Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090908.D
Acq On : 19 Sep 2015 12:19
Operator : UM/IZ
Sample : G3723-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091615-D534-F-D-S

Quant Time: Sep 21 02:35:29 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	30403	5.00	ng		0.00
7) Naphthalene-d8	10.30	136	128061	5.00	ng		0.00
13) Acenaphthene-d10	14.16	164	68205	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	161520	5.00	ng		0.00
26) Chrysene-d12	21.07	240	207459	5.00	ng		0.00
33) Perylene-d12	23.35	264	194965	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	26254	3.83	ng		0.00
5) Phenol-d6	6.75	99	19134	2.02	ng		0.00
8) Nitrobenzene-d5	8.71	82	38504	4.36	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	21485	8.92	ng		-0.02
15) 2-Fluorobiphenyl	12.80	172	81728	4.23	ng		0.00
28) Terphenyl-d14	19.52	244	144260	6.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	68	Below Cal		#	1
3) n-Nitrosodimethylamine	3.44	42	70	Below Cal		#	25
6) bis(2-Chloroethyl)ether	7.00	93	8	Below Cal		#	1
9) Nitrobenzene	8.70	77	41	0.00	ng	#	11
10) Naphthalene	10.36	128	91	Below Cal		#	1
11) Hexachlorobutadiene	10.64	225	8	Below Cal		#	58
12) 2-Methylnaphthalene	12.00	142	43	0.00	ng	#	52
16) Acenaphthylene	13.89	152	188	0.00	ng	#	67
17) Acenaphthene	14.23	154	64	0.00	ng	#	53
18) Fluorene	15.22	166	127	Below Cal		#	36
20) 4-Bromophenyl-phenylether	16.18	248	14	0.00	ng	#	1
21) Hexachlorobenzene	16.23	284	125	Below Cal		#	30
22) Pentachlorophenol	16.60	266	33	0.19	ng	#	61
23) Phenanthrene	16.94	178	524	Below Cal		#	83
24) Anthracene	17.05	178	158	0.00	ng	#	60
25) Fluoranthene	18.96	202	481	0.01	ng	#	92
27) Pyrene	19.32	202	507	0.01	ng	#	91
29) Benzo(a)anthracene	21.07	228	912	0.02	ng	#	80
30) Chrysene	21.10	228	490	Below Cal		#	64
31) Bis(2-ethylhexyl)phthalate	21.00	149	1241	0.22	ng	#	98
32) Indeno(1,2,3-cd)pyrene	25.74	276	172	0.00	ng	#	50
34) Benzo(b)fluoranthene	22.66	252	359	0.01	ng	#	1
35) Benzo(k)fluoranthene	22.71	252	253	0.00	ng	#	1
36) Benzo(a)pyrene	23.25	252	239	0.01	ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	83	0.00	ng	#	1
38) Benzo(g,h,i)perylene	26.46	276	186	0.00	ng	#	1

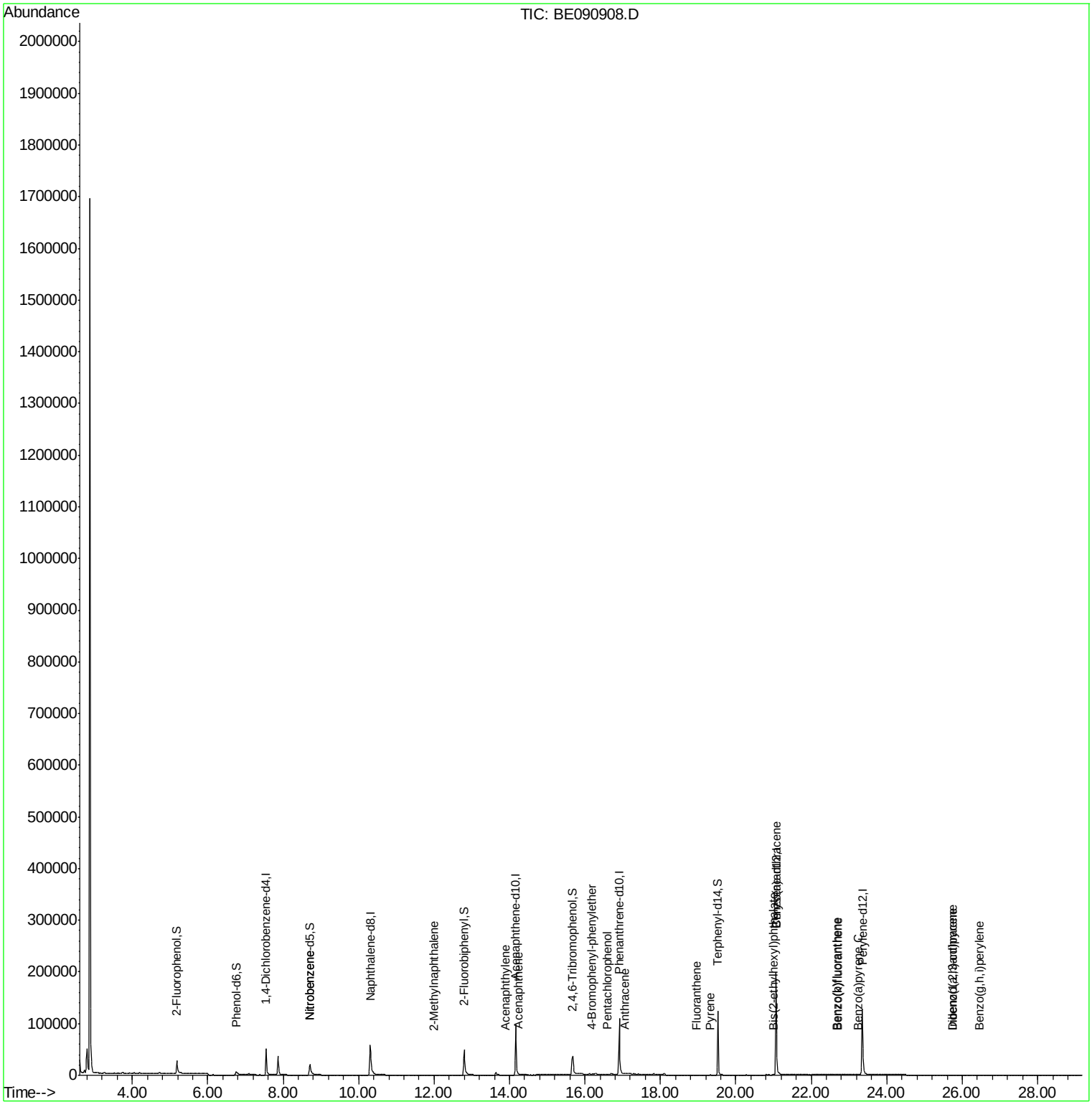
(#) = qualifier out of range (m) = manual integration (+) = signals summed

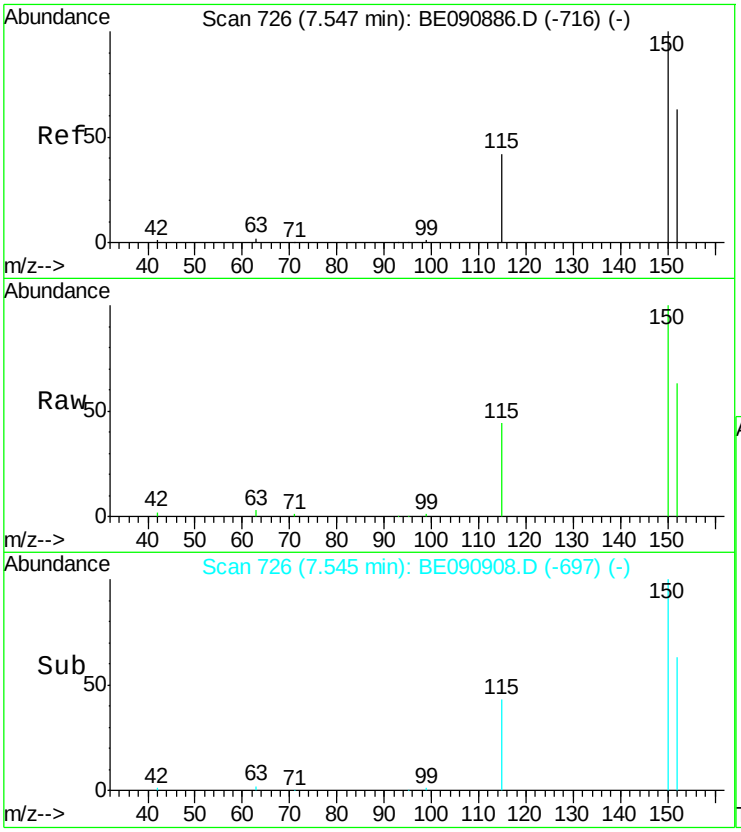
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090908.D
Acq On : 19 Sep 2015 12:19
Operator : UM/IZ
Sample : G3723-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Quant Time: Sep 21 02:35:29 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



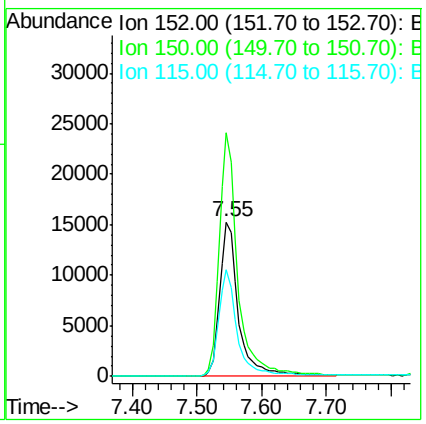


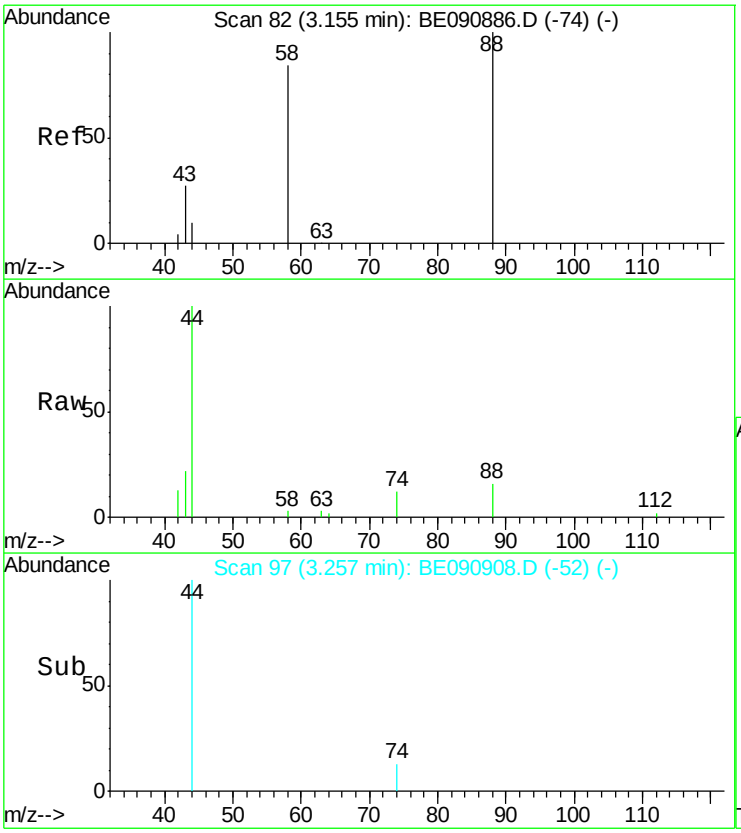
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:152 Resp: 30403

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.2	183.4
115	68.9	51.0	76.4

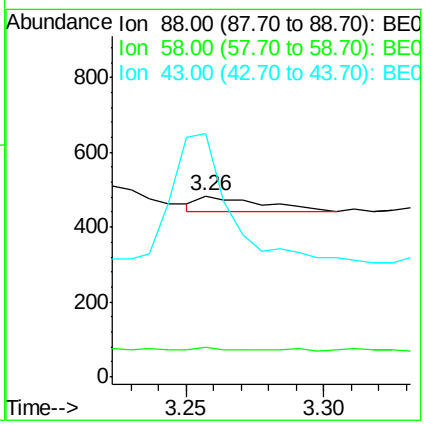


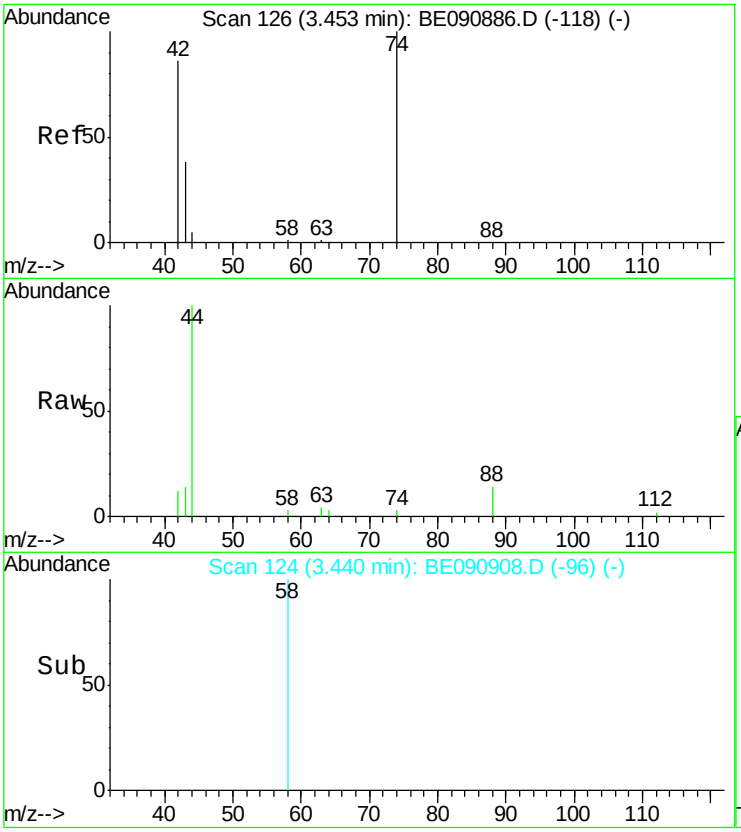


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 97
Delta R.T. 0.10 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
58	7.4	68.4	102.6#
43	760.3	26.9	40.3#



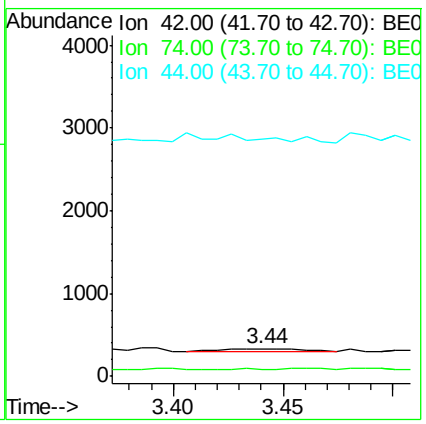


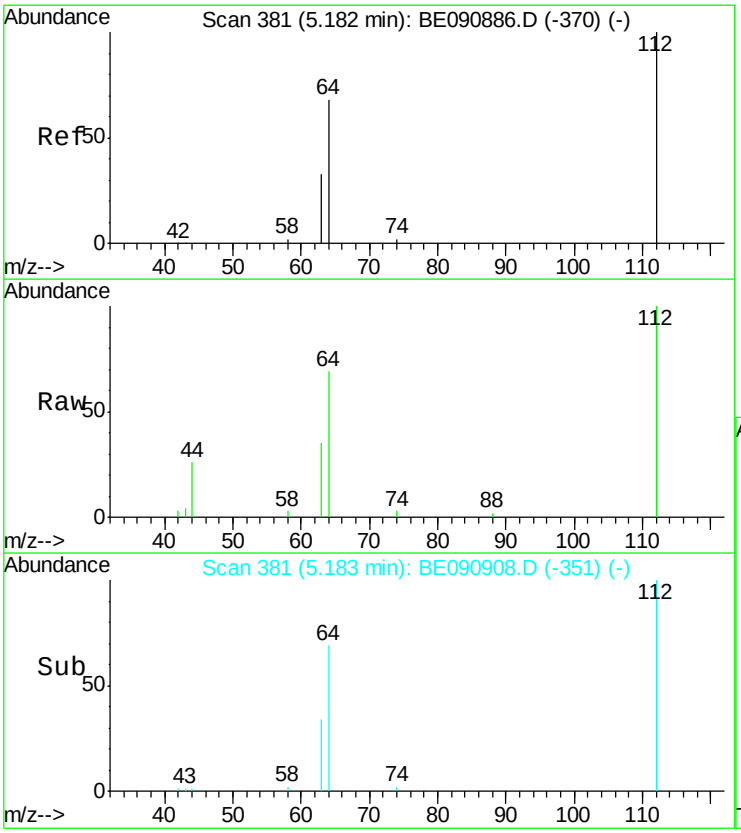
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion: 42 Resp: 70

Ion	Ratio	Lower	Upper
42	100		
74	22.9	83.7	125.5#
44	0.0	10.0	15.0#

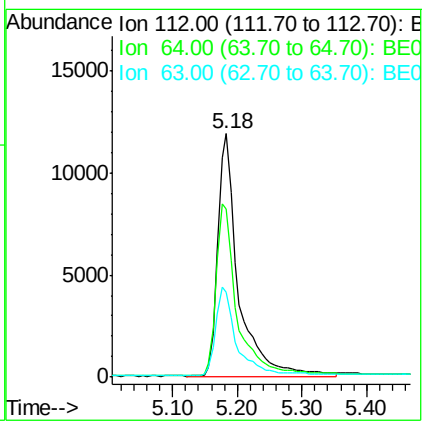


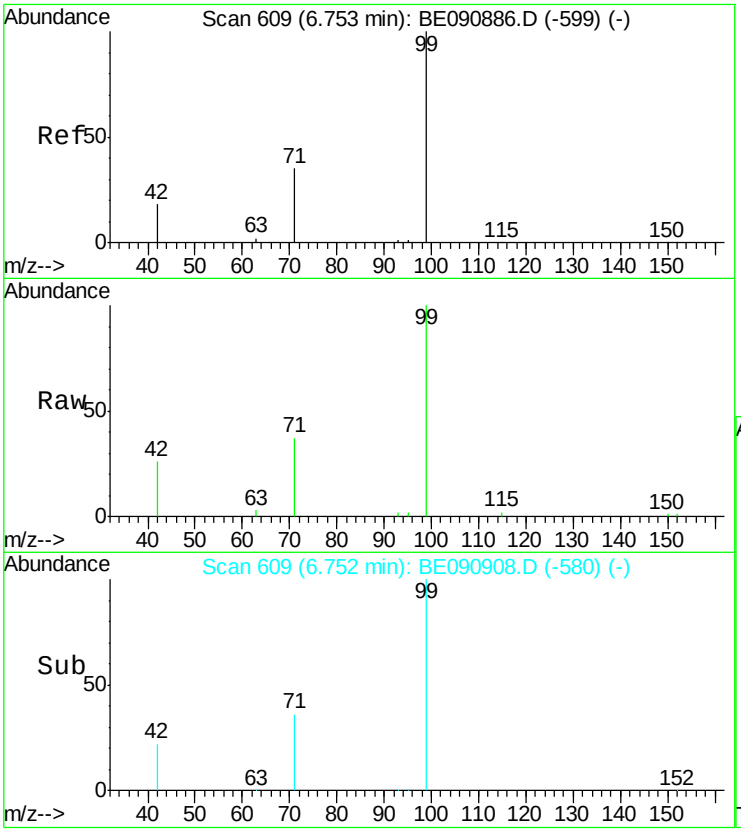


#4
2-Fluorophenol
Concen: 3.83 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:112 Resp: 26254

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.3	85.9
63	36.6	29.2	43.8



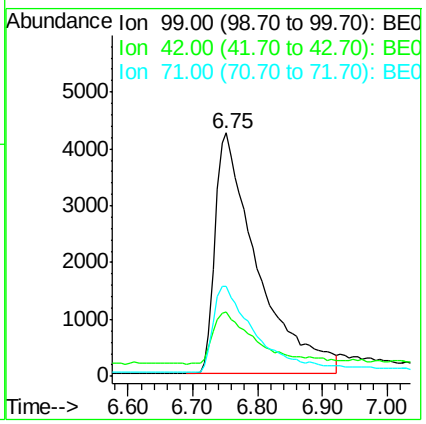


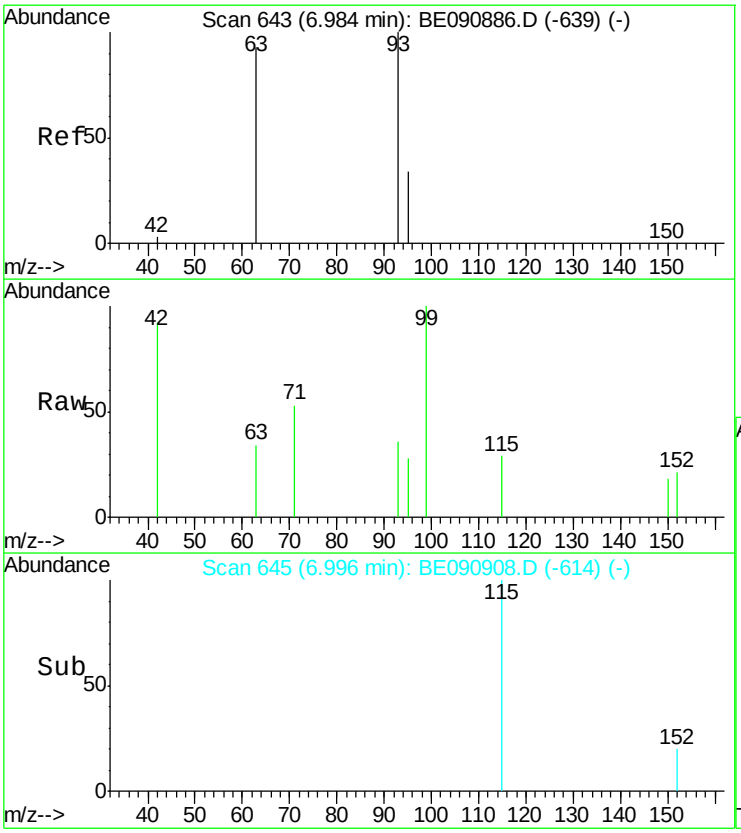
#5
Phenol-d6
Concen: 2.02 ng
RT: 6.75 min Scan# 609
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion: 99 Resp: 19134

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.8	25.2
71	36.2	28.3	42.5

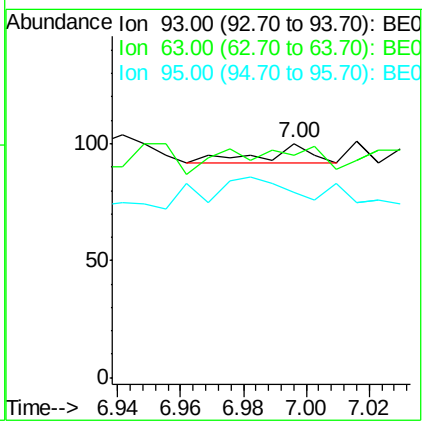


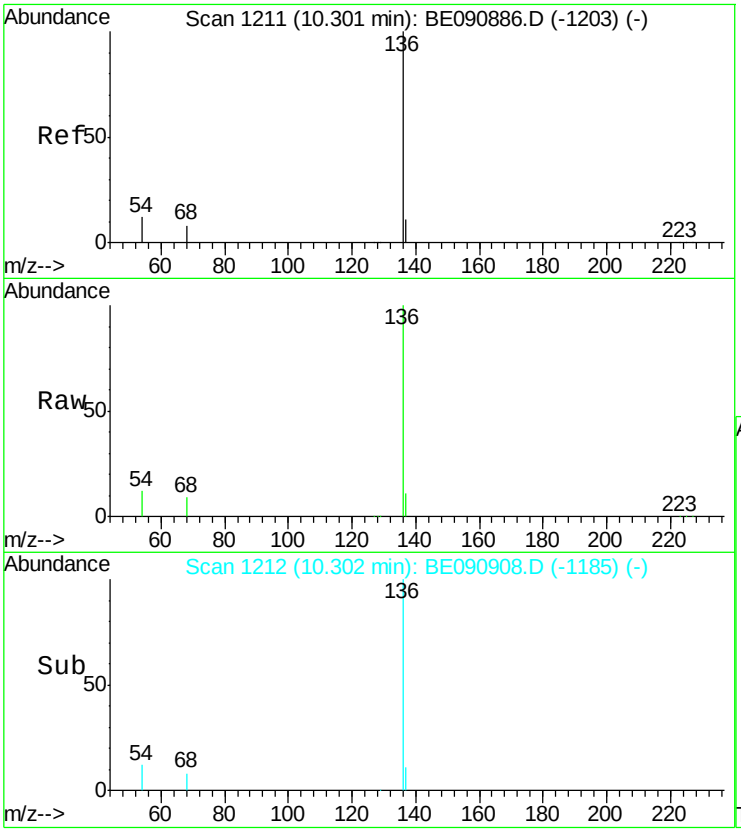


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.00 min Scan# 645
Delta R.T. 0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion: 93 Resp: 8

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	237.5	26.9	40.3#



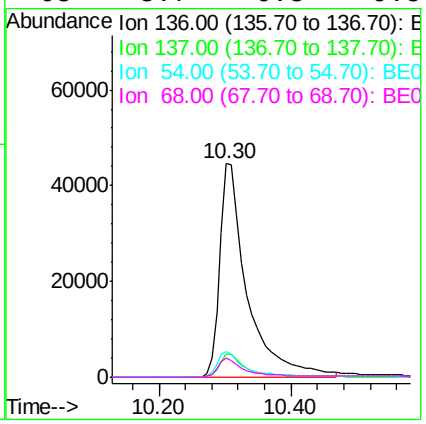


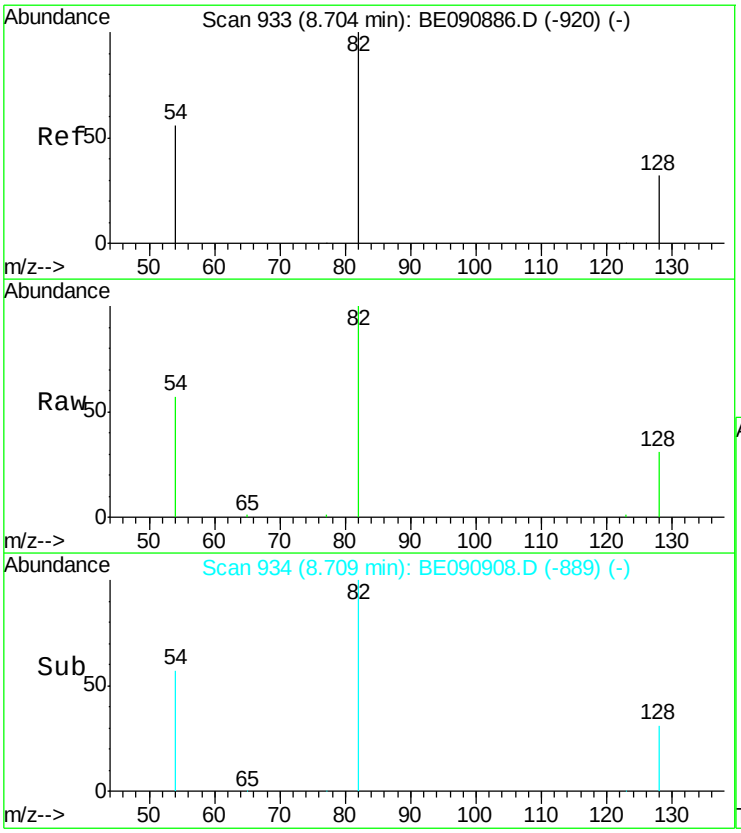
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:136 Resp: 128061

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.0	9.0	13.6
68	8.7	6.3	9.5

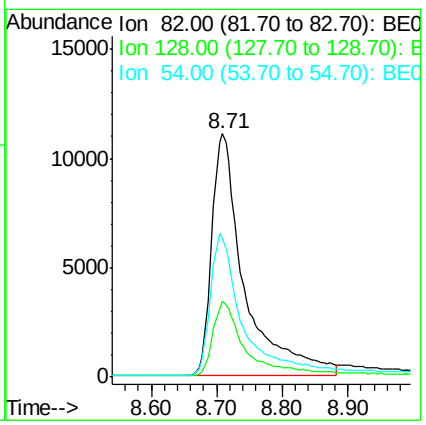


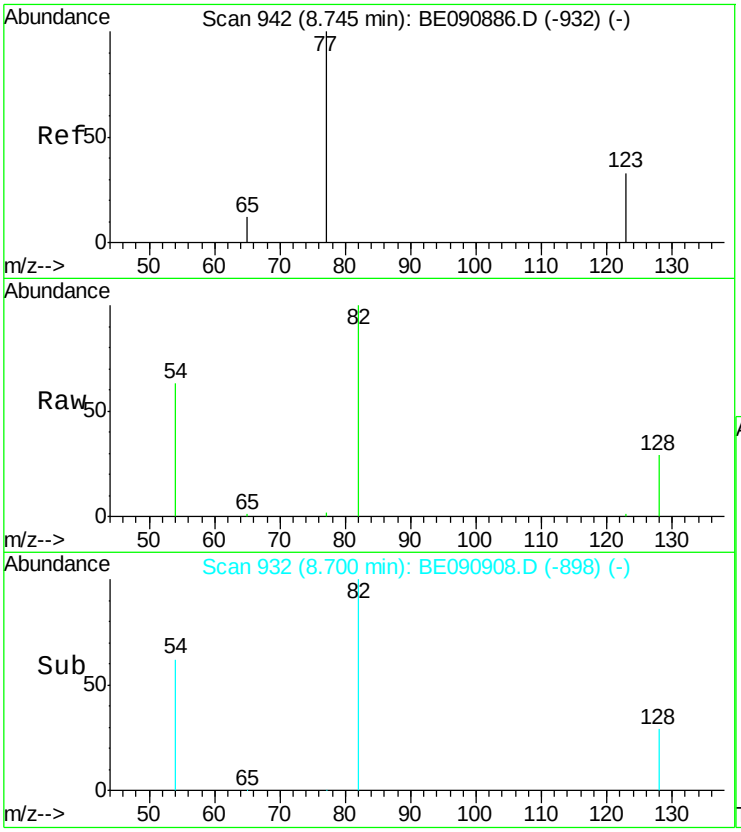


#8
Nitrobenzene-d5
Concen: 4.36 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion: 82 Resp: 38504

Ion	Ratio	Lower	Upper
82	100		
128	31.3	25.0	37.4
54	57.1	46.3	69.5



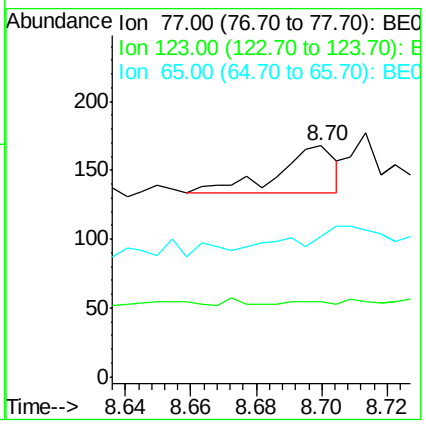


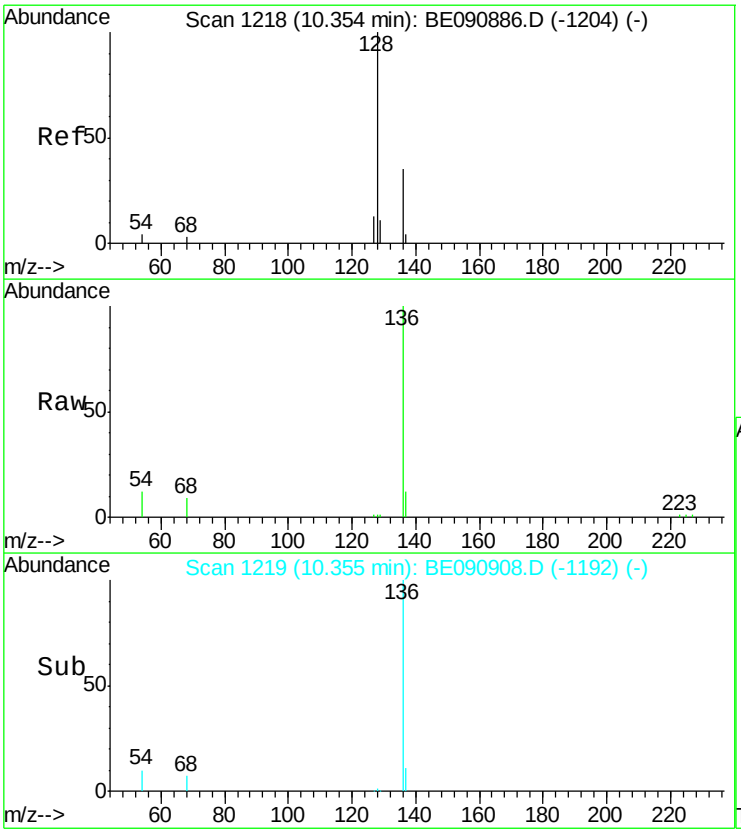
#9
Nitrobenzene
Concen: 0.00 ng
RT: 8.70 min Scan# 932
Delta R.T. -0.05 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion: 77 Resp: 41

Ion	Ratio	Lower	Upper
77	100		
123	4.9	25.1	37.7#
65	87.8	9.9	14.9#

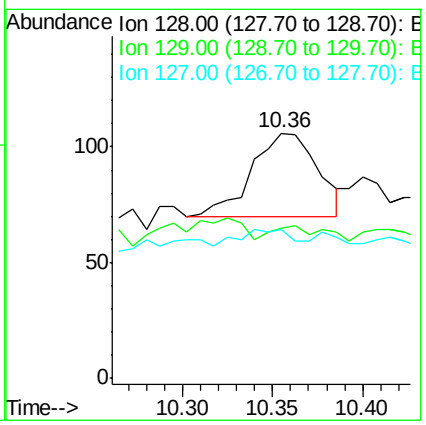


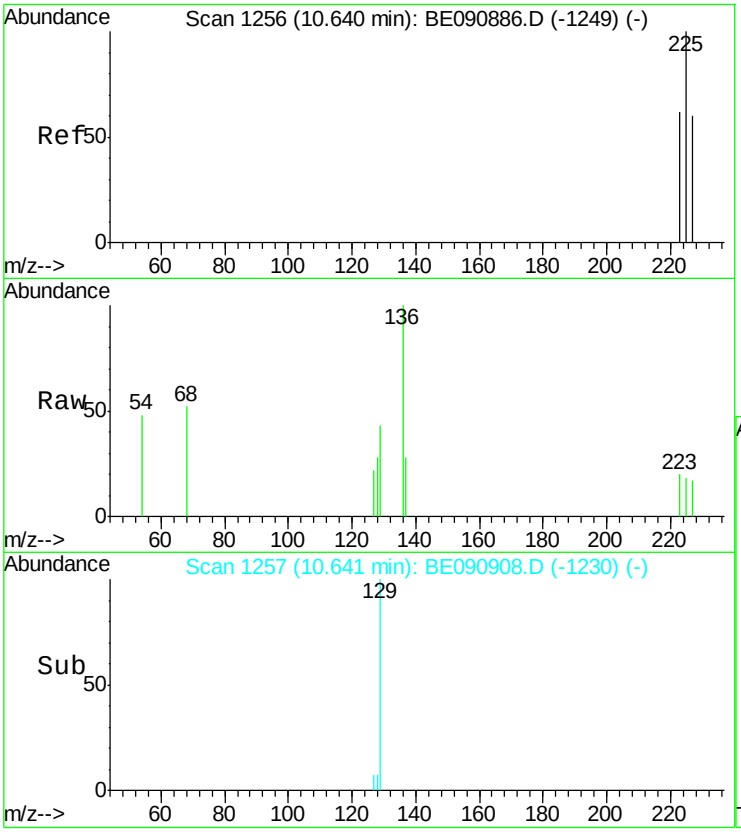


#10
Naphthalene
Concen: Below Cal
RT: 10.36 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:128 Resp: 91

Ion	Ratio	Lower	Upper
128	100		
129	61.3	8.4	12.6#
127	60.4	9.9	14.9#



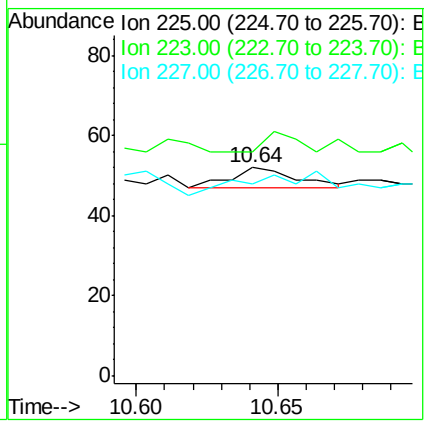


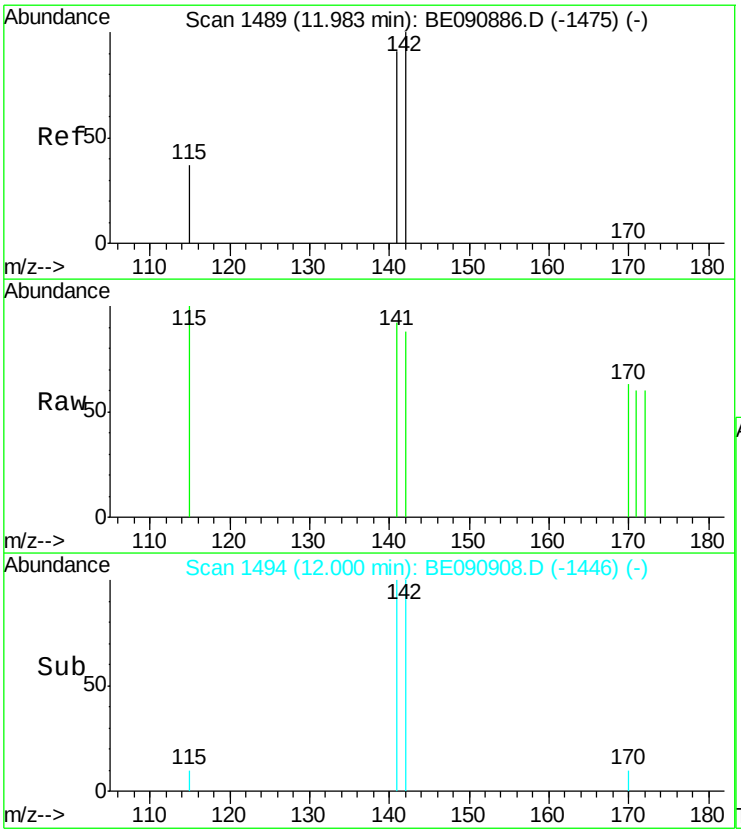
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.64 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:225 Resp: 8

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	0.0	51.0	76.6#

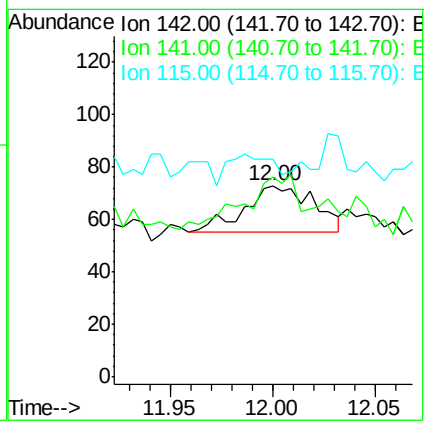


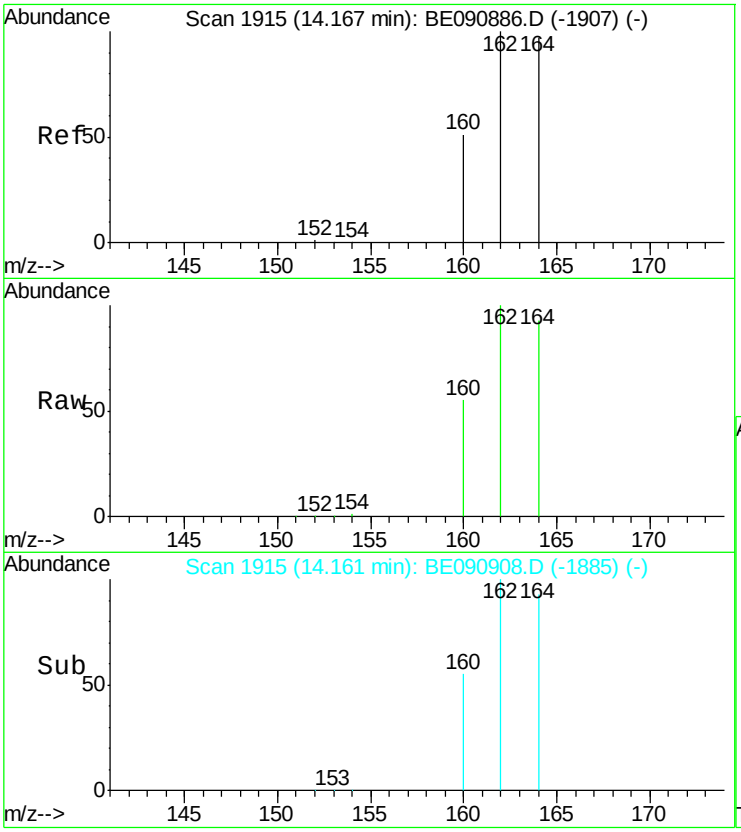


#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:142 Resp: 43

Ion	Ratio	Lower	Upper
142	100		
141	104.1	71.4	107.2
115	113.7	31.0	46.4#



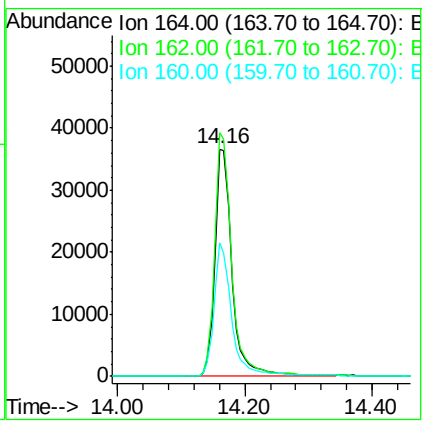


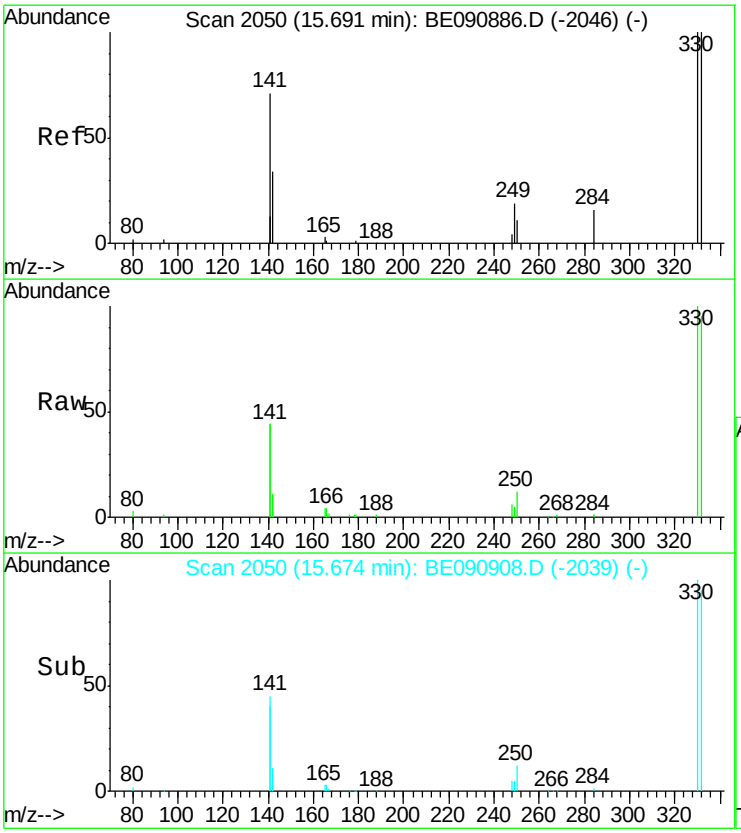
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:164 Resp: 68205

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.8	130.2
160	58.8	53.9	80.9

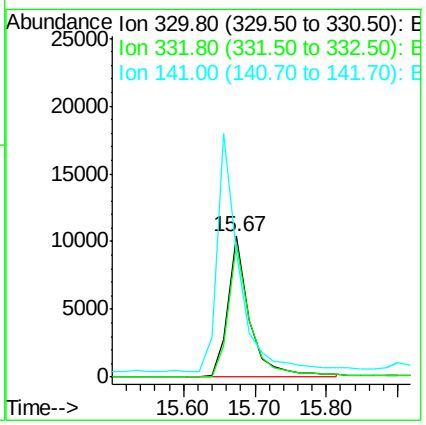


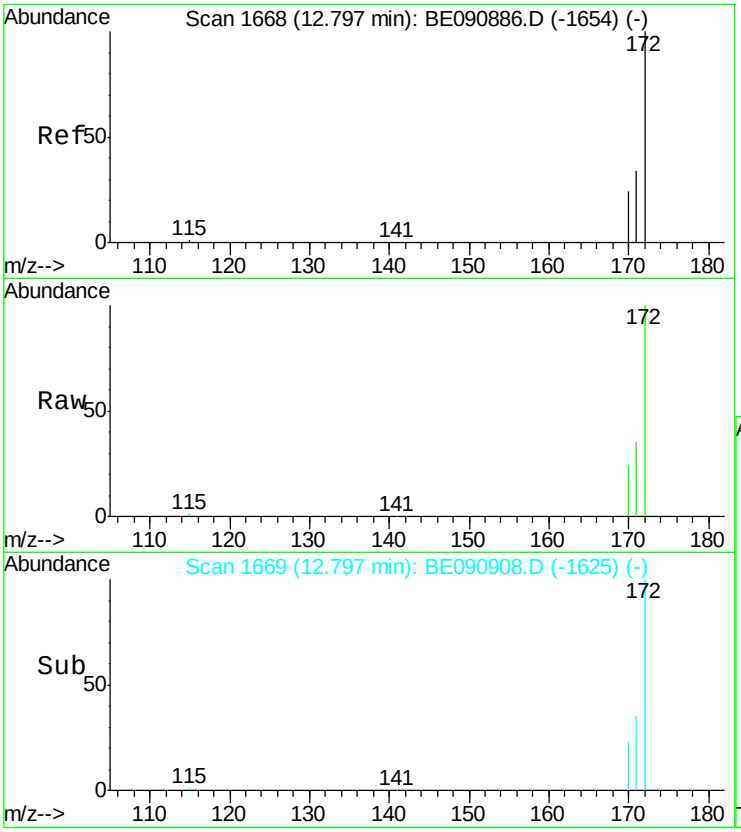


#14
2,4,6-Tribromophenol
Concen: 8.92 ng
RT: 15.67 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:330 Resp: 21485

Ion	Ratio	Lower	Upper
330	100		
332	95.1	74.9	112.3
141	176.7	145.2	217.8



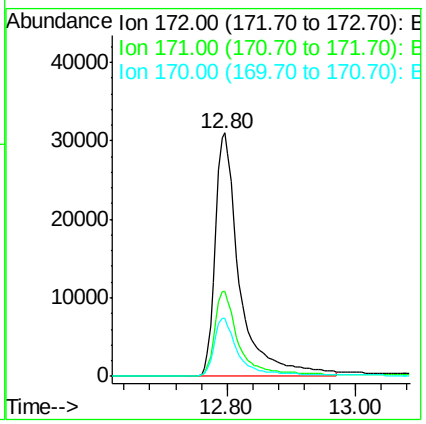


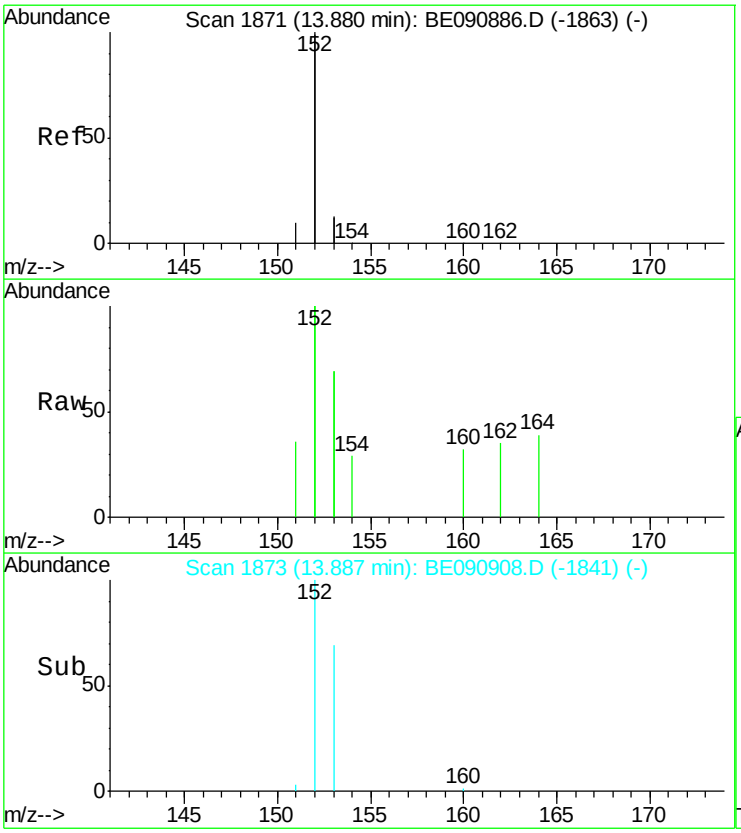
#15
2-Fluorobiphenyl
Concen: 4.23 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:172 Resp: 81728

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.6	19.8	29.6

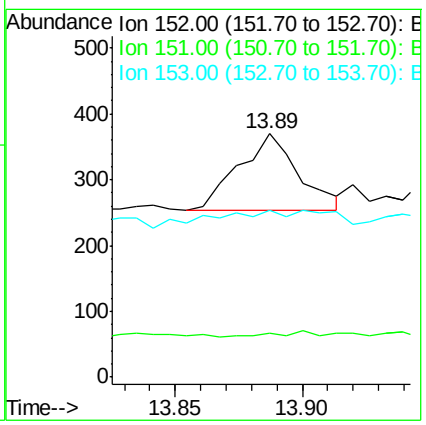


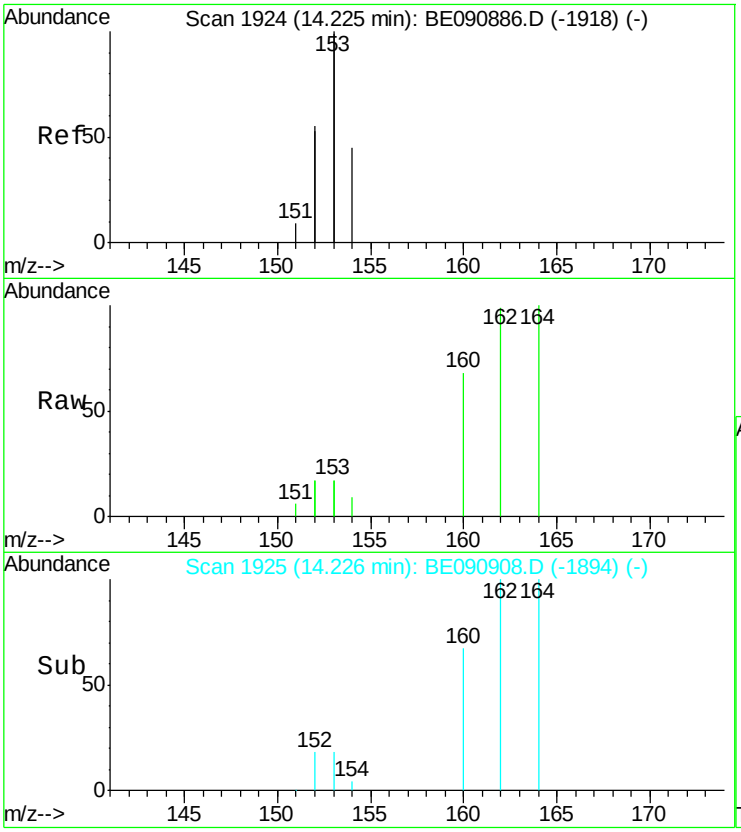


#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:152 Resp: 188

Ion	Ratio	Lower	Upper
152	100		
151	6.9	3.9	5.9#
153	30.3	10.3	15.5#



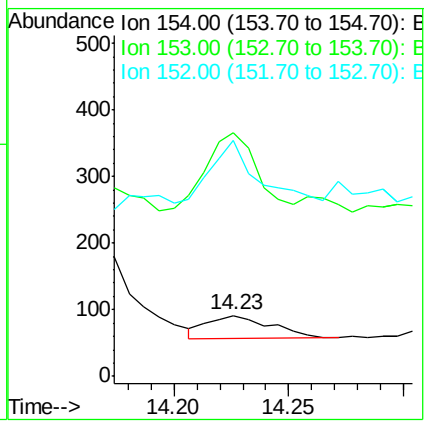


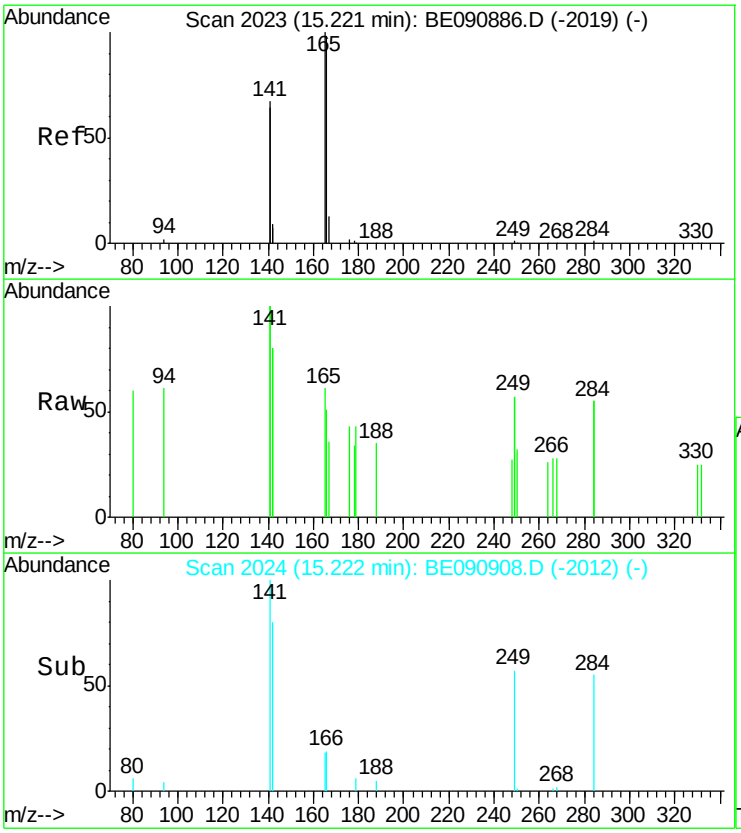
#17
Acenaphthene
Concen: 0.00 ng
RT: 14.23 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:154 Resp: 64

Ion	Ratio	Lower	Upper
154	100		
153	284.4	354.5	531.7#
152	240.6	227.8	341.6

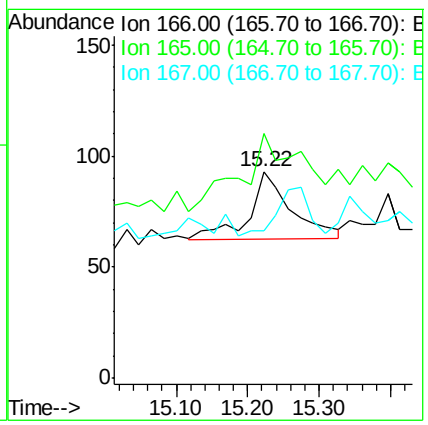


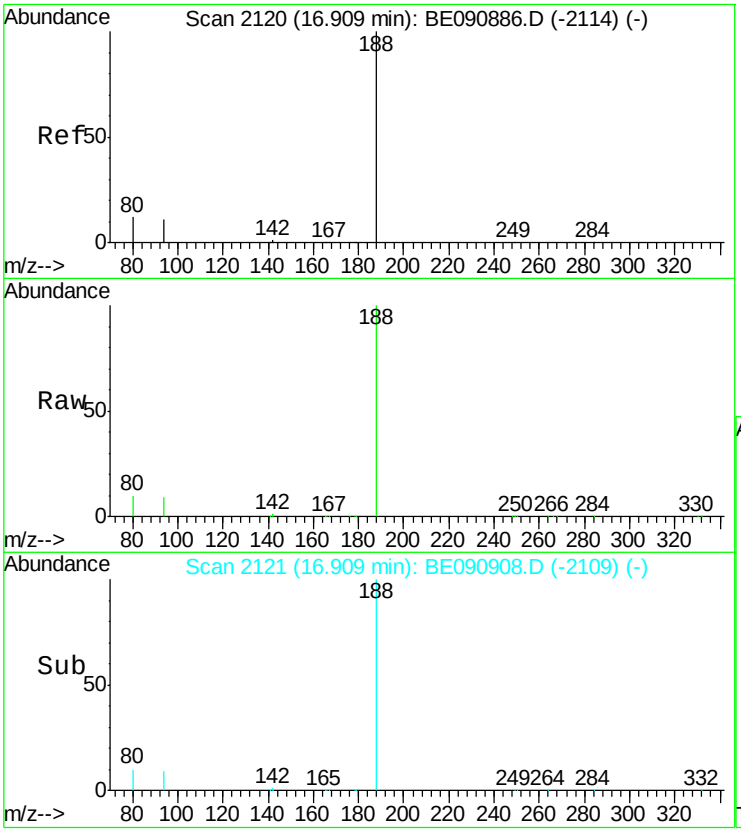


#18
Fluorene
Concen: Below Cal
RT: 15.22 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:166 Resp: 127

Ion	Ratio	Lower	Upper
166	100		
165	172.4	82.7	124.1#
167	0.0	10.7	16.1#



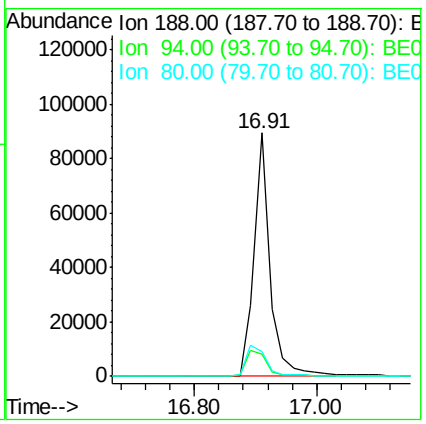


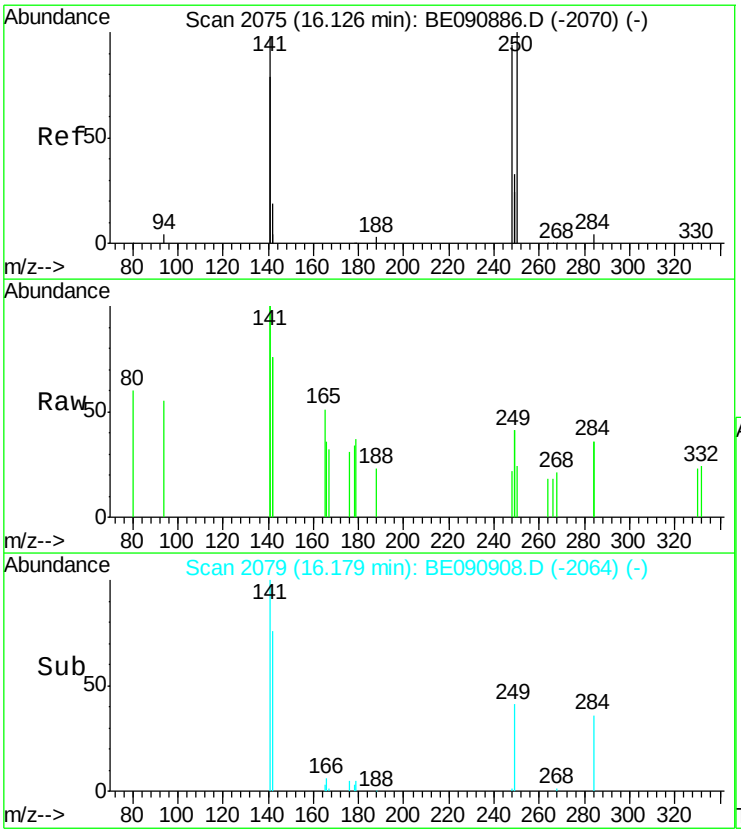
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:188 Resp: 161520

Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.3	15.5#
80	10.0	11.0	16.6#

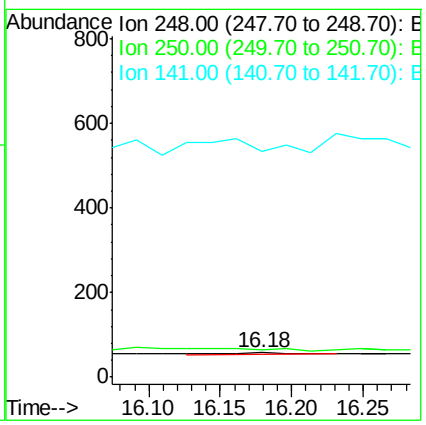


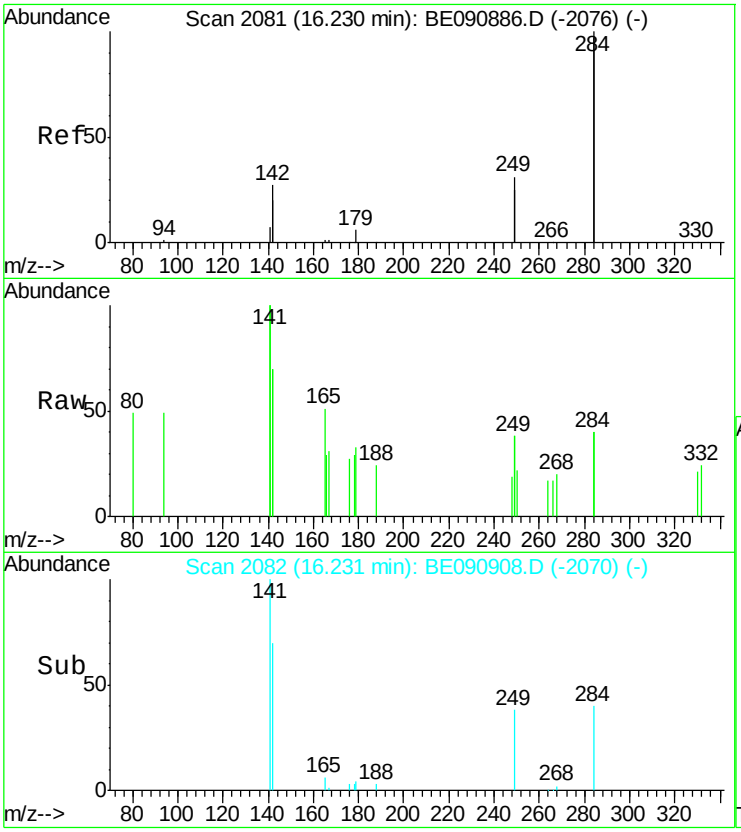


#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.18 min Scan# 2079
Delta R.T. 0.05 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:248 Resp: 14

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.7	115.1#
141	850.0	292.6	439.0#



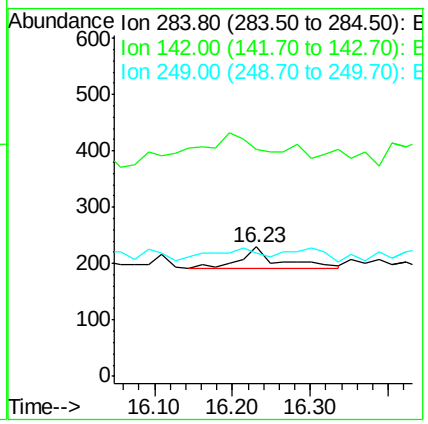


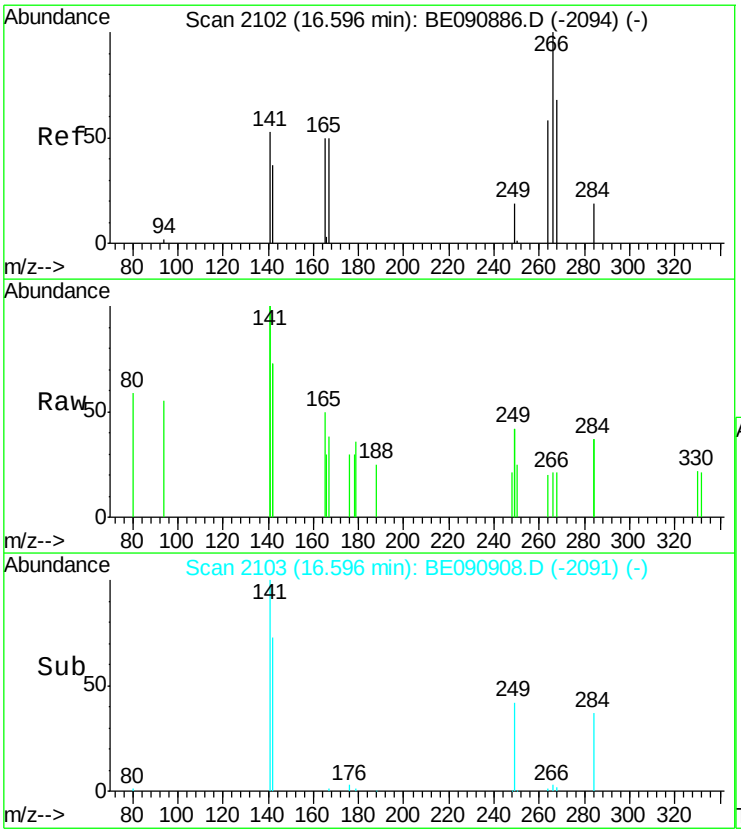
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:284 Resp: 125

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	72.0	25.5	38.3#

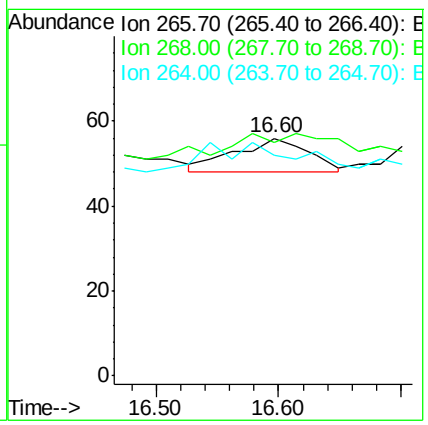


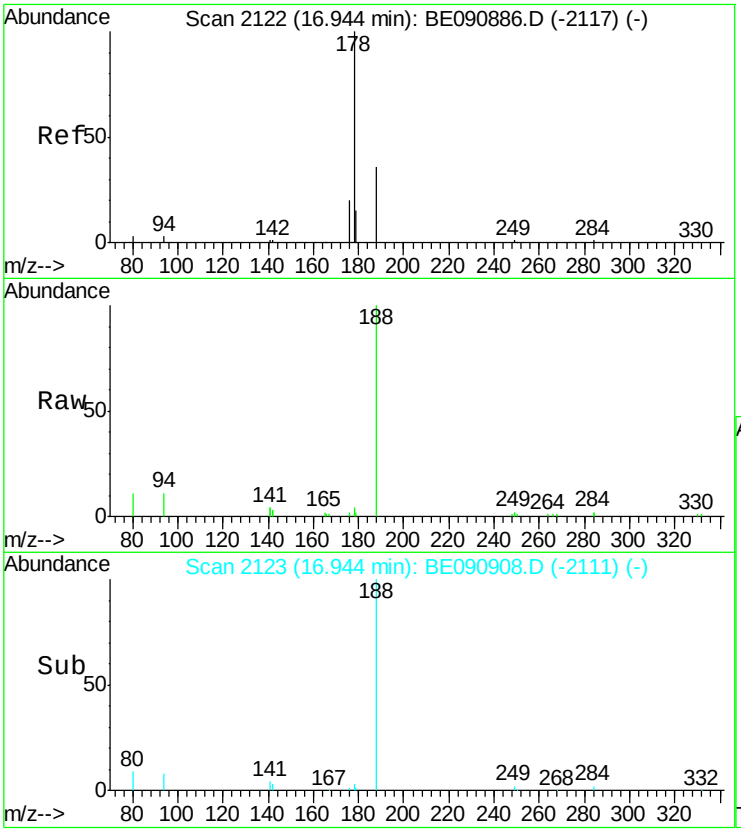


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.60 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
268	98.2	49.6	74.4#
264	92.9	53.9	80.9#



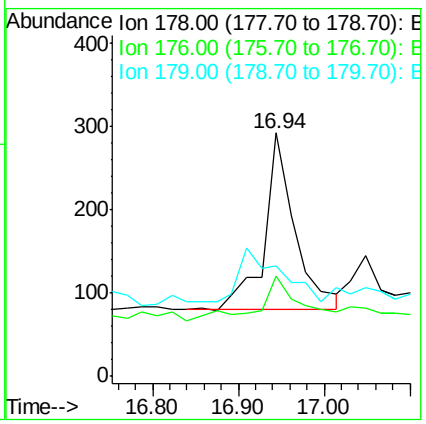


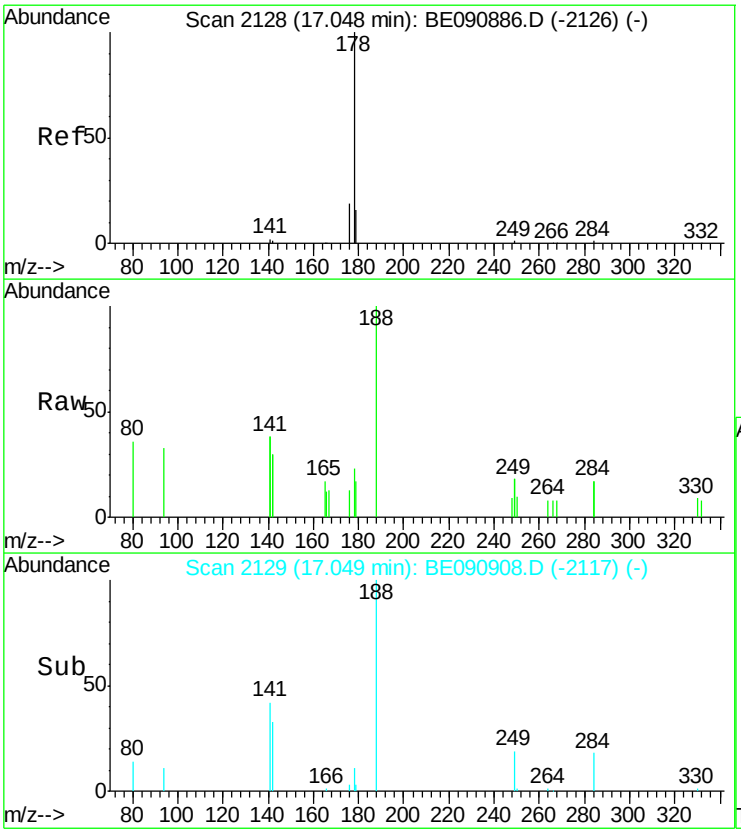
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:178 Resp: 524

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	0.0	12.8	19.2#

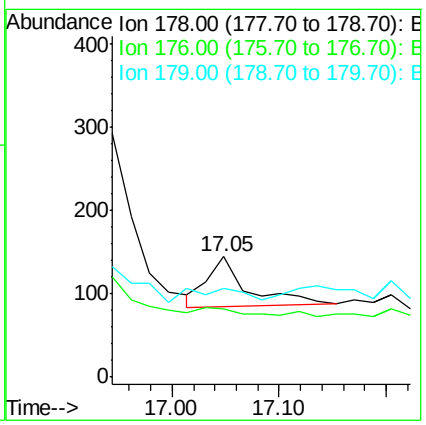


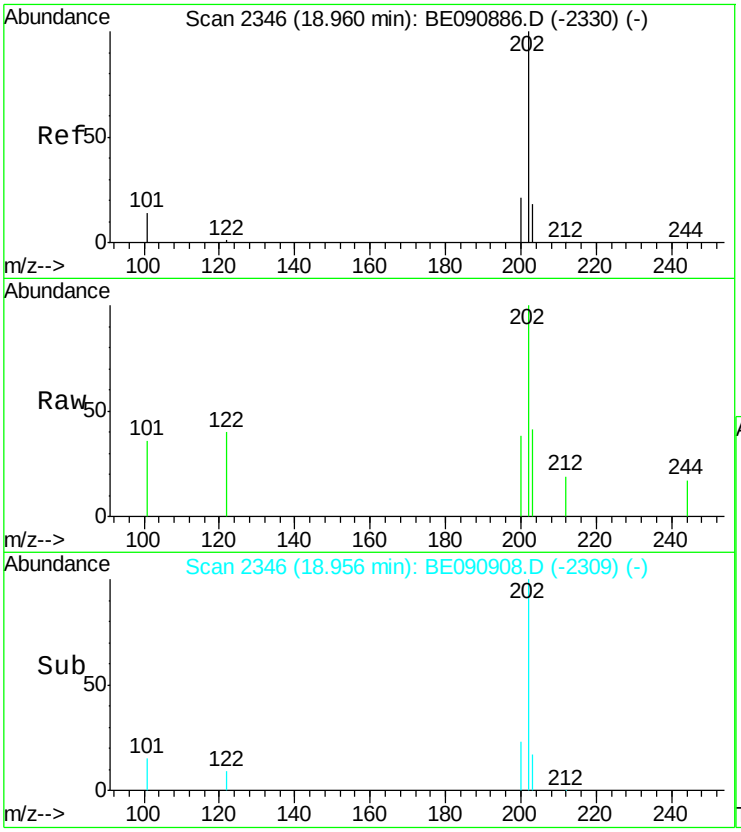


#24
Anthracene
Concen: 0.00 ng
RT: 17.05 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:178 Resp: 158

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.6#
179	0.0	12.3	18.5#



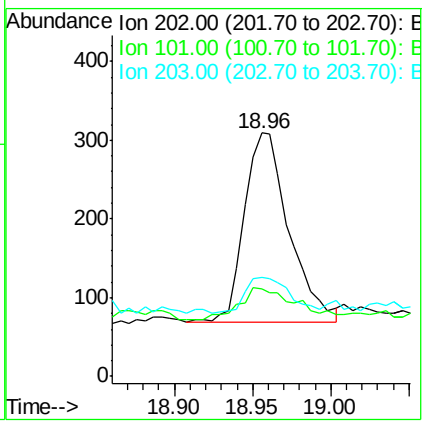


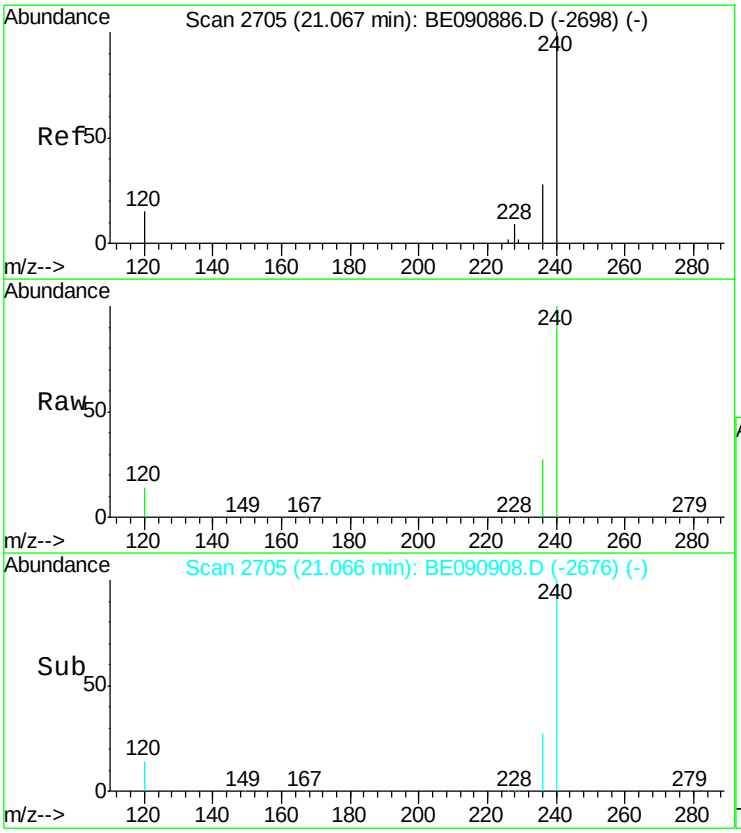
#25
Fluoranthene
Concen: 0.01 ng
RT: 18.96 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:202 Resp: 481

Ion	Ratio	Lower	Upper
202	100		
101	21.4	11.0	16.6#
203	17.5	13.9	20.9

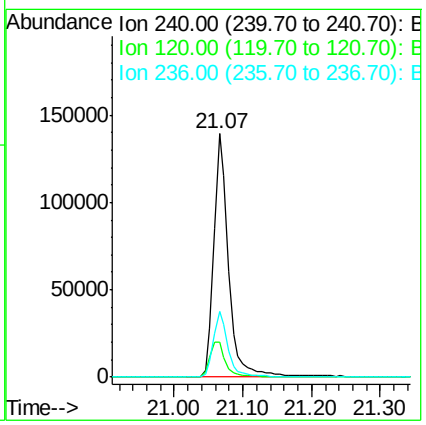


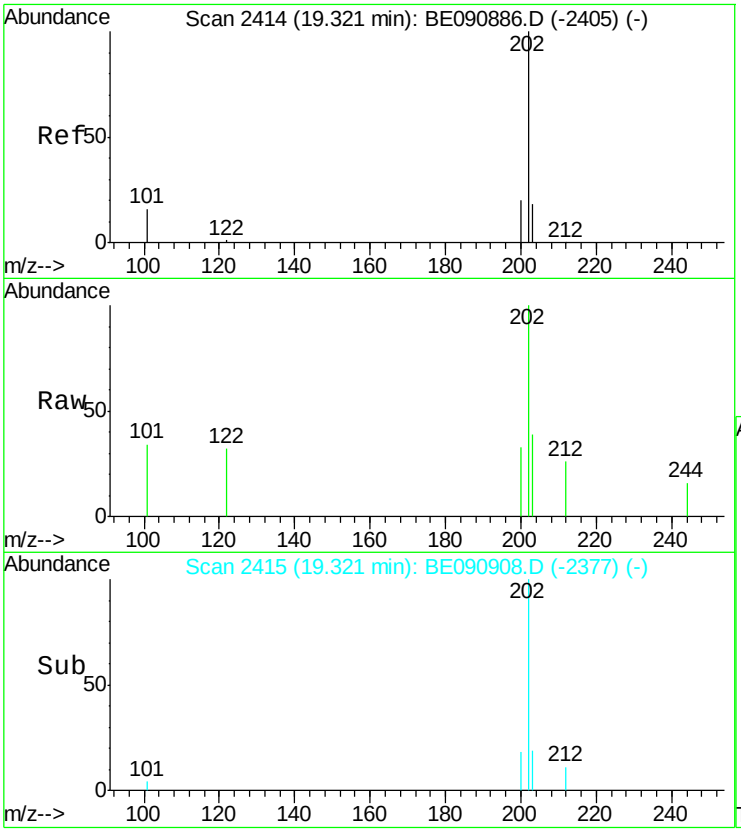


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:240 Resp: 207459

Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.1	15.1
236	27.0	21.9	32.9



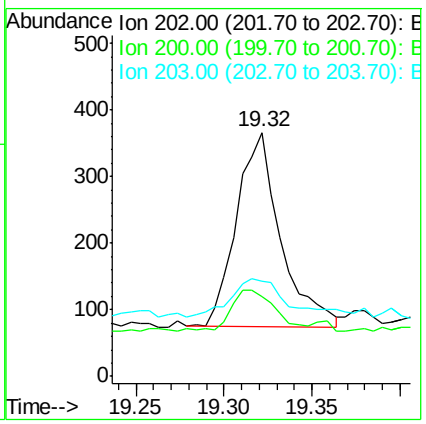


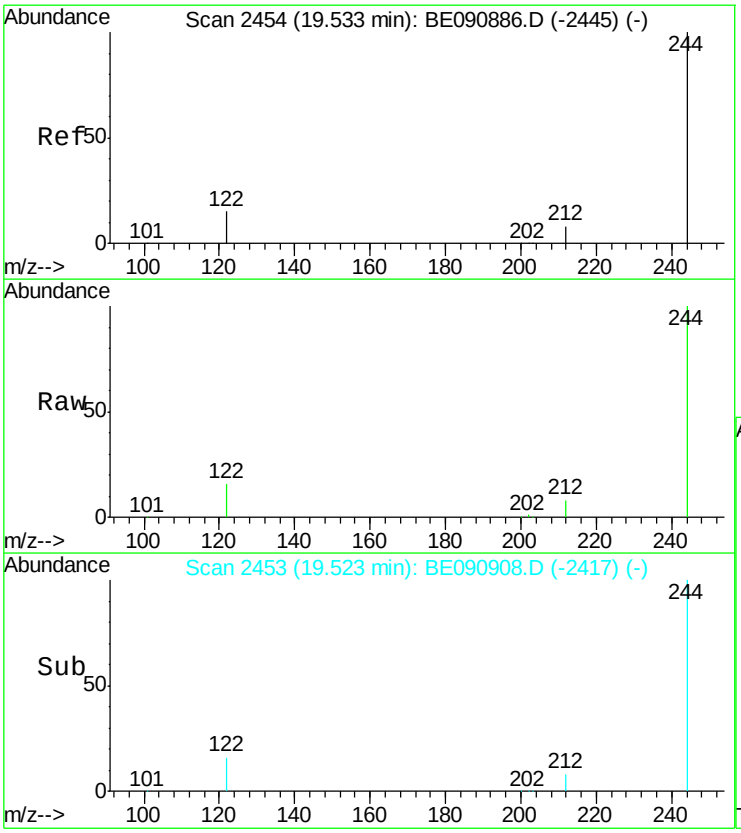
#27
Pyrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:202 Resp: 507

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	25.4	13.8	20.6#

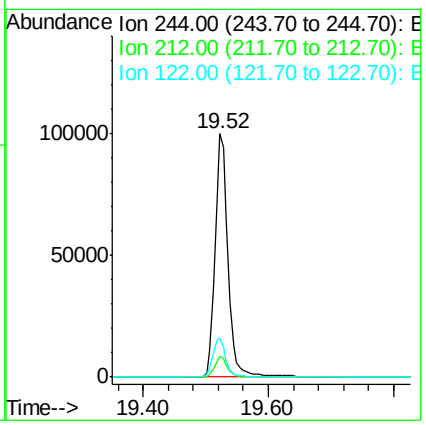


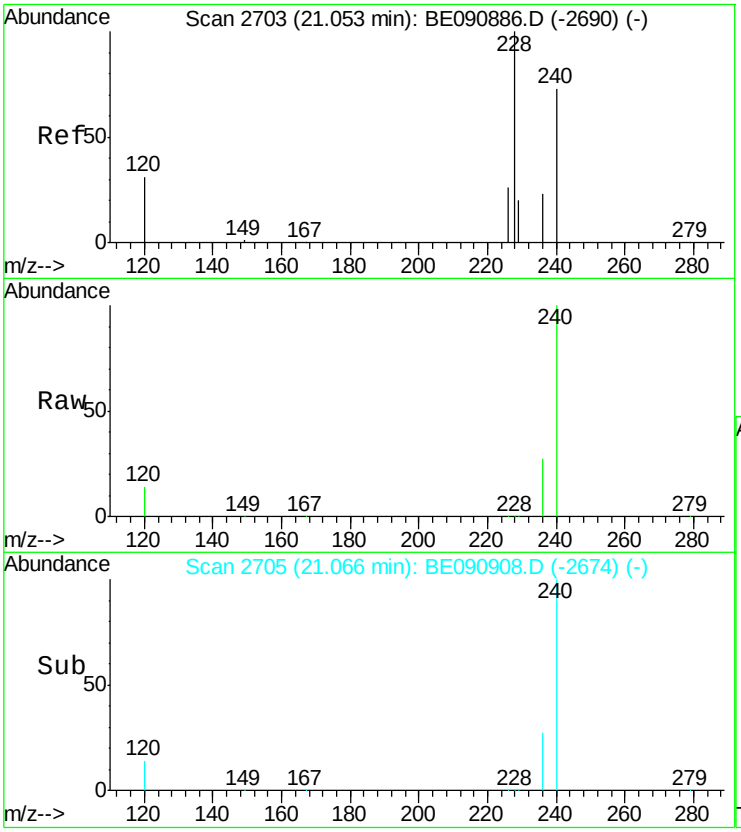


#28
Terphenyl-d14
Concen: 6.16 ng
RT: 19.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:244 Resp: 144260

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	15.8	12.9	19.3



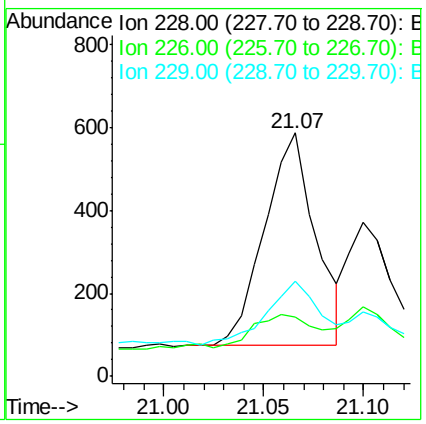


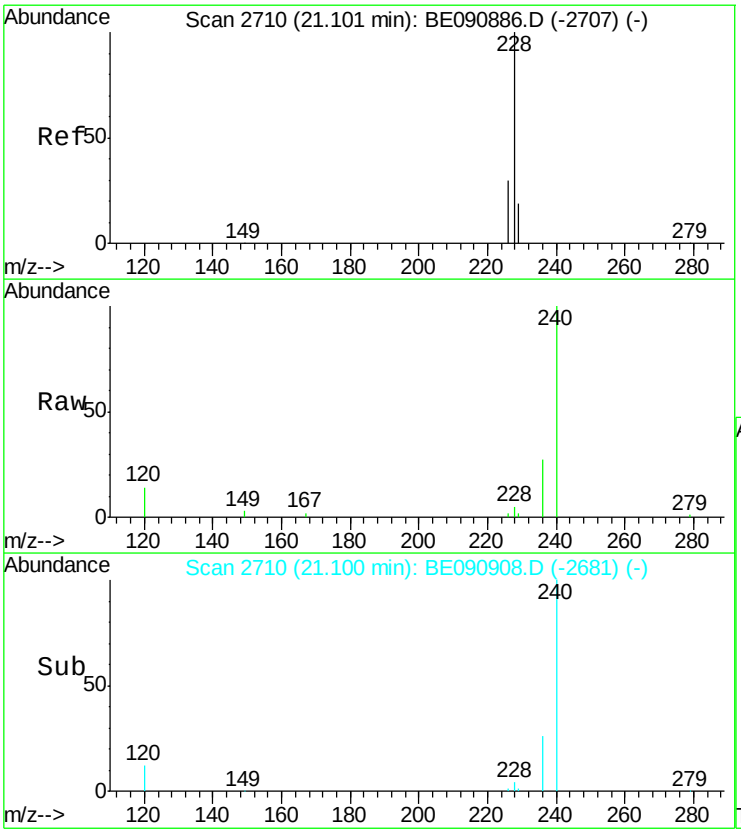
#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:228 Resp: 912

Ion	Ratio	Lower	Upper
228	100		
226	24.5	21.6	32.4
229	38.8	15.9	23.9#

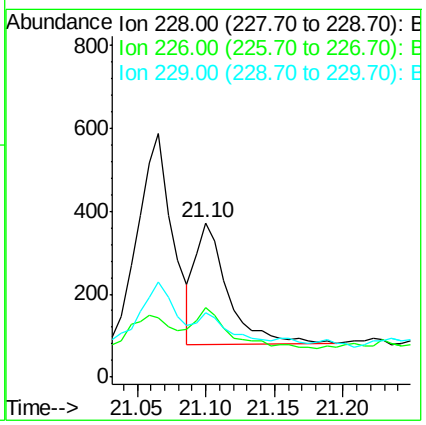


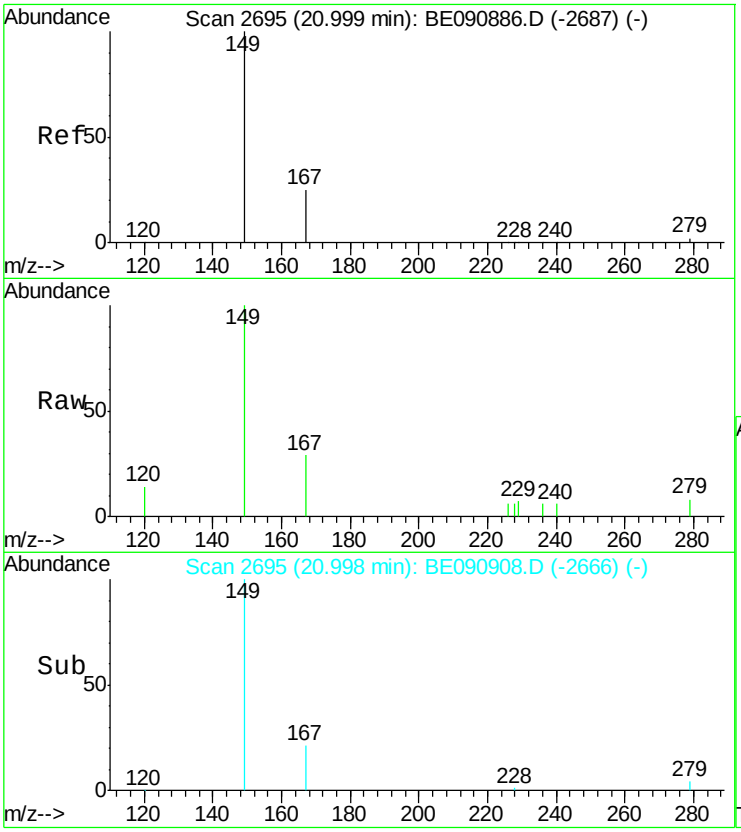


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:228 Resp: 490

Ion	Ratio	Lower	Upper
228	100		
226	45.2	24.2	36.4#
229	41.7	15.3	22.9#



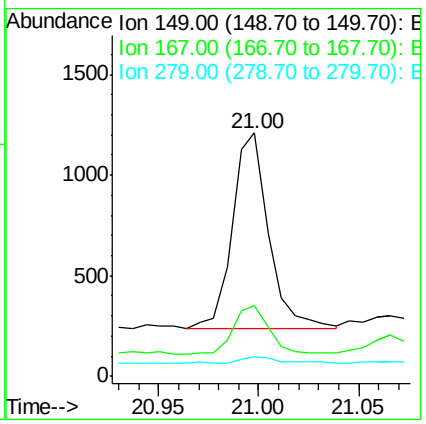


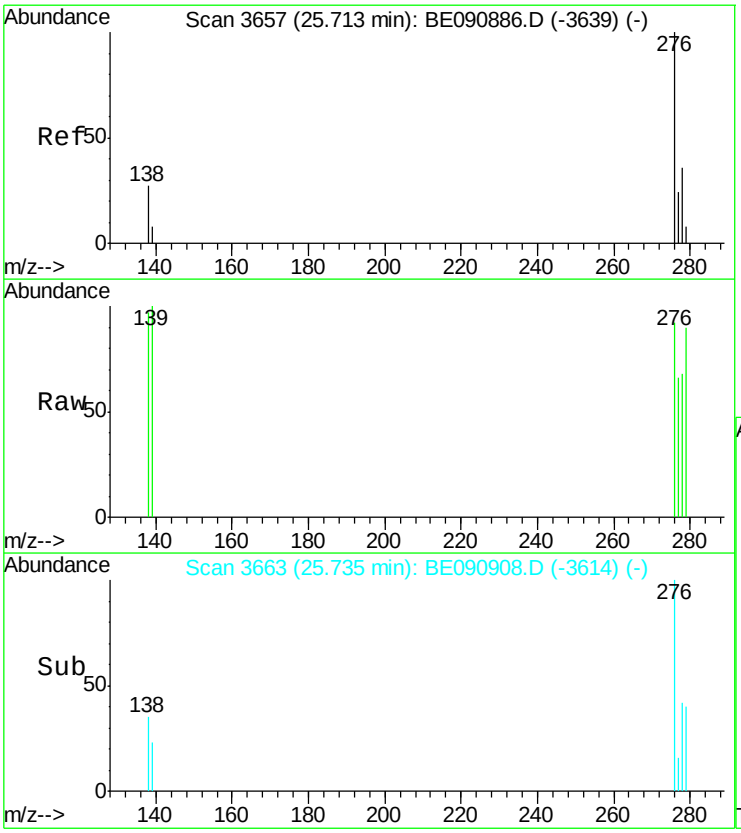
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.00 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:149 Resp: 1241

Ion	Ratio	Lower	Upper
149	100		
167	23.9	20.1	30.1
279	3.5	2.3	3.5#

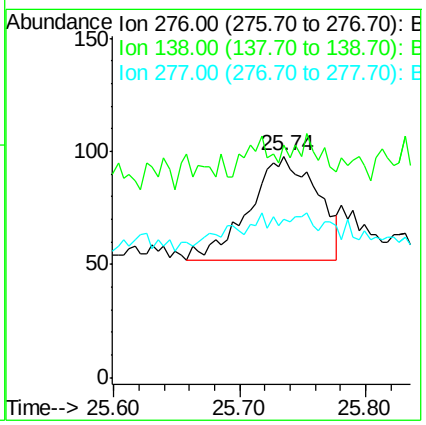


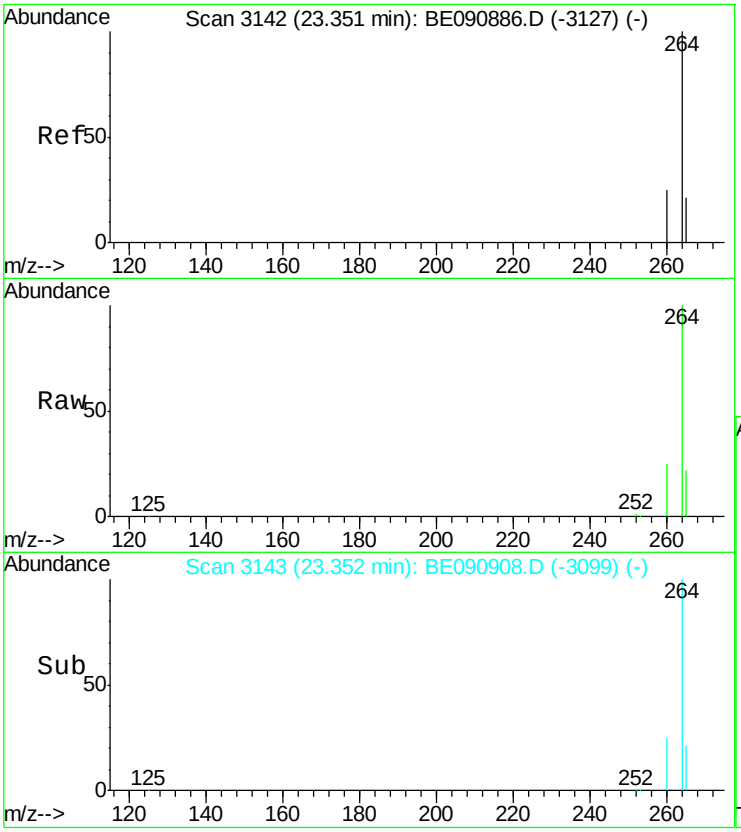


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.74 min Scan# 3663
Delta R.T. 0.02 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:276 Resp: 172

Ion	Ratio	Lower	Upper
276	100		
138	1.7	23.3	34.9#
277	0.0	19.8	29.6#



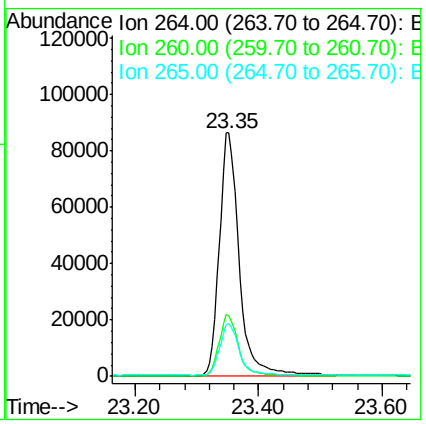


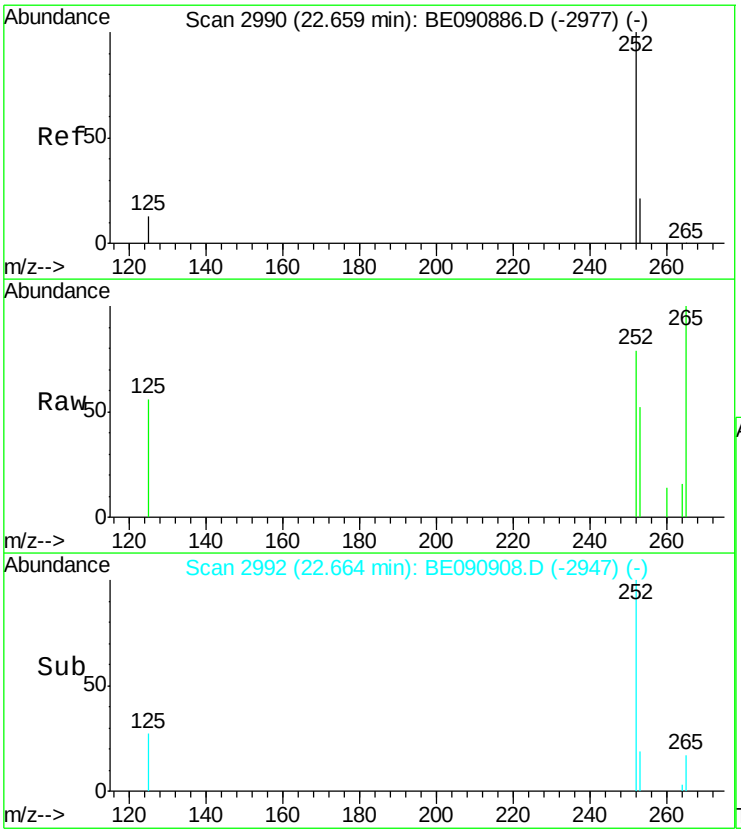
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:264 Resp: 194965

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.6	17.5	26.3

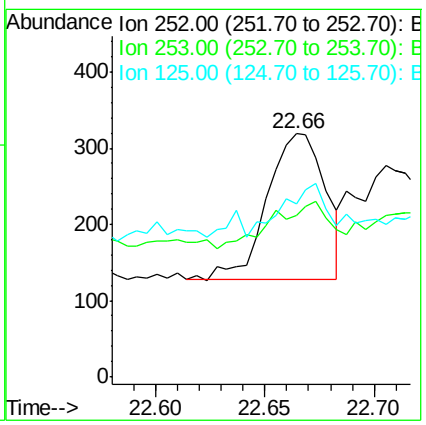


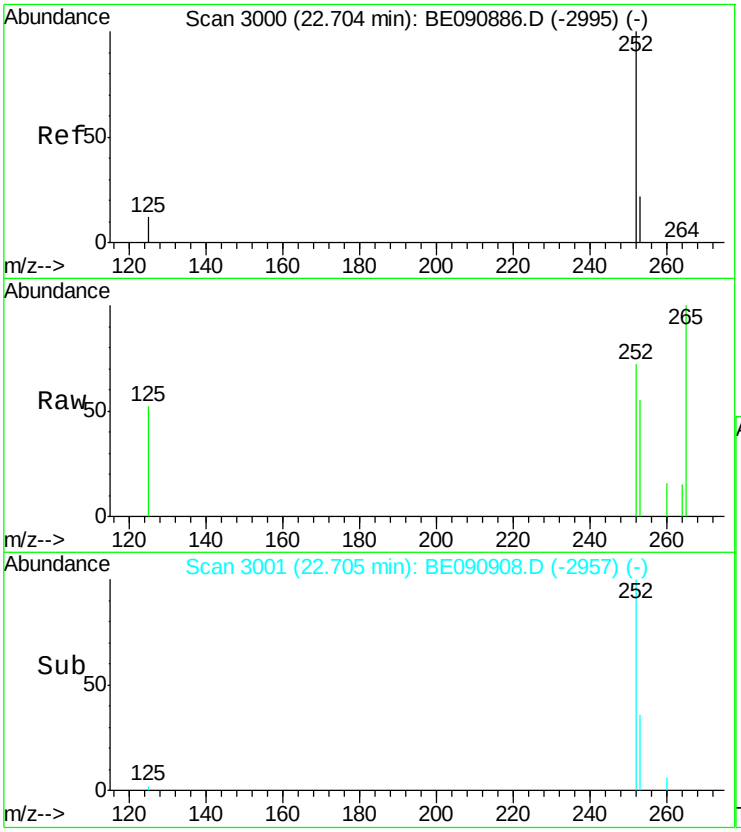


#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.66 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:252 Resp: 359

Ion	Ratio	Lower	Upper
252	100		
253	66.1	17.9	26.9#
125	71.2	10.6	16.0#



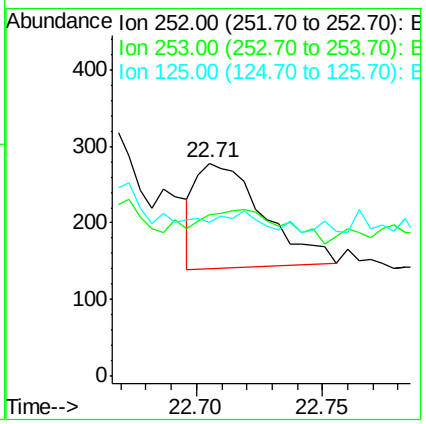


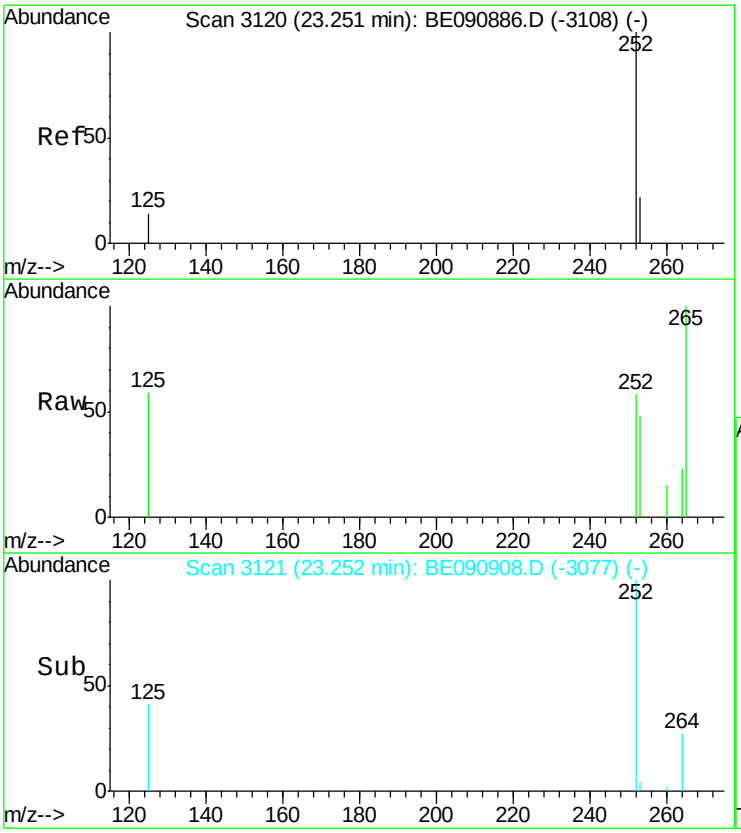
#35
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.71 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:252 Resp: 253

Ion	Ratio	Lower	Upper
252	100		
253	75.9	17.9	26.9#
125	71.9	10.1	15.1#

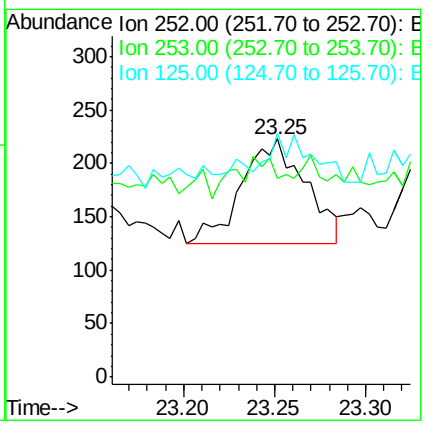


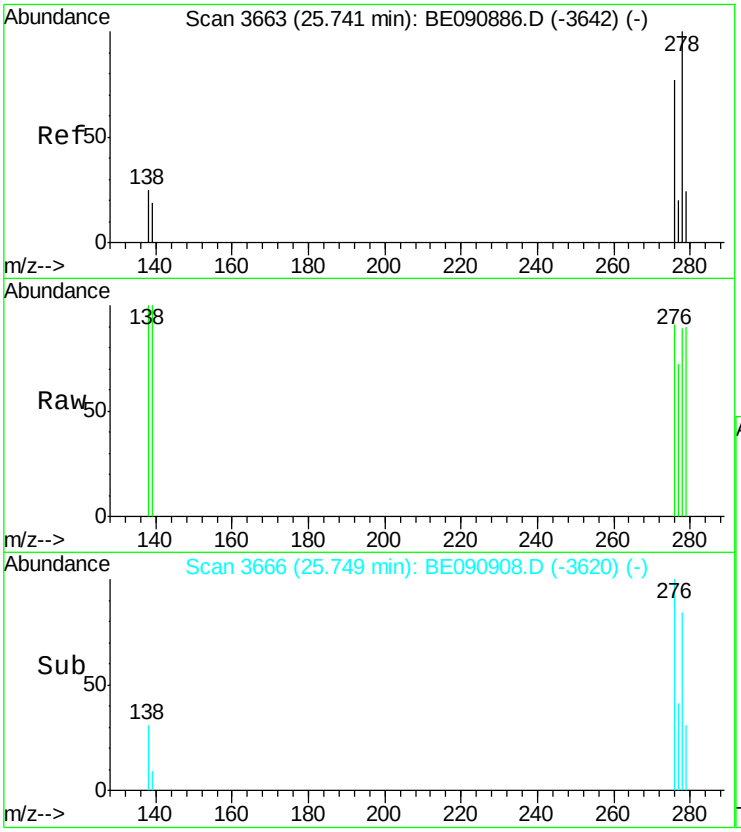


#36
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.25 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:252 Resp: 239

Ion	Ratio	Lower	Upper
252	100		
253	83.4	17.2	25.8#
125	102.2	18.0	27.0#



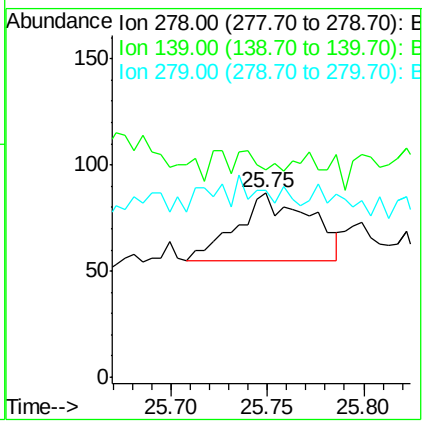


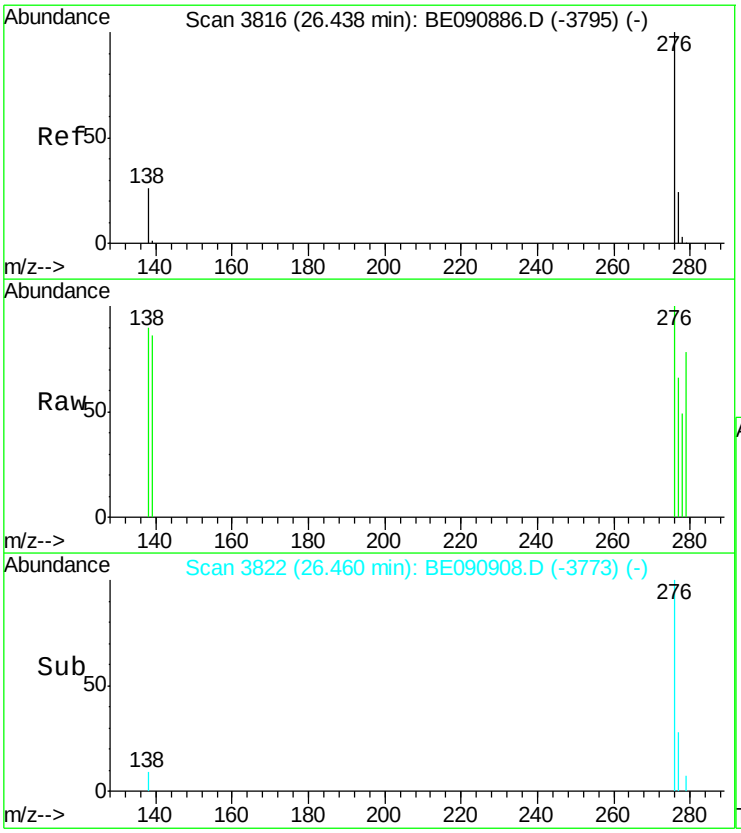
#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.75 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-D-S

Tgt Ion:278 Resp: 83

Ion	Ratio	Lower	Upper
278	100		
139	112.6	15.4	23.0#
279	101.1	18.8	28.2#





#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.46 min Scan# 3822
Delta R.T. 0.02 min
Lab File: BE090908.D
Acq: 19 Sep 2015 12:19

Tgt Ion:276 Resp: 186

Ion	Ratio	Lower	Upper
276	100		
277	66.1	18.5	27.7#
138	90.2	20.1	30.1#