Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090905.D
Acq On : 19 Sep 2015 10:31
Operator : UM/IZ
Sample : G3723-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 21 02:34:37 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	27272	5.00	ng		0.00
7) Naphthalene-d8	10.31	136	116673	5.00	ng		0.00
13) Acenaphthene-d10	14.16	164	63993	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	154143	5.00	ng		0.00
26) Chrysene-d12	21.07	240	206505	5.00	ng		0.00
33) Perylene-d12	23.35	264	199466	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	24923	4.06	ng		0.00
5) Phenol-d6	6.75	99	18325	2.16	ng		0.00
8) Nitrobenzene-d5	8.71	82	35166	4.37	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	20487	9.07	ng		-0.02
15) 2-Fluorobiphenyl	12.79	172	77455	4.27	ng		0.00
28) Terphenyl-d14	19.52	244	143814	6.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	59	Below Cal		#	38
3) n-Nitrosodimethylamine	3.44	42	46	Below Cal		#	24
6) bis(2-Chloroethyl)ether	6.96	93	26	Below Cal			87
9) Nitrobenzene	8.75	77	14	0.00	ng	#	37
10) Naphthalene	10.36	128	167	Below Cal		#	1
11) Hexachlorobutadiene	10.63	225	4	Below Cal		#	18
12) 2-Methylnaphthalene	12.00	142	36	0.00	ng	#	51
16) Acenaphthylene	13.88	152	158	0.00	ng	#	44
17) Acenaphthene	14.16	154	310	0.02	ng	#	1
18) Fluorene	15.24	166	119	Below Cal		#	43
20) 4-Bromophenyl-phenylether	16.13	248	25	0.00	ng	#	1
21) Hexachlorobenzene	16.23	284	54	Below Cal		#	1
22) Pentachlorophenol	16.60	266	18	0.18	ng	#	55
23) Phenanthrene	16.94	178	511	Below Cal		#	78
24) Anthracene	17.05	178	103	0.00	ng	#	74
25) Fluoranthene	18.96	202	374	0.01	ng	#	85
27) Pyrene	19.32	202	386	0.01	ng	#	85
29) Benzo(a)anthracene	21.07	228	848	0.02	ng	#	78
30) Chrysene	21.10	228	401	Below Cal		#	68
31) Bis(2-ethylhexyl)phthalate	21.00	149	1299	0.22	ng	#	97
32) Indeno(1,2,3-cd)pyrene	25.73	276	98	0.00	ng	#	84
34) Benzo(b)fluoranthene	22.67	252	333	0.01	ng	#	1
35) Benzo(k)fluoranthene	22.71	252	272	0.01	ng	#	1
36) Benzo(a)pyrene	23.25	252	158	0.00	ng	#	1
37) Dibenzo(a,h)anthracene	25.74	278	25	0.00	ng	#	1
38) Benzo(g,h,i)perylene	26.44	276	93	0.00	ng	#	1

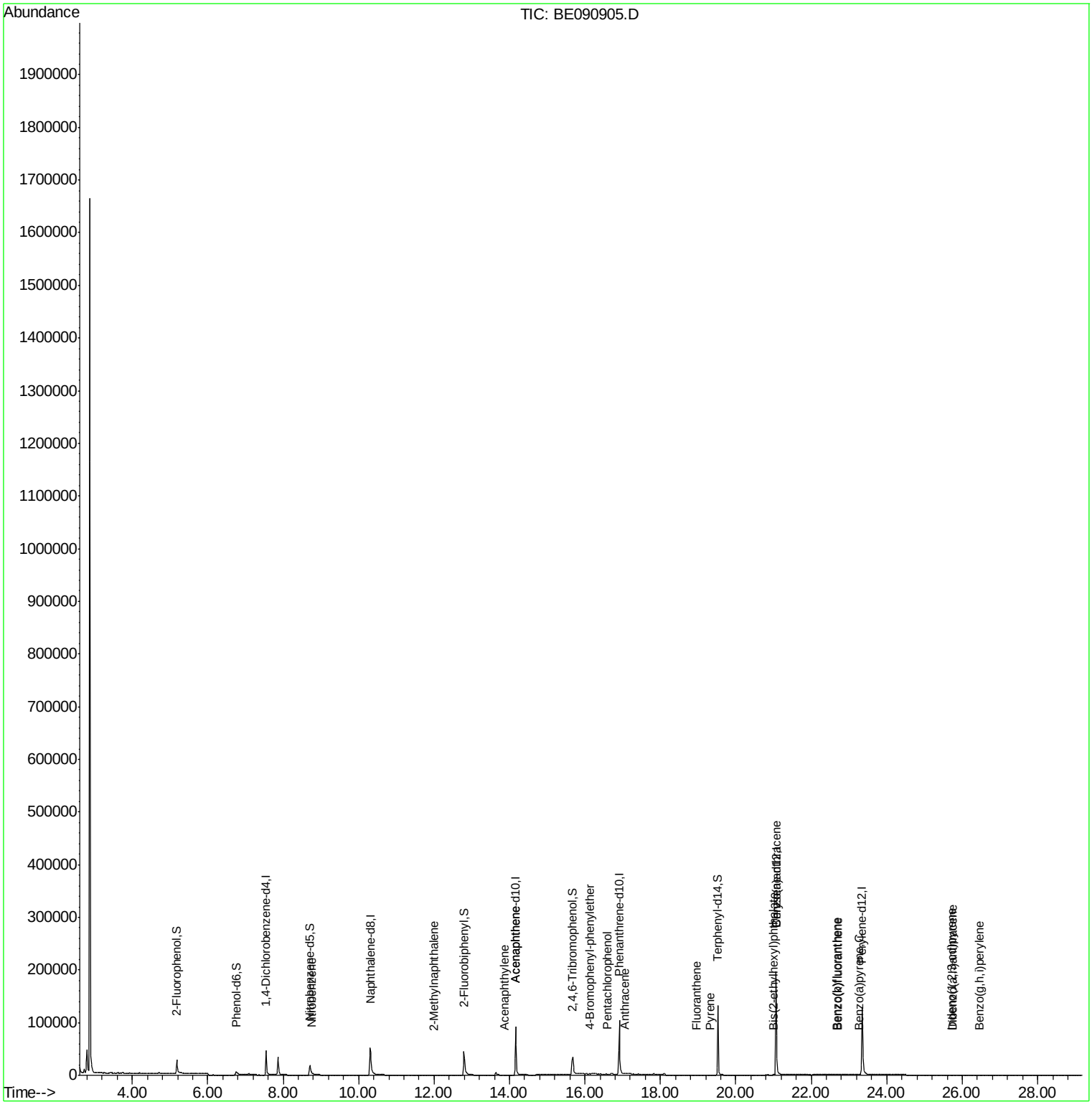
(#) = qualifier out of range (m) = manual integration (+) = signals summed

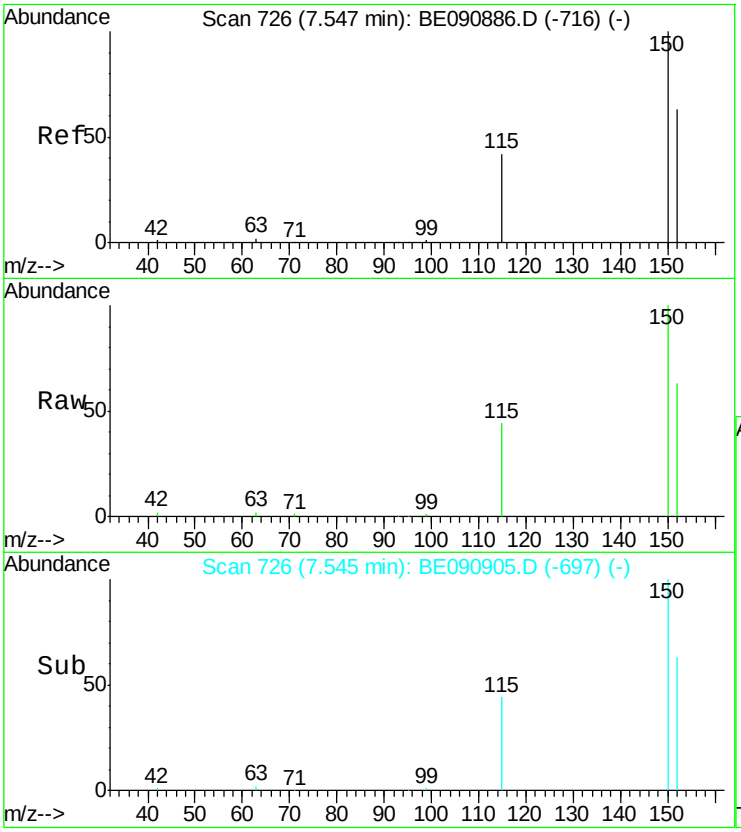
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090905.D
Acq On : 19 Sep 2015 10:31
Operator : UM/IZ
Sample : G3723-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 21 02:34:37 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



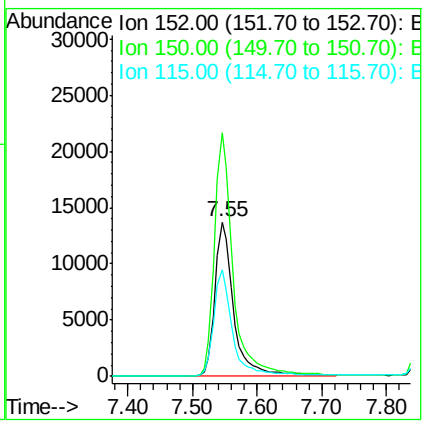


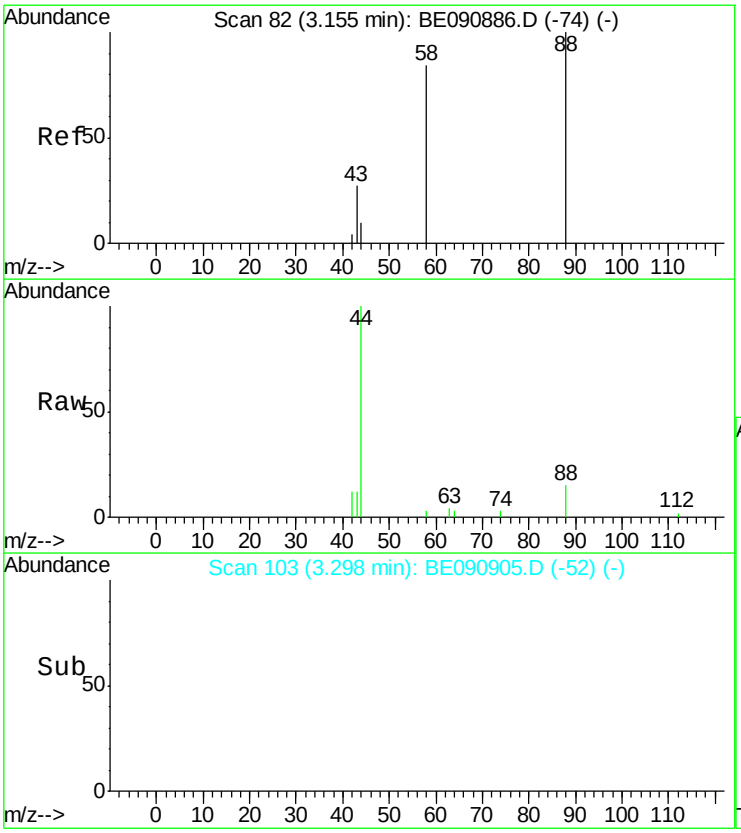
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:152 Resp: 27272

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.2	183.4
115	69.6	51.0	76.4

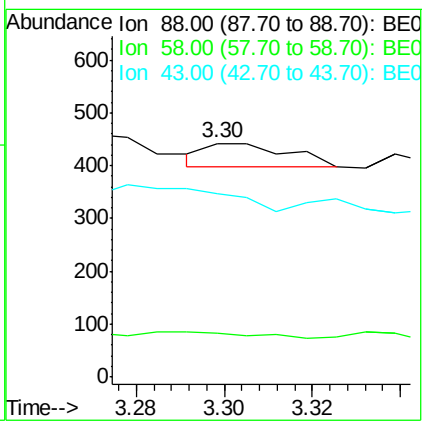


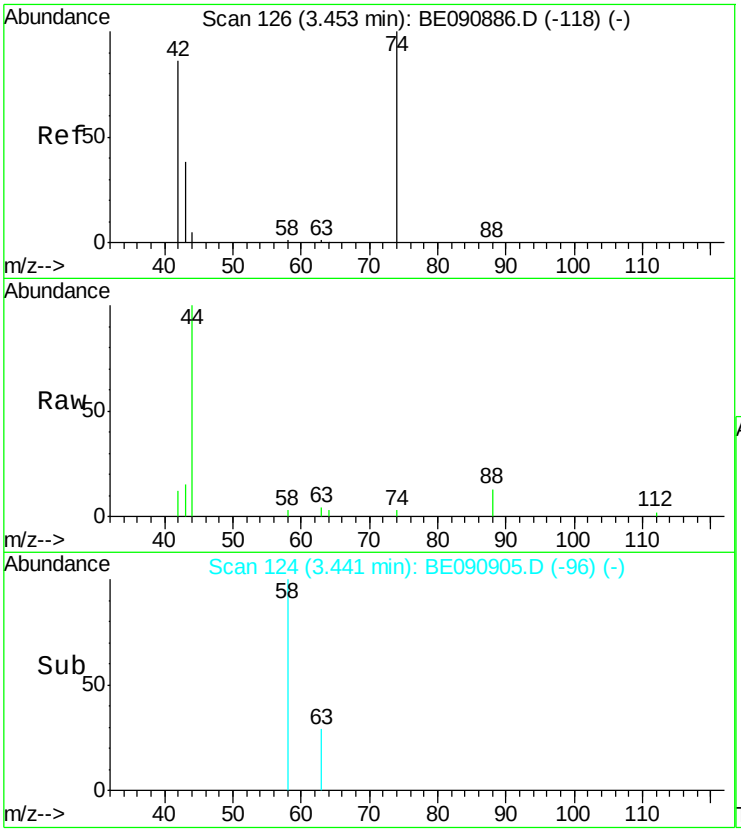


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 103
Delta R.T. 0.14 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
58	27.1	68.4	102.6#
43	0.0	26.9	40.3#



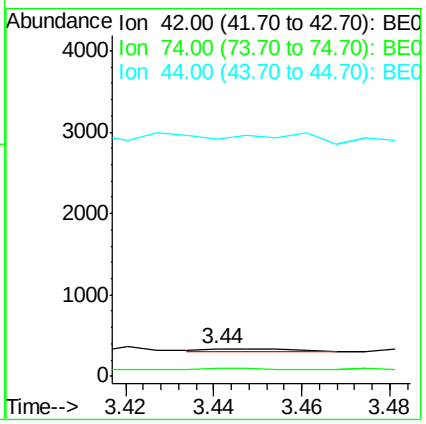


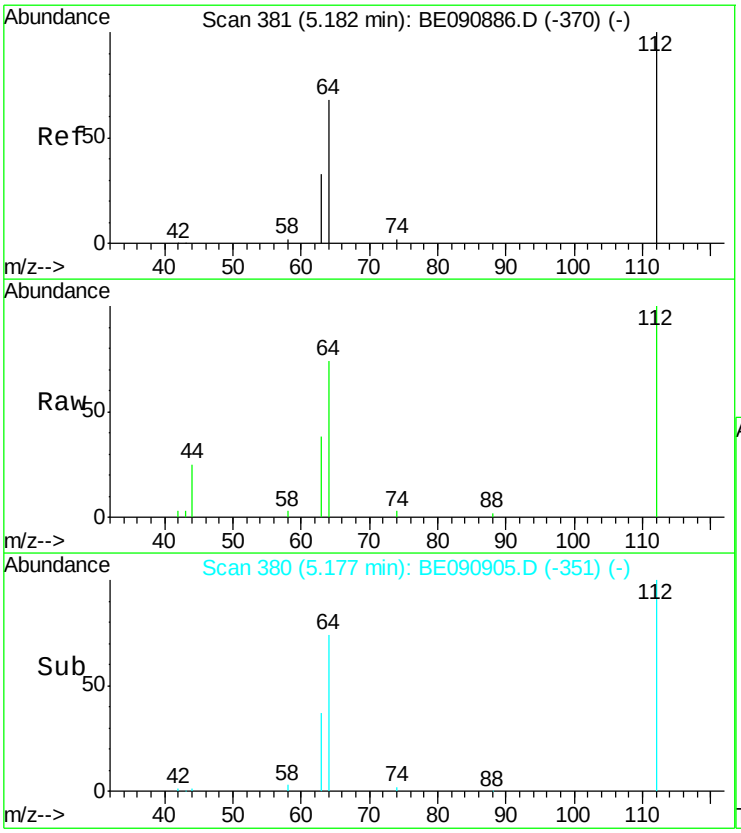
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion: 42 Resp: 46

Ion	Ratio	Lower	Upper
42	100		
74	21.7	83.7	125.5#
44	0.0	10.0	15.0#

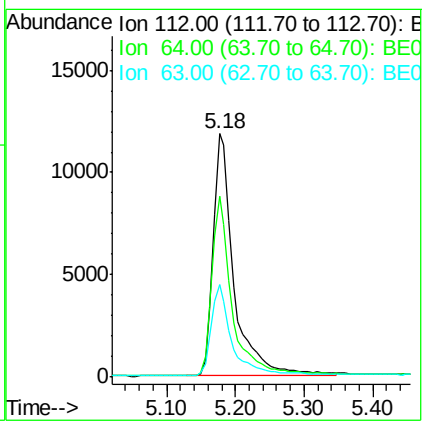


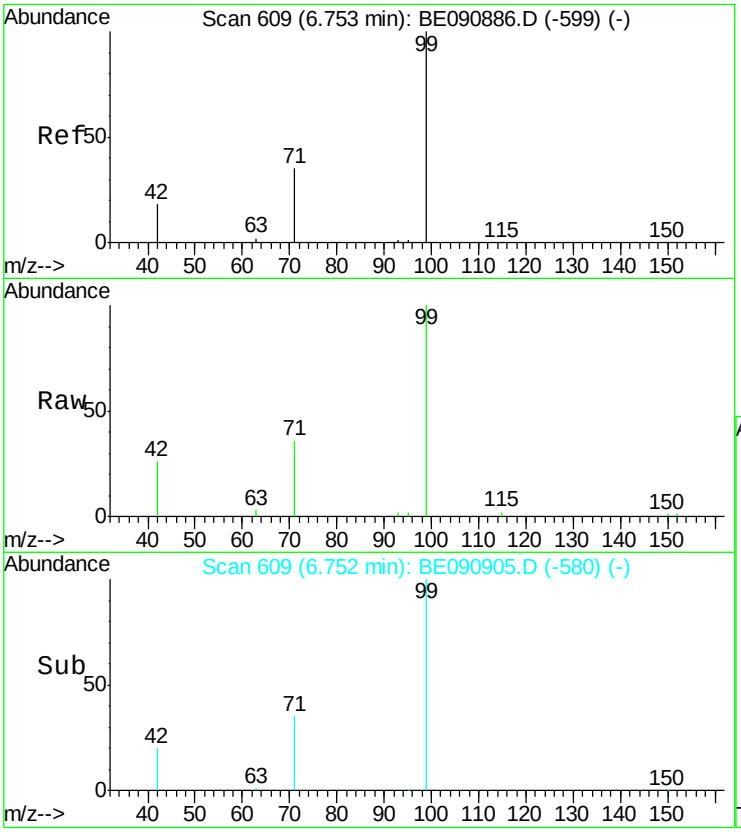


#4
2-Fluorophenol
Concen: 4.06 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:112 Resp: 24923

Ion	Ratio	Lower	Upper
112	100		
64	72.8	57.3	85.9
63	36.8	29.2	43.8



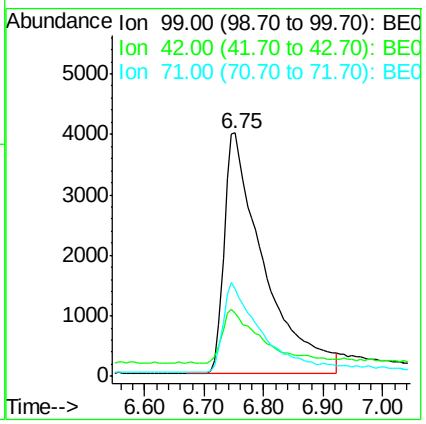


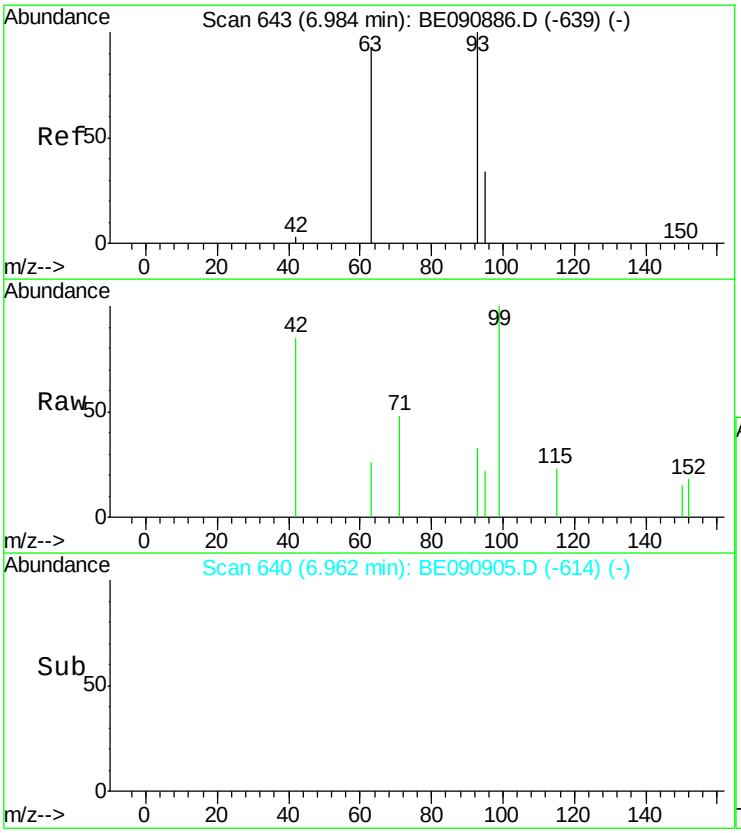
#5
Phenol-d6
Concen: 2.16 ng
RT: 6.75 min Scan# 609
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion: 99 Resp: 18325

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.8	25.2
71	36.3	28.3	42.5

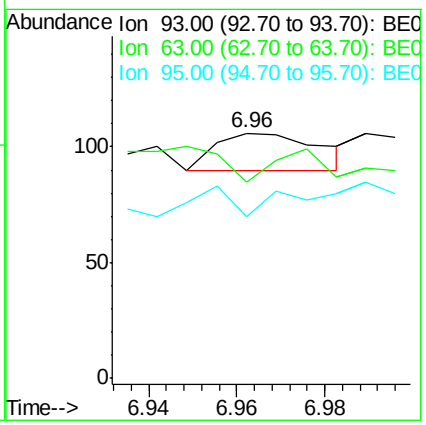


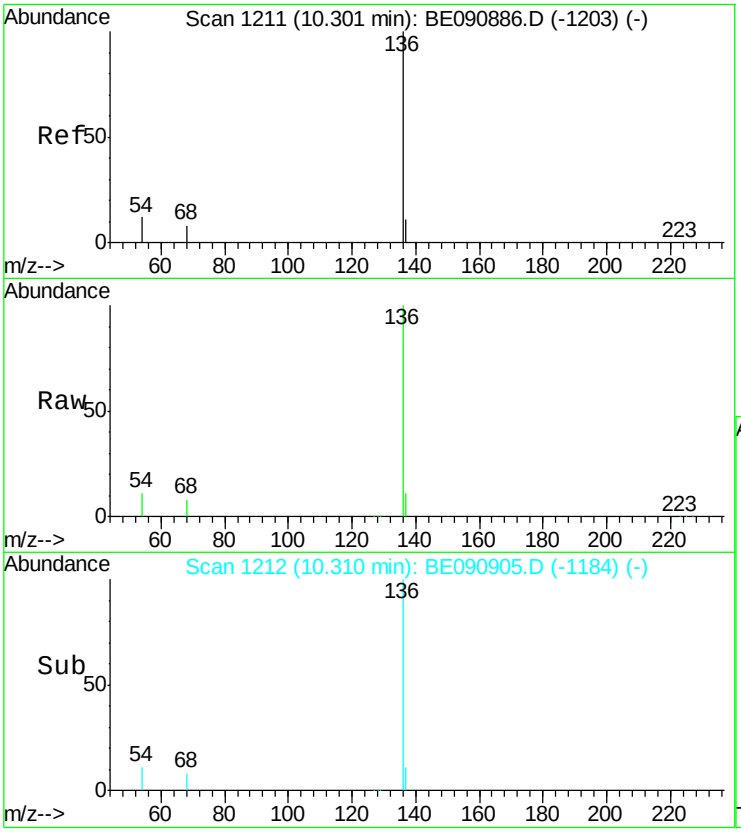


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 6.96 min Scan# 640
Delta R.T. -0.02 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion: 93 Resp: 26

Ion	Ratio	Lower	Upper
93	100		
63	100.0	68.5	102.7
95	30.8	26.9	40.3



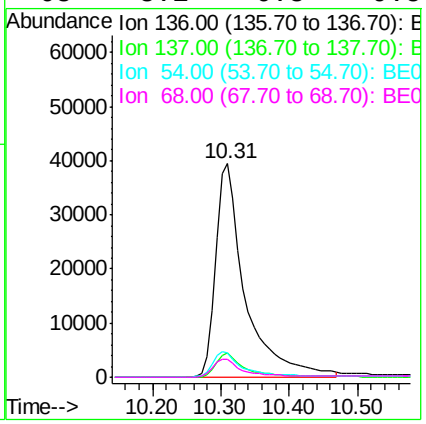


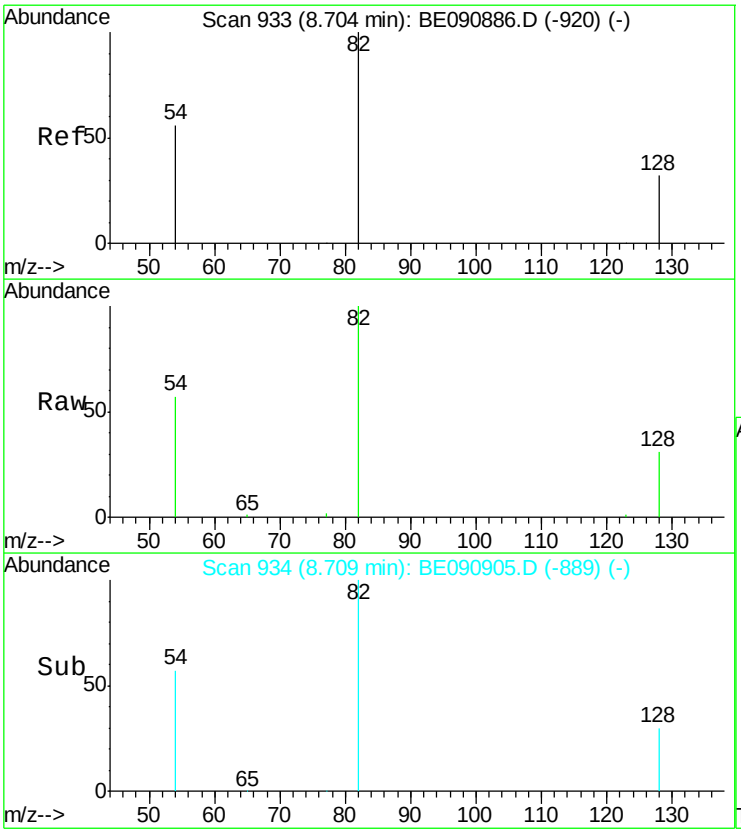
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:136 Resp: 116673

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.3	9.0	13.6
68	8.1	6.3	9.5

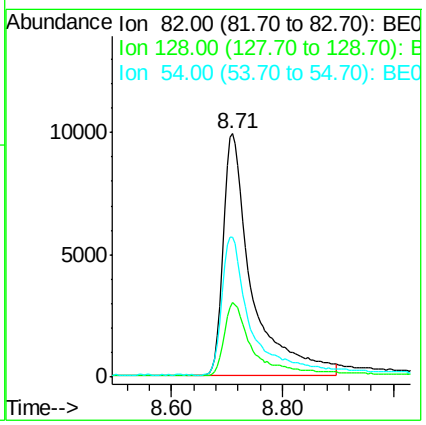


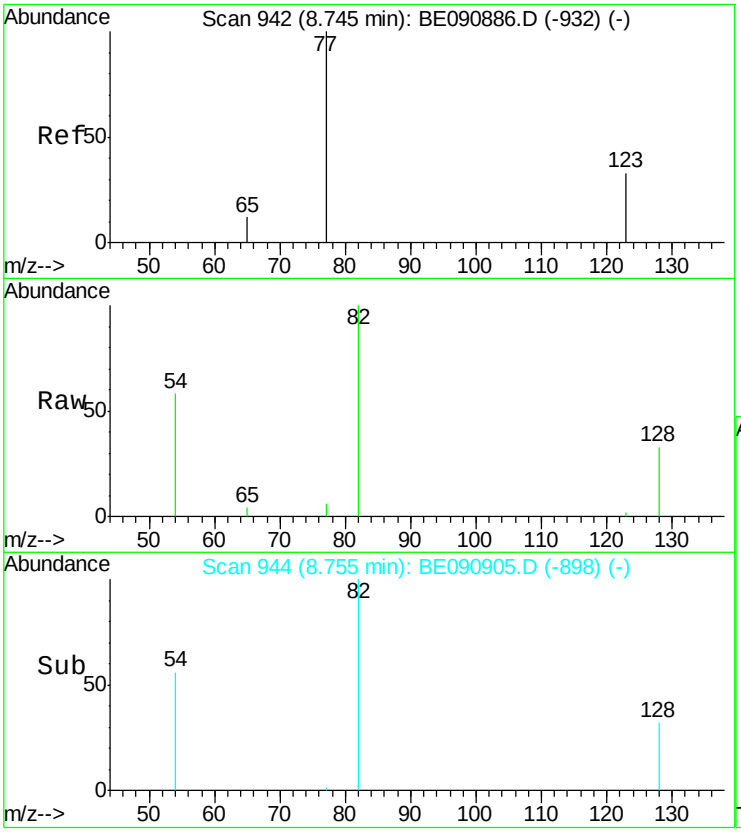


#8
Nitrobenzene-d5
Concen: 4.37 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion: 82 Resp: 35166

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.0	37.4
54	57.4	46.3	69.5



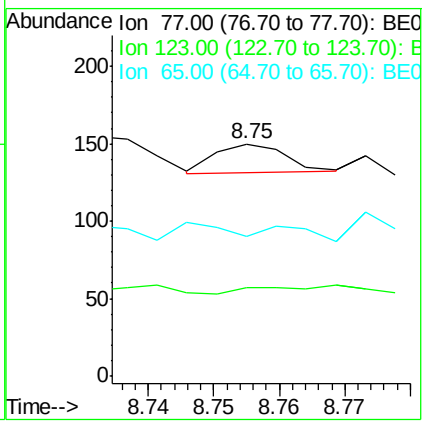


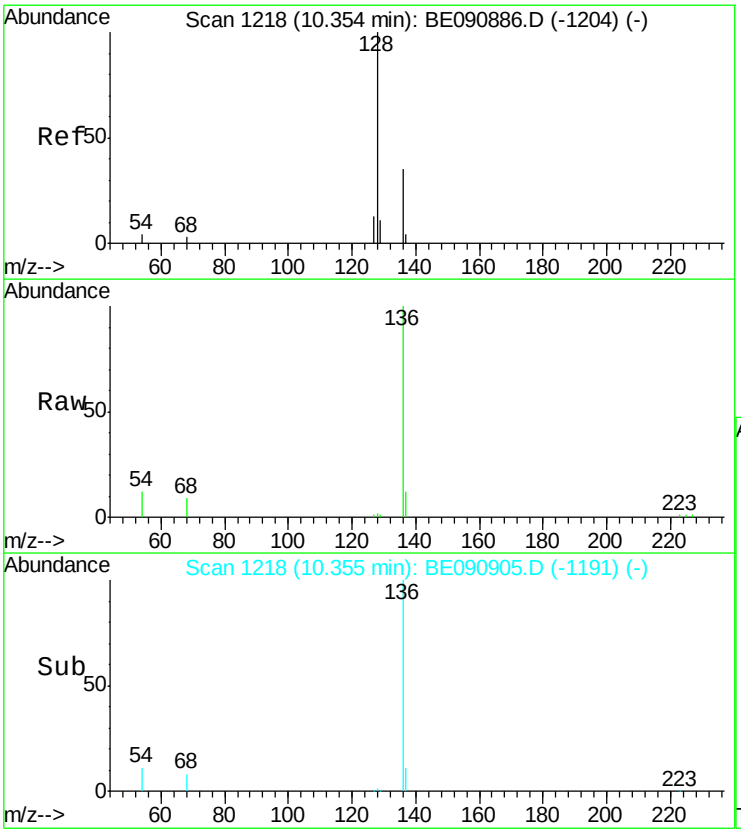
#9
Nitrobenzene
Concen: 0.00 ng
RT: 8.75 min Scan# 944
Delta R.T. 0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion: 77 Resp: 14

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.1	37.7#
65	42.9	9.9	14.9#

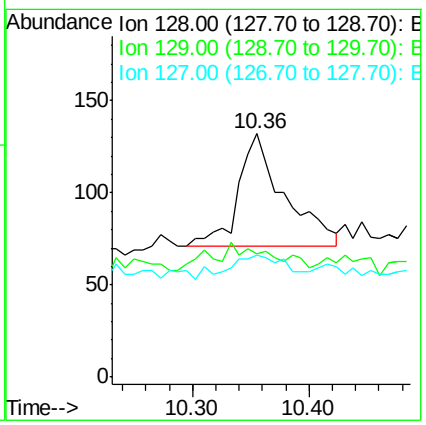


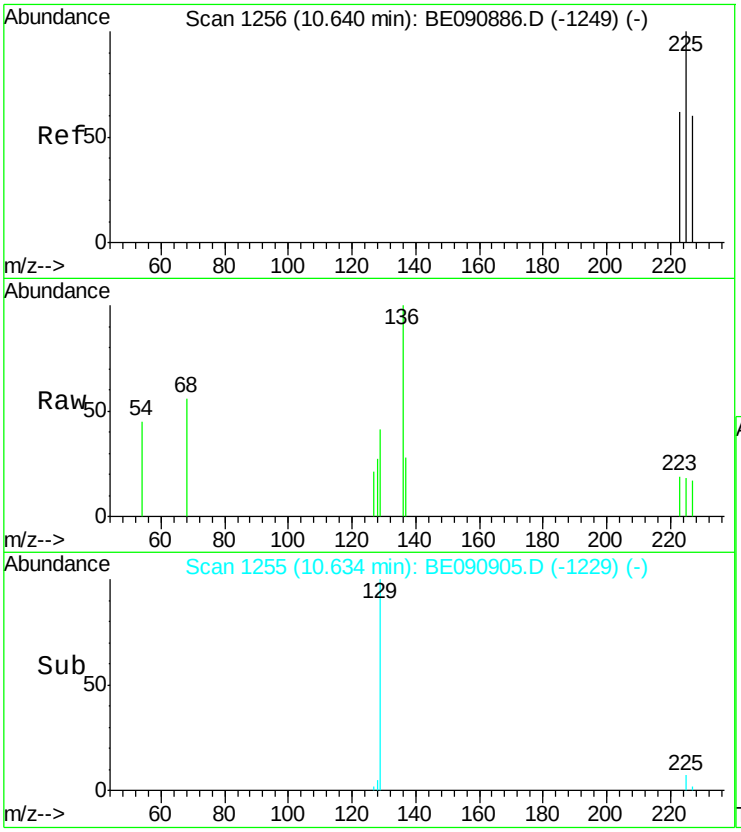


#10
Naphthalene
Concen: Below Cal
RT: 10.36 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:128 Resp: 167

Ion	Ratio	Lower	Upper
128	100		
129	50.8	8.4	12.6#
127	50.0	9.9	14.9#



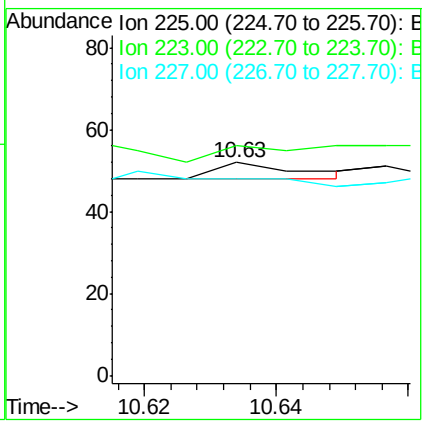


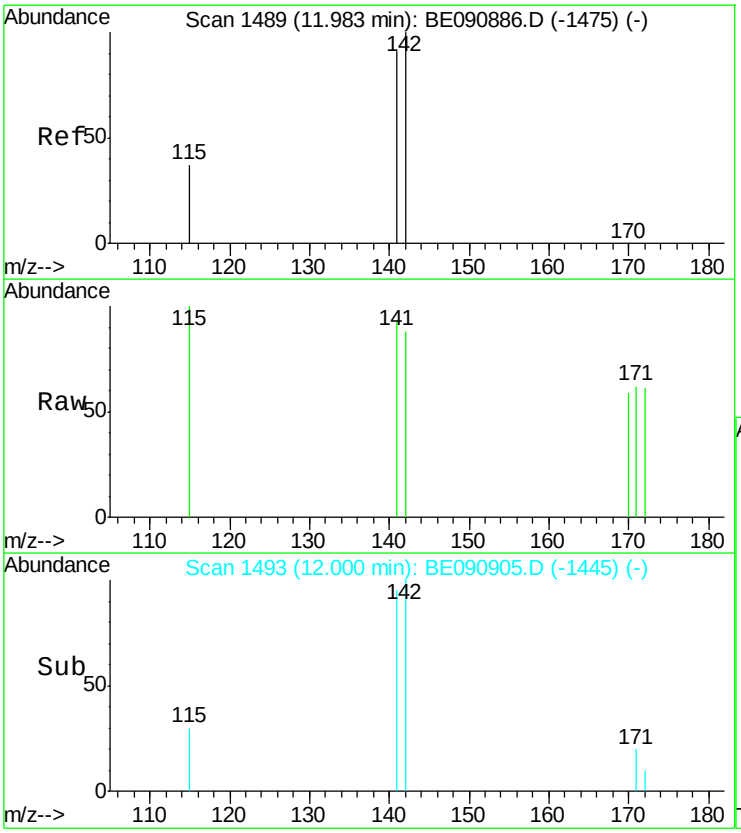
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.63 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:225 Resp: 4

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

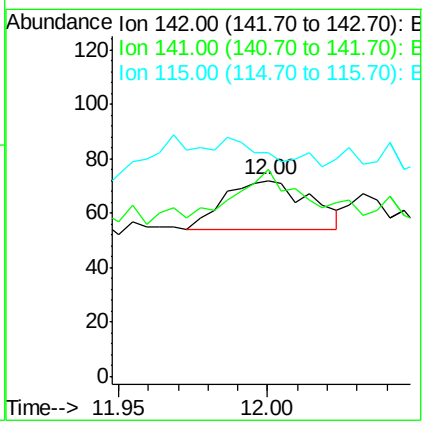


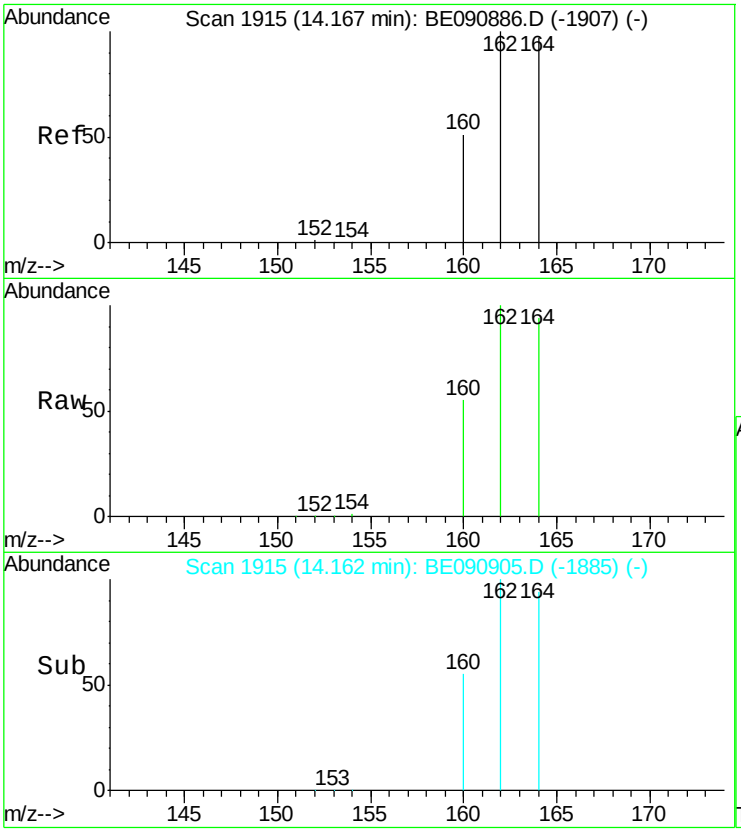


#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:142 Resp: 36

Ion	Ratio	Lower	Upper
142	100		
141	105.6	71.4	107.2
115	113.9	31.0	46.4#



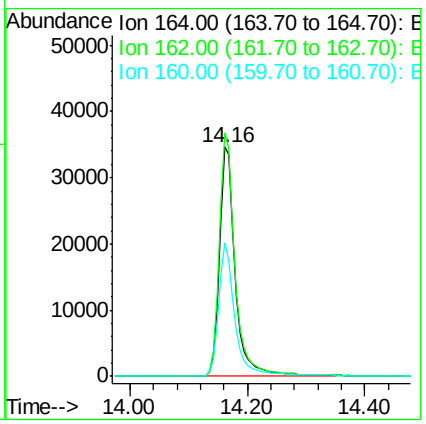


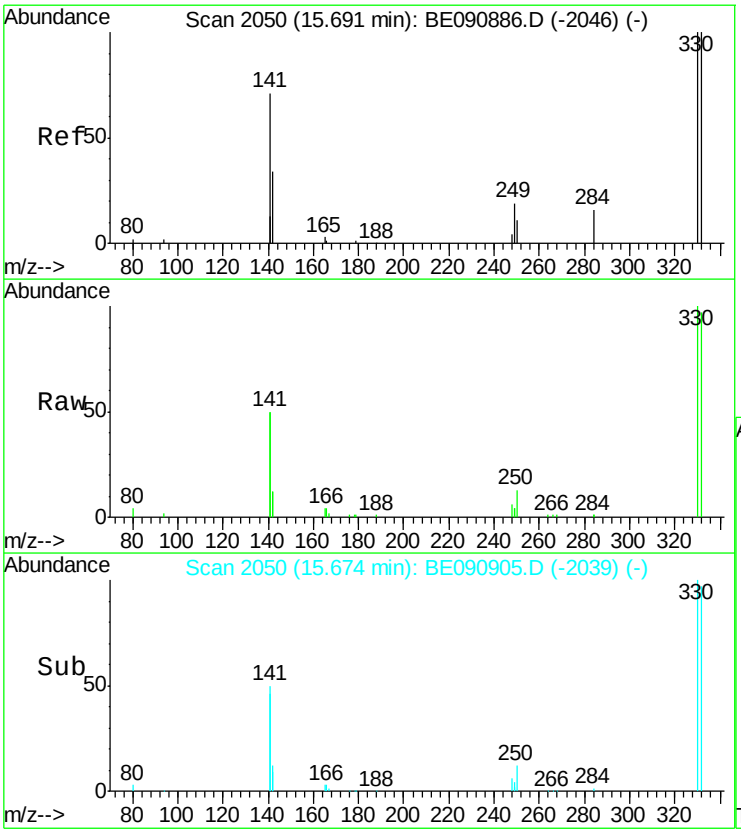
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:164 Resp: 63993

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.8	130.2
160	58.4	53.9	80.9

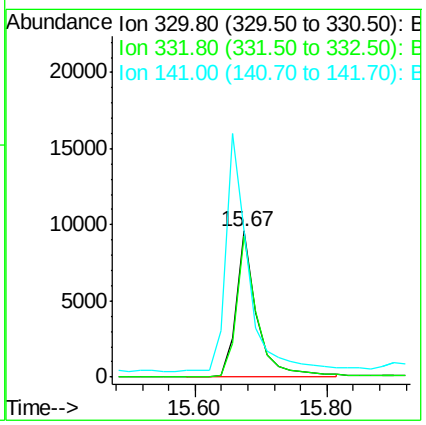


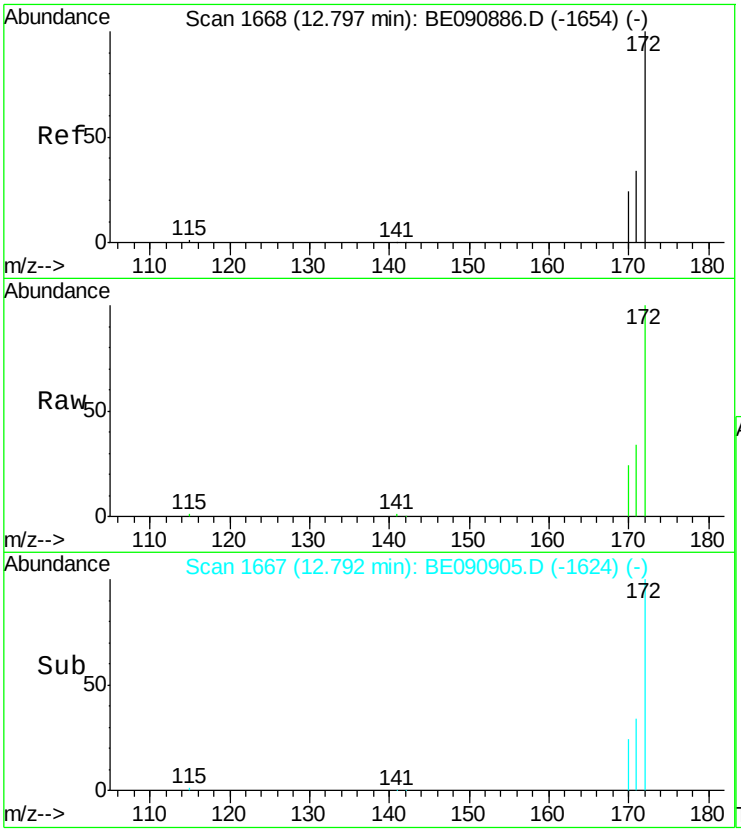


#14
2,4,6-Tribromophenol
Concen: 9.07 ng
RT: 15.67 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:330 Resp: 20487

Ion	Ratio	Lower	Upper
330	100		
332	97.3	74.9	112.3
141	178.0	145.2	217.8



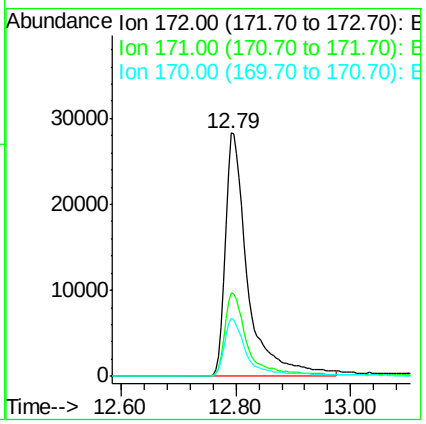


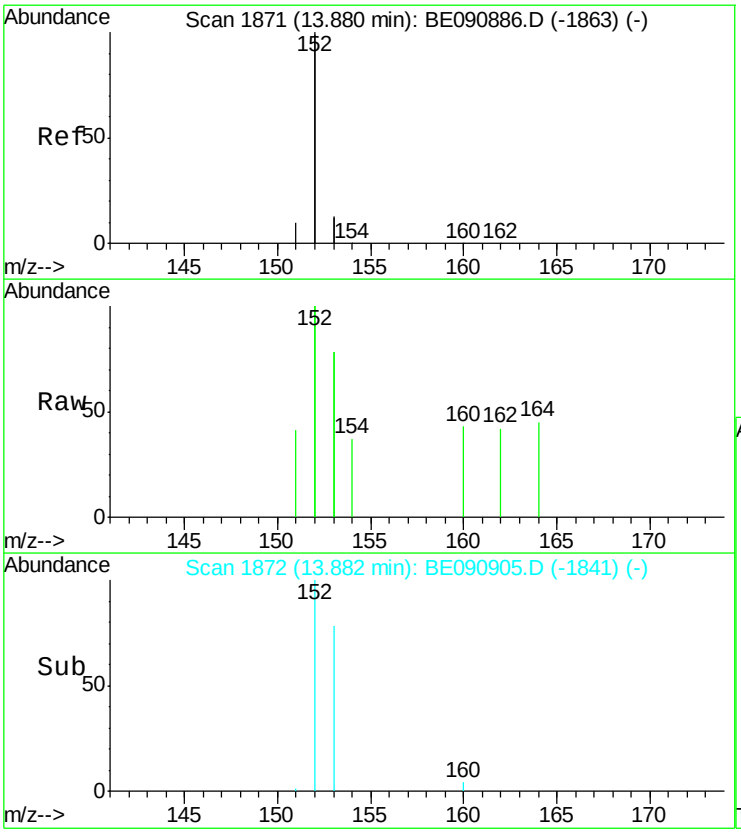
#15
2-Fluorobiphenyl
Concen: 4.27 ng
RT: 12.79 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:172 Resp: 77455

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	24.0	19.8	29.6

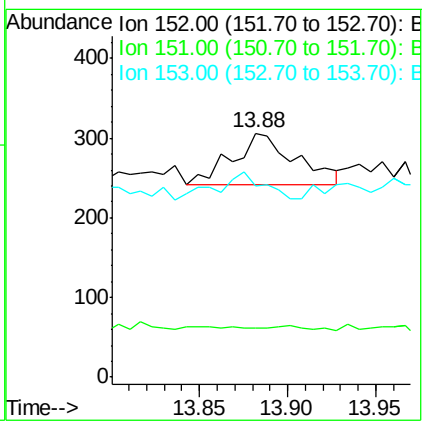


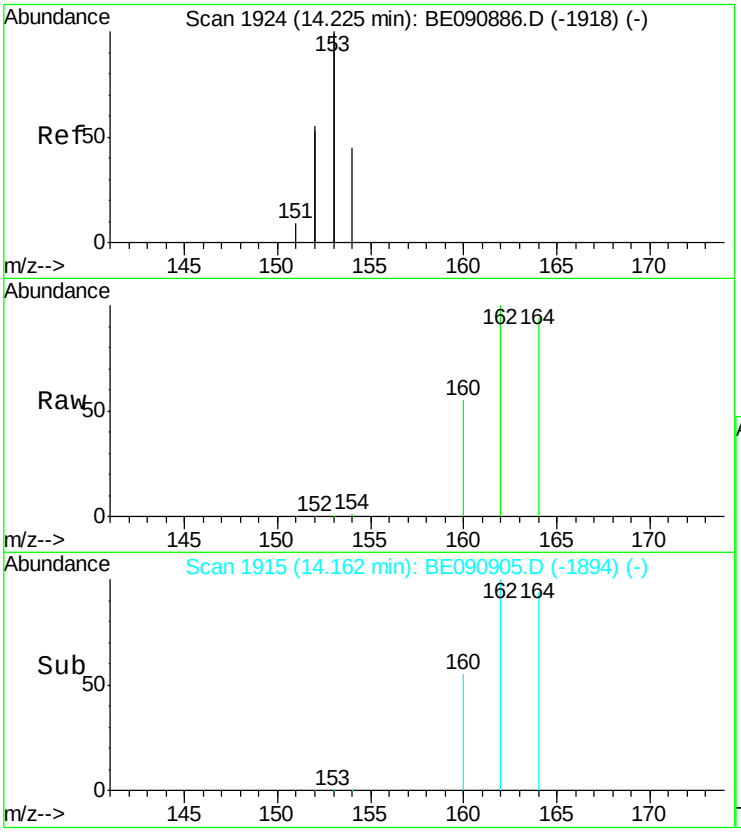


#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:152 Resp: 158

Ion	Ratio	Lower	Upper
152	100		
151	0.0	3.9	5.9#
153	41.1	10.3	15.5#



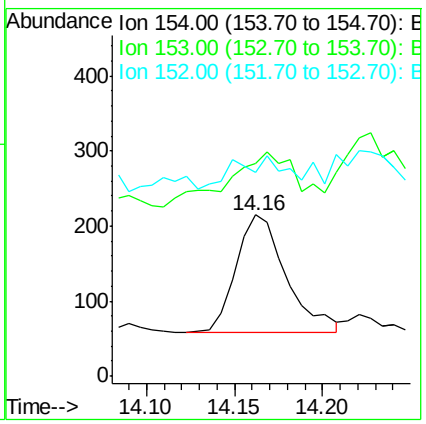


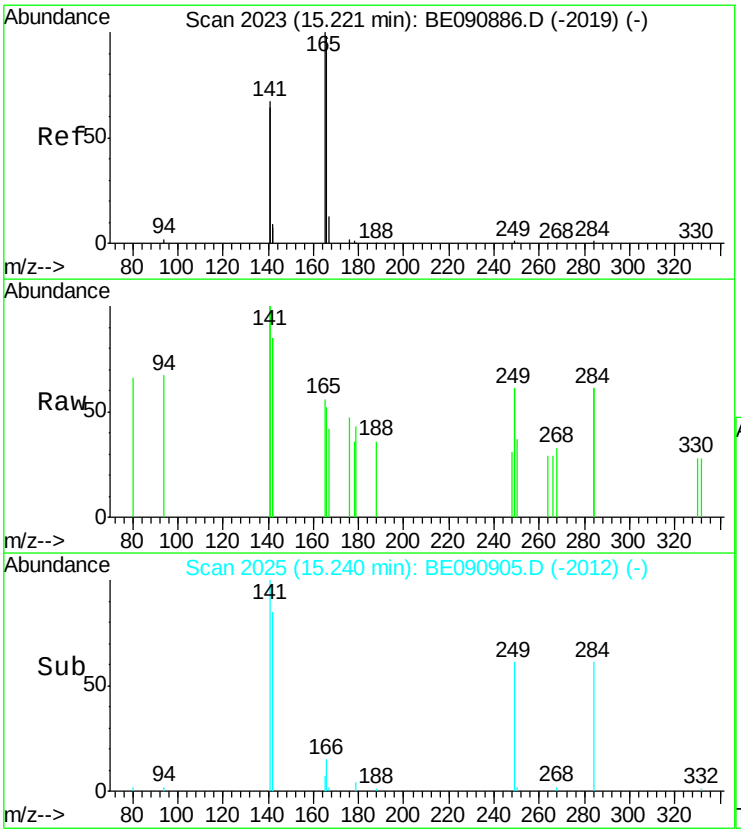
#17
Acenaphthene
Concen: 0.02 ng
RT: 14.16 min Scan# 1915
Delta R.T. -0.06 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:154 Resp: 310

Ion	Ratio	Lower	Upper
154	100		
153	63.9	354.5	531.7#
152	13.2	227.8	341.6#

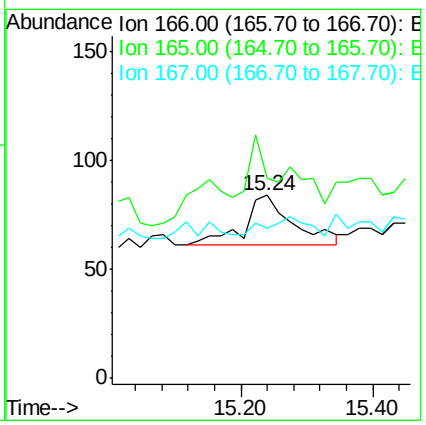


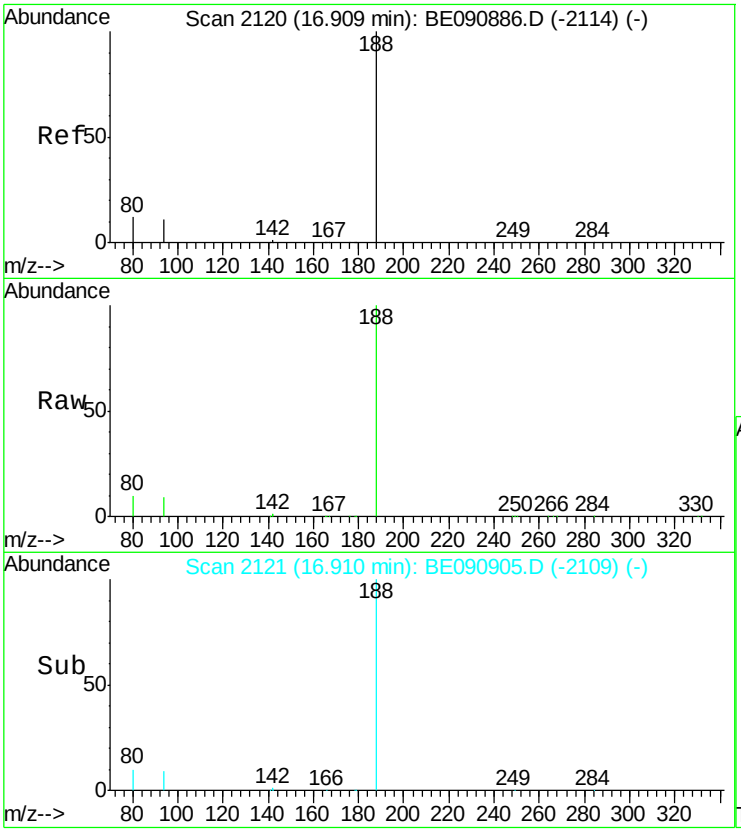


#18
Fluorene
Concen: Below Cal
RT: 15.24 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:166 Resp: 119

Ion	Ratio	Lower	Upper
166	100		
165	42.0	82.7	124.1#
167	0.0	10.7	16.1#



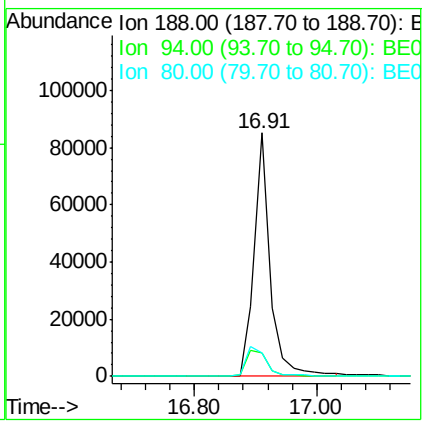


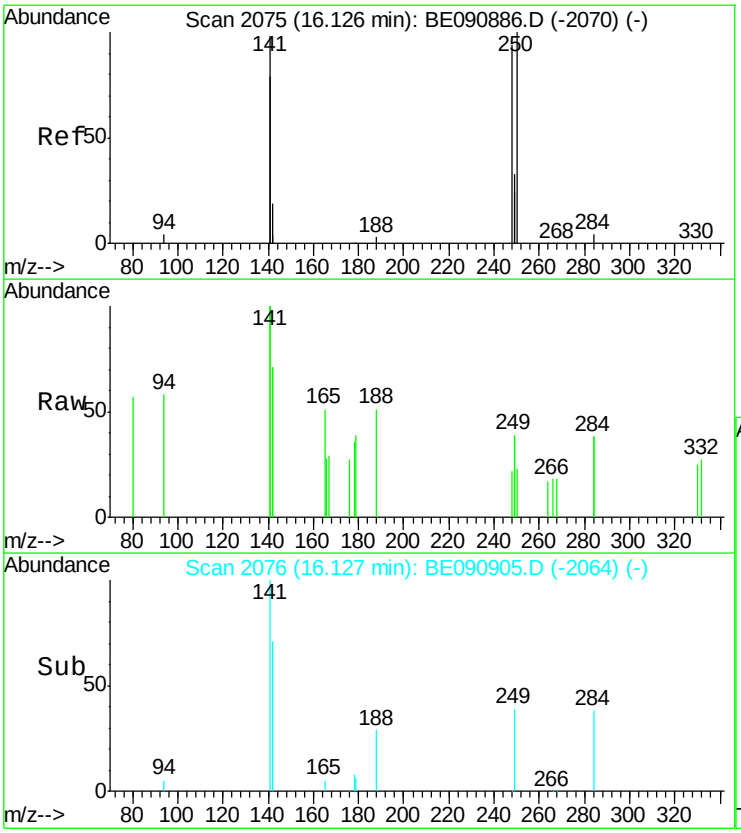
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:188 Resp: 154143

Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.3	15.5#
80	9.9	11.0	16.6#

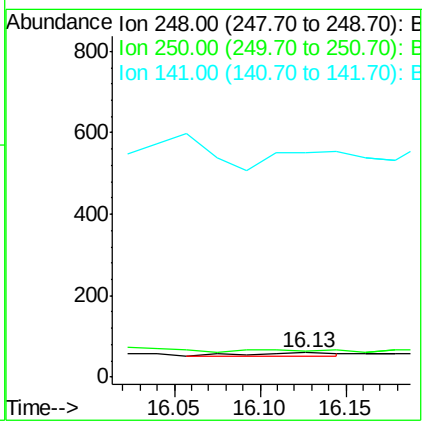


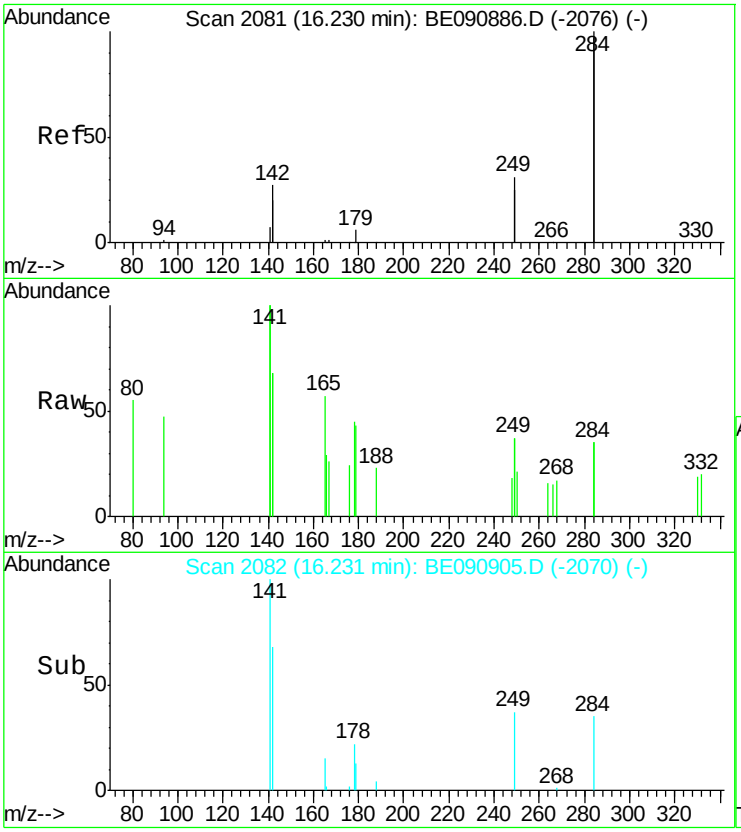


#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.13 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:248 Resp: 25

Ion	Ratio	Lower	Upper
248	100		
250	84.0	76.7	115.1
141	0.0	292.6	439.0#



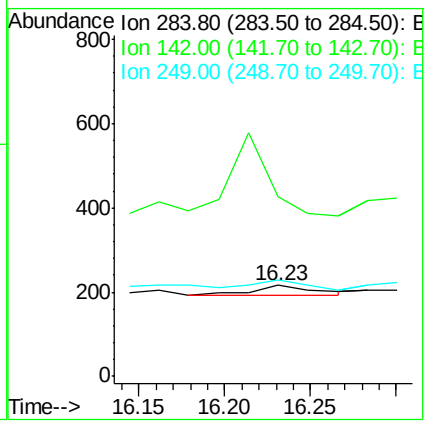


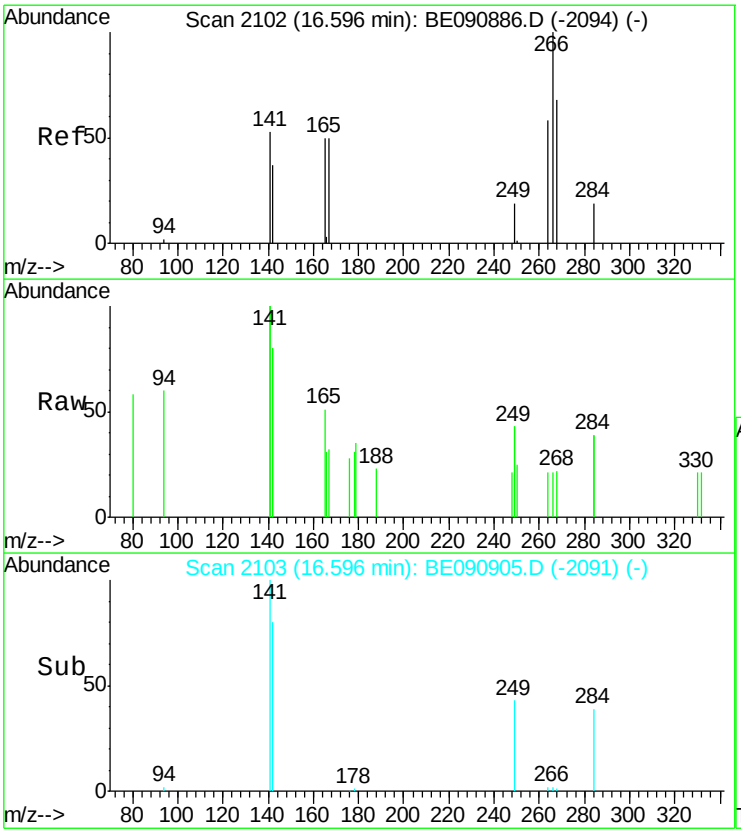
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:284 Resp: 54

Ion	Ratio	Lower	Upper
284	100		
142	1051.9	35.0	52.4#
249	88.9	25.5	38.3#

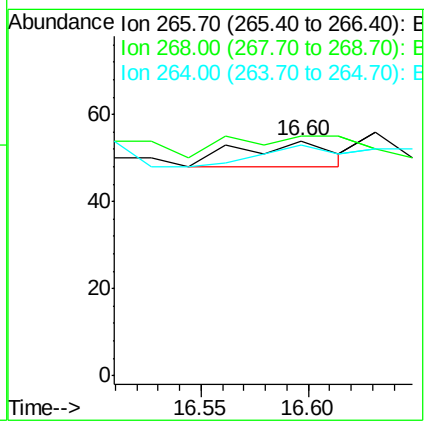


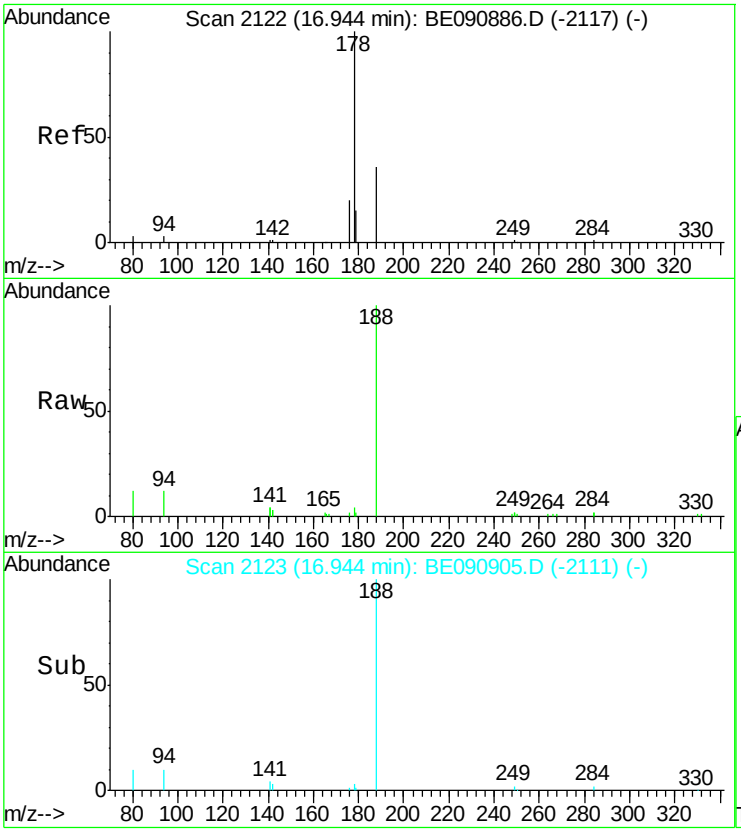


#22
Pentachlorophenol
Concen: 0.18 ng
RT: 16.60 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
268	101.9	49.6	74.4#
264	98.1	53.9	80.9#



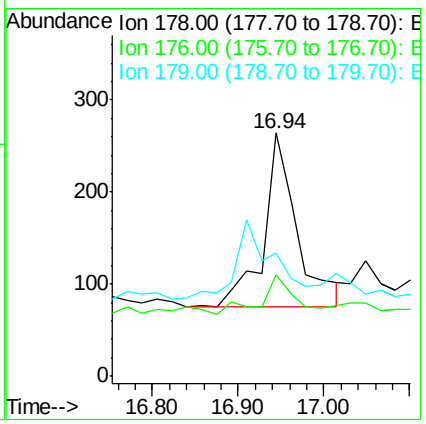


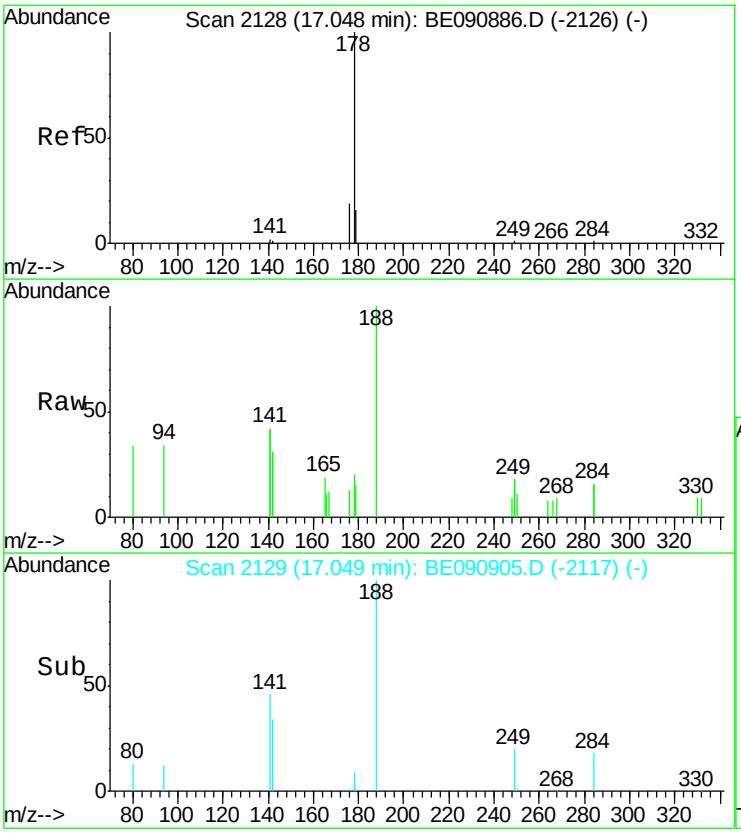
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:178 Resp: 511

Ion	Ratio	Lower	Upper
178	100		
176	23.3	15.6	23.4
179	0.0	12.8	19.2#

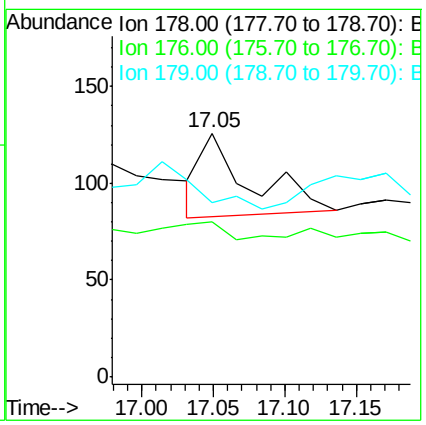


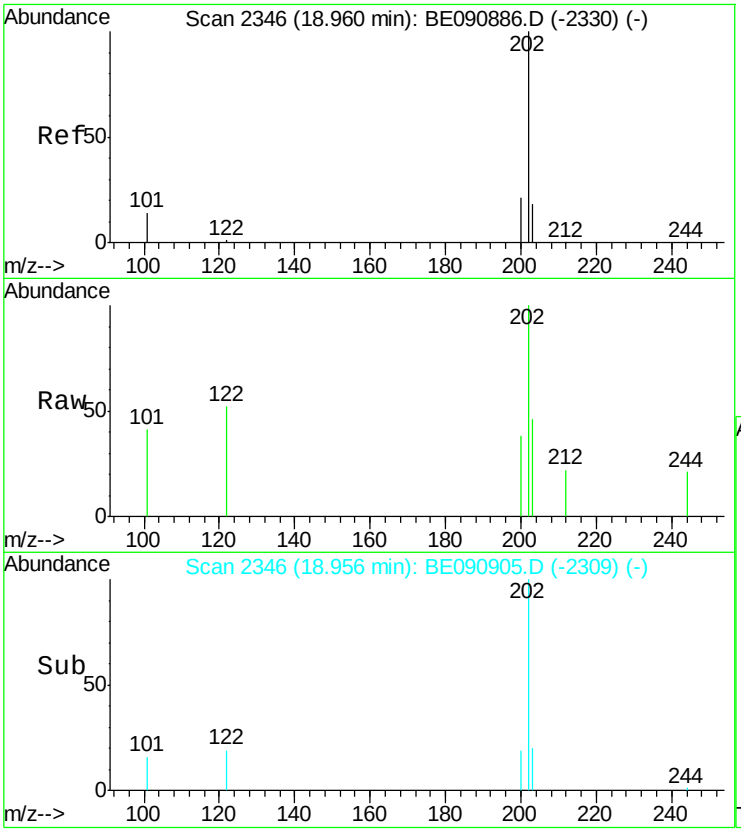


#24
Anthracene
Concen: 0.00 ng
RT: 17.05 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:178 Resp: 103

Ion	Ratio	Lower	Upper
178	100		
176	26.2	15.0	22.6#
179	0.0	12.3	18.5#



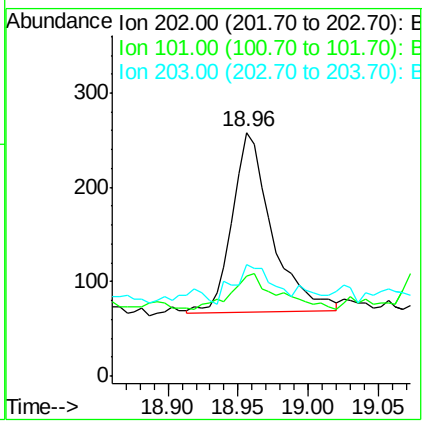


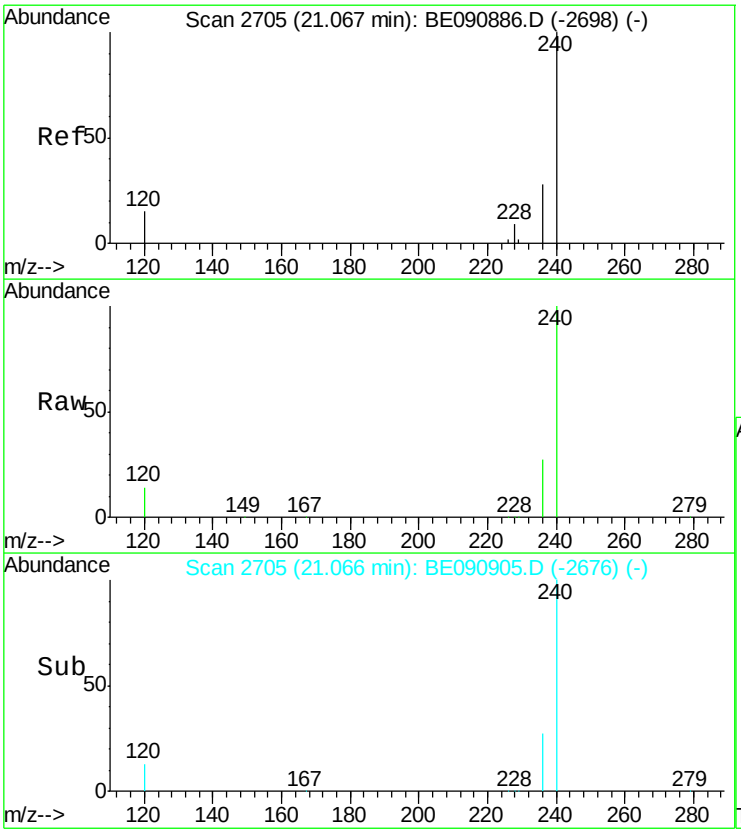
#25
Fluoranthene
Concen: 0.01 ng
RT: 18.96 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:202 Resp: 374

Ion	Ratio	Lower	Upper
202	100		
101	22.7	11.0	16.6#
203	21.1	13.9	20.9#

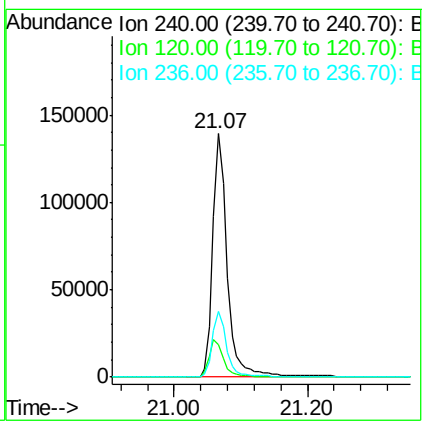


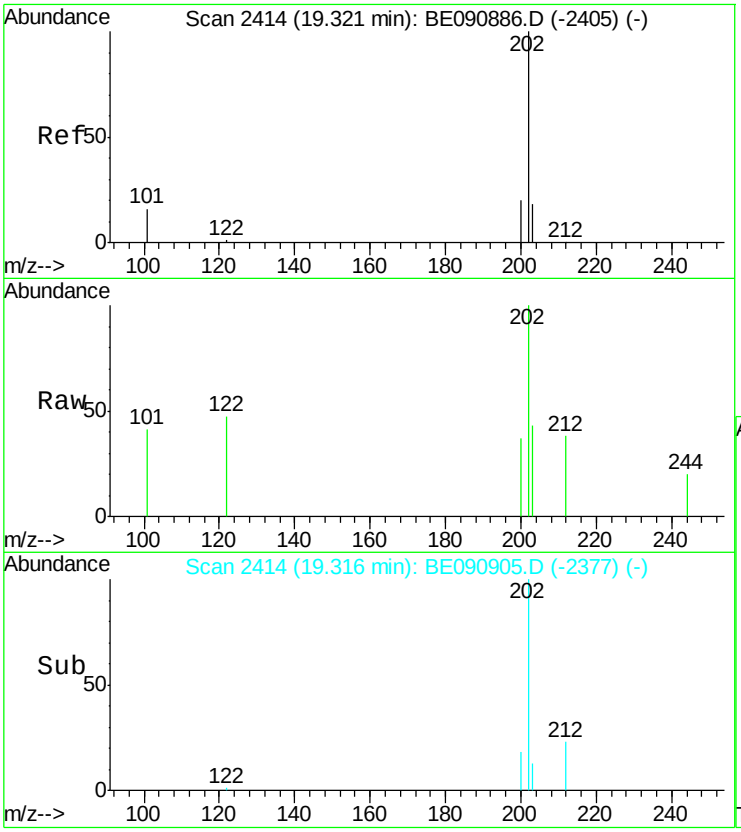


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:240 Resp: 206505

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.1	15.1
236	27.2	21.9	32.9



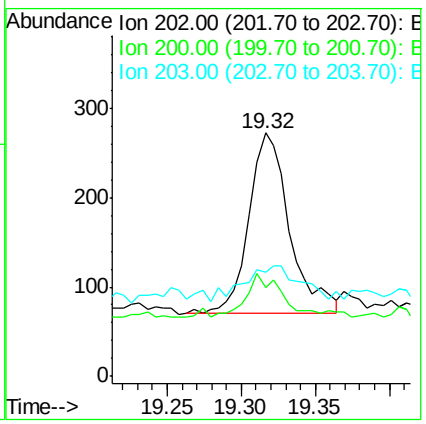


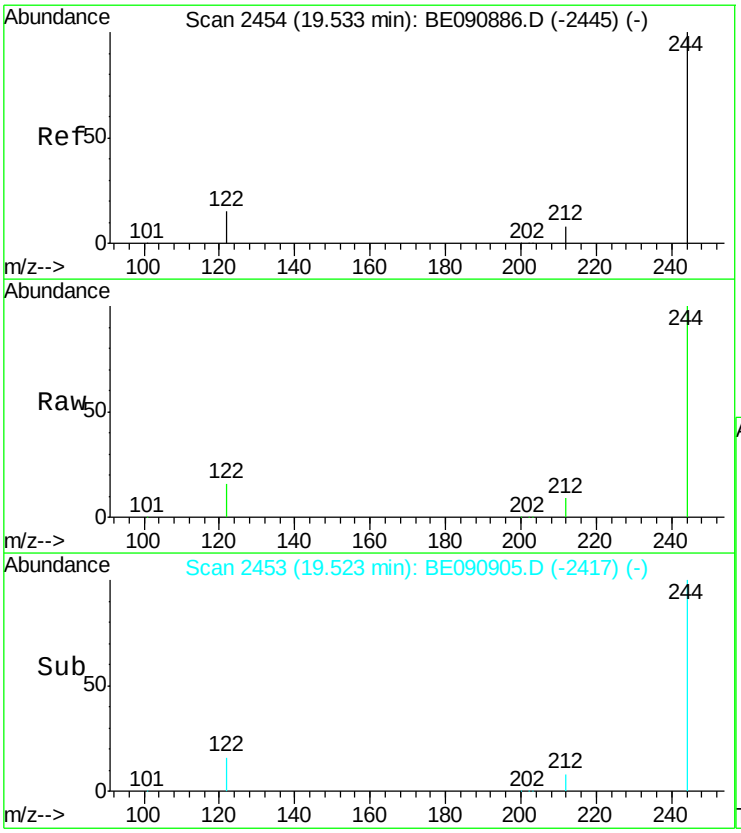
#27
Pyrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:202 Resp: 386

Ion	Ratio	Lower	Upper
202	100		
200	16.3	16.7	25.1#
203	26.7	13.8	20.6#

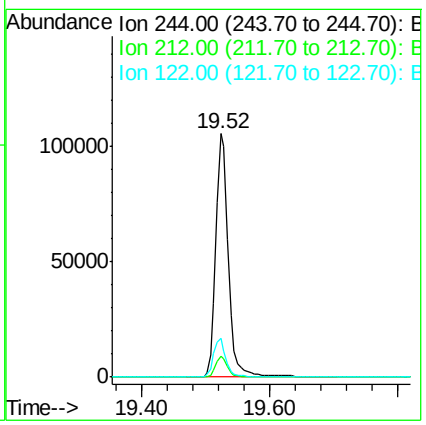


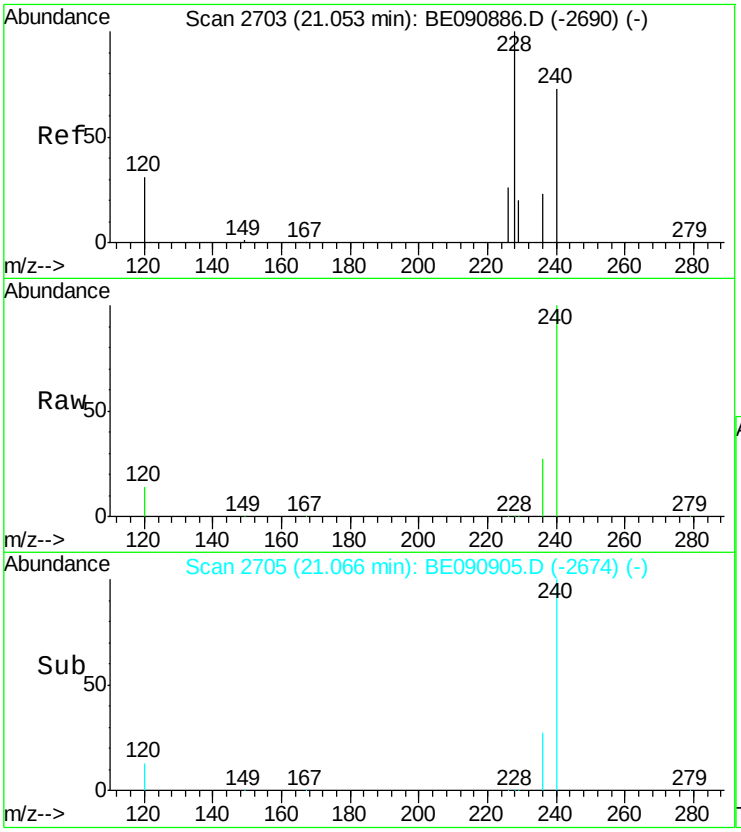


#28
Terphenyl-d14
Concen: 6.17 ng
RT: 19.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:244 Resp: 143814

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	15.9	12.9	19.3



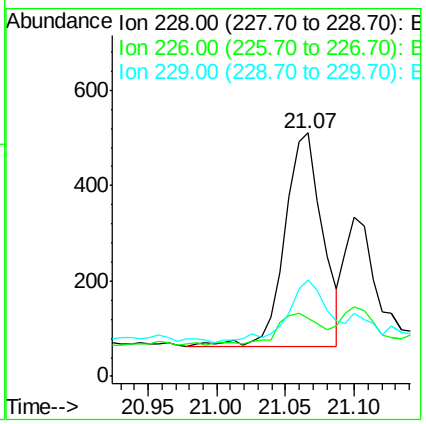


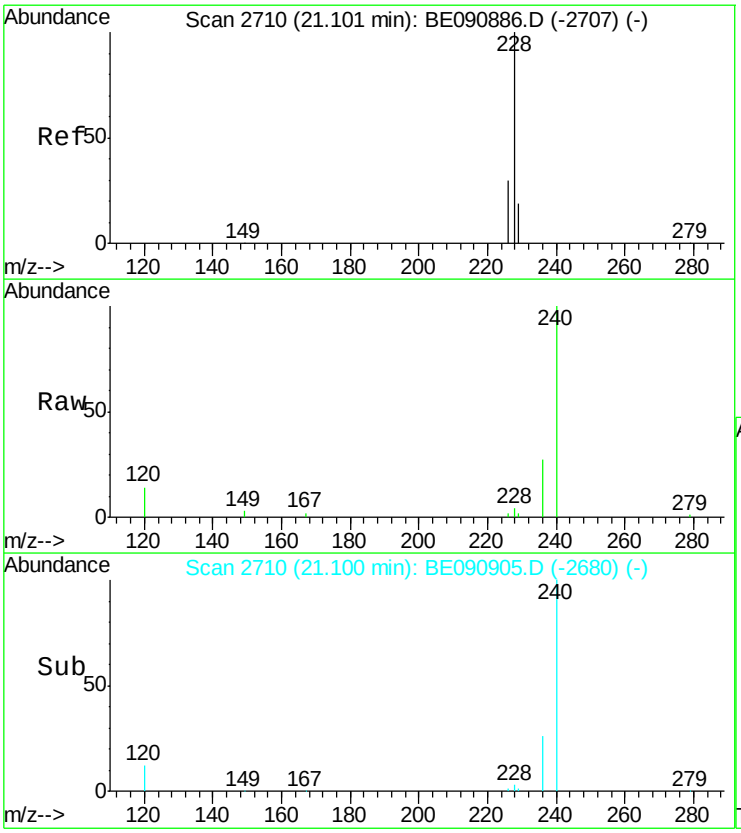
#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:228 Resp: 848

Ion	Ratio	Lower	Upper
228	100		
226	23.7	21.6	32.4
229	39.5	15.9	23.9#

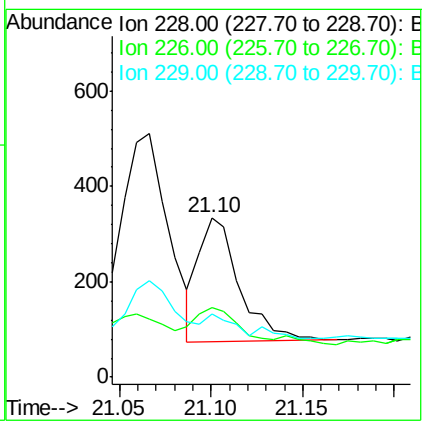


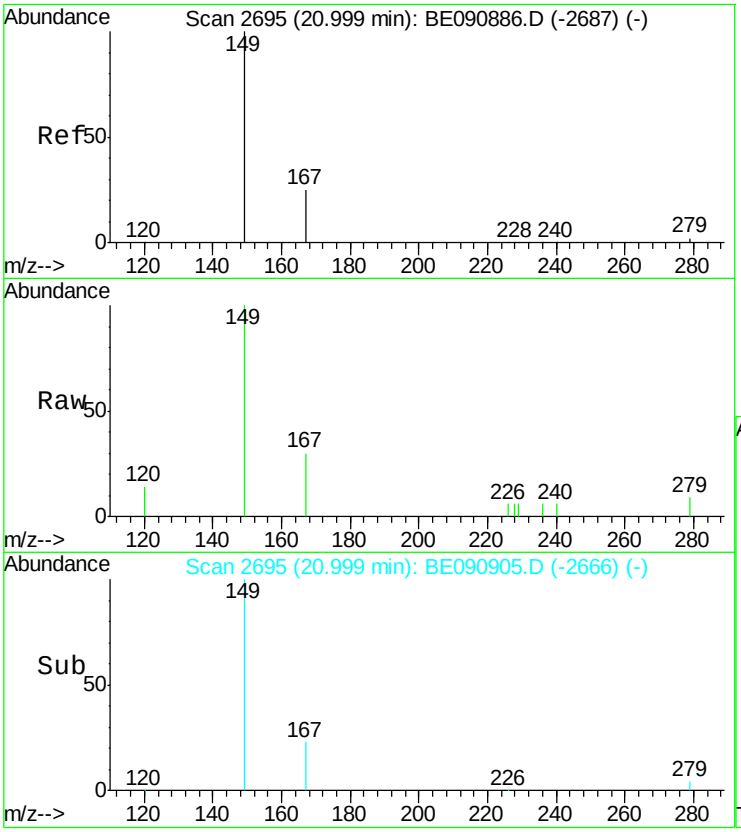


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:228 Resp: 401

Ion	Ratio	Lower	Upper
228	100		
226	43.3	24.2	36.4#
229	39.4	15.3	22.9#



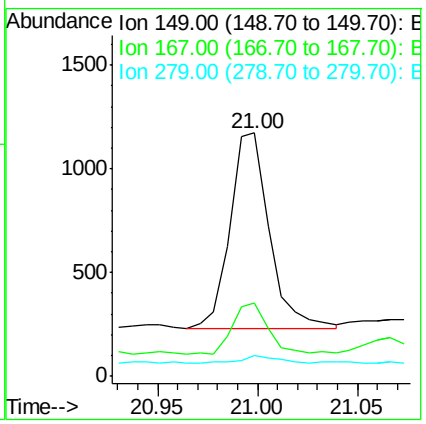


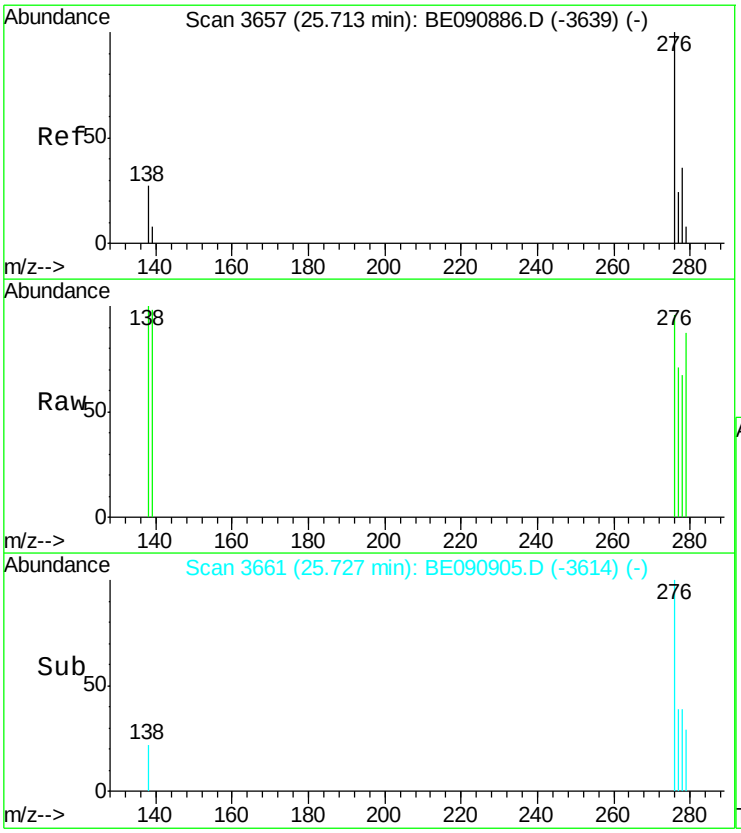
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.00 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:149 Resp: 1299

Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.1	30.1
279	4.2	2.3	3.5#

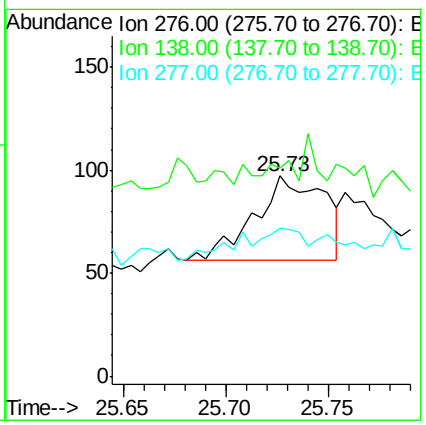


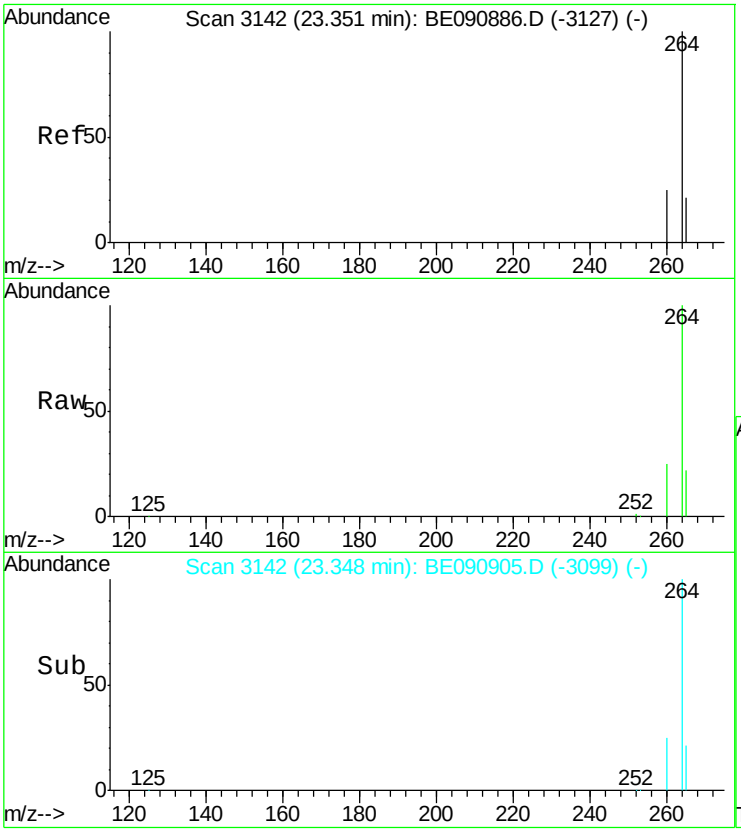


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.73 min Scan# 3661
Delta R.T. 0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:276 Resp: 98

Ion	Ratio	Lower	Upper
276	100		
138	31.6	23.3	34.9
277	10.2	19.8	29.6#



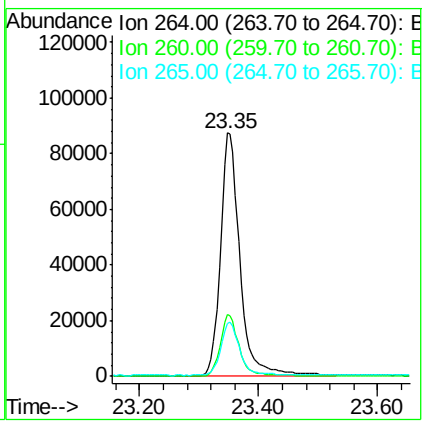


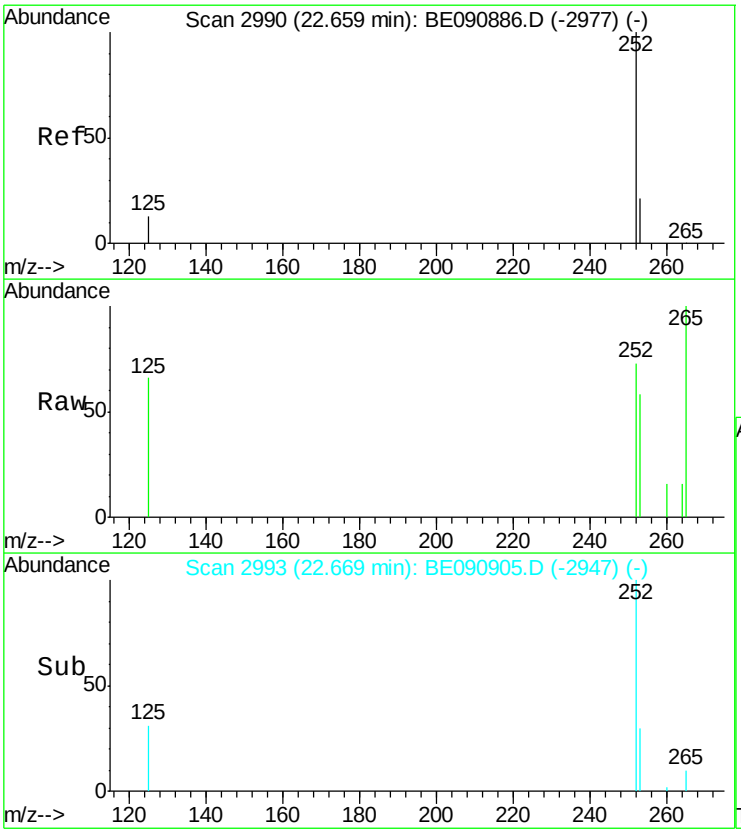
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:264 Resp: 199466

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.5	17.5	26.3

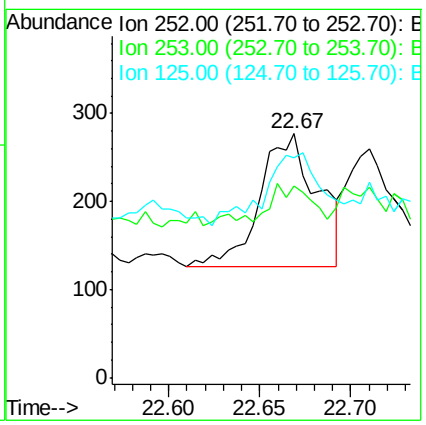


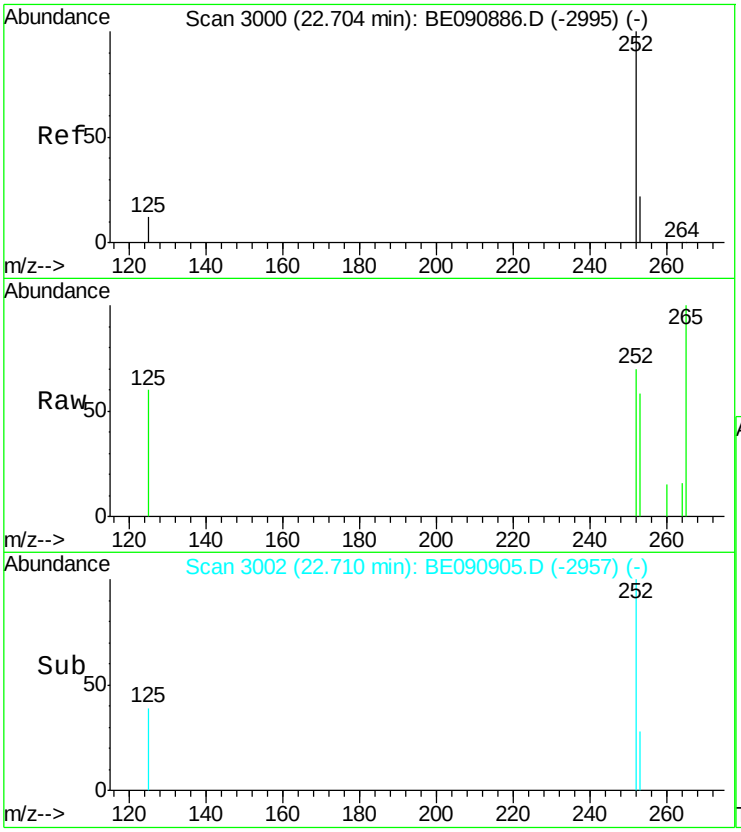


#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.67 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:252 Resp: 333

Ion	Ratio	Lower	Upper
252	100		
253	78.7	17.9	26.9#
125	90.3	10.6	16.0#



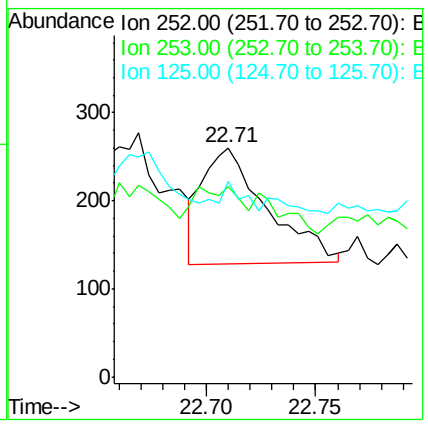


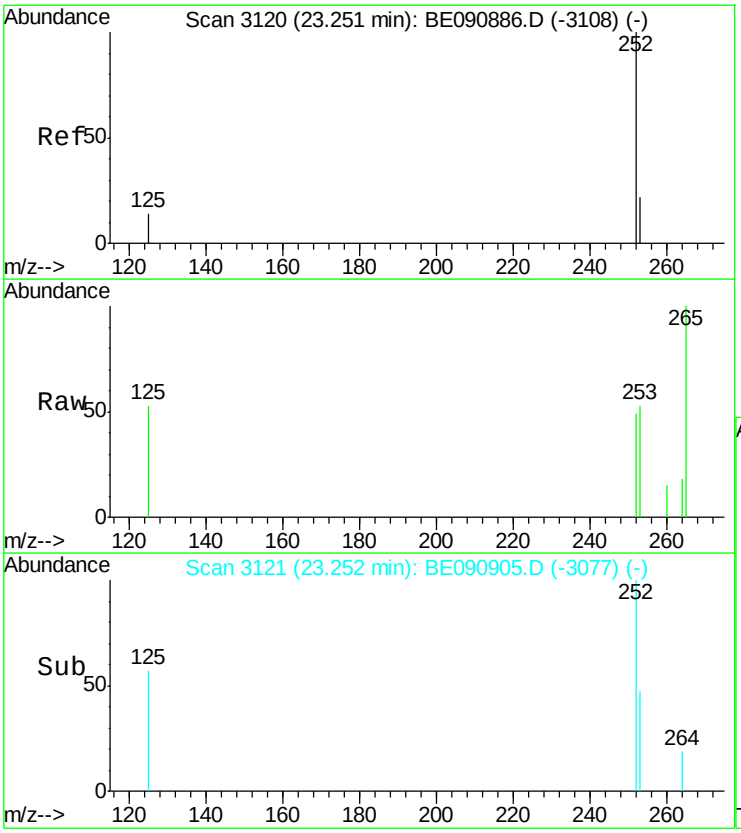
#35
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.71 min Scan# 3002
Delta R.T. 0.01 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:252 Resp: 272

Ion	Ratio	Lower	Upper
252	100		
253	83.1	17.9	26.9#
125	85.4	10.1	15.1#

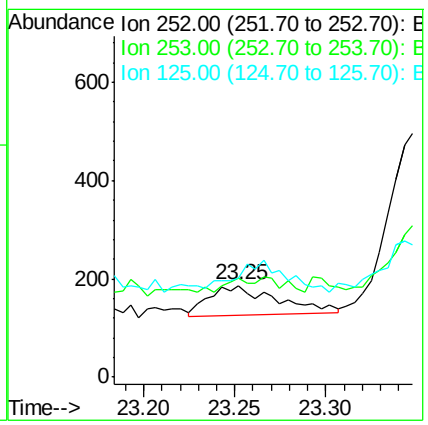


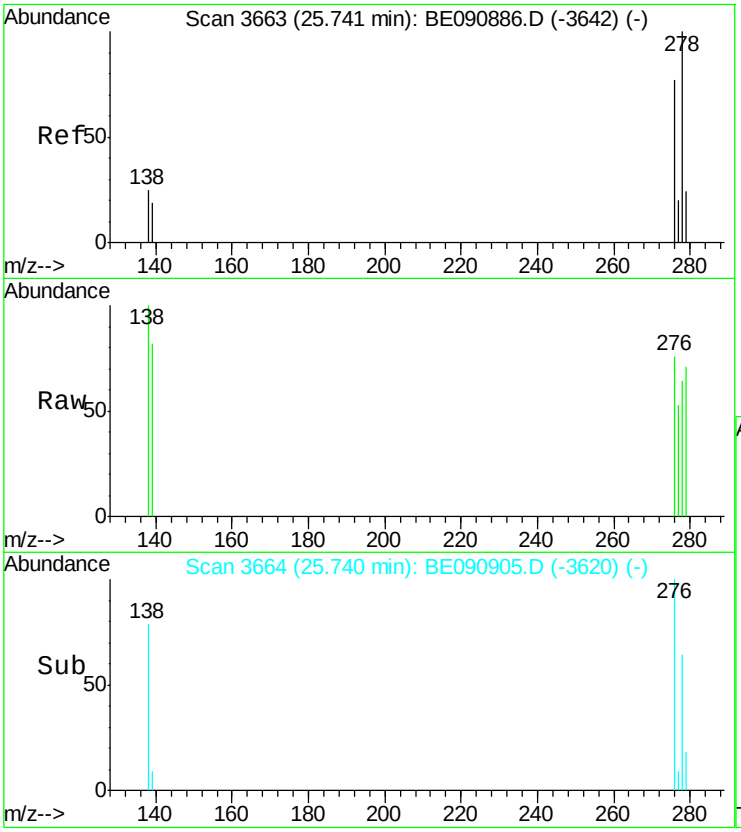


#36
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.25 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:252 Resp: 158

Ion	Ratio	Lower	Upper
252	100		
253	107.5	17.2	25.8#
125	108.0	18.0	27.0#



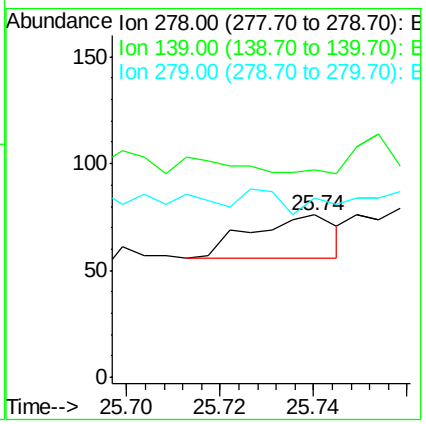


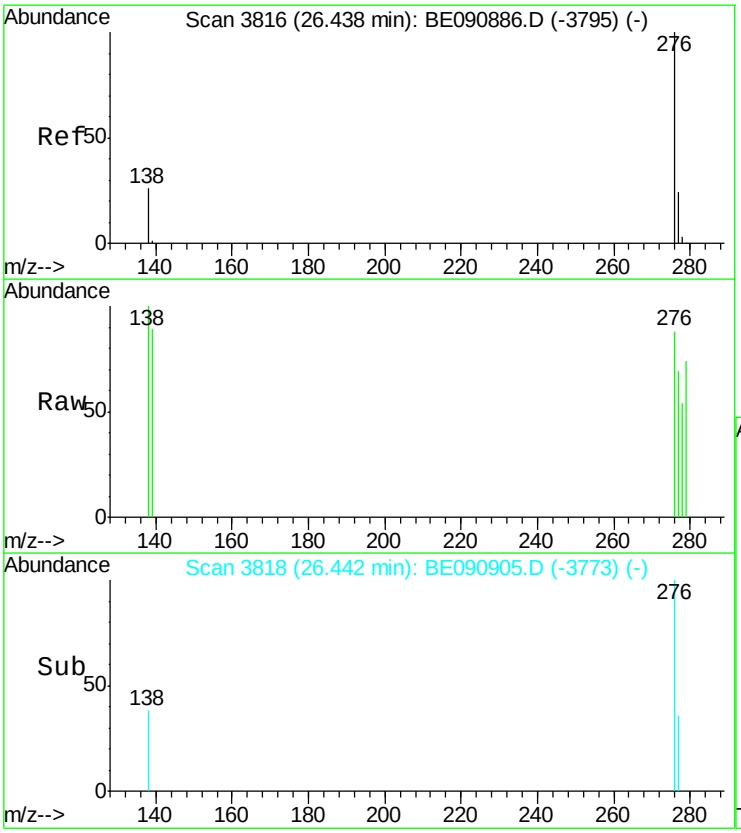
#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.74 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

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

Tgt Ion:278 Resp: 25

Ion	Ratio	Lower	Upper
278	100		
139	127.6	15.4	23.0#
279	110.5	18.8	28.2#





#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.44 min Scan# 3818
Delta R.T. 0.00 min
Lab File: BE090905.D
Acq: 19 Sep 2015 10:31

Tgt Ion:276 Resp: 93

Ion	Ratio	Lower	Upper
276	100		
277	78.7	18.5	27.7#
138	113.8	20.1	30.1#