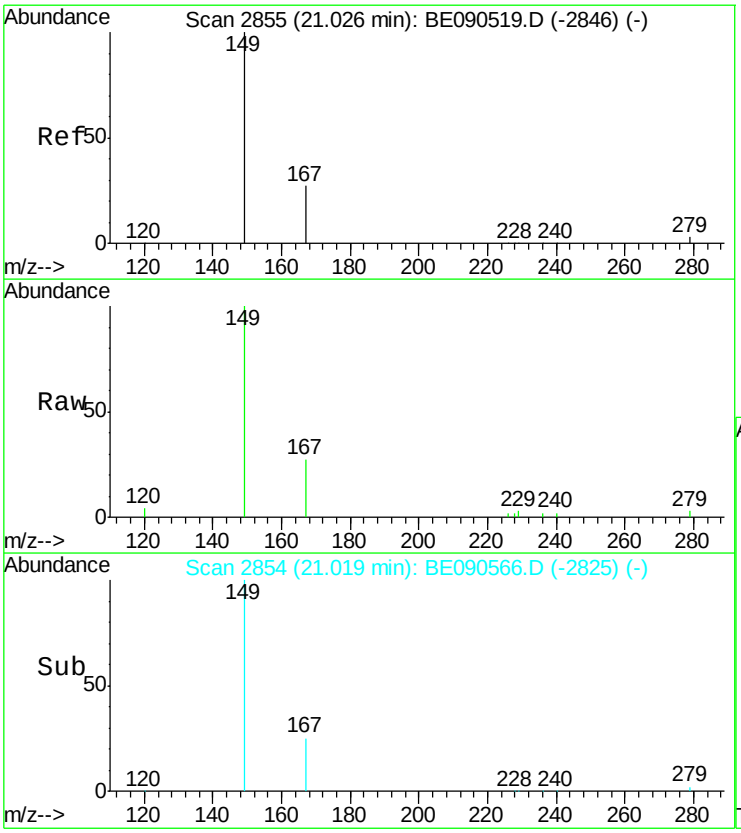
#29
Chrysene
Concen: 0.04 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:228 Resp: 1496

Ion	Ratio	Lower	Upper
228	100		
226	35.1	23.1	34.7#
229	25.1	15.8	23.8#

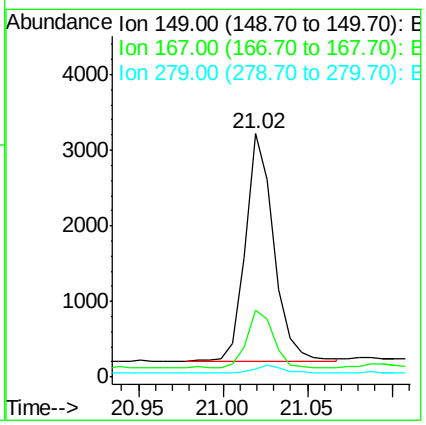


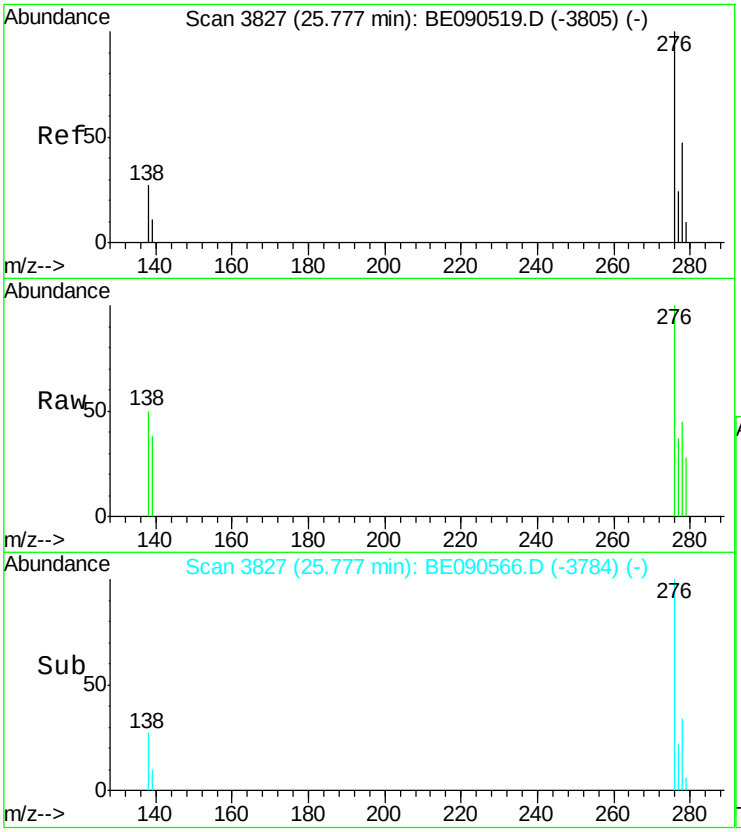


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.02 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:149 Resp: 3479

Ion	Ratio	Lower	Upper
149	100		
167	25.1	19.8	29.8
279	3.1	2.4	3.6



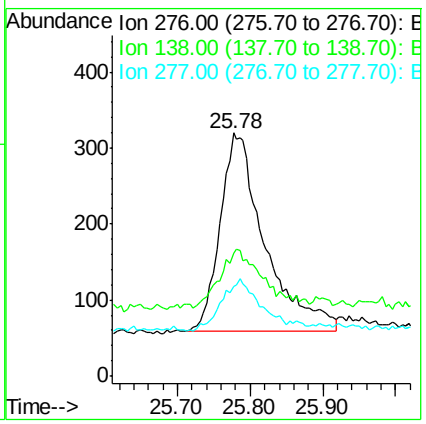


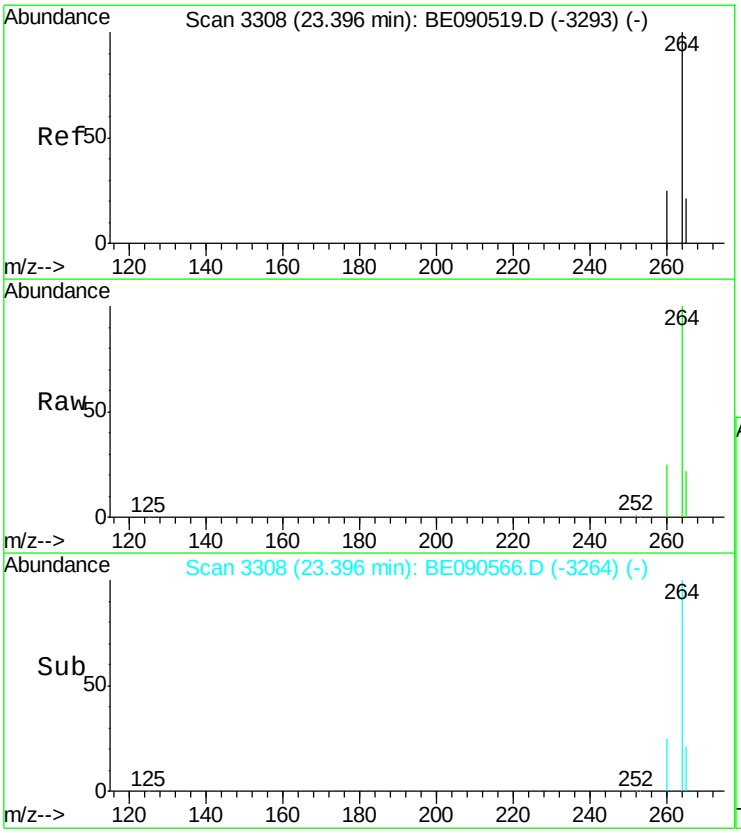
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:276 Resp: 1114

Ion	Ratio	Lower	Upper
276	100		
138	29.4	18.8	28.2#
277	22.7	18.2	27.4

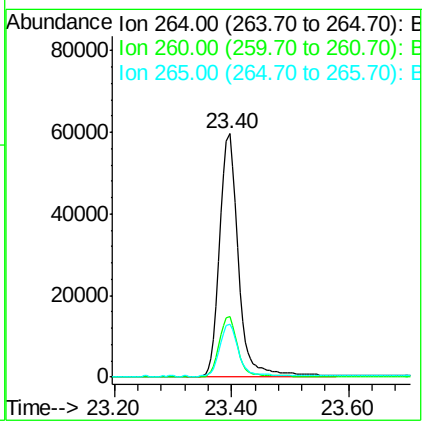


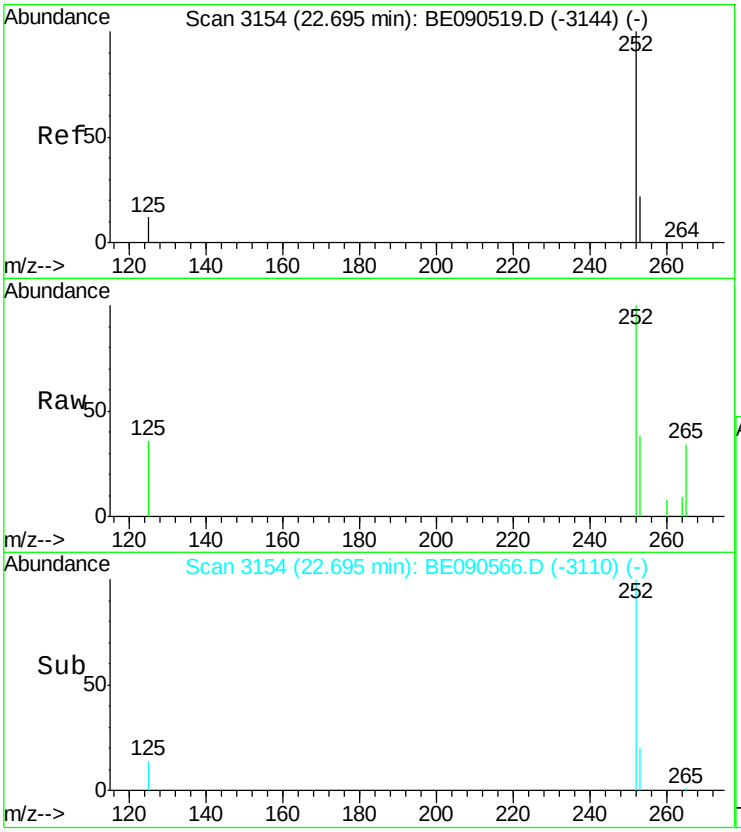


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:264 Resp: 131746

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.9	17.2	25.8



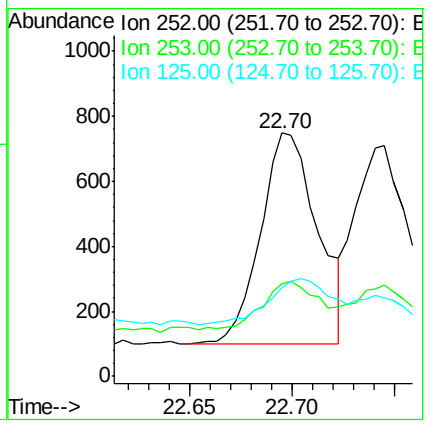


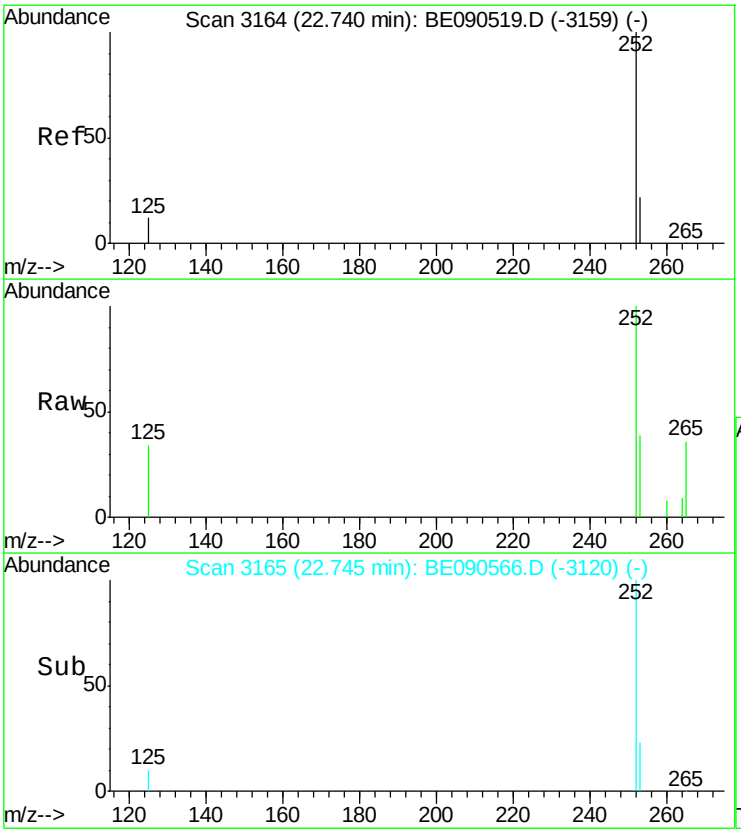
#33
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:252 Resp: 1251

Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.1	27.1#
125	36.4	9.4	14.2#

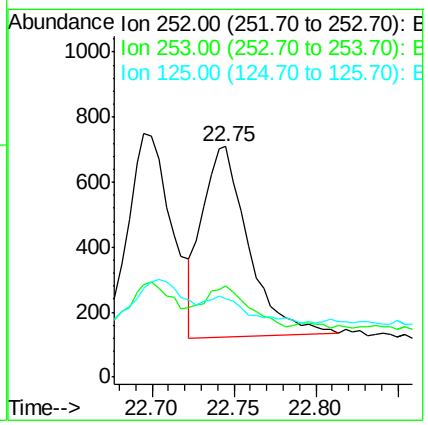


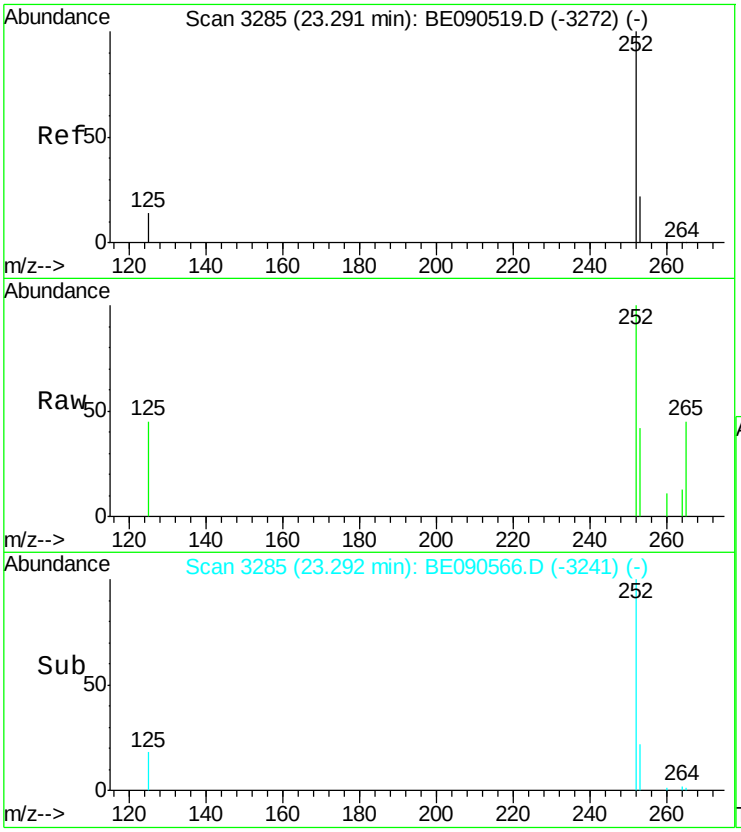


#34
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.75 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:252 Resp: 1151

Ion	Ratio	Lower	Upper
252	100		
253	39.5	18.1	27.1#
125	33.9	9.1	13.7#



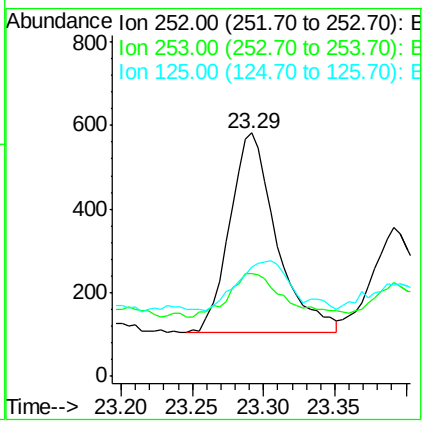


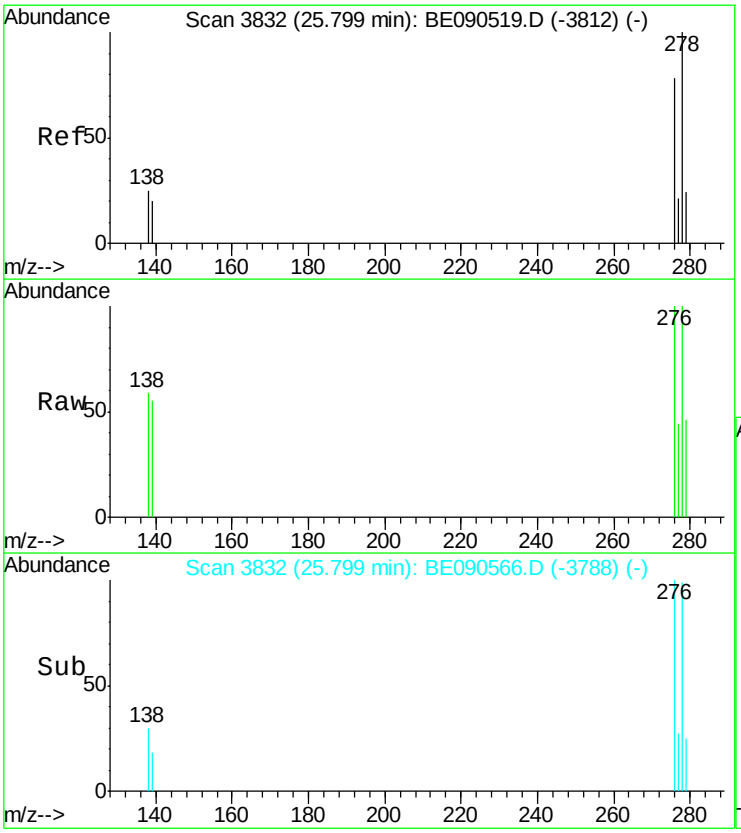
#35
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.29 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:252 Resp: 1089

Ion	Ratio	Lower	Upper
252	100		
253	42.1	17.6	26.4#
125	44.8	9.8	14.6#

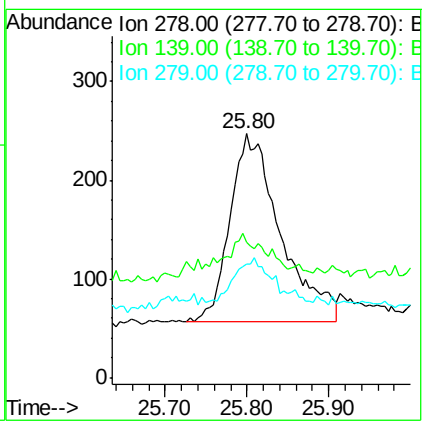


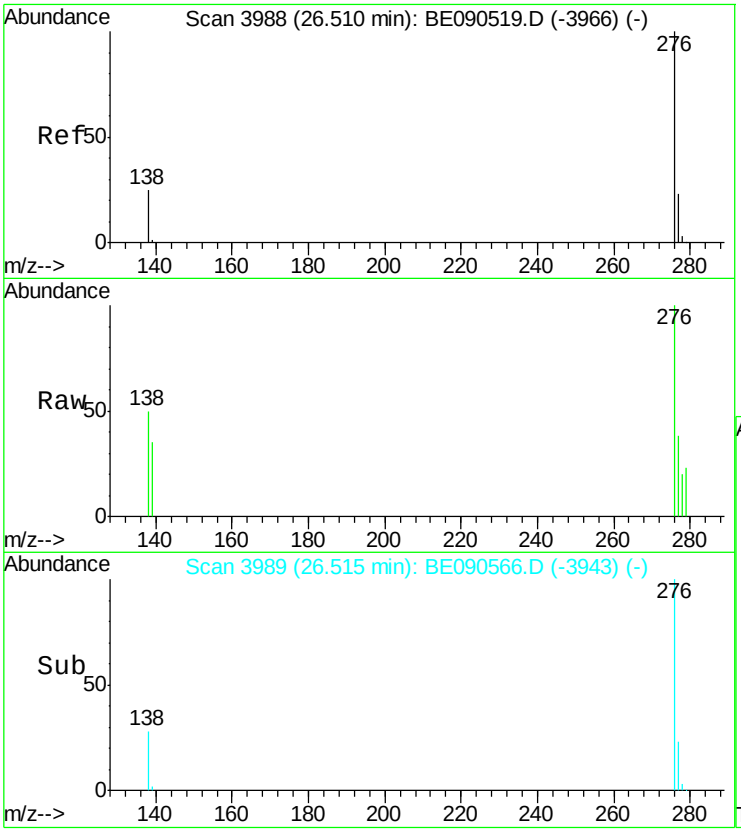


#36
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.00 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

Tgt Ion:278 Resp: 824

Ion	Ratio	Lower	Upper
278	100		
139	55.5	14.2	21.4#
279	46.6	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.51 min Scan# 3989
Delta R.T. 0.01 min
Lab File: BE090566.D
Acq: 18 Aug 2015 22:32

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

Tgt Ion:276 Resp: 1043

Ion	Ratio	Lower	Upper
276	100		
277	38.0	20.1	30.1#
138	50.5	18.1	27.1#