Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090898.D
Acq On : 19 Sep 2015 6:18
Operator : UM/IZ
Sample : G3700-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 19 06:55:22 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	27170	5.00	ng		0.00
7) Naphthalene-d8	10.31	136	115006	5.00	ng		0.00
13) Acenaphthene-d10	14.17	164	60760	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	145708	5.00	ng		0.00
26) Chrysene-d12	21.07	240	204879	5.00	ng		0.00
33) Perylene-d12	23.35	264	201354	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	25438	4.16	ng		0.00
5) Phenol-d6	6.75	99	18962	2.24	ng		0.00
8) Nitrobenzene-d5	8.71	82	32212	4.06	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	16841	7.85	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	70398	4.09	ng		0.00
28) Terphenyl-d14	19.53	244	124750	5.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	106	Below Cal		#	16
3) n-Nitrosodimethylamine	3.48	42	55	Below Cal		#	42
6) bis(2-Chloroethyl)ether	7.02	93	23	Below Cal		#	16
9) Nitrobenzene	8.75	77	14	0.00	ng	#	12
10) Naphthalene	10.35	128	370	Below Cal		#	25
11) Hexachlorobutadiene	10.69	225	4	Below Cal			85
12) 2-Methylnaphthalene	12.00	142	41	0.00	ng	#	75
16) Acenaphthylene	13.89	152	361	0.00	ng	#	73
17) Acenaphthene	14.23	154	76	0.00	ng	#	81
18) Fluorene	15.24	166	151	Below Cal		#	77
20) 4-Bromophenyl-phenylether	16.13	248	42	0.01	ng	#	71
21) Hexachlorobenzene	16.23	284	324	Below Cal		#	42
22) Pentachlorophenol	16.63	266	38	0.19	ng	#	63
23) Phenanthrene	16.94	178	757	Below Cal		#	75
24) Anthracene	17.05	178	315	0.01	ng	#	72
25) Fluoranthene	18.96	202	736	0.02	ng		97
27) Pyrene	19.32	202	826	0.02	ng	#	93
29) Benzo(a)anthracene	21.06	228	1381	0.03	ng	#	91
30) Chrysene	21.10	228	1142	Below Cal		#	84
31) Bis(2-ethylhexyl)phthalate	20.99	149	849	0.21	ng	#	97
32) Indeno(1,2,3-cd)pyrene	25.74	276	528	0.01	ng	#	70
34) Benzo(b)fluoranthene	22.66	252	786	0.02	ng	#	26
35) Benzo(k)fluoranthene	22.71	252	772	0.01	ng	#	33
36) Benzo(a)pyrene	23.25	252	554	0.01	ng	#	10
37) Dibenzo(a,h)anthracene	25.76	278	389	0.01	ng	#	1
38) Benzo(g,h,i)perylene	26.45	276	507	0.01	ng	#	32

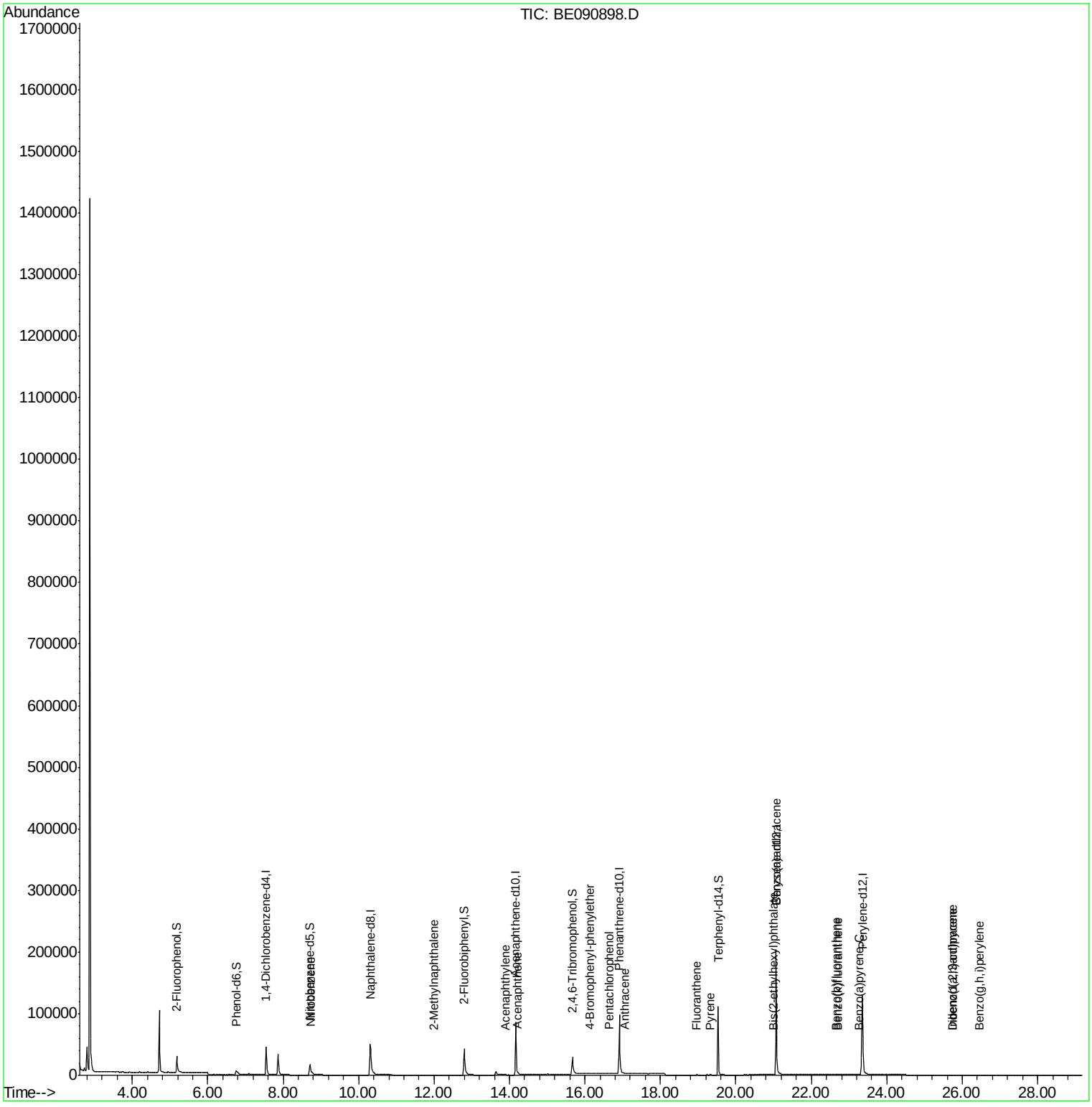
(#) = qualifier out of range (m) = manual integration (+) = signals summed

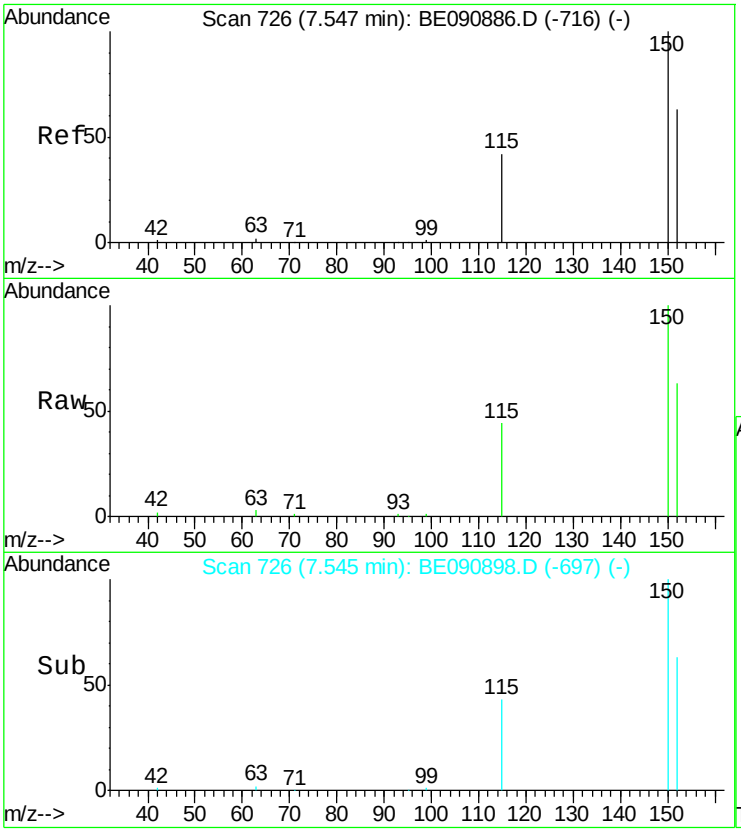
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090898.D
Acq On : 19 Sep 2015 6:18
Operator : UM/IZ
Sample : G3700-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 19 06:55:22 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



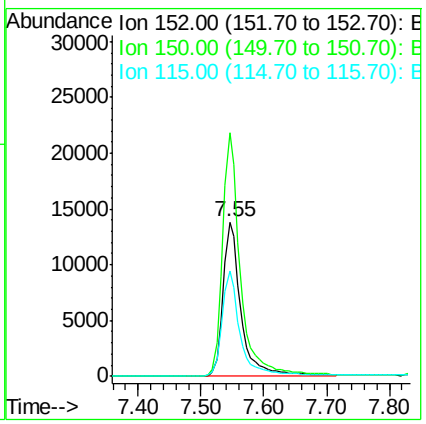


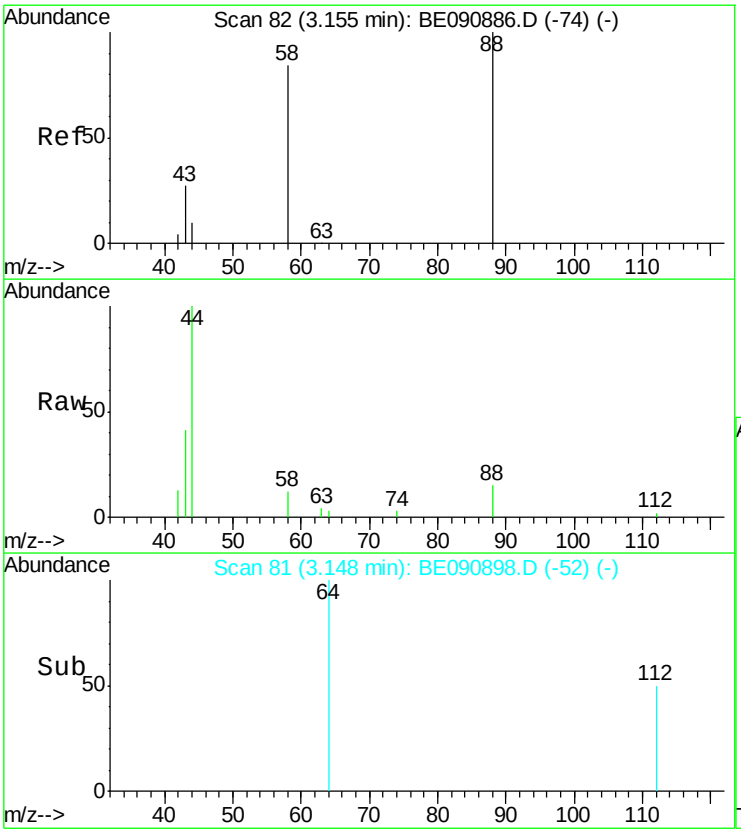
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:152 Resp: 27170

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.2	183.4
115	68.6	51.0	76.4

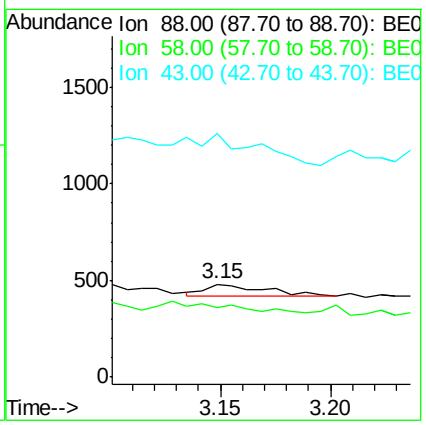


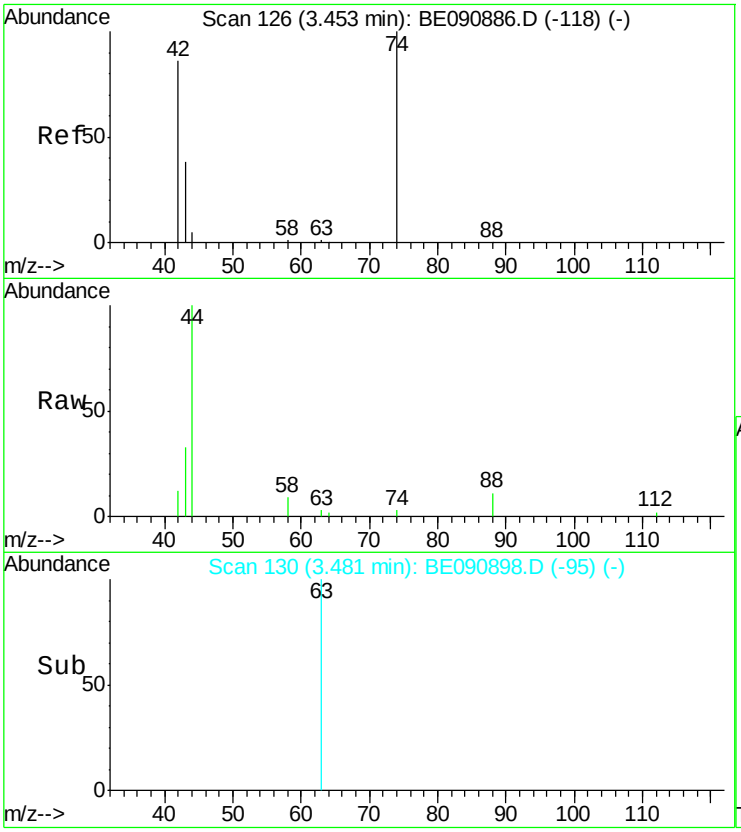


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 81
Delta R.T. -0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion: 88 Resp: 106

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



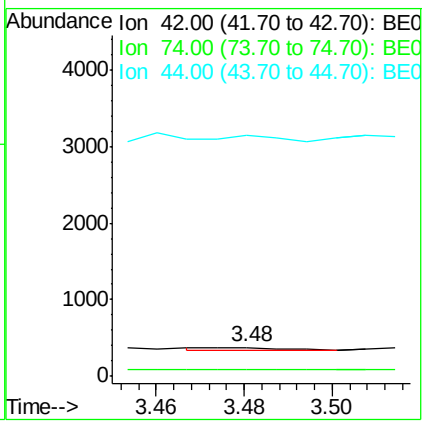


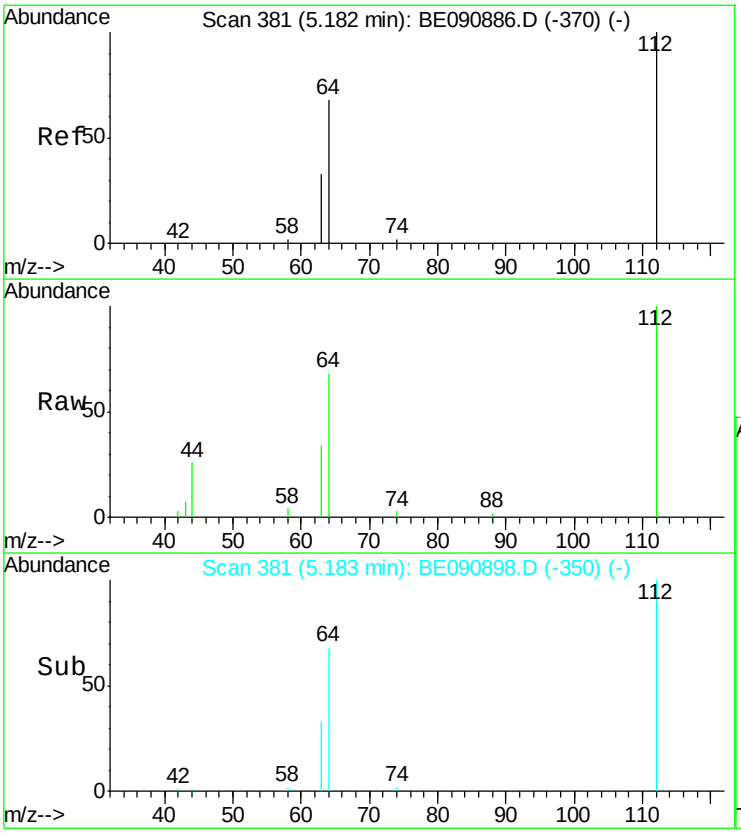
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.48 min Scan# 130
Delta R.T. 0.03 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion: 42 Resp: 55

Ion	Ratio	Lower	Upper
42	100		
74	41.8	83.7	125.5#
44	0.0	10.0	15.0#

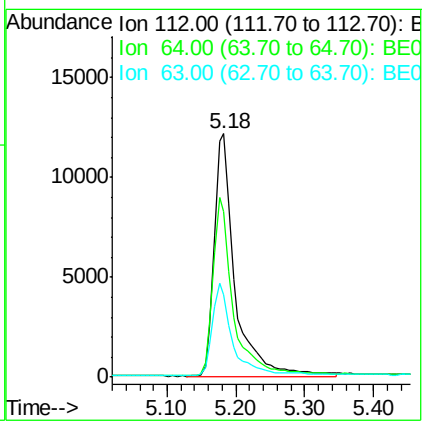


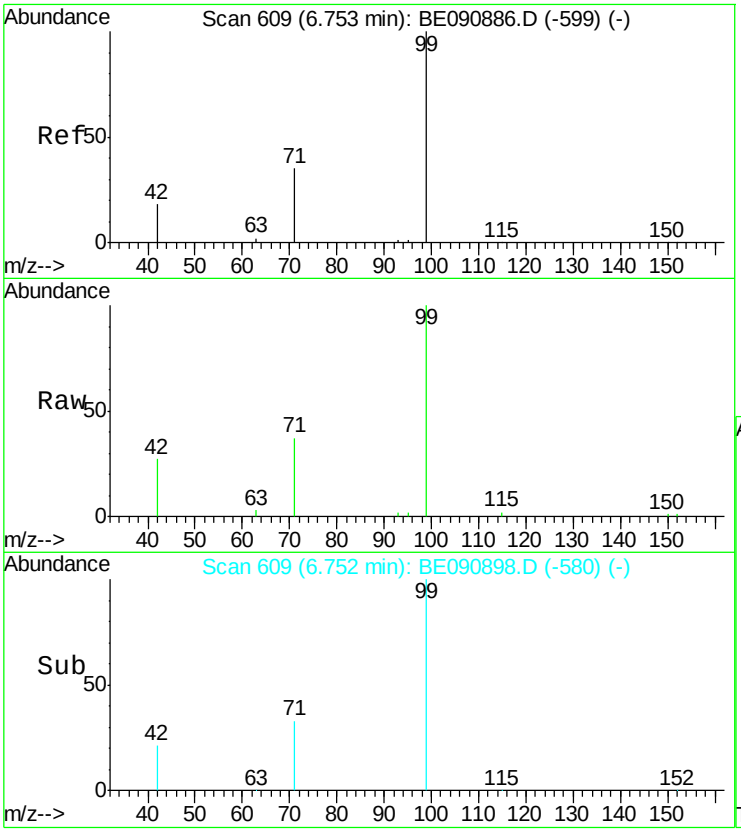


#4
2-Fluorophenol
Concen: 4.16 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:112 Resp: 25438

Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.3	85.9
63	36.7	29.2	43.8



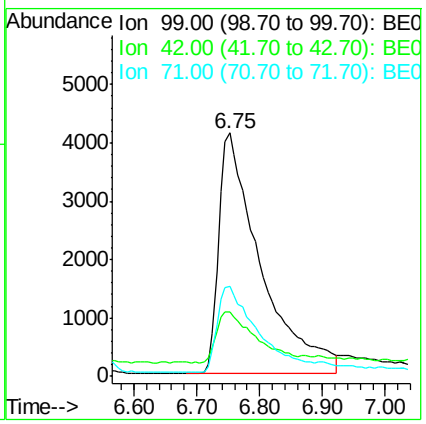


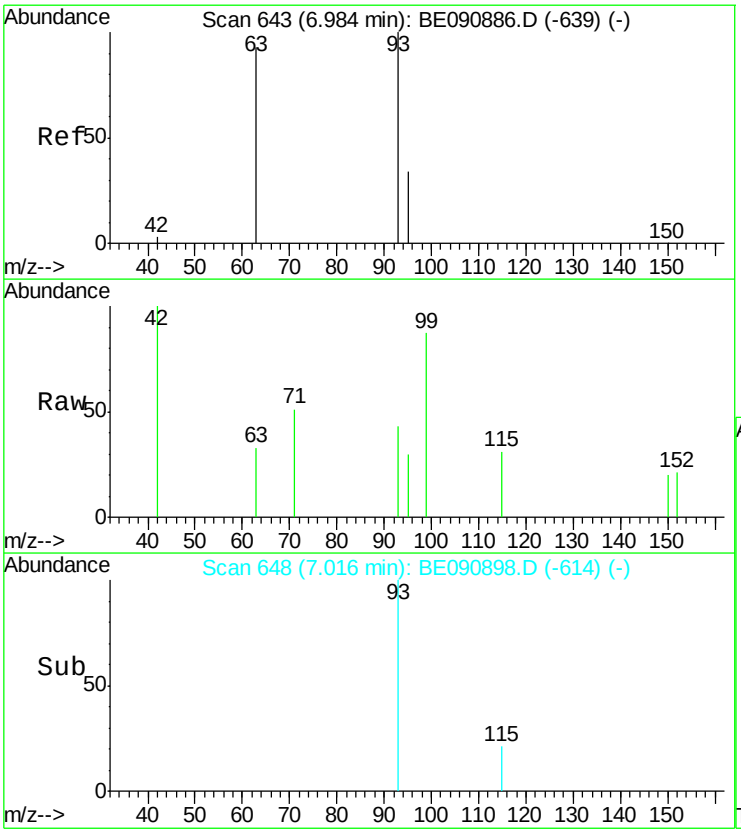
#5
Phenol-d6
Concen: 2.24 ng
RT: 6.75 min Scan# 609
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion: 99 Resp: 18962

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.8	25.2
71	35.6	28.3	42.5

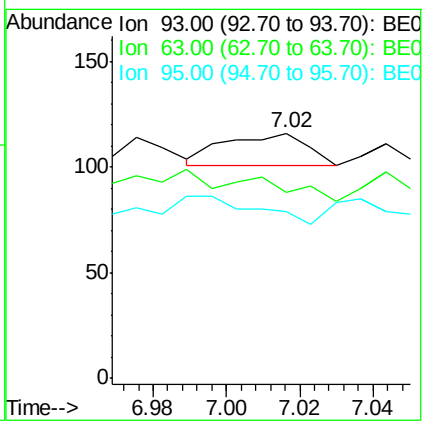


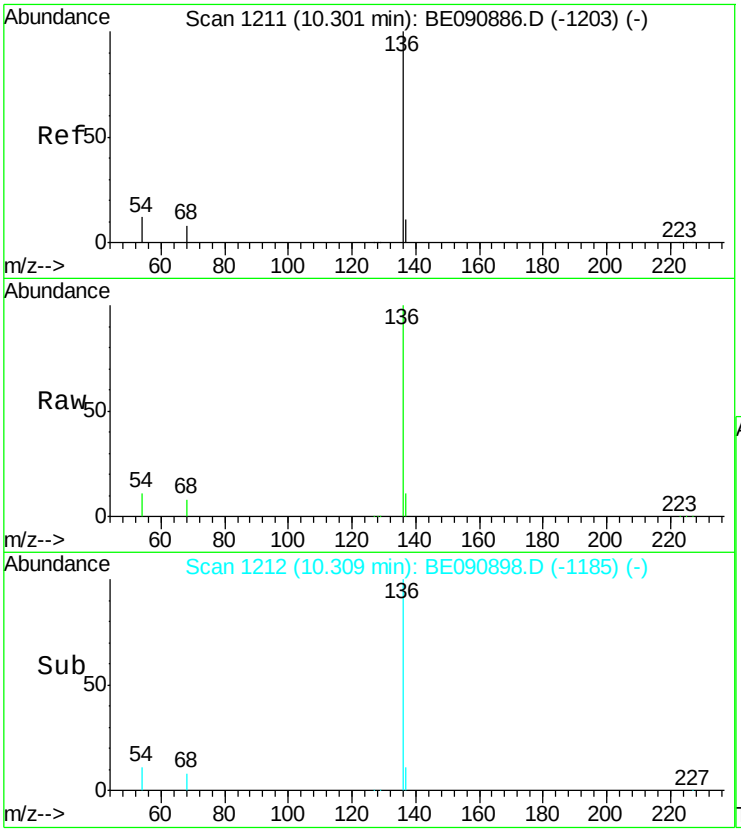


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.02 min Scan# 648
Delta R.T. 0.03 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion: 93 Resp: 23

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



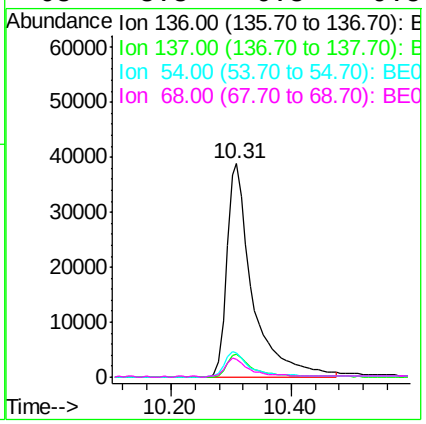


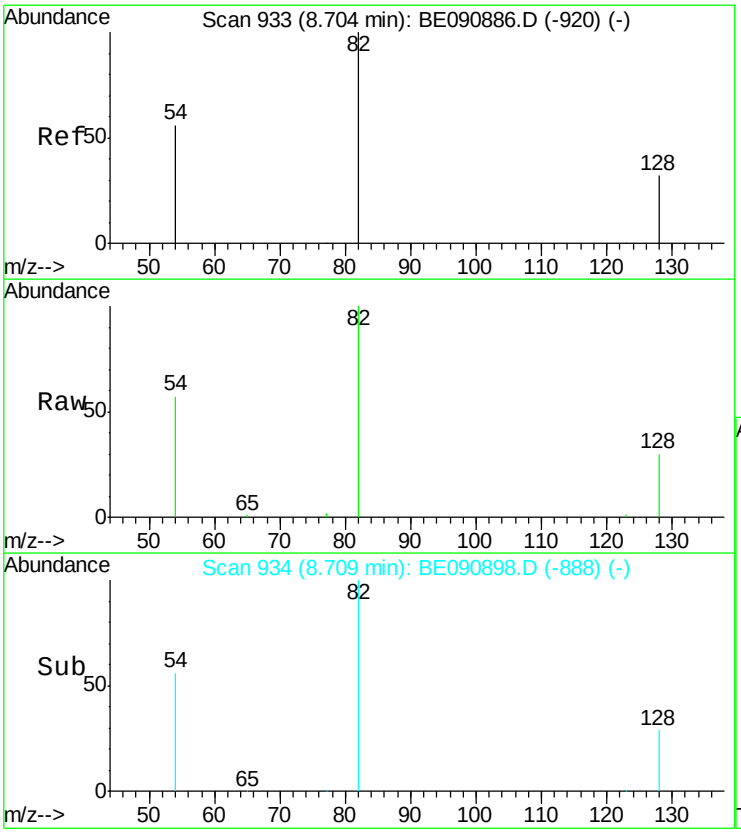
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:136 Resp: 115006

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.4	9.0	13.6
68	8.3	6.3	9.5

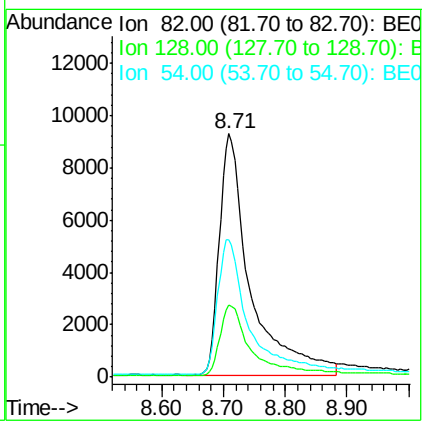


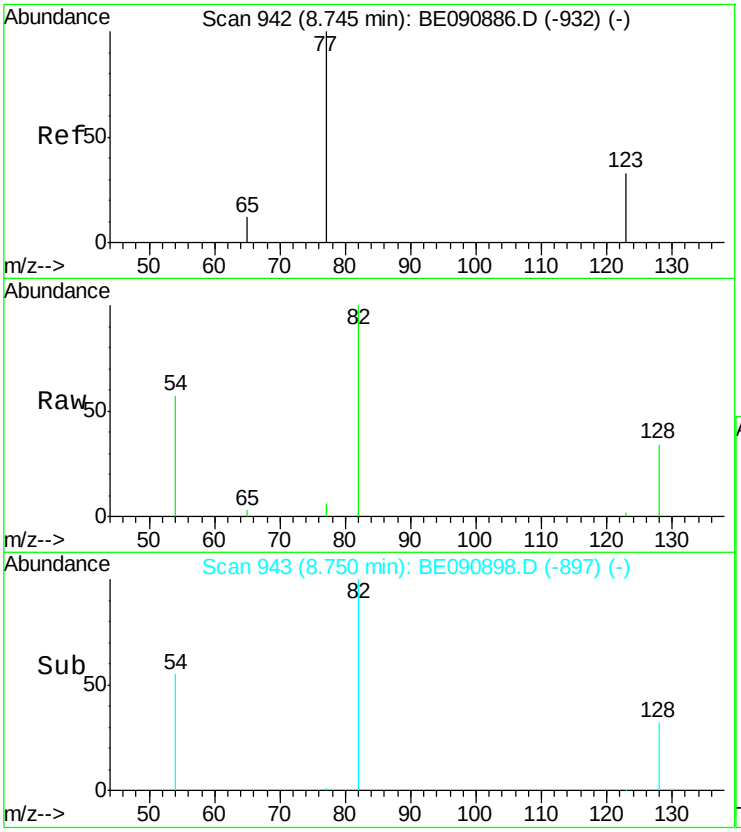


#8
Nitrobenzene-d5
Concen: 4.06 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion: 82 Resp: 32212

Ion	Ratio	Lower	Upper
82	100		
128	29.6	25.0	37.4
54	56.6	46.3	69.5



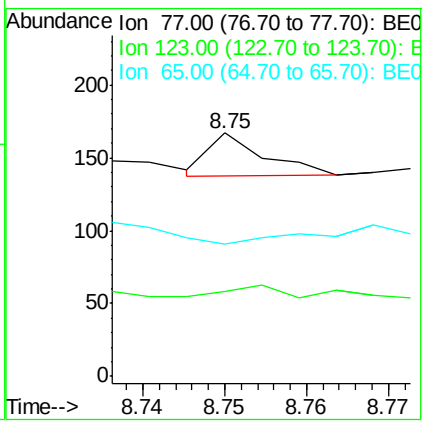


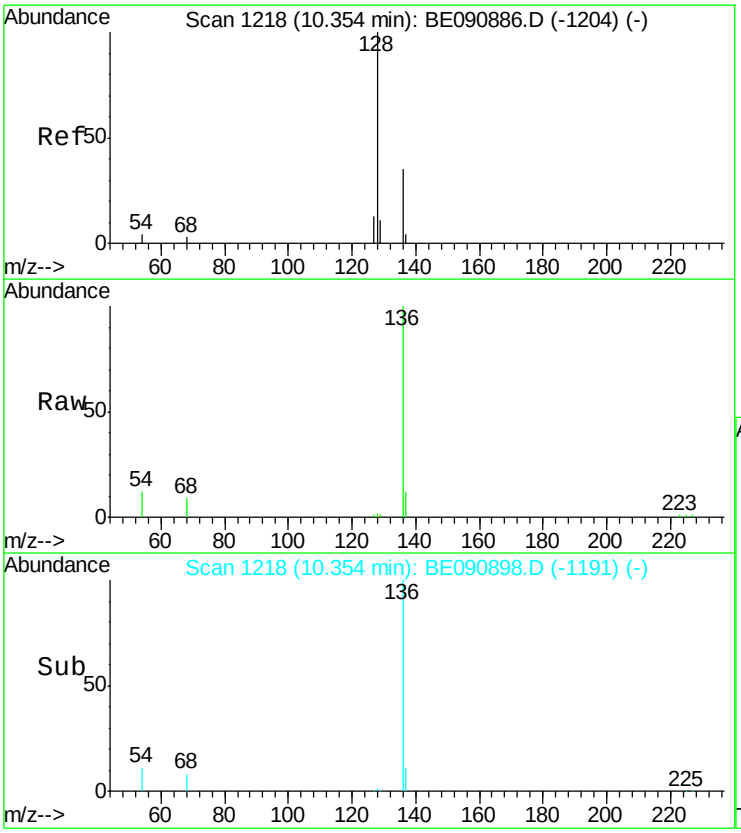
#9
Nitrobenzene
Concen: 0.00 ng
RT: 8.75 min Scan# 943
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion: 77 Resp: 14

Ion	Ratio	Lower	Upper
77	100		
123	42.9	25.1	37.7#
65	114.3	9.9	14.9#

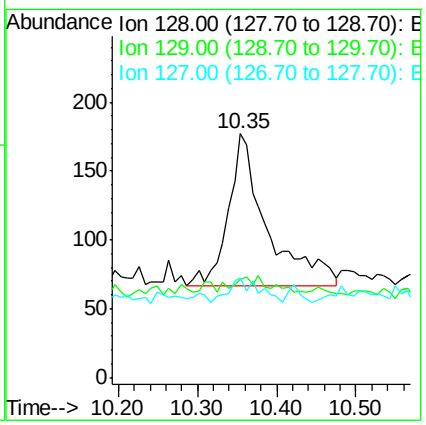


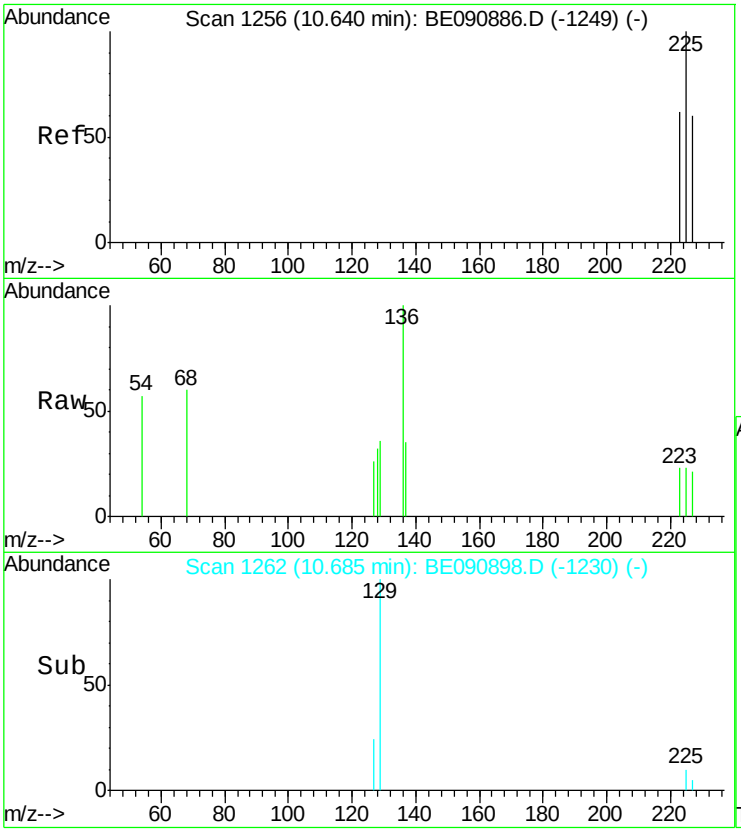


#10
Naphthalene
Concen: Below Cal
RT: 10.35 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:128 Resp: 370

Ion	Ratio	Lower	Upper
128	100		
129	40.1	8.4	12.6#
127	40.7	9.9	14.9#



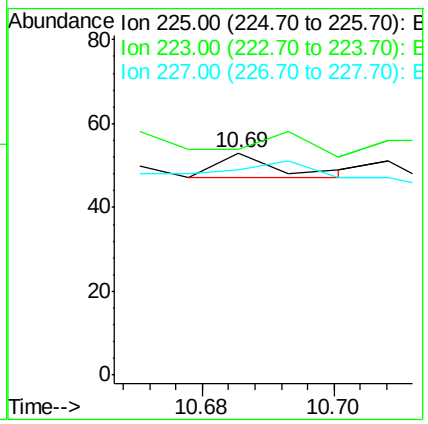


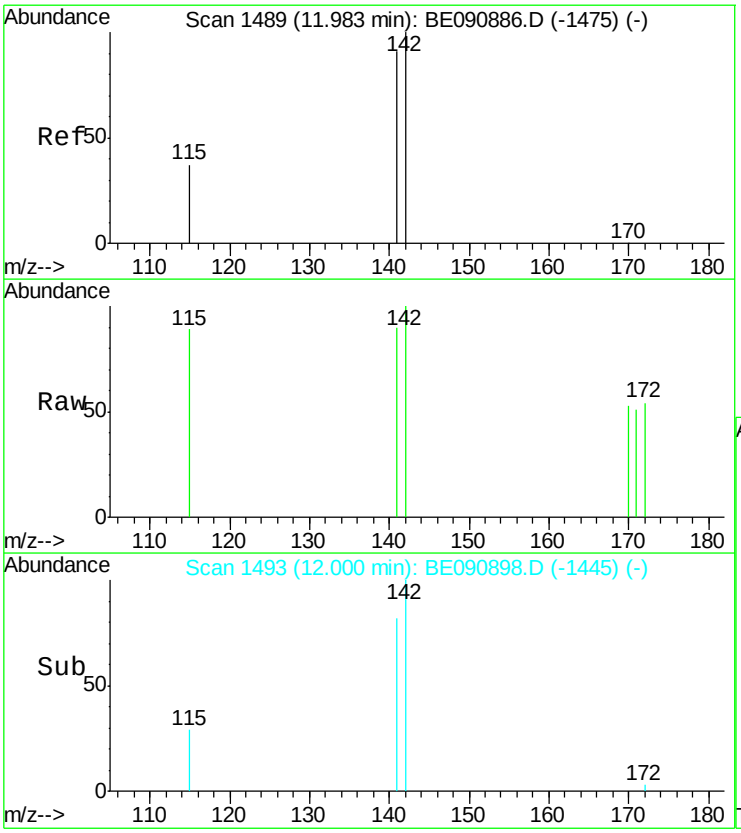
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.69 min Scan# 1262
Delta R.T. 0.04 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:225 Resp: 4

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

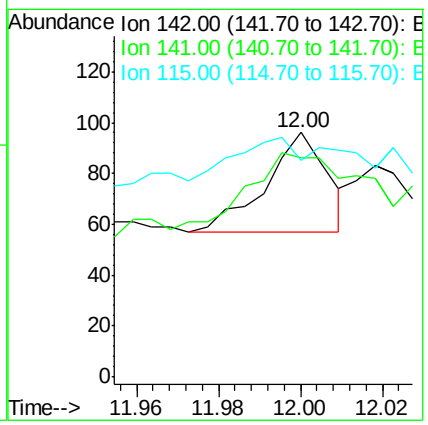


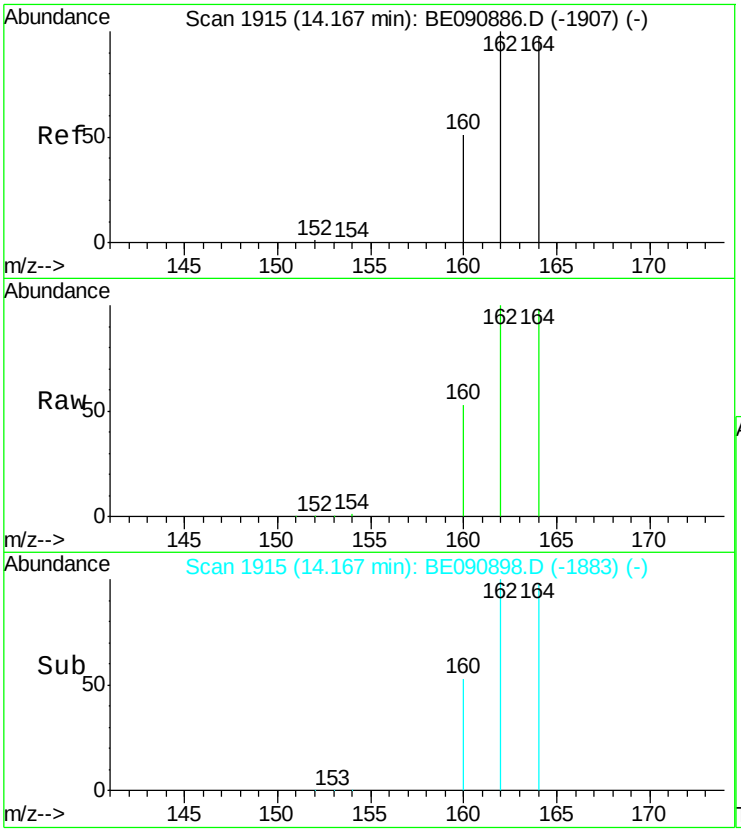


#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:142 Resp: 41

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	88.5	31.0	46.4#



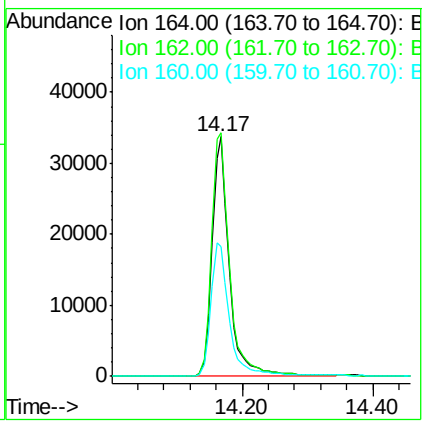


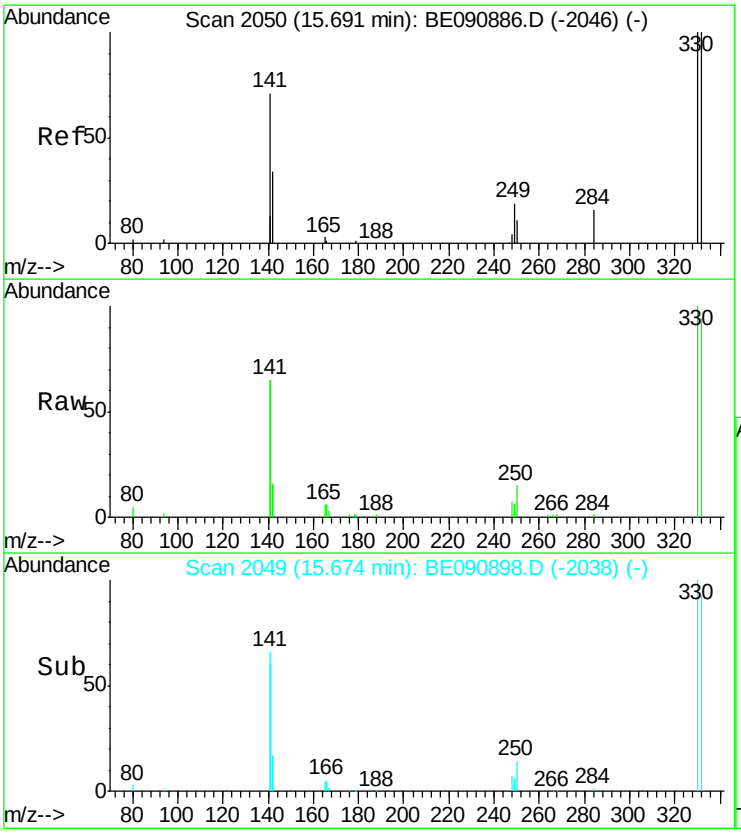
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:164 Resp: 60760

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.8	130.2
160	54.0	53.9	80.9

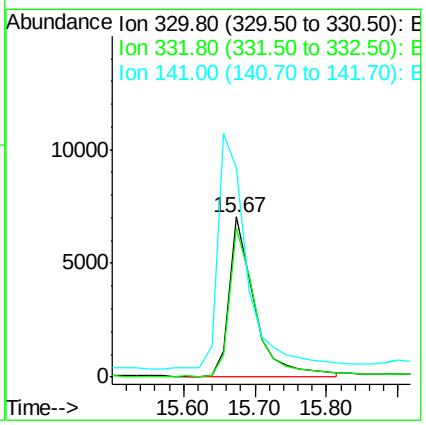


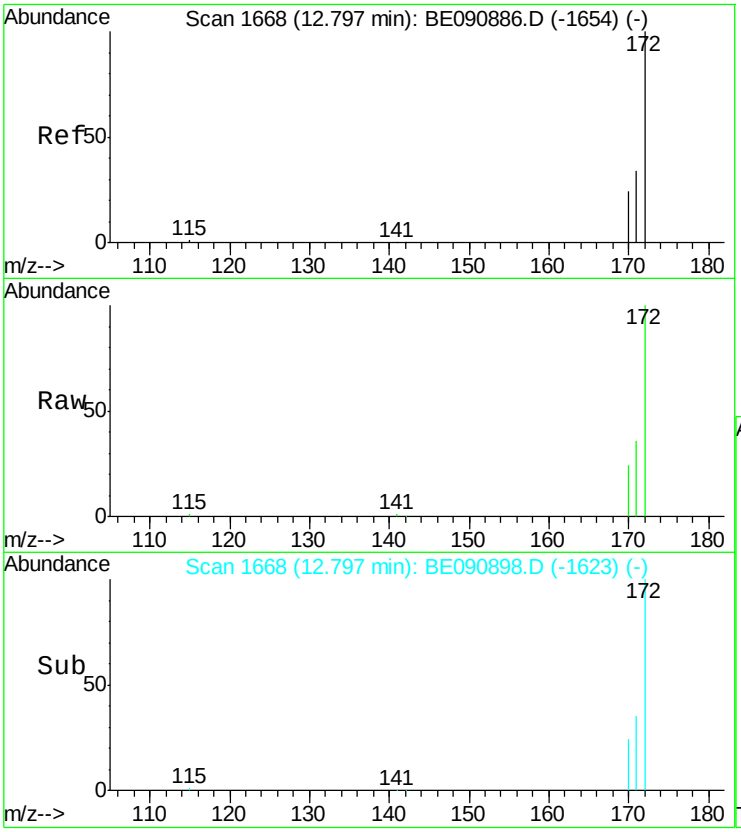


#14
2,4,6-Tribromophenol
Concen: 7.85 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:330 Resp: 16841

Ion	Ratio	Lower	Upper
330	100		
332	96.2	74.9	112.3
141	173.7	145.2	217.8



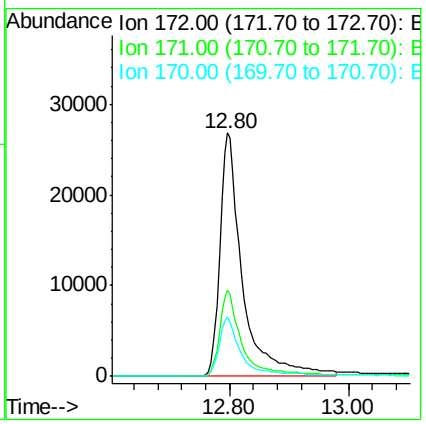


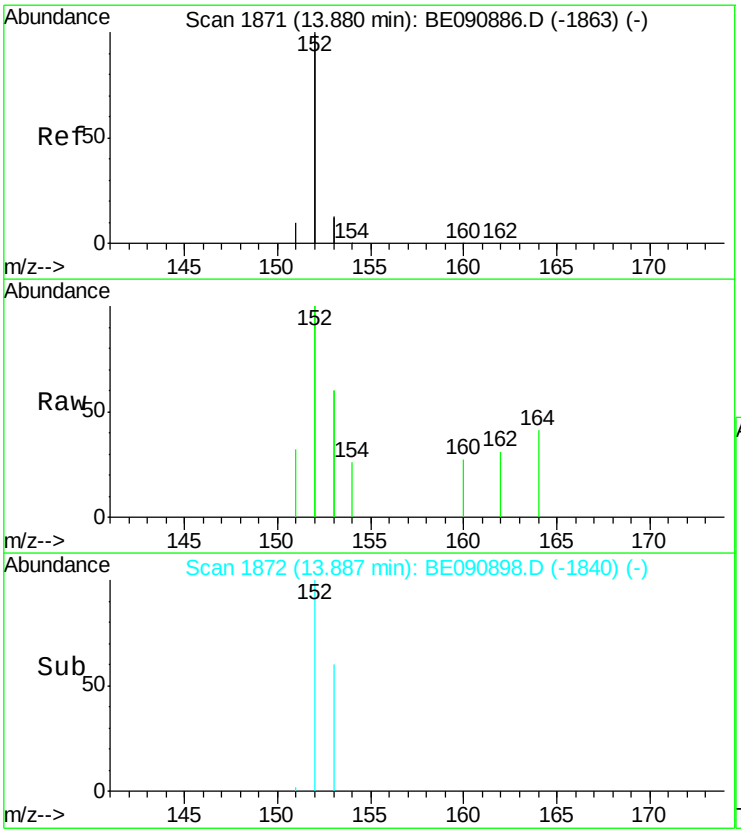
#15
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 12.80 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:172 Resp: 70398

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.8
170	24.3	19.8	29.6

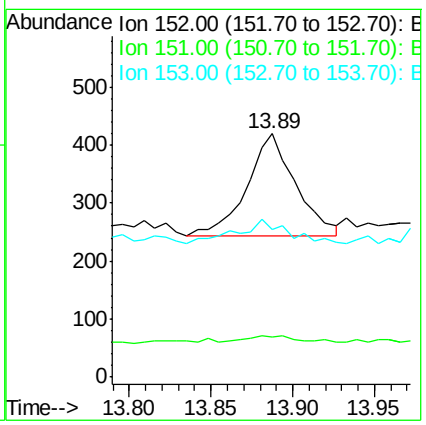


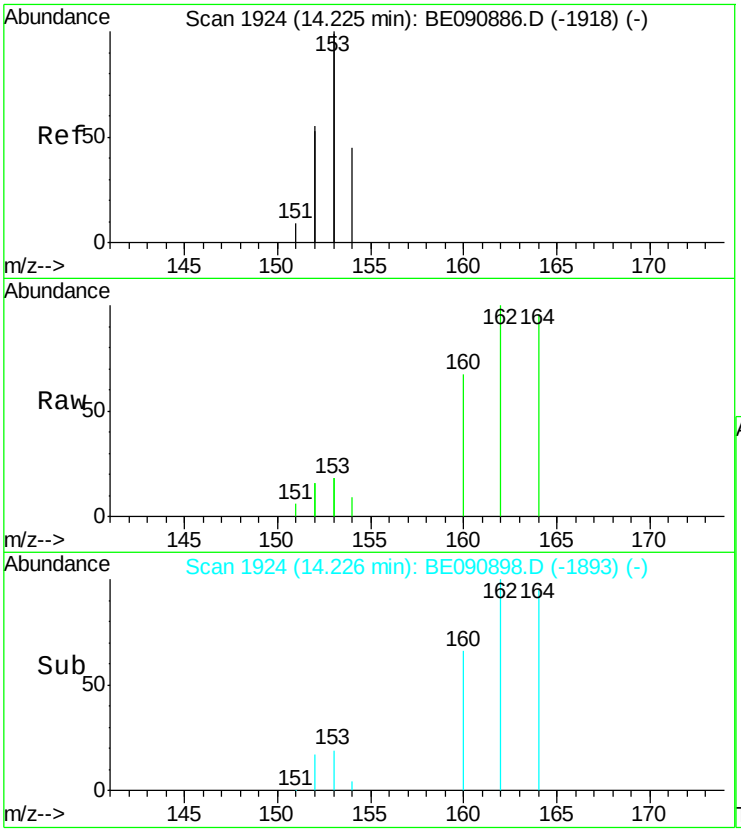


#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:152 Resp: 361

Ion	Ratio	Lower	Upper
152	100		
151	6.9	3.9	5.9#
153	26.6	10.3	15.5#



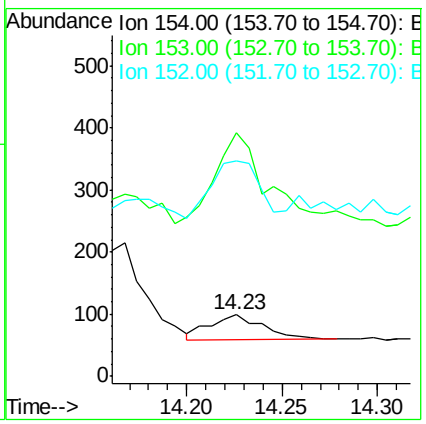


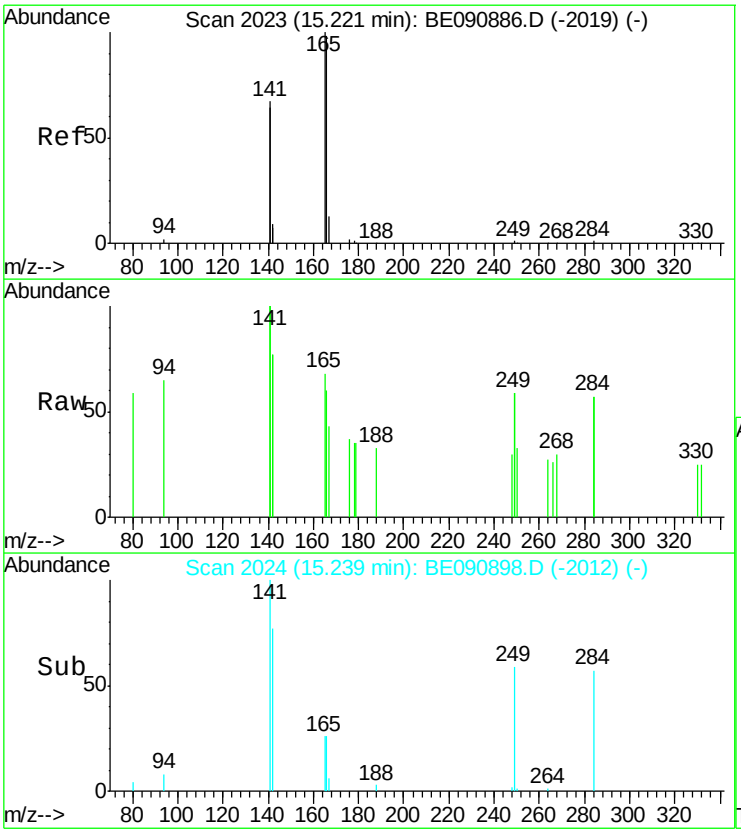
#17
Acenaphthene
Concen: 0.00 ng
RT: 14.23 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:154 Resp: 76

Ion	Ratio	Lower	Upper
154	100		
153	426.3	354.5	531.7
152	214.5	227.8	341.6#

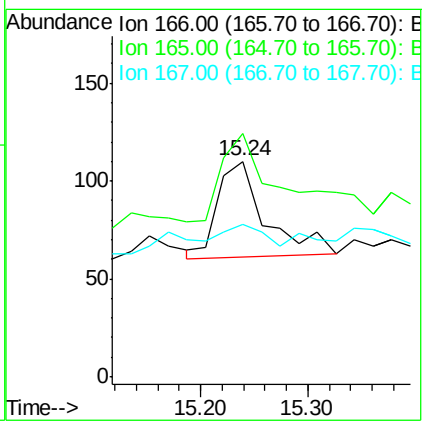


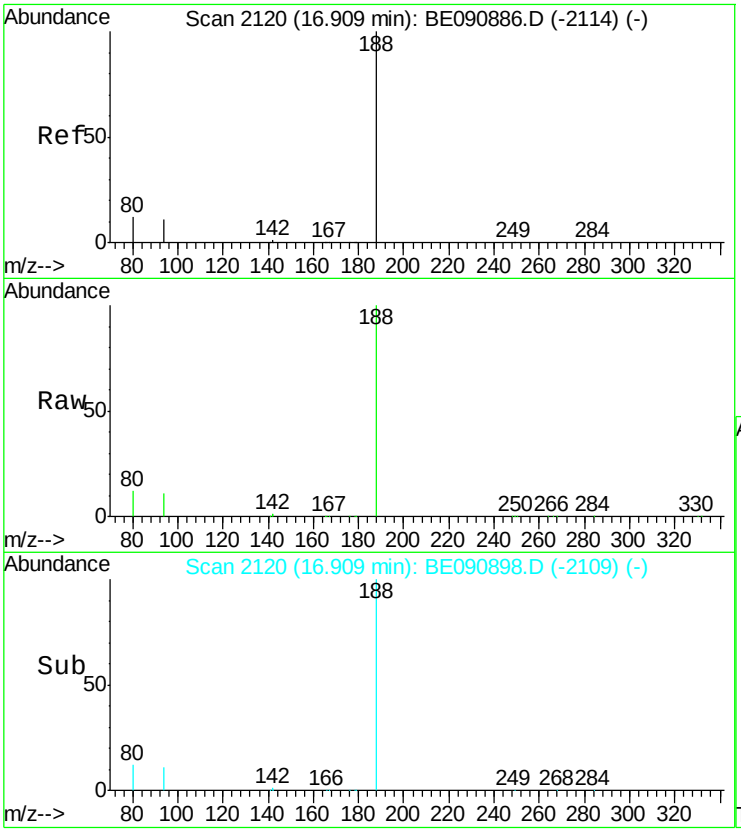


#18
Fluorene
Concen: Below Cal
RT: 15.24 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:166 Resp: 151

Ion	Ratio	Lower	Upper
166	100		
165	128.5	82.7	124.1#
167	17.2	10.7	16.1#



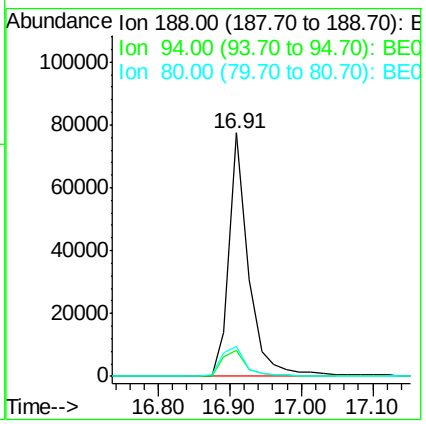


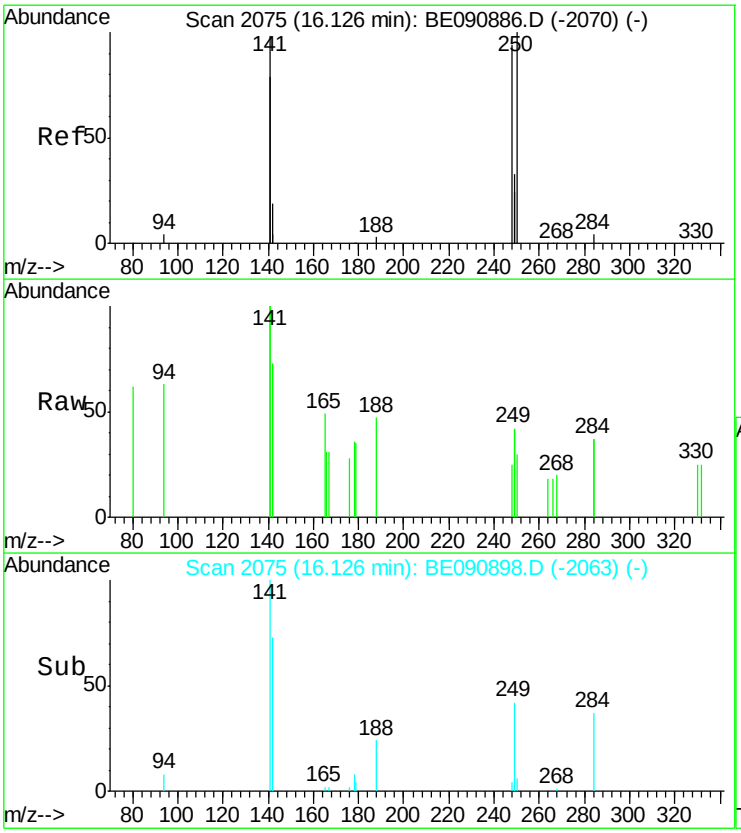
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:188 Resp: 145708

Ion	Ratio	Lower	Upper
188	100		
94	10.9	10.3	15.5
80	12.1	11.0	16.6

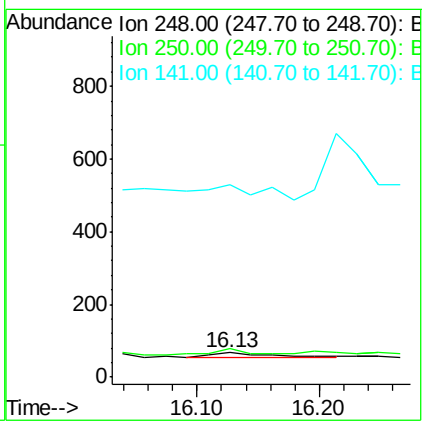


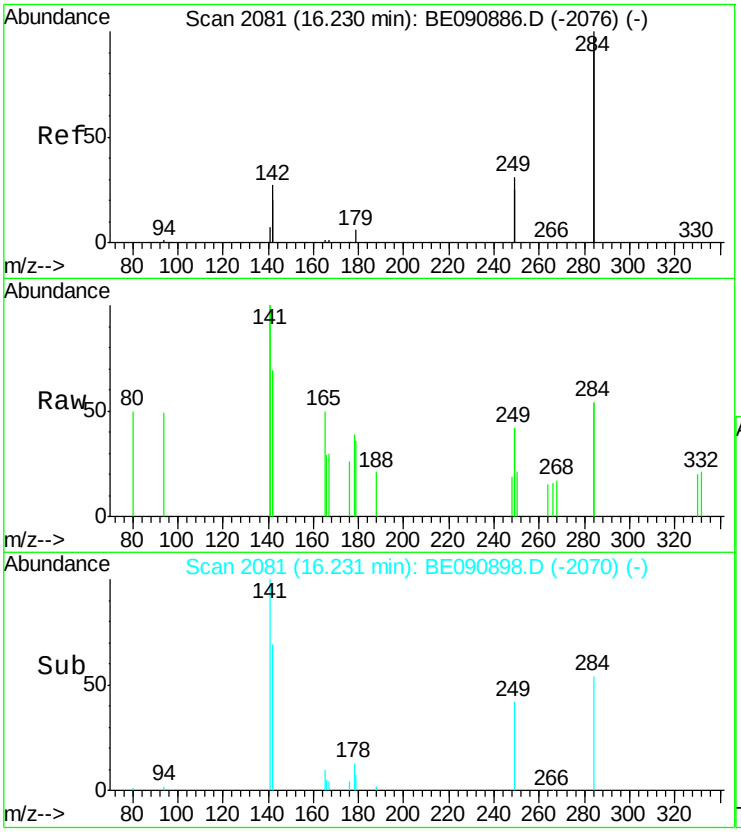


#20
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.13 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:248 Resp: 42

Ion	Ratio	Lower	Upper
248	100		
250	116.7	76.7	115.1#
141	297.6	292.6	439.0



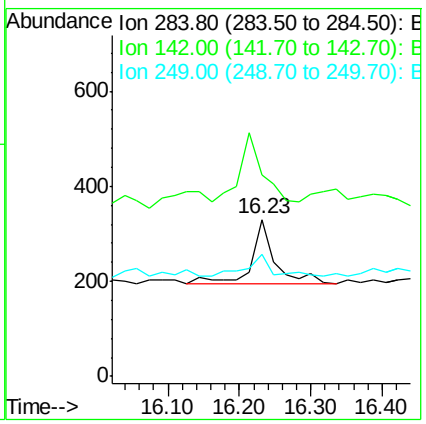


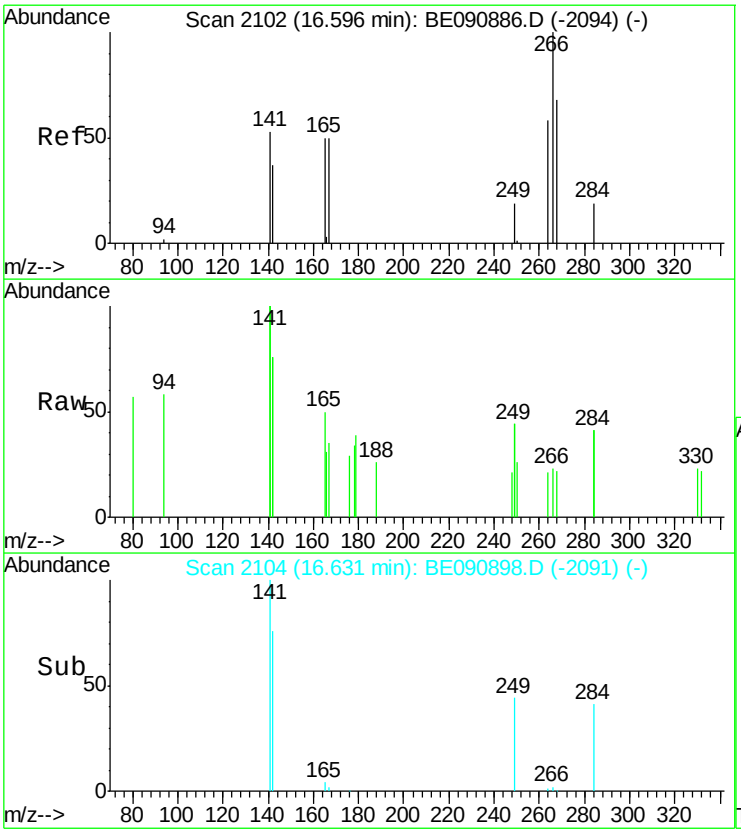
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:284 Resp: 324

Ion	Ratio	Lower	Upper
284	100		
142	104.6	35.0	52.4#
249	36.1	25.5	38.3

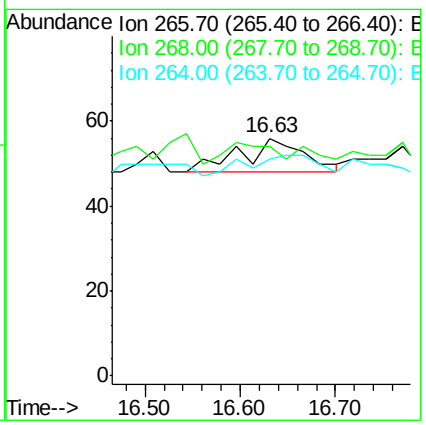


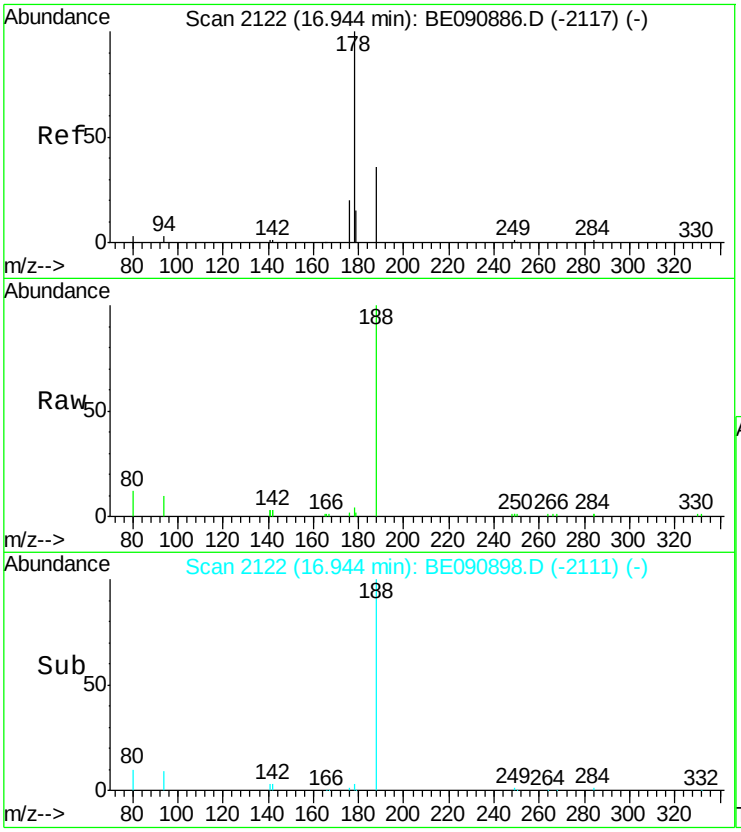


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.63 min Scan# 2104
Delta R.T. 0.03 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:266 Resp: 38

Ion	Ratio	Lower	Upper
266	100		
268	96.4	49.6	74.4#
264	91.1	53.9	80.9#



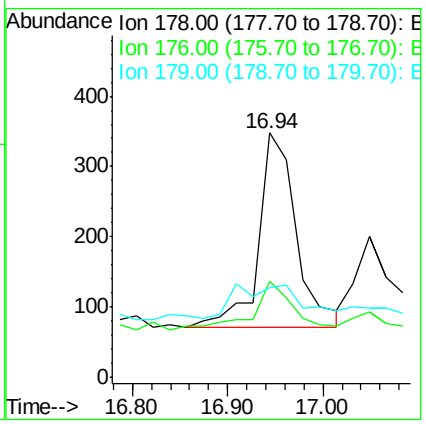


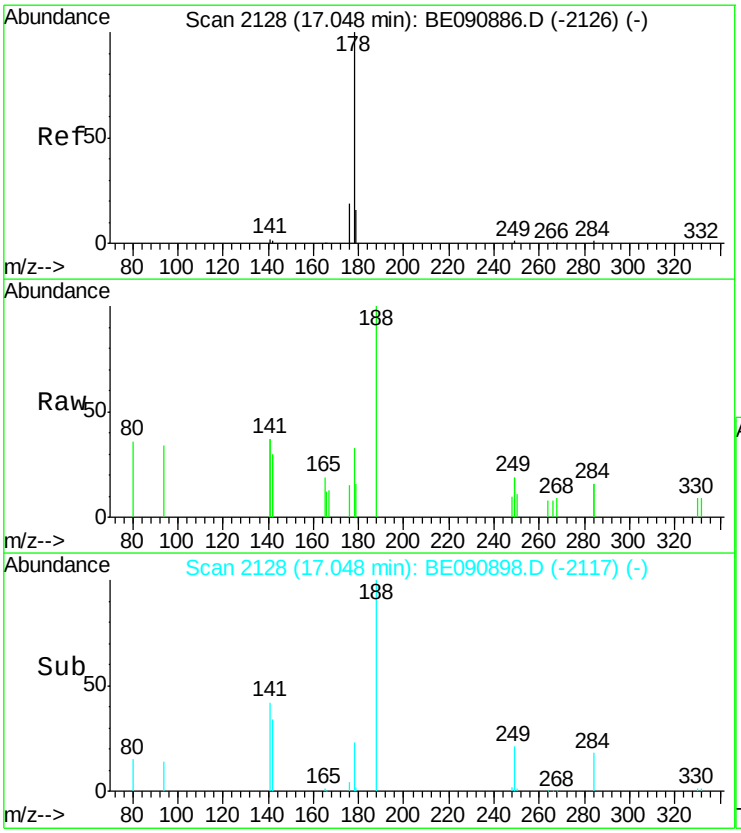
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:178 Resp: 757

Ion	Ratio	Lower	Upper
178	100		
176	26.3	15.6	23.4#
179	0.0	12.8	19.2#

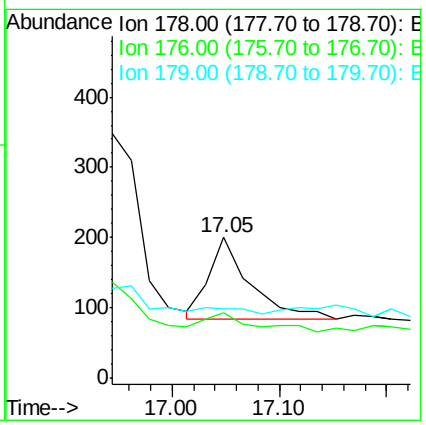


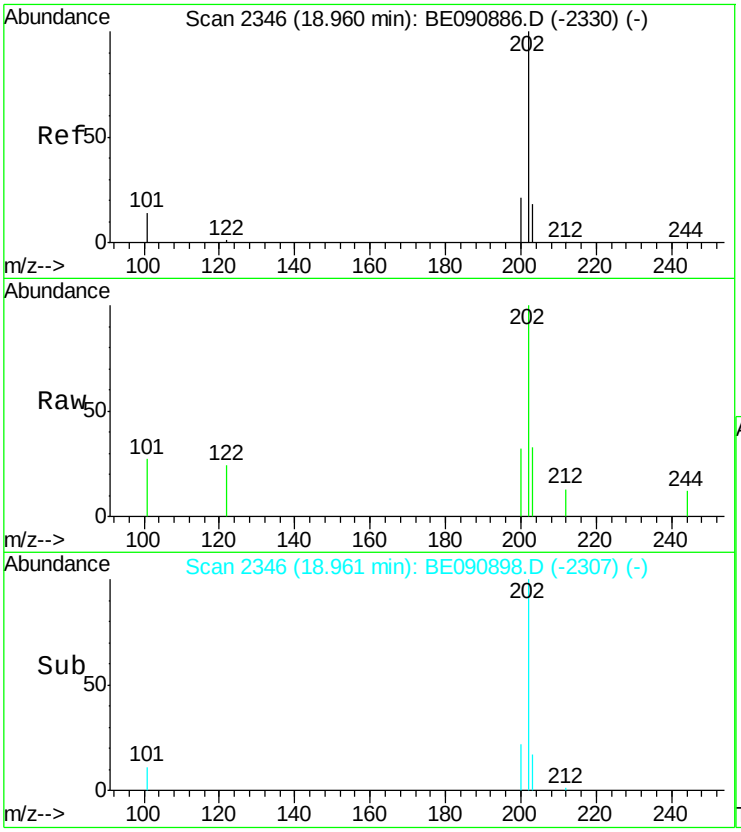


#24
Anthracene
Concen: 0.01 ng
RT: 17.05 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:178 Resp: 315

Ion	Ratio	Lower	Upper
178	100		
176	28.3	15.0	22.6#
179	0.0	12.3	18.5#



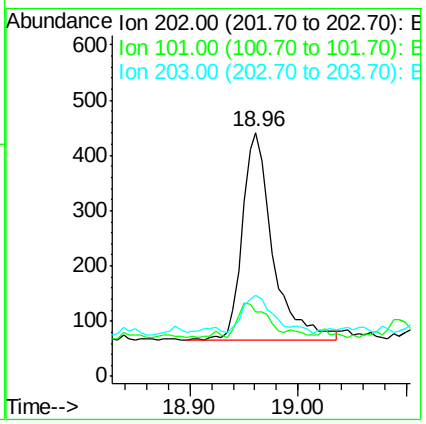


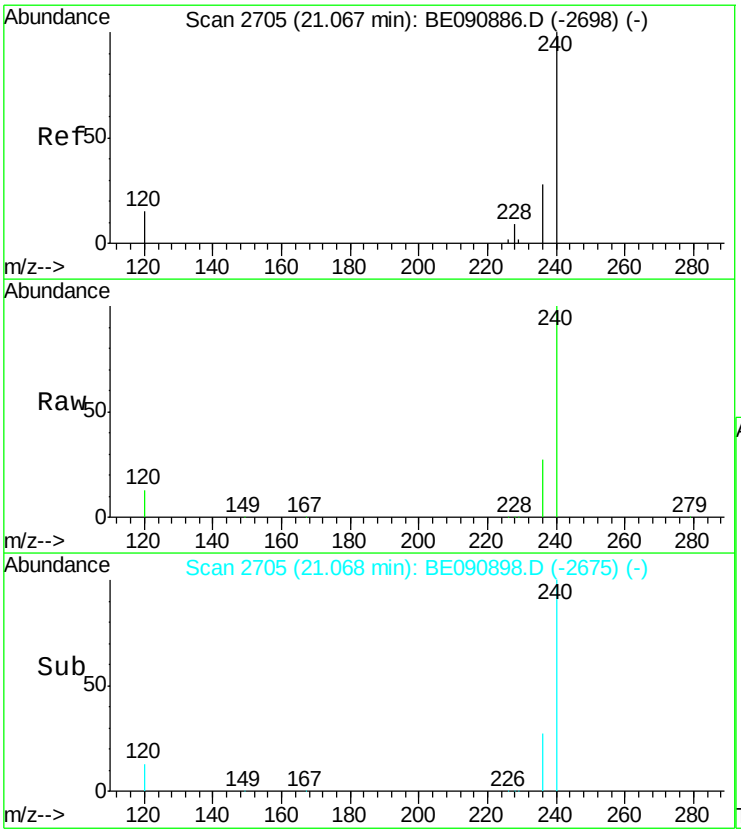
#25
Fluoranthene
Concen: 0.02 ng
RT: 18.96 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:202 Resp: 736

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.0	16.6
203	18.9	13.9	20.9

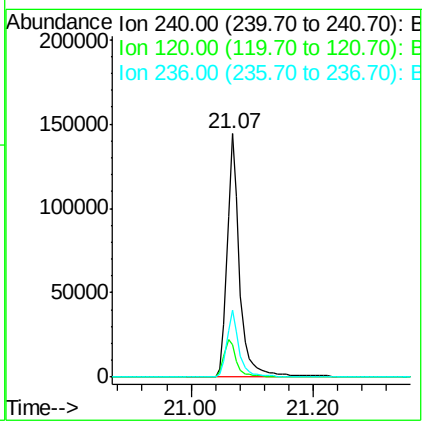


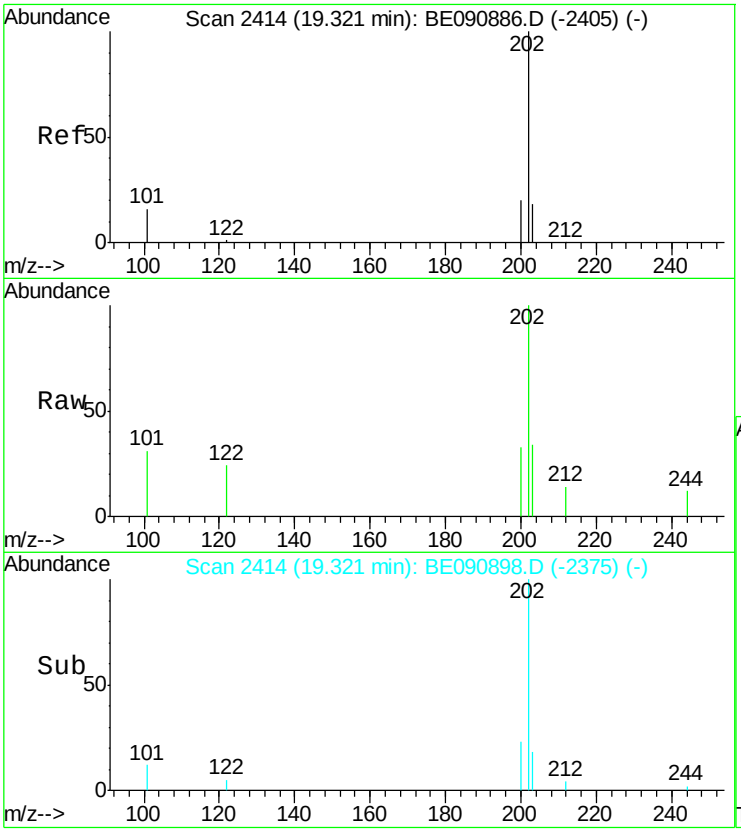


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:240 Resp: 204879

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.1	15.1
236	27.3	21.9	32.9



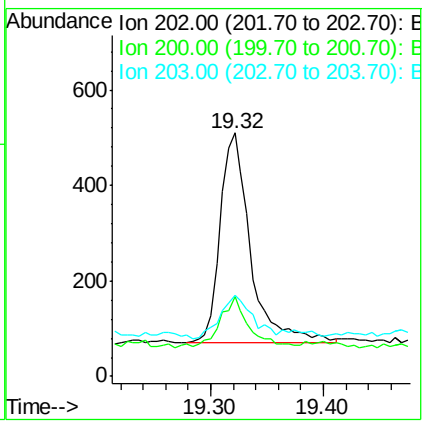


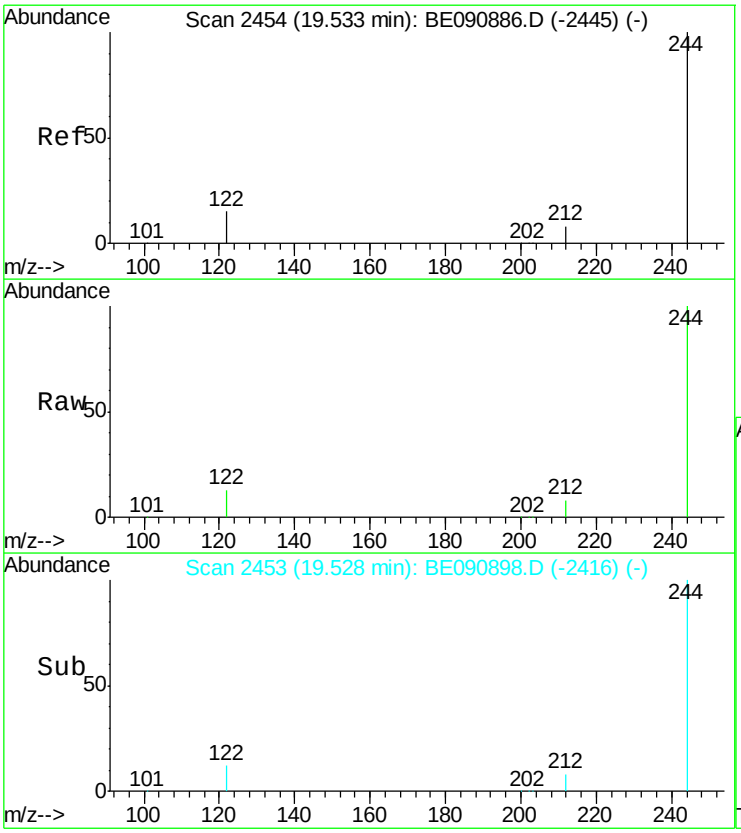
#27
Pyrene
Concen: 0.02 ng
RT: 19.32 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:202 Resp: 826

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.7	25.1
203	21.9	13.8	20.6#

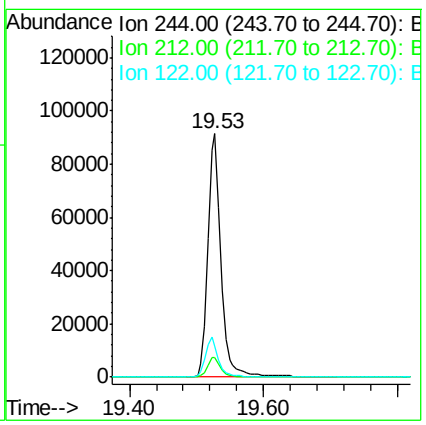


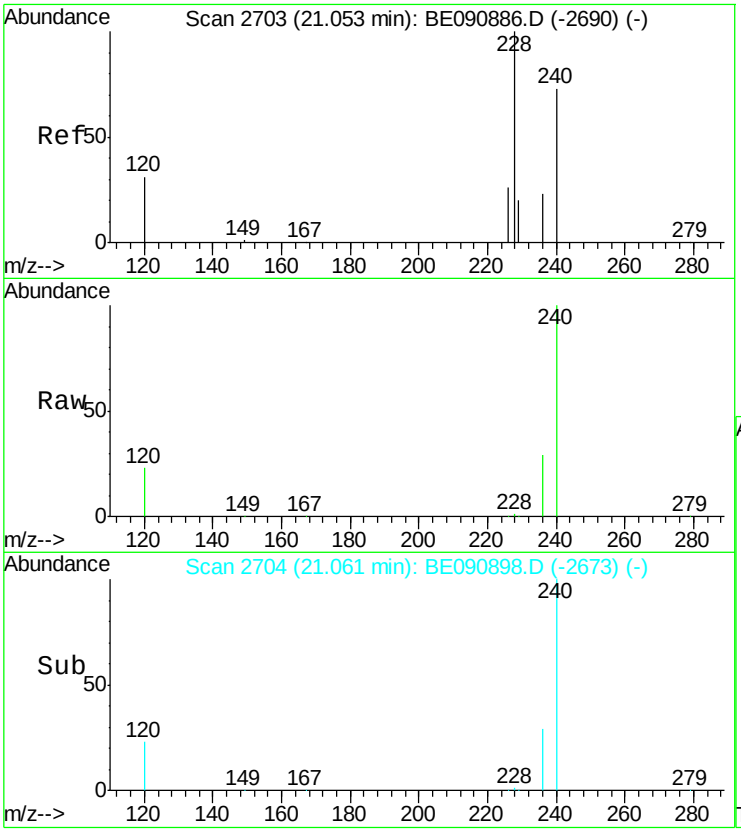


#28
Terphenyl-d14
Concen: 5.39 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:244 Resp: 124750

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	12.6	12.9	19.3#



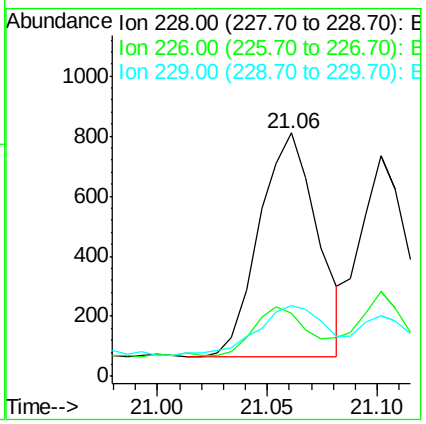


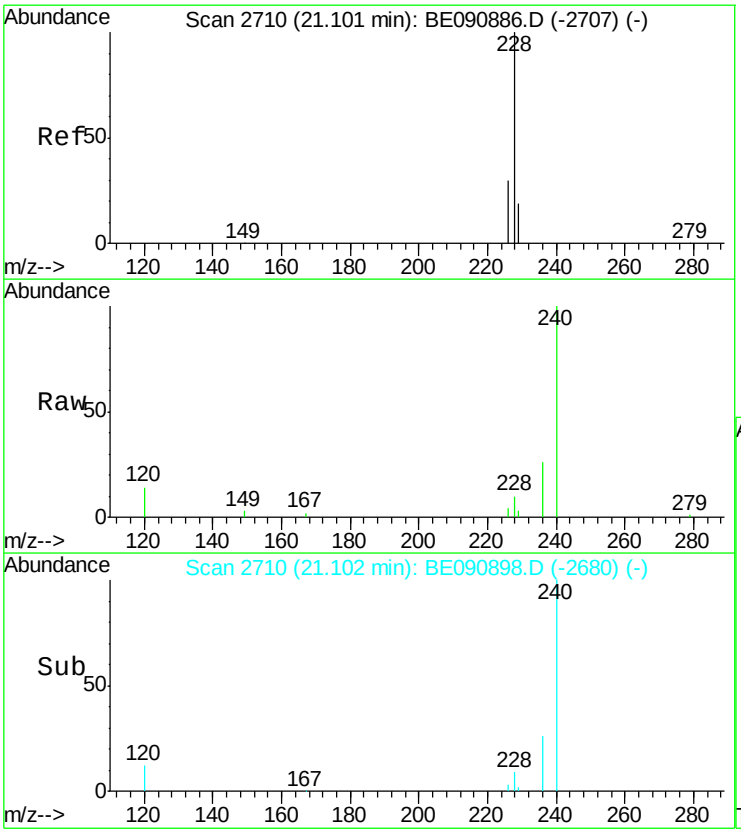
#29
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.06 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:228 Resp: 1381

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.6	32.4
229	29.0	15.9	23.9#

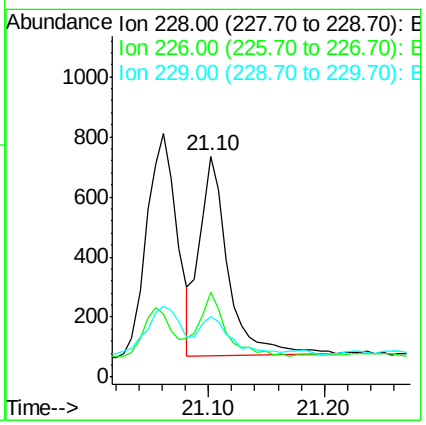


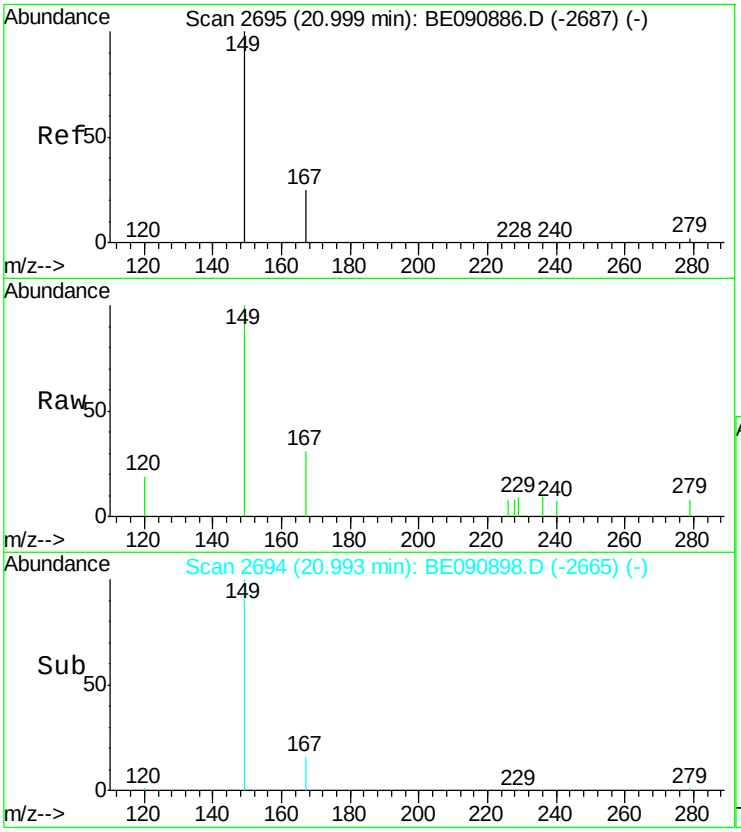


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:228 Resp: 1142

Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.2	36.4#
229	27.6	15.3	22.9#



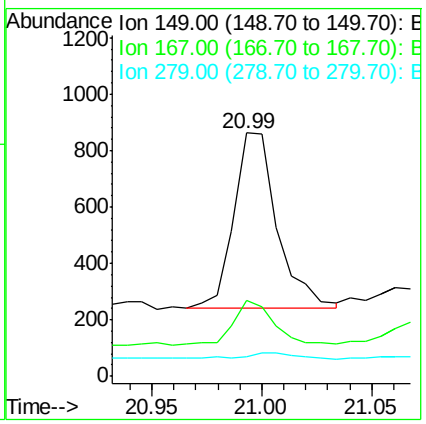


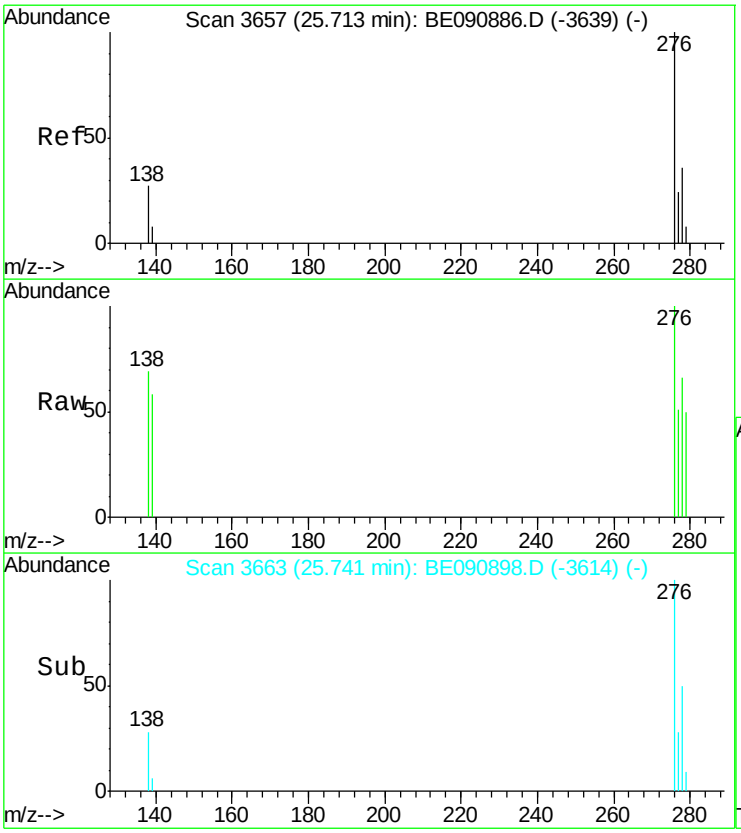
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 20.99 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:149 Resp: 849

Ion	Ratio	Lower	Upper
149	100		
167	23.4	20.1	30.1
279	3.9	2.3	3.5#

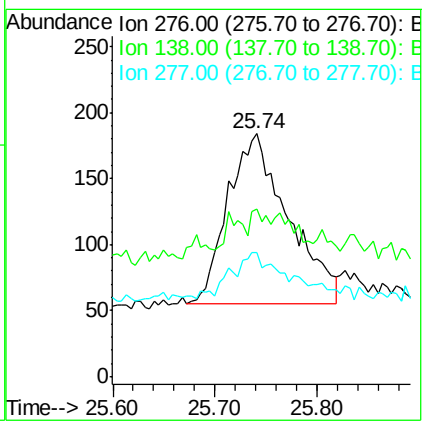


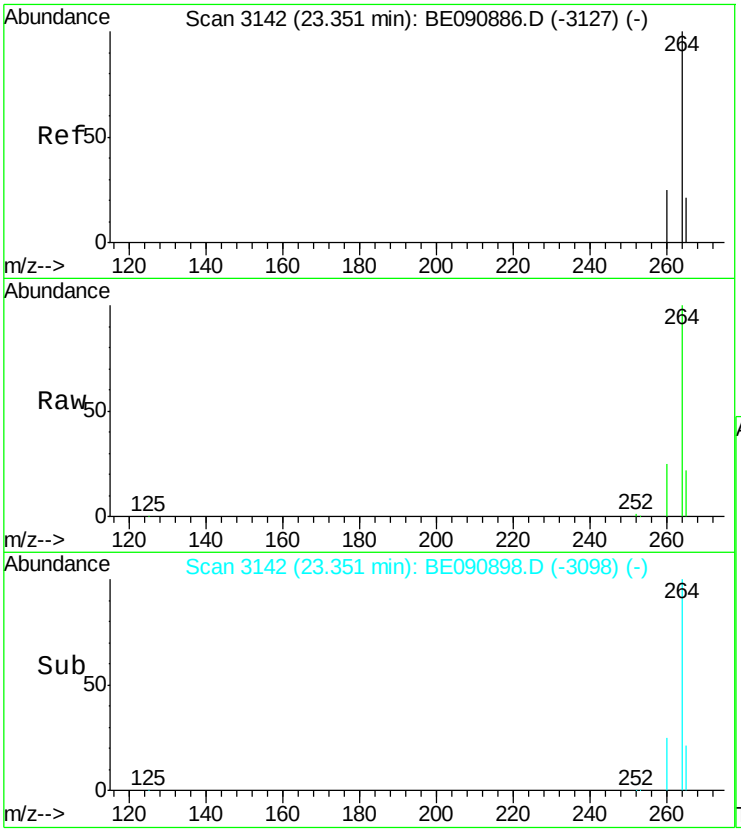


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.74 min Scan# 3663
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:276 Resp: 528

Ion	Ratio	Lower	Upper
276	100		
138	3.6	23.3	34.9#
277	19.9	19.8	29.6



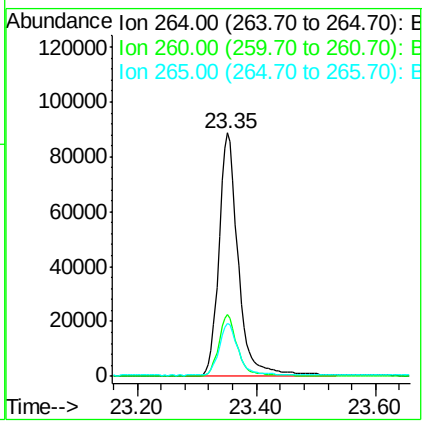


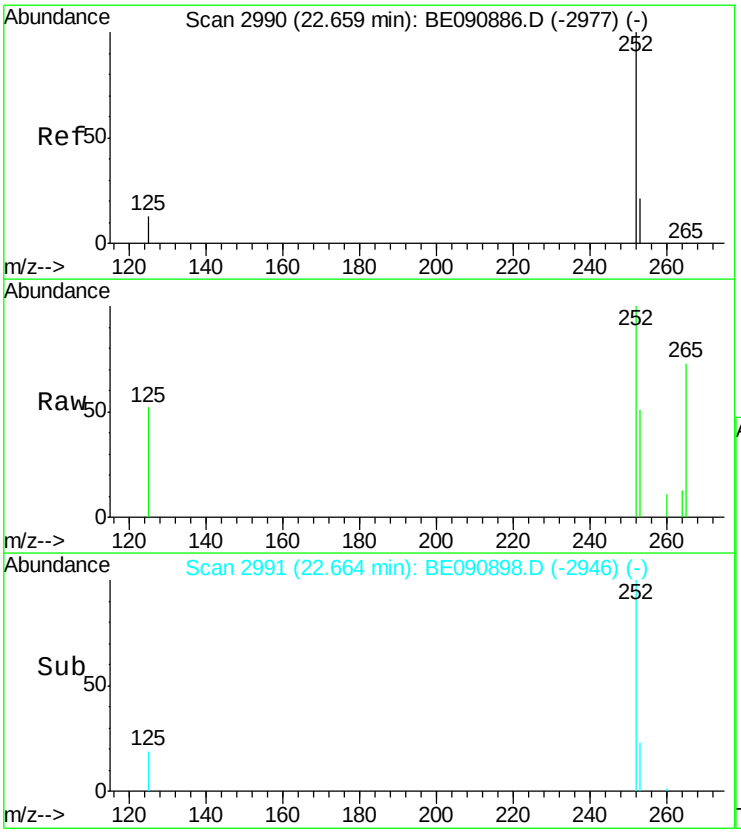
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:264 Resp: 201354

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.9	17.5	26.3

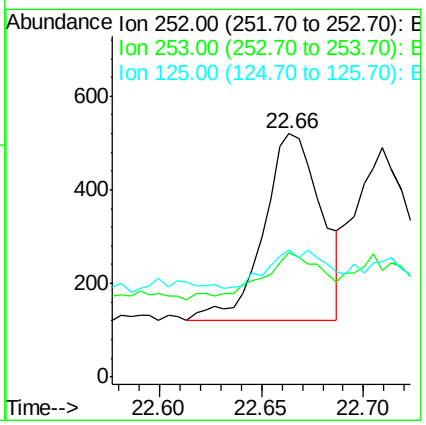


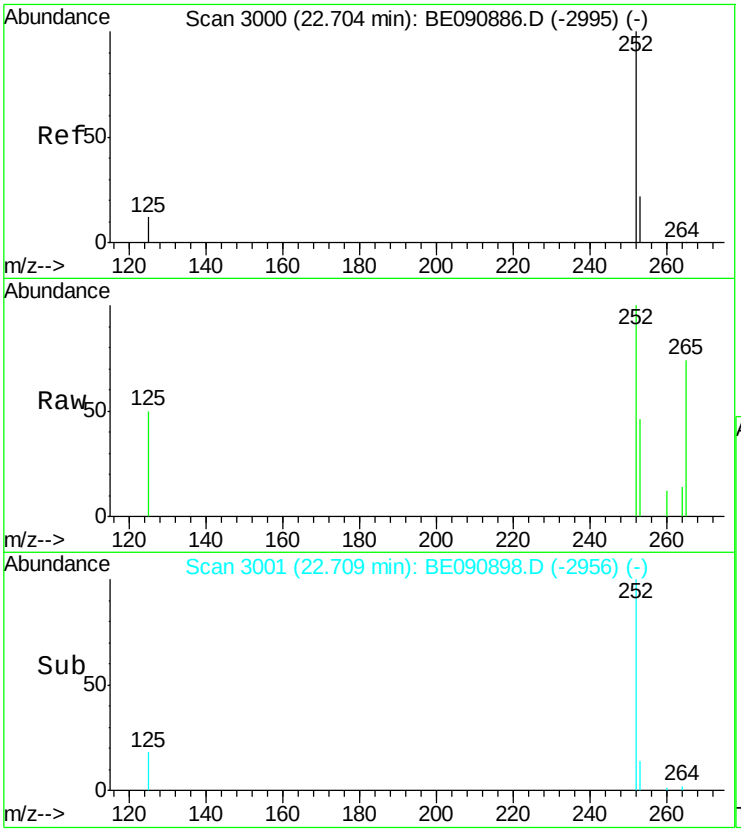


#34
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.66 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:252 Resp: 786

Ion	Ratio	Lower	Upper
252	100		
253	51.2	17.9	26.9#
125	52.1	10.6	16.0#



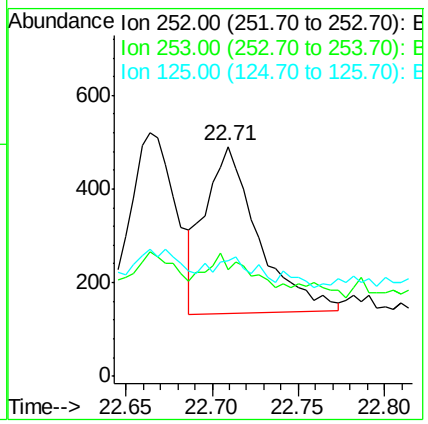


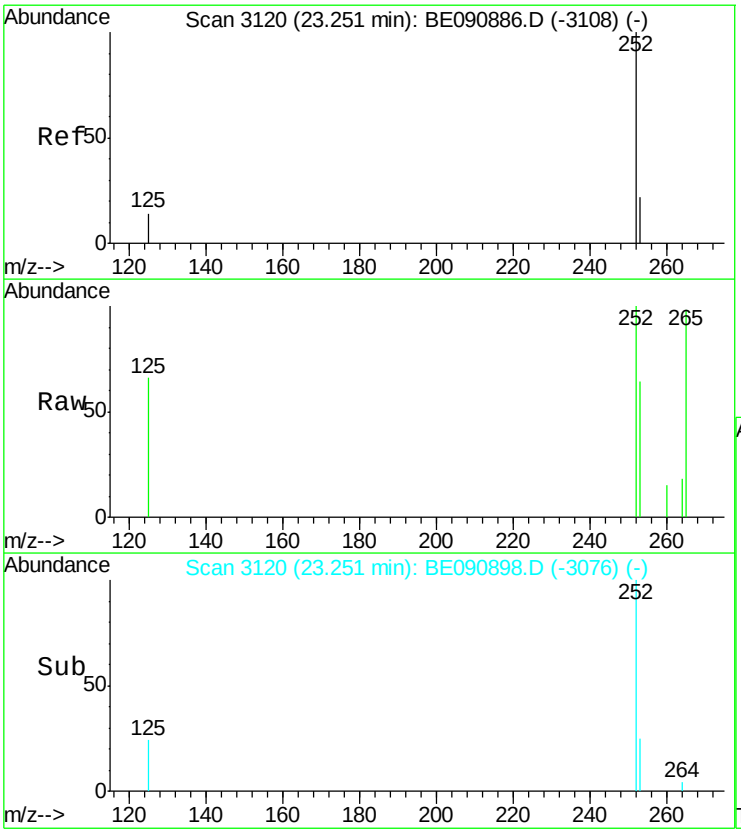
#35
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.71 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:252 Resp: 772

Ion	Ratio	Lower	Upper
252	100		
253	46.4	17.9	26.9#
125	50.3	10.1	15.1#

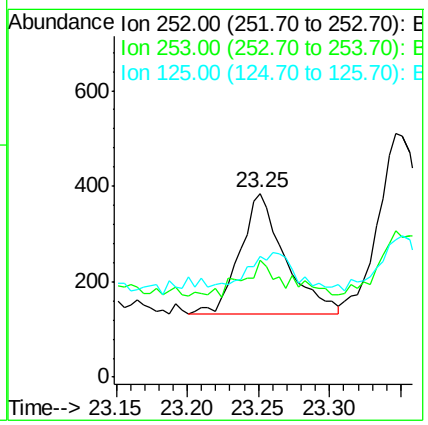


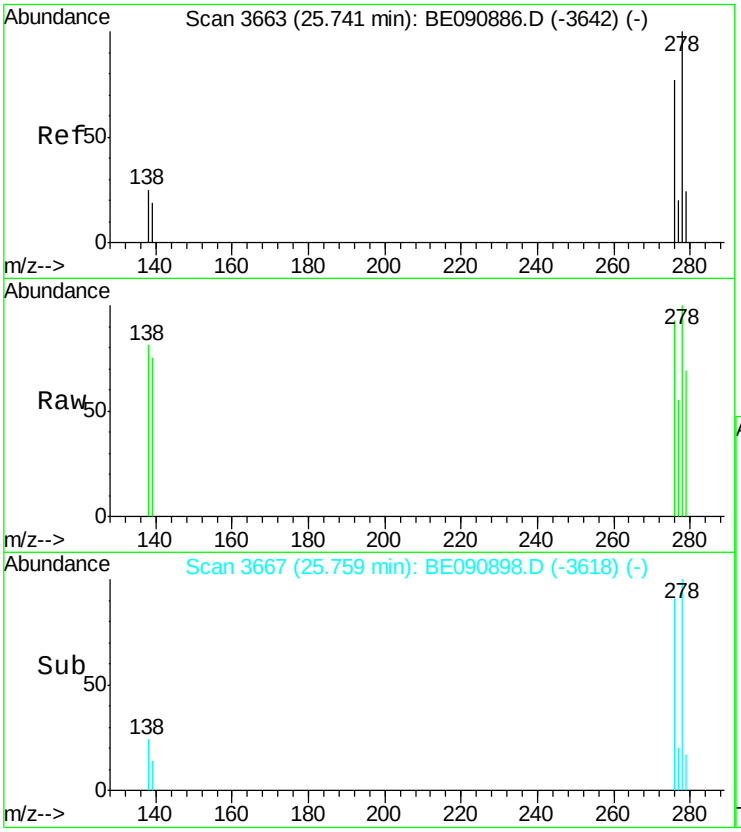


#36
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.25 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:252 Resp: 554

Ion	Ratio	Lower	Upper
252	100		
253	63.9	17.2	25.8#
125	66.0	18.0	27.0#



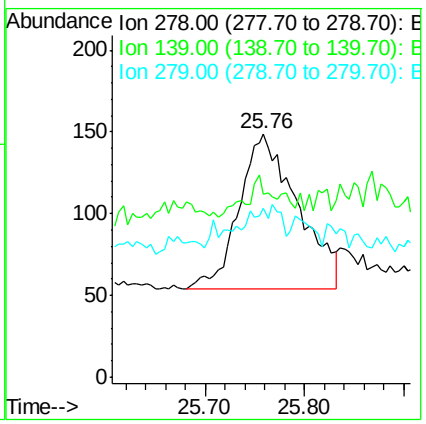


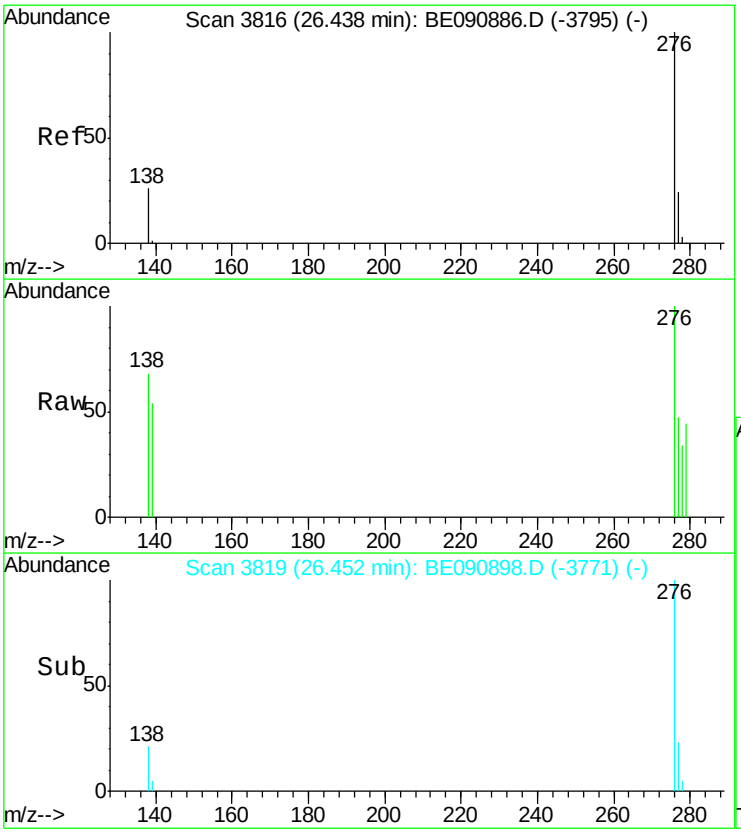
#37
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 25.76 min Scan# 3667
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

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

Tgt Ion:278 Resp: 389

Ion	Ratio	Lower	Upper
278	100		
139	75.2	15.4	23.0#
279	69.1	18.8	28.2#





#38
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.45 min Scan# 3819
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:276 Resp: 507

Ion	Ratio	Lower	Upper
276	100		
277	47.1	18.5	27.7#
138	67.9	20.1	30.1#