Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090894.D
Acq On : 19 Sep 2015 3:52
Operator : UM/IZ
Sample : G3700-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091515-P004-E-D-M

Quant Time: Sep 19 04:24:47 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 19 03:48:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	29478	5.00	ng		0.00
7) Naphthalene-d8	10.31	136	125255	5.00	ng		0.00
13) Acenaphthene-d10	14.16	164	67193	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	163826	5.00	ng		0.00
26) Chrysene-d12	21.07	240	214785	5.00	ng		0.00
33) Perylene-d12	23.35	264	207202	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	25140	3.78	ng		0.00
5) Phenol-d6	6.75	99	19377	2.11	ng		0.00
8) Nitrobenzene-d5	8.71	82	33035	3.83	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	19053	8.03	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	74069	3.89	ng		0.00
28) Terphenyl-d14	19.52	244	140659	5.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	38	Below Cal		#	16
3) n-Nitrosodimethylamine	3.46	42	74	Below Cal		#	1
6) bis(2-Chloroethyl)ether	6.98	93	9	Below Cal		#	16
9) Nitrobenzene	8.78	77	18	0.00	ng	#	50
10) Naphthalene	10.36	128	904	Below Cal		#	60
11) Hexachlorobutadiene	10.54	225	8	Below Cal			92
12) 2-Methylnaphthalene	12.00	142	209	0.01	ng	#	68
16) Acenaphthylene	13.88	152	730	0.01	ng	#	87
17) Acenaphthene	14.22	154	75	0.00	ng		70
18) Fluorene	15.24	166	283	Below Cal		#	7
20) 4-Bromophenyl-phenylether	16.11	248	19	0.00	ng	#	11
21) Hexachlorobenzene	16.27	284	69	Below Cal		#	60
22) Pentachlorophenol	16.61	266	73	0.20	ng	#	67
23) Phenanthrene	16.94	178	1269	Below Cal		#	82
24) Anthracene	17.05	178	201	0.01	ng	#	81
25) Fluoranthene	18.96	202	497	0.01	ng	#	93
27) Pyrene	19.32	202	603	0.01	ng		96
29) Benzo(a)anthracene	21.06	228	1085	0.02	ng	#	86
30) Chrysene	21.10	228	641	Below Cal		#	73
31) Bis(2-ethylhexyl)phthalate	21.00	149	1050	0.21	ng	#	95
32) Indeno(1,2,3-cd)pyrene	25.72	276	124	0.00	ng	#	55
34) Benzo(b)fluoranthene	22.66	252	467	0.01	ng	#	1
35) Benzo(k)fluoranthene	22.71	252	364	0.01	ng	#	1
36) Benzo(a)pyrene	23.25	252	312	0.01	ng	#	1
37) Dibenzo(a,h)anthracene	25.76	278	194	0.00	ng	#	1
38) Benzo(g,h,i)perylene	26.46	276	322	0.01	ng	#	17

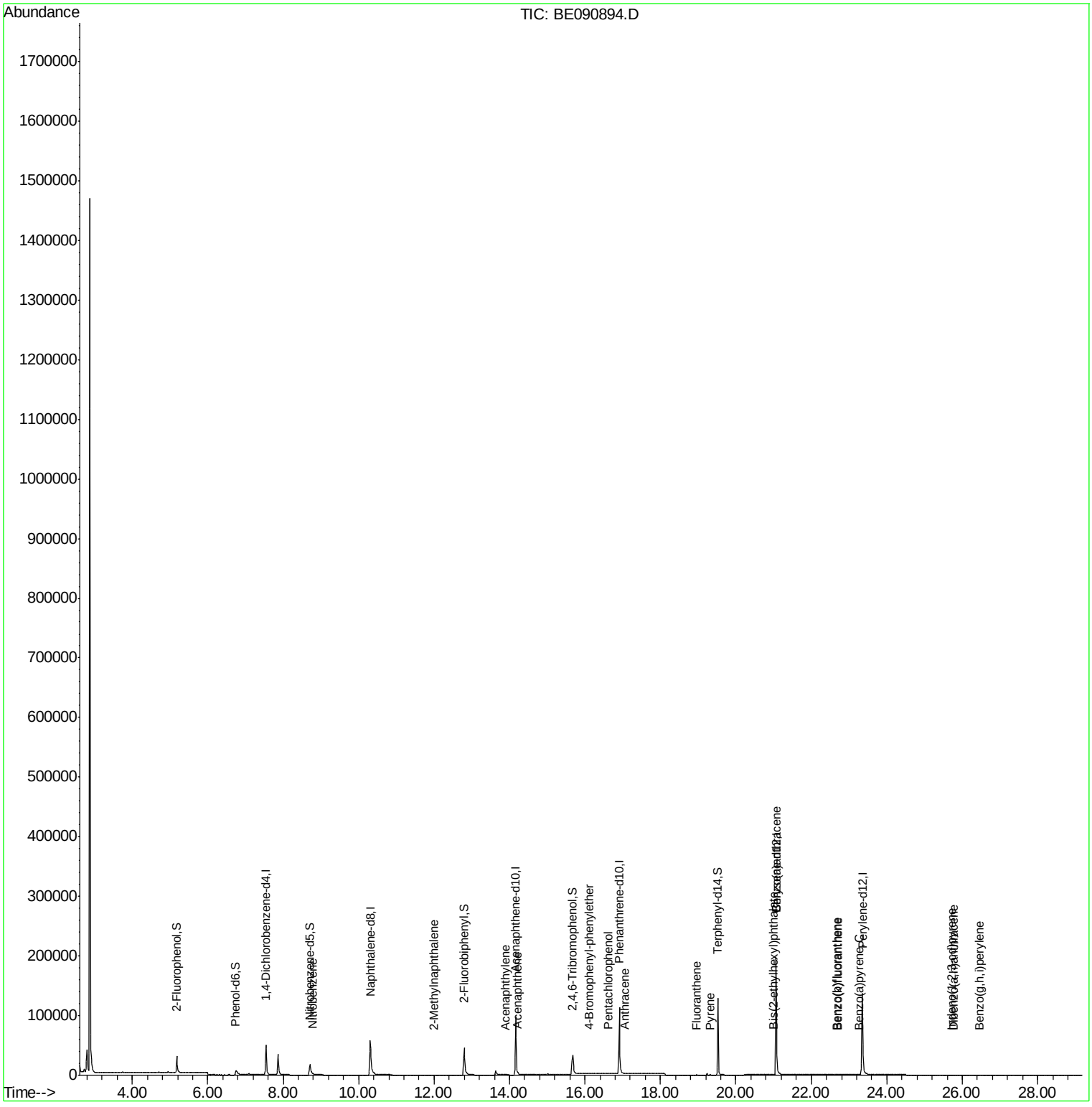
(#) = qualifier out of range (m) = manual integration (+) = signals summed

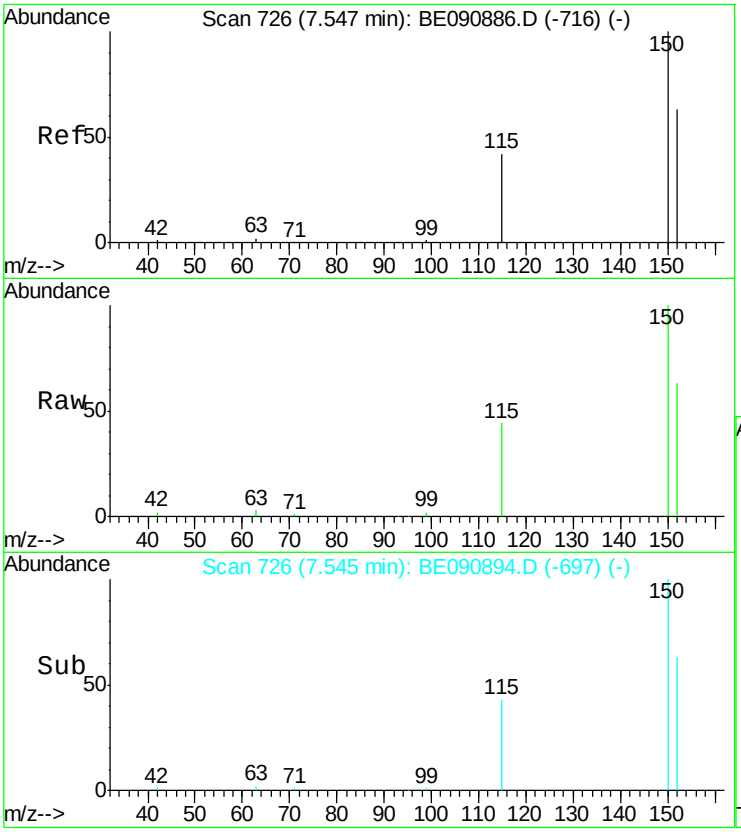
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090894.D
Acq On : 19 Sep 2015 3:52
Operator : UM/IZ
Sample : G3700-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Quant Time: Sep 19 04:24:47 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 19 03:48:03 2015
Response via : Initial Calibration



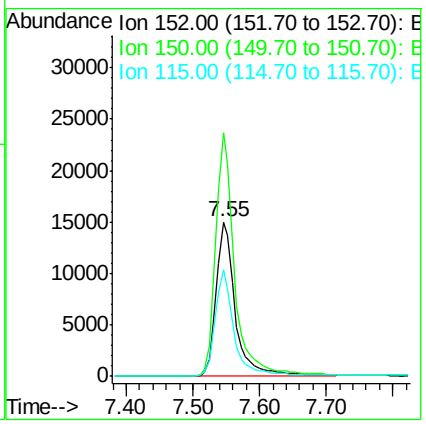


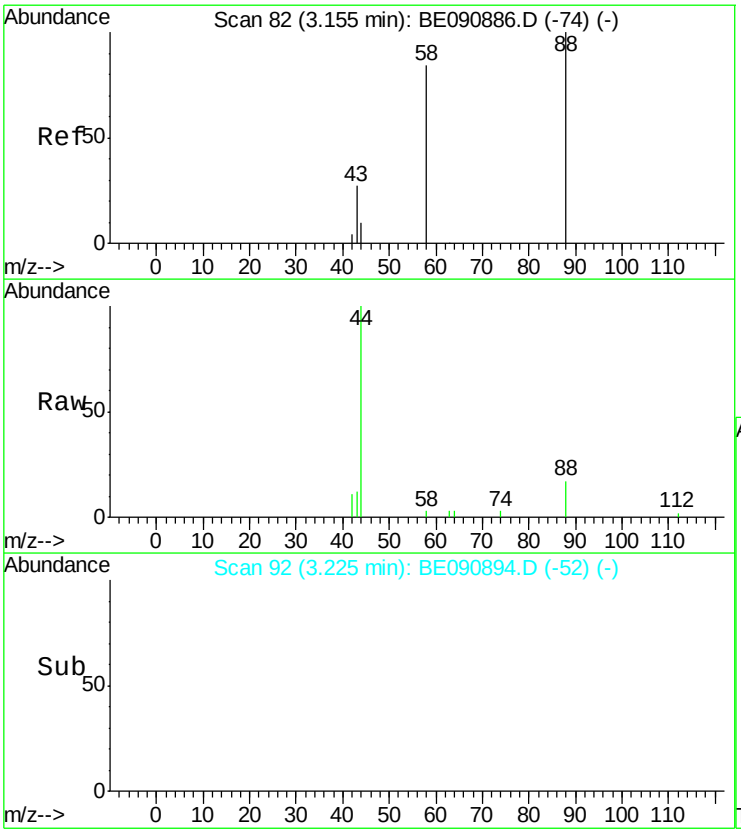
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:152 Resp: 29478

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.2	183.4
115	68.9	51.0	76.4

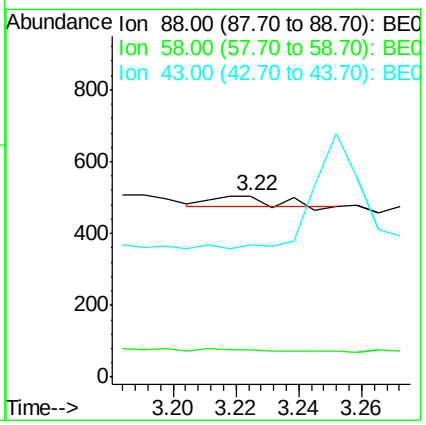


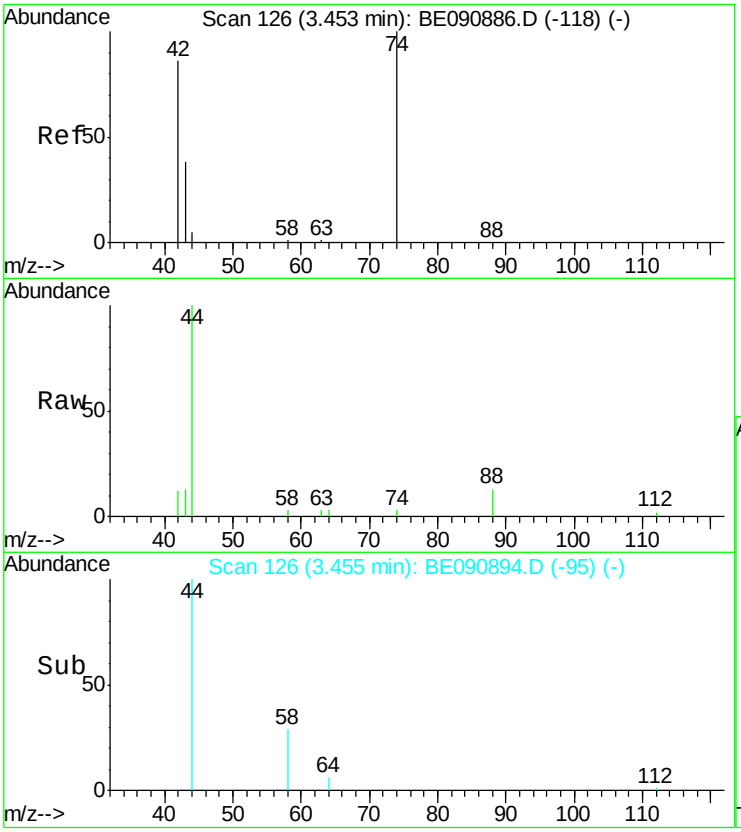


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.22 min Scan# 92
Delta R.T. 0.07 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion: 88 Resp: 38

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



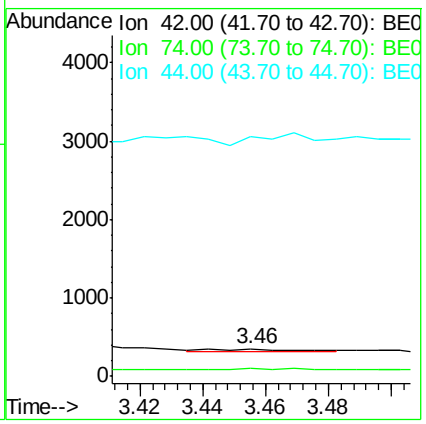


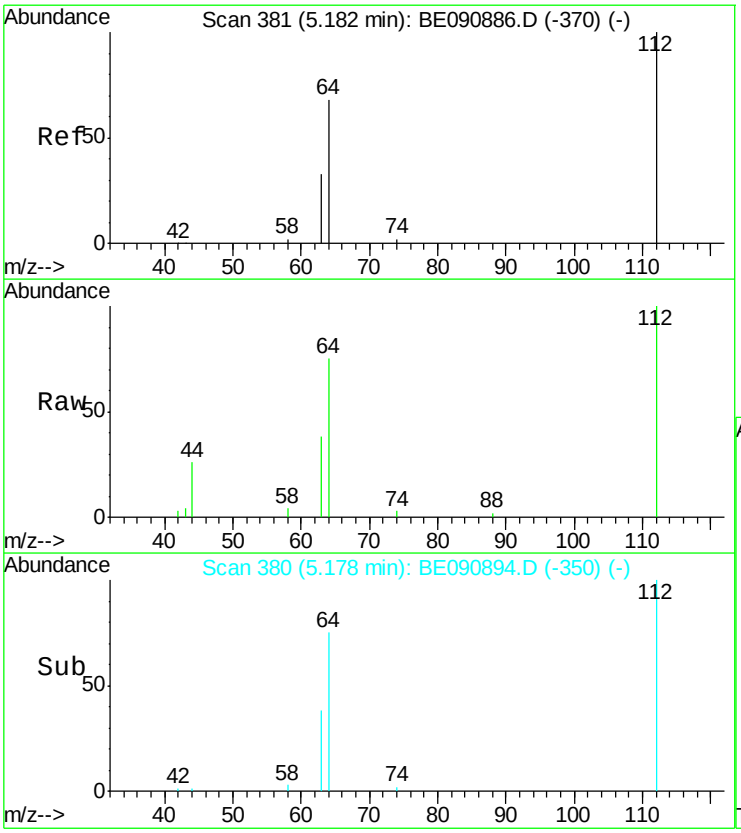
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.46 min Scan# 126
Delta R.T. 0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion: 42 Resp: 74

Ion	Ratio	Lower	Upper
42	100		
74	47.3	83.7	125.5#
44	278.4	10.0	15.0#

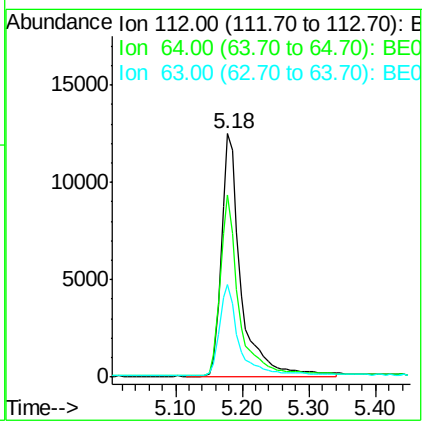


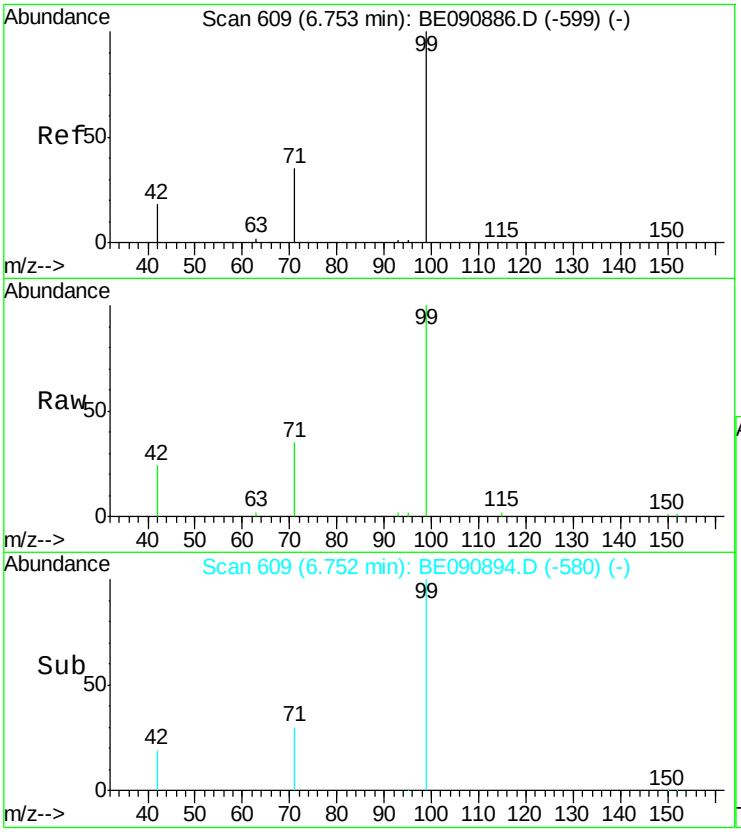


#4
2-Fluorophenol
Concen: 3.78 ng
RT: 5.18 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:112 Resp: 25140

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.3	85.9
63	37.1	29.2	43.8



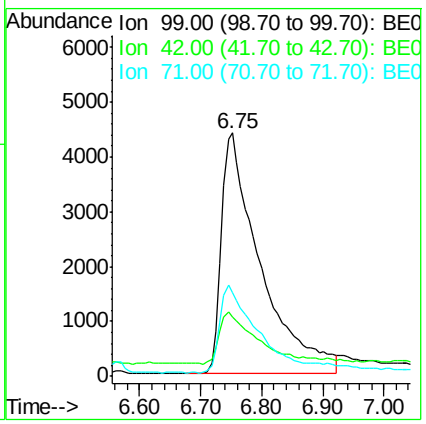


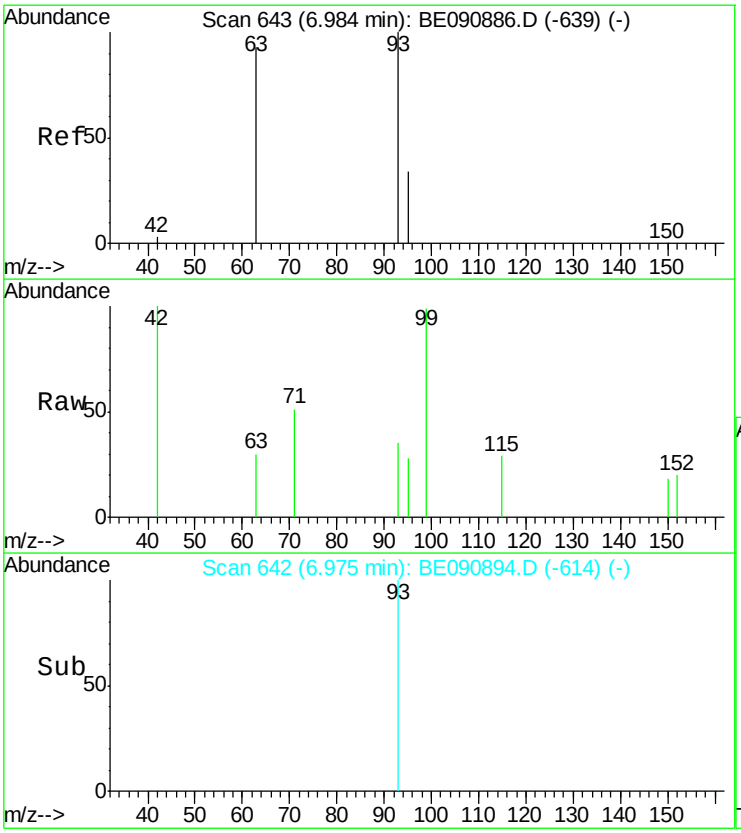
#5
Phenol-d6
Concen: 2.11 ng
RT: 6.75 min Scan# 609
Delta R.T. -0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion: 99 Resp: 19377

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.8	25.2
71	34.4	28.3	42.5

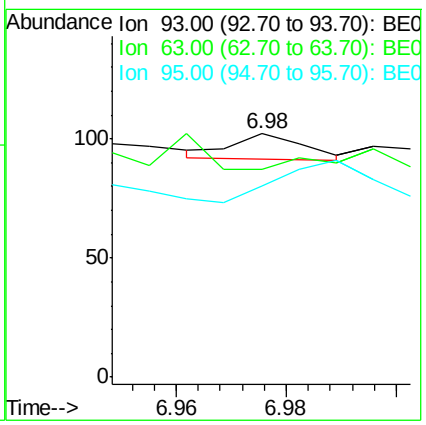


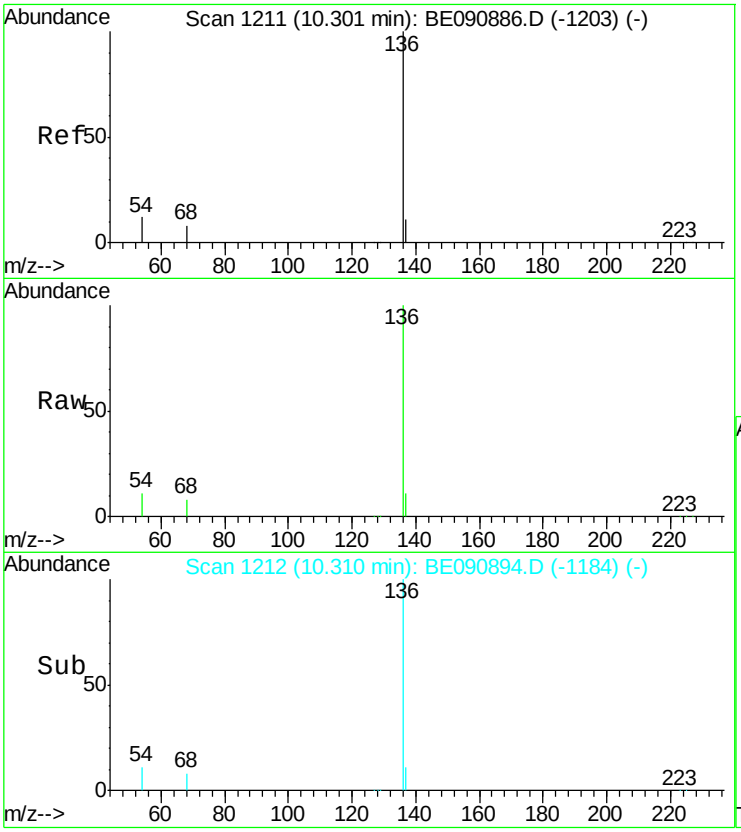


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 6.98 min Scan# 642
Delta R.T. -0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion: 93 Resp: 9

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



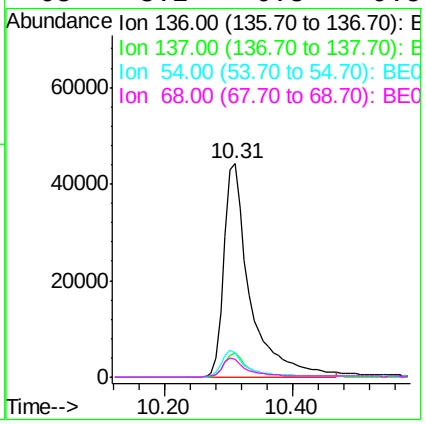


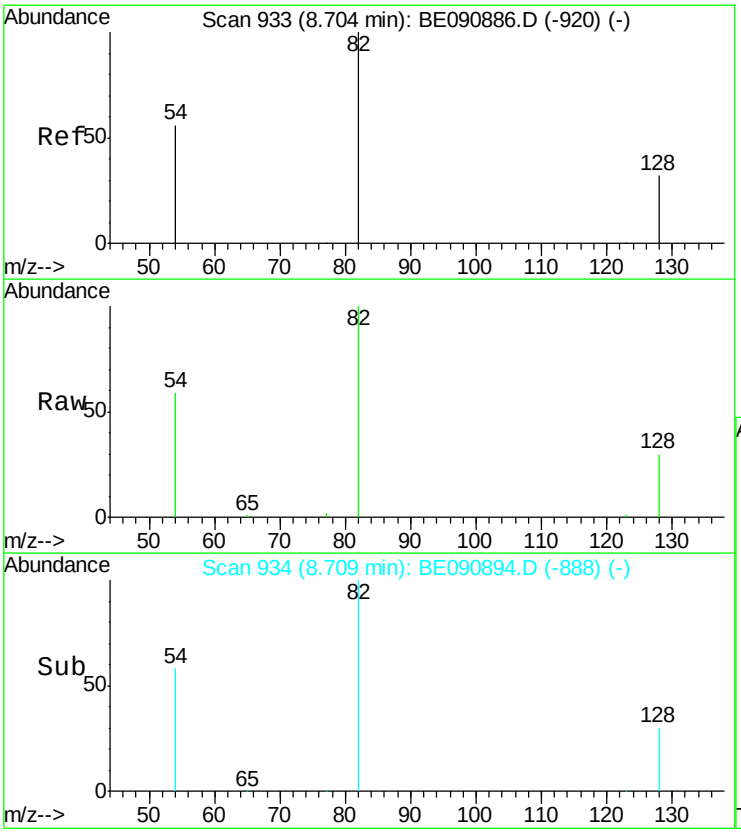
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:136 Resp: 125255

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.1	9.0	13.6
68	8.2	6.3	9.5

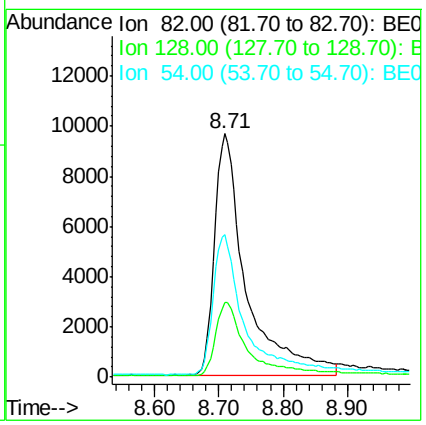


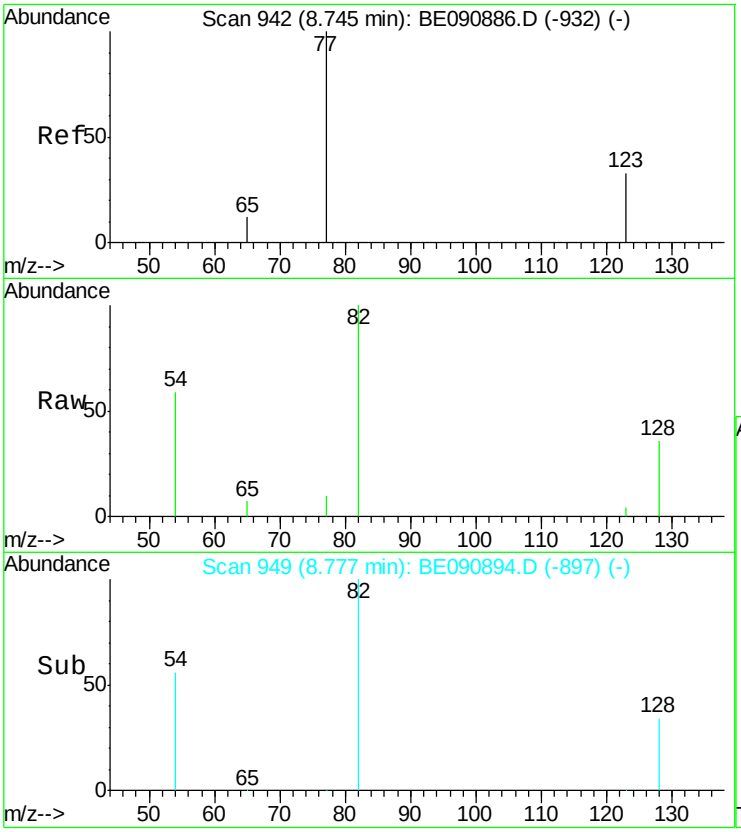


#8
Nitrobenzene-d5
Concen: 3.83 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion: 82 Resp: 33035

Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.0	37.4
54	58.7	46.3	69.5



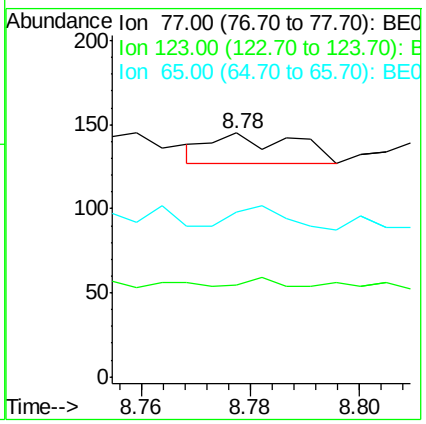


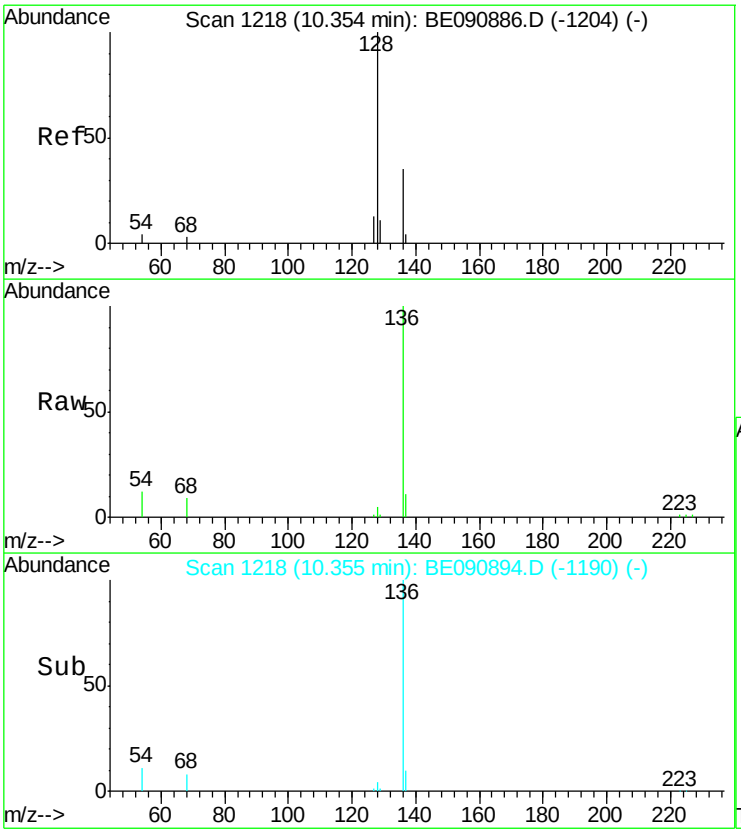
#9
Nitrobenzene
Concen: 0.00 ng
RT: 8.78 min Scan# 949
Delta R.T. 0.04 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion: 77 Resp: 18

Ion	Ratio	Lower	Upper
77	100		
123	16.7	25.1	37.7#
65	55.6	9.9	14.9#

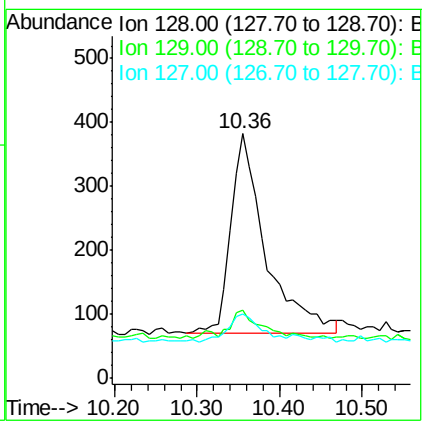


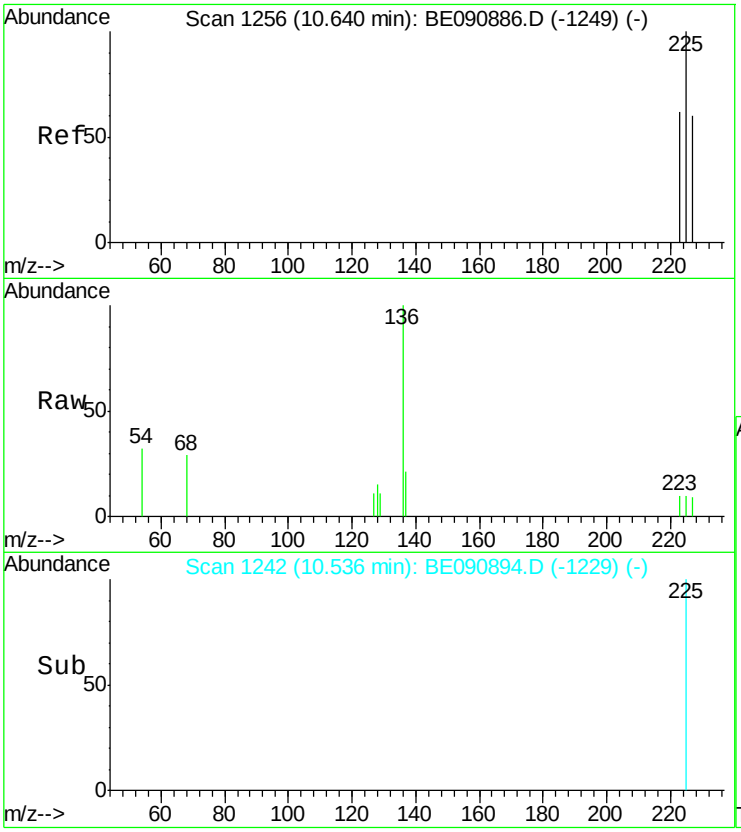


#10
Naphthalene
Concen: Below Cal
RT: 10.36 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:128 Resp: 904

Ion	Ratio	Lower	Upper
128	100		
129	27.7	8.4	12.6#
127	25.9	9.9	14.9#



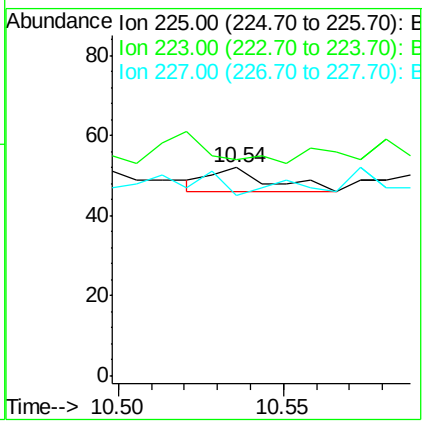


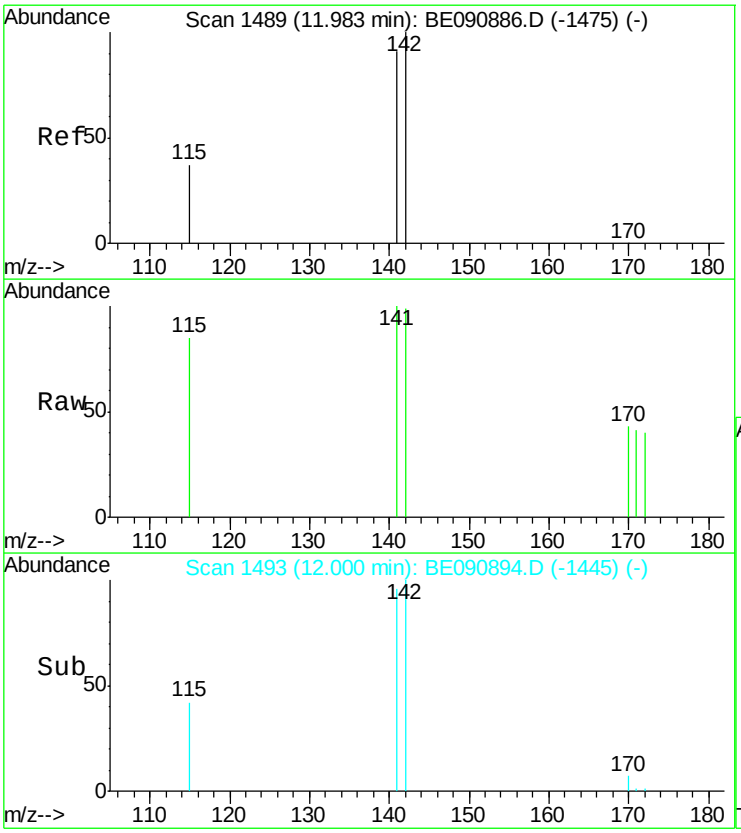
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.54 min Scan# 1242
Delta R.T. -0.11 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:225 Resp: 8

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	75.0	51.0	76.6

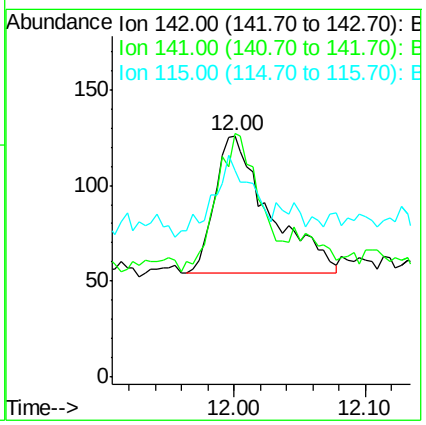


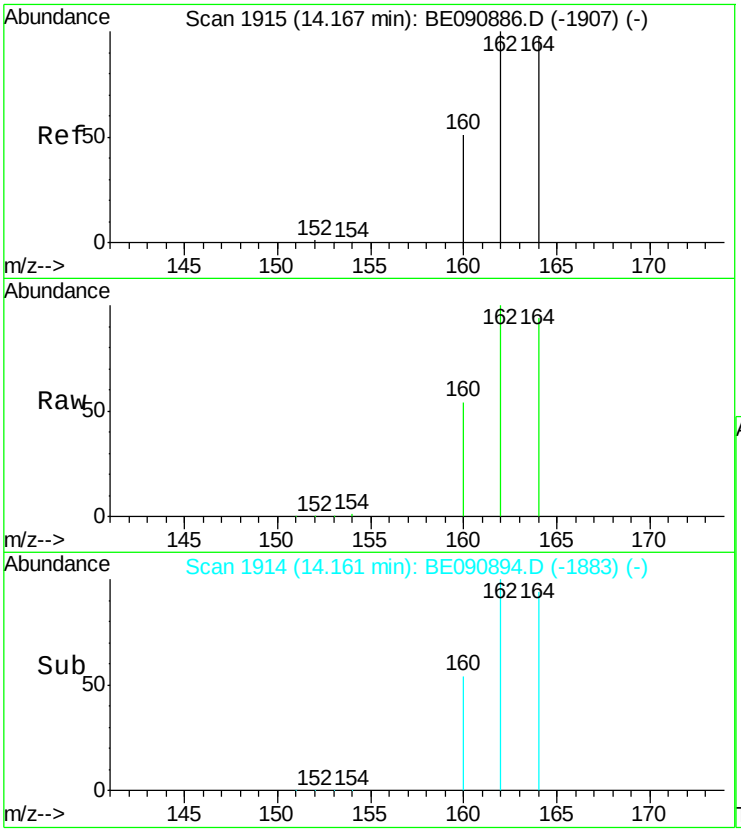


#12
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:142 Resp: 209

Ion	Ratio	Lower	Upper
142	100		
141	100.8	71.4	107.2
115	85.7	31.0	46.4#



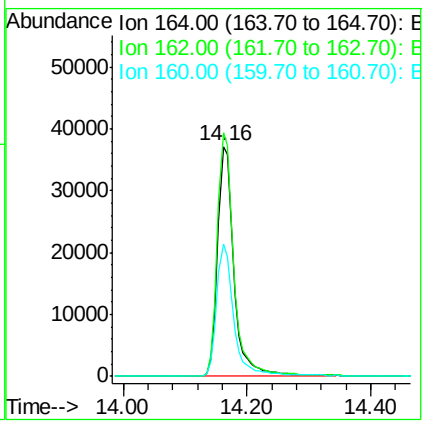


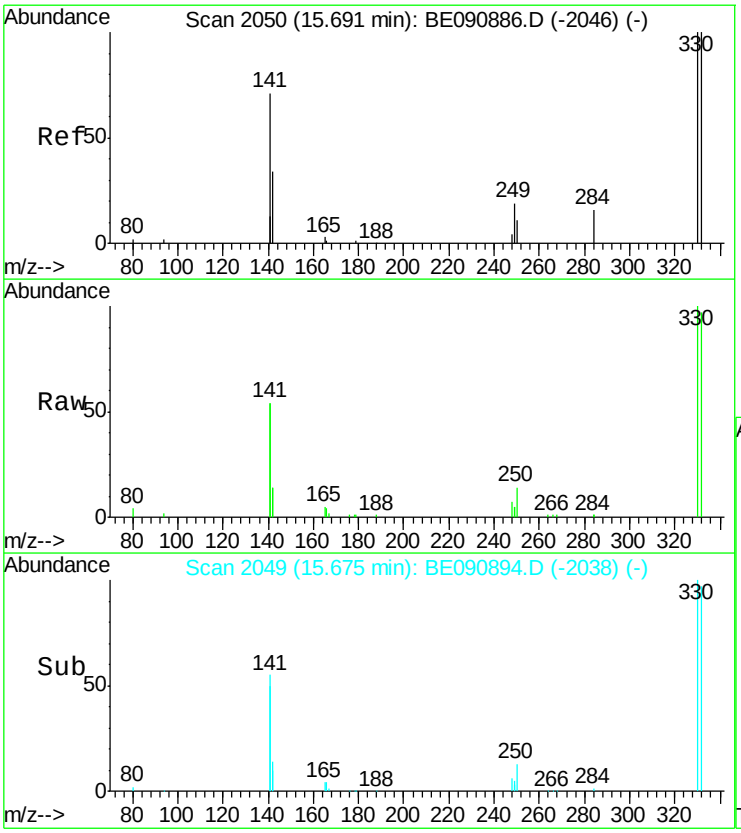
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:164 Resp: 67193

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.8	130.2
160	57.4	53.9	80.9

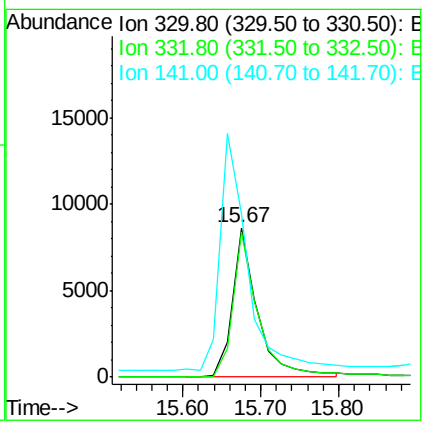


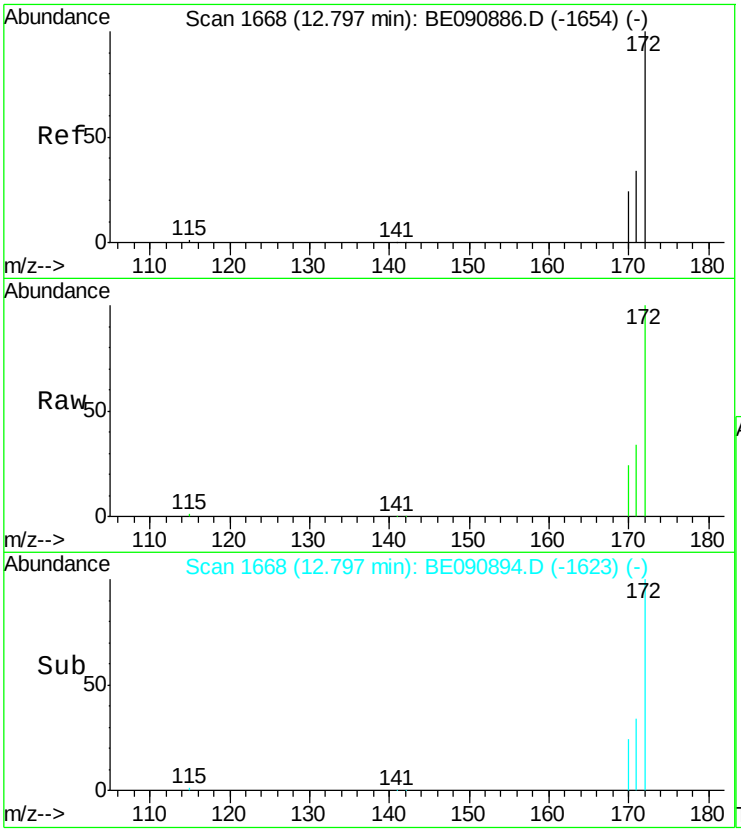


#14
2,4,6-Tribromophenol
Concen: 8.03 ng
RT: 15.67 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:330 Resp: 19053

Ion	Ratio	Lower	Upper
330	100		
332	97.0	74.9	112.3
141	173.7	145.2	217.8



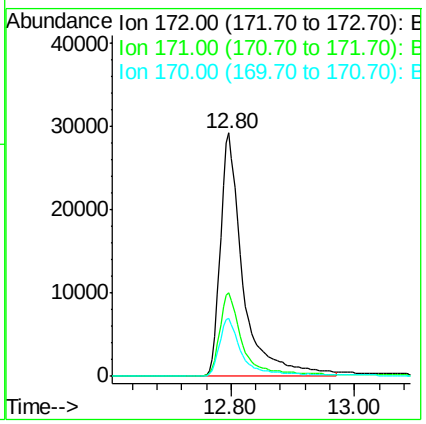


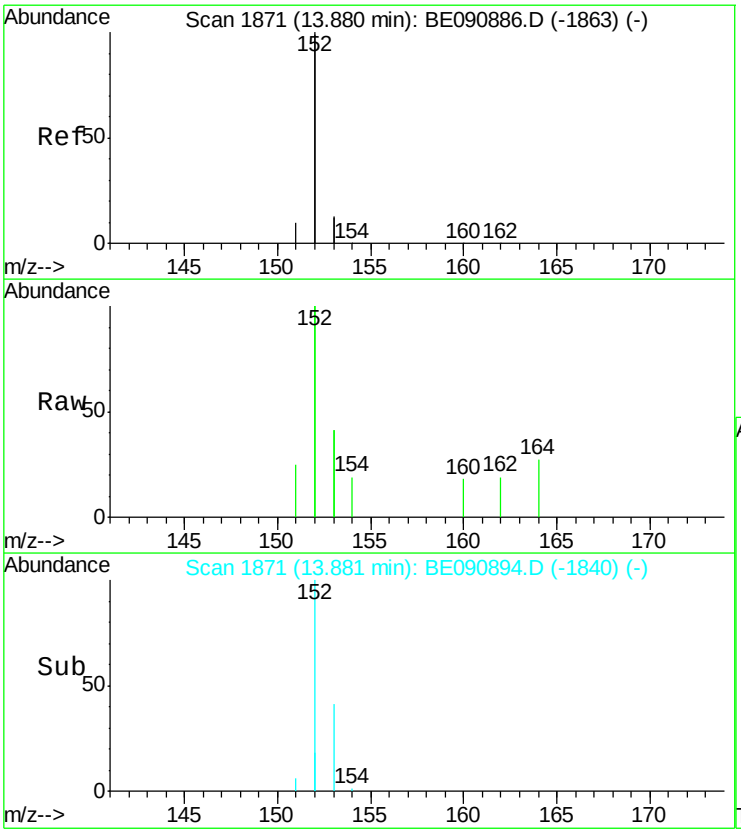
#15
2-Fluorobiphenyl
Concen: 3.89 ng
RT: 12.80 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:172 Resp: 74069

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.6	19.8	29.6

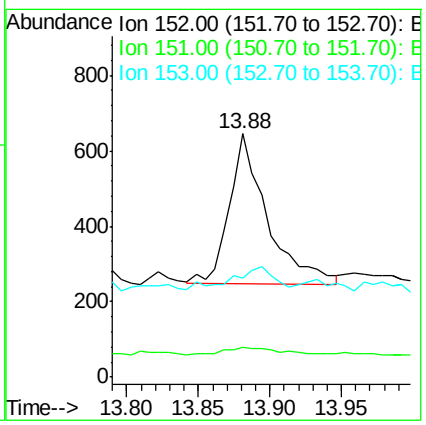


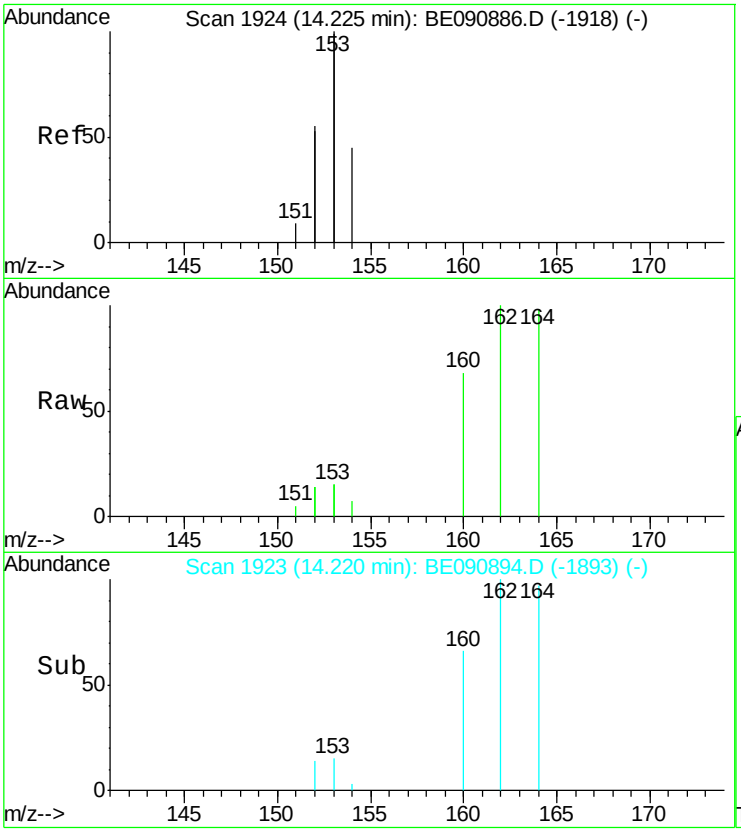


#16
Acenaphthylene
Concen: 0.01 ng
RT: 13.88 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:152 Resp: 730

Ion	Ratio	Lower	Upper
152	100		
151	8.1	3.9	5.9#
153	18.4	10.3	15.5#



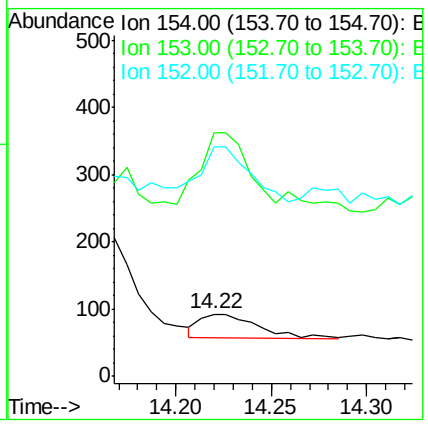


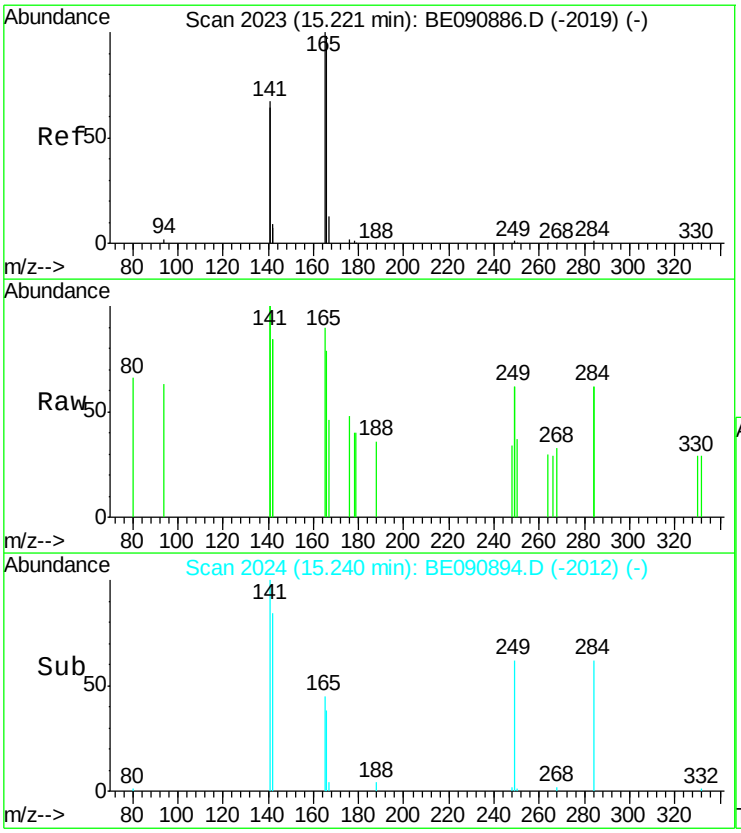
#17
Acenaphthene
Concen: 0.00 ng
RT: 14.22 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:154 Resp: 75

Ion	Ratio	Lower	Upper
154	100		
153	362.7	354.5	531.7
152	232.0	227.8	341.6

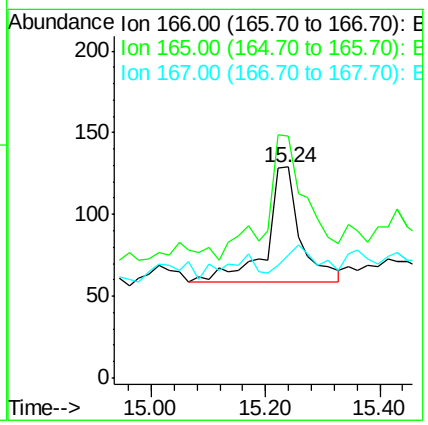


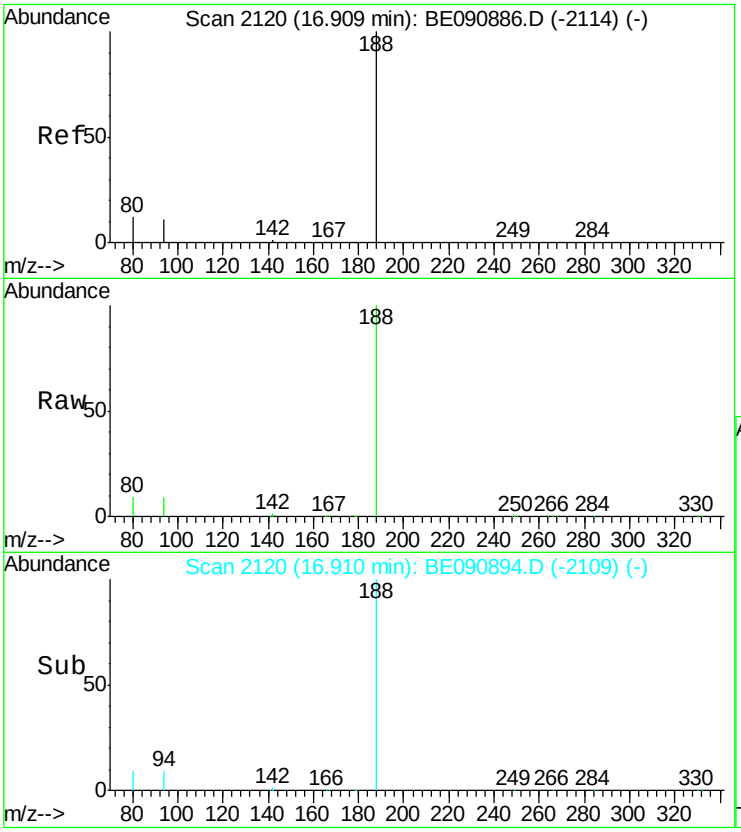


#18
Fluorene
Concen: Below Cal
RT: 15.24 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:166 Resp: 283

Ion	Ratio	Lower	Upper
166	100		
165	0.0	82.7	124.1#
167	23.7	10.7	16.1#



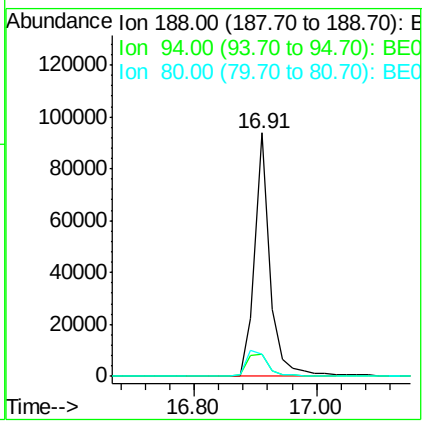


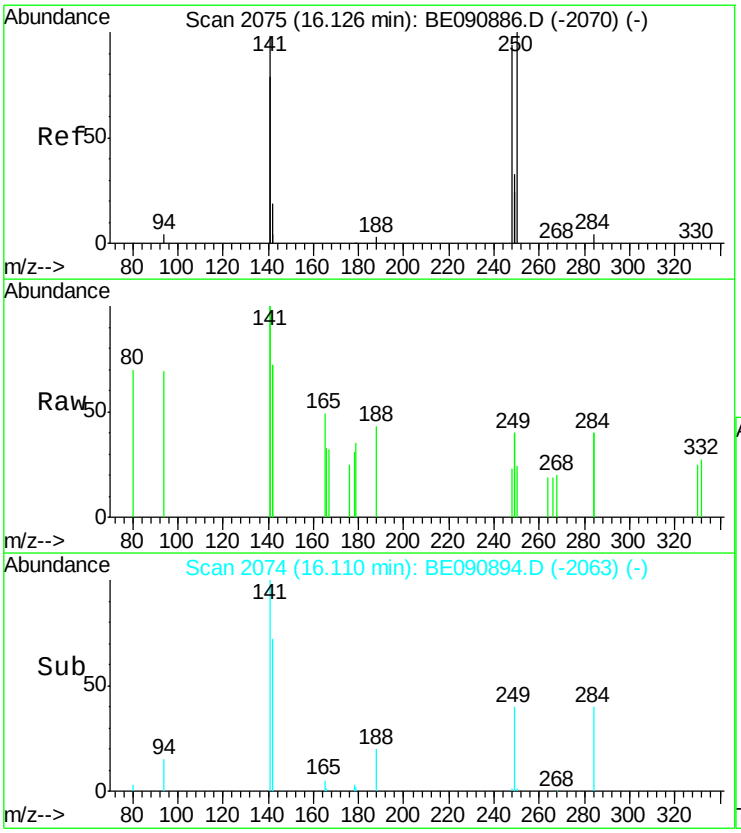
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:188 Resp: 163826

Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.3	15.5#
80	9.3	11.0	16.6#

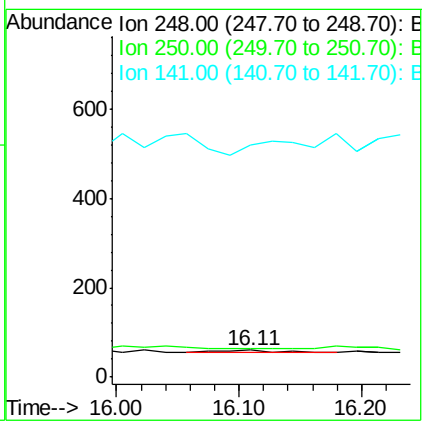


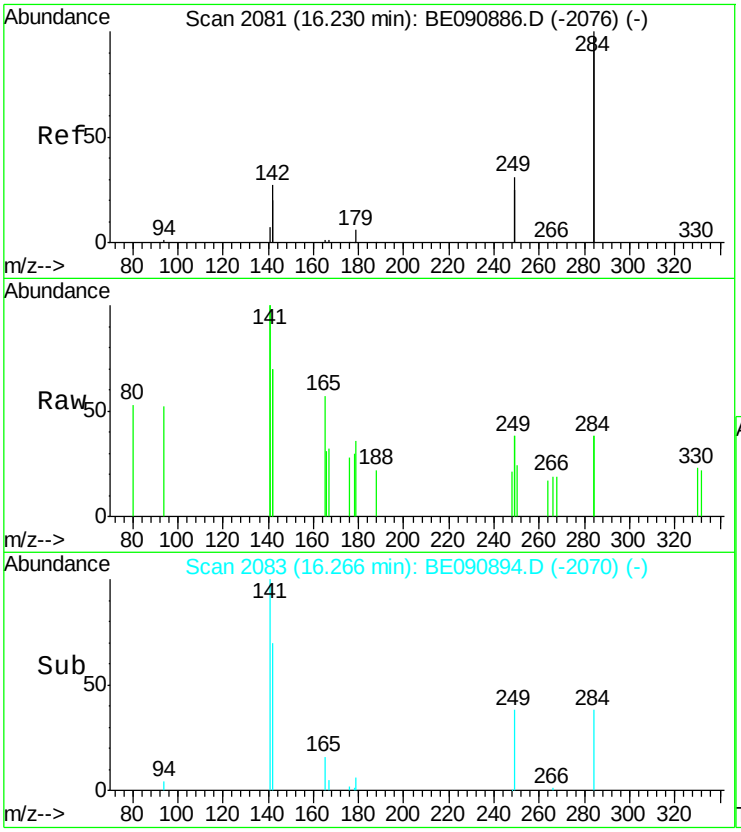


#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.11 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:248 Resp: 19

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.7	115.1#
141	557.9	292.6	439.0#



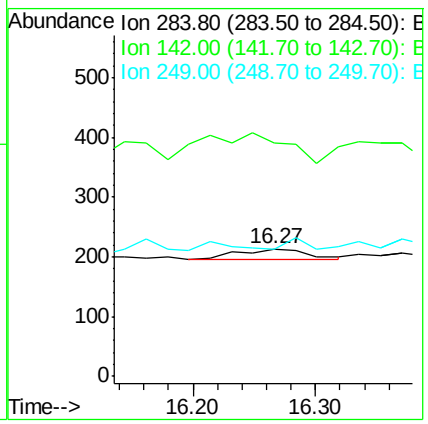


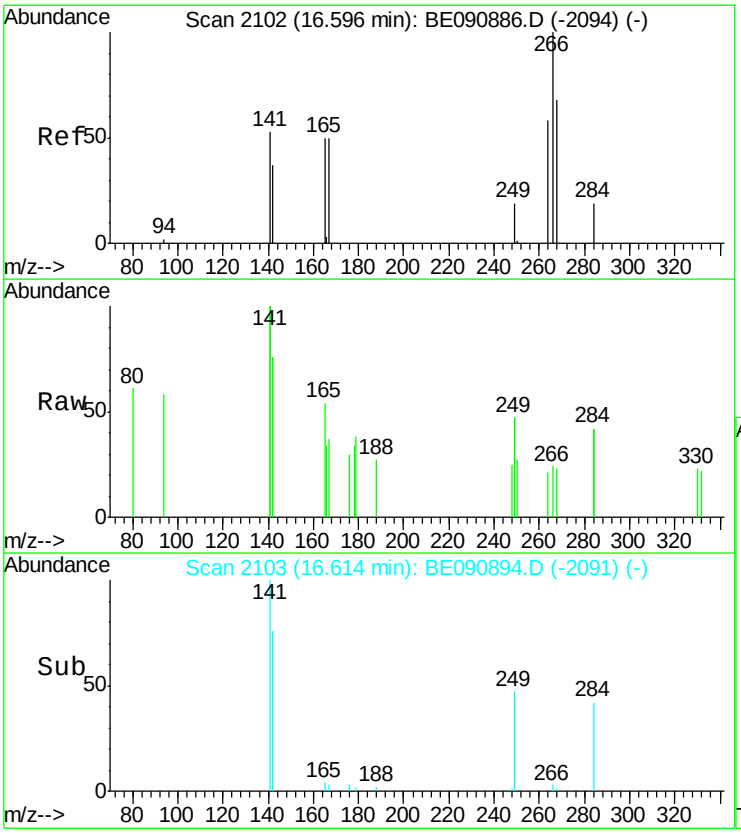
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.27 min Scan# 2083
Delta R.T. 0.03 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:284 Resp: 69

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	33.3	25.5	38.3

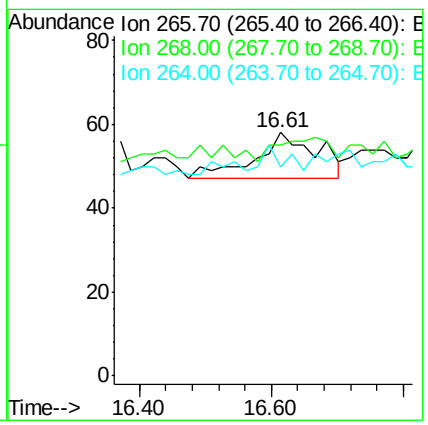


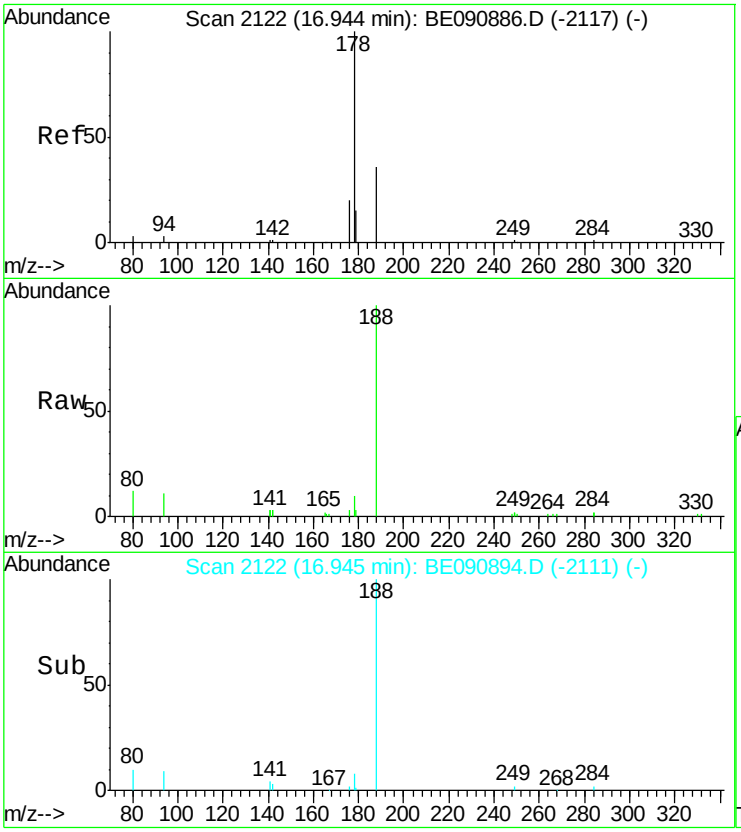


#22
Pentachlorophenol
Concen: 0.20 ng
RT: 16.61 min Scan# 2103
Delta R.T. 0.02 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:266 Resp: 73

Ion	Ratio	Lower	Upper
266	100		
268	94.8	49.6	74.4#
264	86.2	53.9	80.9#



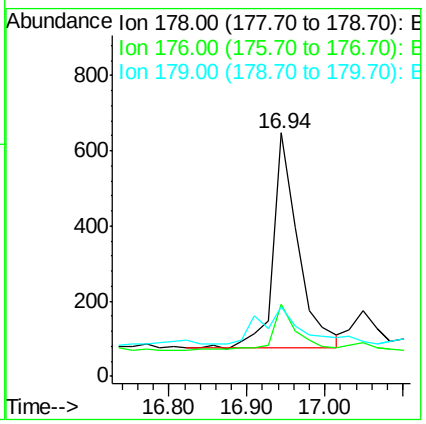


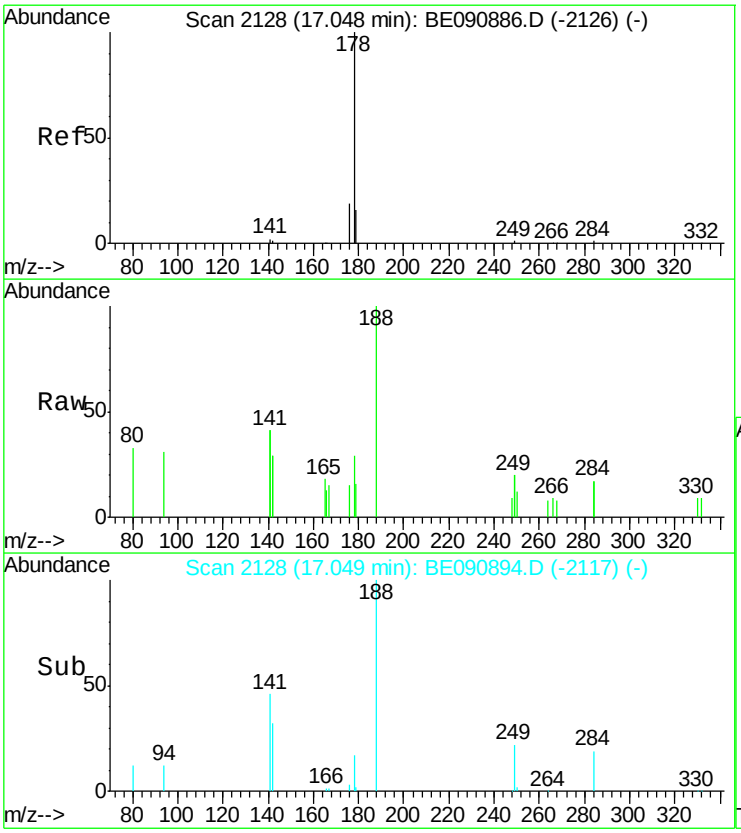
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:178 Resp: 1269

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.6	23.4
179	30.5	12.8	19.2#

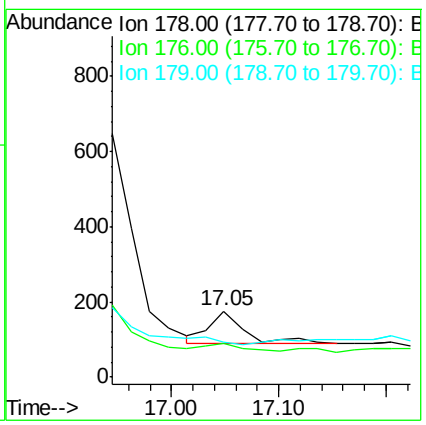


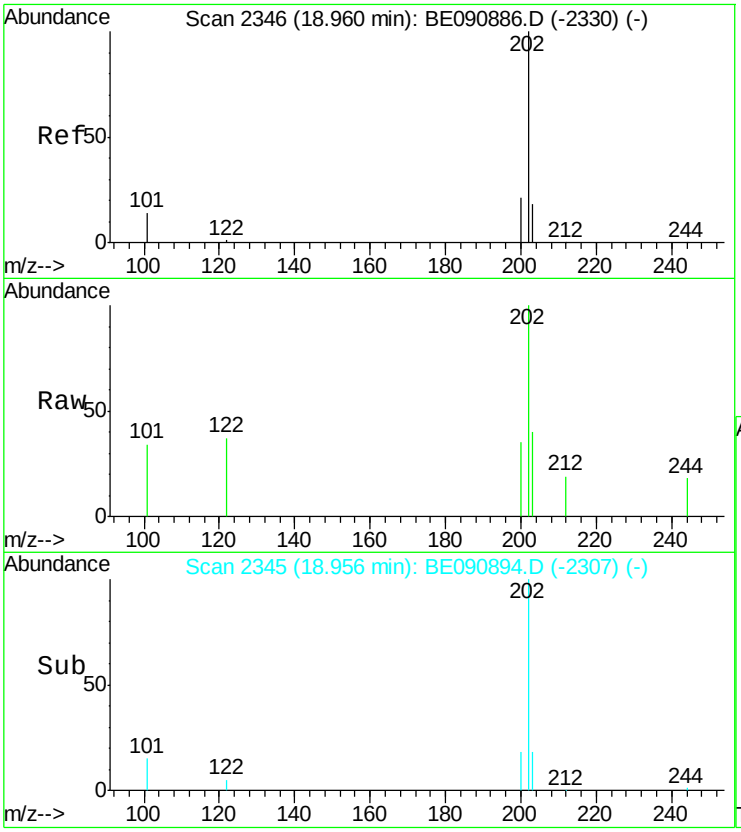


#24
Anthracene
Concen: 0.01 ng
RT: 17.05 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:178 Resp: 201

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.0	22.6
179	0.0	12.3	18.5#



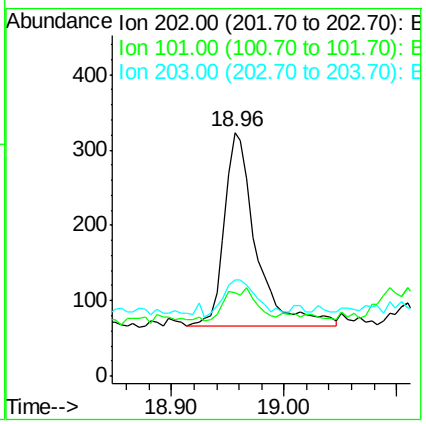


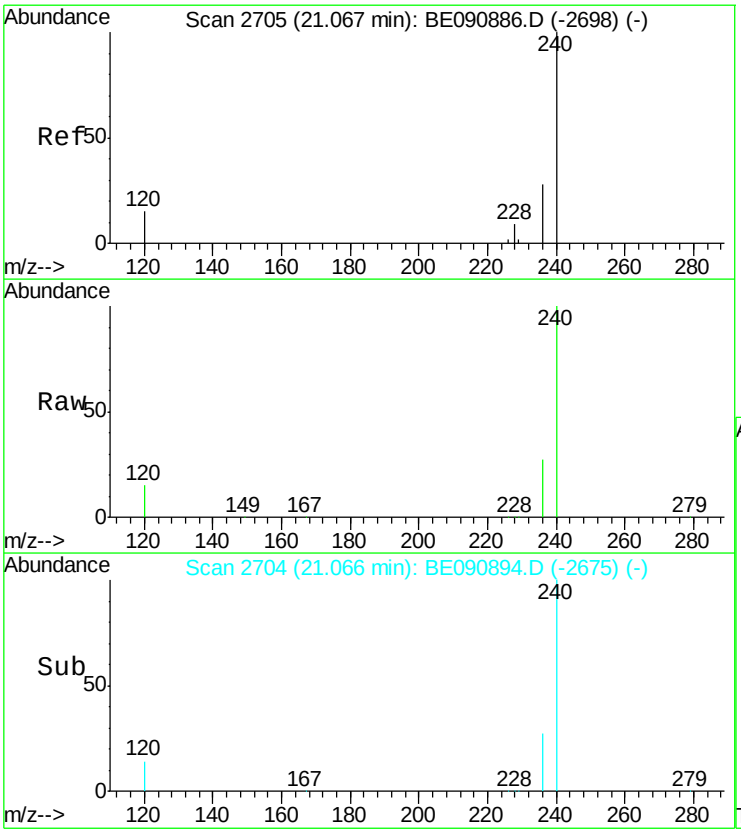
#25
Fluoranthene
Concen: 0.01 ng
RT: 18.96 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:202 Resp: 497

Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.0	16.6#
203	20.5	13.9	20.9

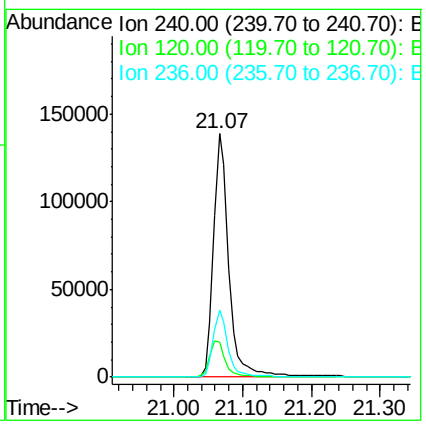


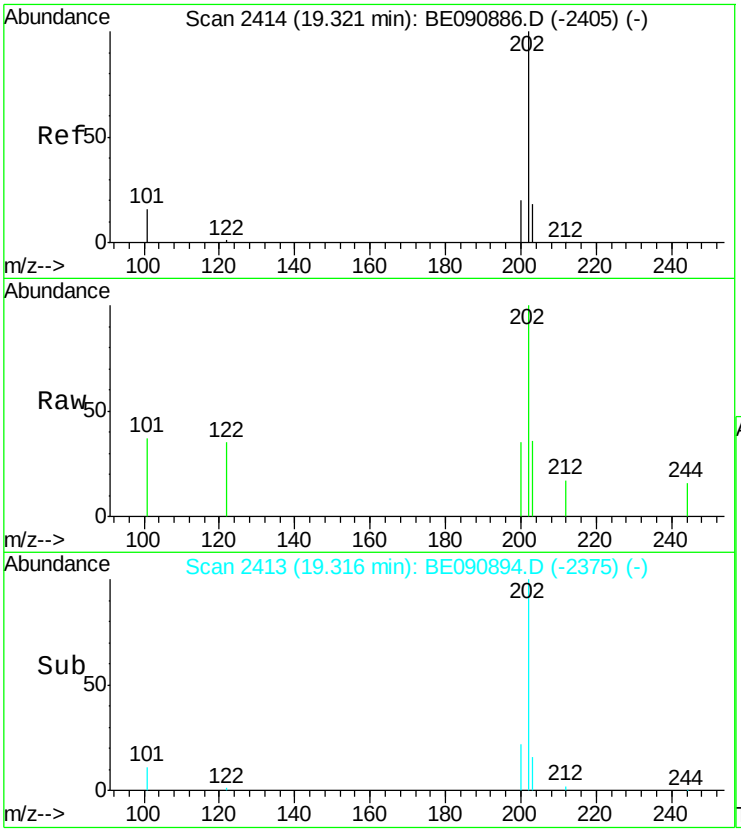


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:240 Resp: 214785

Ion	Ratio	Lower	Upper
240	100		
120	14.6	10.1	15.1
236	27.5	21.9	32.9



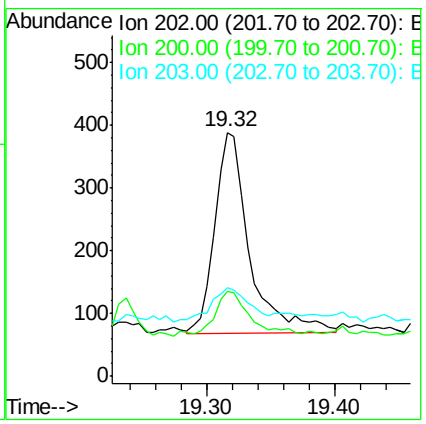


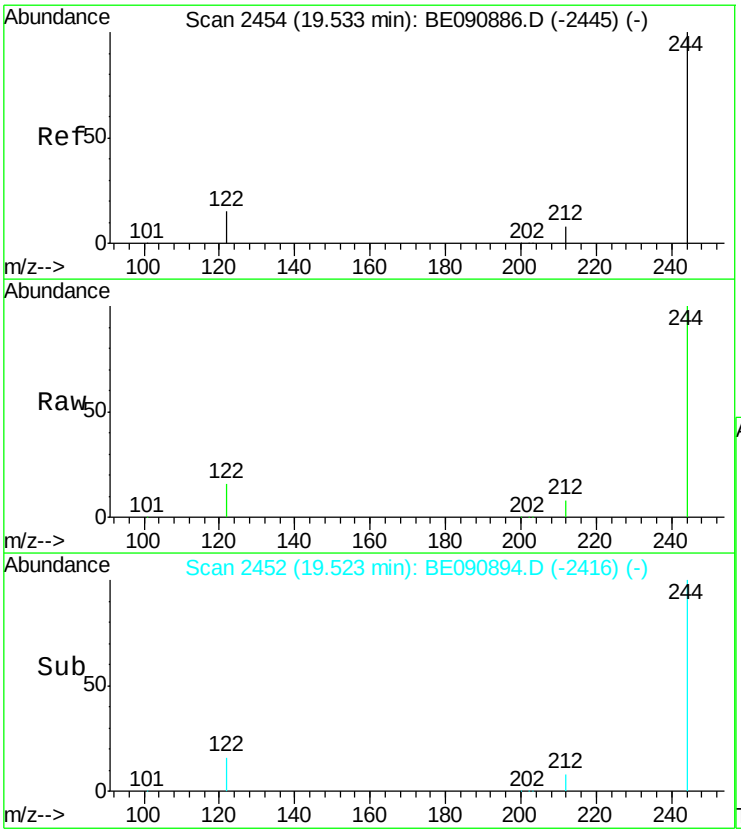
#27
Pyrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:202 Resp: 603

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.7	25.1
203	18.9	13.8	20.6

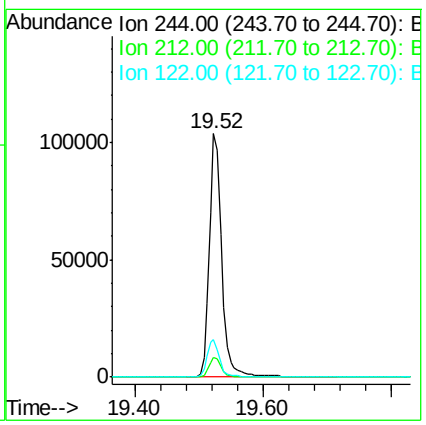


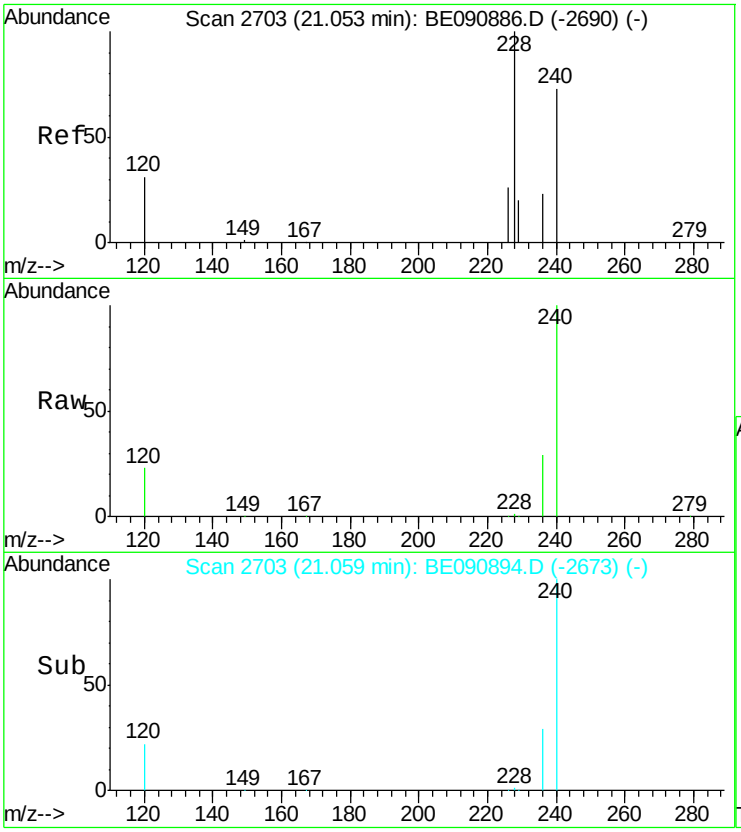


#28
Terphenyl-d14
Concen: 5.80 ng
RT: 19.52 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:244 Resp: 140659

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	15.7	12.9	19.3



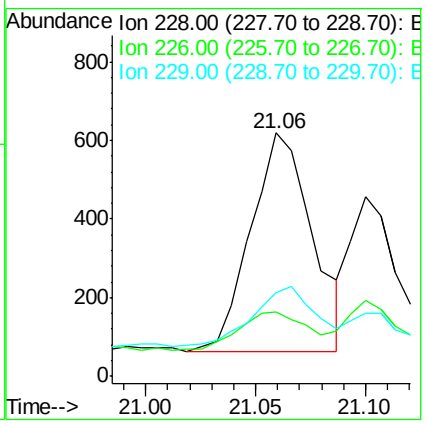


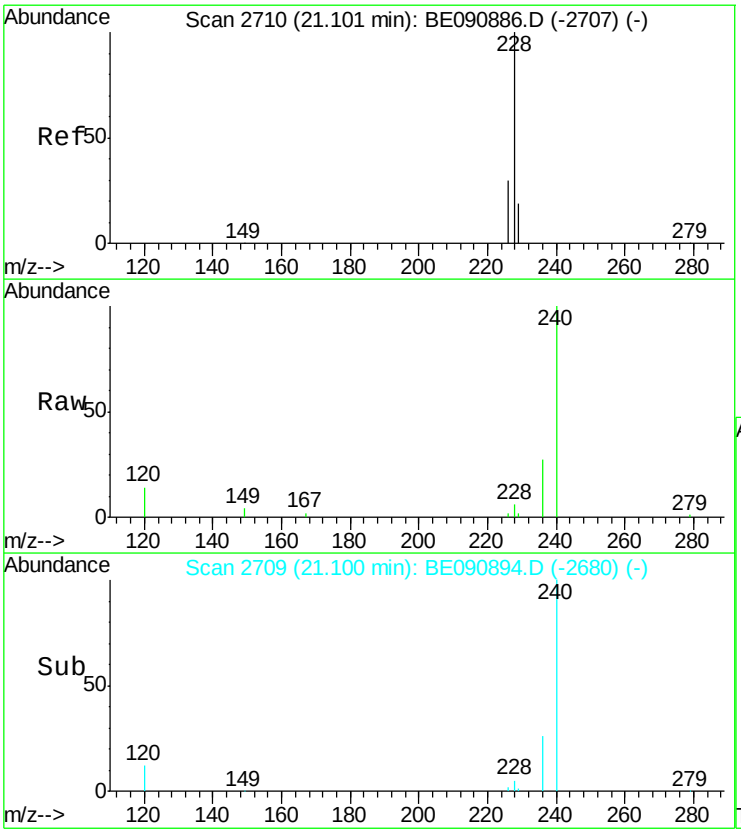
#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.06 min Scan# 2703
Delta R.T. 0.01 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:228 Resp: 1085

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.6	32.4
229	34.2	15.9	23.9#

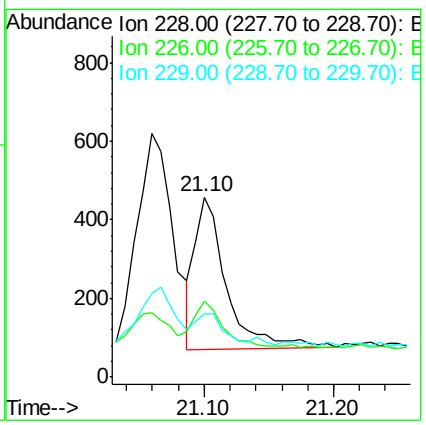


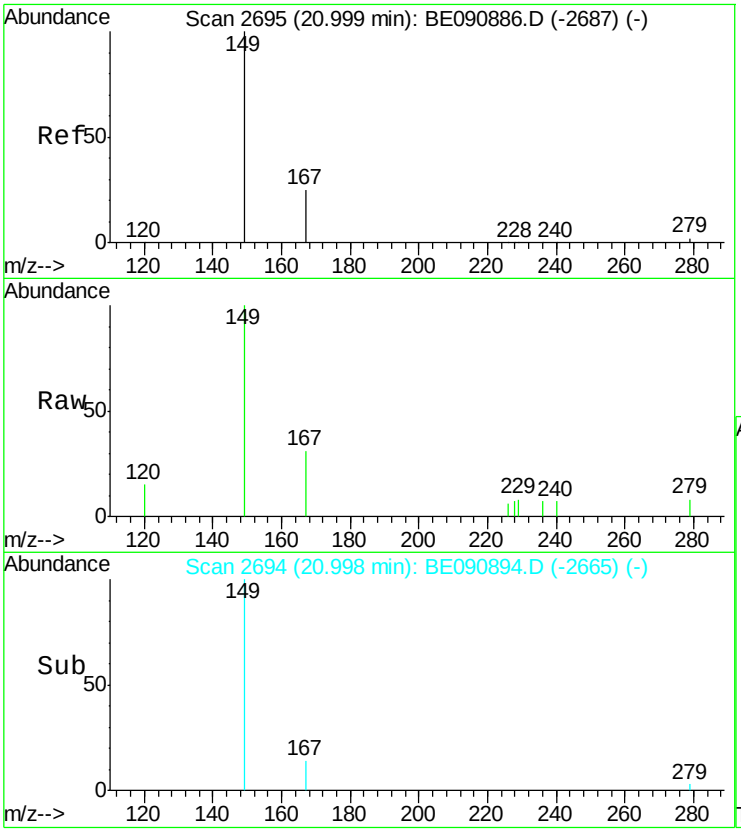


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:228 Resp: 641

Ion	Ratio	Lower	Upper
228	100		
226	42.4	24.2	36.4#
229	34.9	15.3	22.9#



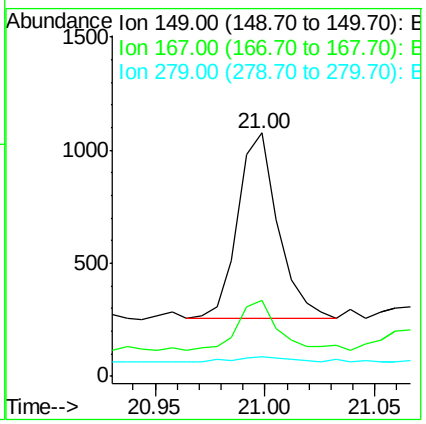


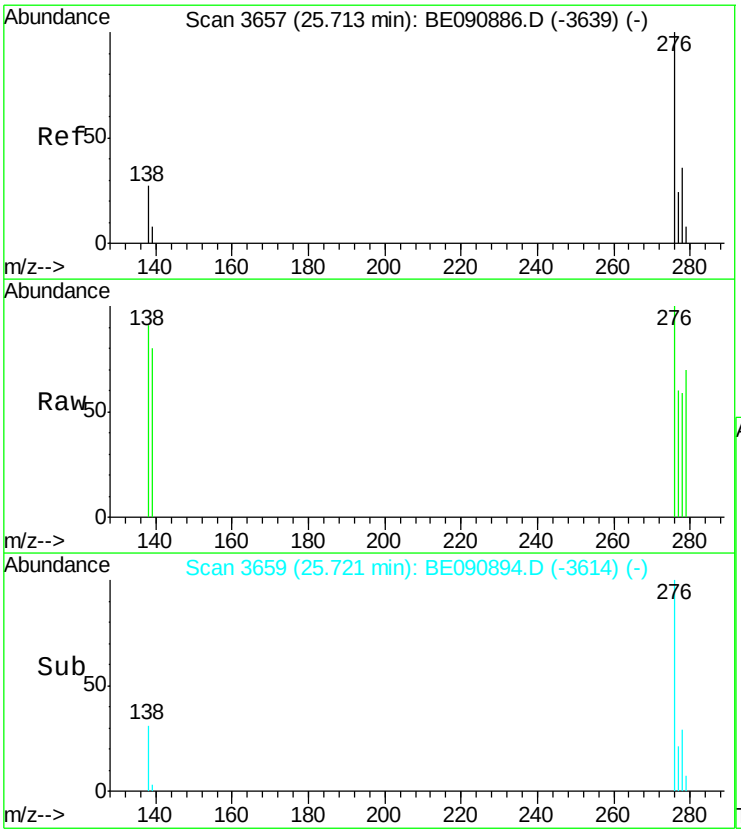
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.00 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:149 Resp: 1050

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.1	30.1
279	5.6	2.3	3.5#

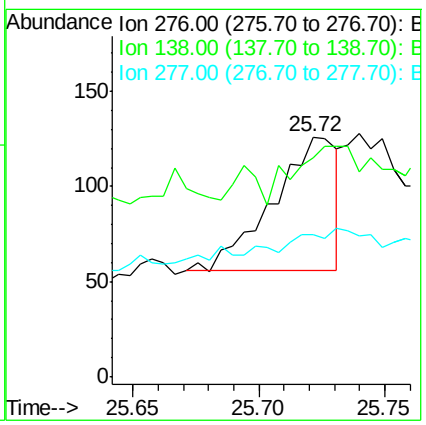


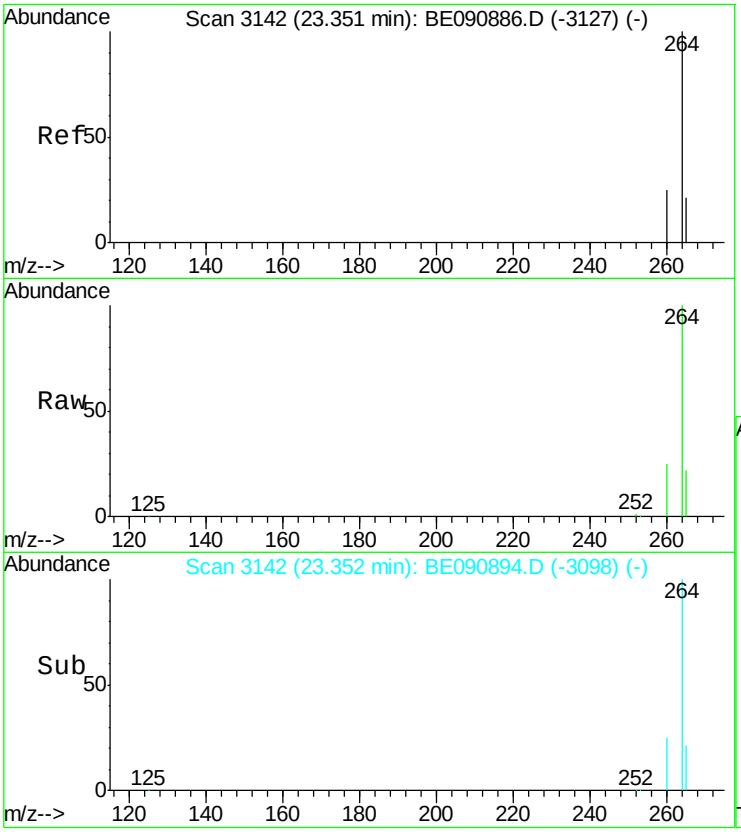


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.72 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:276 Resp: 124

Ion	Ratio	Lower	Upper
276	100		
138	59.7	23.3	34.9#
277	39.5	19.8	29.6#



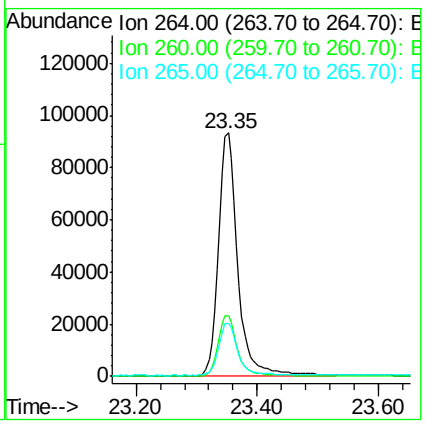


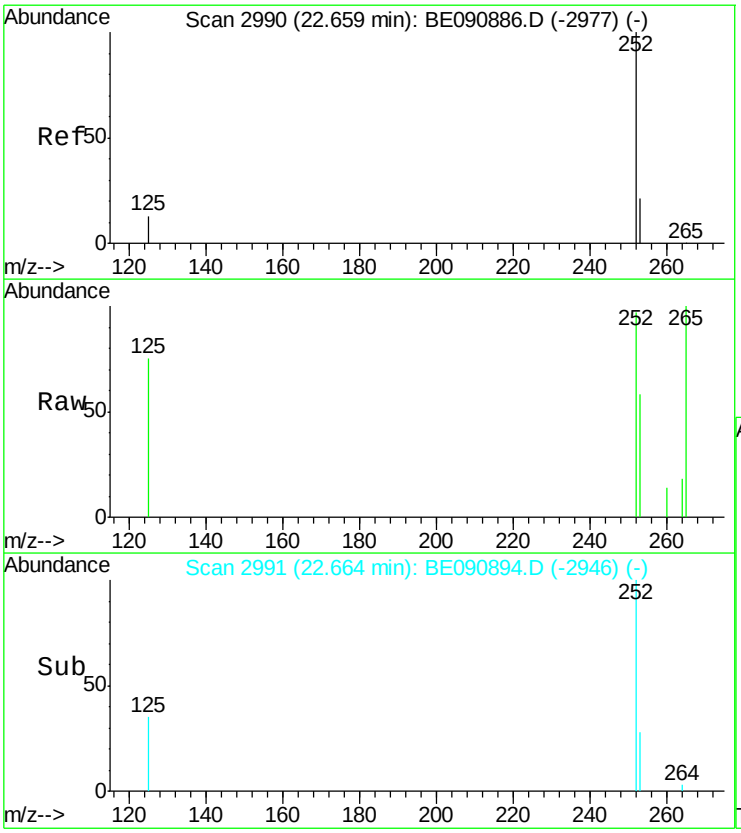
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:264 Resp: 207202

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	17.5	26.3

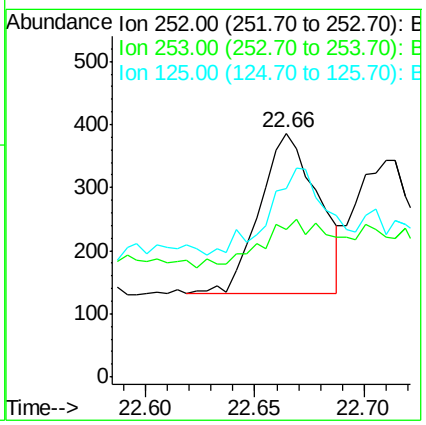


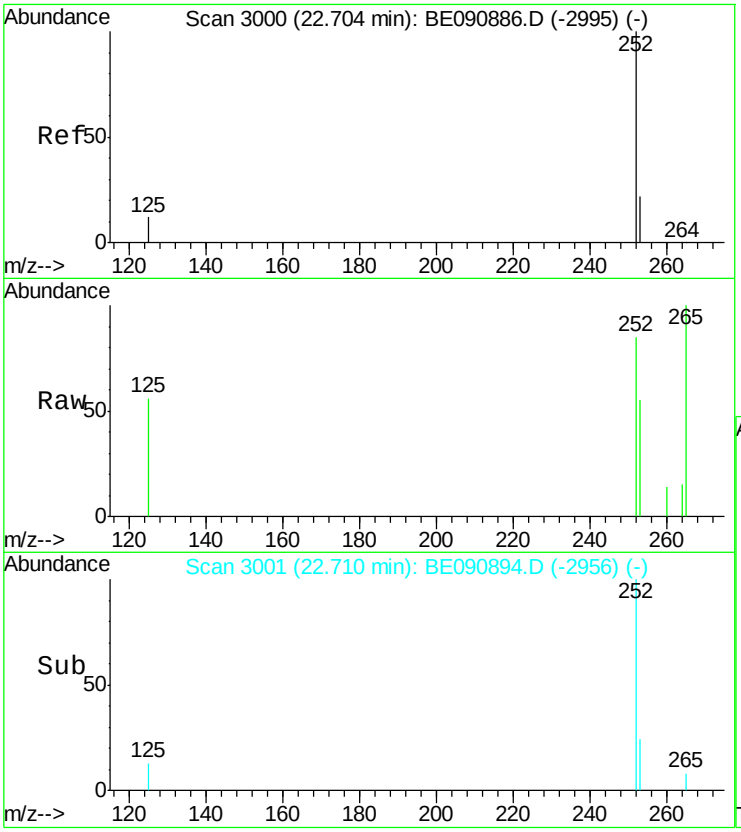


#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.66 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:252 Resp: 467

Ion	Ratio	Lower	Upper
252	100		
253	60.4	17.9	26.9#
125	77.2	10.6	16.0#



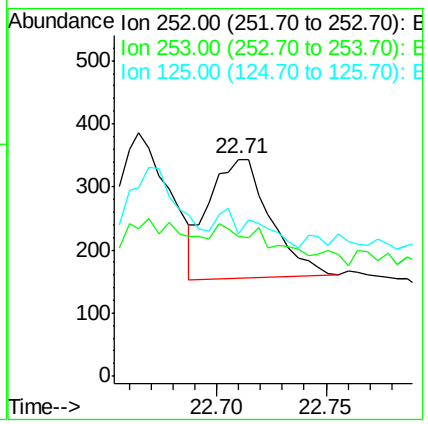


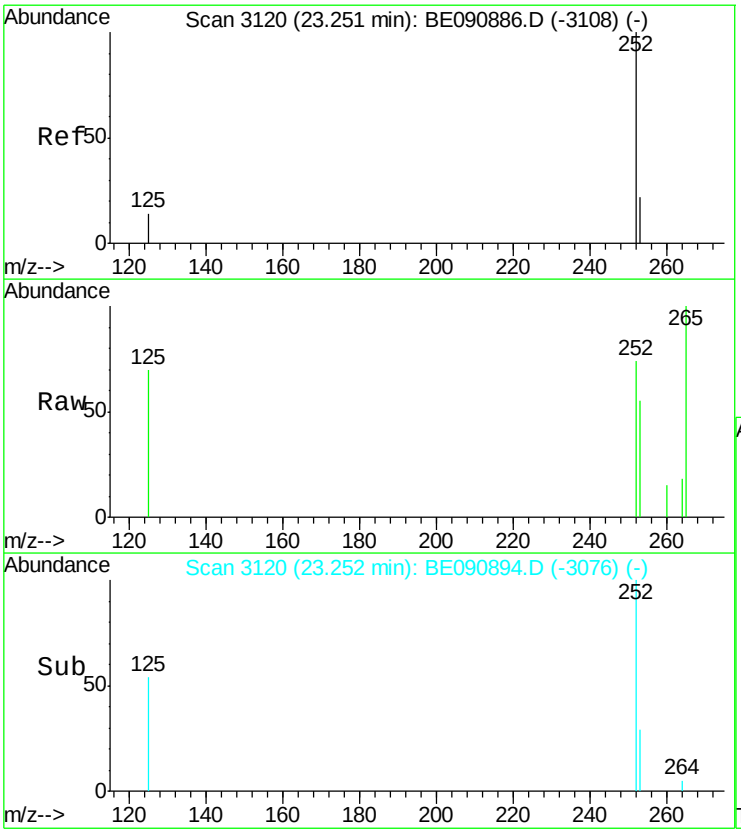
#35
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.71 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:252 Resp: 364

Ion	Ratio	Lower	Upper
252	100		
253	64.5	17.9	26.9#
125	65.4	10.1	15.1#

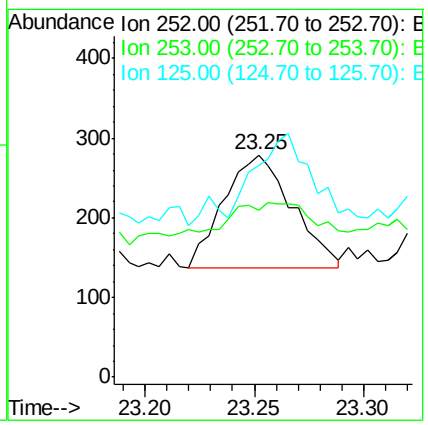


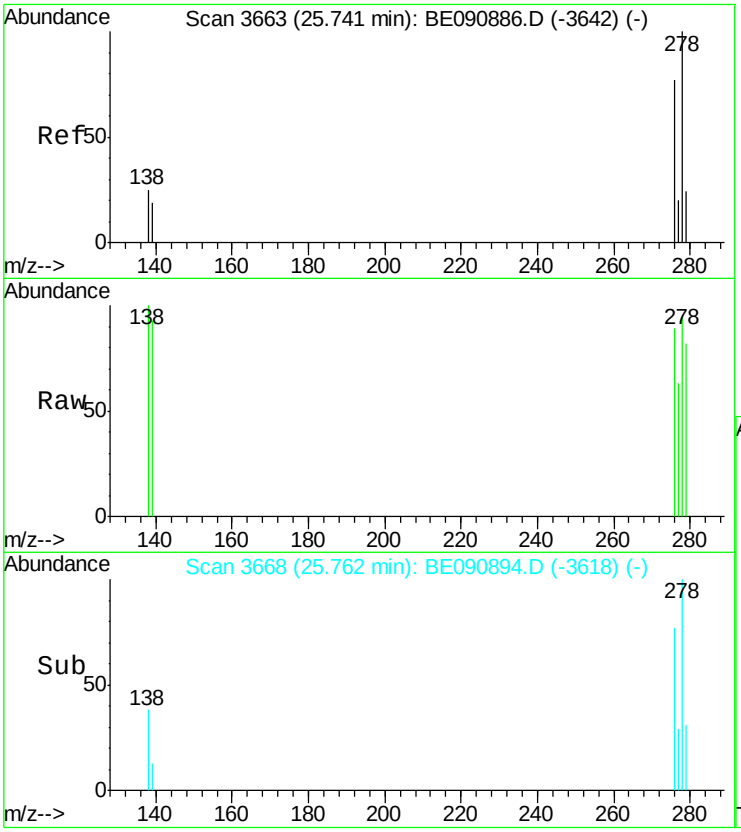


#36
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.25 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:252 Resp: 312

Ion	Ratio	Lower	Upper
252	100		
253	75.3	17.2	25.8#
125	95.3	18.0	27.0#



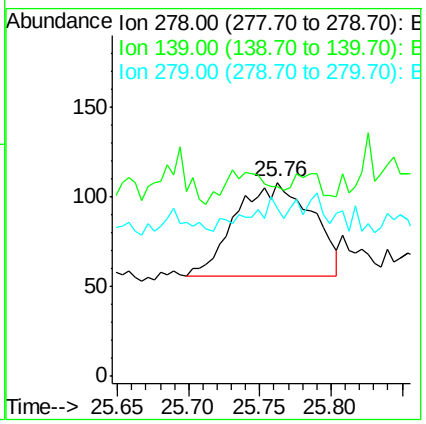


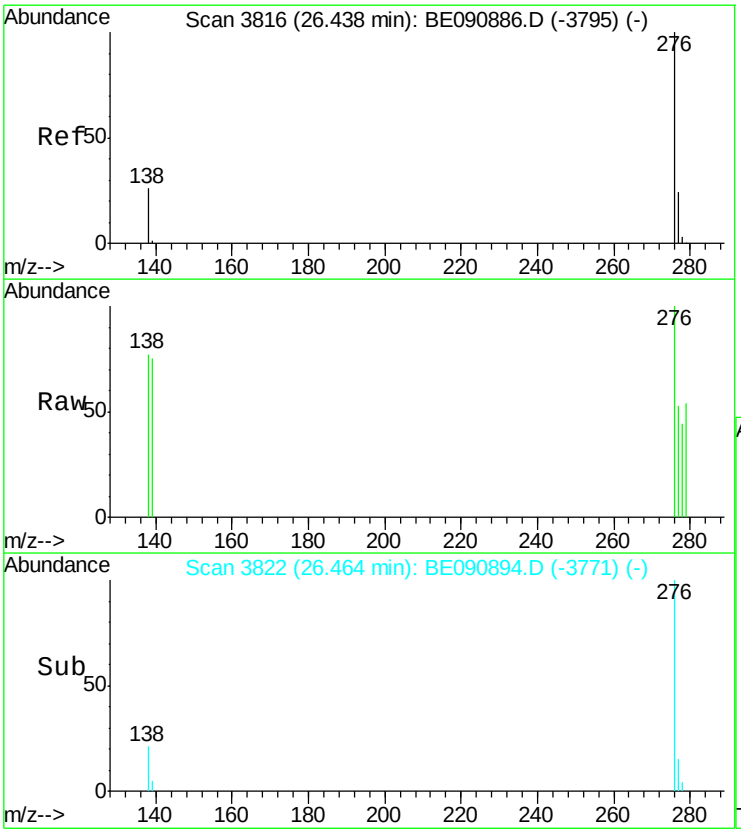
#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.76 min Scan# 3668
Delta R.T. 0.03 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-M

Tgt Ion:278 Resp: 194

Ion	Ratio	Lower	Upper
278	100		
139	98.1	15.4	23.0#
279	87.0	18.8	28.2#





#38
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.46 min Scan# 3822
Delta R.T. 0.03 min
Lab File: BE090894.D
Acq: 19 Sep 2015 3:52

Tgt Ion:276 Resp: 322

Ion	Ratio	Lower	Upper
276	100		
277	52.9	18.5	27.7#
138	77.1	20.1	30.1#