Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090896.D
Acq On : 19 Sep 2015 5:03
Operator : UM/IZ
Sample : G3700-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091515-P004-E-U-B

Quant Time: Sep 19 05:40:55 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	28875	5.00	ng		0.00
7) Naphthalene-d8	10.31	136	121698	5.00	ng		0.00
13) Acenaphthene-d10	14.17	164	63723	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	150050	5.00	ng		0.00
26) Chrysene-d12	21.07	240	209072	5.00	ng		0.00
33) Perylene-d12	23.35	264	201527	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	22074	3.39	ng		0.00
5) Phenol-d6	6.75	99	16239	1.80	ng		0.00
8) Nitrobenzene-d5	8.71	82	30092	3.59	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	17475	7.77	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	67741	3.75	ng		0.00
28) Terphenyl-d14	19.53	244	133866	5.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	70	Below Cal		#	44
3) n-Nitrosodimethylamine	3.46	42	46	Below Cal		#	19
6) bis(2-Chloroethyl)ether	6.98	93	14	Below Cal		#	21
9) Nitrobenzene	8.71	77	58	0.01	ng	#	57
10) Naphthalene	10.35	128	182	Below Cal		#	1
11) Hexachlorobutadiene	10.63	225	17	Below Cal		#	18
12) 2-Methylnaphthalene	11.99	142	84	0.01	ng	#	71
16) Acenaphthylene	13.88	152	285	0.00	ng	#	85
17) Acenaphthene	14.23	154	84	0.00	ng	#	58
18) Fluorene	15.24	166	198	Below Cal		#	93
20) 4-Bromophenyl-phenylether	16.13	248	68	0.01	ng	#	26
21) Hexachlorobenzene	16.23	284	163	Below Cal		#	1
22) Pentachlorophenol	16.61	266	68	0.20	ng	#	77
23) Phenanthrene	16.94	178	666	Below Cal		#	81
24) Anthracene	17.05	178	276	0.01	ng	#	82
25) Fluoranthene	18.96	202	691	0.02	ng	#	93
27) Pyrene	19.32	202	821	0.02	ng	#	91
29) Benzo(a)anthracene	21.06	228	1299	0.03	ng	#	86
30) Chrysene	21.10	228	1016	Below Cal		#	87
31) Bis(2-ethylhexyl)phthalate	21.00	149	1514	0.23	ng	#	99
32) Indeno(1,2,3-cd)pyrene	25.72	276	633	0.01	ng	#	53
34) Benzo(b)fluoranthene	22.66	252	848	0.02	ng	#	5
35) Benzo(k)fluoranthene	22.70	252	670	0.01	ng	#	18
36) Benzo(a)pyrene	23.25	252	579	0.01	ng	#	2
37) Dibenzo(a,h)anthracene	25.75	278	511	0.01	ng	#	8
38) Benzo(g,h,i)perylene	26.45	276	659	0.01	ng	#	42

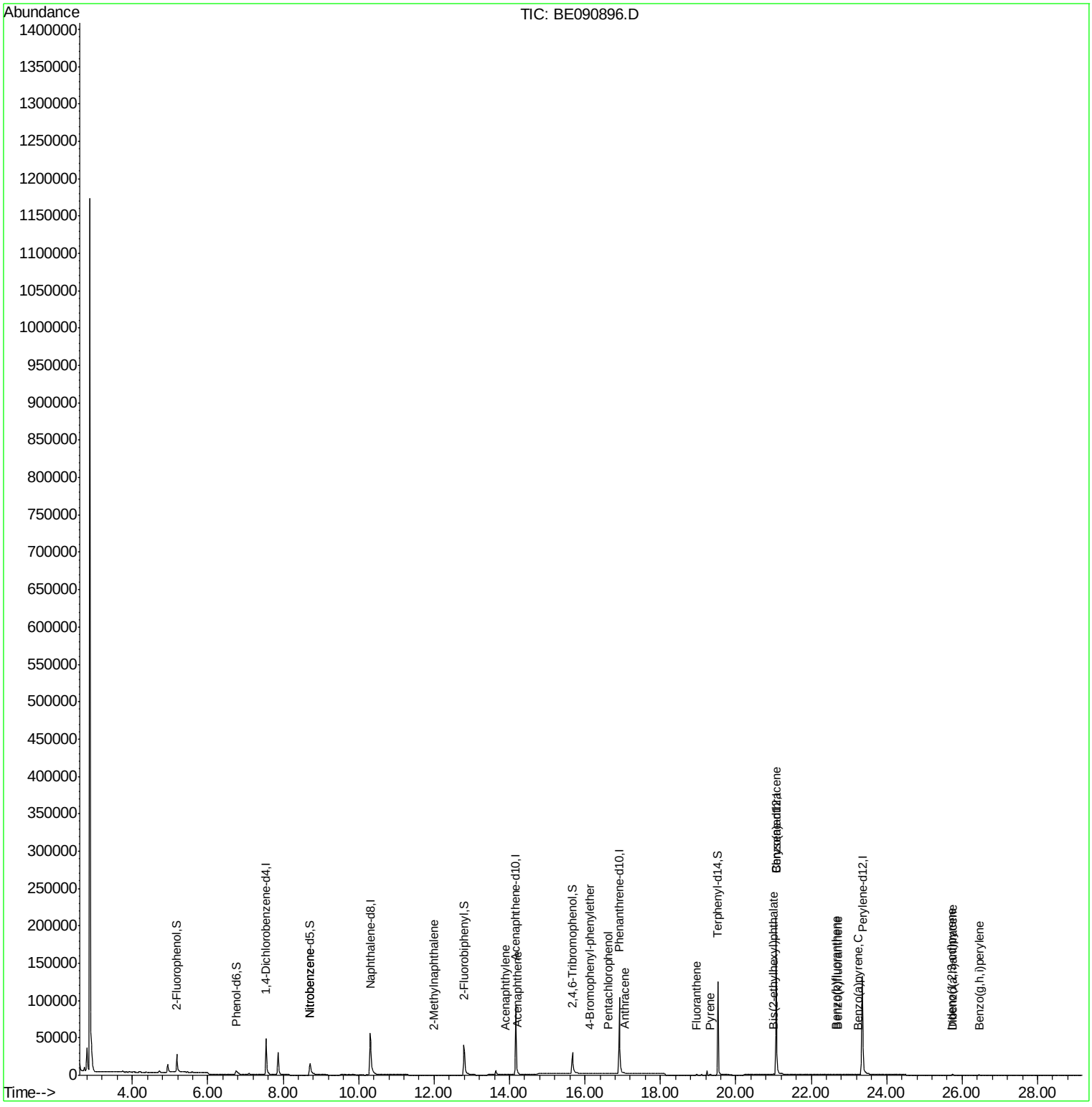
(#) = qualifier out of range (m) = manual integration (+) = signals summed

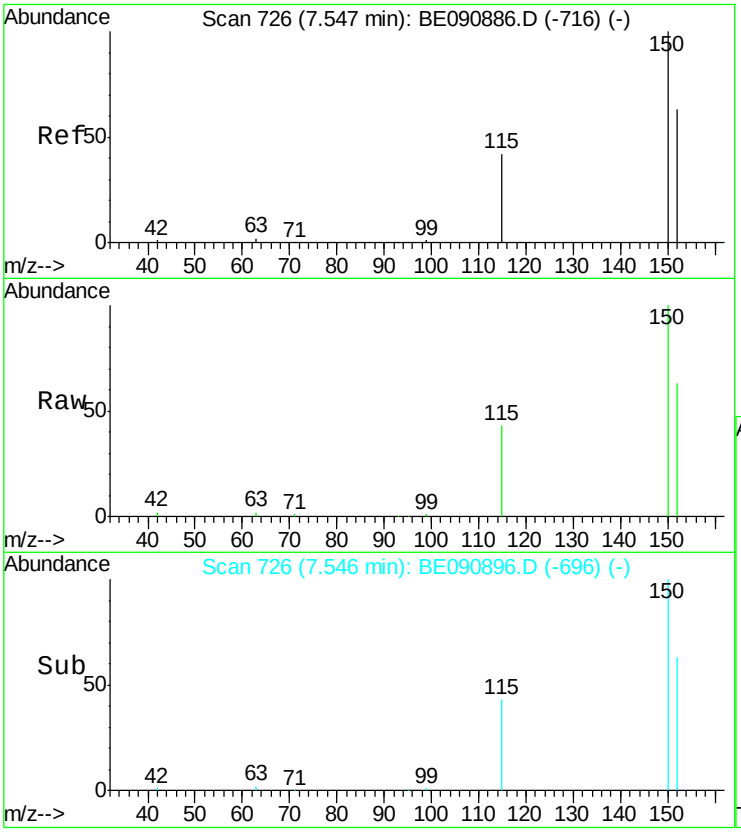
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090896.D
Acq On : 19 Sep 2015 5:03
Operator : UM/IZ
Sample : G3700-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Quant Time: Sep 19 05:40:55 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



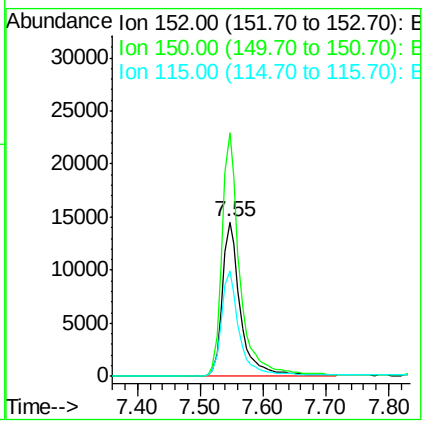


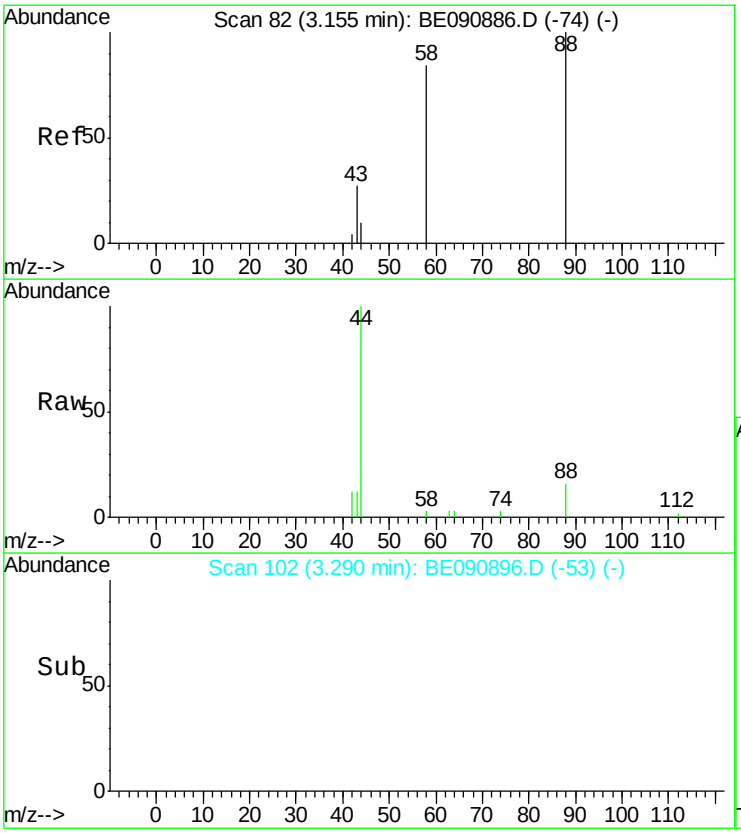
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:152 Resp: 28875

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.2	183.4
115	68.0	51.0	76.4

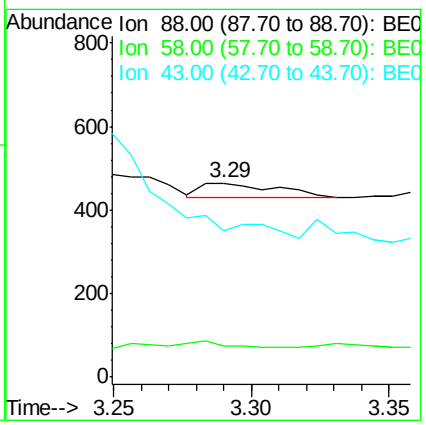


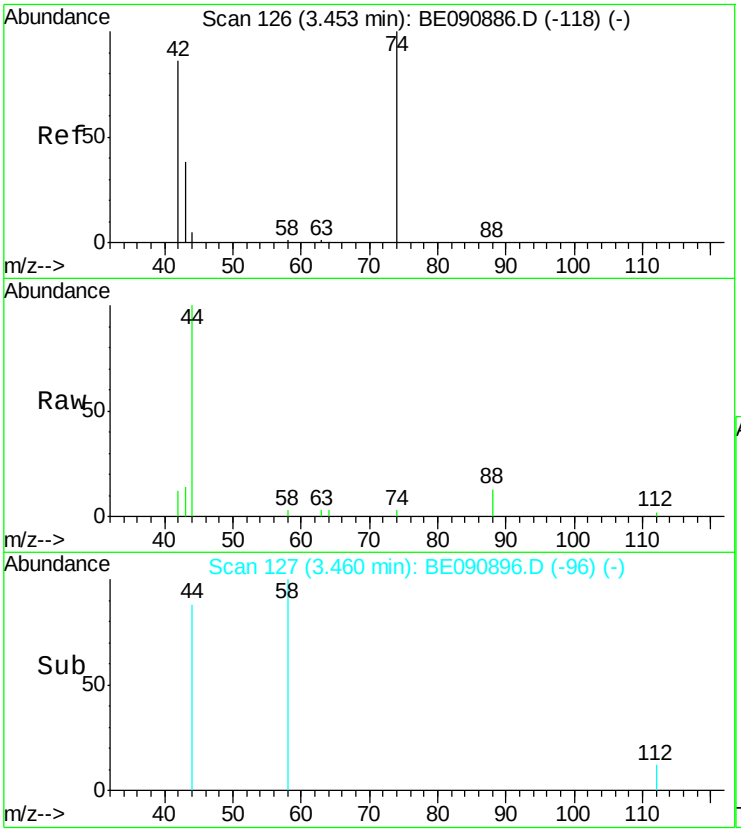


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 102
Delta R.T. 0.14 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
58	35.7	68.4	102.6#
43	0.0	26.9	40.3#



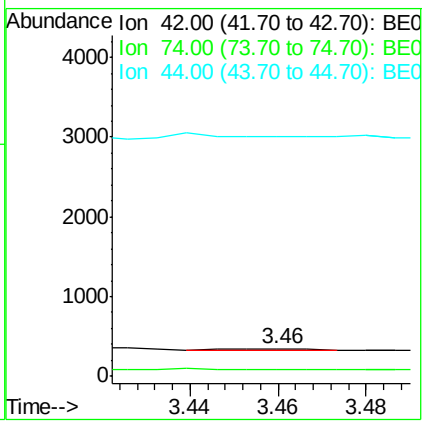


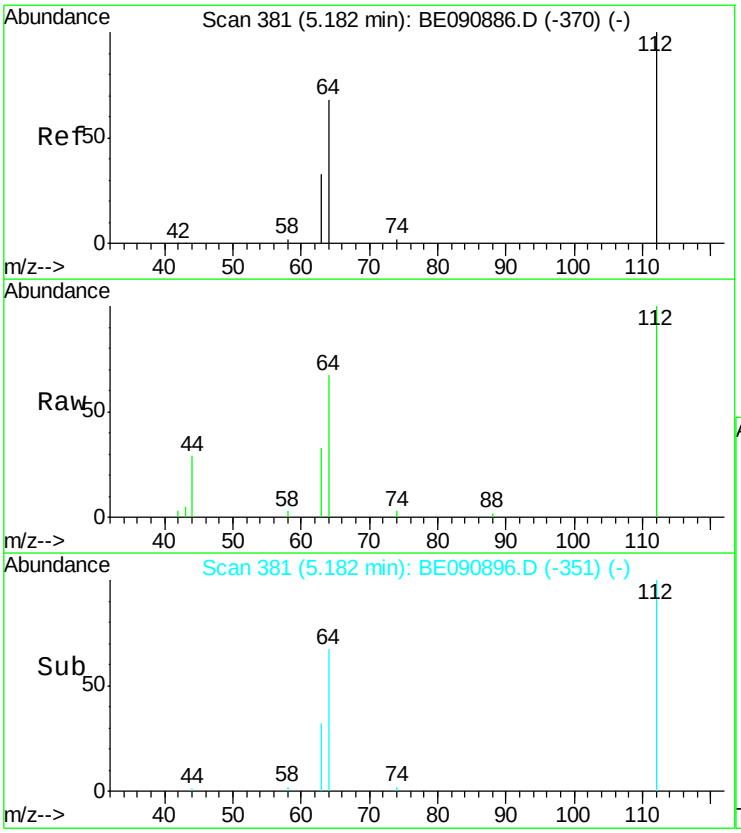
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.46 min Scan# 127
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion: 42 Resp: 46

Ion	Ratio	Lower	Upper
42	100		
74	15.2	83.7	125.5#
44	0.0	10.0	15.0#

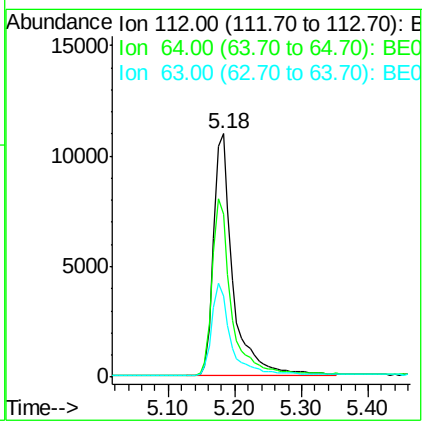


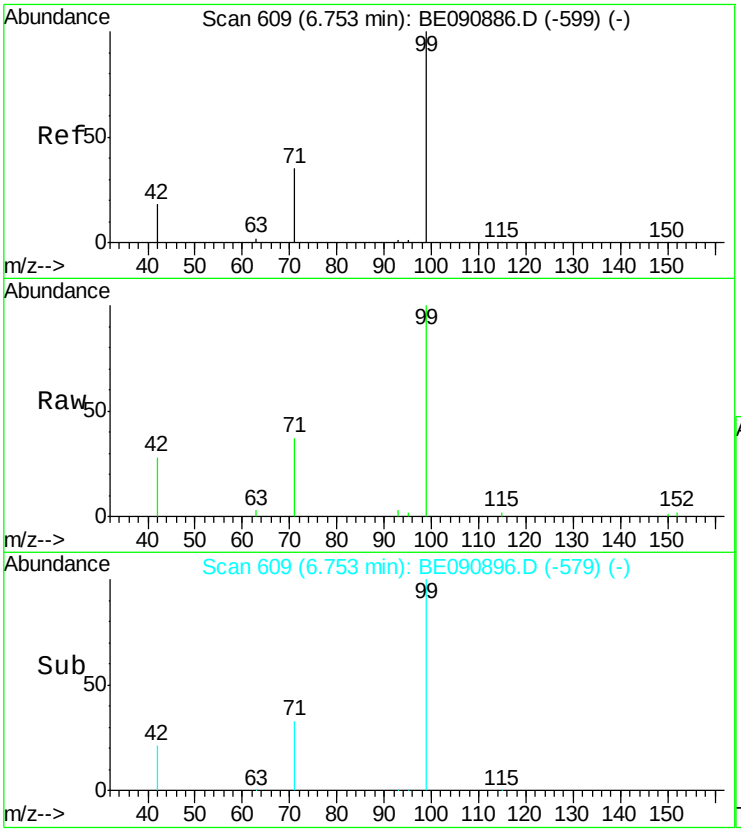


#4
2-Fluorophenol
Concen: 3.39 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:112 Resp: 22074

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



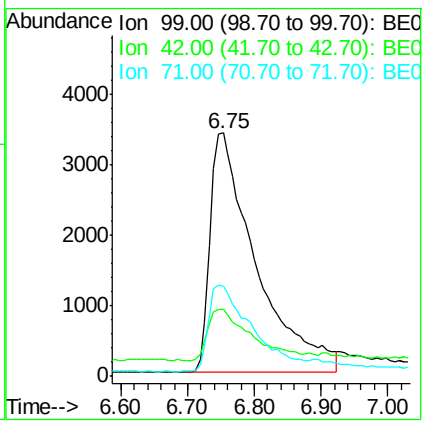


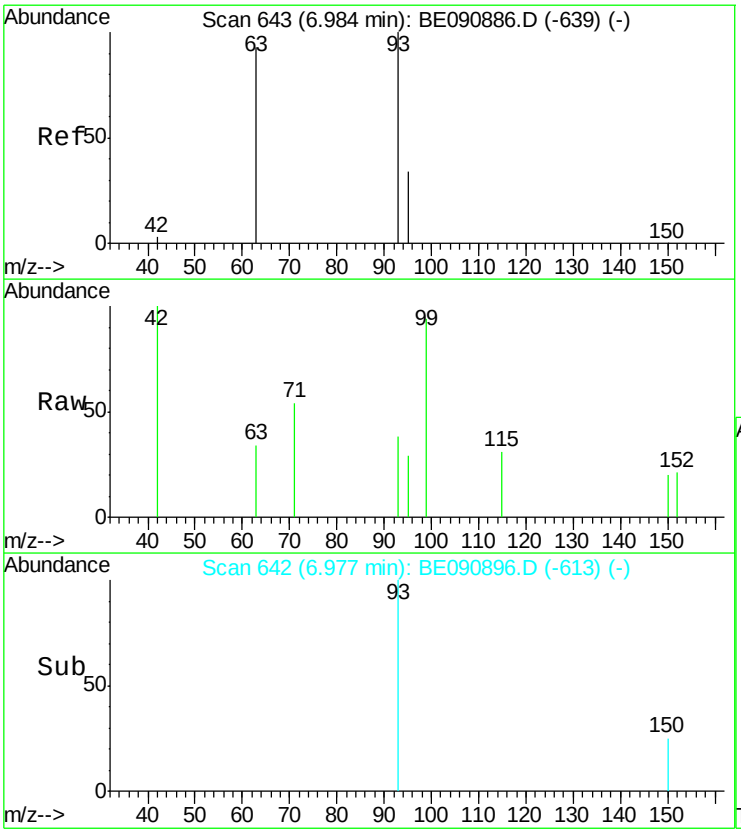
#5
Phenol-d6
Concen: 1.80 ng
RT: 6.75 min Scan# 609
Delta R.T. 0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion: 99 Resp: 16239

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.8	25.2
71	35.1	28.3	42.5

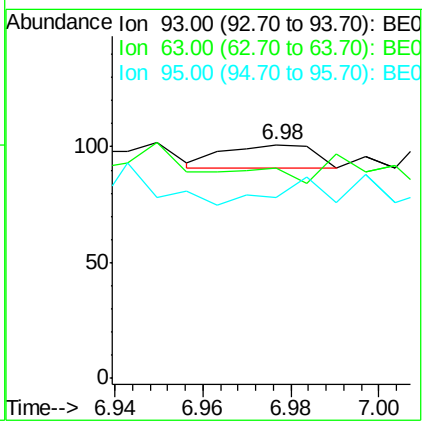


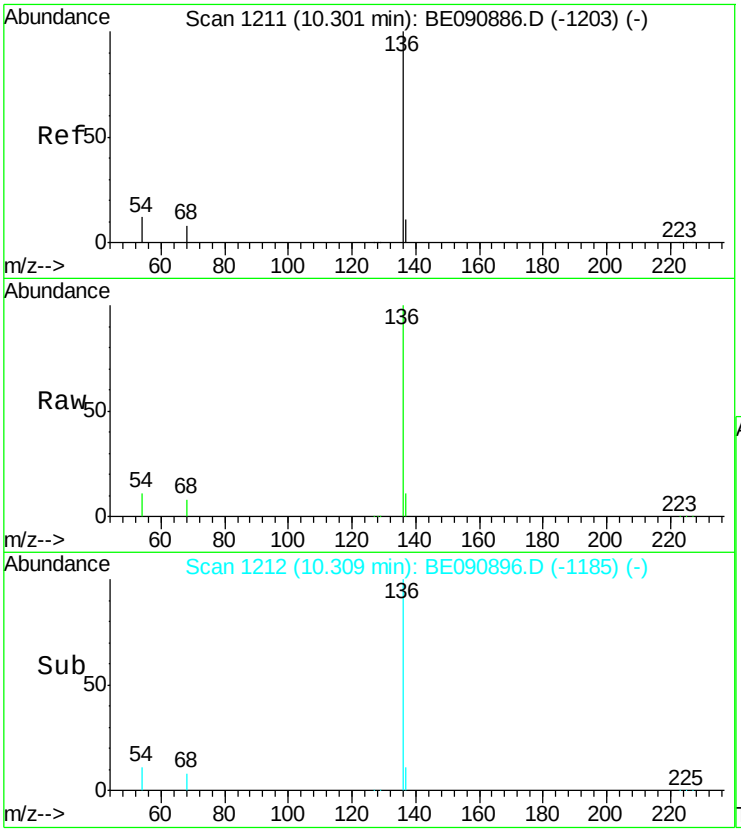


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 6.98 min Scan# 642
Delta R.T. -0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion: 93 Resp: 14

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	57.1	26.9	40.3#



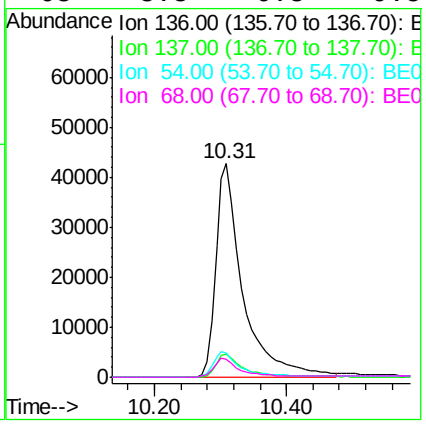


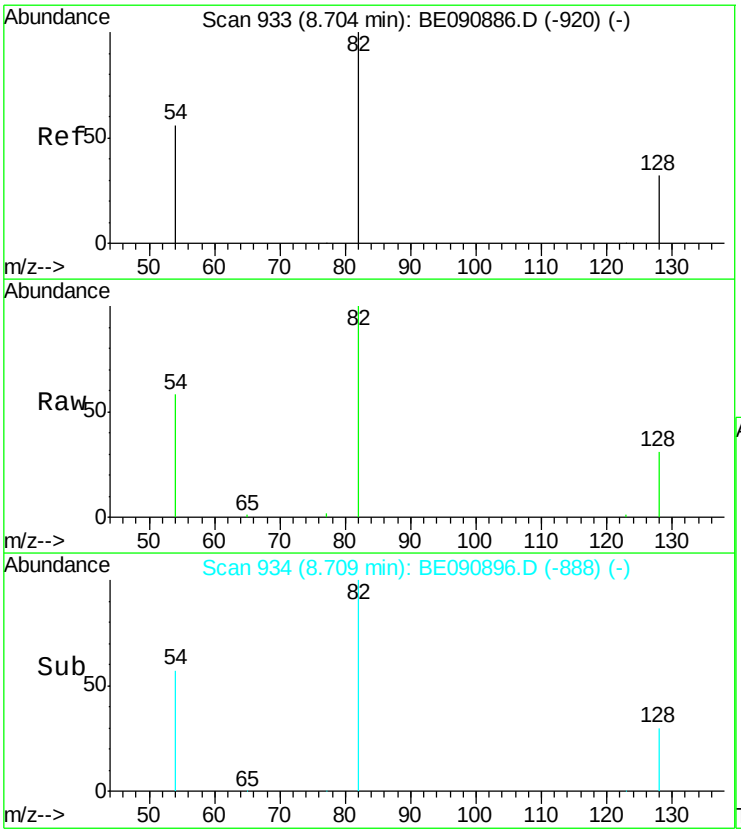
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:136 Resp: 121698

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.4	9.0	13.6
68	8.3	6.3	9.5

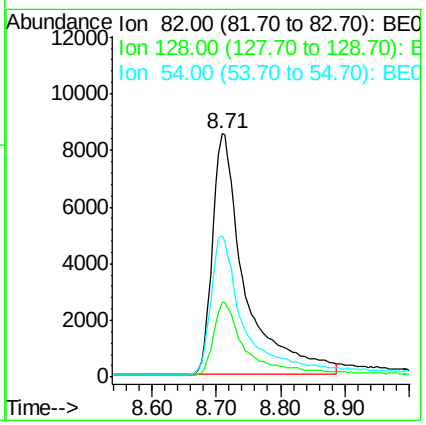


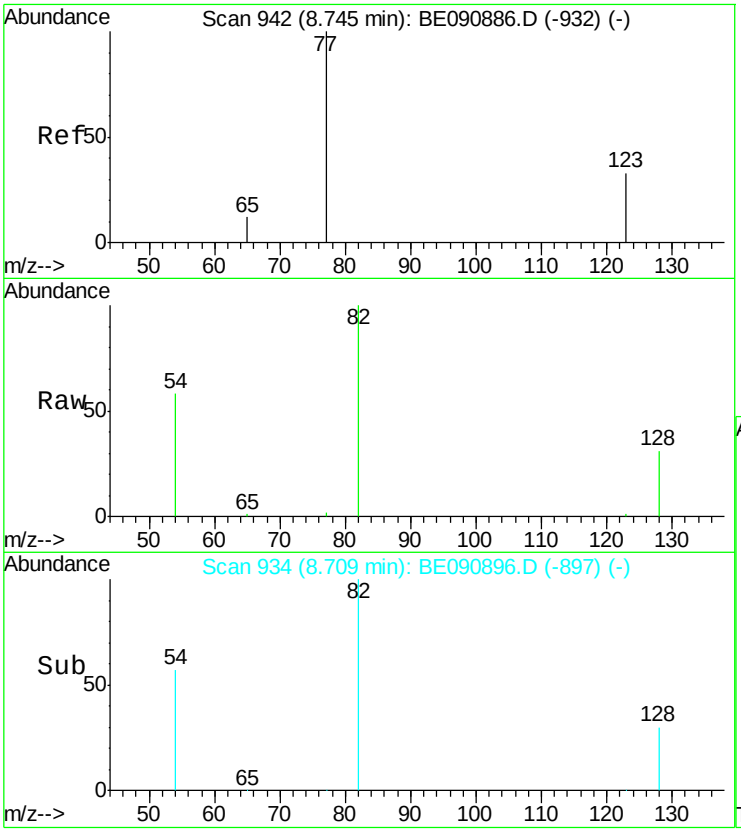


#8
Nitrobenzene-d5
Concen: 3.59 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion: 82 Resp: 30092

Ion	Ratio	Lower	Upper
82	100		
128	30.6	25.0	37.4
54	57.8	46.3	69.5



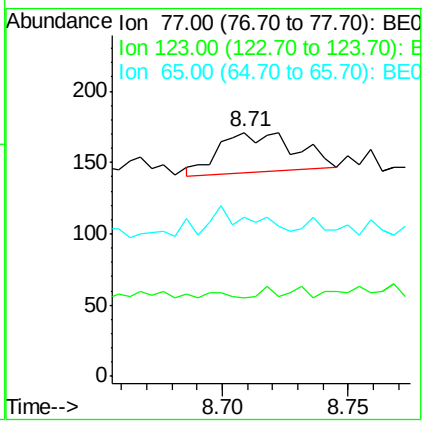


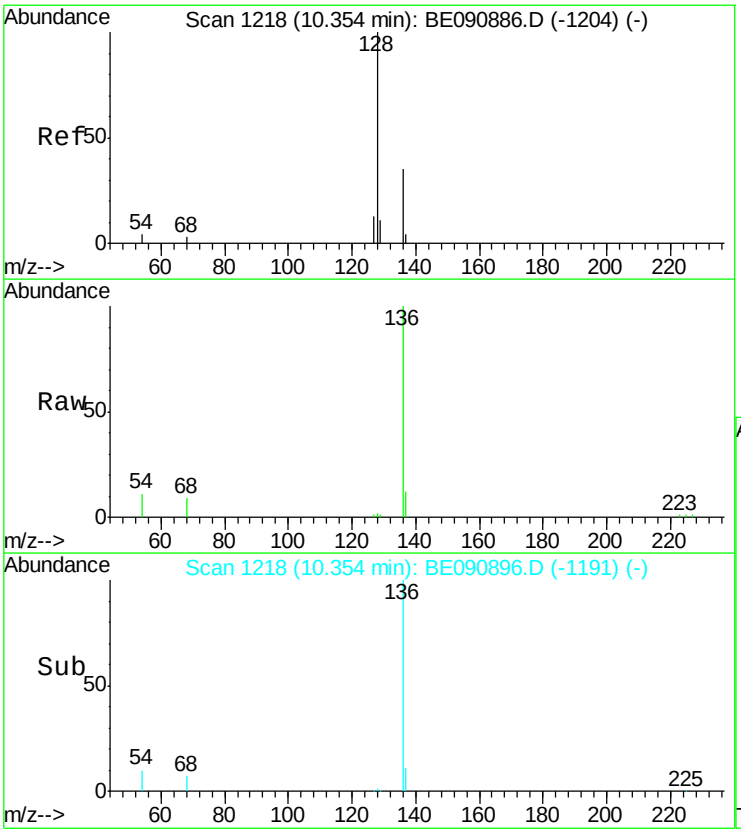
#9
Nitrobenzene
Concen: 0.01 ng
RT: 8.71 min Scan# 934
Delta R.T. -0.03 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion: 77 Resp: 58

Ion	Ratio	Lower	Upper
77	100		
123	5.2	25.1	37.7#
65	0.0	9.9	14.9#

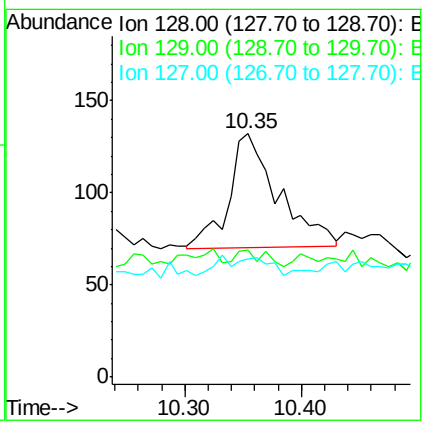


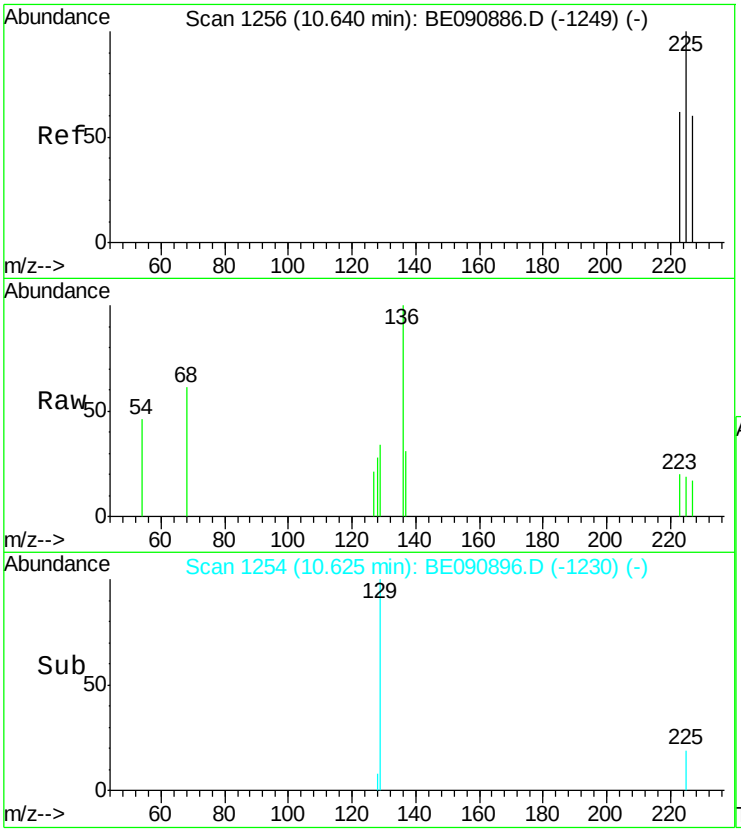


#10
Naphthalene
Concen: Below Cal
RT: 10.35 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:128 Resp: 182

Ion	Ratio	Lower	Upper
128	100		
129	52.3	8.4	12.6#
127	48.5	9.9	14.9#



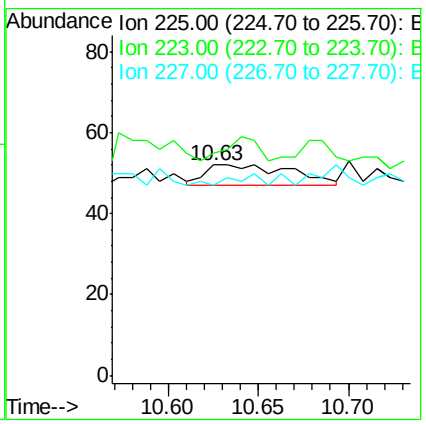


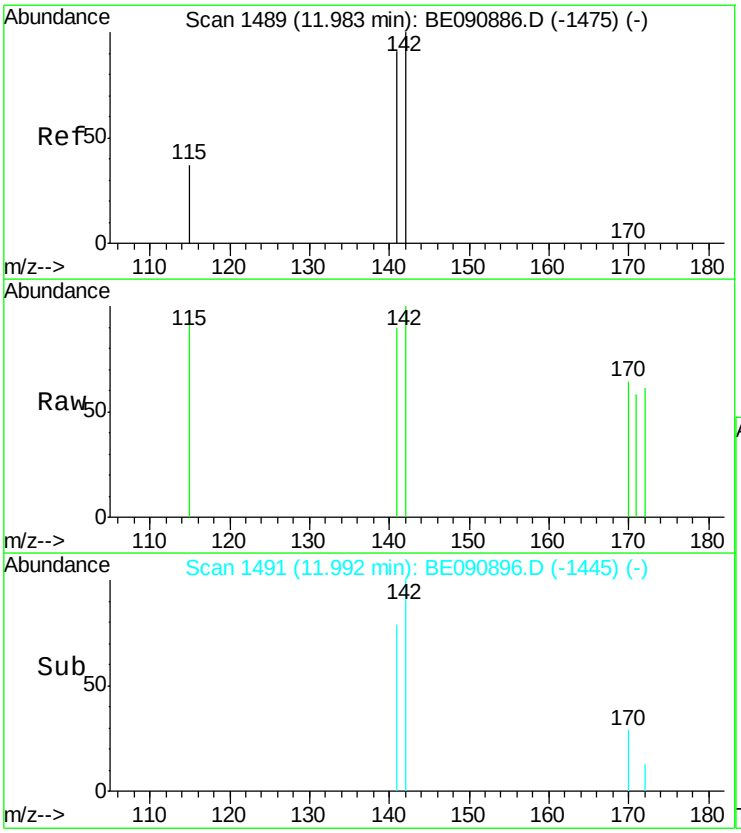
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.63 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:225 Resp: 17

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

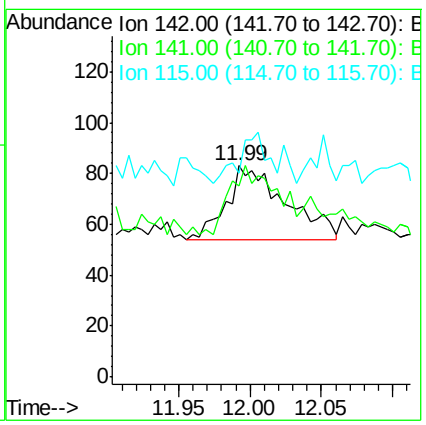


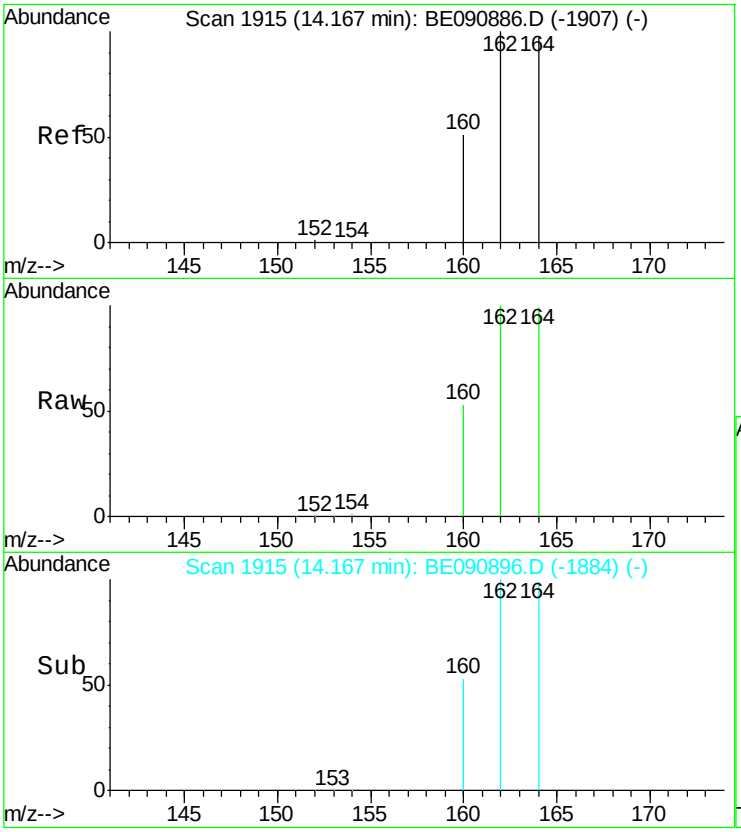


#12
2-Methylnaphthalene
Concen: 0.01 ng
RT: 11.99 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:142 Resp: 84

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	96.4	31.0	46.4#



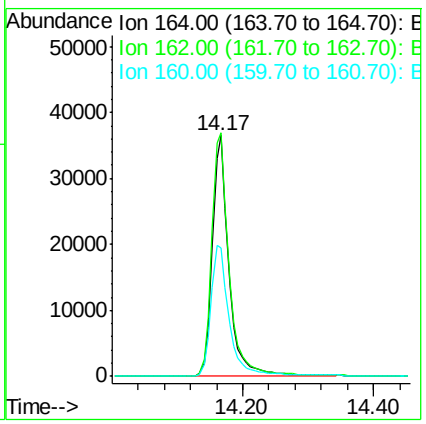


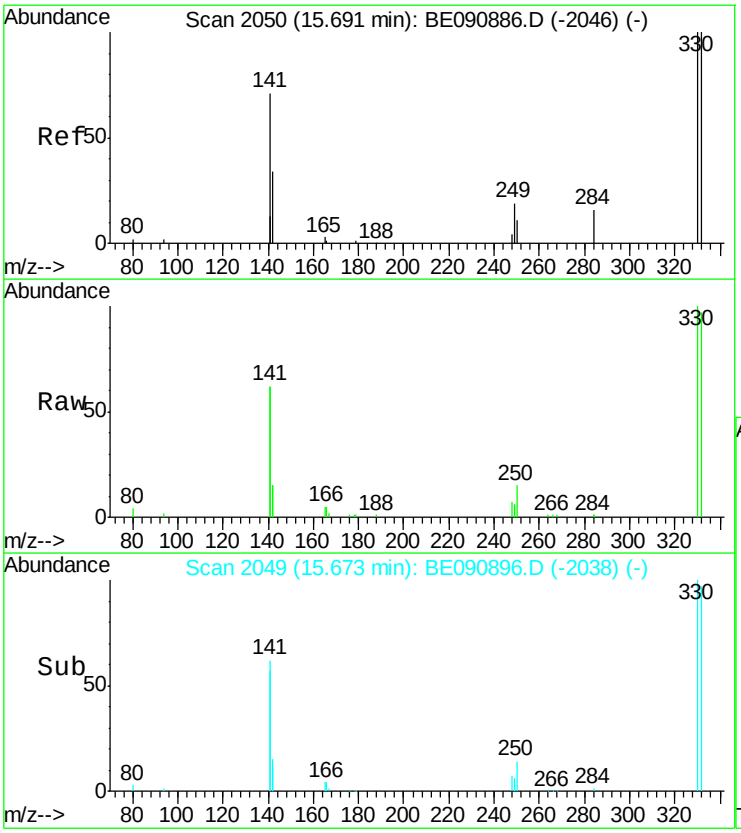
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:164 Resp: 63723

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.8	130.2
160	53.3	53.9	80.9#

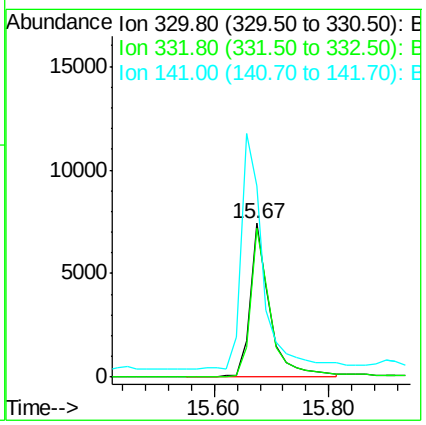


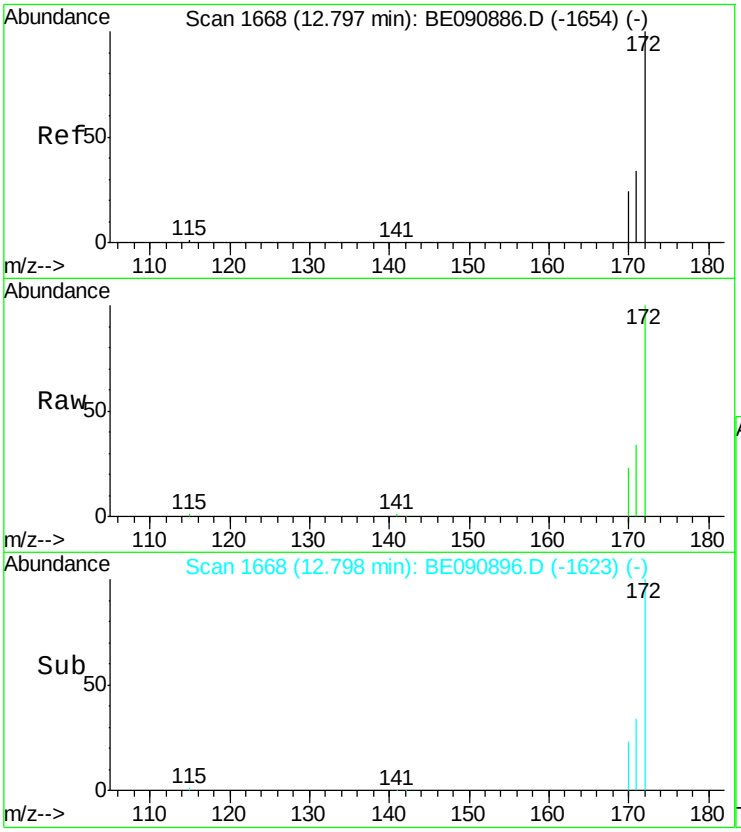


#14
2,4,6-Tribromophenol
Concen: 7.77 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:330 Resp: 17475

Ion	Ratio	Lower	Upper
330	100		
332	97.1	74.9	112.3
141	171.5	145.2	217.8



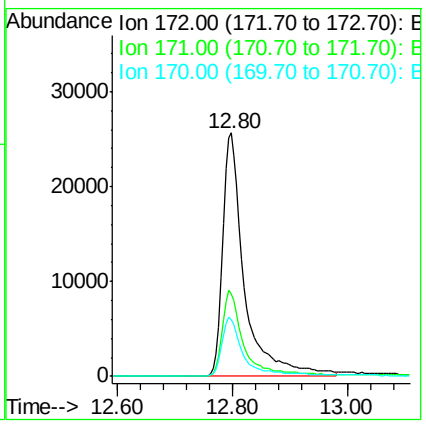


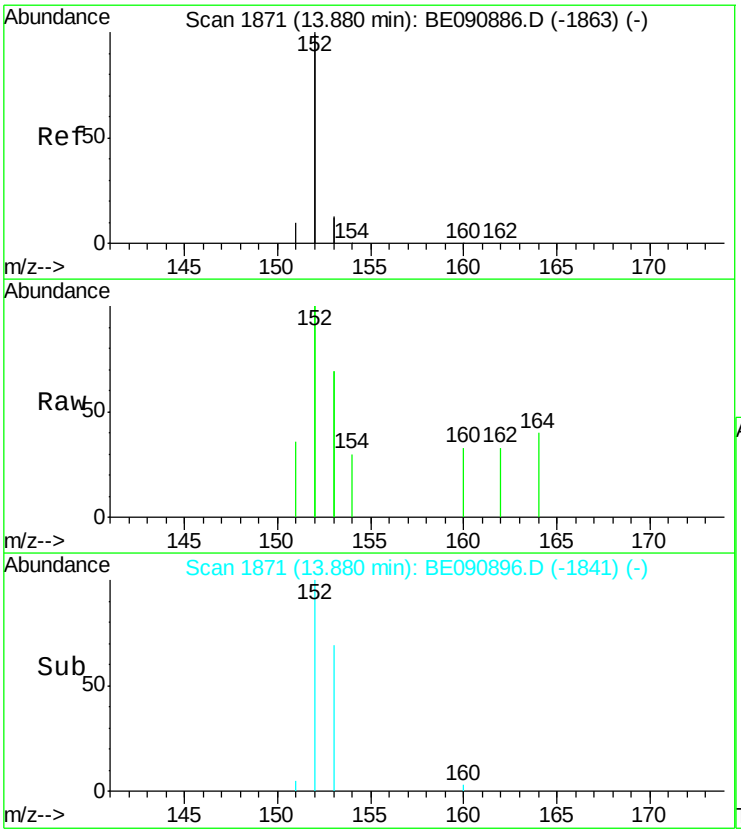
#15
2-Fluorobiphenyl
Concen: 3.75 ng
RT: 12.80 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:172 Resp: 67741

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.8
170	23.2	19.8	29.6

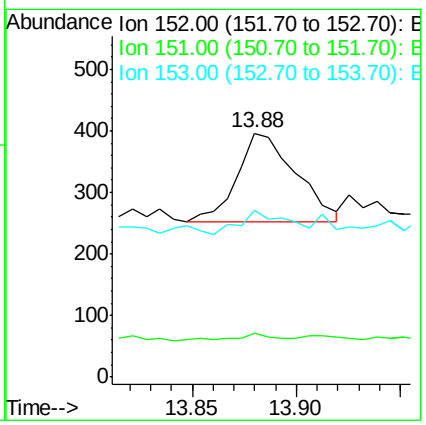


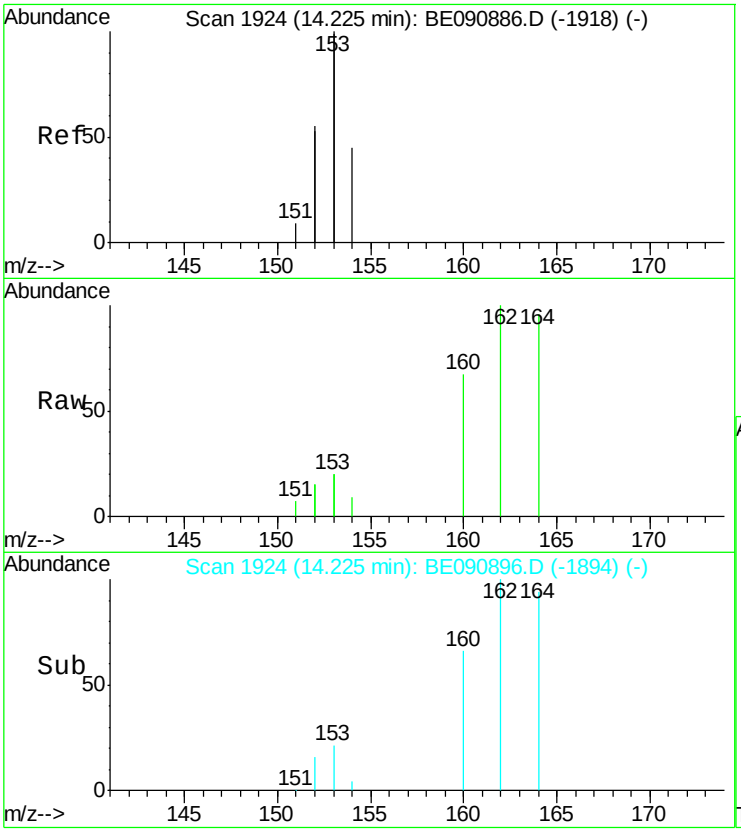


#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.88 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:152 Resp: 285

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.9	5.9
153	21.1	10.3	15.5#



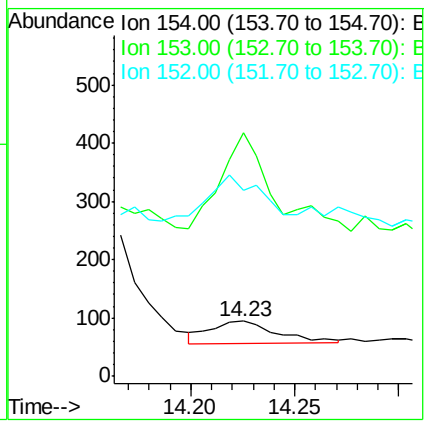


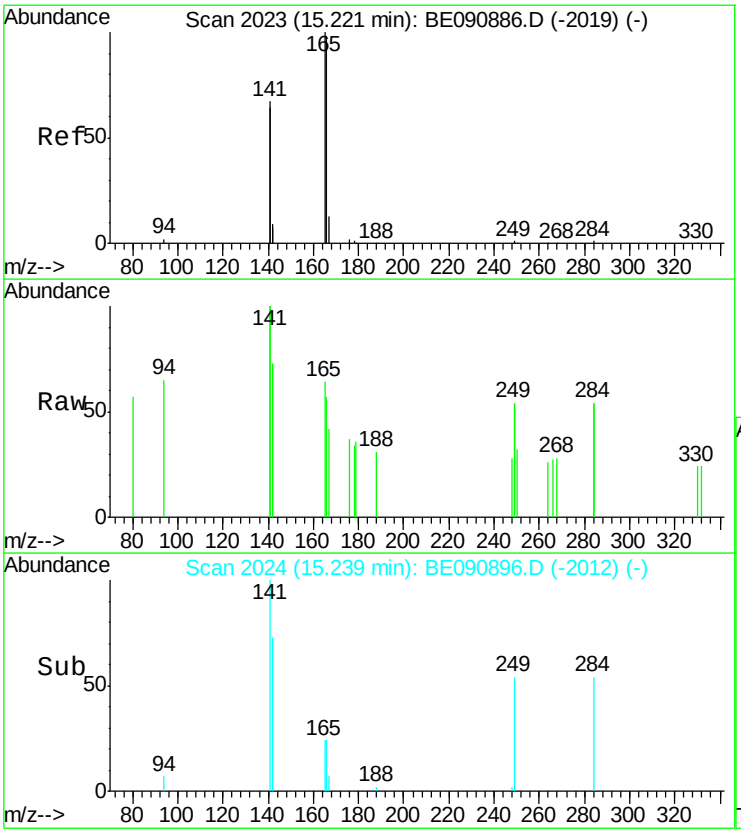
#17
Acenaphthene
Concen: 0.00 ng
RT: 14.23 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:154 Resp: 84

Ion	Ratio	Lower	Upper
154	100		
153	369.0	354.5	531.7
152	165.5	227.8	341.6#

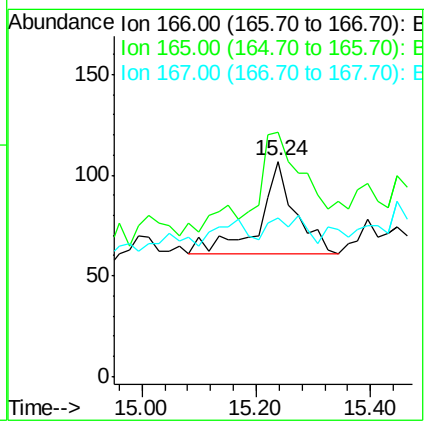


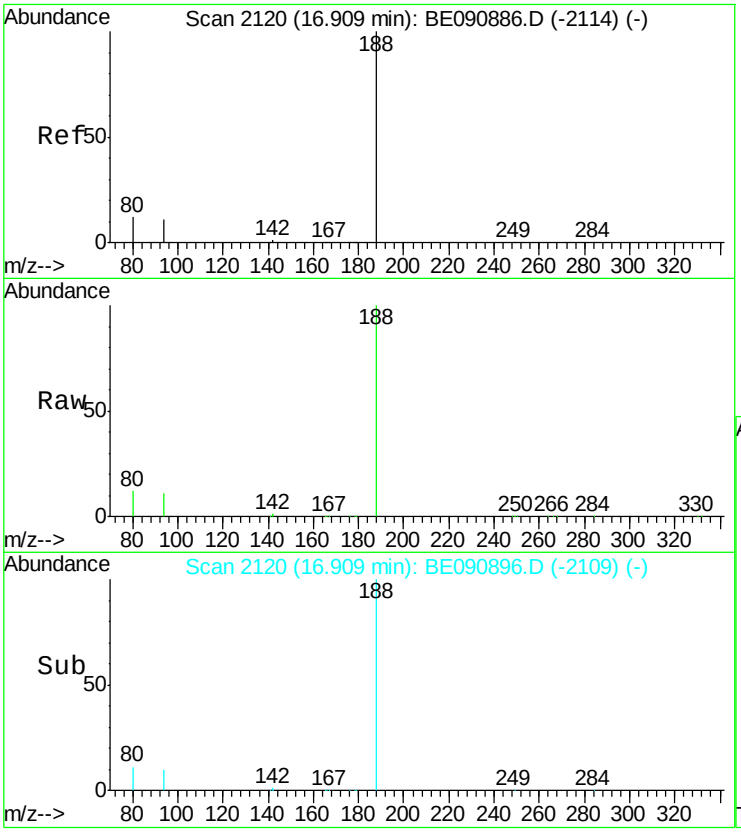


#18
Fluorene
Concen: Below Cal
RT: 15.24 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:166 Resp: 198

Ion	Ratio	Lower	Upper
166	100		
165	106.6	82.7	124.1
167	0.0	10.7	16.1#



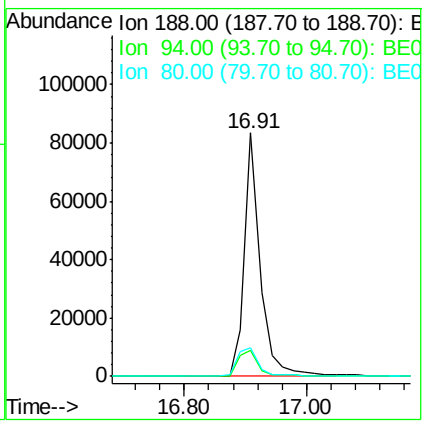


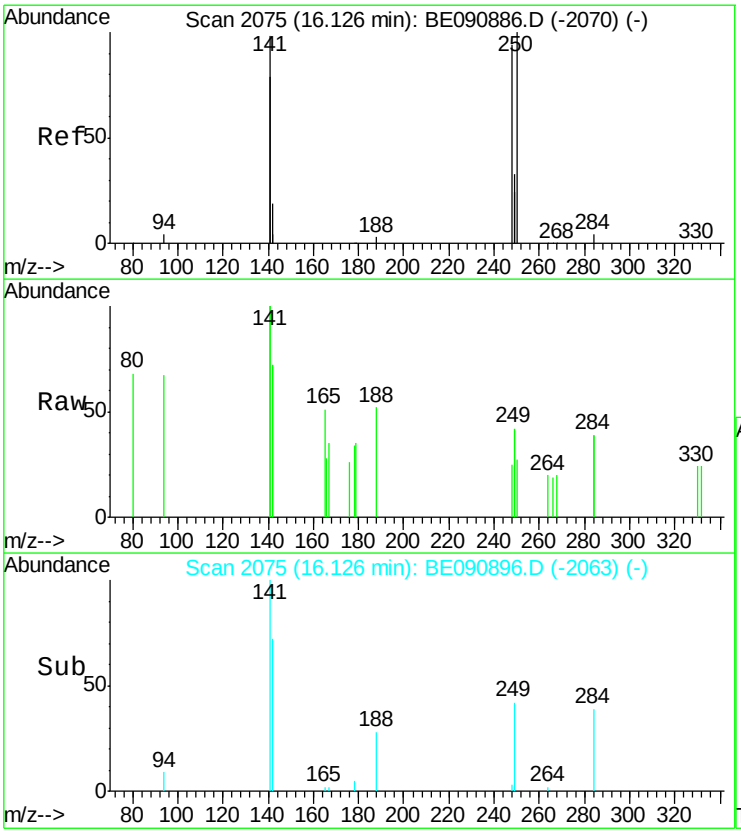
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:188 Resp: 150050

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

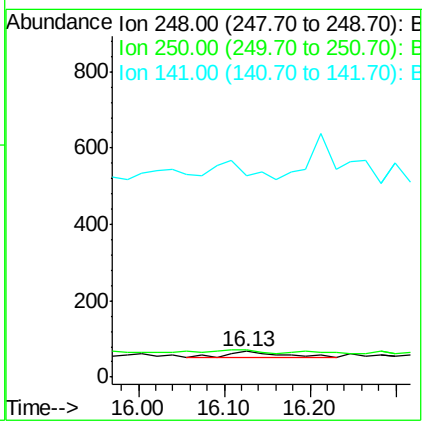


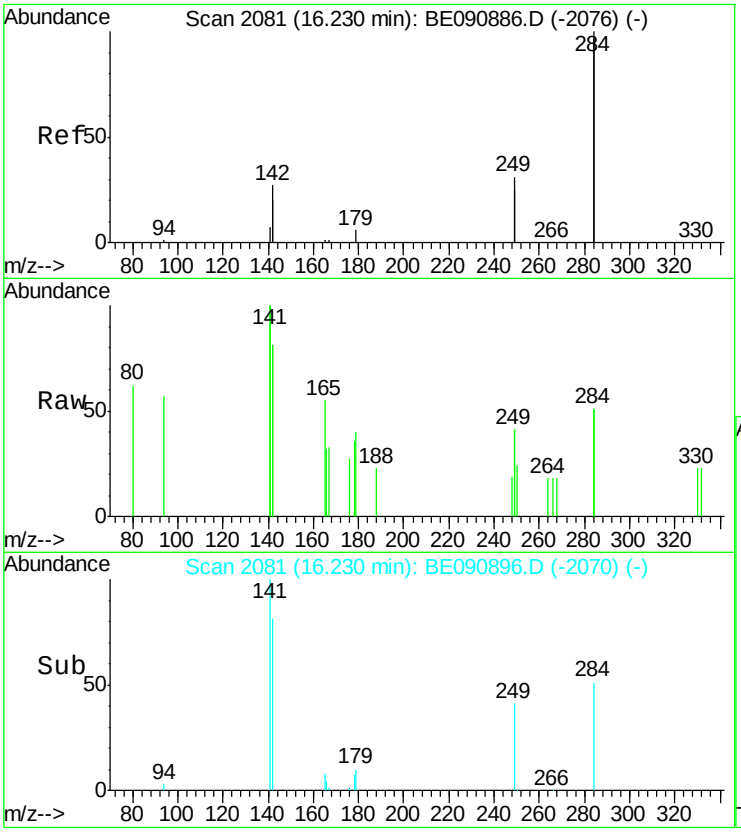


#20
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.13 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:248 Resp: 68

Ion	Ratio	Lower	Upper
248	100		
250	55.9	76.7	115.1#
141	180.9	292.6	439.0#



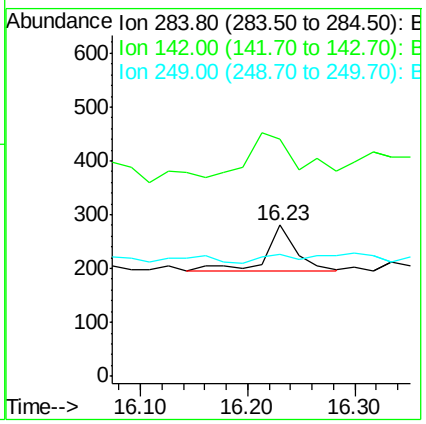


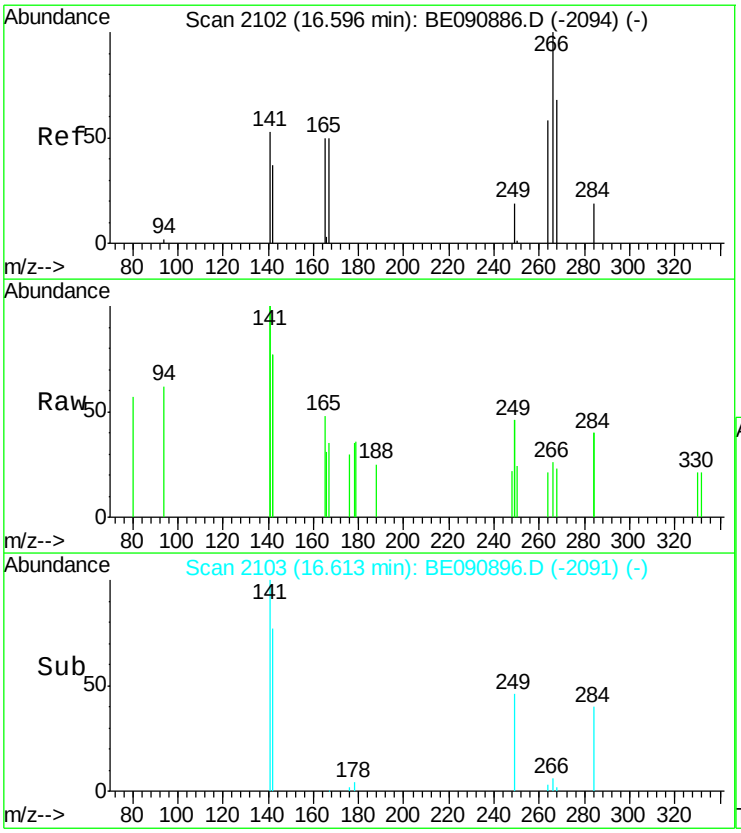
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:284 Resp: 163

Ion	Ratio	Lower	Upper
284	100		
142	150.9	35.0	52.4#
249	21.5	25.5	38.3#

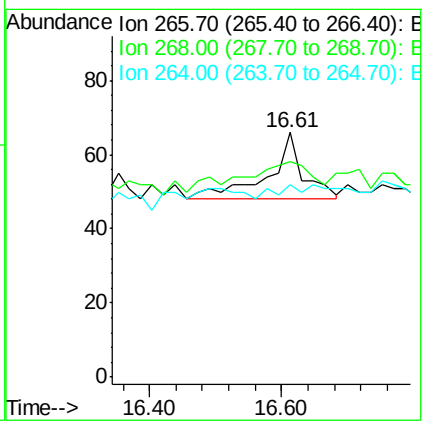


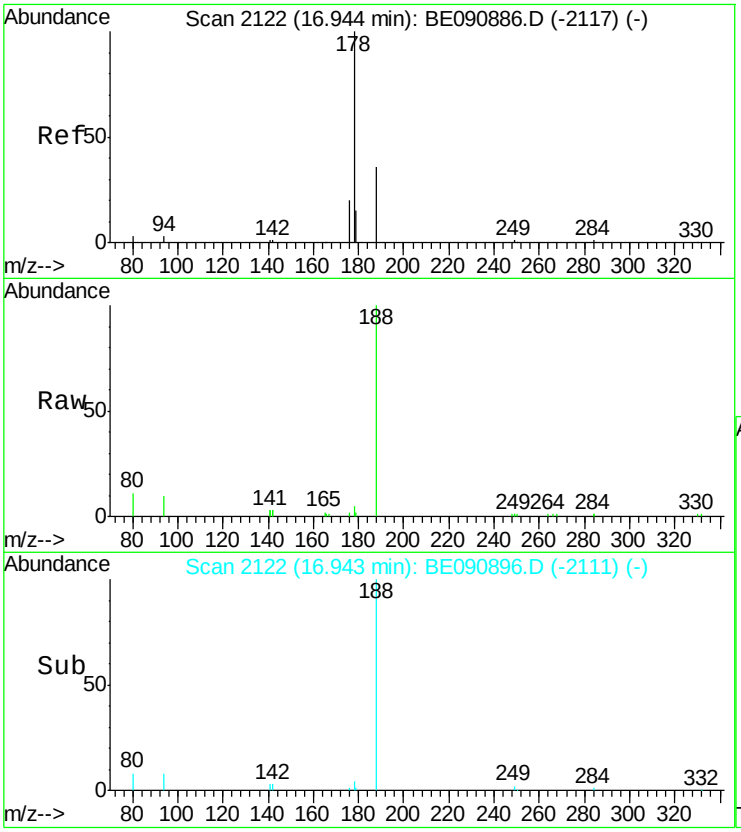


#22
Pentachlorophenol
Concen: 0.20 ng
RT: 16.61 min Scan# 2103
Delta R.T. 0.02 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:266 Resp: 68

Ion	Ratio	Lower	Upper
266	100		
268	87.9	49.6	74.4#
264	78.8	53.9	80.9



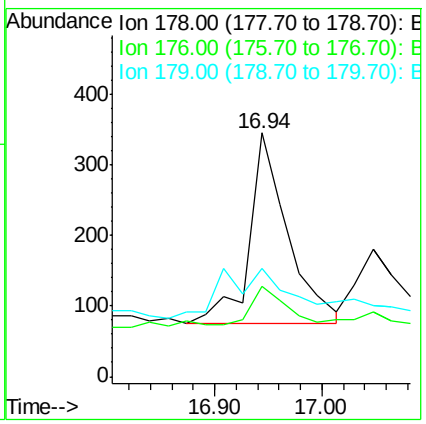


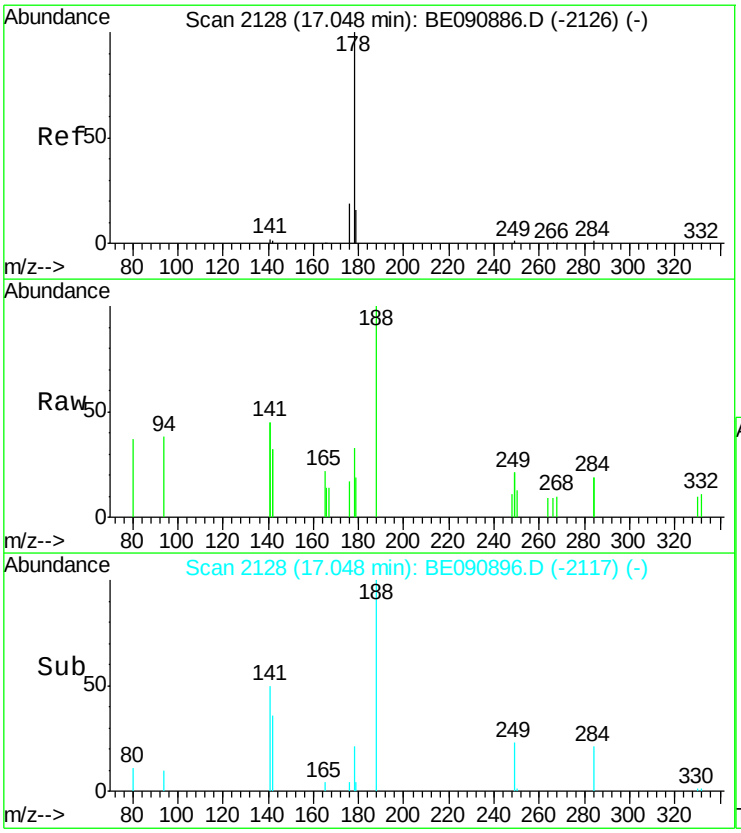
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:178 Resp: 666

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	0.0	12.8	19.2#

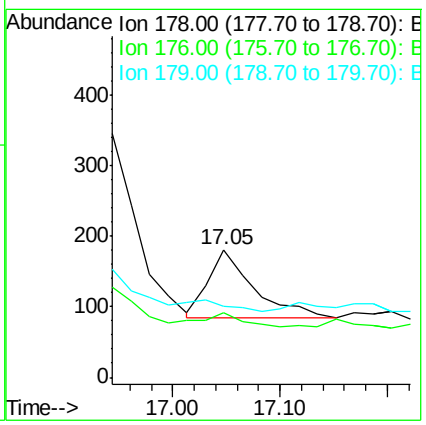


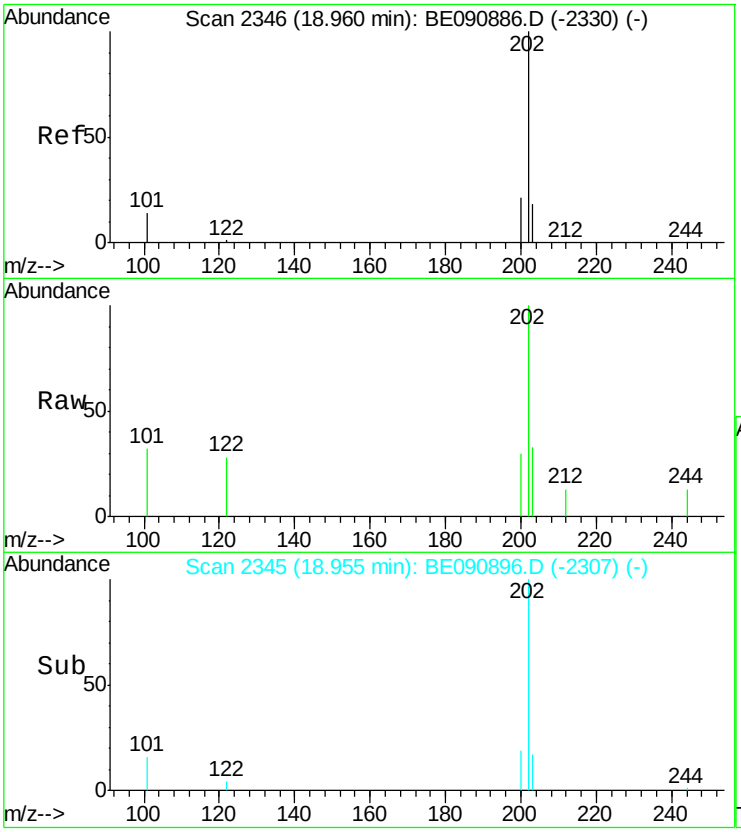


#24
Anthracene
Concen: 0.01 ng
RT: 17.05 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:178 Resp: 276

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.6
179	0.0	12.3	18.5#



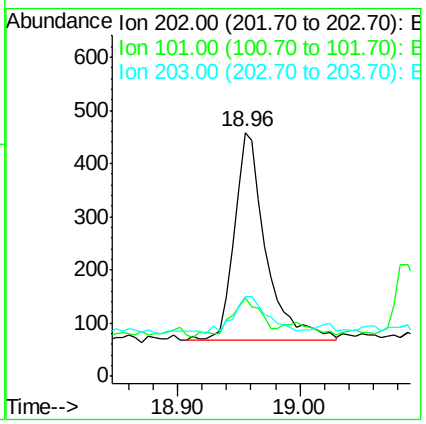


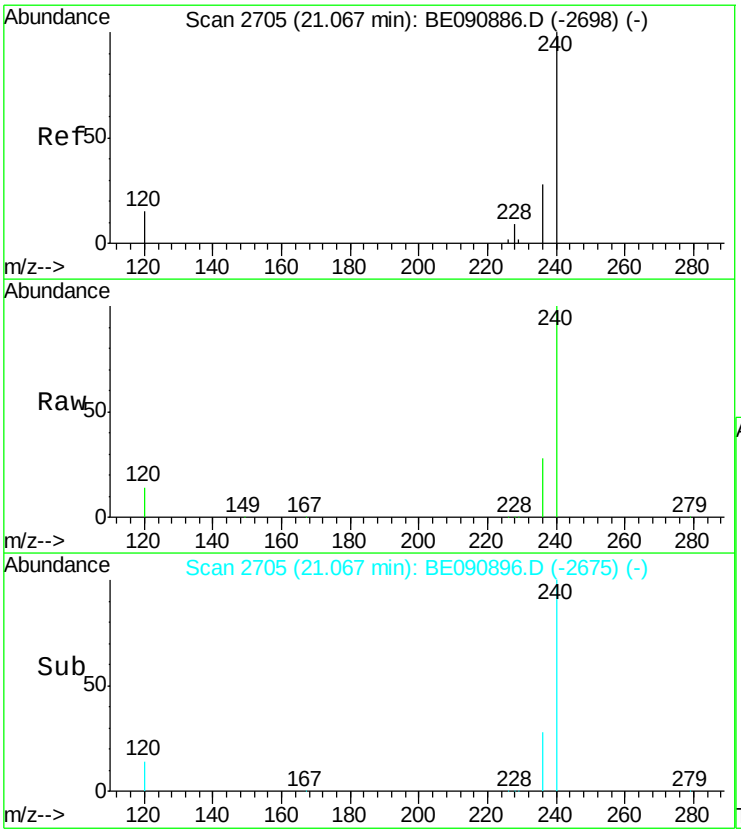
#25
Fluoranthene
Concen: 0.02 ng
RT: 18.96 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:202 Resp: 691

Ion	Ratio	Lower	Upper
202	100		
101	20.3	11.0	16.6#
203	17.4	13.9	20.9

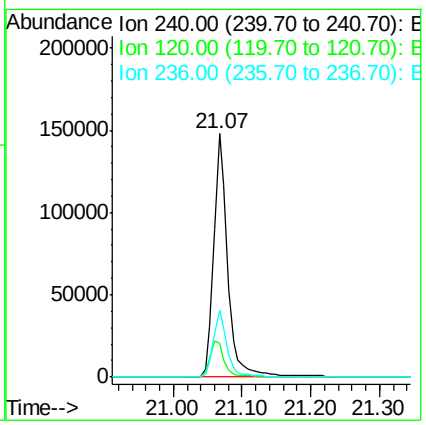


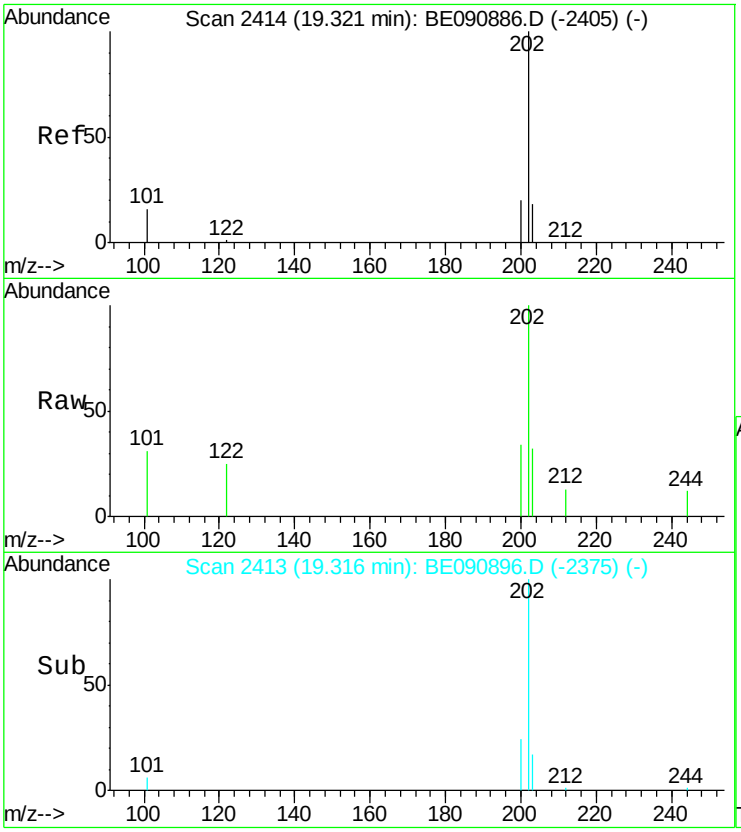


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:240 Resp: 209072

Ion	Ratio	Lower	Upper
240	100		
120	13.7	10.1	15.1
236	27.6	21.9	32.9



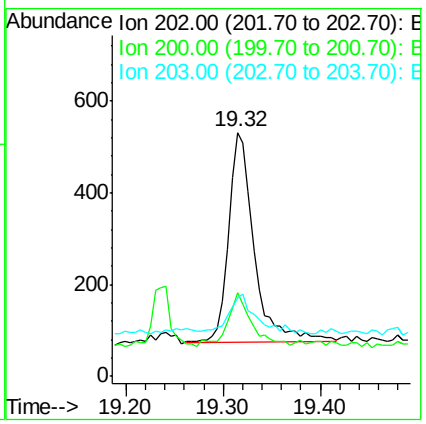


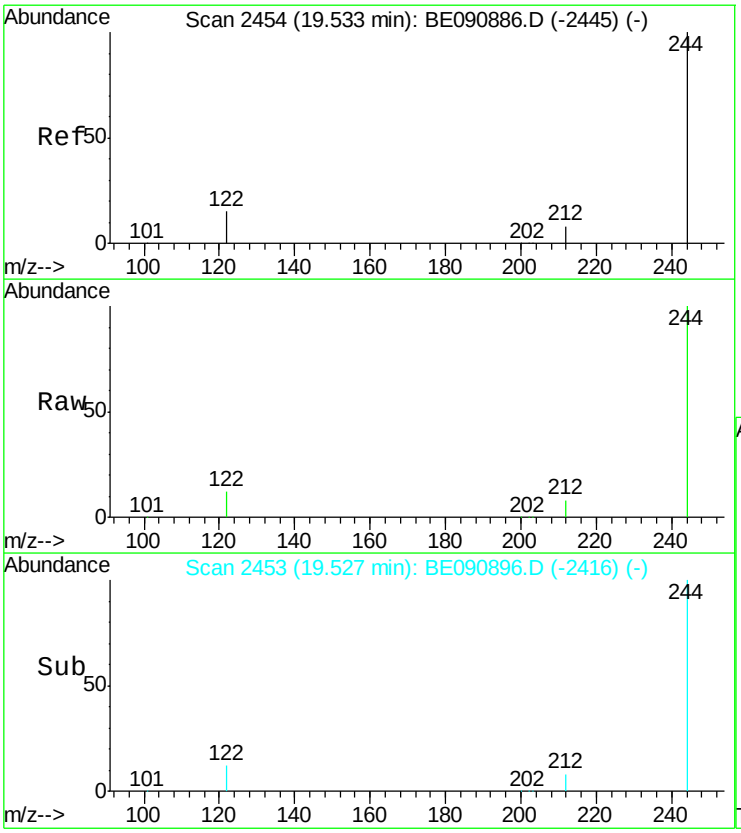
#27
Pyrene
Concen: 0.02 ng
RT: 19.32 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:202 Resp: 821

Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.7	25.1
203	23.1	13.8	20.6#

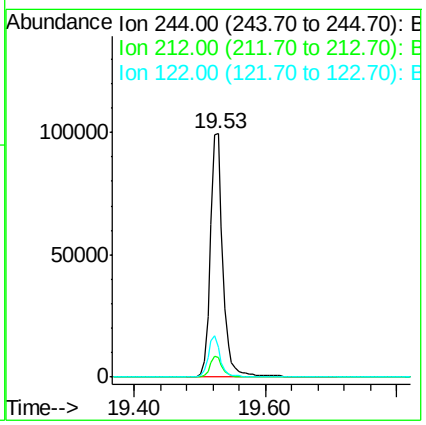


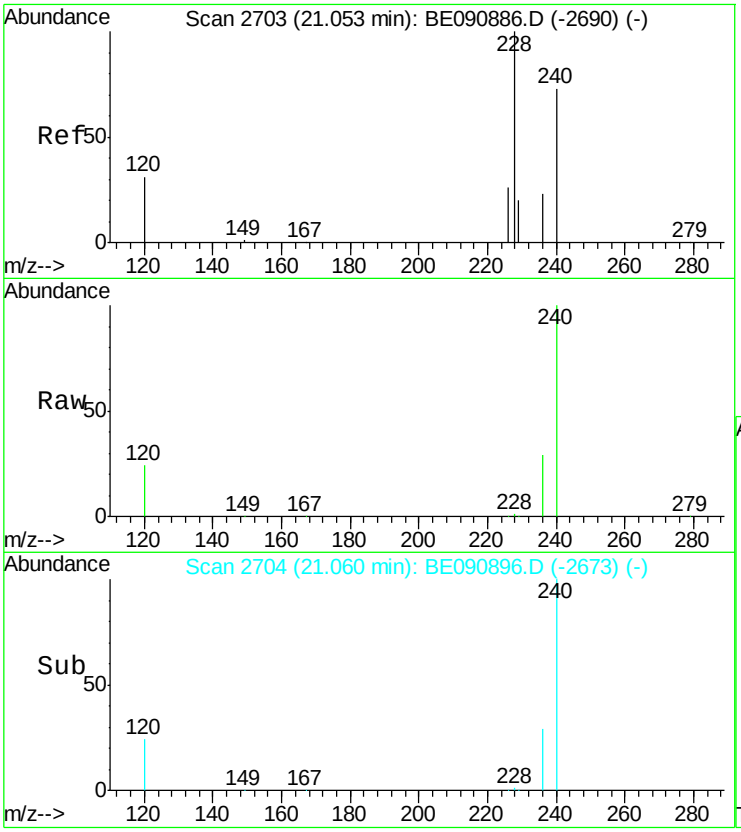


#28
Terphenyl-d14
Concen: 5.67 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:244 Resp: 133866

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	12.2	12.9	19.3#



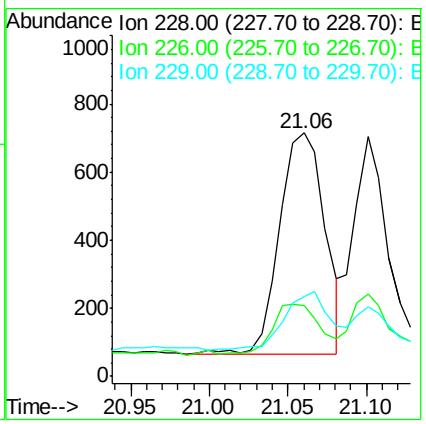


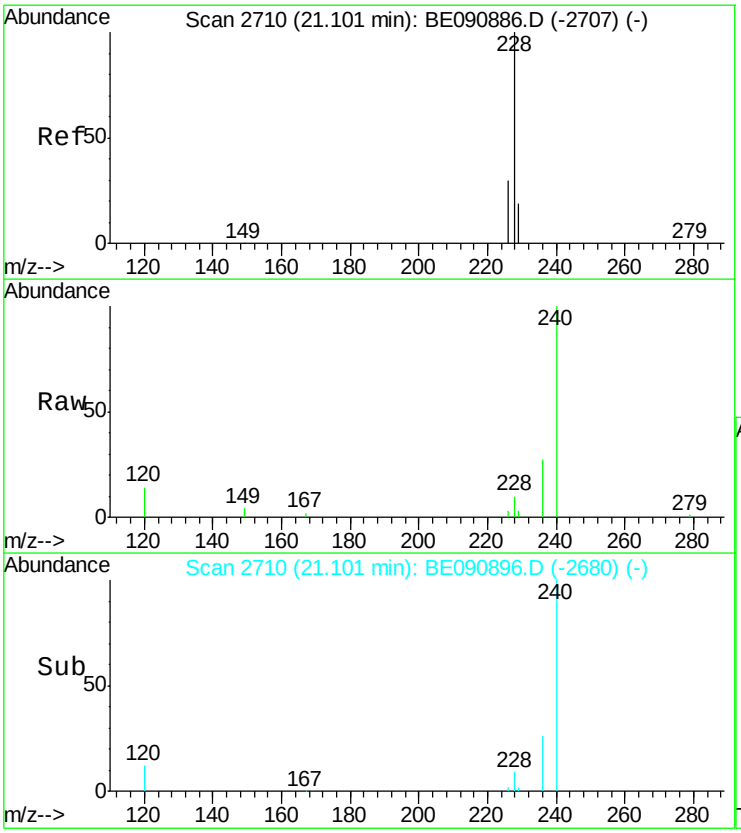
#29
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.06 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:228 Resp: 1299

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.6	32.4
229	32.6	15.9	23.9#

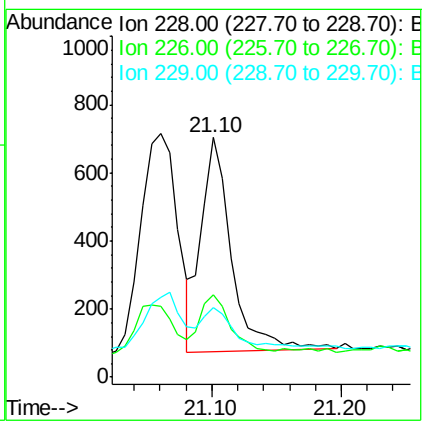


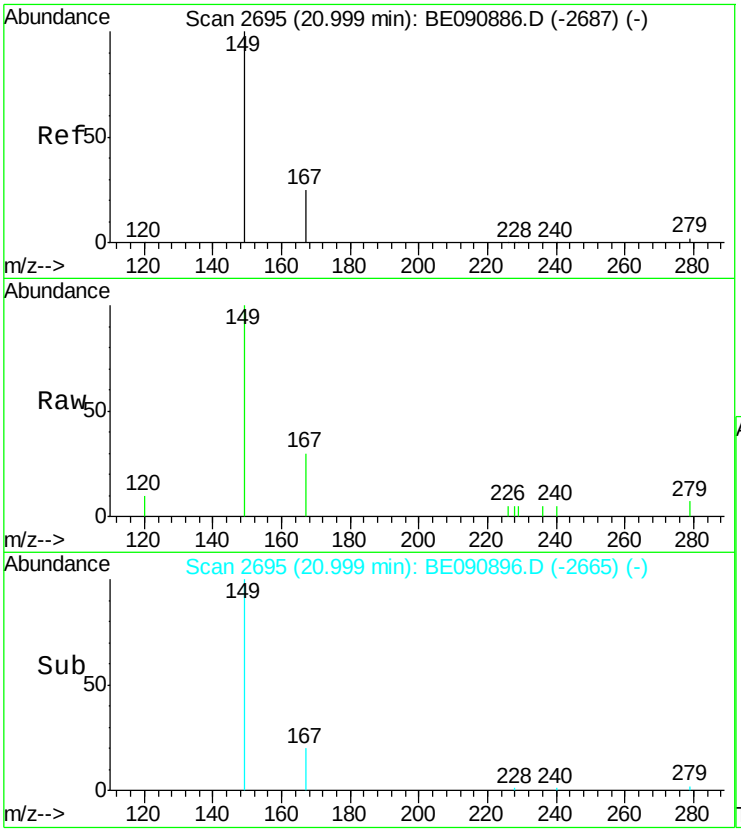


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:228 Resp: 1016

Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.2	36.4
229	29.2	15.3	22.9#



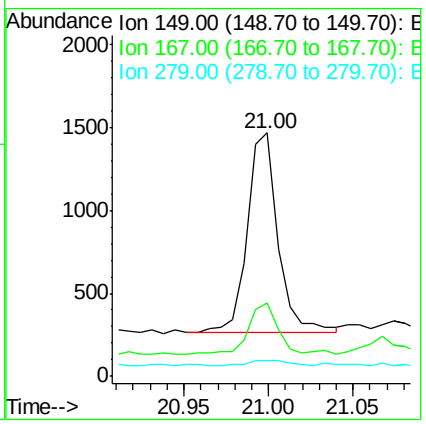


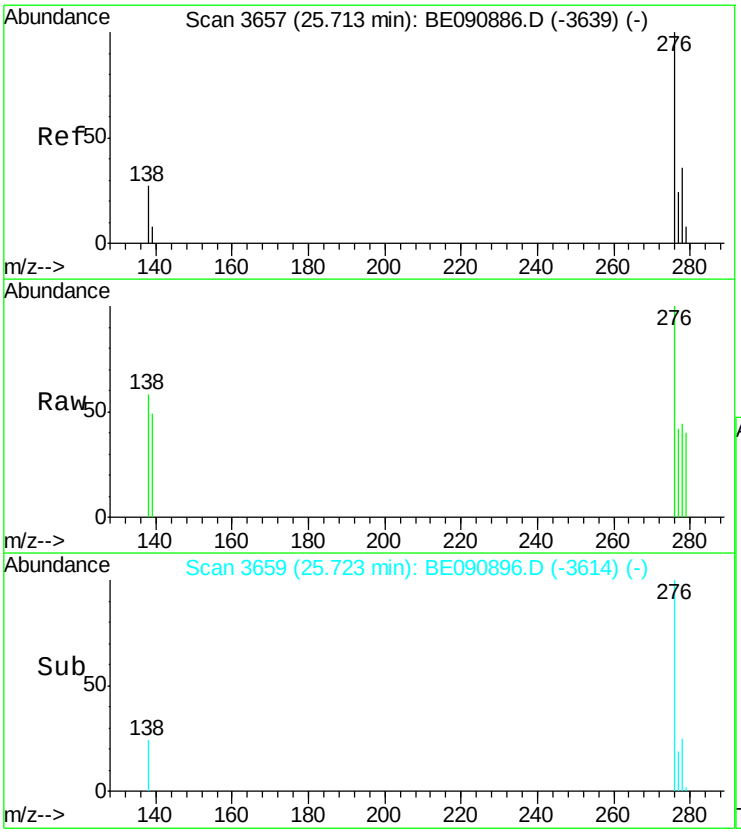
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.00 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:149 Resp: 1514

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.1	30.1
279	3.5	2.3	3.5#

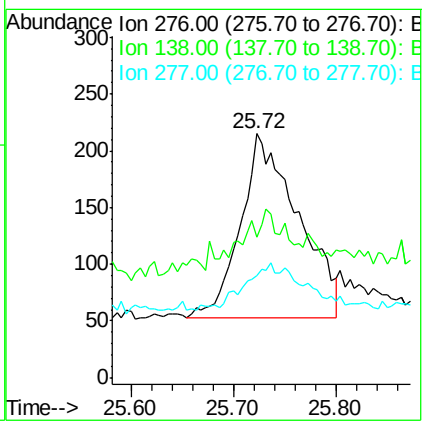


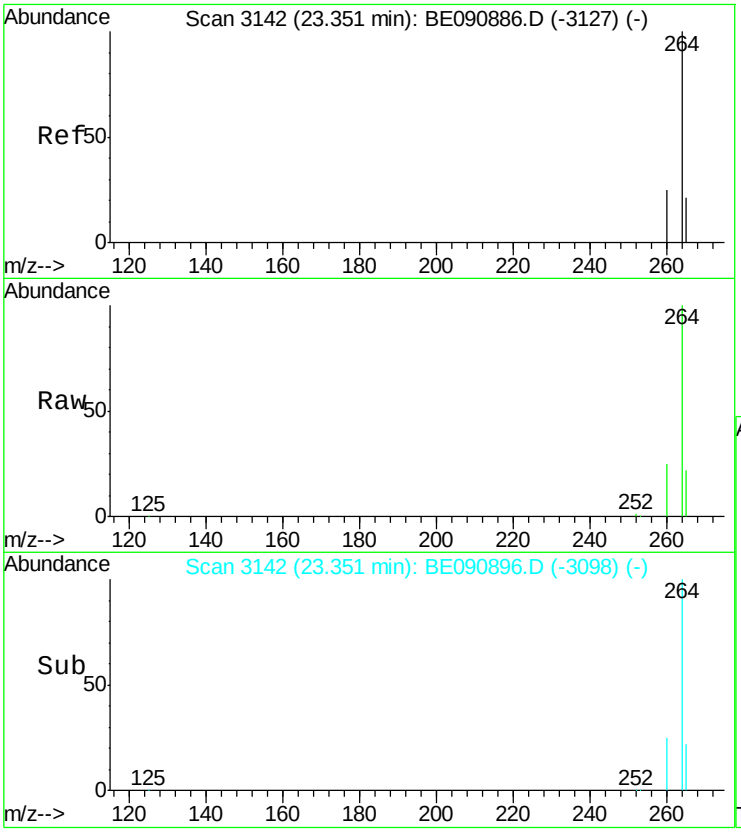


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.72 min Scan# 3659
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:276 Resp: 633

Ion	Ratio	Lower	Upper
276	100		
138	5.5	23.3	34.9#
277	0.0	19.8	29.6#



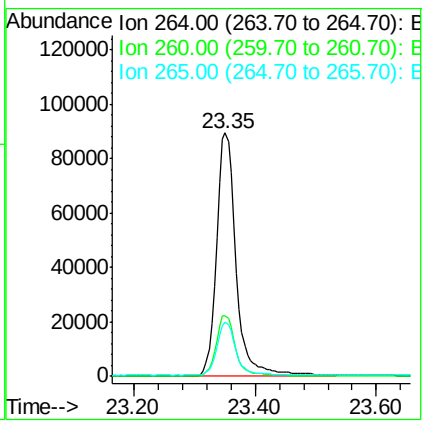


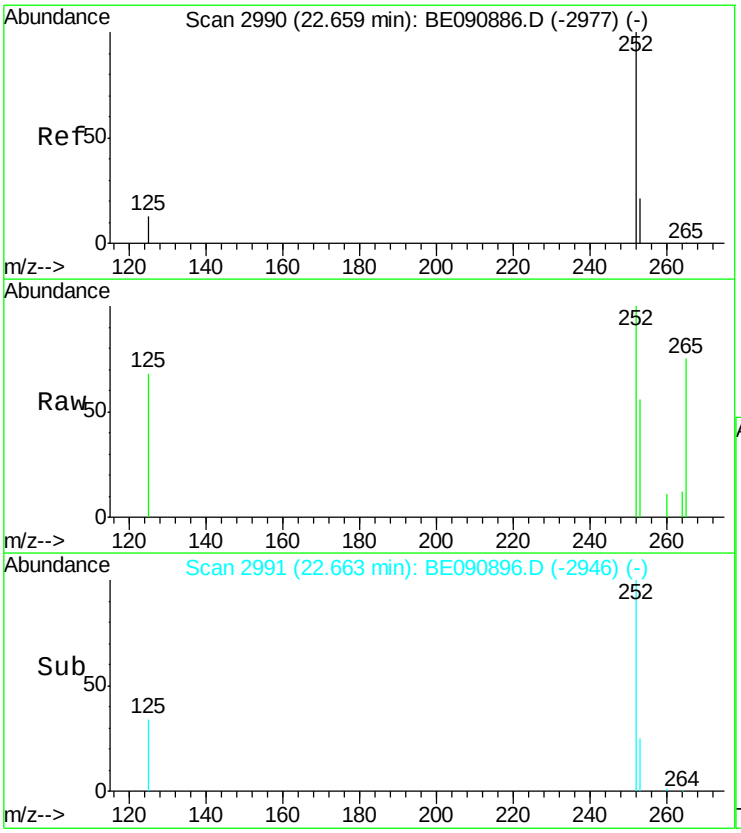
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:264 Resp: 201527

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.0	17.5	26.3

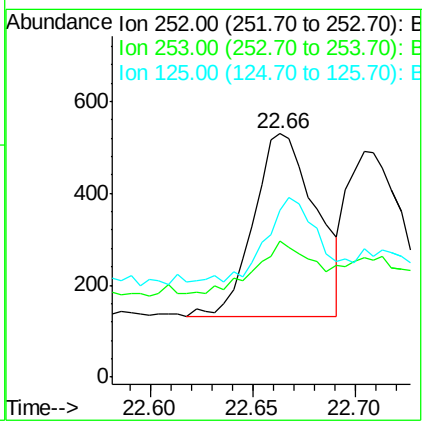


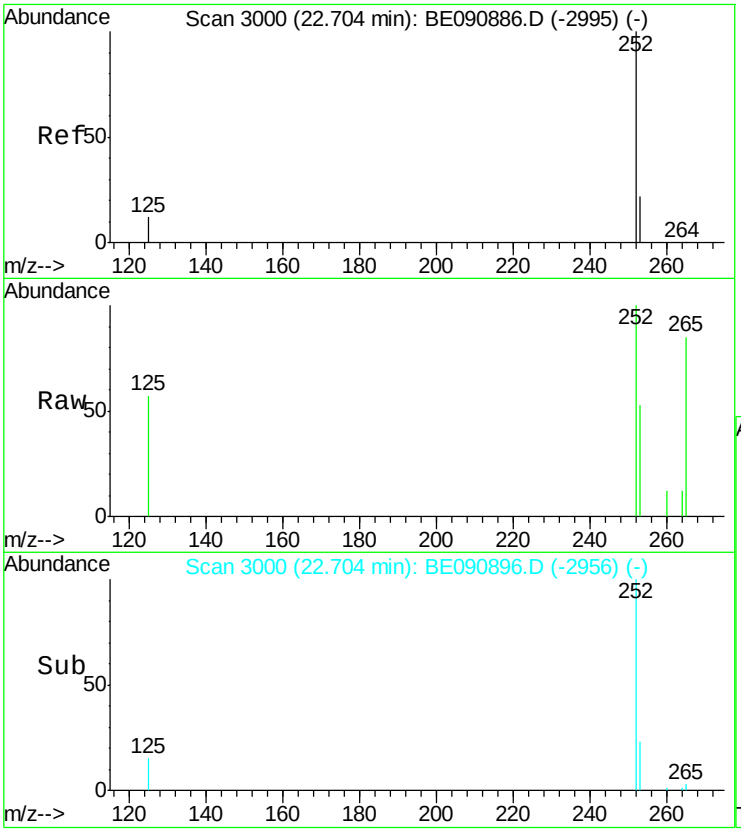


#34
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.66 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:252 Resp: 848

Ion	Ratio	Lower	Upper
252	100		
253	55.8	17.9	26.9#
125	68.5	10.6	16.0#



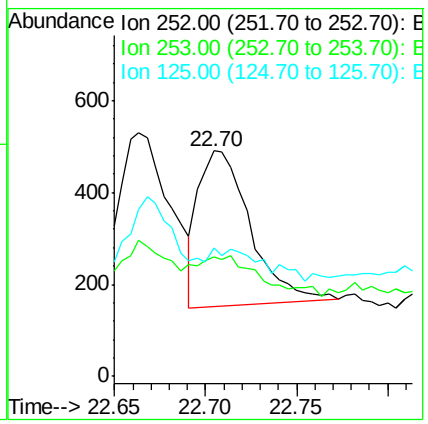


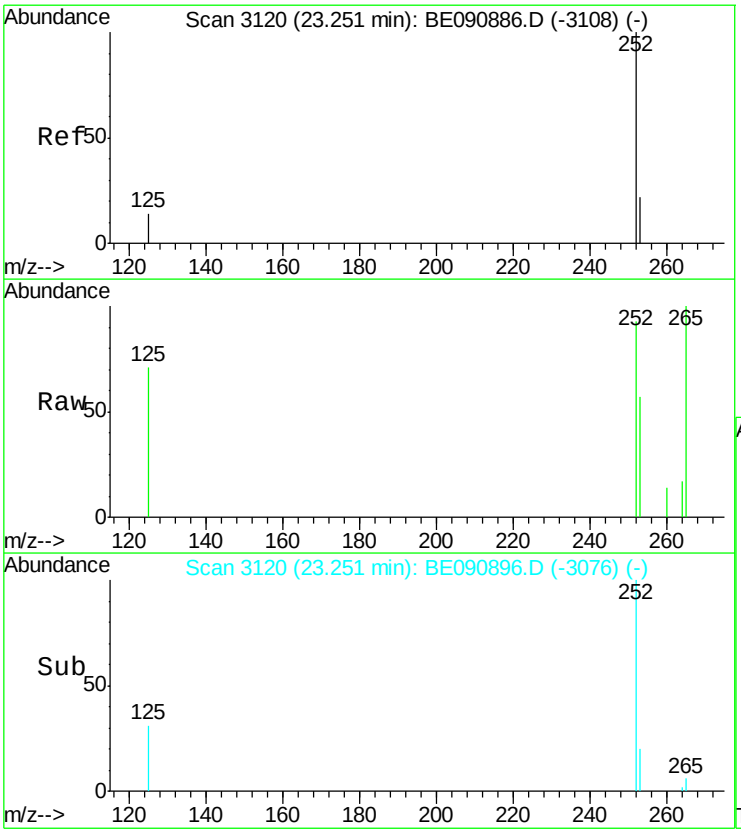
#35
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.70 min Scan# 3000
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:252 Resp: 670

Ion	Ratio	Lower	Upper
252	100		
253	53.3	17.9	26.9#
125	57.1	10.1	15.1#

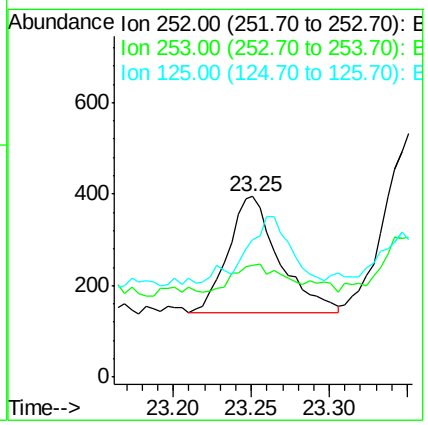


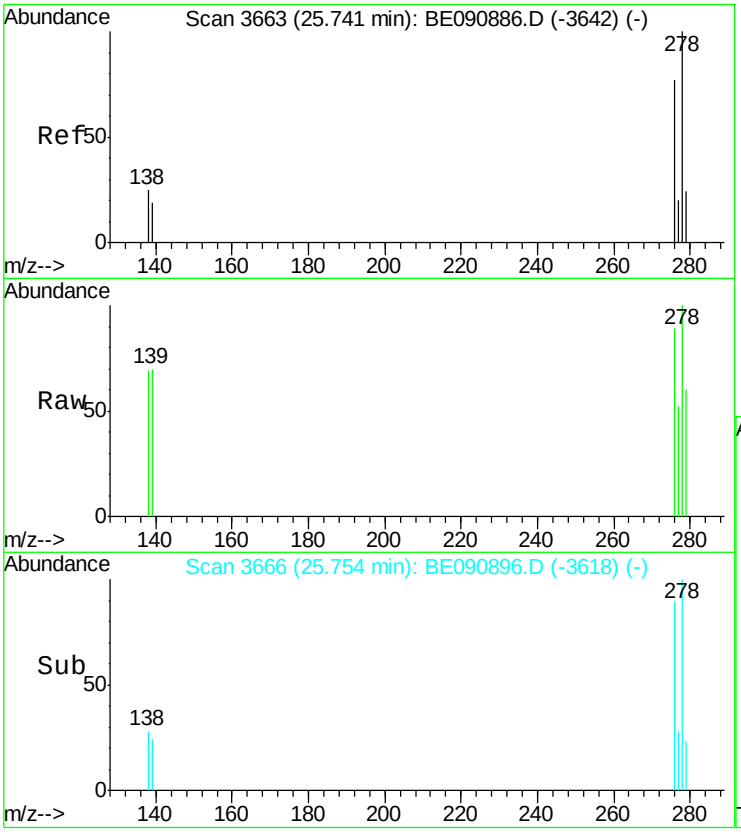


#36
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.25 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:252 Resp: 579

Ion	Ratio	Lower	Upper
252	100		
253	61.7	17.2	25.8#
125	75.9	18.0	27.0#



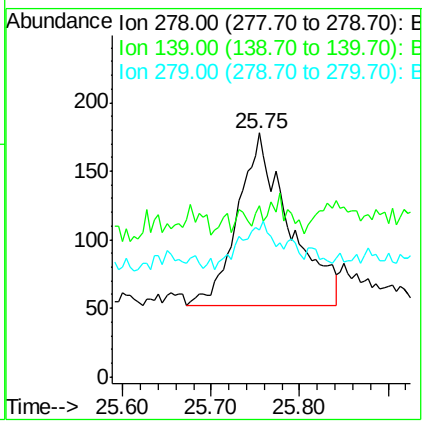


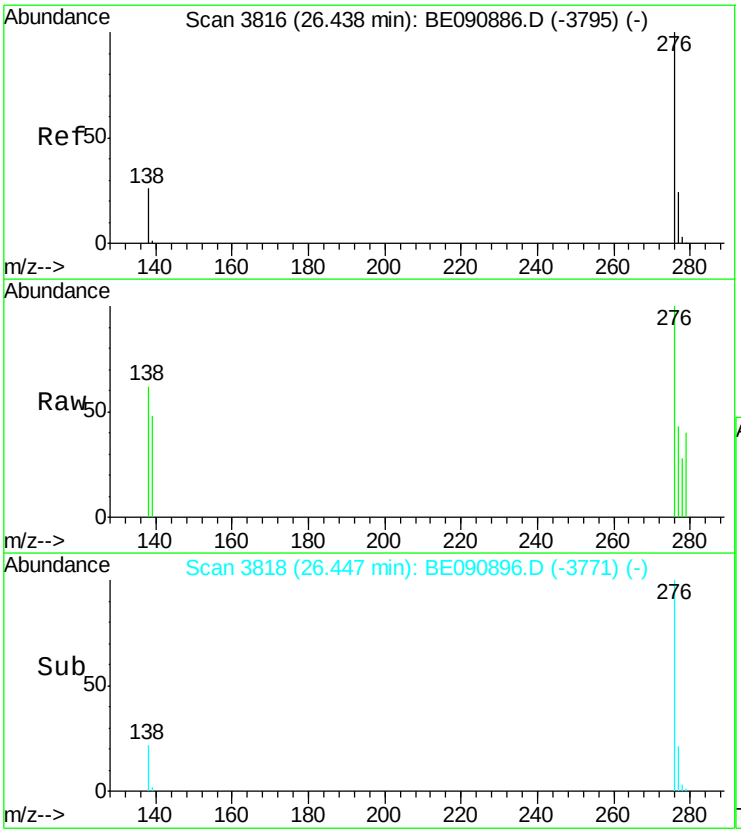
#37
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 25.75 min Scan# 3666
Delta R.T. 0.02 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tgt Ion:278 Resp: 511

Ion	Ratio	Lower	Upper
278	100		
139	70.2	15.4	23.0#
279	60.1	18.8	28.2#





#38
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.45 min Scan# 3818
Delta R.T. 0.01 min
Lab File: BE090896.D
Acq: 19 Sep 2015 5:03

Tgt Ion:276 Resp: 659

Ion	Ratio	Lower	Upper
276	100		
277	43.2	18.5	27.7#
138	61.7	20.1	30.1#