Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090903.D
Acq On : 19 Sep 2015 9:17
Operator : UM/IZ
Sample : G3723-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 21 02:34:02 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	29548	5.00	ng		0.00
7) Naphthalene-d8	10.31	136	119821	5.00	ng		0.00
13) Acenaphthene-d10	14.17	164	61897	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	152211	5.00	ng		0.00
26) Chrysene-d12	21.07	240	202621	5.00	ng		0.00
33) Perylene-d12	23.35	264	190761	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	23449	3.52	ng		0.00
5) Phenol-d6	6.75	99	16824	1.83	ng		0.00
8) Nitrobenzene-d5	8.71	82	30915	3.74	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	19087	8.74	ng		-0.02
15) 2-Fluorobiphenyl	12.80	172	67157	3.83	ng		0.00
28) Terphenyl-d14	19.53	244	138989	6.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	81	Below Cal		#	35
3) n-Nitrosodimethylamine	3.43	42	21	Below Cal		#	1
6) bis(2-Chloroethyl)ether	6.96	93	11	Below Cal		#	1
9) Nitrobenzene	8.78	77	5	0.00	ng	#	1
10) Naphthalene	10.35	128	82	Below Cal		#	1
11) Hexachlorobutadiene	10.66	225	3	Below Cal		#	18
12) 2-Methylnaphthalene	12.00	142	21	0.00	ng	#	45
16) Acenaphthylene	13.89	152	205	0.00	ng	#	69
17) Acenaphthene	14.17	154	324	0.02	ng	#	1
18) Fluorene	15.22	166	78	Below Cal		#	47
20) 4-Bromophenyl-phenylether	16.07	248	6	0.00	ng	#	1
21) Hexachlorobenzene	16.14	284	58	Below Cal		#	1
22) Pentachlorophenol	16.56	266	25	0.19	ng	#	61
23) Phenanthrene	16.94	178	446	Below Cal		#	75
24) Anthracene	17.05	178	147	0.00	ng	#	83
25) Fluoranthene	18.96	202	365	0.01	ng	#	87
27) Pyrene	19.32	202	369	0.01	ng	#	83
29) Benzo(a)anthracene	21.06	228	787	0.02	ng	#	83
30) Chrysene	21.10	228	318	Below Cal		#	61
31) Bis(2-ethylhexyl)phthalate	20.99	149	1540	0.23	ng		94
32) Indeno(1,2,3-cd)pyrene	25.74	276	81	0.00	ng	#	77
34) Benzo(b)fluoranthene	22.67	252	287	0.01	ng	#	1
35) Benzo(k)fluoranthene	22.71	252	167	0.00	ng	#	1
36) Benzo(a)pyrene	23.25	252	154	0.00	ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	14	0.00	ng	#	1
38) Benzo(g,h,i)perylene	26.46	276	67	0.00	ng	#	1

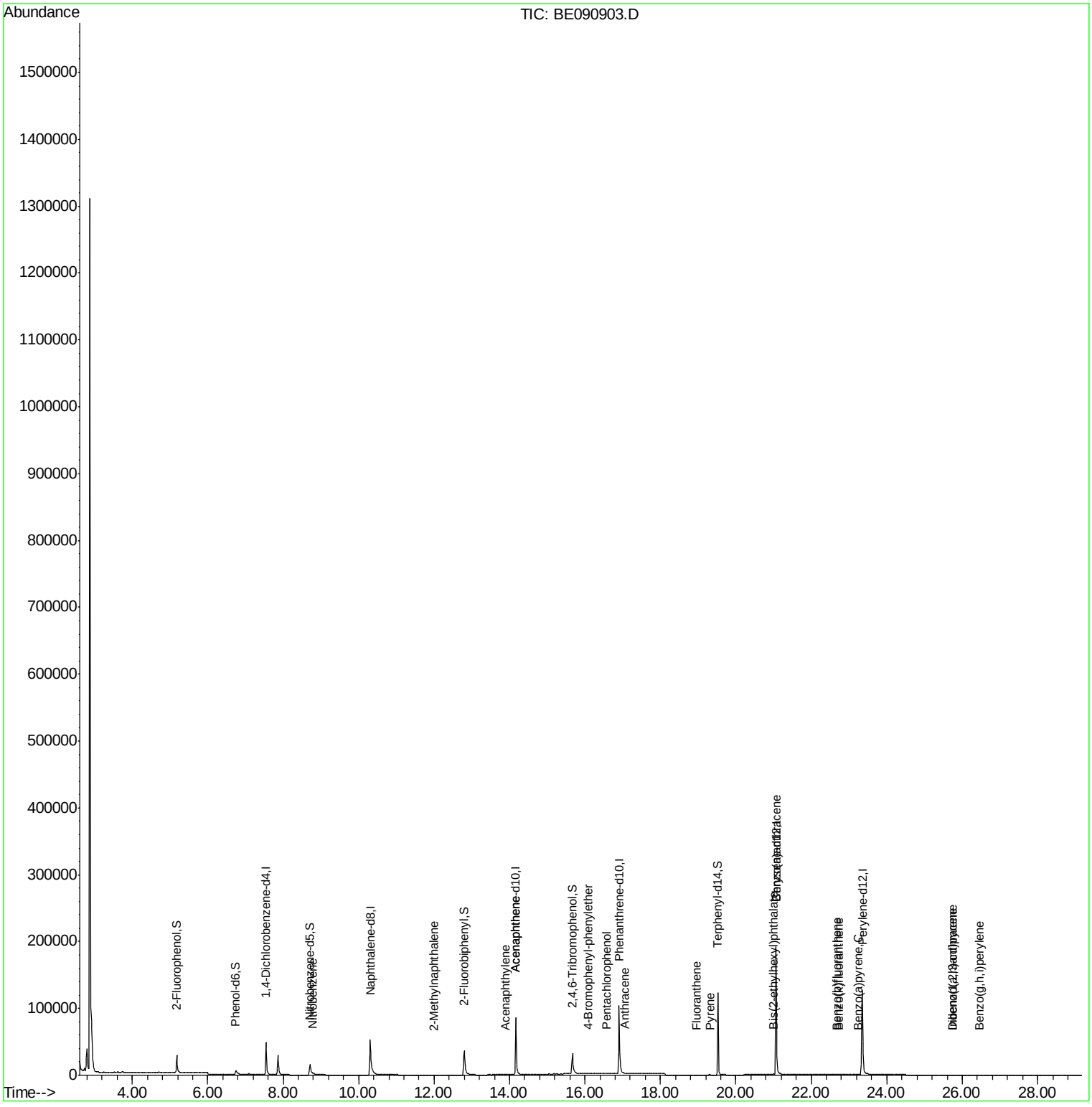
(#) = qualifier out of range (m) = manual integration (+) = signals summed

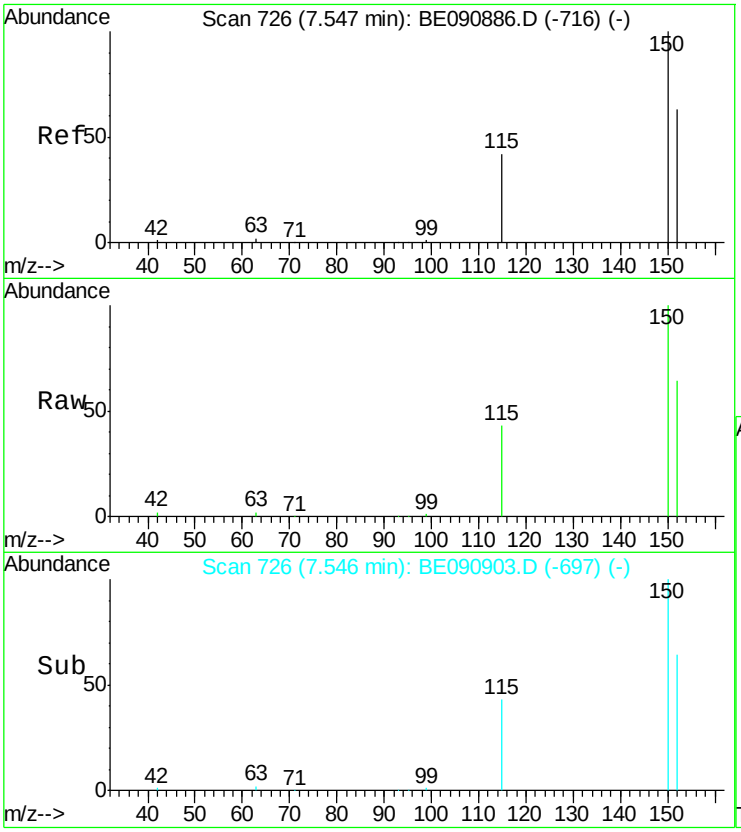
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090903.D
Acq On : 19 Sep 2015 9:17
Operator : UM/IZ
Sample : G3723-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 21 02:34:02 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



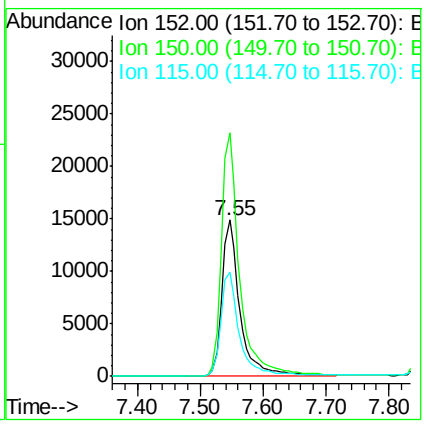


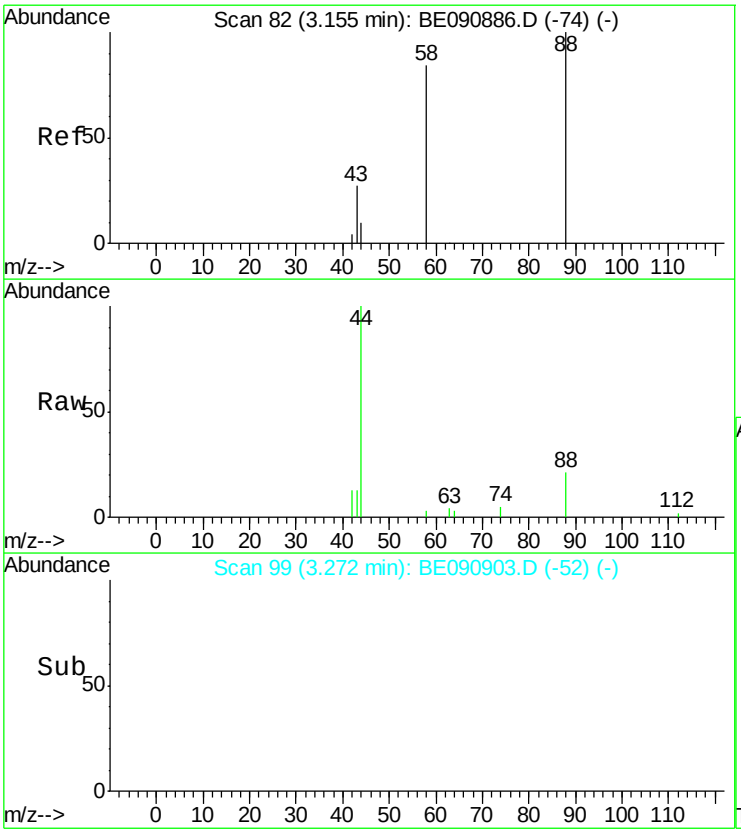
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:152 Resp: 29548

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.2	183.4
115	66.9	51.0	76.4

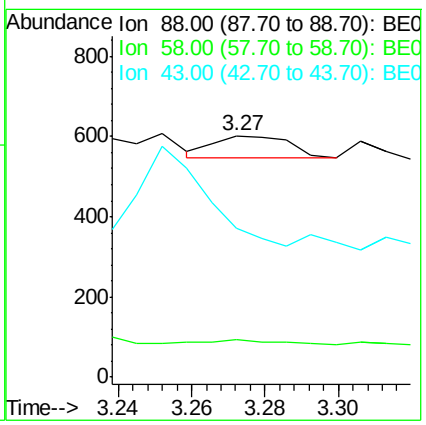


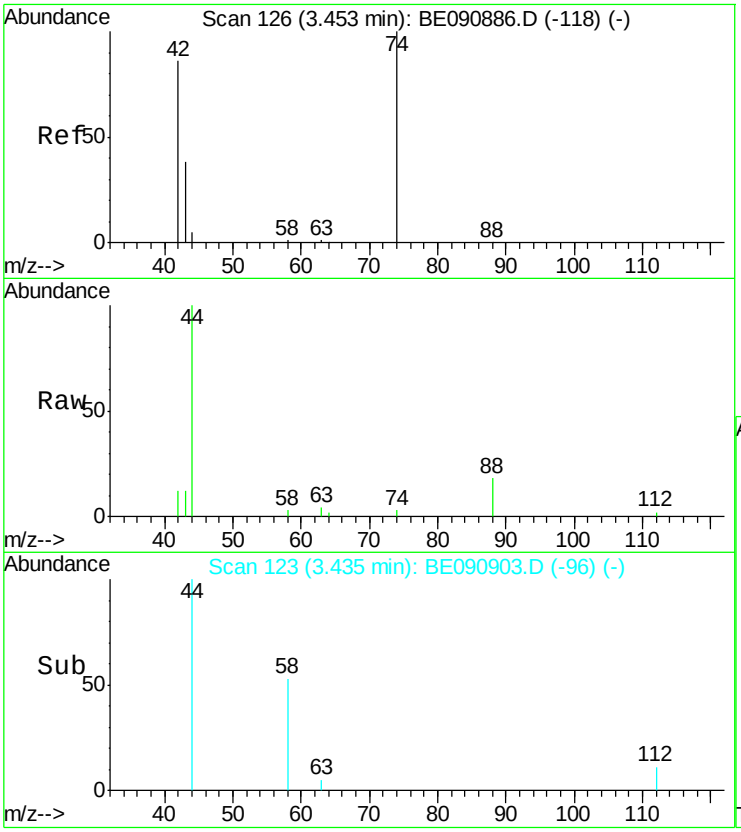


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.27 min Scan# 99
Delta R.T. 0.12 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion: 88 Resp: 81

Ion	Ratio	Lower	Upper
88	100		
58	23.5	68.4	102.6#
43	0.0	26.9	40.3#



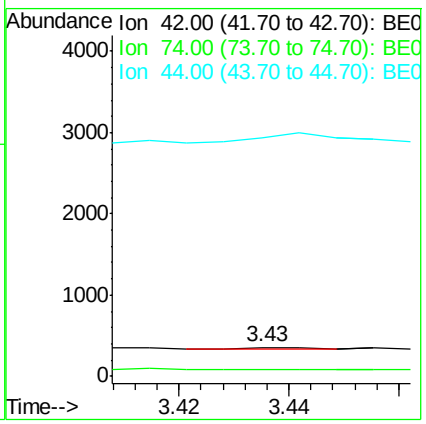


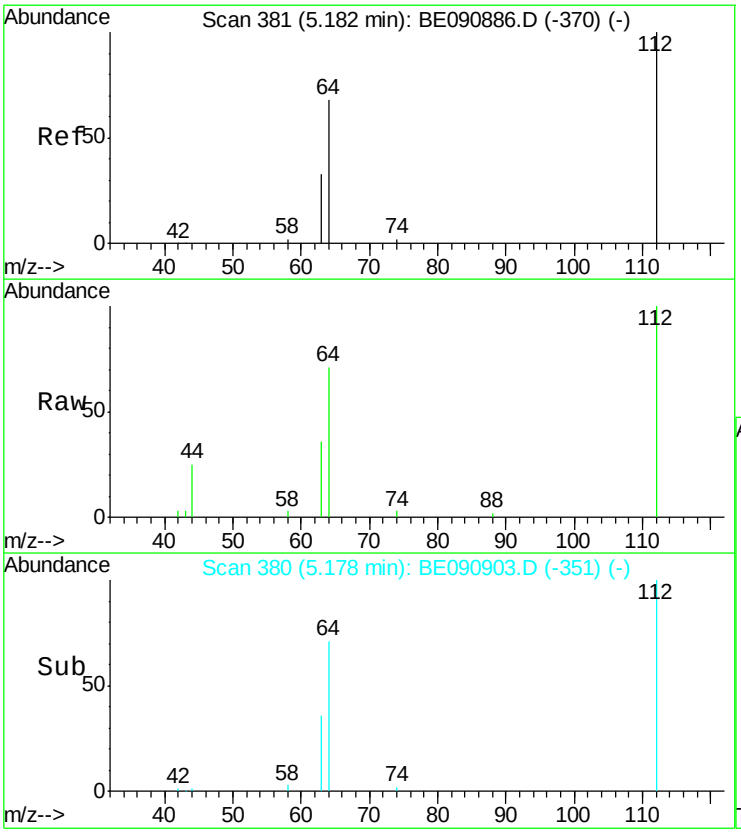
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 123
Delta R.T. -0.02 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion: 42 Resp: 21

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	971.4	10.0	15.0#

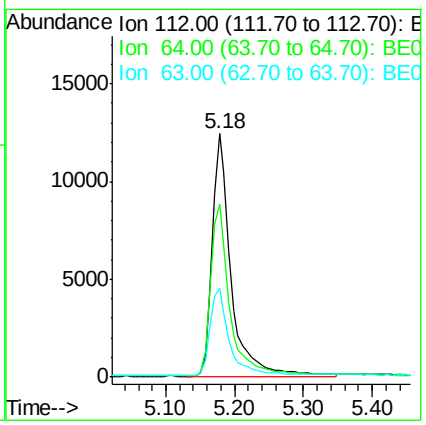


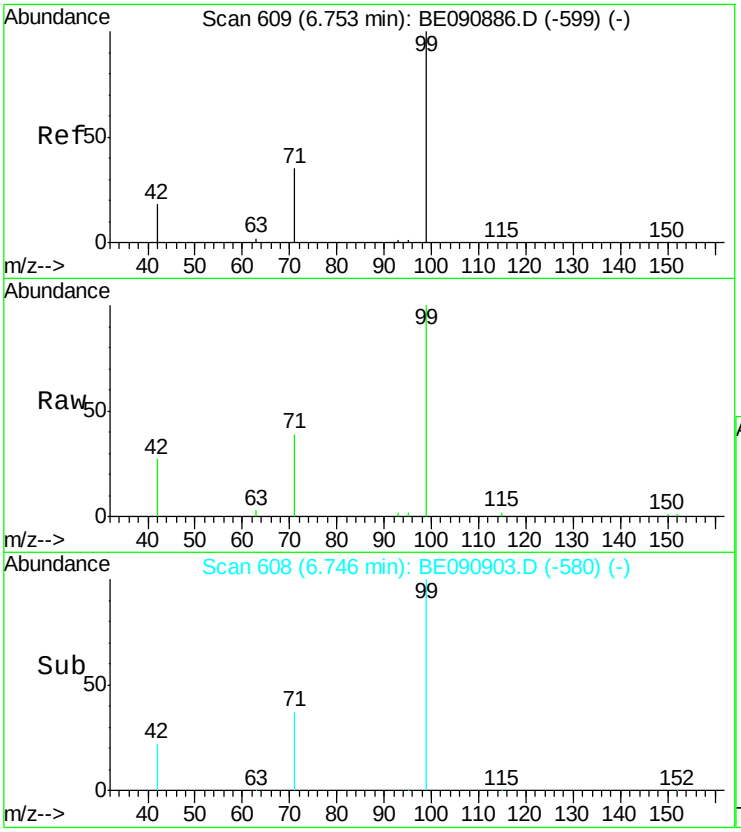


#4
2-Fluorophenol
Concen: 3.52 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:112 Resp: 23449

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.3	85.9
63	37.4	29.2	43.8



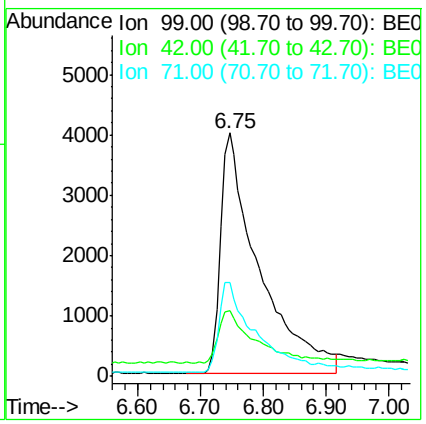


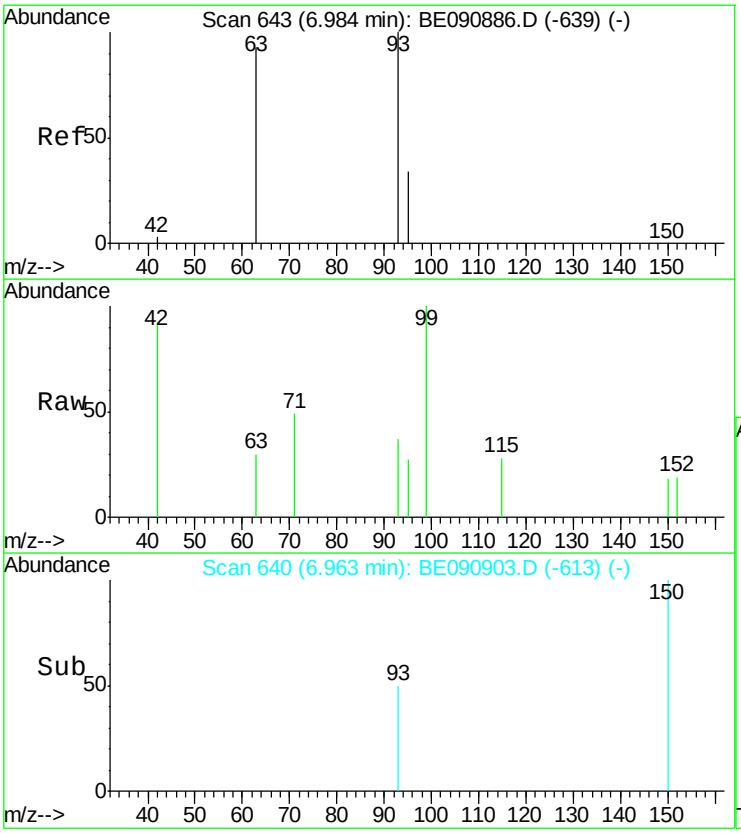
#5
Phenol-d6
Concen: 1.83 ng
RT: 6.75 min Scan# 608
Delta R.T. -0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion: 99 Resp: 16824

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	37.3	28.3	42.5

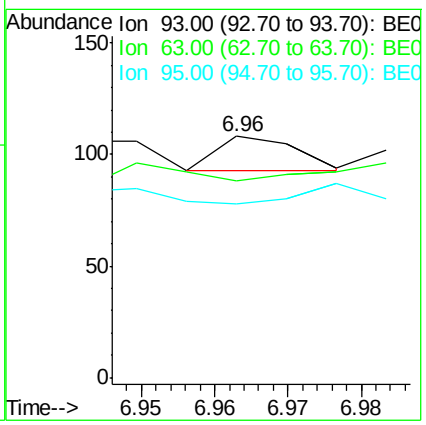


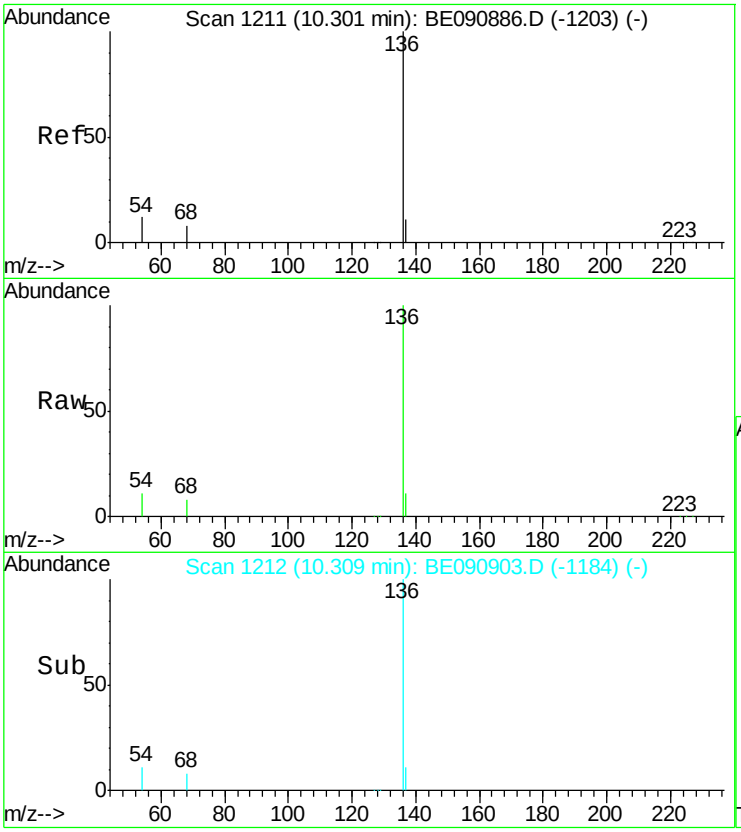


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 6.96 min Scan# 640
Delta R.T. -0.02 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion: 93 Resp: 11

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	181.8	26.9	40.3#



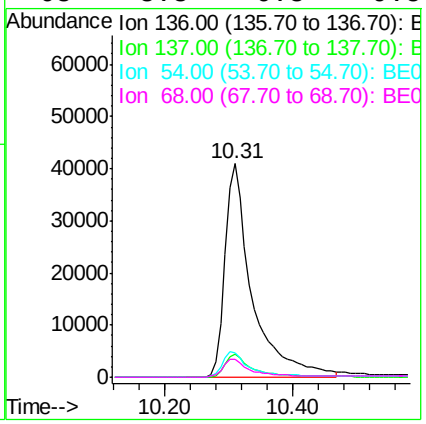


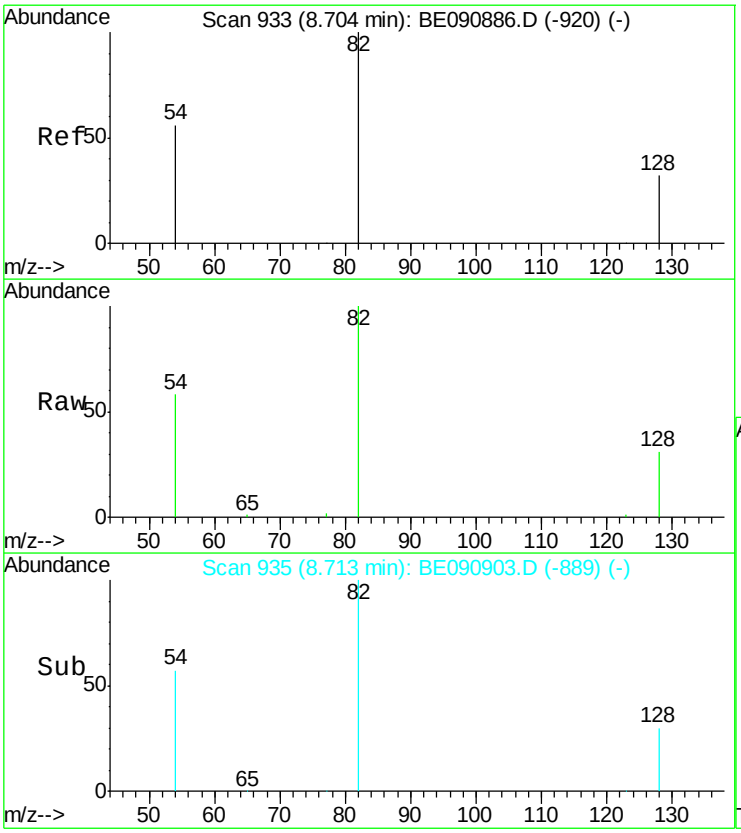
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:136 Resp: 119821

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.2	9.0	13.6
68	8.3	6.3	9.5

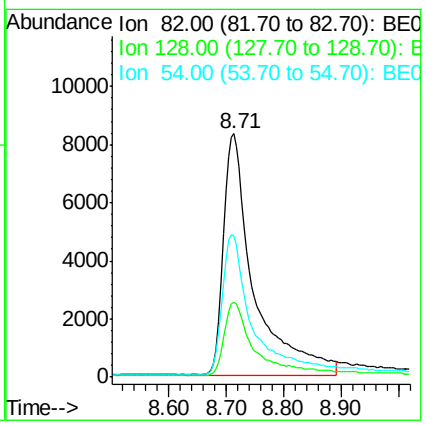


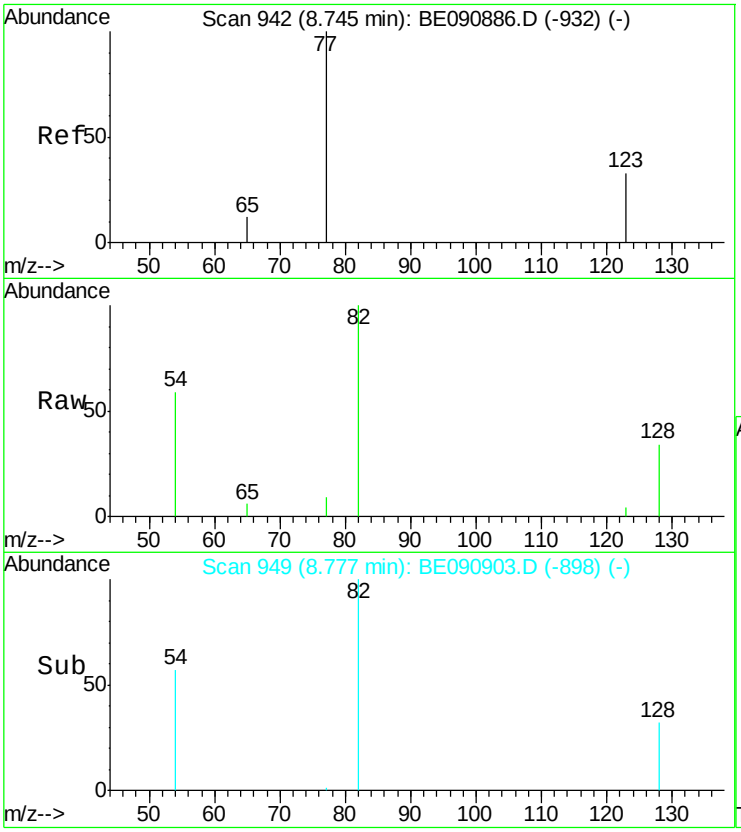


#8
Nitrobenzene-d5
Concen: 3.74 ng
RT: 8.71 min Scan# 935
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion: 82 Resp: 30915

Ion	Ratio	Lower	Upper
82	100		
128	30.9	25.0	37.4
54	58.0	46.3	69.5



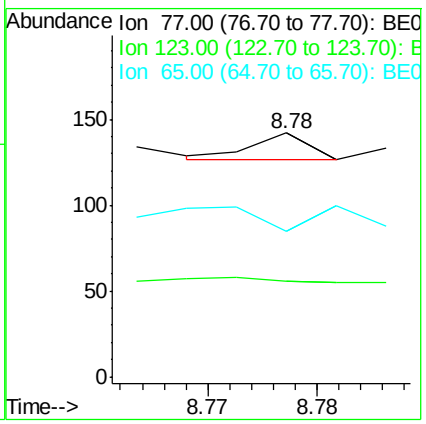


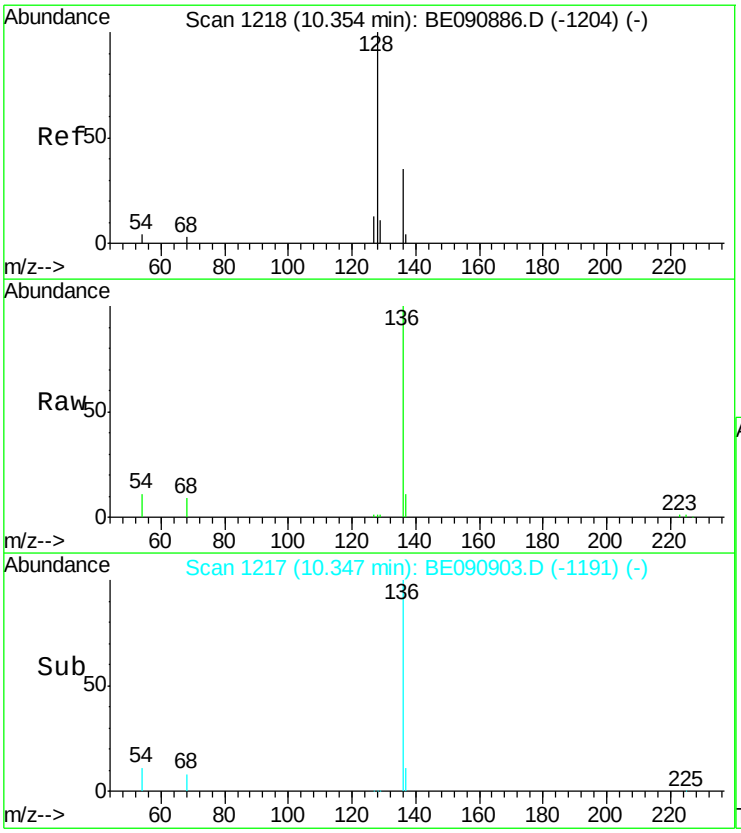
#9
Nitrobenzene
Concen: 0.00 ng
RT: 8.78 min Scan# 949
Delta R.T. 0.03 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion: 77 Resp: 5

Ion	Ratio	Lower	Upper
77	100		
123	140.0	25.1	37.7#
65	200.0	9.9	14.9#

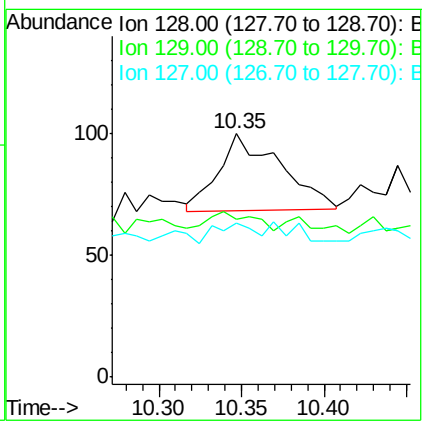


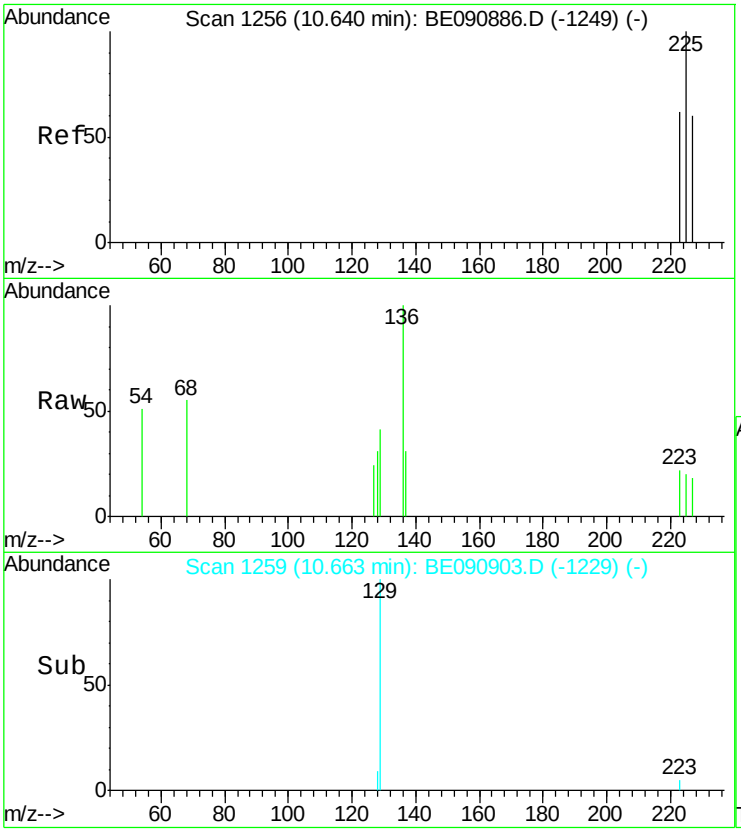


#10
Naphthalene
Concen: Below Cal
RT: 10.35 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:128 Resp: 82

Ion	Ratio	Lower	Upper
128	100		
129	65.0	8.4	12.6#
127	63.0	9.9	14.9#



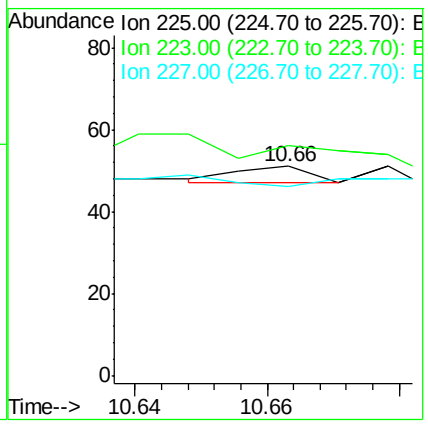


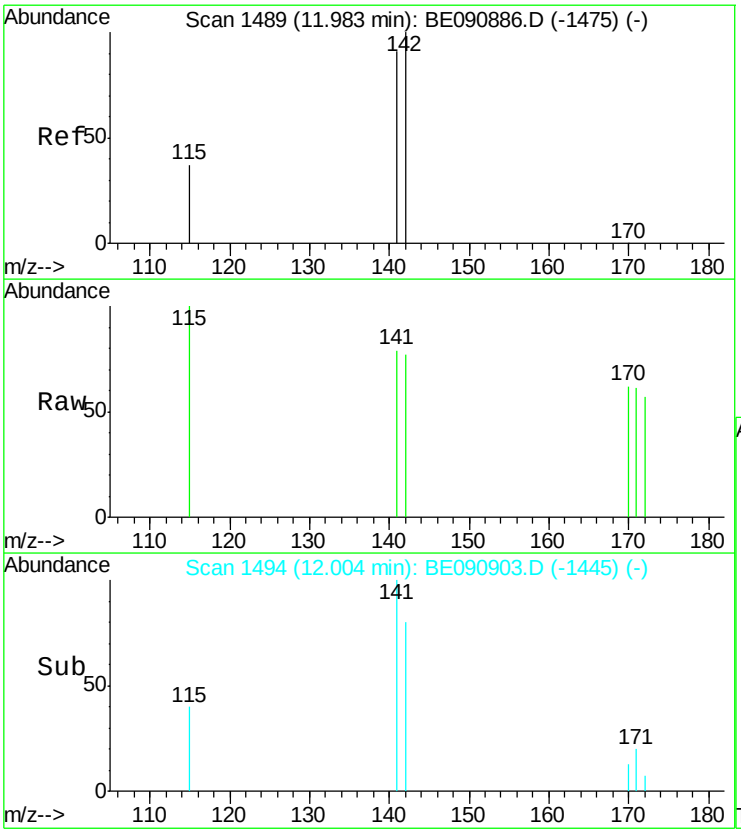
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.66 min Scan# 1259
Delta R.T. 0.02 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:225 Resp: 3

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

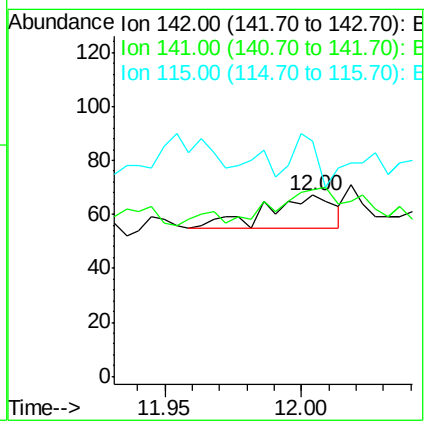


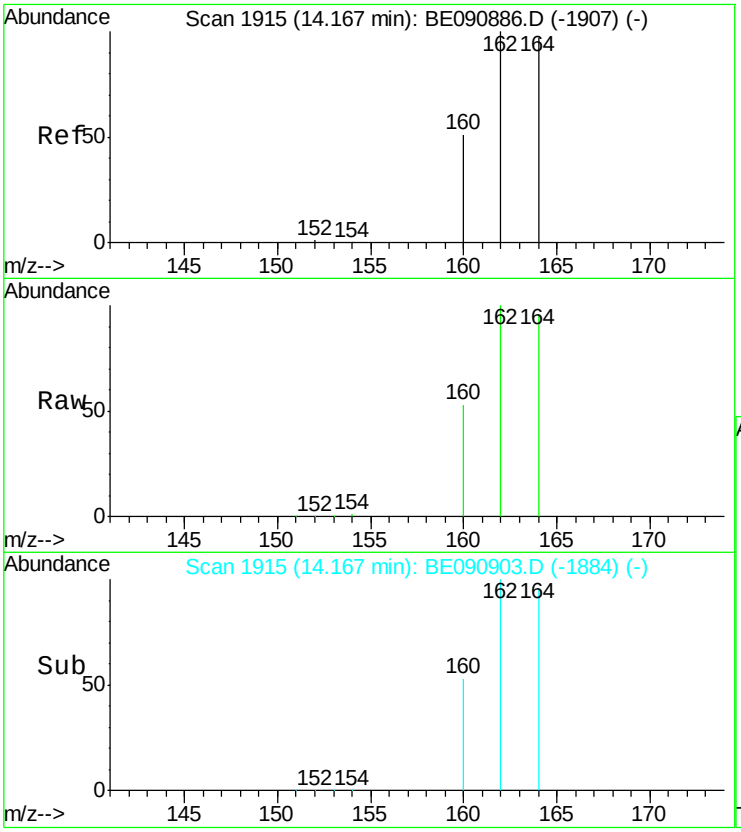


#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:142 Resp: 21

Ion	Ratio	Lower	Upper
142	100		
141	103.0	71.4	107.2
115	129.9	31.0	46.4#



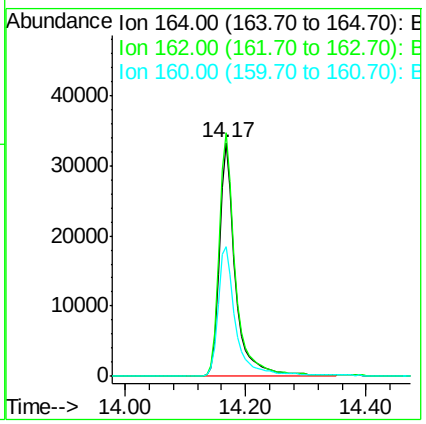


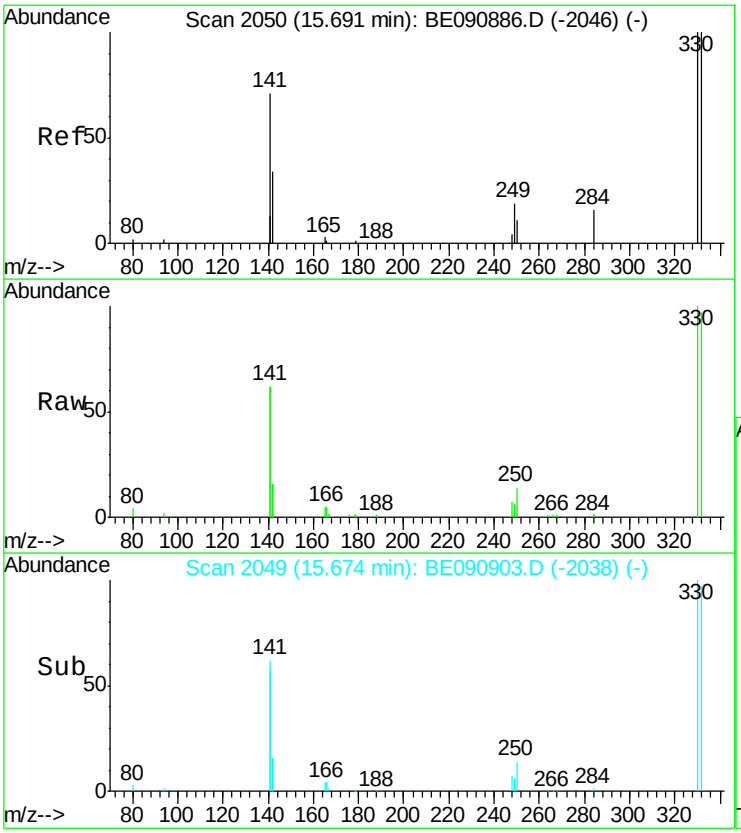
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:164 Resp: 61897

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.8	130.2
160	55.3	53.9	80.9

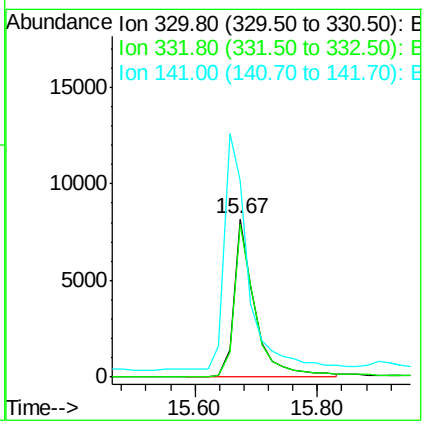


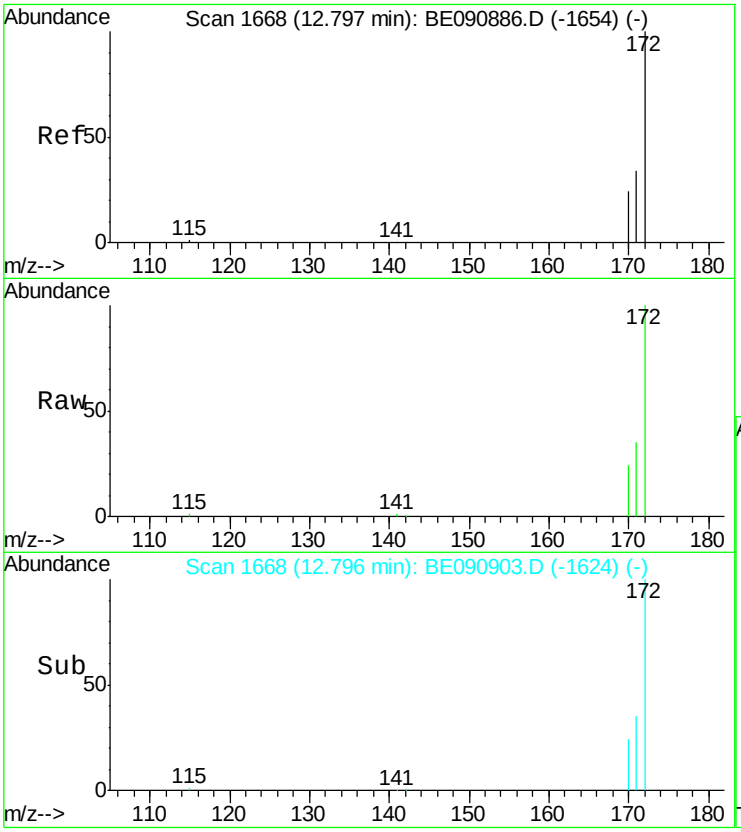


#14
2,4,6-Tribromophenol
Concen: 8.74 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:330 Resp: 19087

Ion	Ratio	Lower	Upper
330	100		
332	97.6	74.9	112.3
141	173.3	145.2	217.8



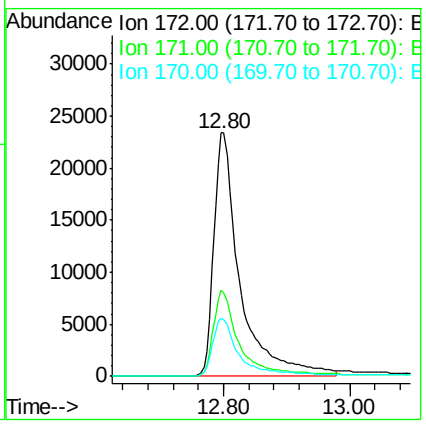


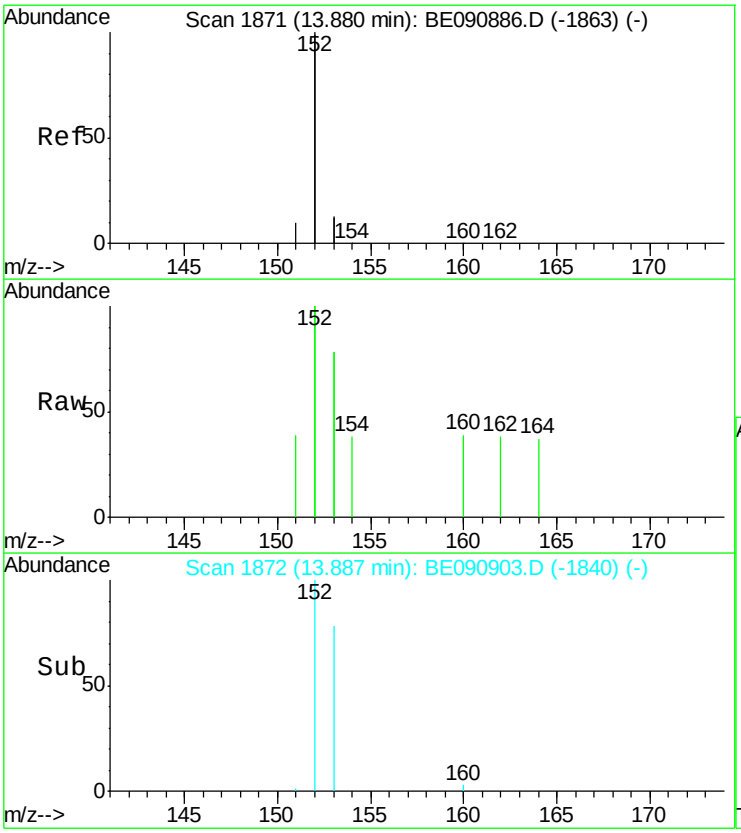
#15
2-Fluorobiphenyl
Concen: 3.83 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:172 Resp: 67157

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	24.0	19.8	29.6

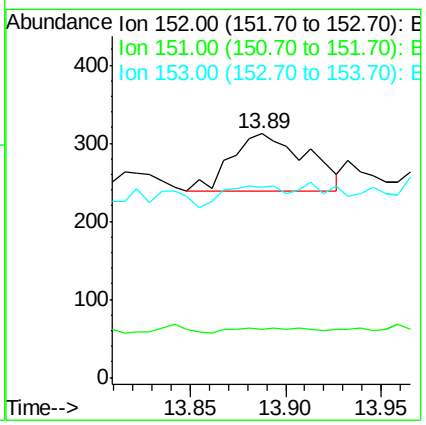


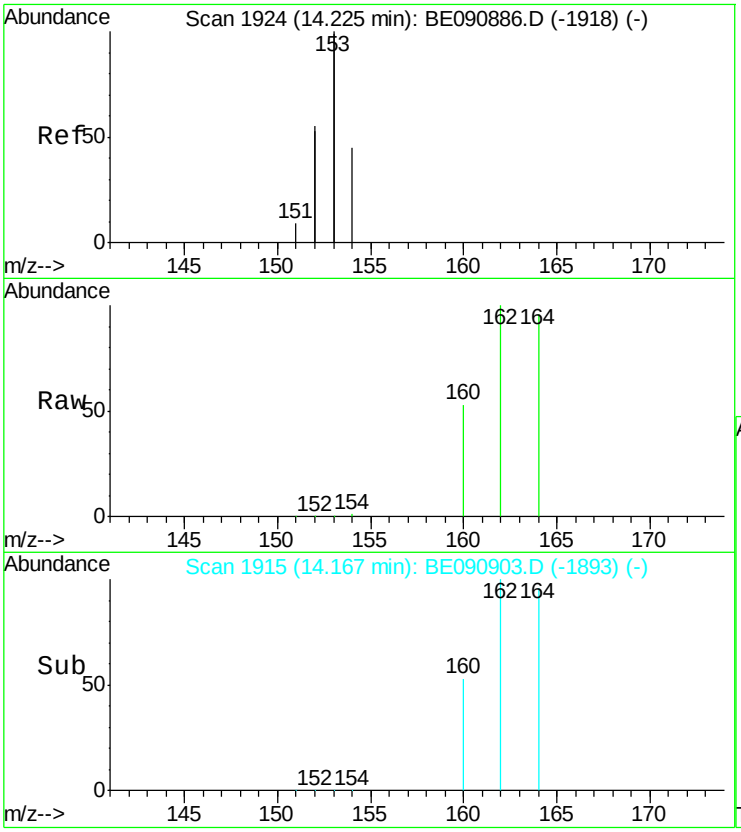


#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:152 Resp: 205

Ion	Ratio	Lower	Upper
152	100		
151	3.9	3.9	5.9#
153	29.3	10.3	15.5#



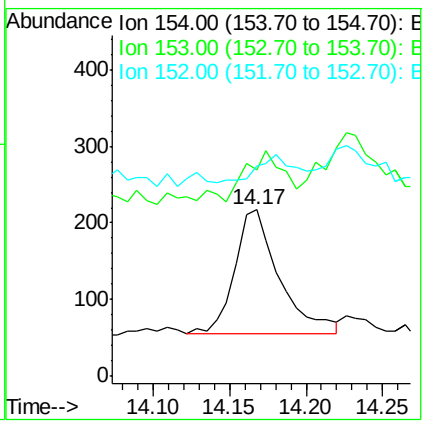


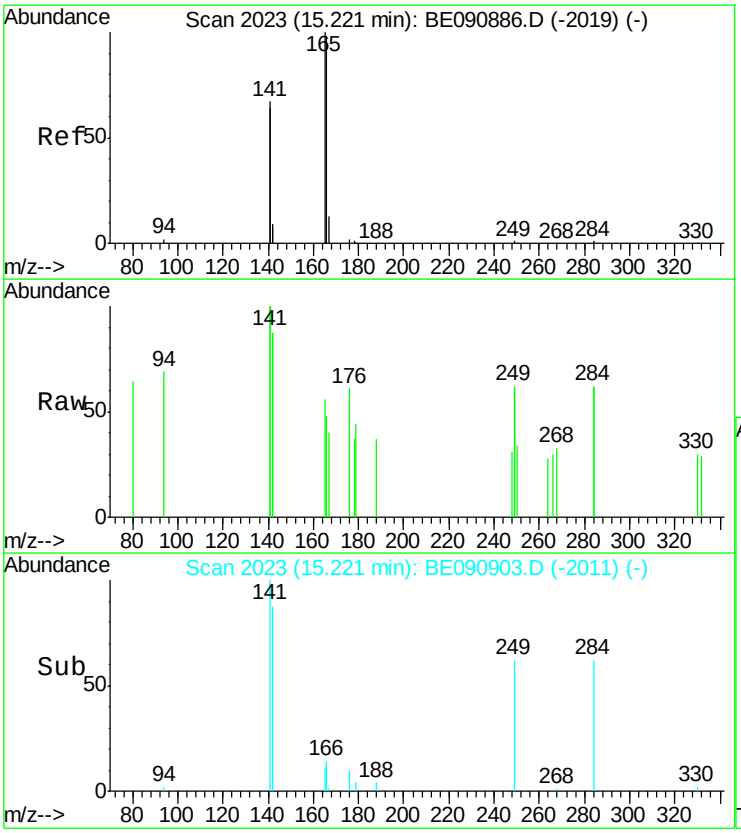
#17
Acenaphthene
Concen: 0.02 ng
RT: 14.17 min Scan# 1915
Delta R.T. -0.06 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:154 Resp: 324

Ion	Ratio	Lower	Upper
154	100		
153	34.6	354.5	531.7#
152	28.7	227.8	341.6#

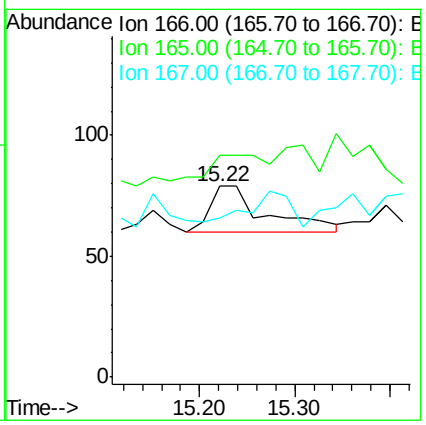


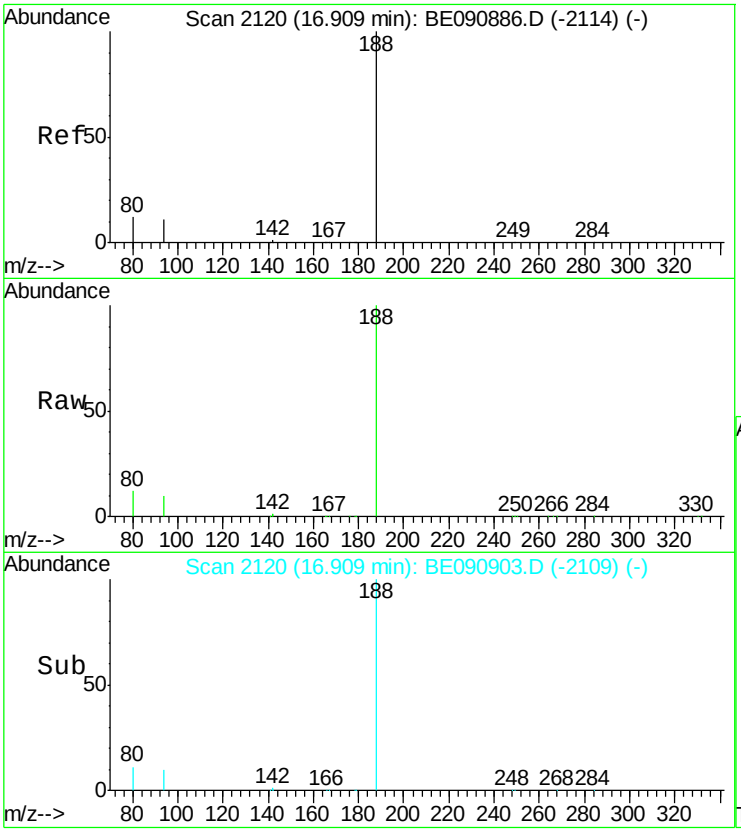


#18
Fluorene
Concen: Below Cal
RT: 15.22 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:166 Resp: 78

Ion	Ratio	Lower	Upper
166	100		
165	160.3	82.7	124.1#
167	0.0	10.7	16.1#



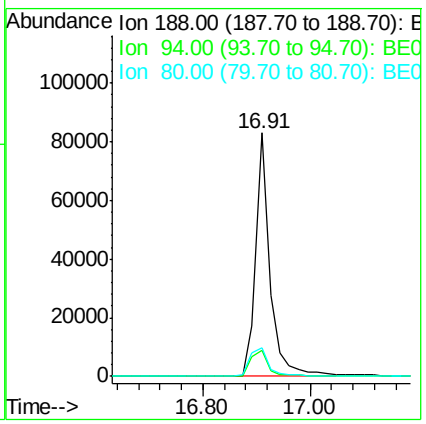


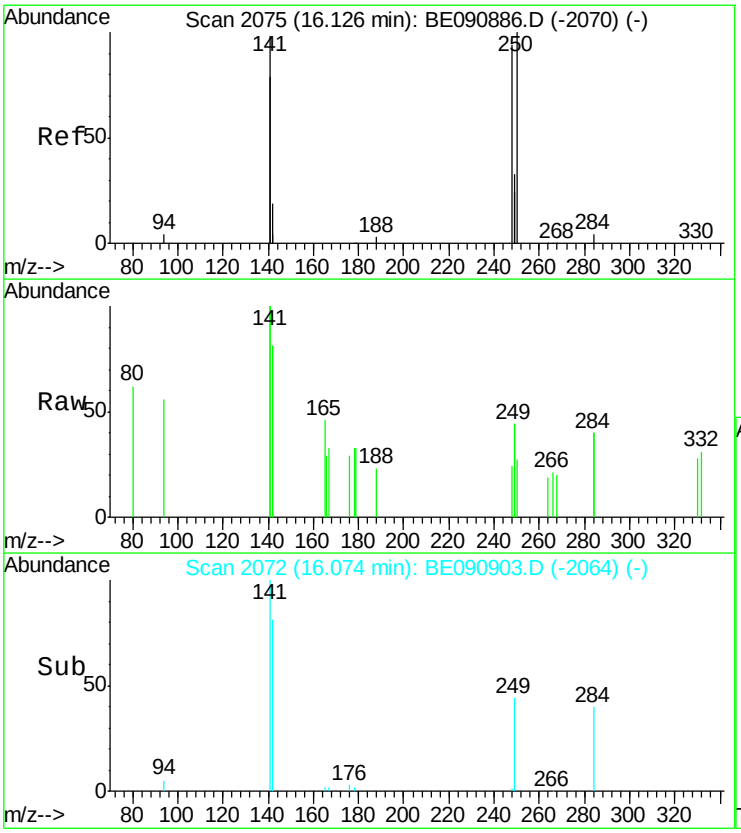
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:188 Resp: 152211

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.3	15.5
80	11.6	11.0	16.6

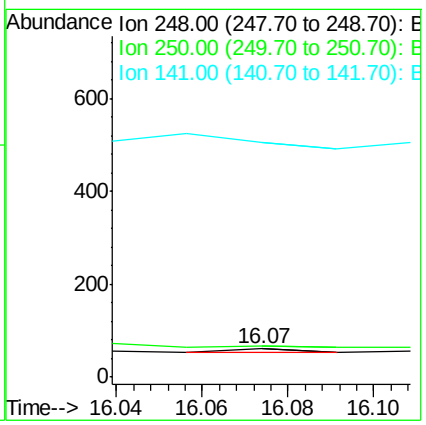


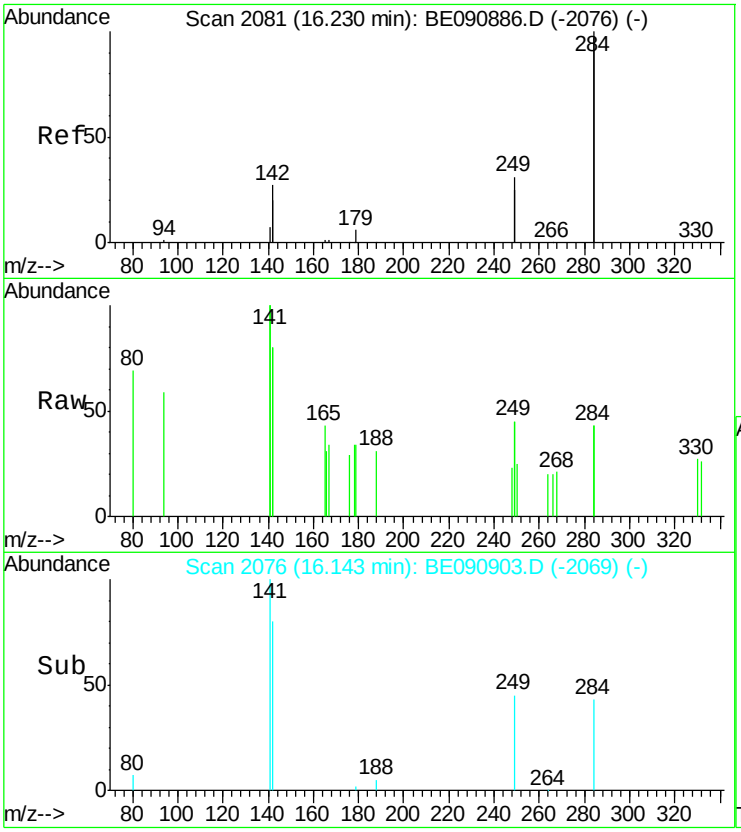


#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.07 min Scan# 2072
Delta R.T. -0.05 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.7	115.1#
141	3833.3	292.6	439.0#



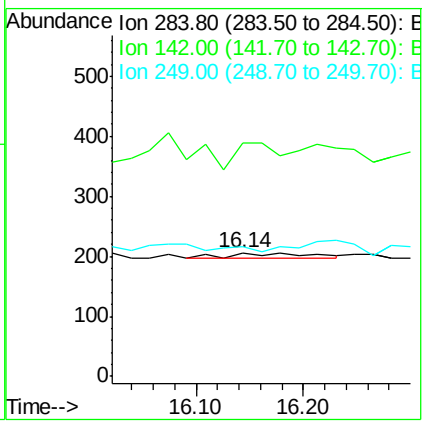


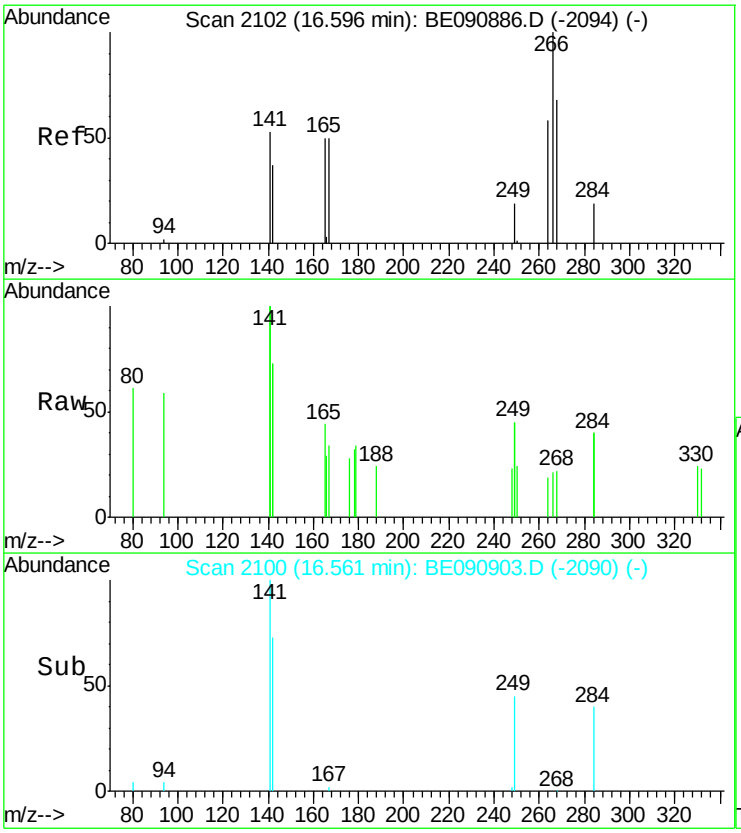
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.14 min Scan# 2076
Delta R.T. -0.09 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:284 Resp: 58

Ion	Ratio	Lower	Upper
284	100		
142	201.7	35.0	52.4#
249	0.0	25.5	38.3#

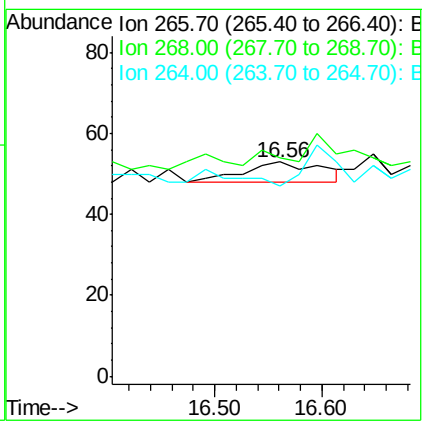


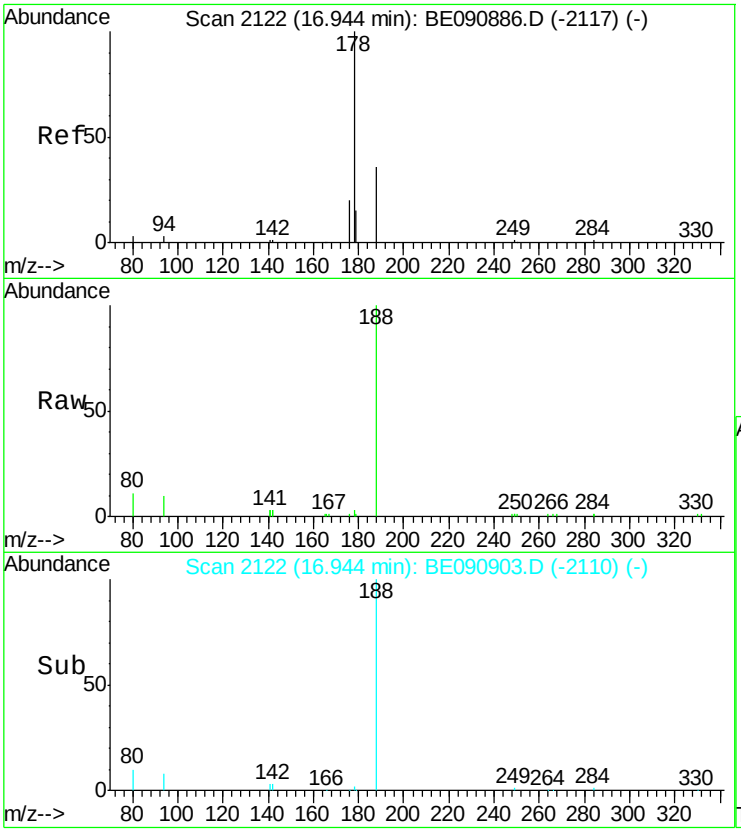


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.56 min Scan# 2100
Delta R.T. -0.03 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
268	101.9	49.6	74.4#
264	88.7	53.9	80.9#



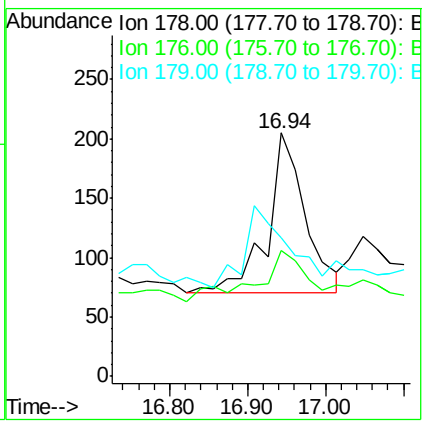


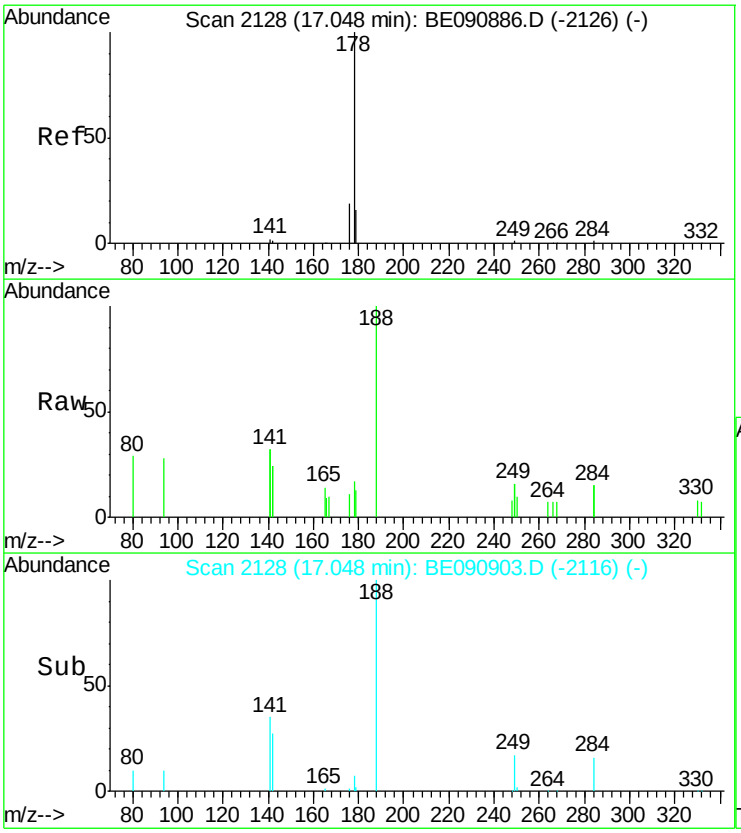
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:178 Resp: 446

Ion	Ratio	Lower	Upper
178	100		
176	26.0	15.6	23.4#
179	0.0	12.8	19.2#

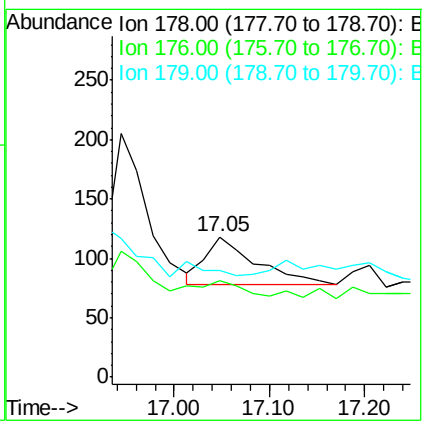


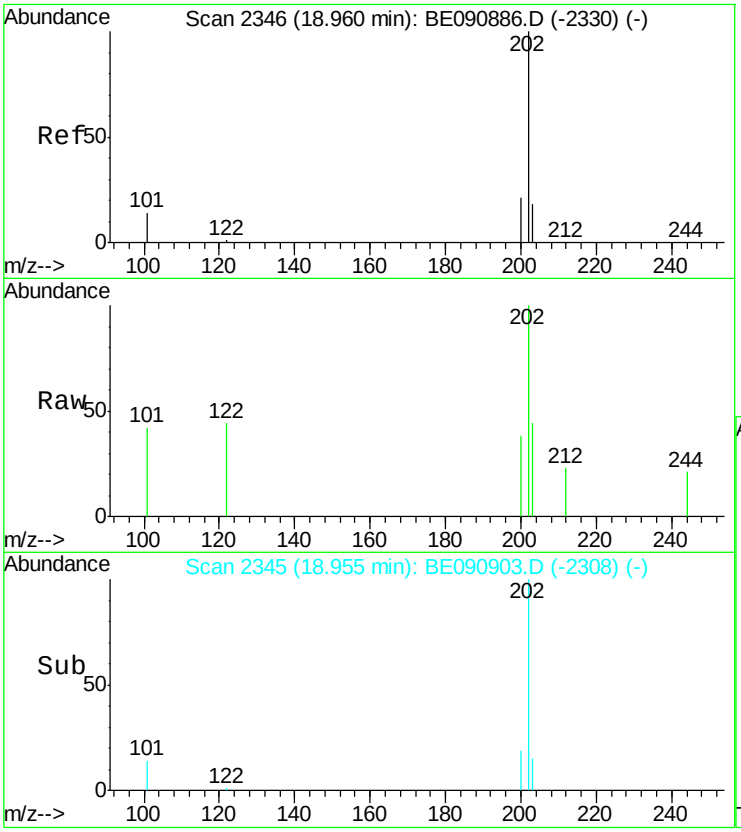


#24
Anthracene
Concen: 0.00 ng
RT: 17.05 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:178 Resp: 147

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	0.0	12.3	18.5#



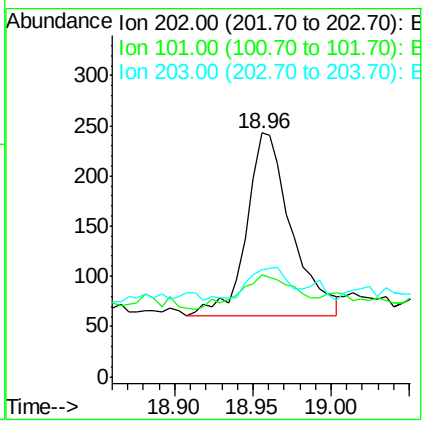


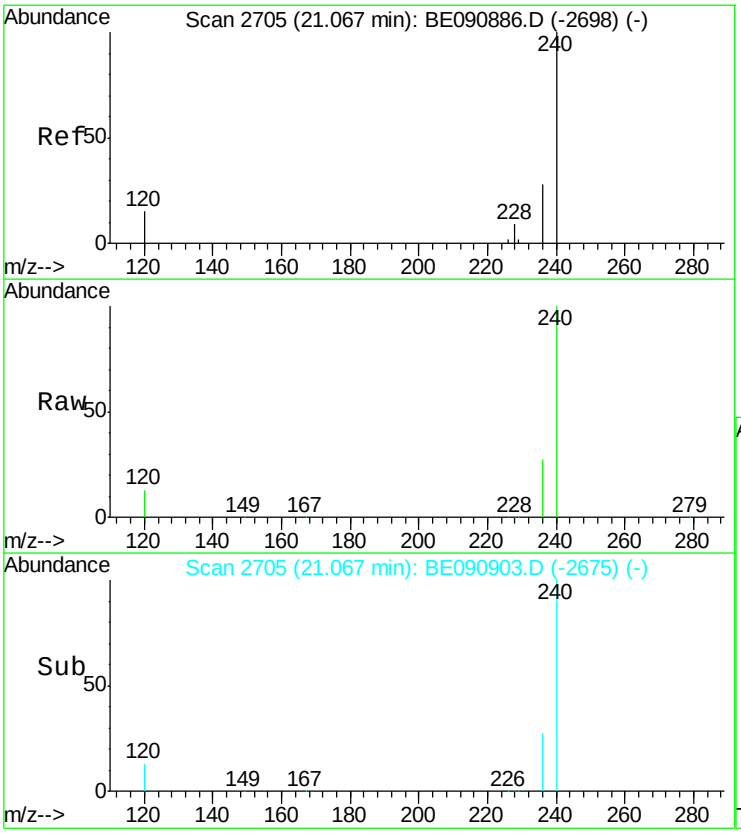
#25
Fluoranthene
Concen: 0.01 ng
RT: 18.96 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:202 Resp: 365

Ion	Ratio	Lower	Upper
202	100		
101	22.7	11.0	16.6#
203	14.8	13.9	20.9

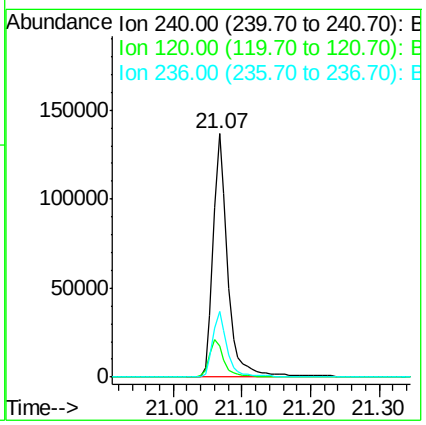


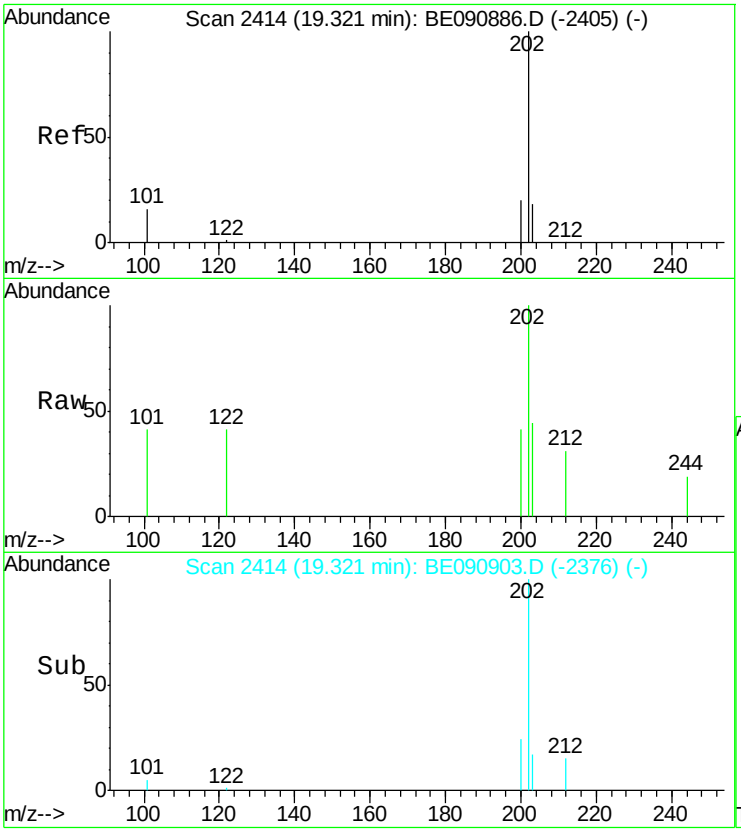


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:240 Resp: 202621

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.1	15.1
236	26.9	21.9	32.9



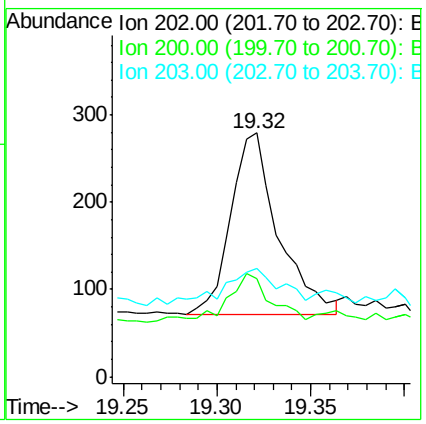


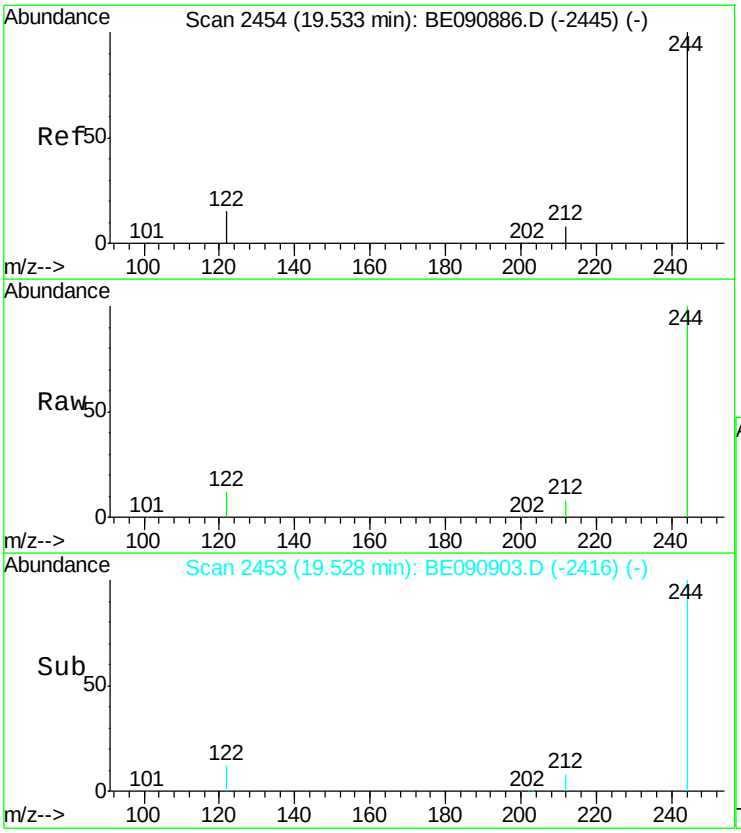
#27
Pyrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:202 Resp: 369

Ion	Ratio	Lower	Upper
202	100		
200	26.0	16.7	25.1#
203	27.9	13.8	20.6#

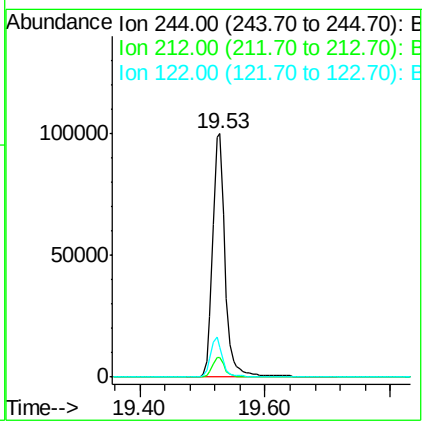


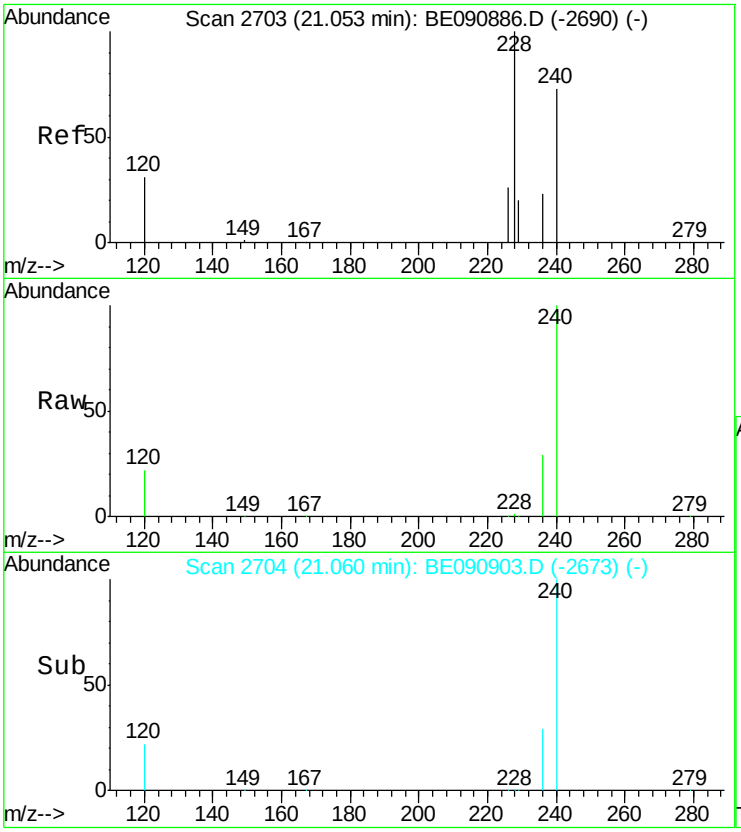


#28
Terphenyl-d14
Concen: 6.08 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:244 Resp: 138989

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	12.4	12.9	19.3#



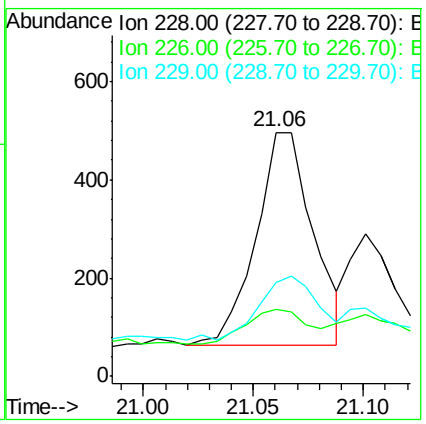


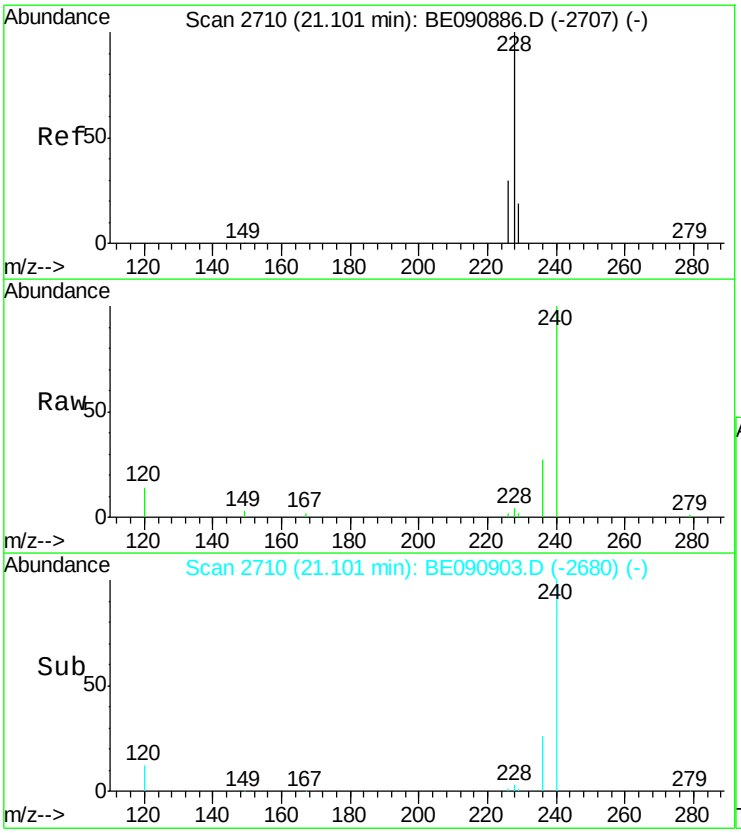
#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.06 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:228 Resp: 787

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	38.5	15.9	23.9#

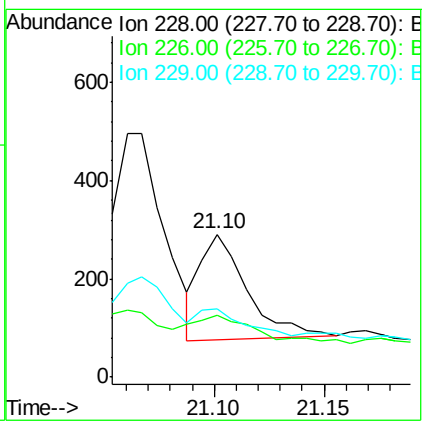


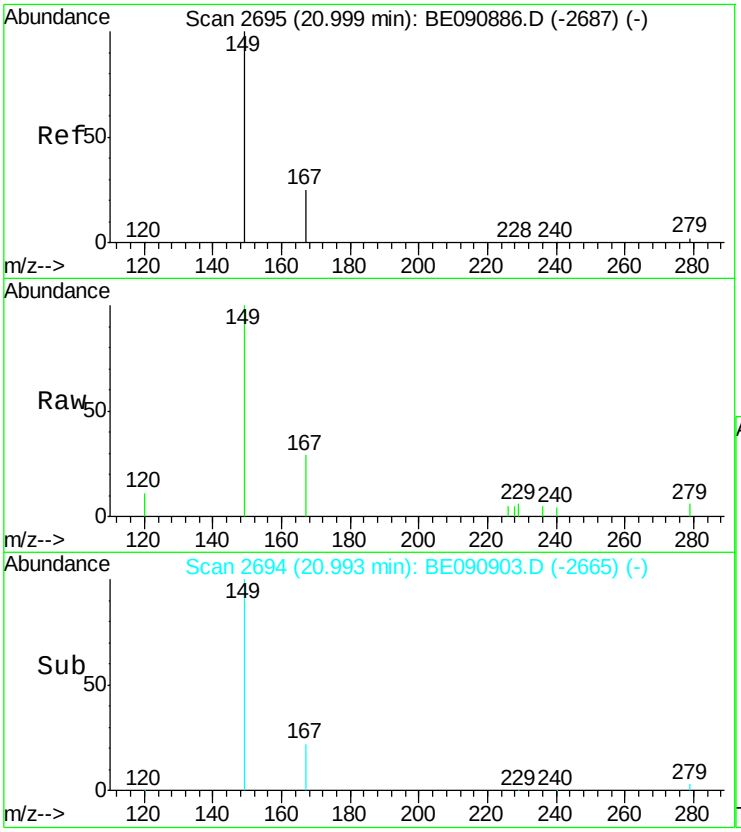


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:228 Resp: 318

Ion	Ratio	Lower	Upper
228	100		
226	43.1	24.2	36.4#
229	48.3	15.3	22.9#



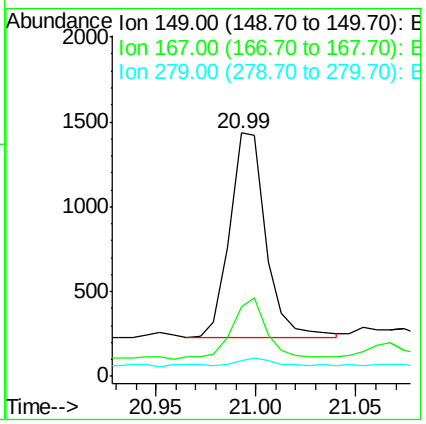


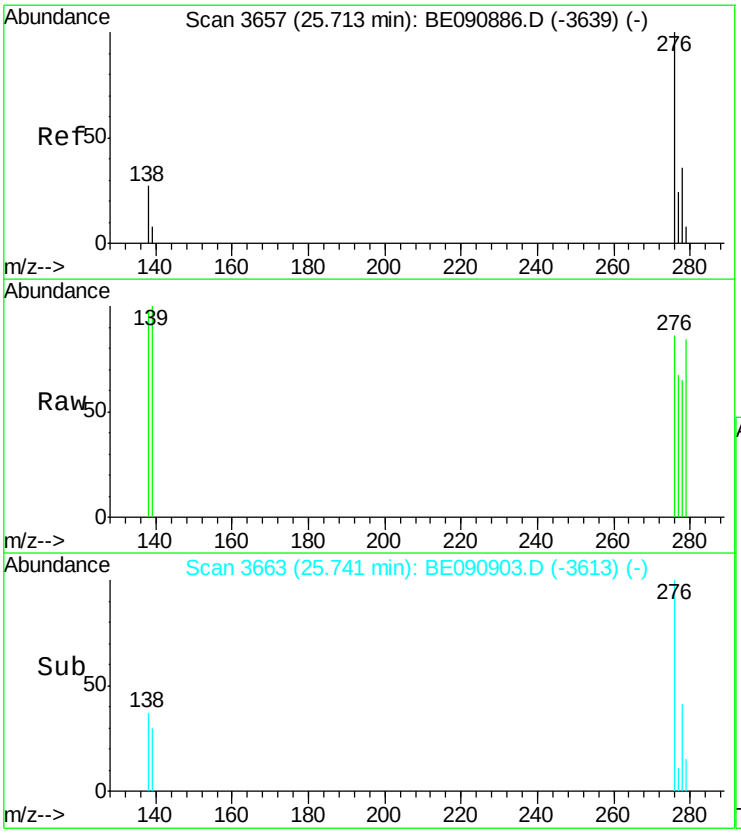
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 20.99 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:149 Resp: 1540

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.1	30.1
279	3.3	2.3	3.5

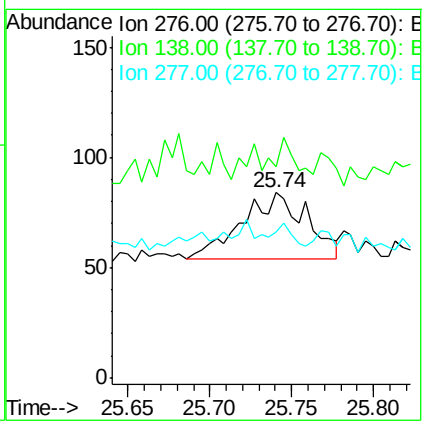


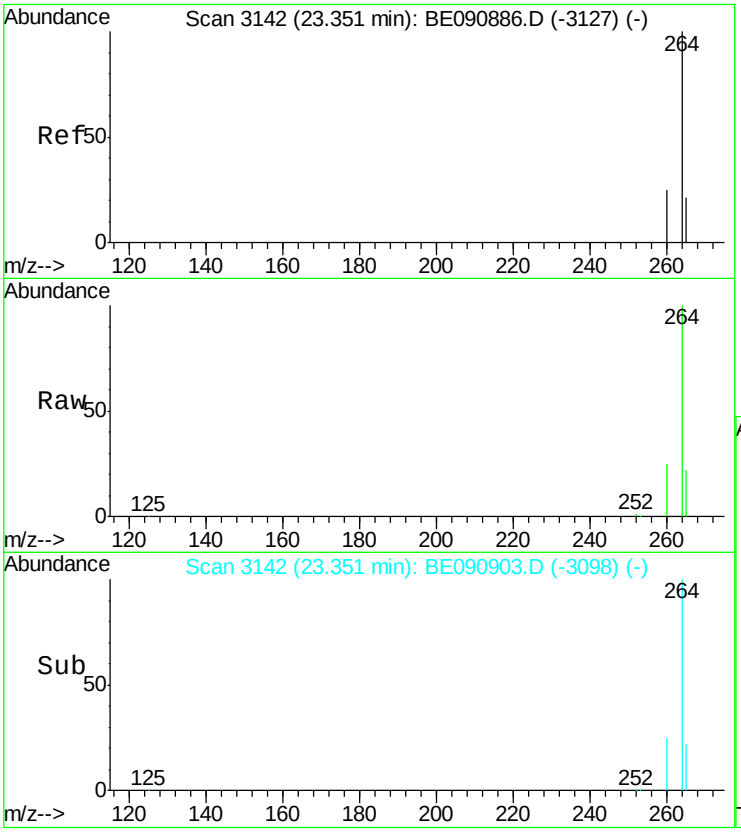


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.74 min Scan# 3663
Delta R.T. 0.03 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:276 Resp: 81

Ion	Ratio	Lower	Upper
276	100		
138	21.0	23.3	34.9#
277	8.6	19.8	29.6#



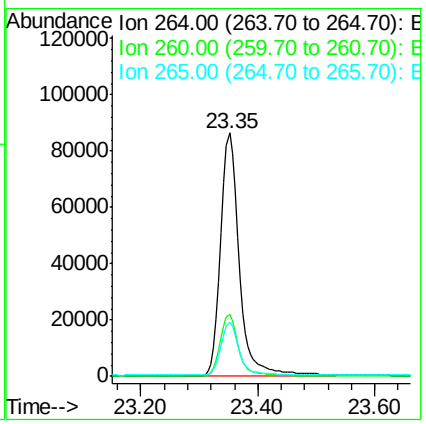


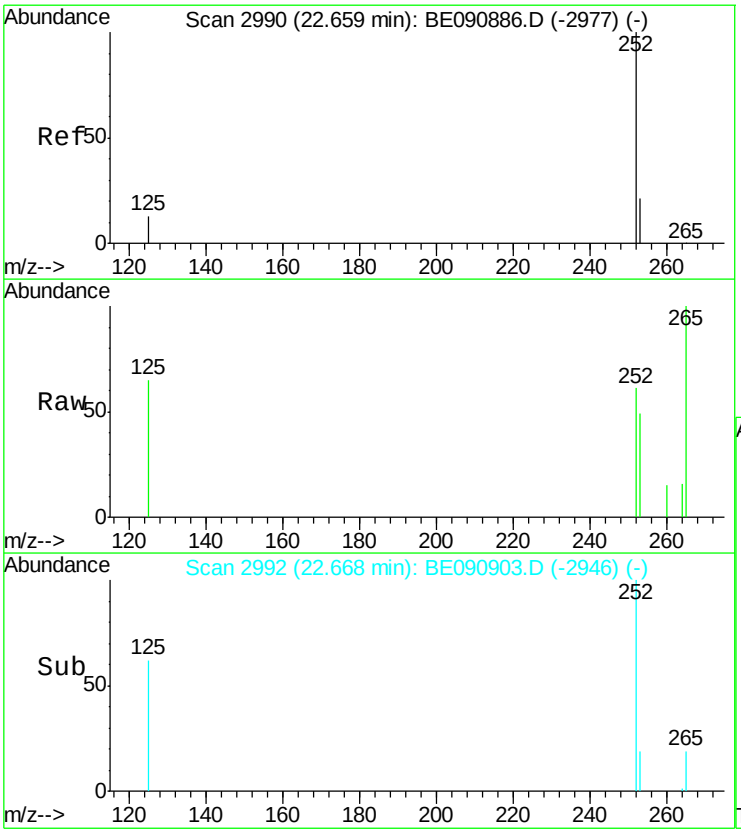
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:264 Resp: 190761

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

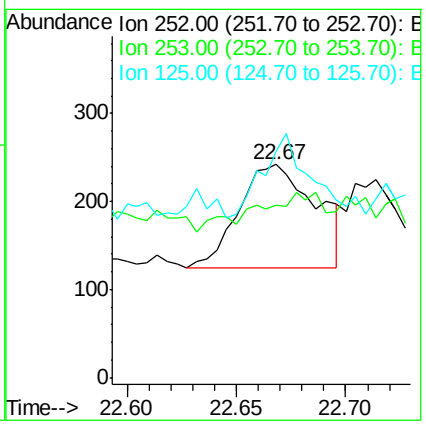


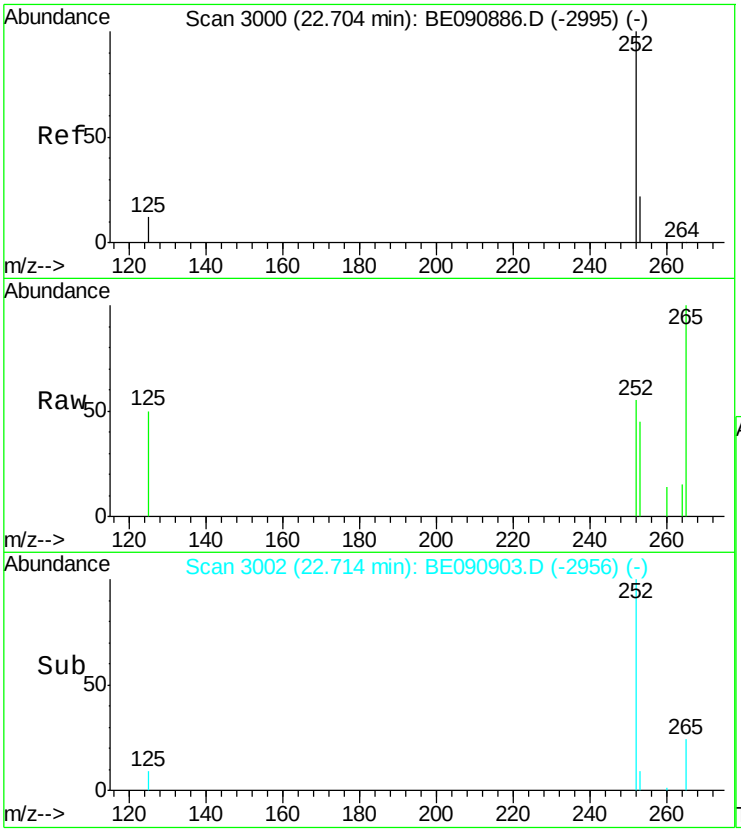


#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.67 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:252 Resp: 287

Ion	Ratio	Lower	Upper
252	100		
253	81.0	17.9	26.9#
125	106.2	10.6	16.0#



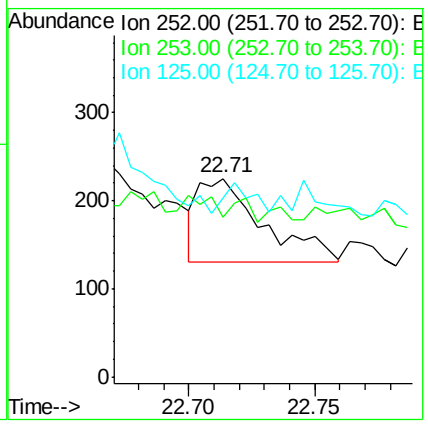


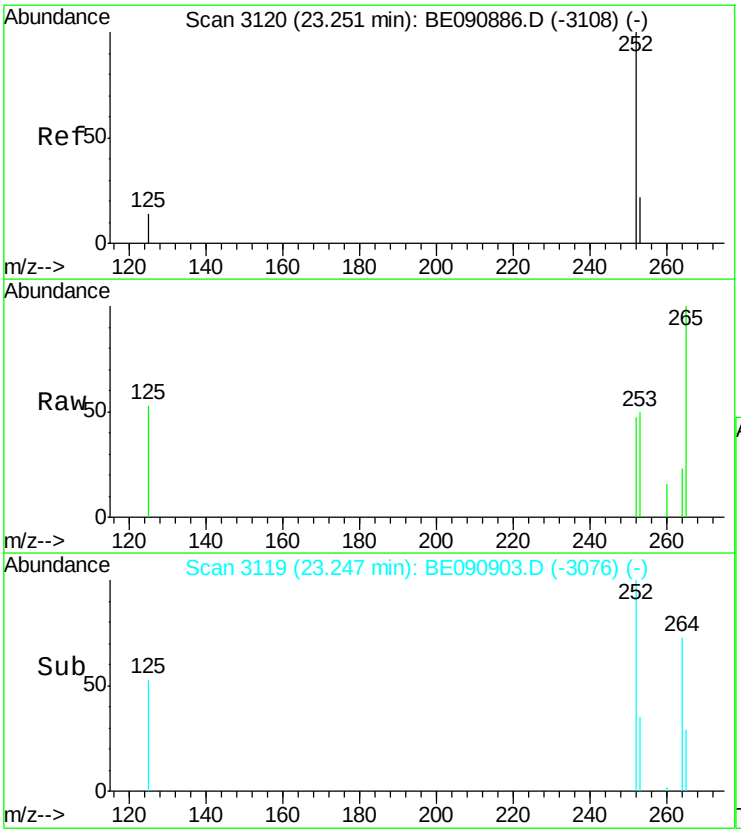
#35
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.71 min Scan# 3002
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:252 Resp: 167

Ion	Ratio	Lower	Upper
252	100		
253	80.9	17.9	26.9#
125	90.2	10.1	15.1#

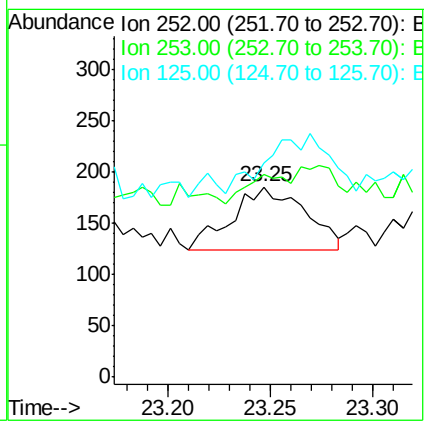


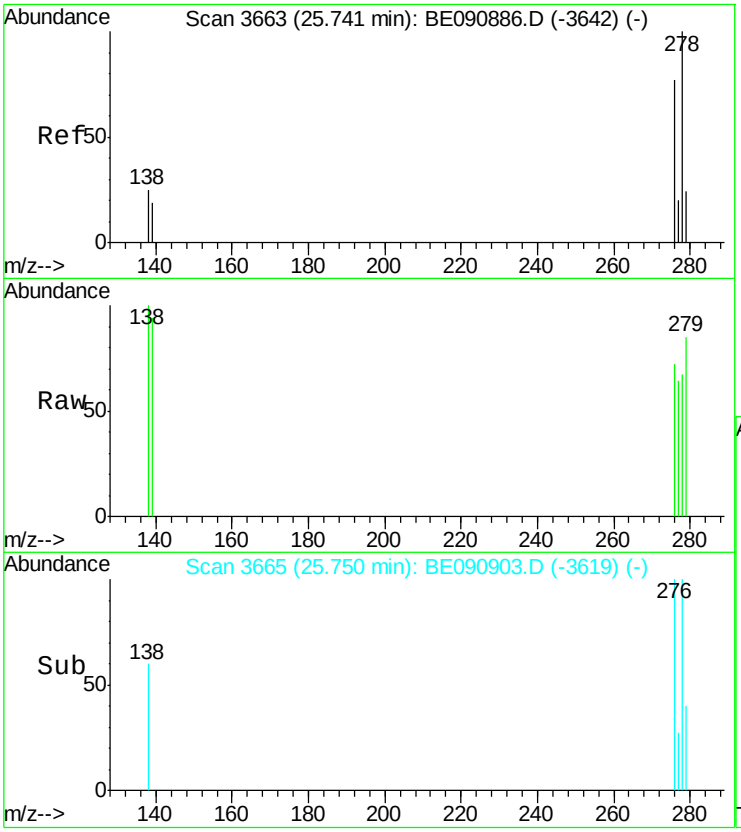


#36
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.25 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:252 Resp: 154

Ion	Ratio	Lower	Upper
252	100		
253	106.5	17.2	25.8#
125	112.4	18.0	27.0#



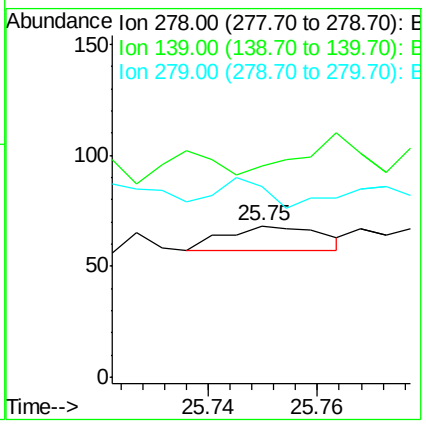


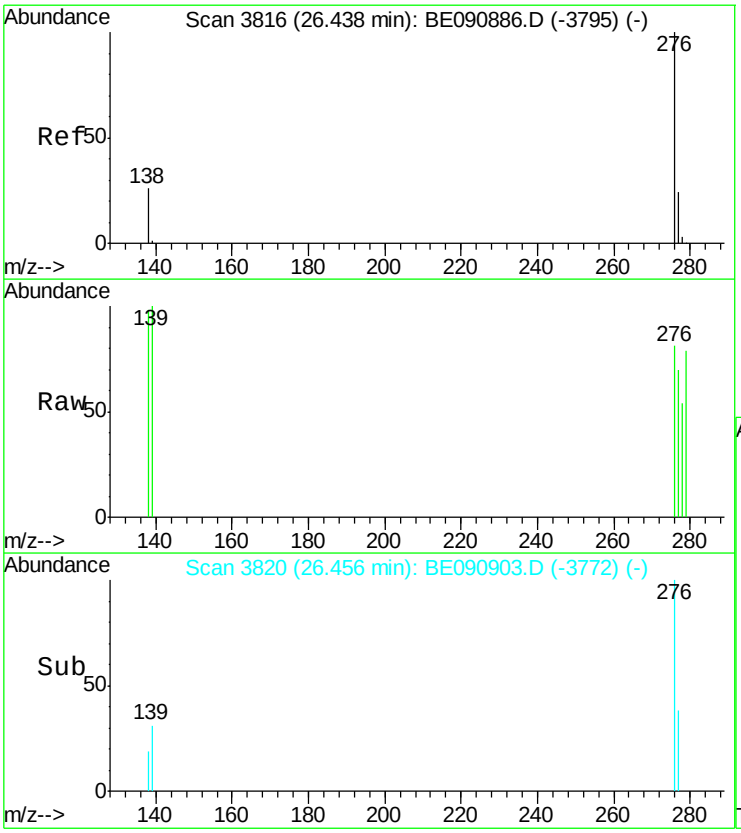
#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.75 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

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

Tgt Ion:278 Resp: 14

Ion	Ratio	Lower	Upper
278	100		
139	139.7	15.4	23.0#
279	126.5	18.8	28.2#





#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.46 min Scan# 3820
Delta R.T. 0.02 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:276 Resp: 67

Ion	Ratio	Lower	Upper
276	100		
277	86.4	18.5	27.7#
138	121.0	20.1	30.1#