Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090907.D
Acq On : 19 Sep 2015 11:43
Operator : UM/IZ
Sample : G3723-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 21 02:35:11 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	28158	5.00	ng		0.00
7) Naphthalene-d8	10.31	136	116147	5.00	ng		0.00
13) Acenaphthene-d10	14.17	164	60721	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	144789	5.00	ng		0.00
26) Chrysene-d12	21.07	240	195458	5.00	ng		0.00
33) Perylene-d12	23.35	264	185265	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	26618	4.20	ng		0.00
5) Phenol-d6	6.75	99	19627	2.24	ng		0.00
8) Nitrobenzene-d5	8.71	82	34796	4.35	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	20647	9.63	ng		-0.02
15) 2-Fluorobiphenyl	12.80	172	76391	4.44	ng		0.00
28) Terphenyl-d14	19.53	244	144899	6.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	32	Below Cal		#	36
3) n-Nitrosodimethylamine	3.45	42	11	Below Cal		#	1
6) bis(2-Chloroethyl)ether	6.98	93	30	Below Cal		#	16
9) Nitrobenzene	8.78	77	12	0.00	ng	#	14
10) Naphthalene	10.35	128	158	Below Cal		#	1
11) Hexachlorobutadiene	10.63	225	2	Below Cal		#	1
12) 2-Methylnaphthalene	12.01	142	27	0.00	ng	#	60
16) Acenaphthylene	13.89	152	208	0.00	ng	#	87
17) Acenaphthene	14.23	154	49	0.00	ng	#	50
18) Fluorene	15.22	166	96	Below Cal		#	96
20) 4-Bromophenyl-phenylether	16.09	248	50	0.01	ng	#	1
21) Hexachlorobenzene	16.23	284	50	Below Cal		#	1
22) Pentachlorophenol	16.61	266	67	0.20	ng	#	71
23) Phenanthrene	16.94	178	484	Below Cal		#	76
24) Anthracene	17.05	178	183	0.01	ng	#	60
25) Fluoranthene	18.95	202	358	0.01	ng	#	77
27) Pyrene	19.32	202	381	0.01	ng	#	90
29) Benzo(a)anthracene	21.06	228	845	0.02	ng	#	84
30) Chrysene	21.10	228	418	Below Cal		#	72
31) Bis(2-ethylhexyl)phthalate	20.99	149	1300	0.23	ng		95
32) Indeno(1,2,3-cd)pyrene	25.73	276	201	0.00	ng	#	59
34) Benzo(b)fluoranthene	22.66	252	356	0.01	ng	#	1
35) Benzo(k)fluoranthene	22.70	252	316	0.01	ng	#	1
36) Benzo(a)pyrene	23.25	252	233	0.01	ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	87	0.00	ng	#	1
38) Benzo(g,h,i)perylene	26.45	276	128	0.00	ng	#	1

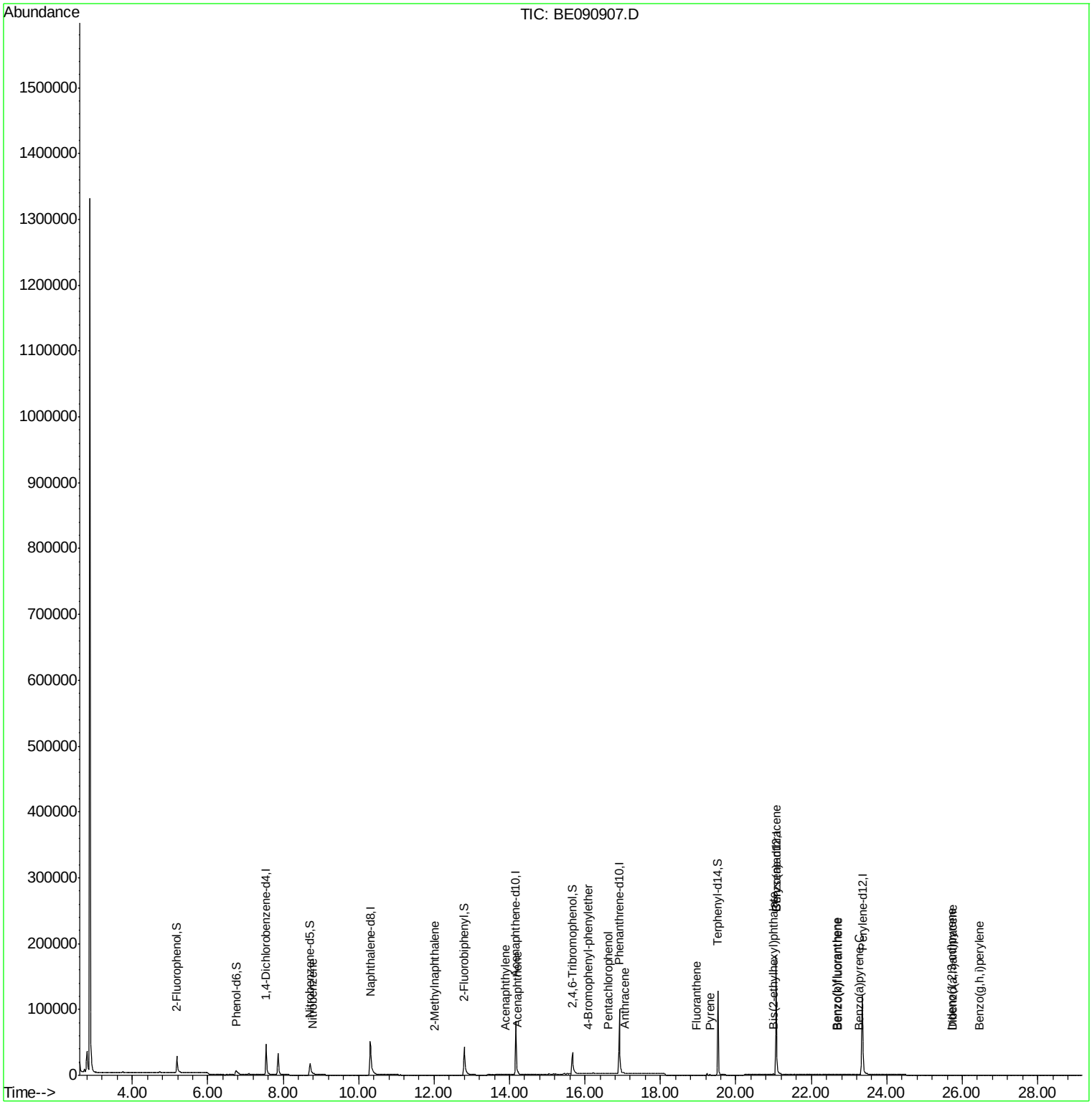
(#) = qualifier out of range (m) = manual integration (+) = signals summed

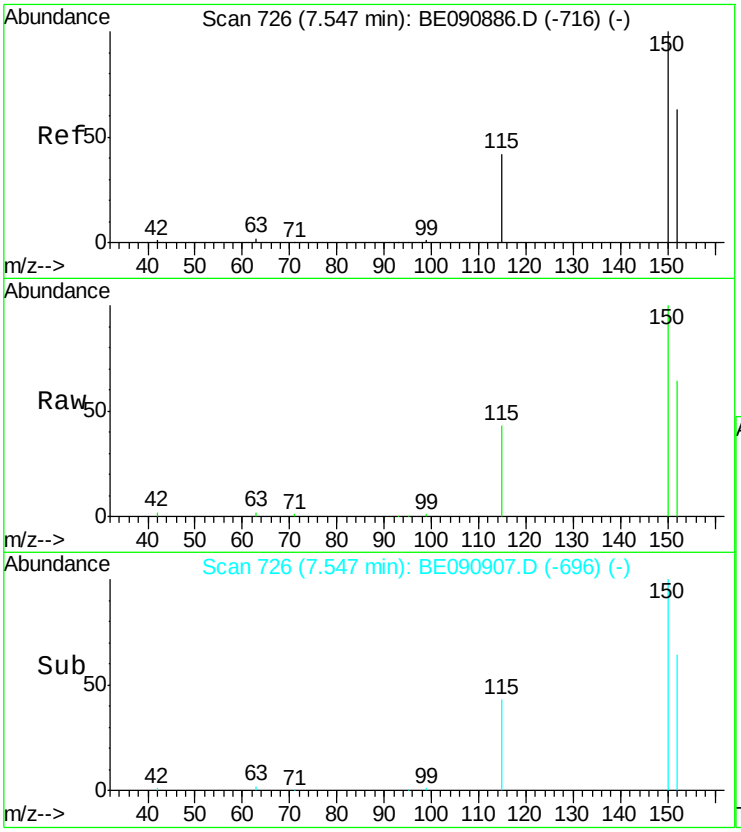
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090907.D
Acq On : 19 Sep 2015 11:43
Operator : UM/IZ
Sample : G3723-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 21 02:35:11 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



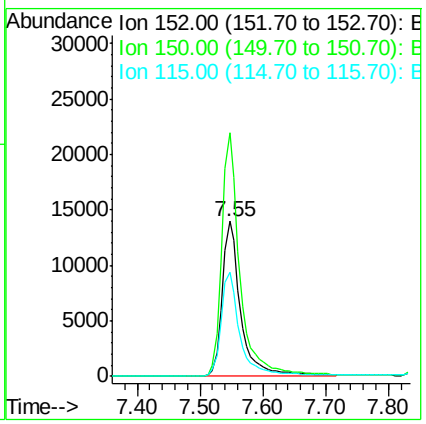


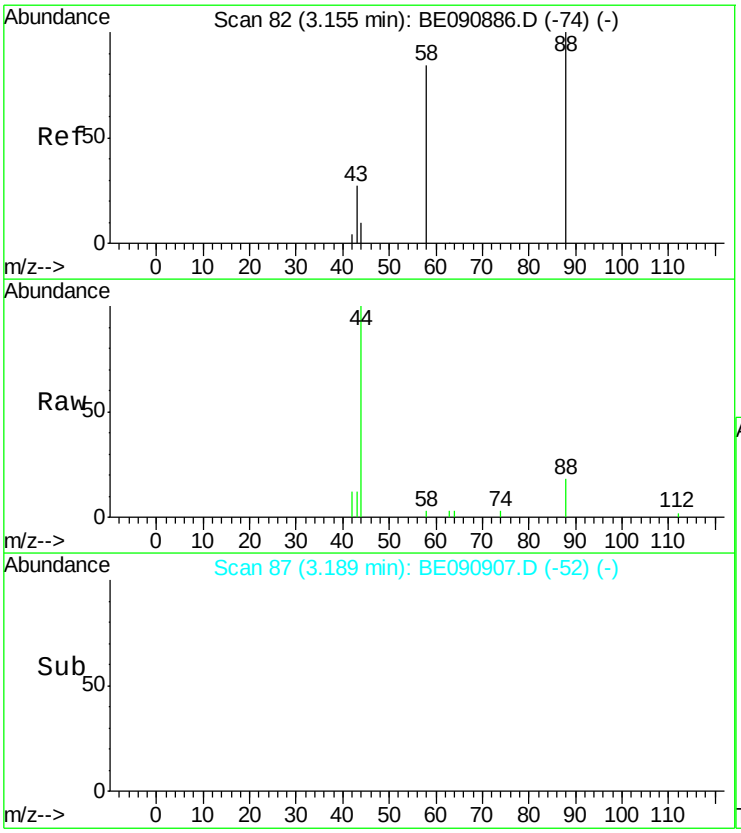
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:152 Resp: 28158

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.2	183.4
115	67.2	51.0	76.4

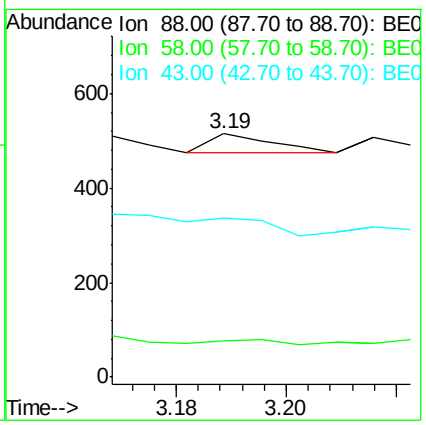


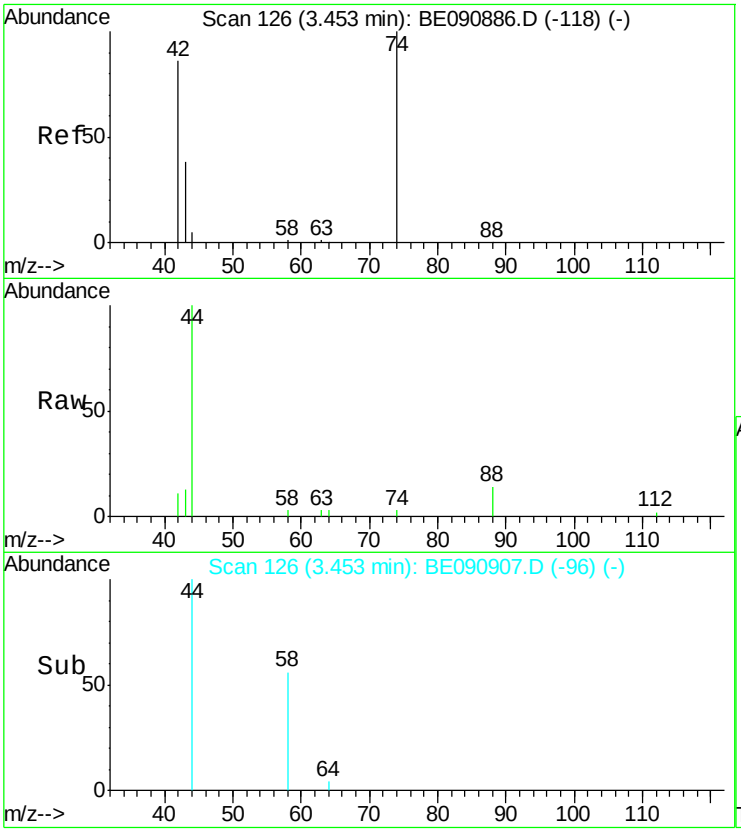


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.19 min Scan# 87
Delta R.T. 0.03 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion: 88 Resp: 32

Ion	Ratio	Lower	Upper
88	100		
58	25.0	68.4	102.6#
43	0.0	26.9	40.3#



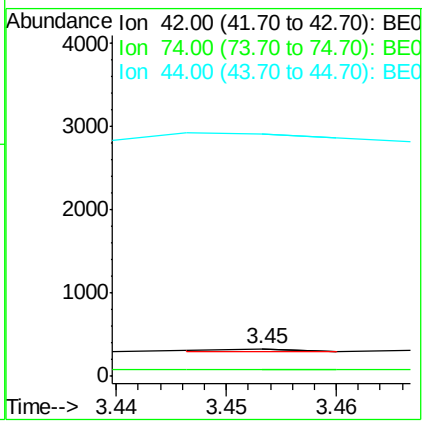


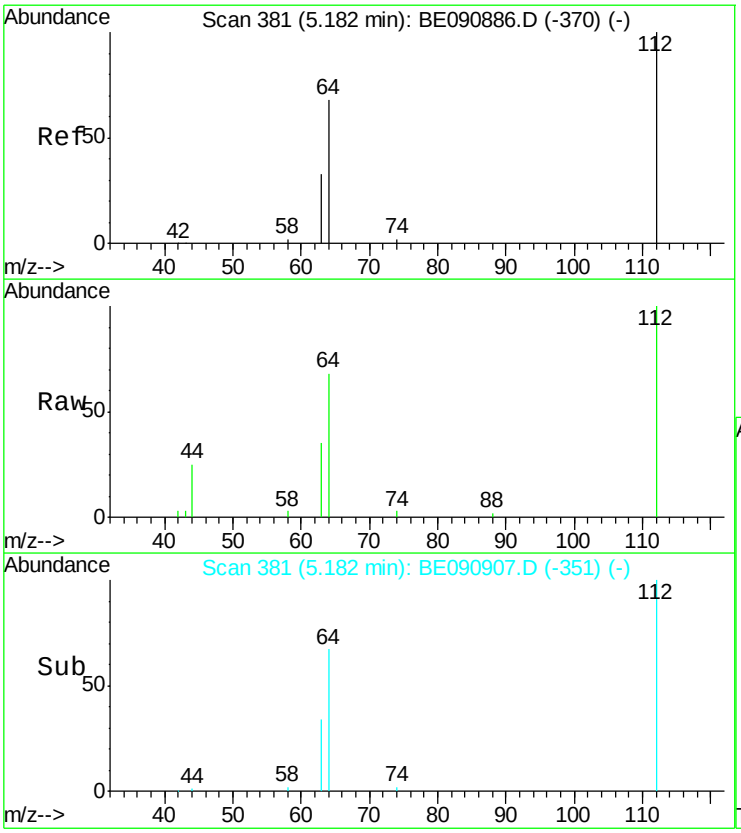
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion: 42 Resp: 11

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	1300.0	10.0	15.0#

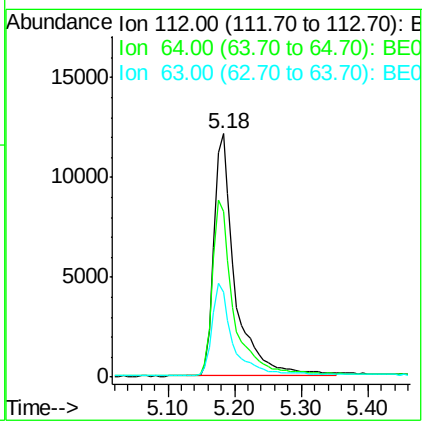


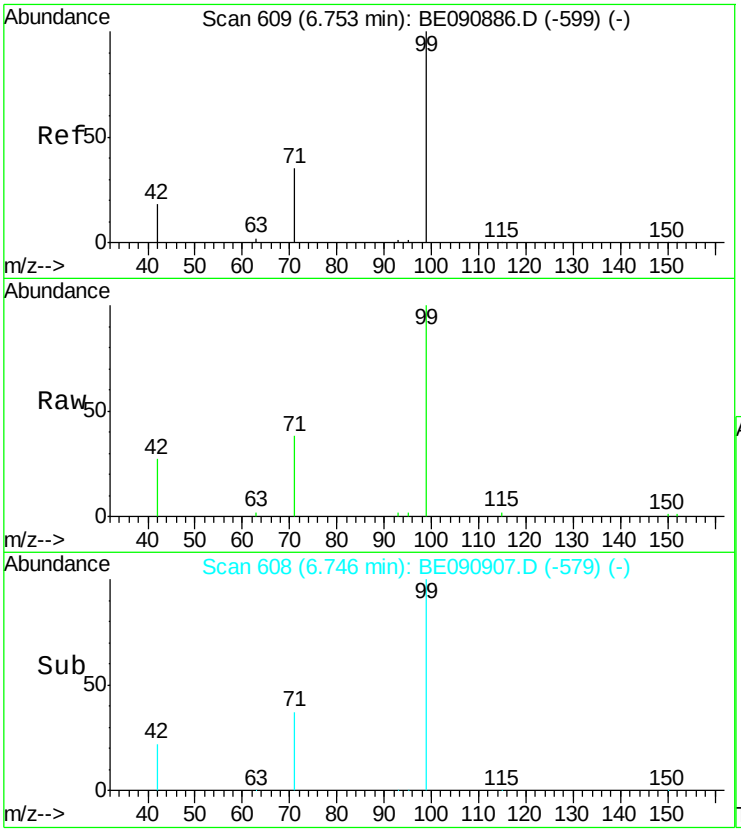


#4
2-Fluorophenol
Concen: 4.20 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:112 Resp: 26618

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.3	85.9
63	36.9	29.2	43.8



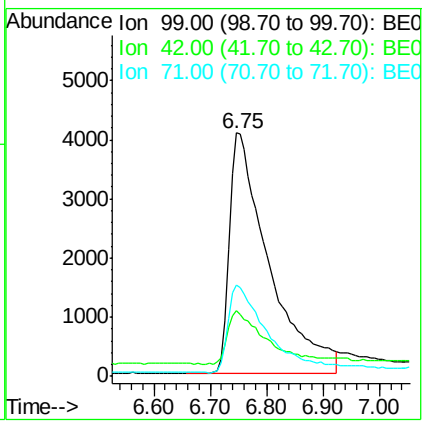


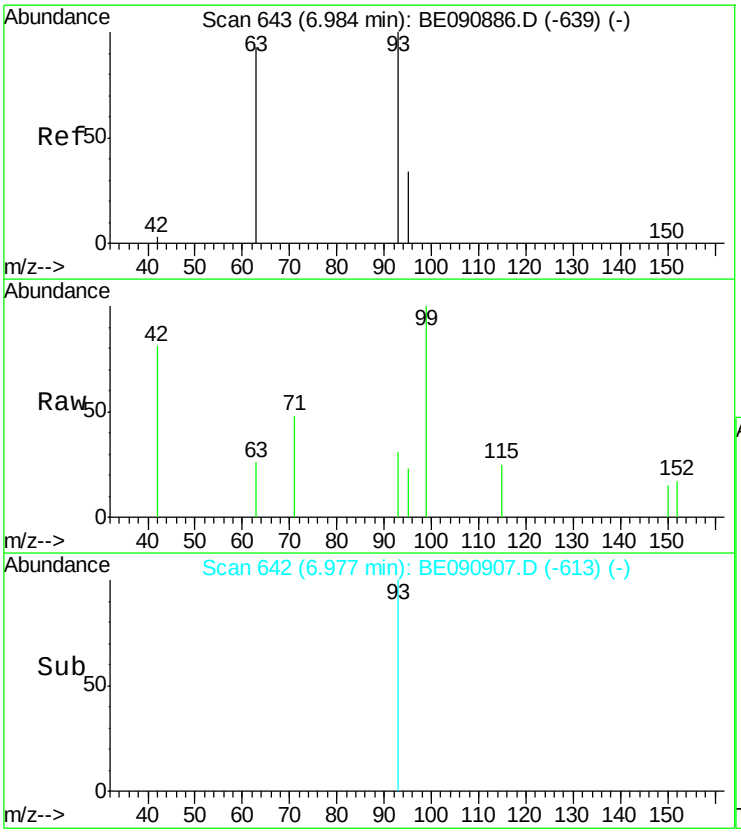
#5
Phenol-d6
Concen: 2.24 ng
RT: 6.75 min Scan# 608
Delta R.T. -0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion: 99 Resp: 19627

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.8	25.2
71	36.7	28.3	42.5

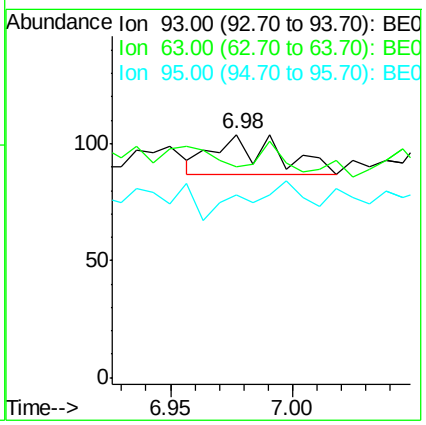


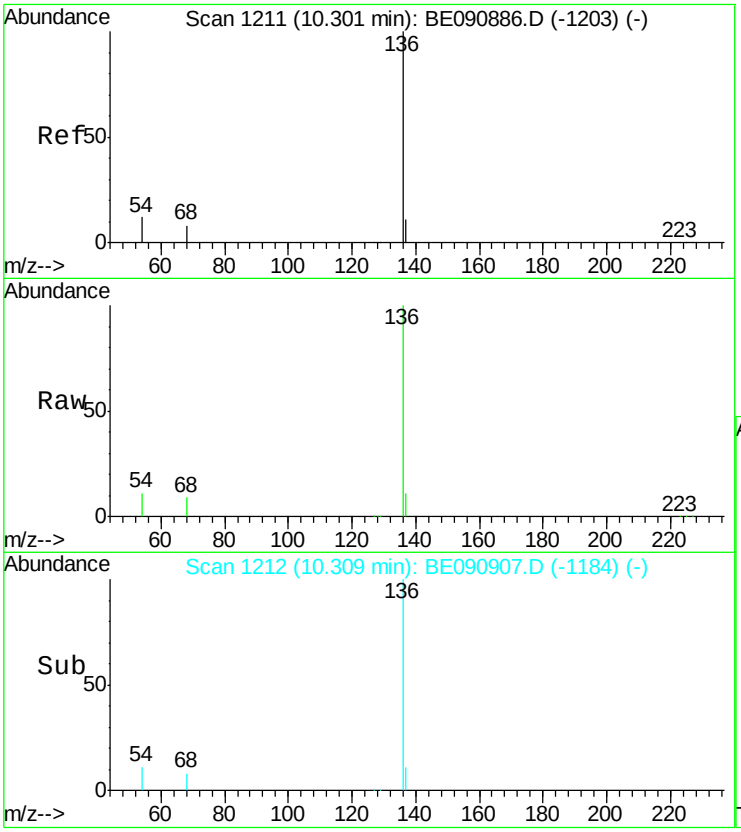


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 6.98 min Scan# 642
Delta R.T. -0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion: 93 Resp: 30

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



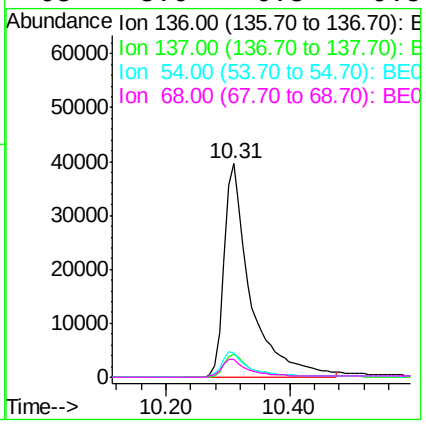


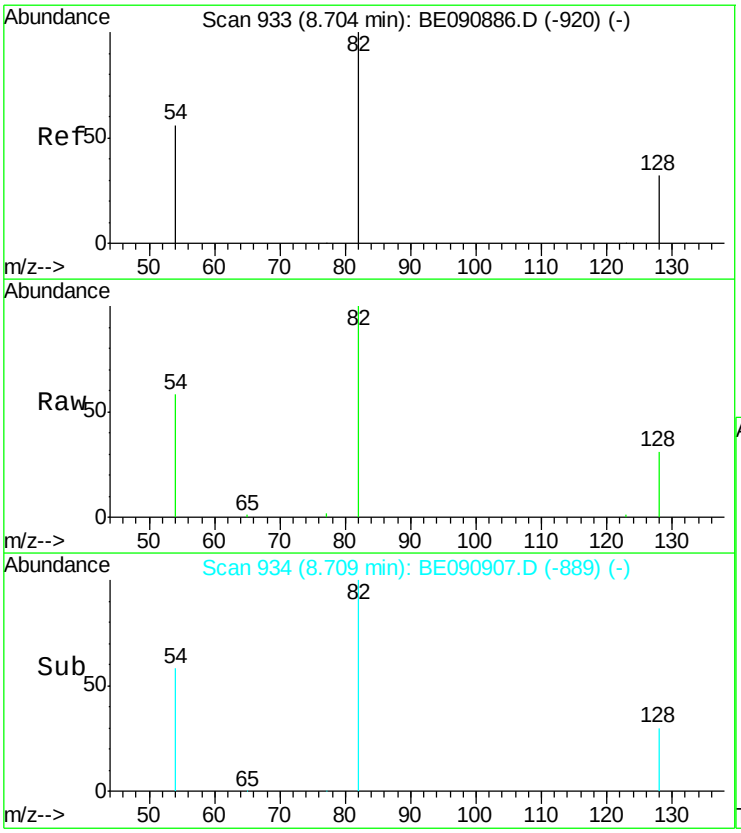
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:136 Resp: 116147

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.4	9.0	13.6
68	8.6	6.3	9.5

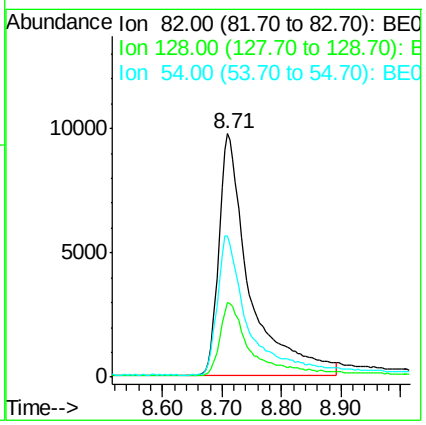


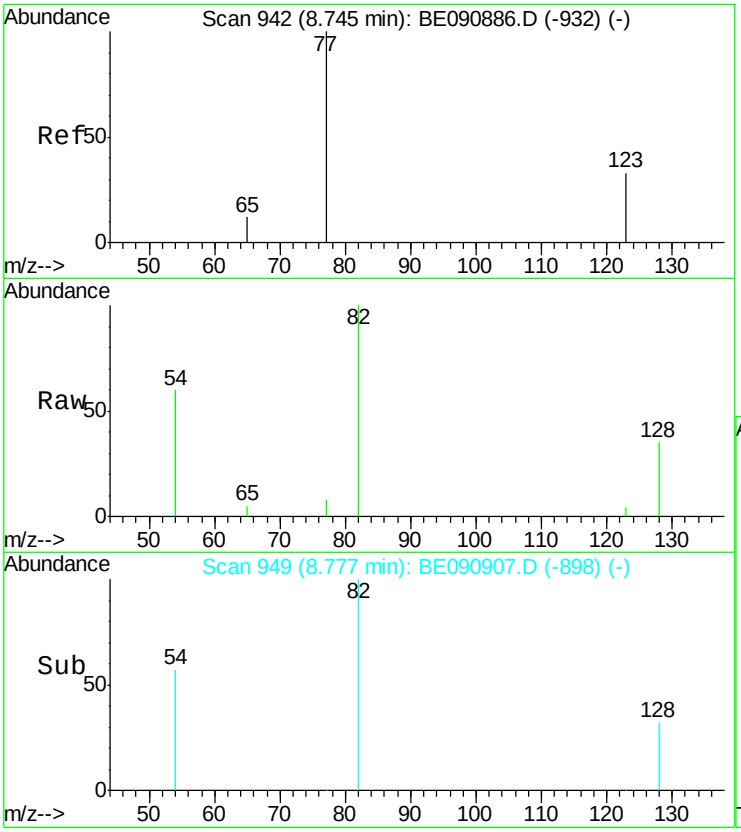


#8
Nitrobenzene-d5
Concen: 4.35 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion: 82 Resp: 34796

Ion	Ratio	Lower	Upper
82	100		
128	30.8	25.0	37.4
54	57.9	46.3	69.5



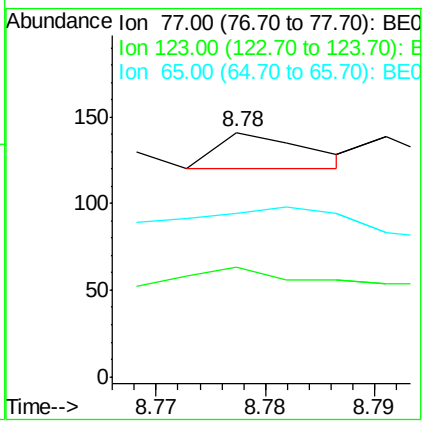


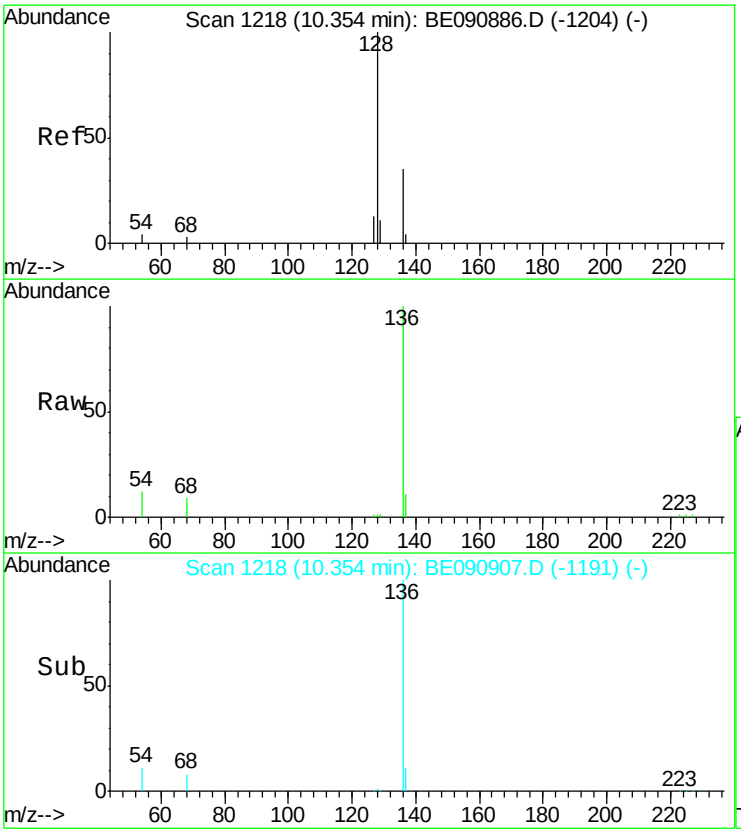
#9
Nitrobenzene
Concen: 0.00 ng
RT: 8.78 min Scan# 949
Delta R.T. 0.03 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion: 77 Resp: 12

Ion	Ratio	Lower	Upper
77	100		
123	58.3	25.1	37.7#
65	83.3	9.9	14.9#

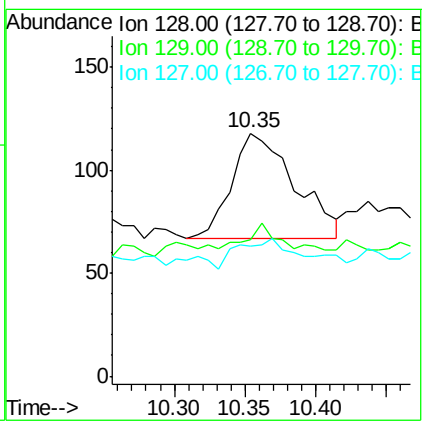


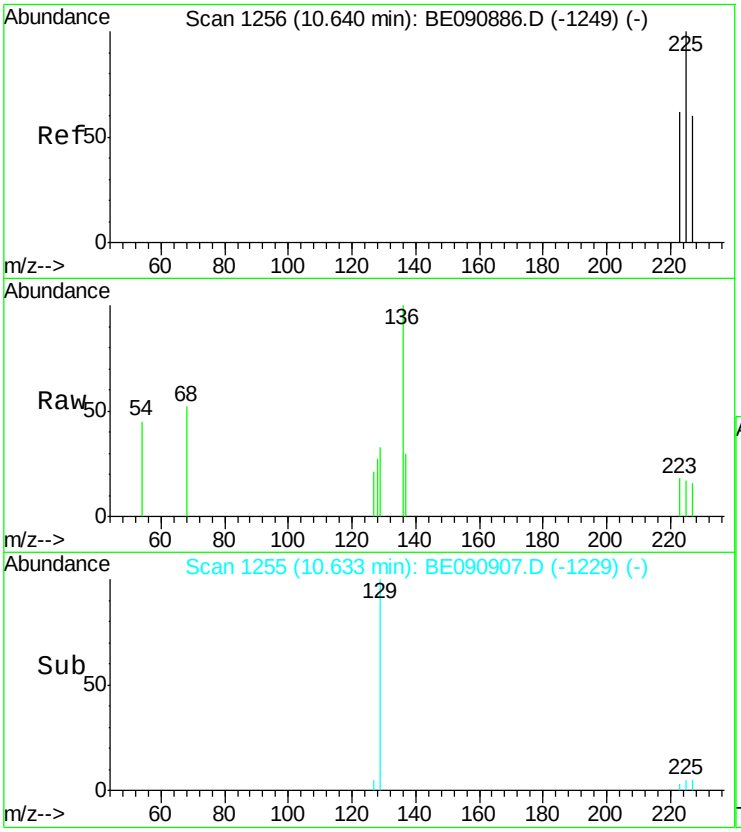


#10
Naphthalene
Concen: Below Cal
RT: 10.35 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:128 Resp: 158

Ion	Ratio	Lower	Upper
128	100		
129	55.9	8.4	12.6#
127	53.4	9.9	14.9#



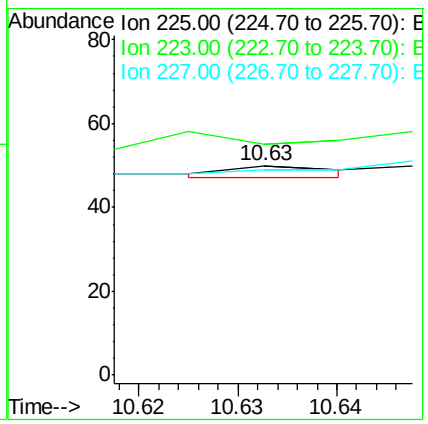


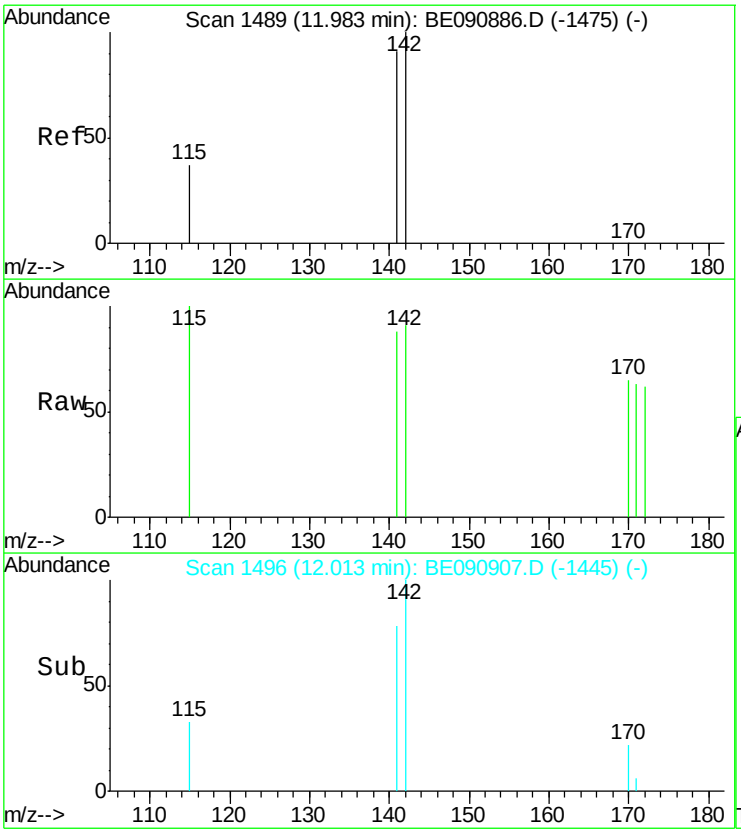
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.63 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	200.0	50.6	76.0#
227	0.0	51.0	76.6#

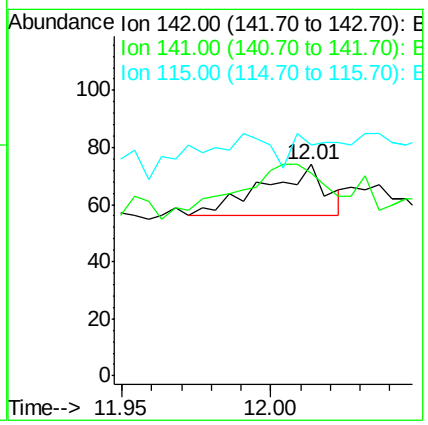


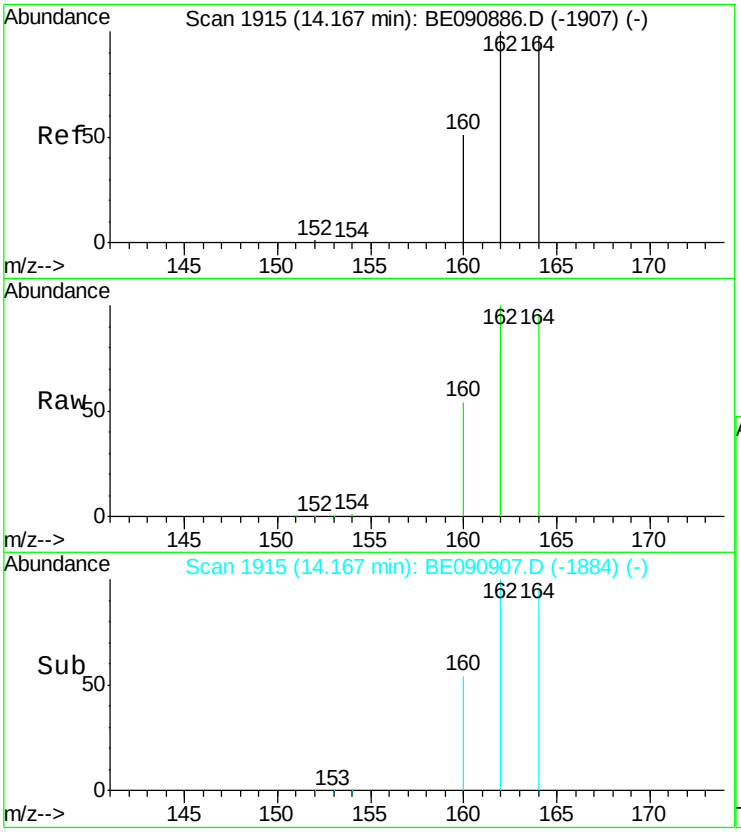


#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.01 min Scan# 1496
Delta R.T. 0.03 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:142 Resp: 27

Ion	Ratio	Lower	Upper
142	100		
141	95.9	71.4	107.2
115	109.5	31.0	46.4#



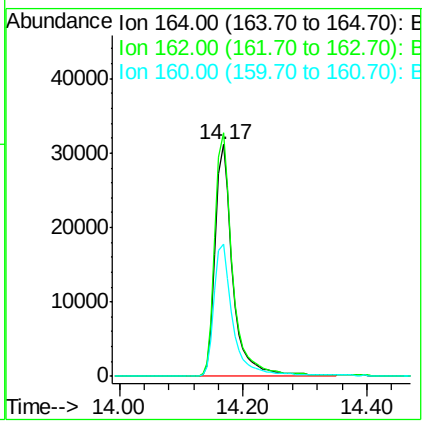


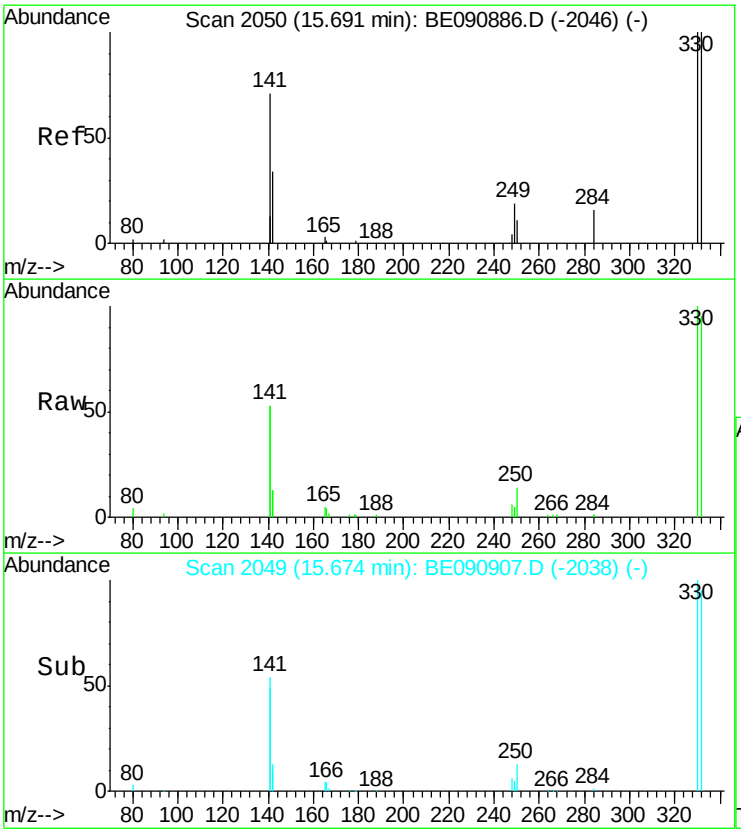
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:164 Resp: 60721

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.8	130.2
160	56.8	53.9	80.9

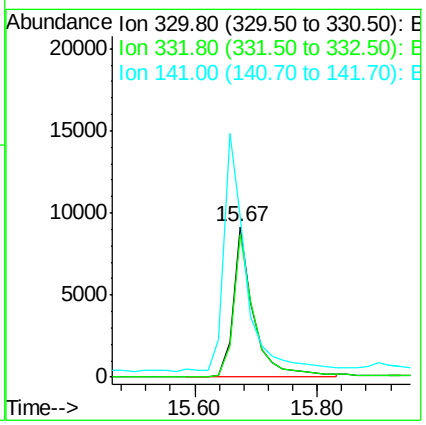


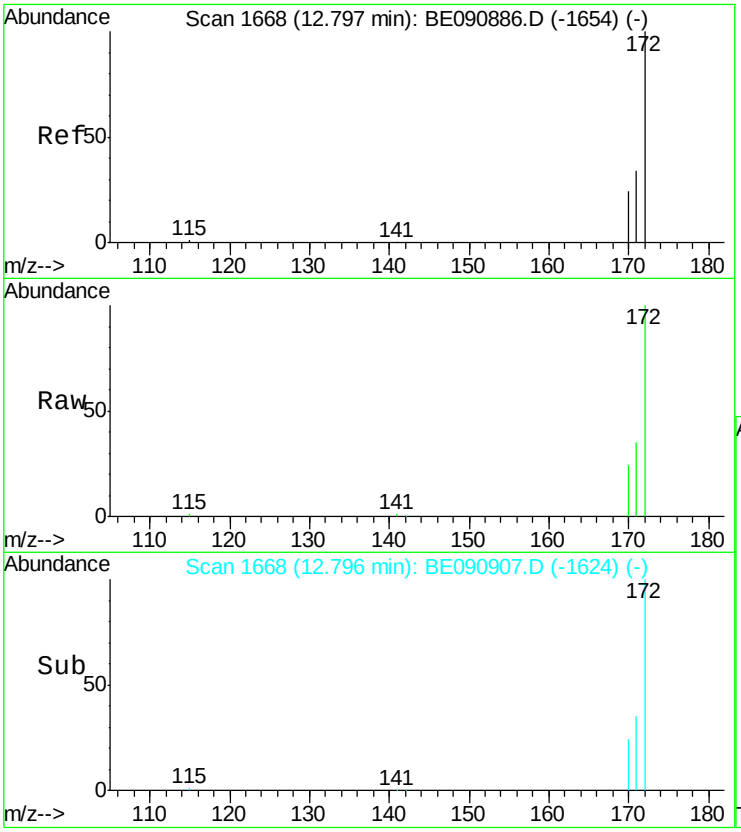


#14
2,4,6-Tribromophenol
Concen: 9.63 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:330 Resp: 20647

Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.9	112.3
141	173.5	145.2	217.8



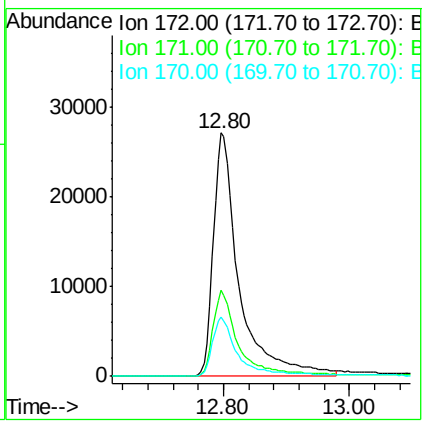


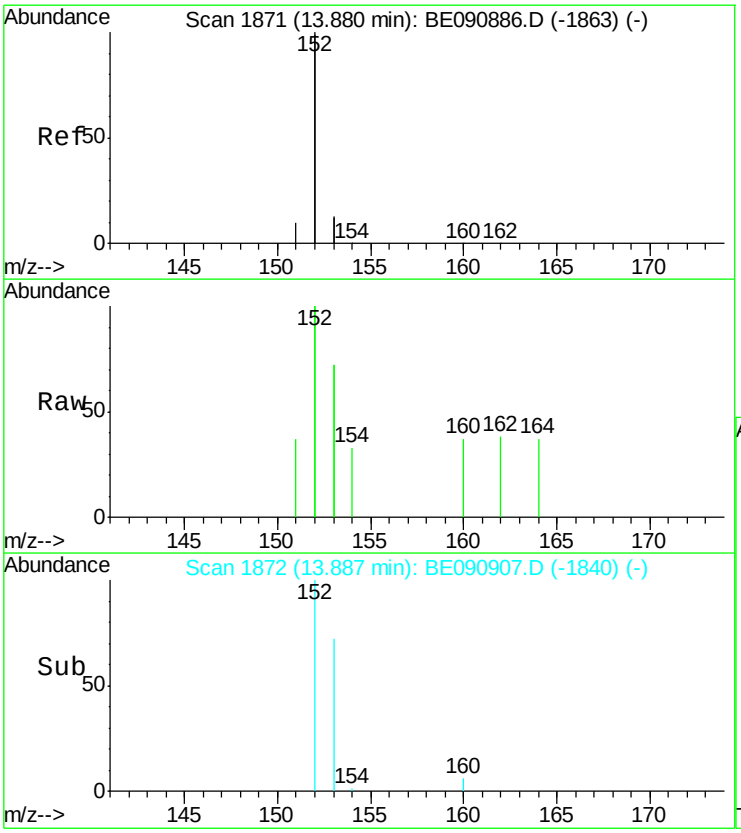
#15
2-Fluorobiphenyl
Concen: 4.44 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:172 Resp: 76391

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.4	19.8	29.6

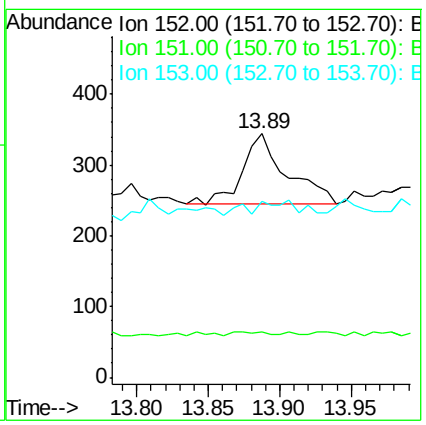


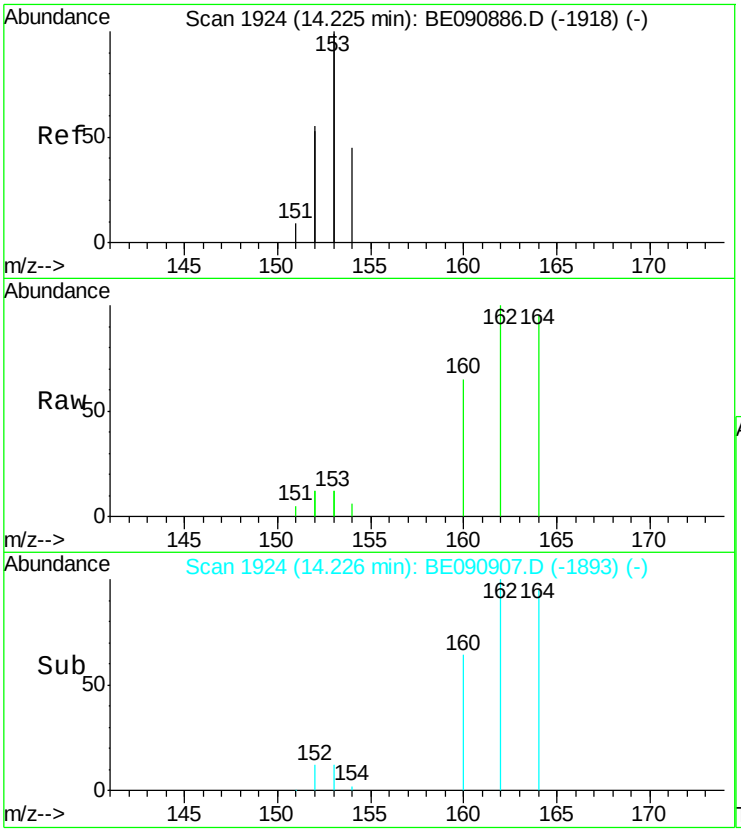


#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:152 Resp: 208

Ion	Ratio	Lower	Upper
152	100		
151	3.8	3.9	5.9#
153	6.3	10.3	15.5#



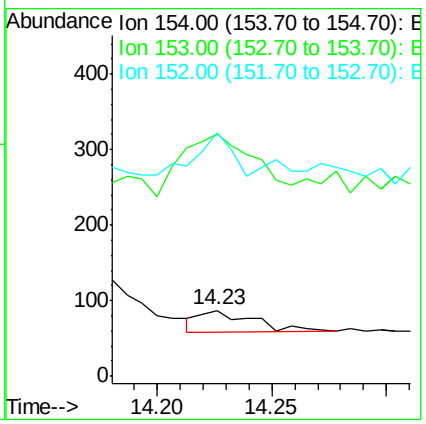


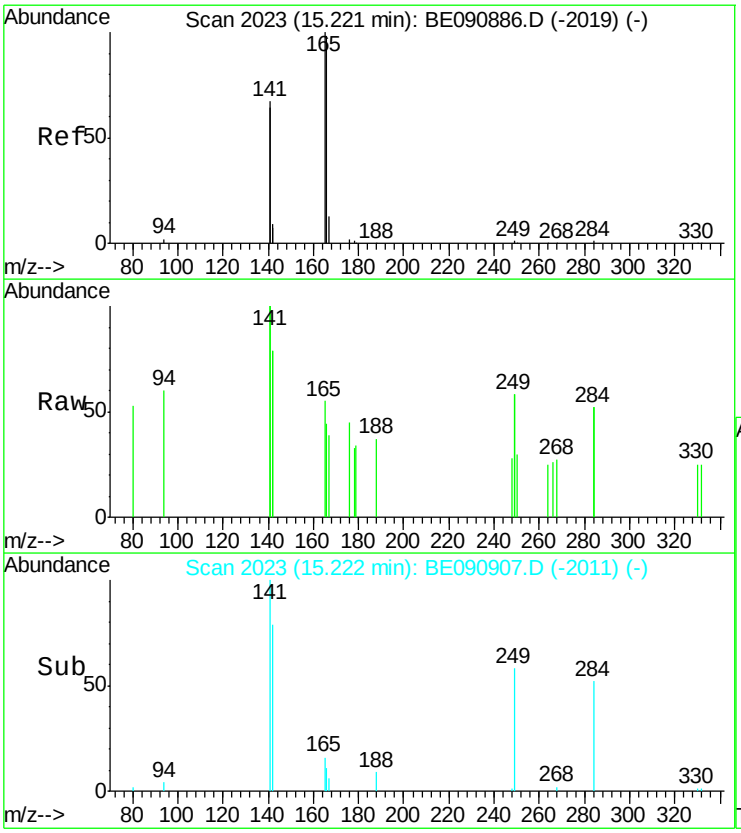
#17
Acenaphthene
Concen: 0.00 ng
RT: 14.23 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:154 Resp: 49

Ion	Ratio	Lower	Upper
154	100		
153	371.4	354.5	531.7
152	124.5	227.8	341.6#

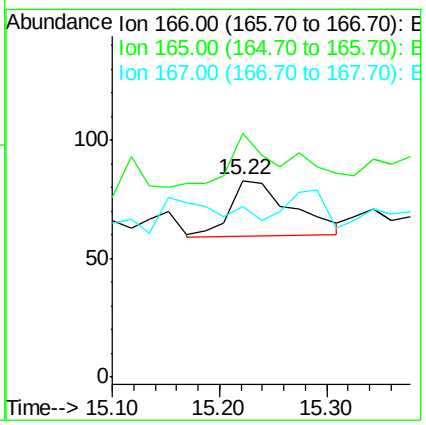


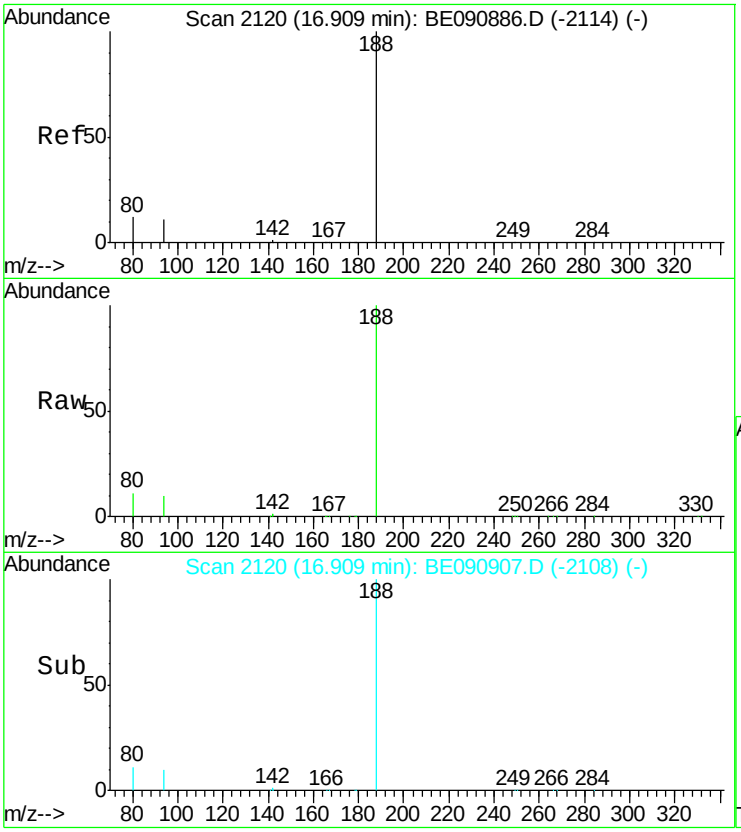


#18
Fluorene
Concen: Below Cal
RT: 15.22 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:166 Resp: 96

Ion	Ratio	Lower	Upper
166	100		
165	103.1	82.7	124.1
167	0.0	10.7	16.1#



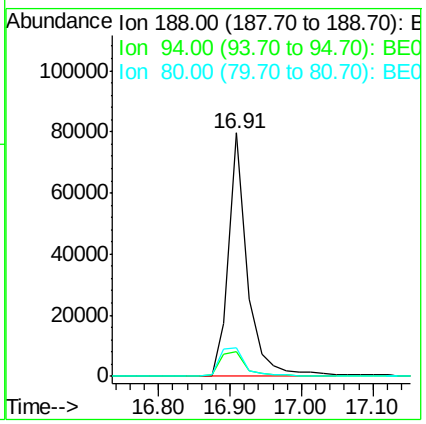


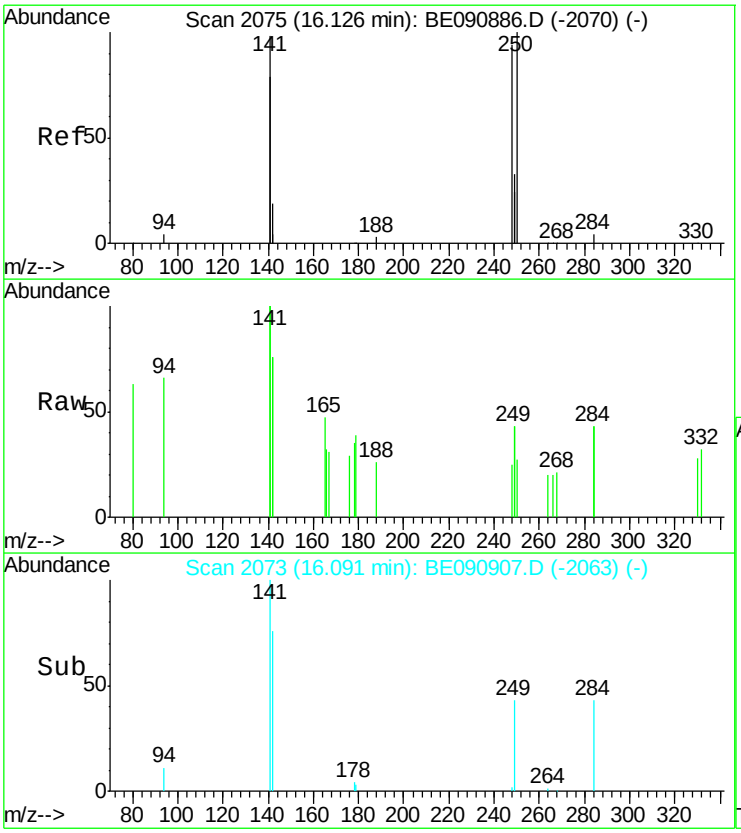
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:188 Resp: 144789

Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.3	15.5#
80	11.5	11.0	16.6

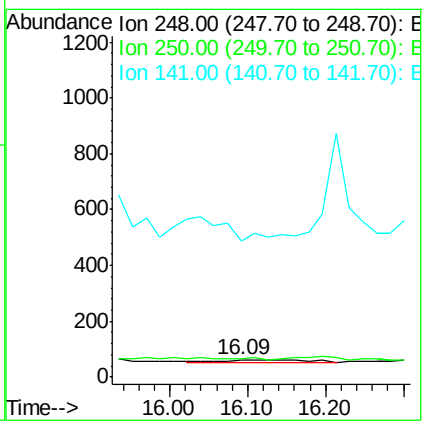


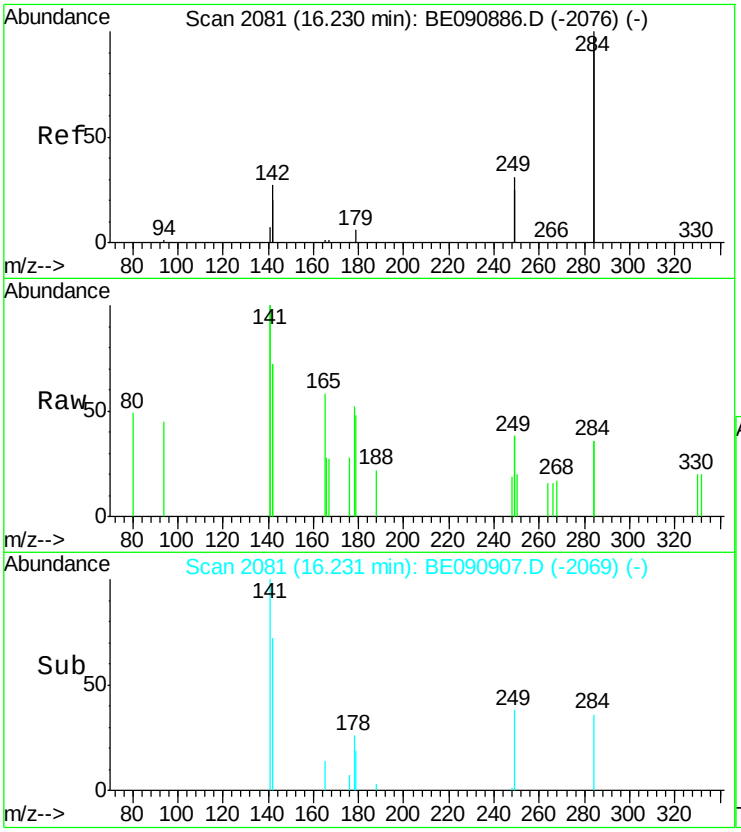


#20
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.09 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:248 Resp: 50

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



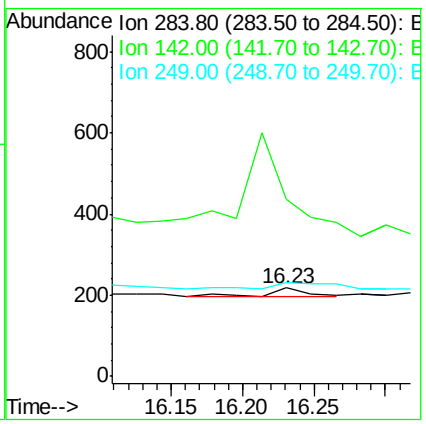


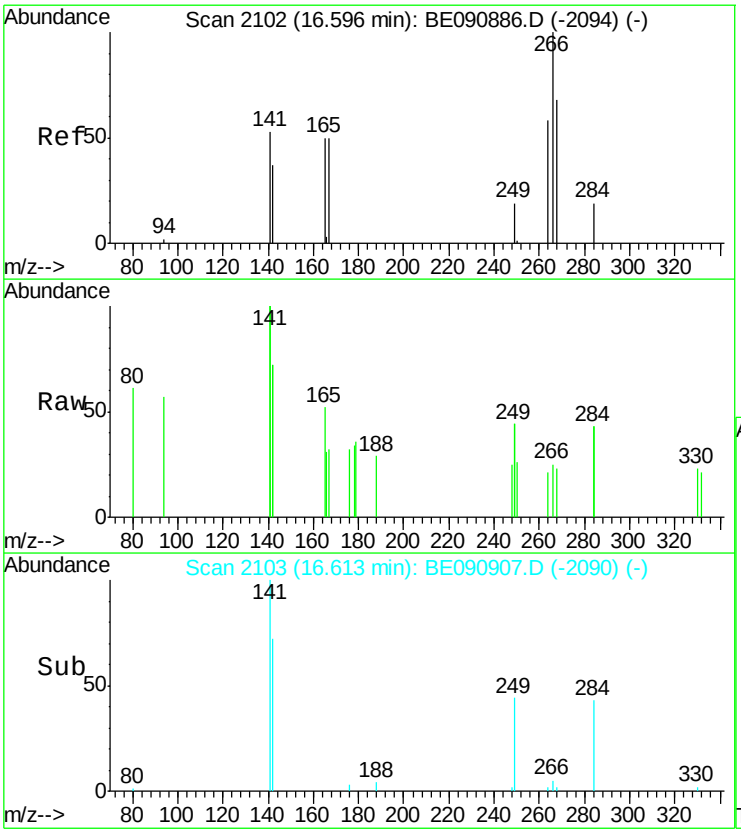
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:284 Resp: 50

Ion	Ratio	Lower	Upper
284	100		
142	1266.0	35.0	52.4#
249	106.0	25.5	38.3#

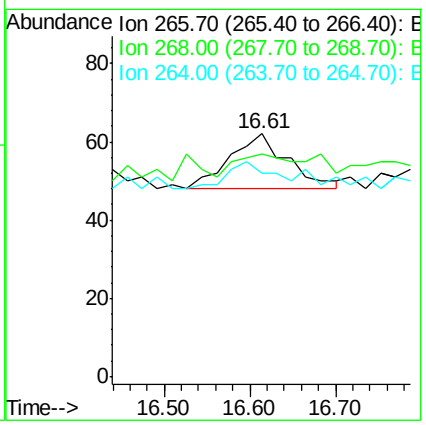


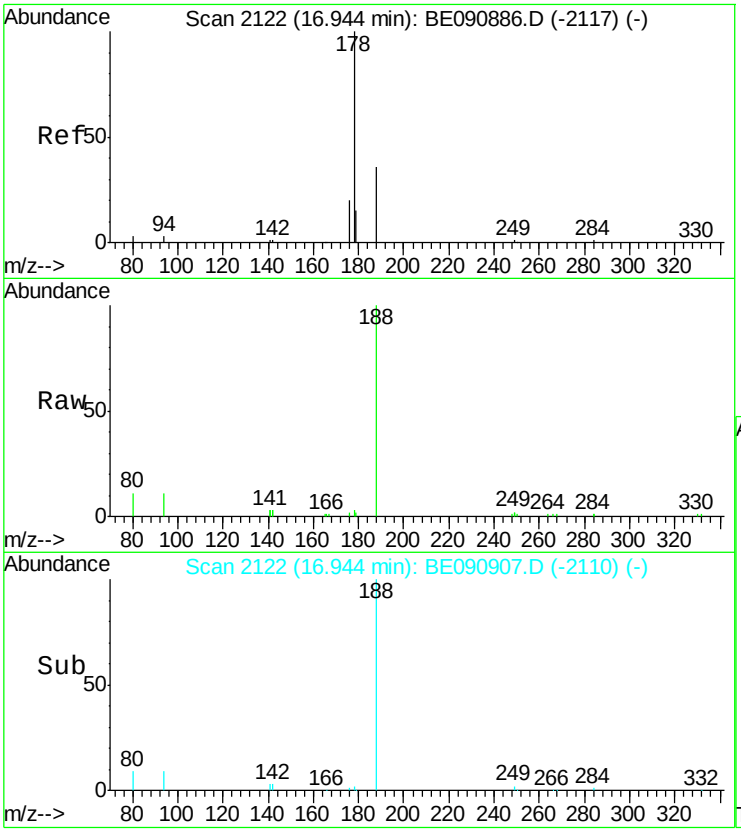


#22
Pentachlorophenol
Concen: 0.20 ng
RT: 16.61 min Scan# 2103
Delta R.T. 0.02 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
268	91.9	49.6	74.4#
264	83.9	53.9	80.9#



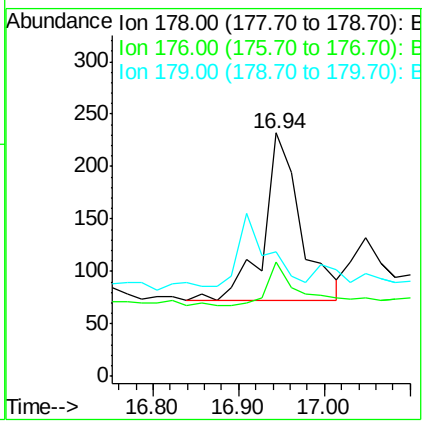


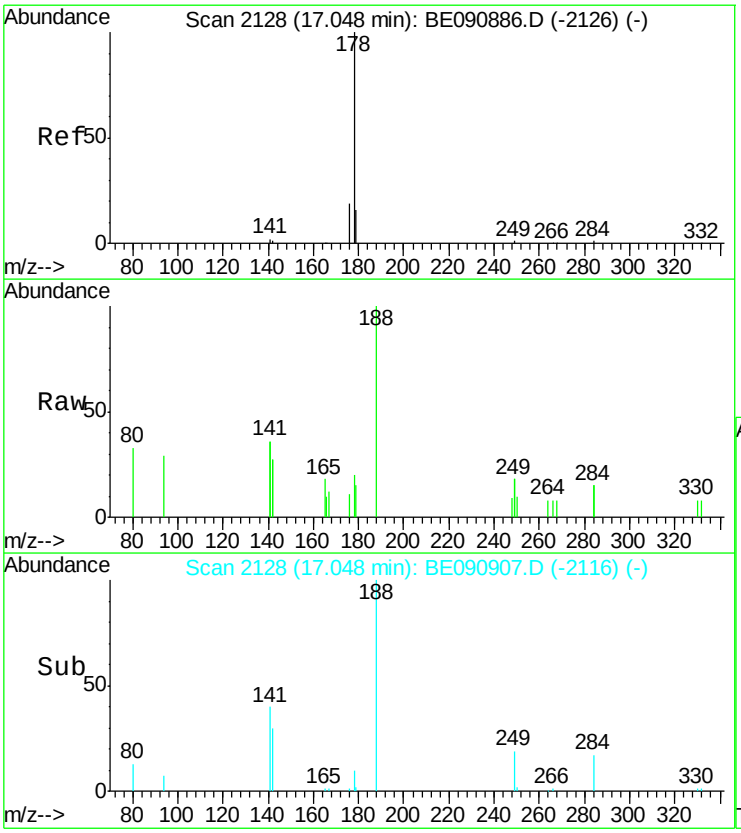
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:178 Resp: 484

Ion	Ratio	Lower	Upper
178	100		
176	25.6	15.6	23.4#
179	0.0	12.8	19.2#

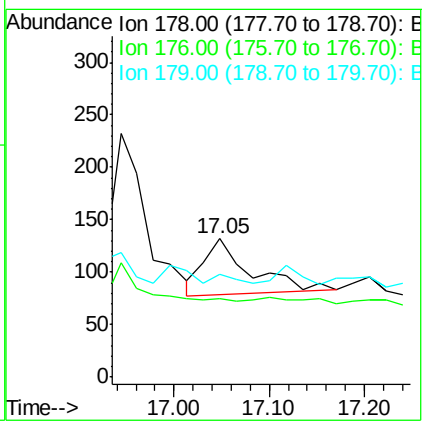


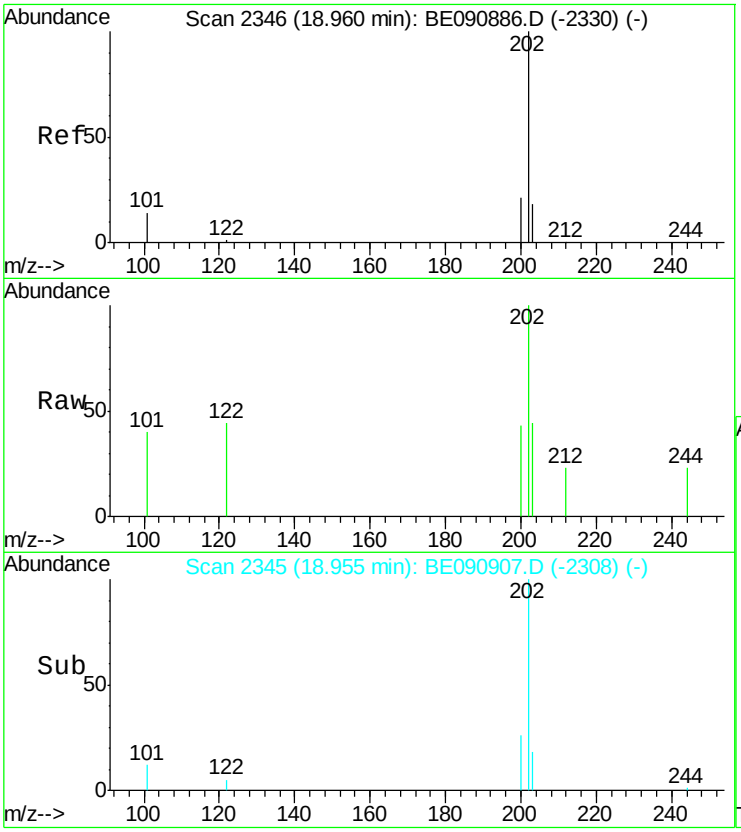


#24
Anthracene
Concen: 0.01 ng
RT: 17.05 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:178 Resp: 183

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



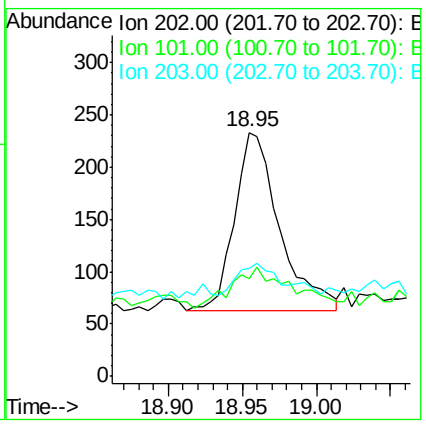


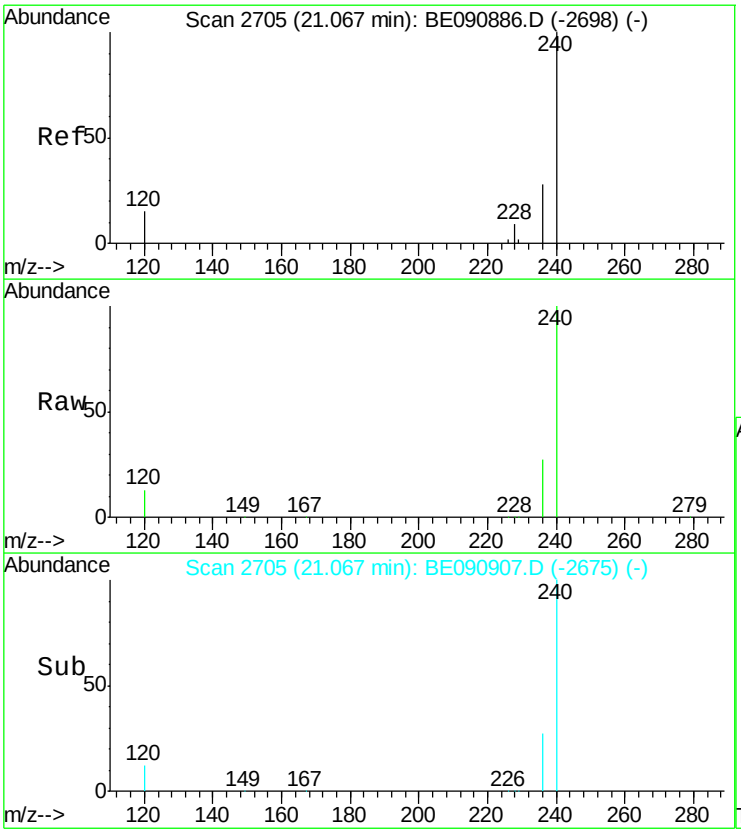
#25
Fluoranthene
Concen: 0.01 ng
RT: 18.95 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:202 Resp: 358

Ion	Ratio	Lower	Upper
202	100		
101	31.3	11.0	16.6#
203	14.2	13.9	20.9

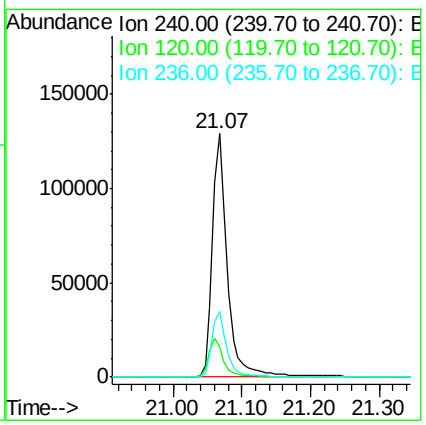


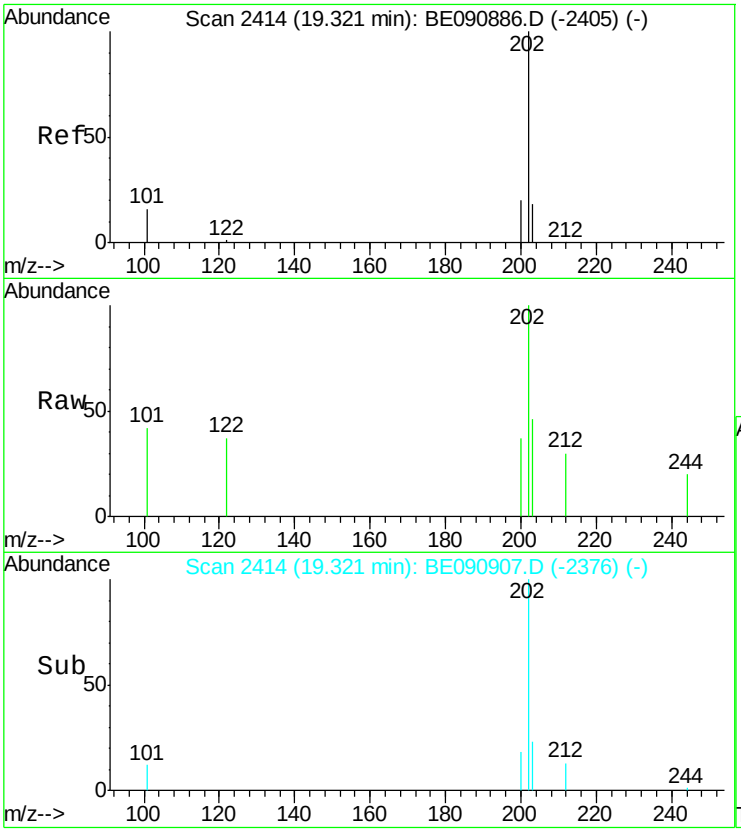


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:240 Resp: 195458

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.1	15.1
236	27.0	21.9	32.9



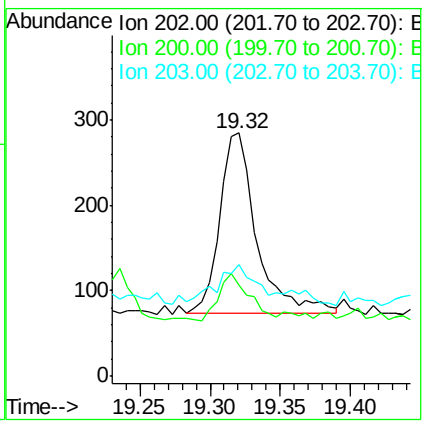


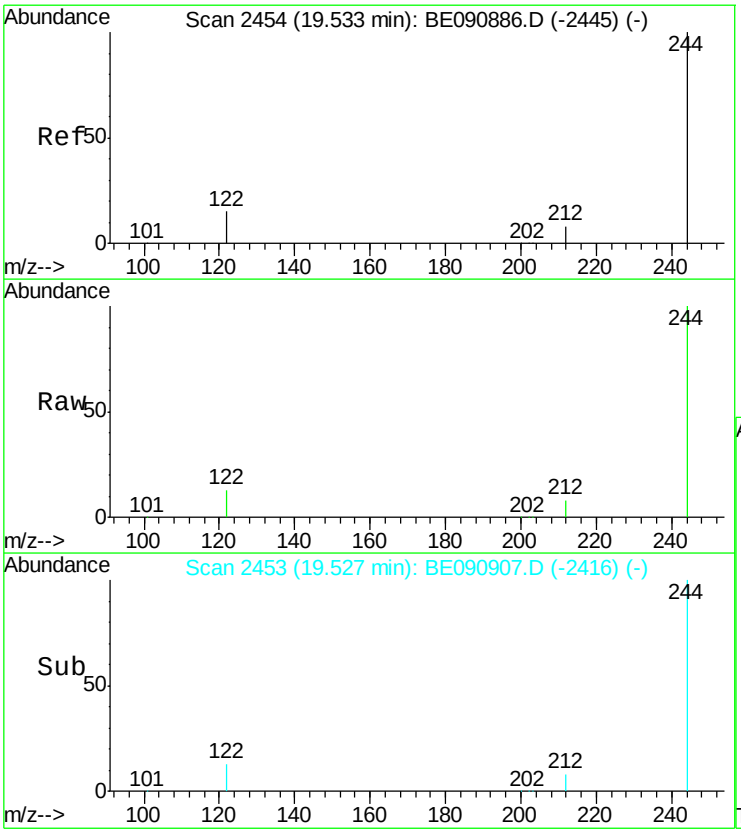
#27
Pyrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:202 Resp: 381

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	26.0	13.8	20.6#

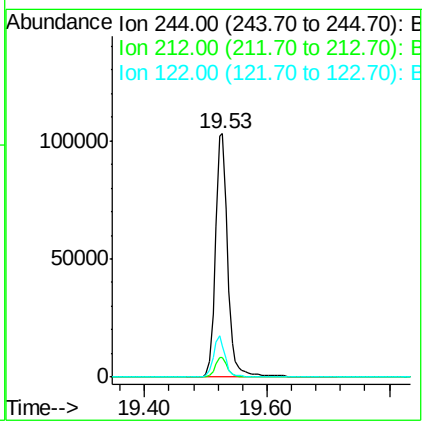


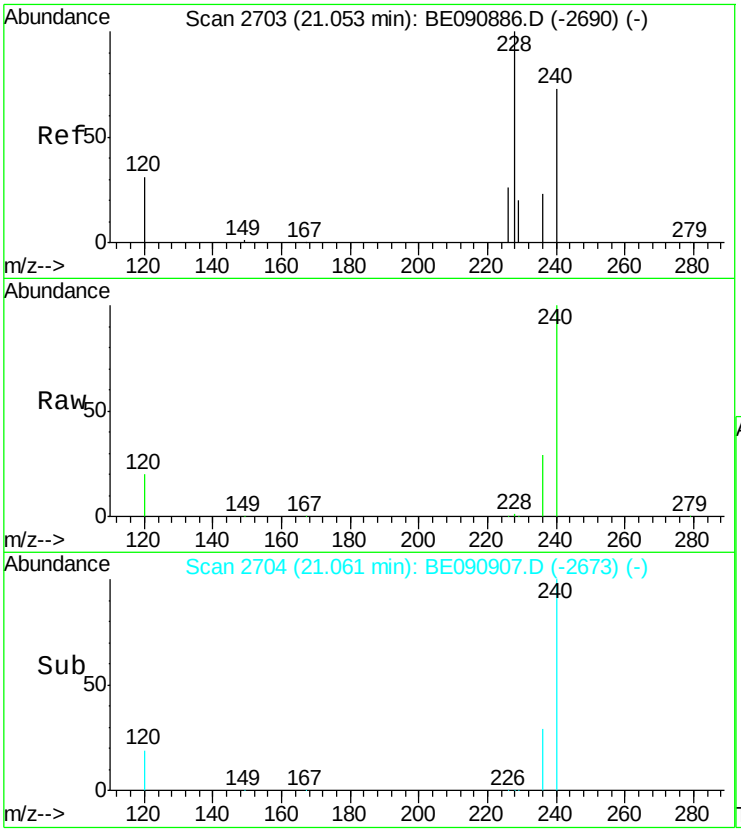


#28
Terphenyl-d14
Concen: 6.58 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:244 Resp: 144899

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	12.8	12.9	19.3#



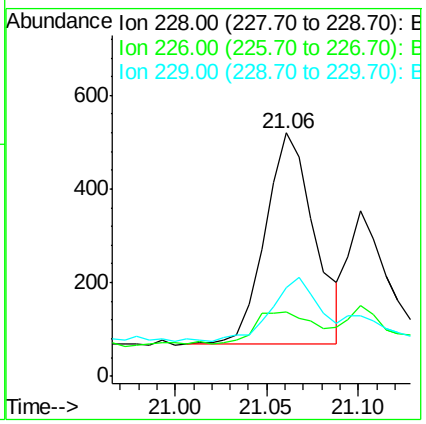


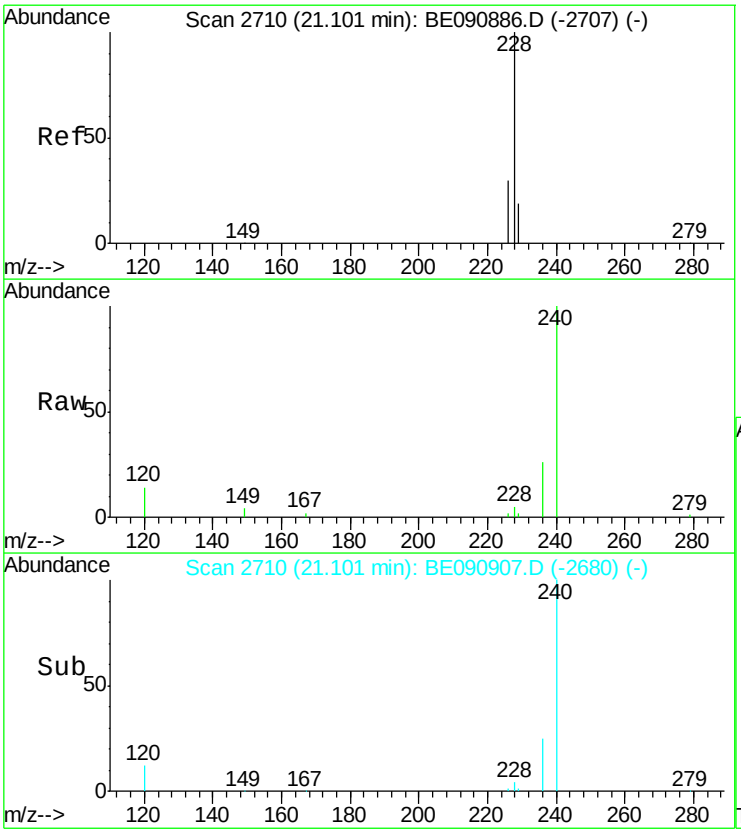
#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.06 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:228 Resp: 845

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.6	32.4
229	36.2	15.9	23.9#

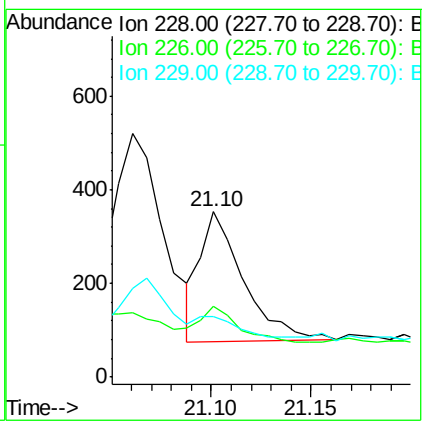


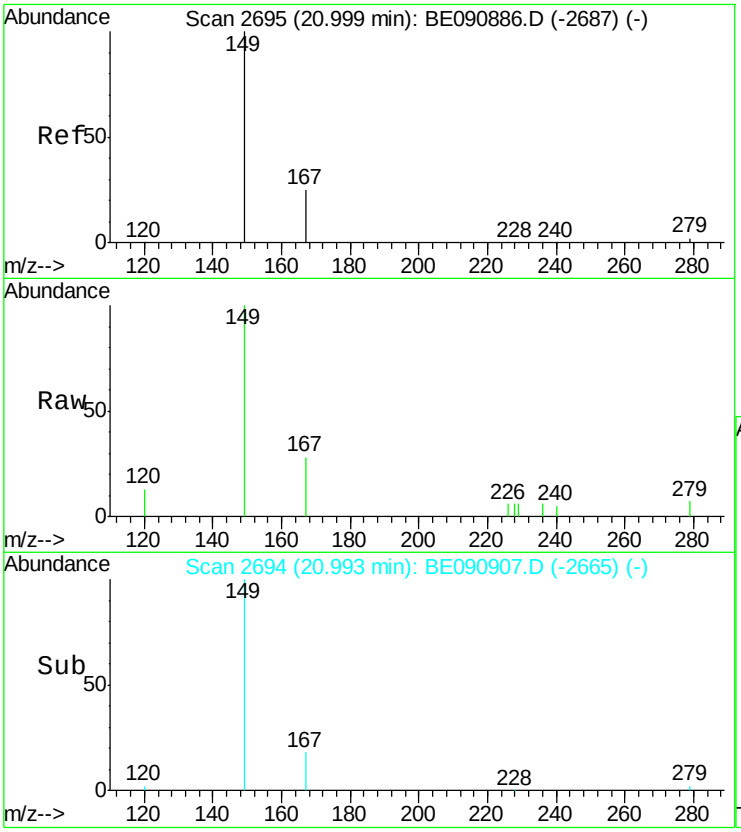


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:228 Resp: 418

Ion	Ratio	Lower	Upper
228	100		
226	42.5	24.2	36.4#
229	36.3	15.3	22.9#



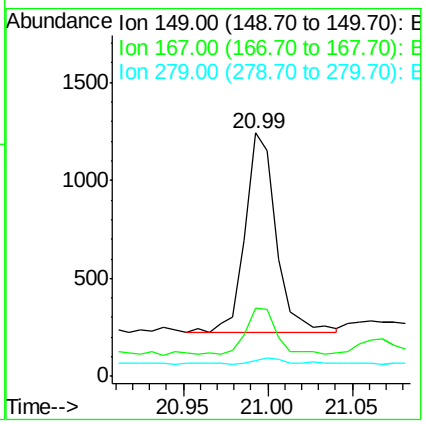


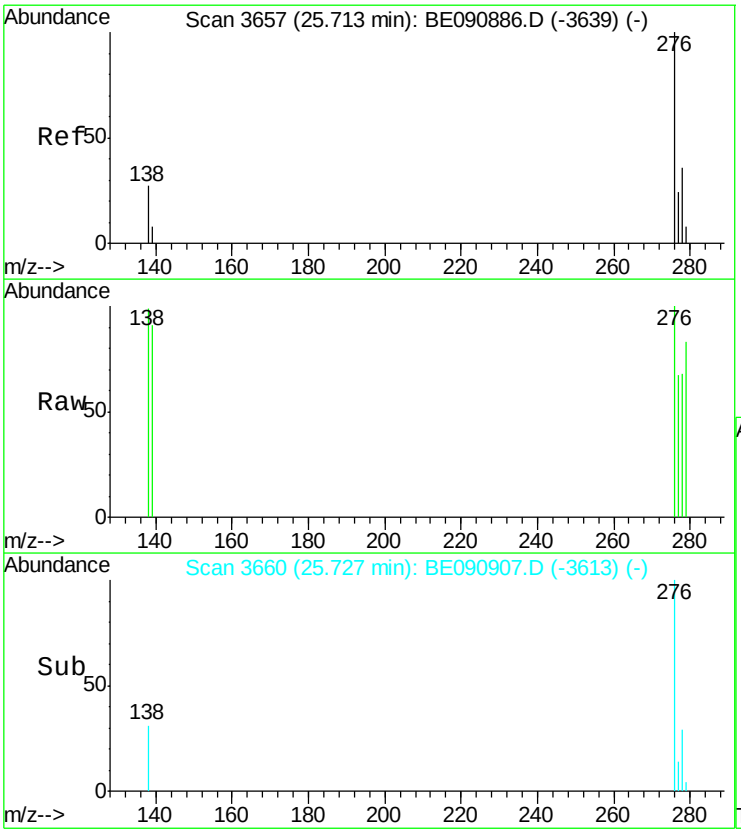
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 20.99 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:149 Resp: 1300

Ion	Ratio	Lower	Upper
149	100		
167	22.4	20.1	30.1
279	2.8	2.3	3.5

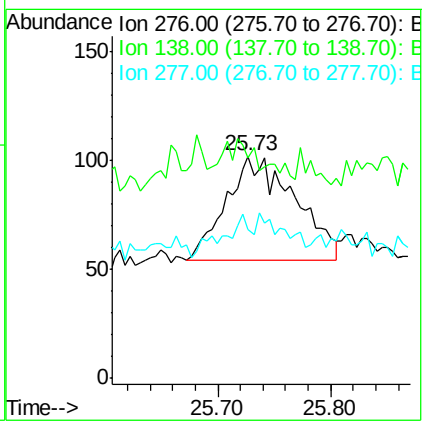


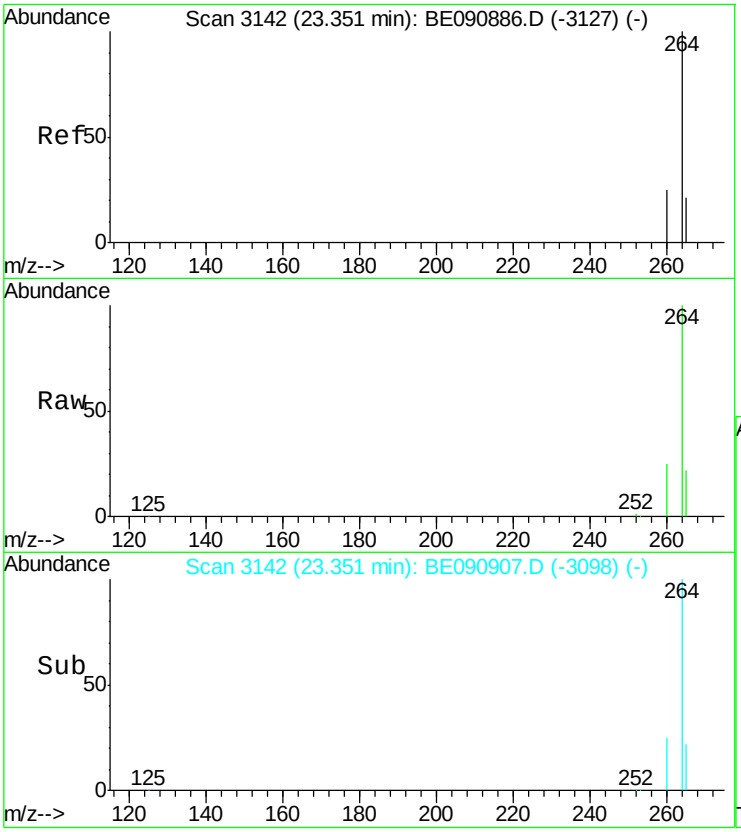


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.73 min Scan# 3660
Delta R.T. 0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:276 Resp: 201

Ion	Ratio	Lower	Upper
276	100		
138	3.0	23.3	34.9#
277	8.5	19.8	29.6#



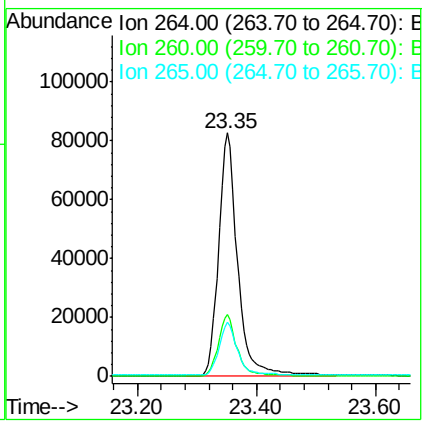


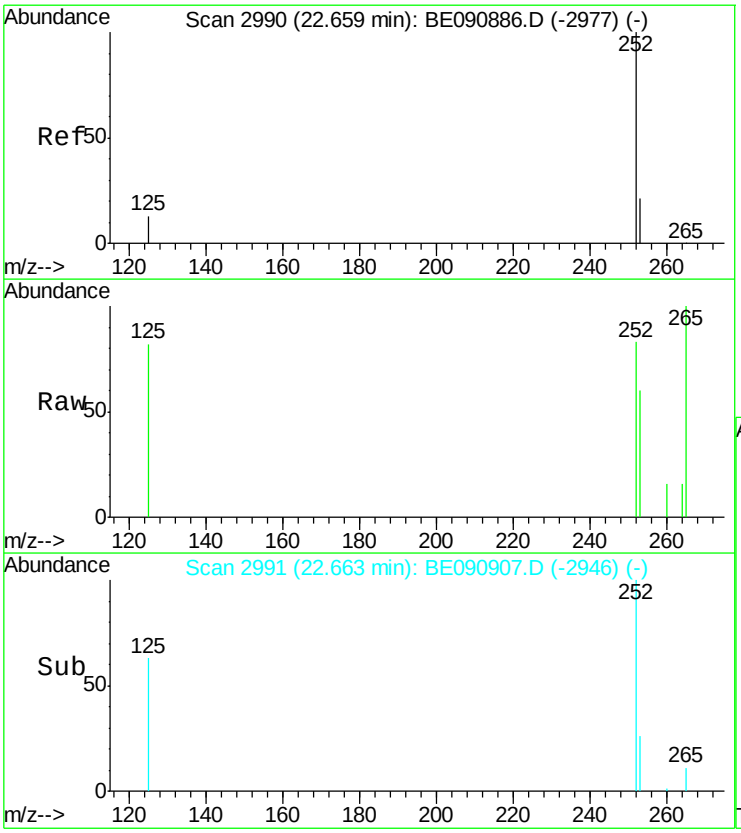
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:264 Resp: 185265

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.2	17.5	26.3

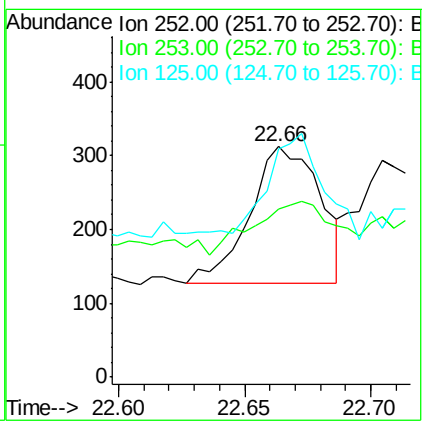


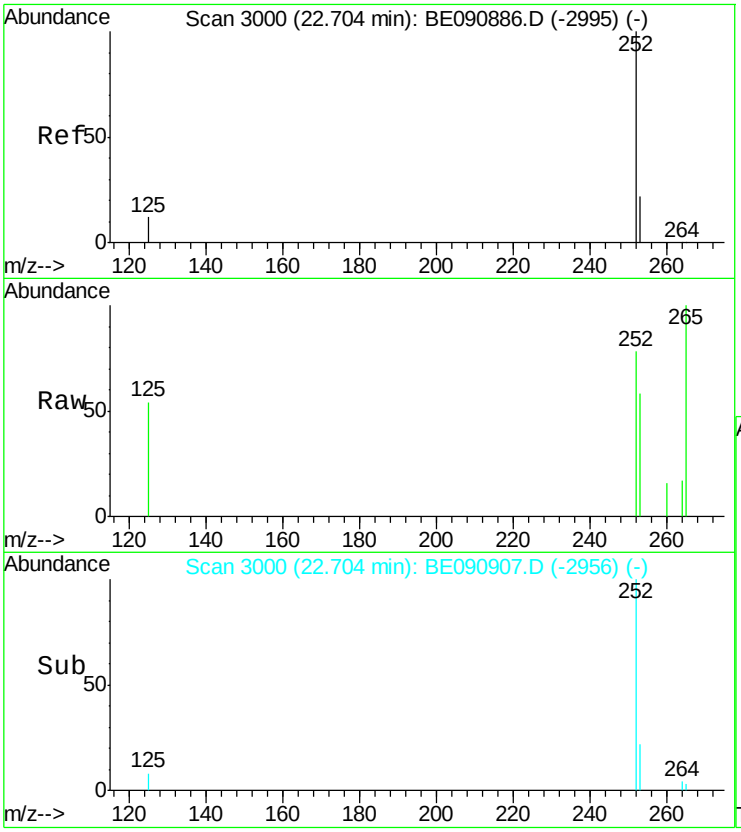


#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.66 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:252 Resp: 356

Ion	Ratio	Lower	Upper
252	100		
253	73.1	17.9	26.9#
125	99.0	10.6	16.0#



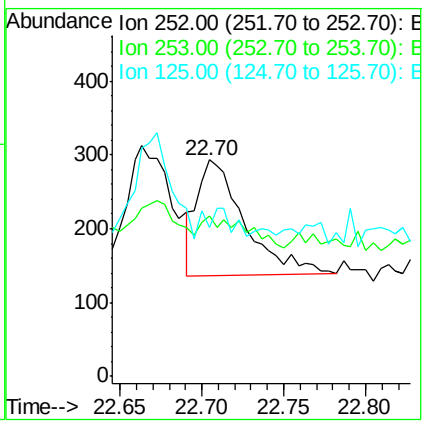


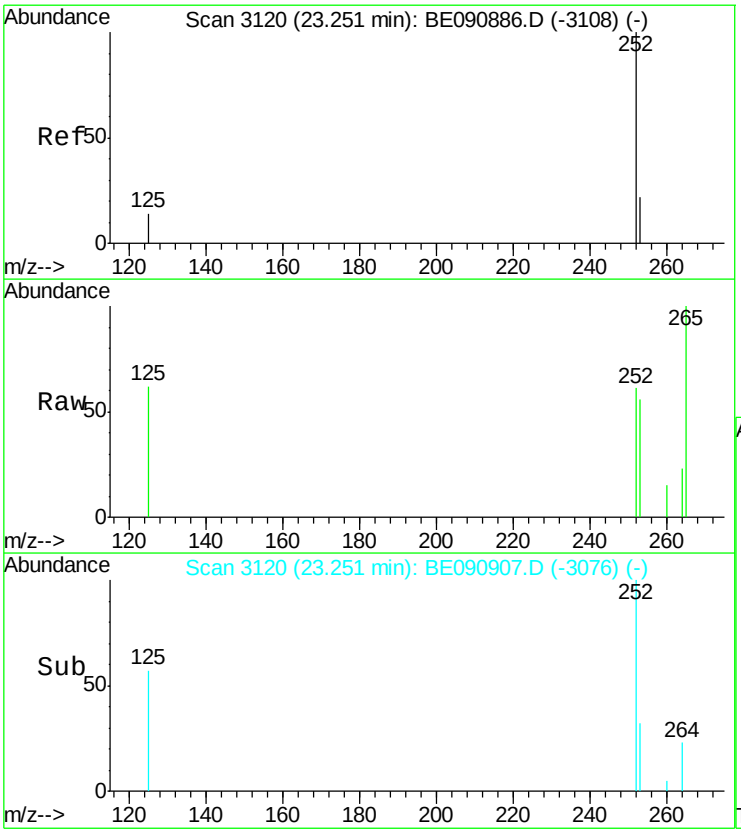
#35
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.70 min Scan# 3000
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:252 Resp: 316

Ion	Ratio	Lower	Upper
252	100		
253	74.1	17.9	26.9#
125	68.9	10.1	15.1#

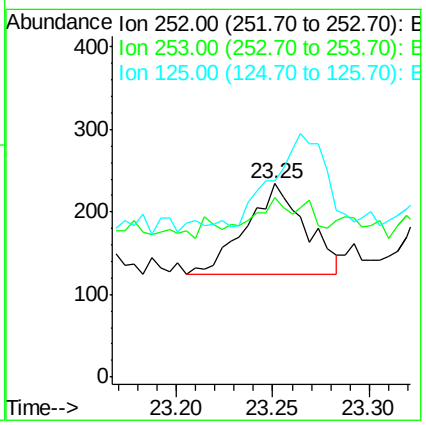


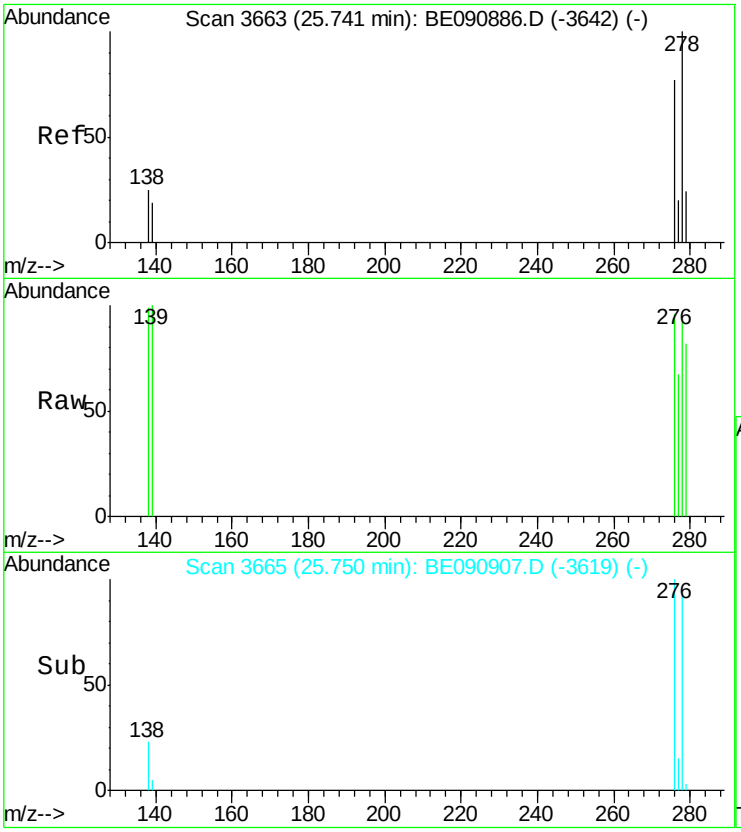


#36
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.25 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:252 Resp: 233

Ion	Ratio	Lower	Upper
252	100		
253	92.7	17.2	25.8#
125	101.7	18.0	27.0#



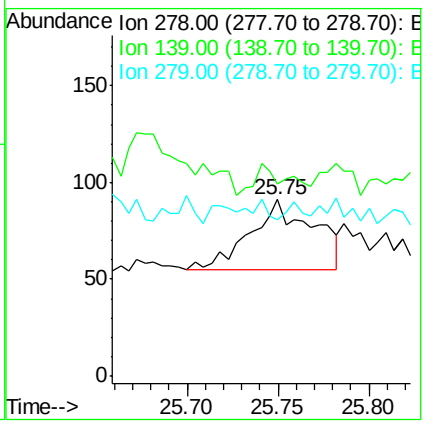


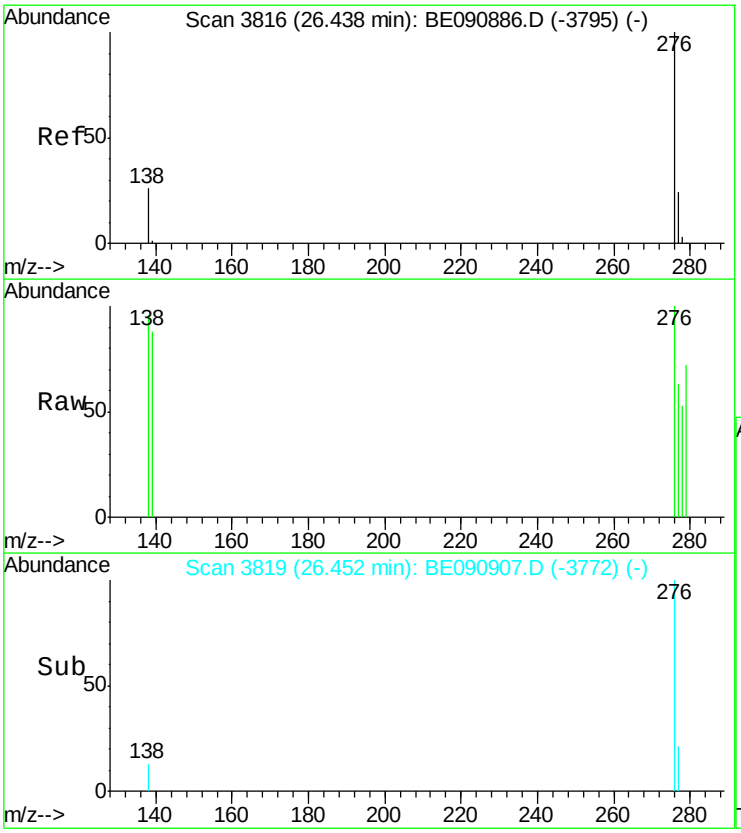
#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.75 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

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

Tgt Ion:278 Resp: 87

Ion	Ratio	Lower	Upper
278	100		
139	108.8	15.4	23.0#
279	89.0	18.8	28.2#





#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.45 min Scan# 3819
Delta R.T. 0.01 min
Lab File: BE090907.D
Acq: 19 Sep 2015 11:43

Tgt Ion:276 Resp: 128

Ion	Ratio	Lower	Upper
276	100		
277	62.9	18.5	27.7#
138	96.2	20.1	30.1#