Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040717\
Data File : BE092894.D
Acq On : 7 Apr 2017 14:32
Operator : SJ/MA
Sample : PB98124BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB98124BSD

Quant Time: Apr 08 01:07:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	10831	5.00	ng		-0.02
7) Naphthalene-d8	10.54	136	44196	5.00	ng		0.00
12) Acenaphthene-d10	14.38	164	19746	5.00	ng		-0.02
18) Phenanthrene-d10	17.13	188	39358	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	40913	5.00	ng		-0.02
31) Perylene-d12	23.70	264	30333	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	23116	10.60	ng		0.00
5) Phenol-d6	6.94	99	31847	10.17	ng		0.00
8) Nitrobenzene-d5	8.90	82	12178	4.81	ng		-0.02
13) 2,4,6-Tribromophenol	15.88	330	3215	12.67	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	29241	4.38	ng		-0.01
26) Terphenyl-d14	19.74	244	26513	4.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	5208	3.58	ng		99
3) n-Nitrosodimethylamine	3.61	42	7211	4.95	ng		84
6) bis(2-Chloroethyl)ether	7.20	93	15123	4.31	ng	#	50
9) Naphthalene	10.58	128	41494	4.25	ng		94
10) Hexachlorobutadiene	10.89	225	5745	4.36	ng		99
11) 2-Methylnaphthalene	12.21	142	26168	4.33	ng	#	83
15) Acenaphthylene	14.09	152	137956	4.94	ng		100
16) Acenaphthene	14.45	154	24661	4.30	ng		95
17) Fluorene	15.44	166	27938	4.40	ng		99
19) Hexachlorobenzene	16.47	284	7243	4.85	ng	#	64
20) Pentachlorophenol	16.79	266	3705	10.71	ng	#	77
21) Phenanthrene	17.18	178	47654	4.54	ng	#	94
22) Anthracene	17.27	178	43374	5.06	ng		100
23) Fluoranthene	19.16	202	174452	4.54	ng		99
25) Pyrene	19.54	202	181958	4.98	ng		98
27) Benzo(a)anthracene	21.26	228	41844	4.74	ng	#	91
28) Chrysene	21.31	228	39042	3.81	ng	#	76
29) Bis(2-ethylhexyl)phthalate	21.21	149	11049	3.83	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.24	276	161680	4.74	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	37815	5.04	ng		99
33) Benzo(k)fluoranthene	23.01	252	34563	5.09	ng		97
34) Benzo(a)pyrene	23.59	252	32636	5.60	ng		97
35) Dibenzo(a,h)anthracene	26.27	278	36373	5.44	ng		96
36) Benzo(g,h,i)perylene	27.00	276	138940	5.09	ng		93

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

Quantitation Report (Not Reviewed)

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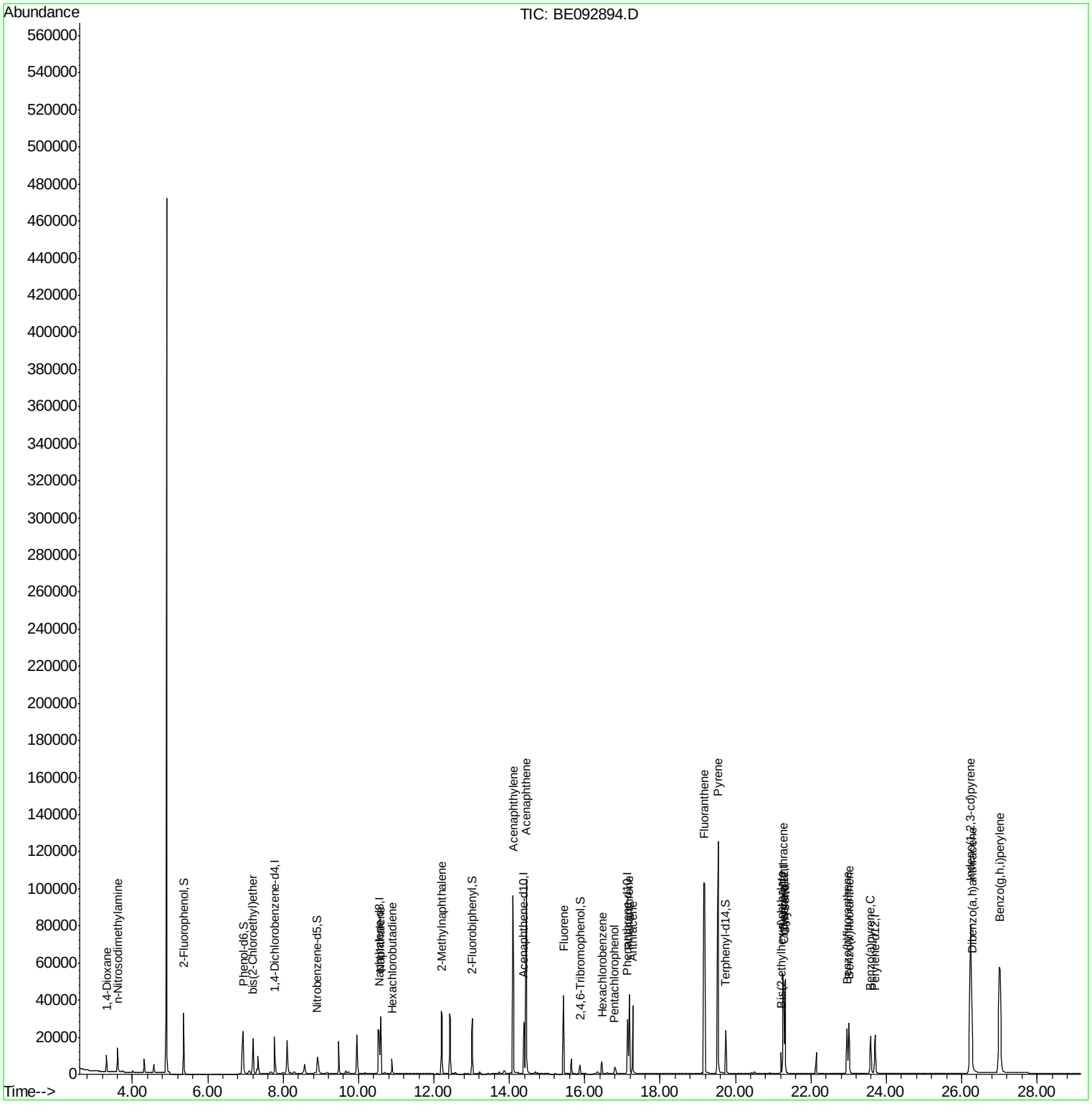
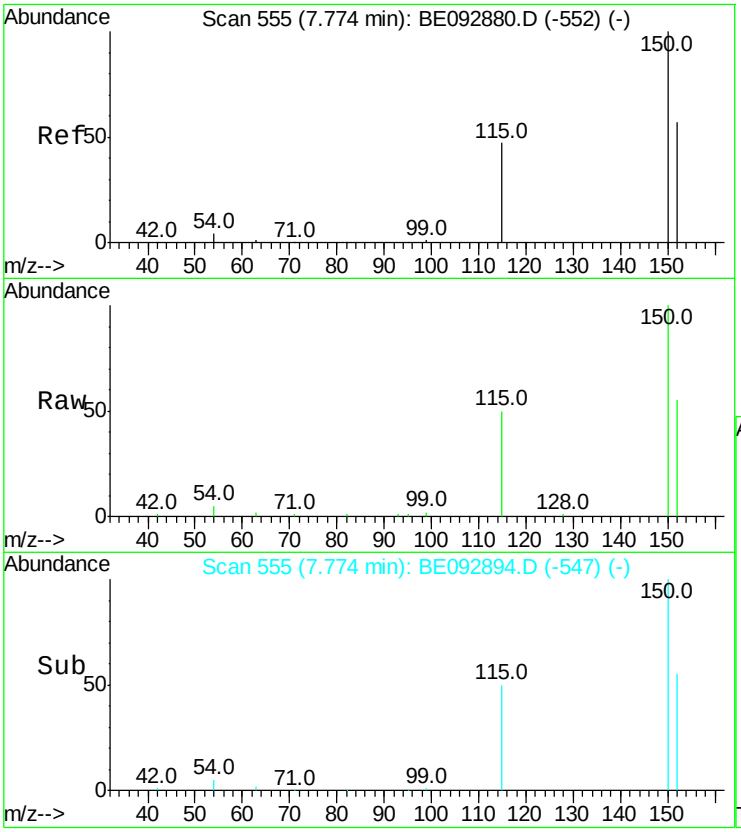
Acq On : 7 Apr 2017 14:32
Operator : SJ/MA
Sample : PB98124BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Quant Time: Apr 08 01:07:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration



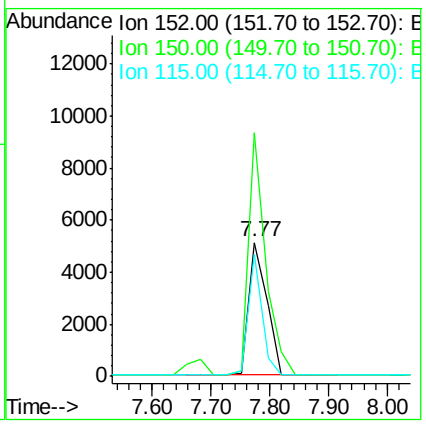


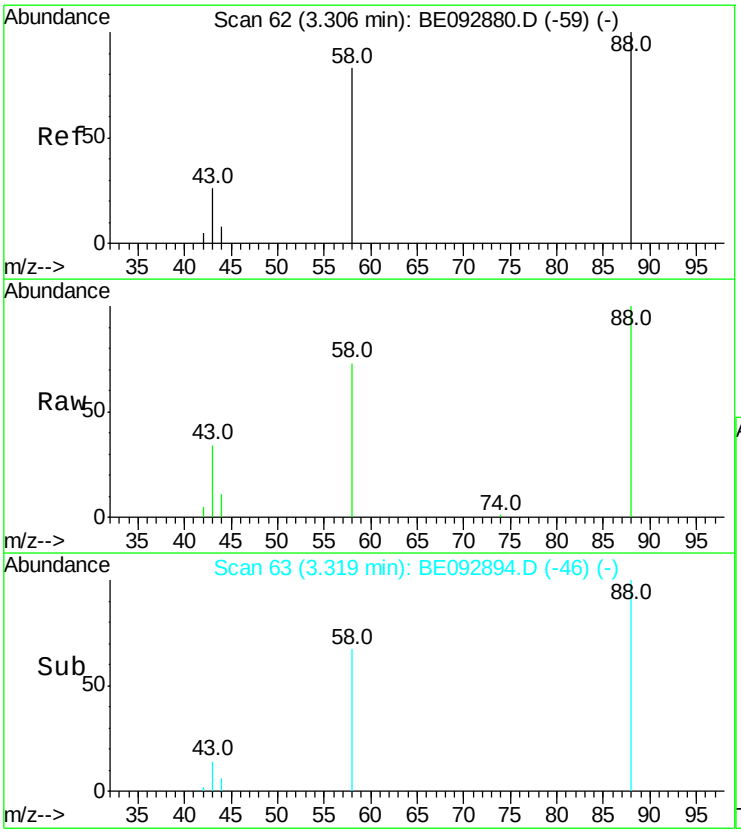
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:152 Resp: 10831

Ion	Ratio	Lower	Upper
152	100		
150	181.6	106.0	159.0#
115	91.0	31.2	46.8#

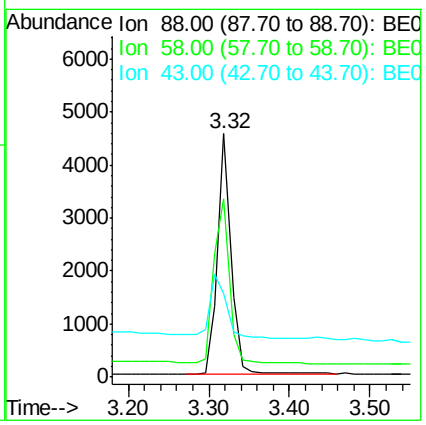


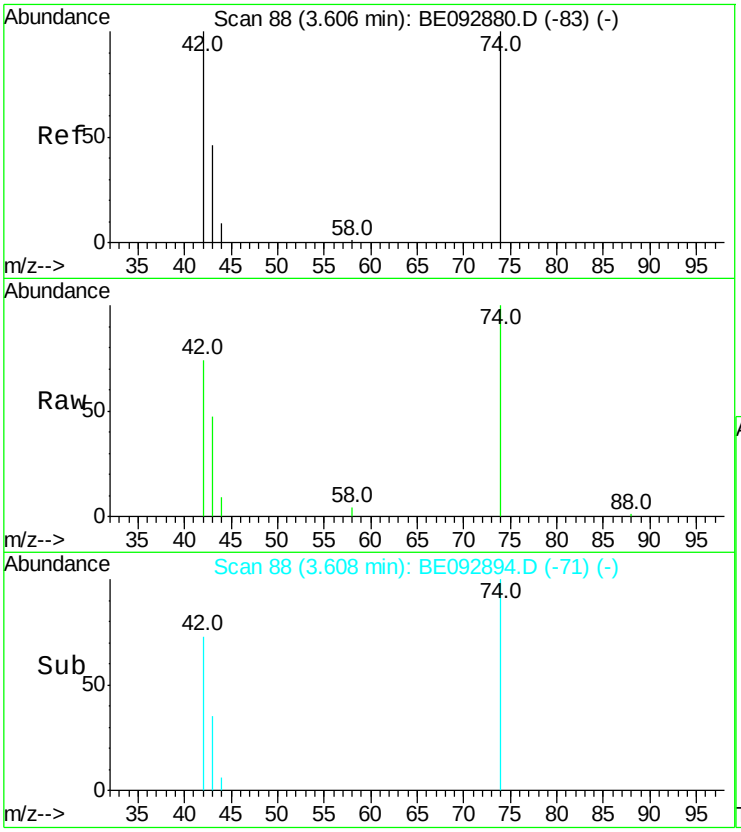


#2
1,4-Dioxane
Concen: 3.58 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion: 88 Resp: 5208

Ion	Ratio	Lower	Upper
88	100		
58	80.2	63.6	95.4
43	33.3	28.0	42.0



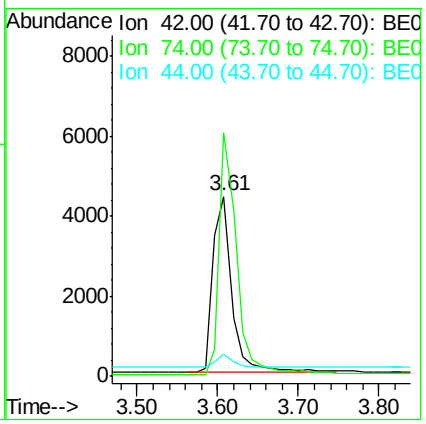


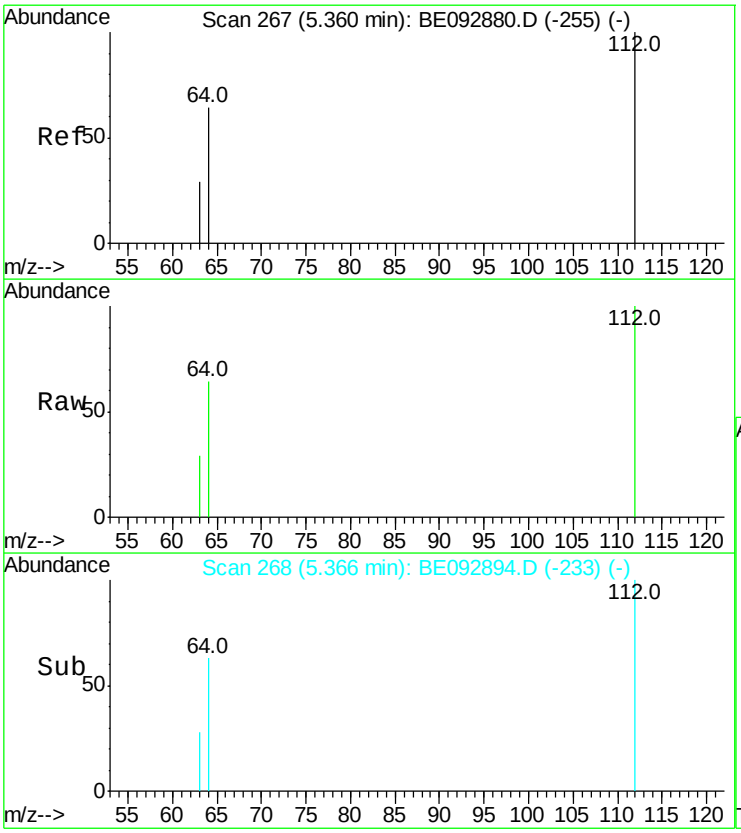
#3
n-Nitrosodimethylamine
Concen: 4.95 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion: 42 Resp: 7211

Ion	Ratio	Lower	Upper
42	100		
74	125.2	86.0	129.0
44	6.8	5.1	7.7

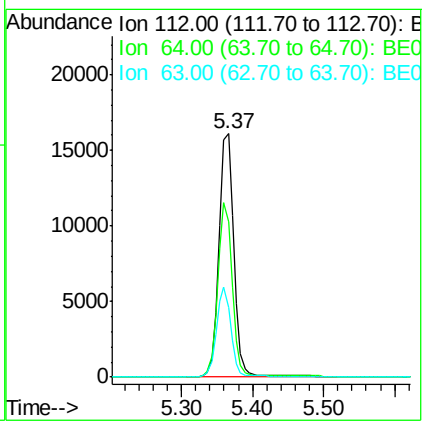


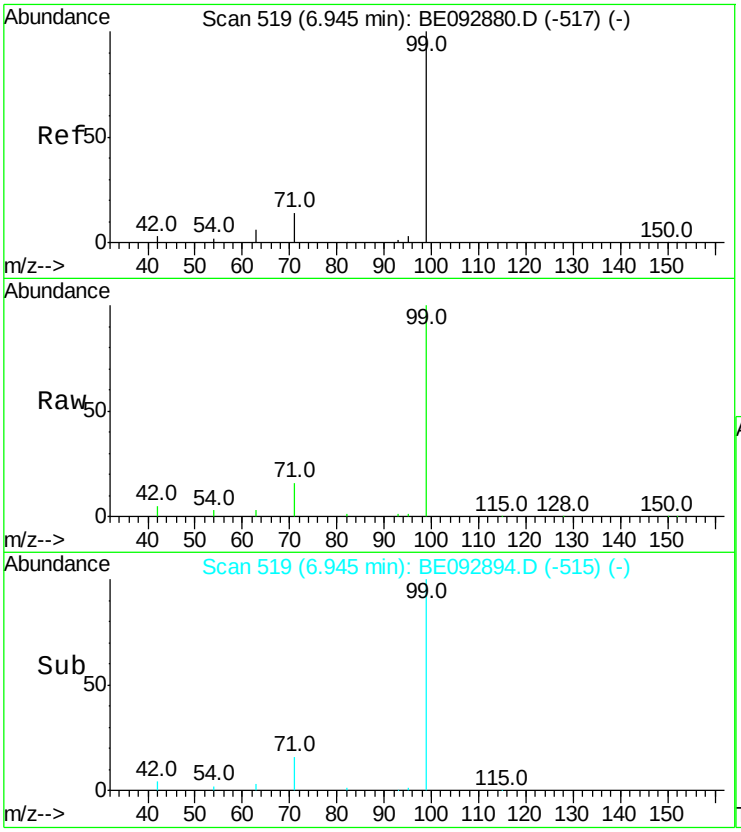


#4
2-Fluorophenol
Concen: 10.60 ng
RT: 5.37 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:112 Resp: 23116

Ion	Ratio	Lower	Upper
112	100		
64	69.4	53.5	80.3
63	35.6	27.9	41.9



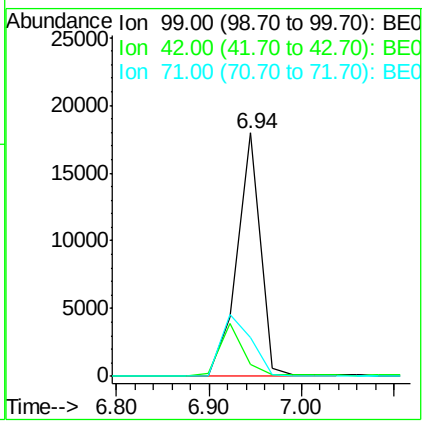


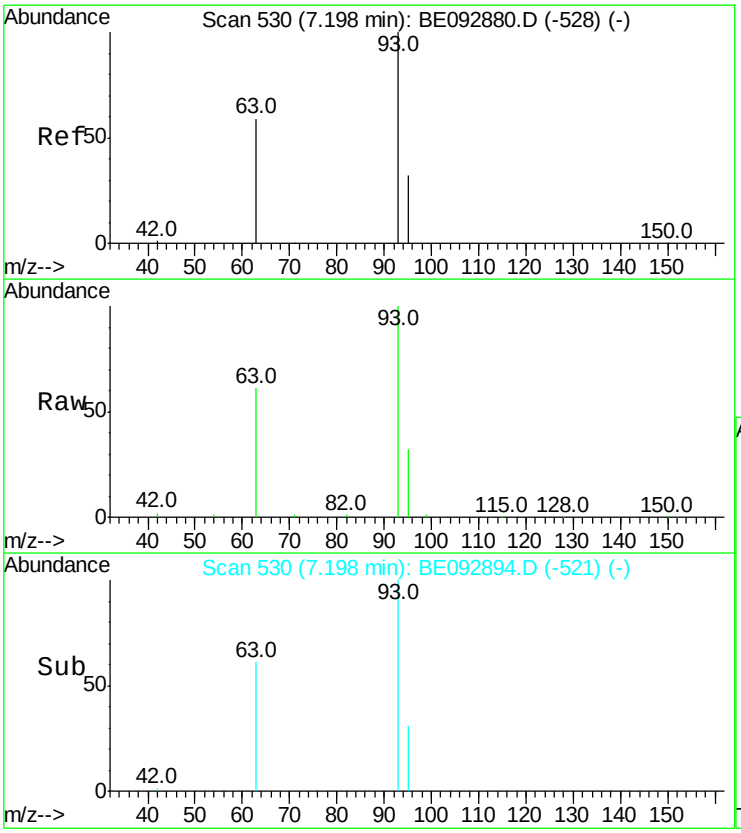
#5
Phenol-d6
Concen: 10.17 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion: 99 Resp: 31847

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

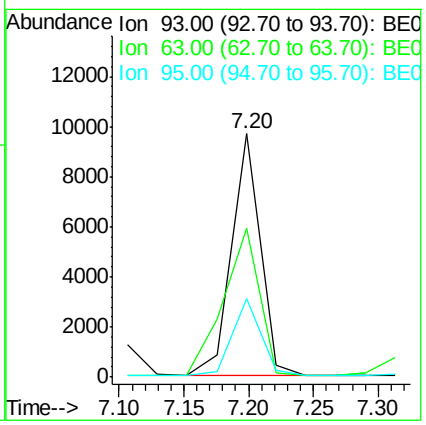


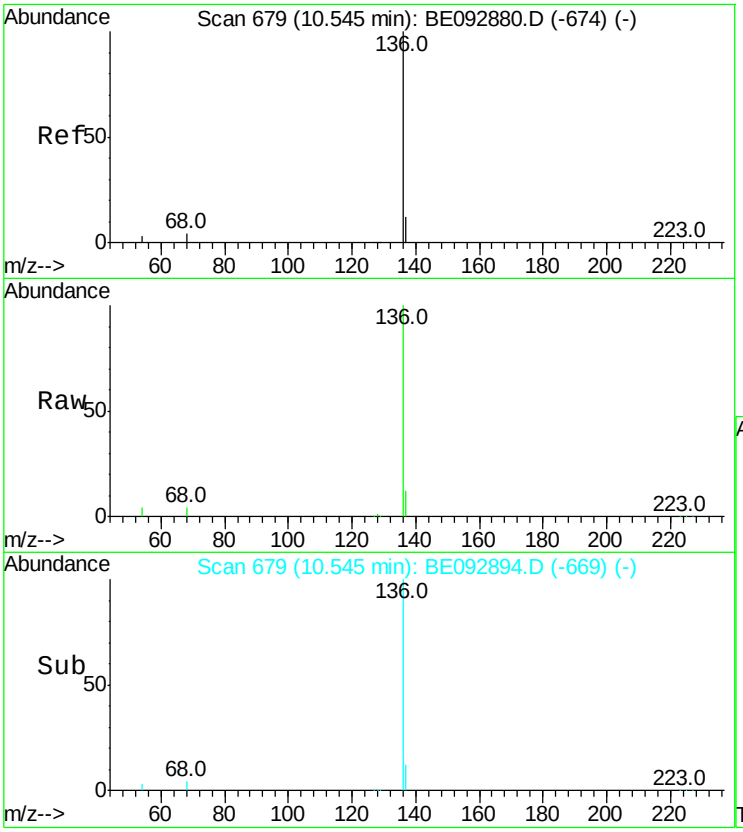


#6
bis(2-Chloroethyl)ether
Concen: 4.31 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion: 93 Resp: 15123

Ion	Ratio	Lower	Upper
93	100		
63	75.8	16.0	24.0#
95	31.5	24.0	36.0



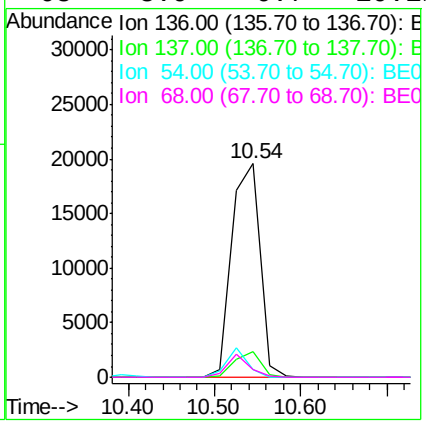


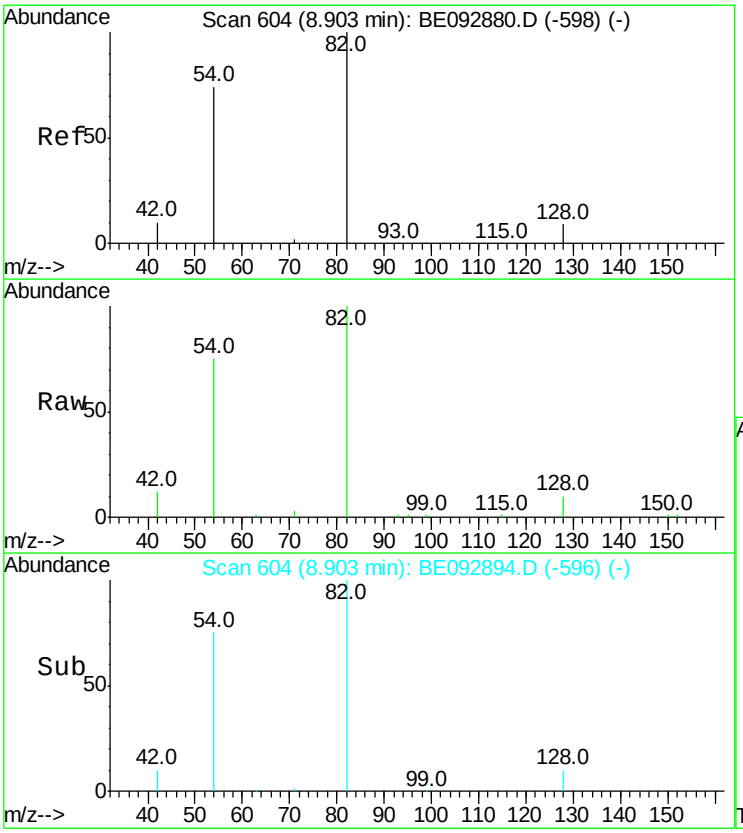
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:136 Resp: 44196

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.2	12.4
54	3.6	9.6	14.4#
68	3.9	6.7	10.1#

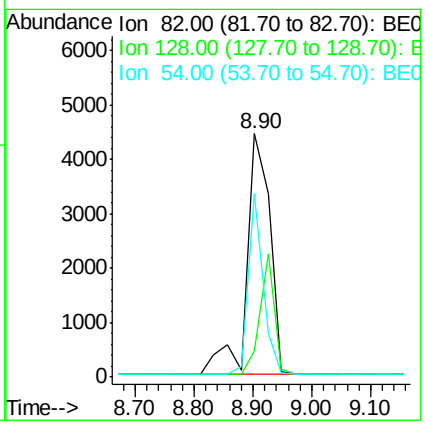


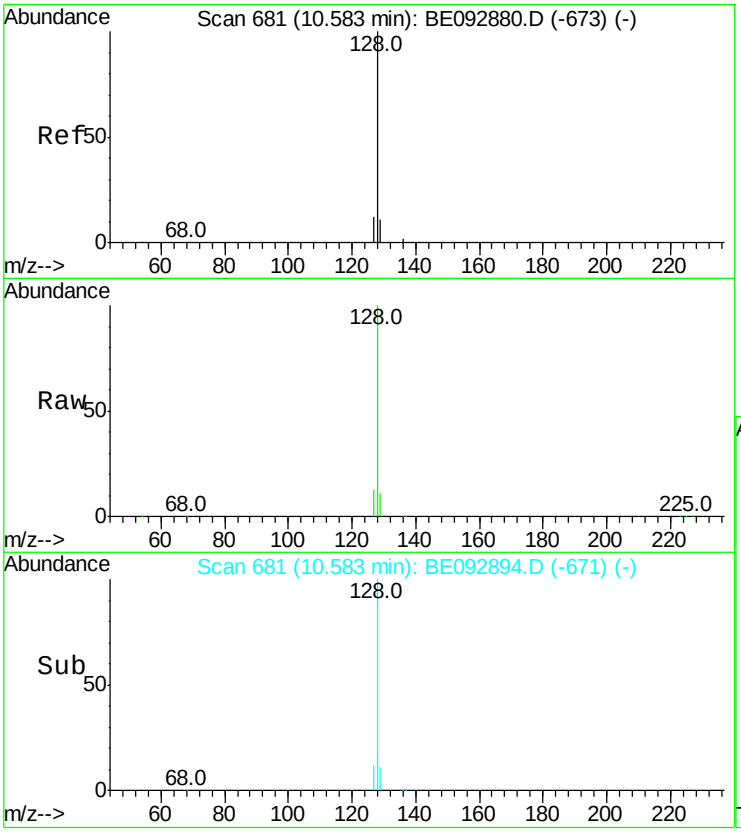


#8
Nitrobenzene-d5
Concen: 4.81 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion: 82 Resp: 12178

Ion	Ratio	Lower	Upper
82	100		
128	10.5	39.0	58.4#
54	75.4	44.8	67.2#



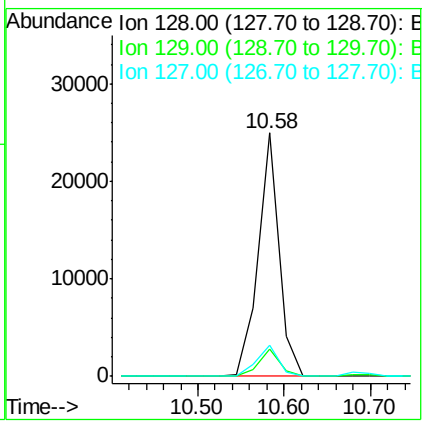


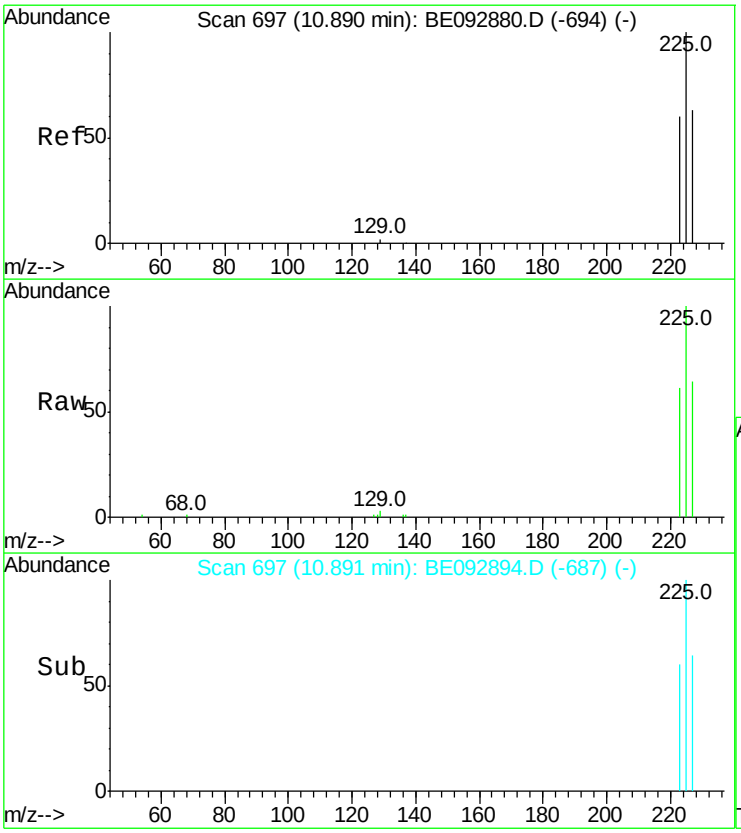
#9
Naphthalene
Concen: 4.25 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:128 Resp: 41494

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.2	16.8
127	12.6	11.6	17.4

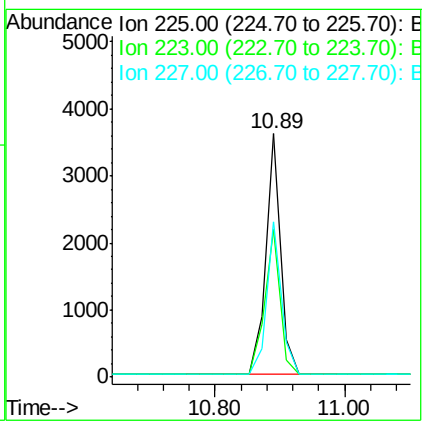


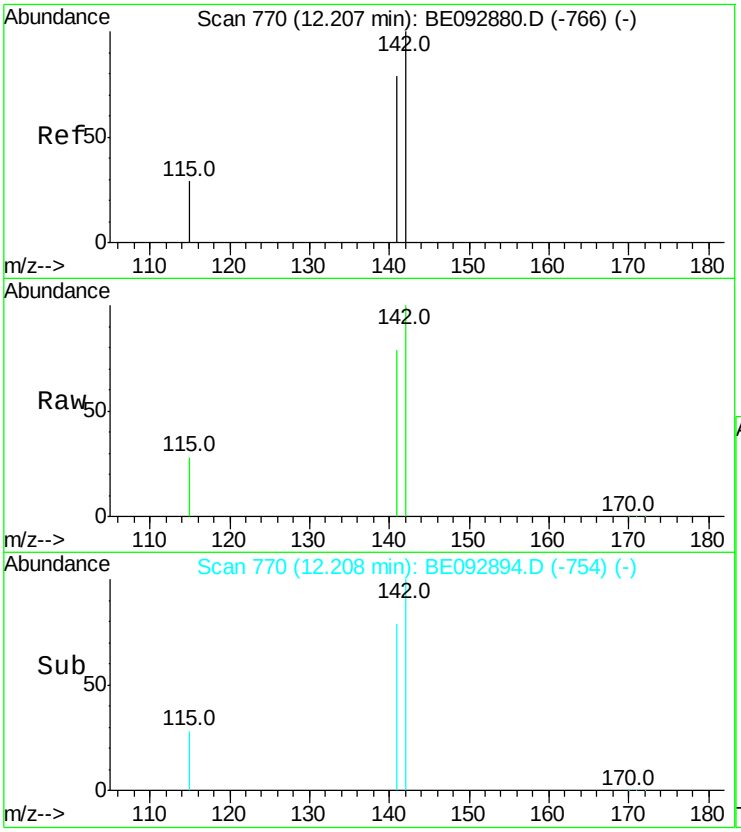


#10
Hexachlorobutadiene
Concen: 4.36 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:225 Resp: 5745

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.2	51.4	77.0



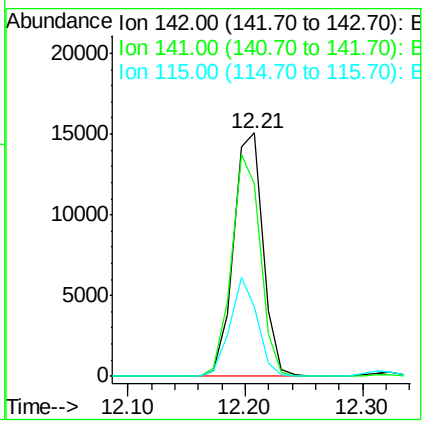


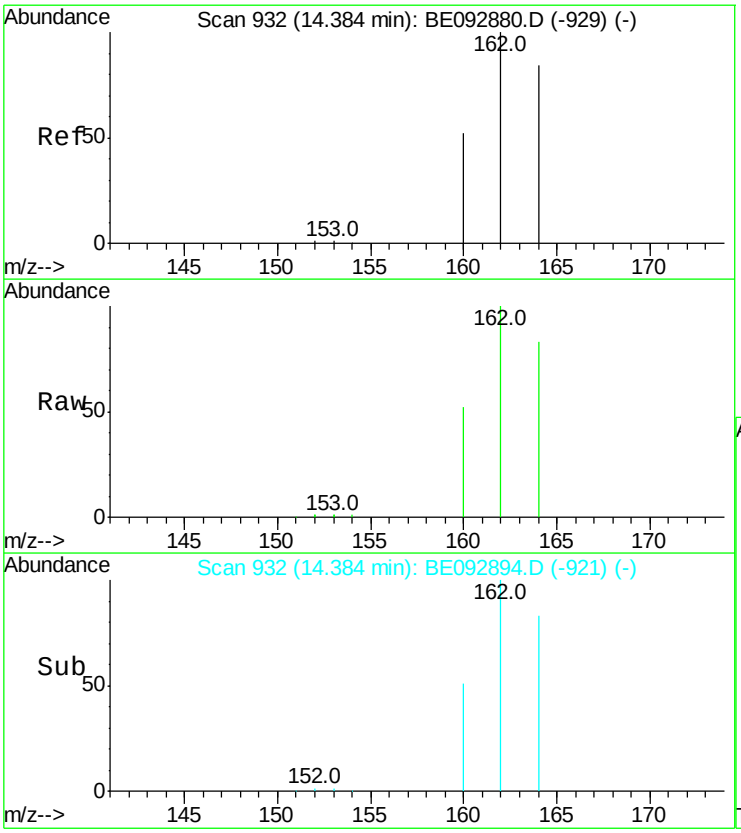
#11
2-Methylnaphthalene
Concen: 4.33 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:142 Resp: 26168

Ion	Ratio	Lower	Upper
142	100		
141	78.8	73.7	110.5
115	28.3	34.0	51.0#

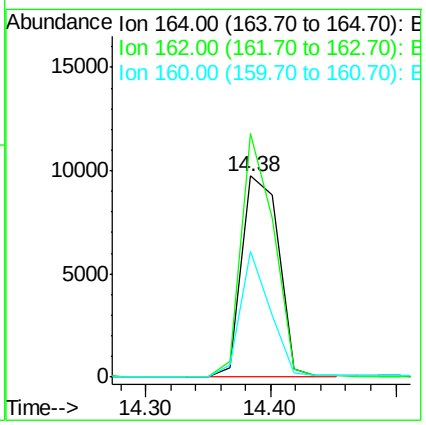


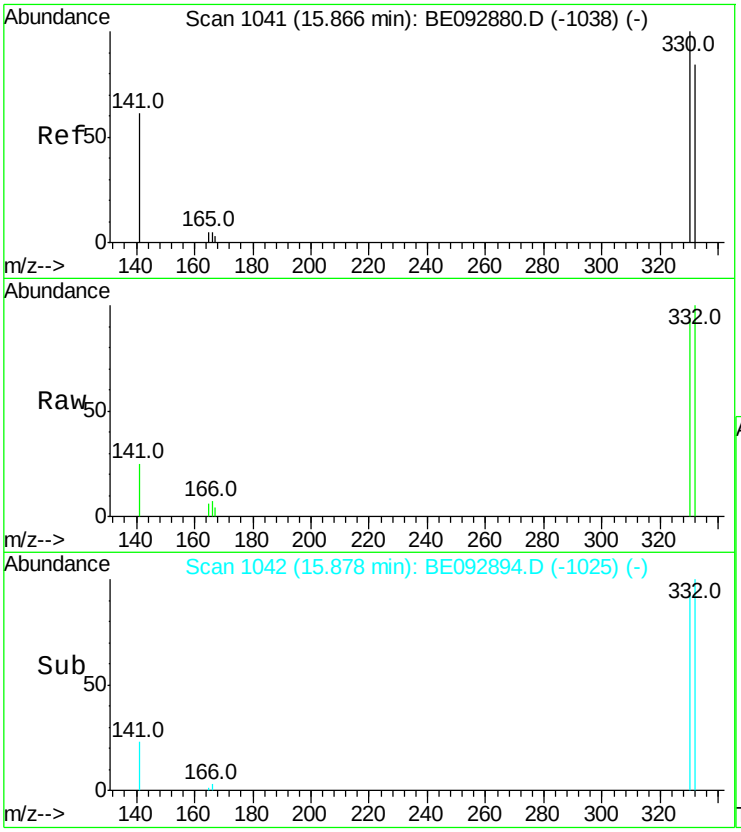


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 932
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:164 Resp: 19746

Ion	Ratio	Lower	Upper
164	100		
162	121.0	71.4	107.0#
160	62.4	27.4	41.2#



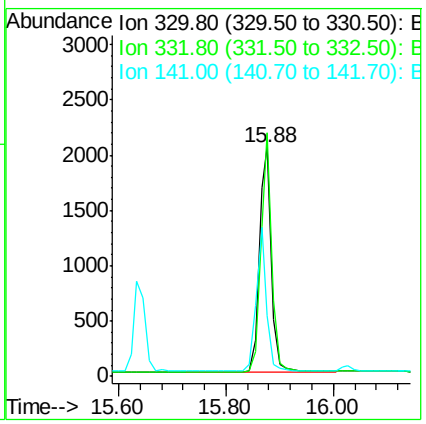


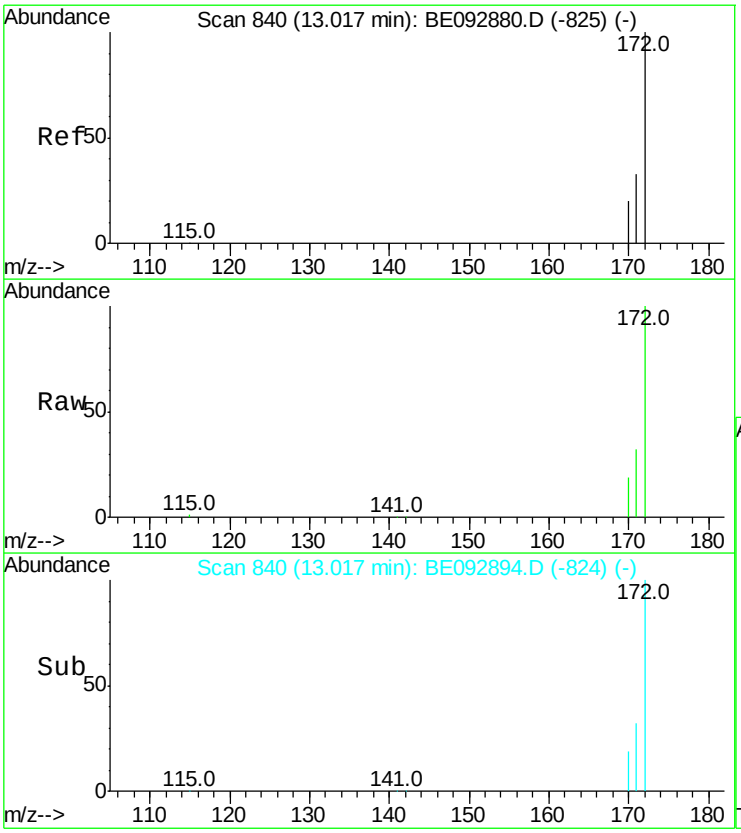
#13
2,4,6-Tribromophenol
Concen: 12.67 ng
RT: 15.88 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:330 Resp: 3215

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.0
141	56.0	31.0	46.6#

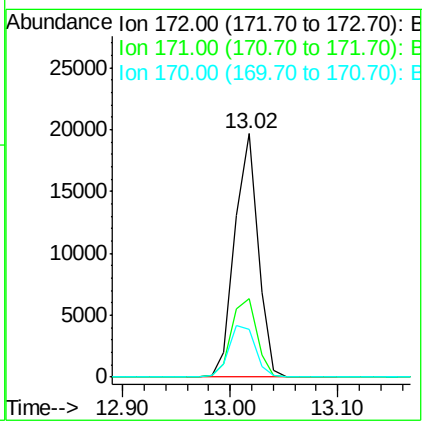


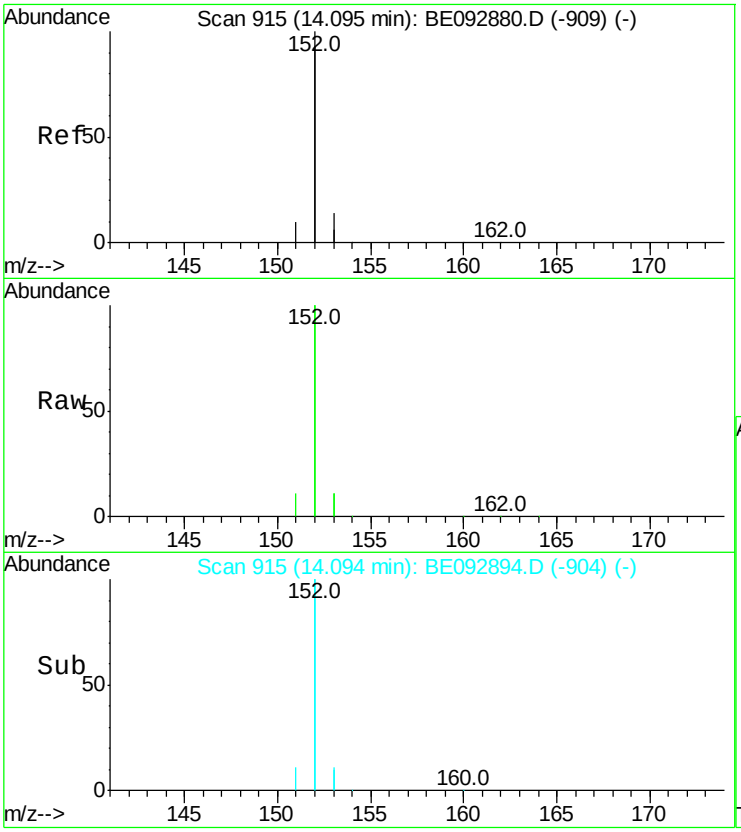


#14
2-Fluorobiphenyl
Concen: 4.38 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:172 Resp: 29241

Ion	Ratio	Lower	Upper
172	100		
171	32.1	30.1	45.1
170	19.5	21.8	32.6#



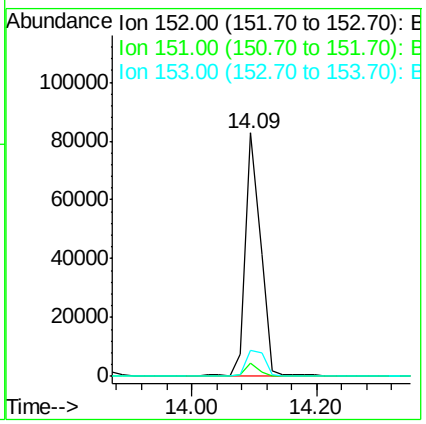


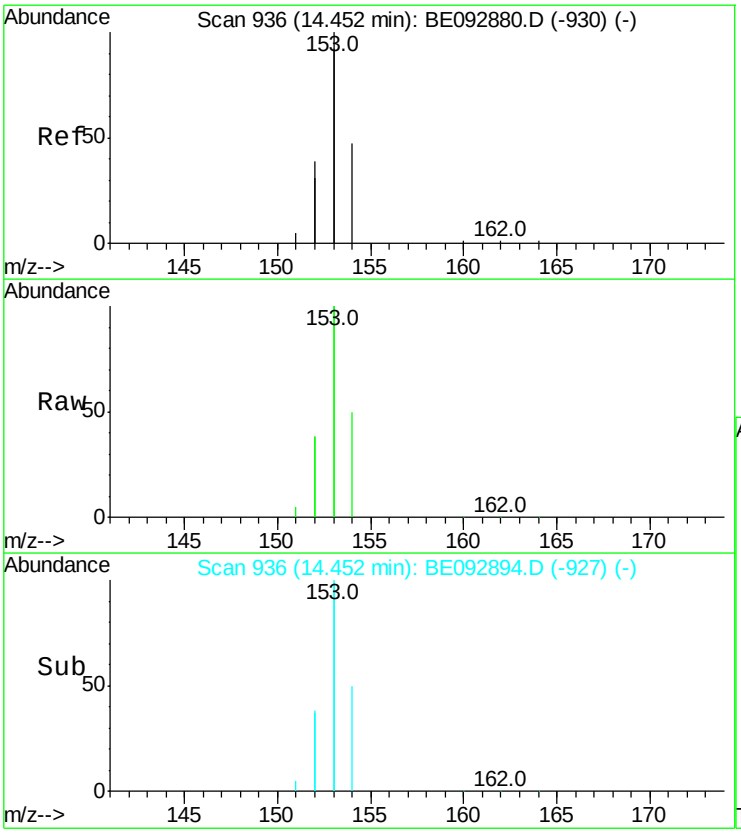
#15
Acenaphthylene
Concen: 4.94 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:152 Resp: 137956

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

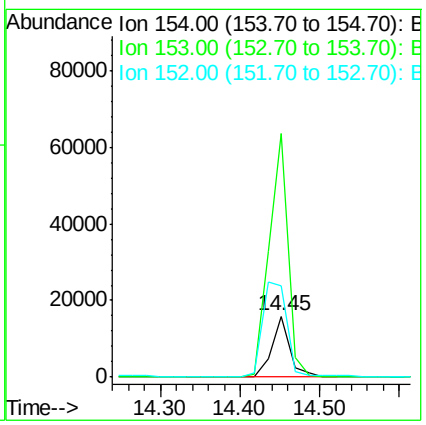


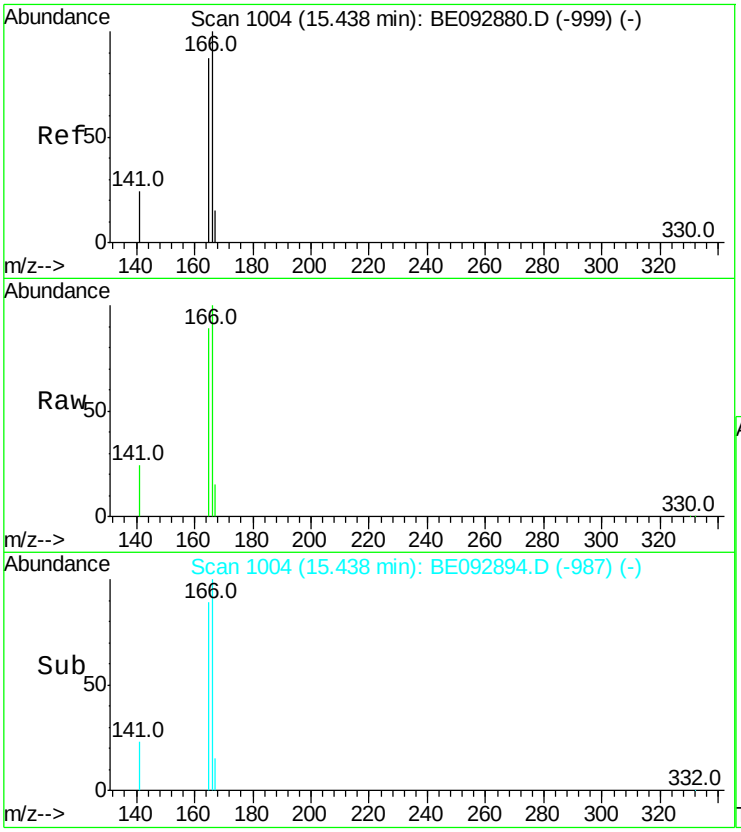


#16
Acenaphthene
Concen: 4.30 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:154 Resp: 24661

Ion	Ratio	Lower	Upper
154	100		
153	421.5	350.8	526.2
152	209.5	171.1	256.7



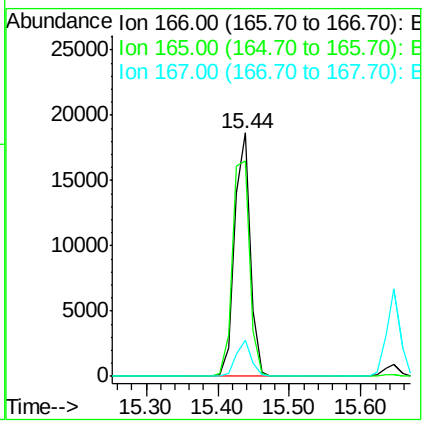


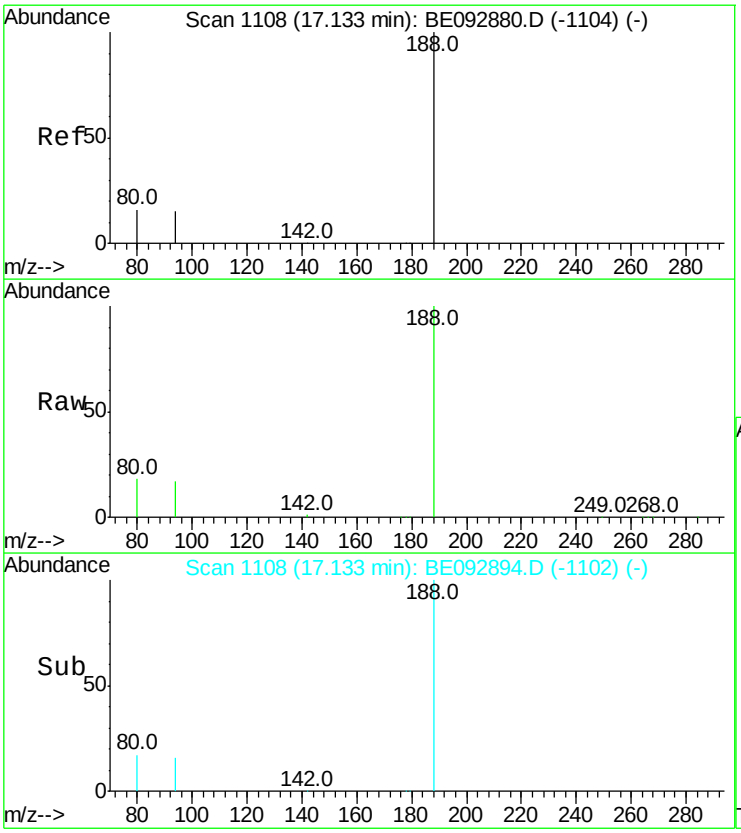
#17
Fluorene
Concen: 4.40 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:166 Resp: 27938

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	14.0	11.0	16.4

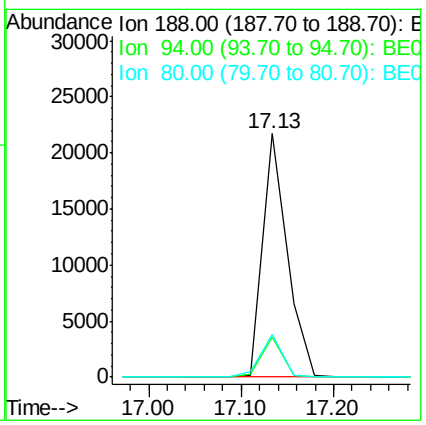


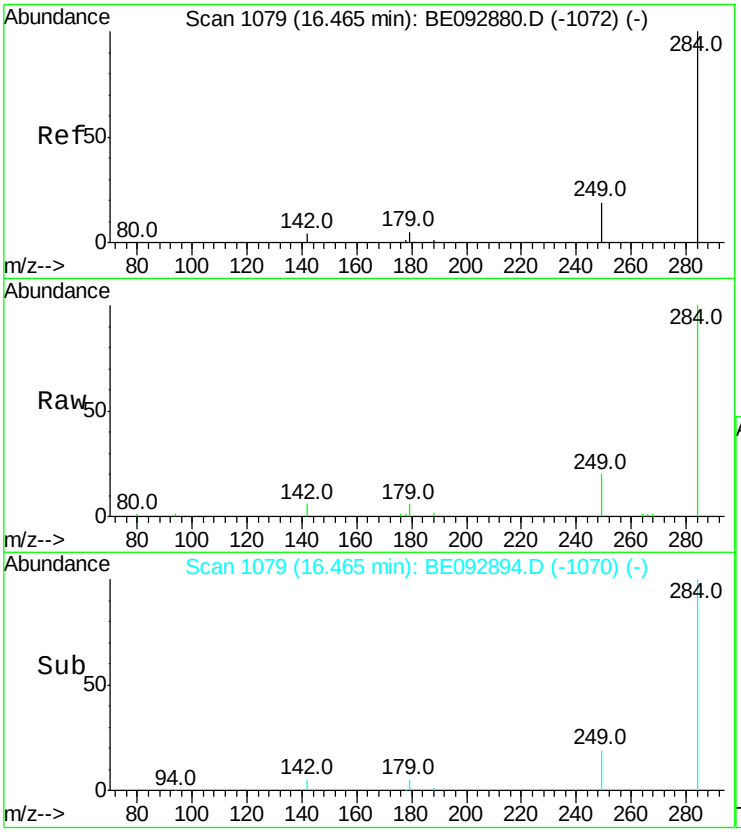


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:188 Resp: 39358

Ion	Ratio	Lower	Upper
188	100		
94	16.6	3.2	4.8#
80	17.5	2.6	3.8#



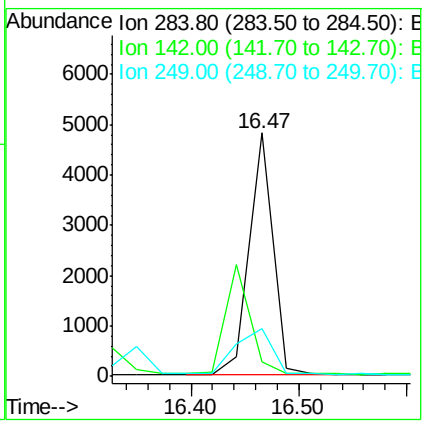


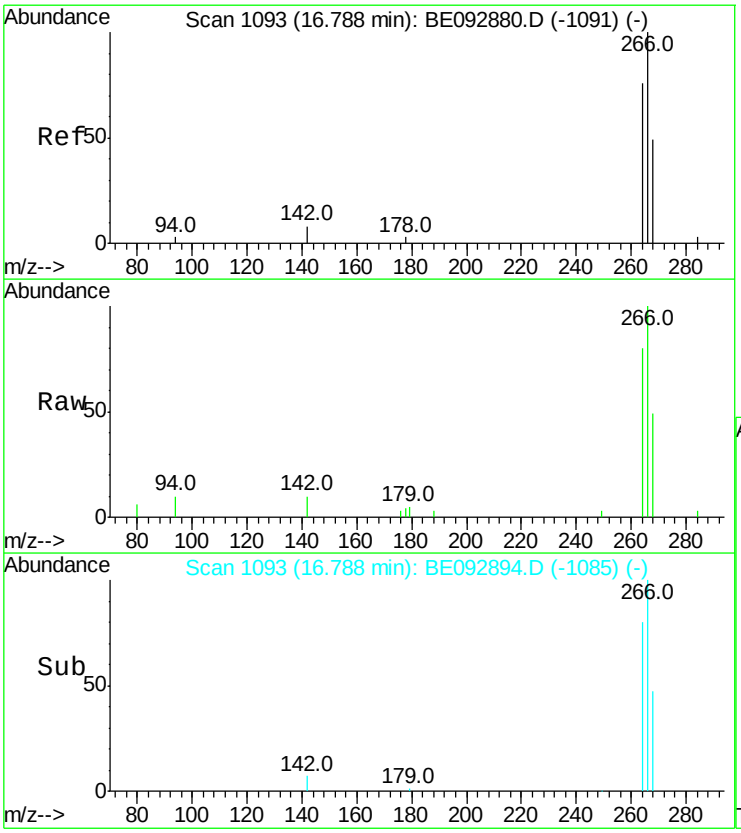
#19
Hexachlorobenzene
Concen: 4.85 ng
RT: 16.47 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:284 Resp: 7243

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	29.1	27.9	41.9

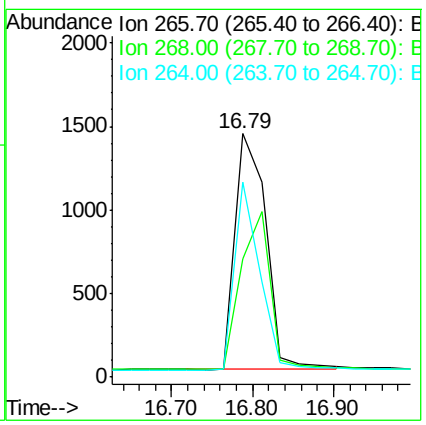


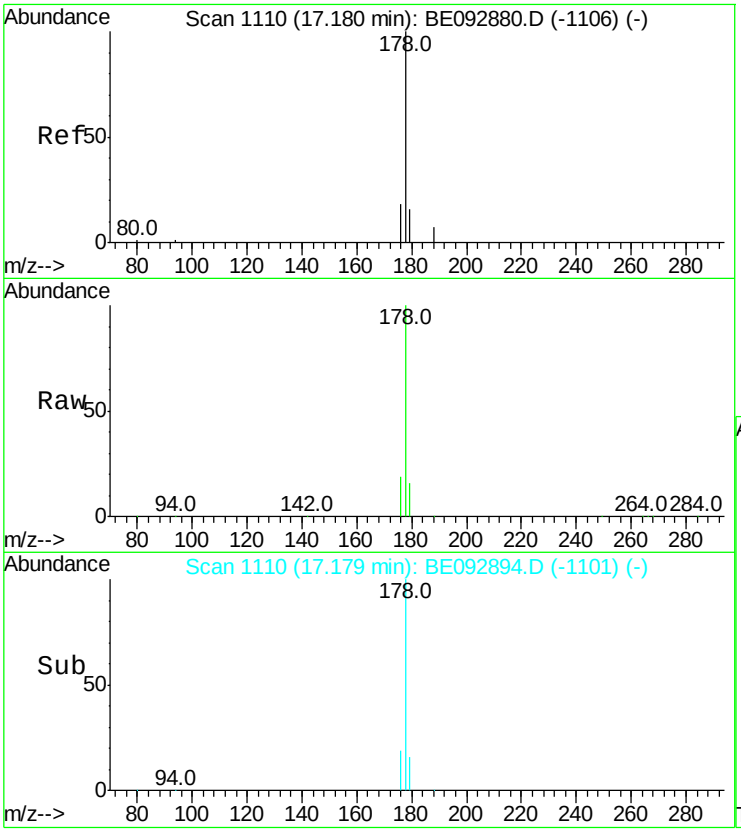


#20
Pentachlorophenol
Concen: 10.71 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:266 Resp: 3705

Ion	Ratio	Lower	Upper
266	100		
268	48.7	62.5	93.7#
264	80.3	57.2	85.8



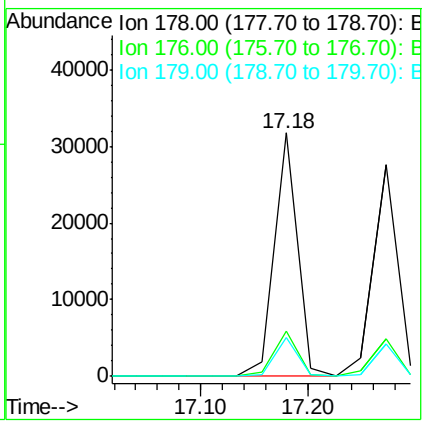


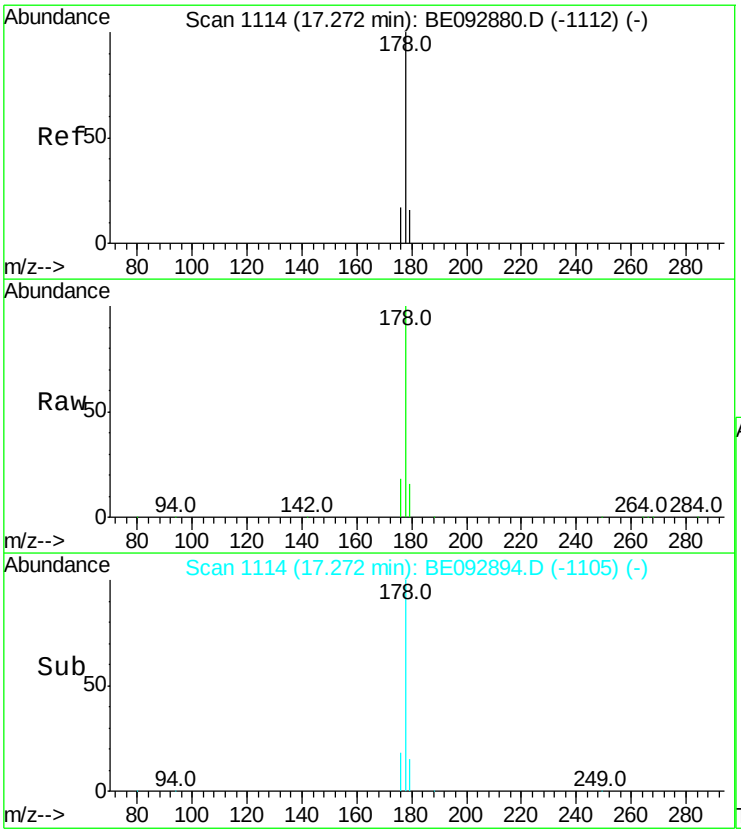
#21
Phenanthrene
Concen: 4.54 ng
RT: 17.18 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:178 Resp: 47654

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.6	16.0	24.0#

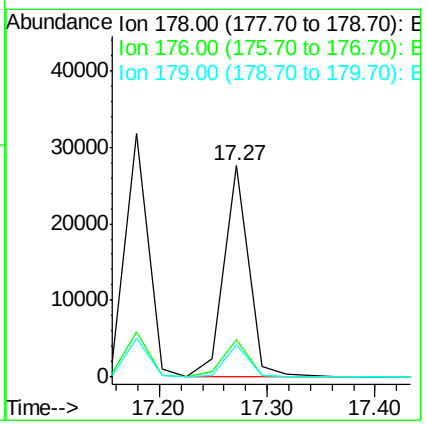


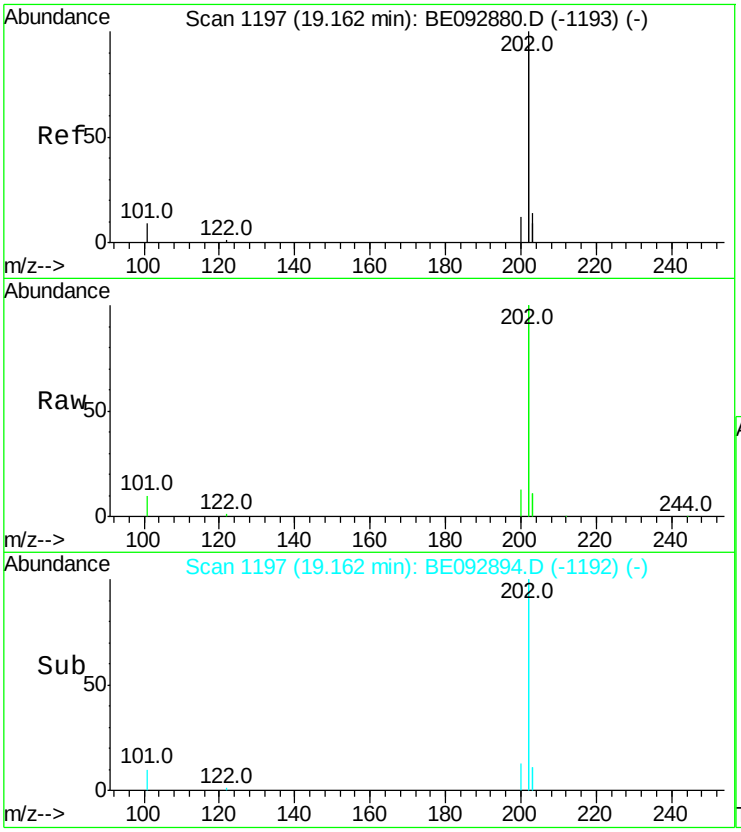


#22
Anthracene
Concen: 5.06 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:178 Resp: 43374

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.2	18.2



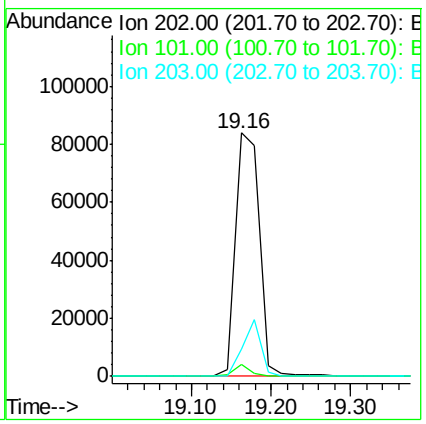


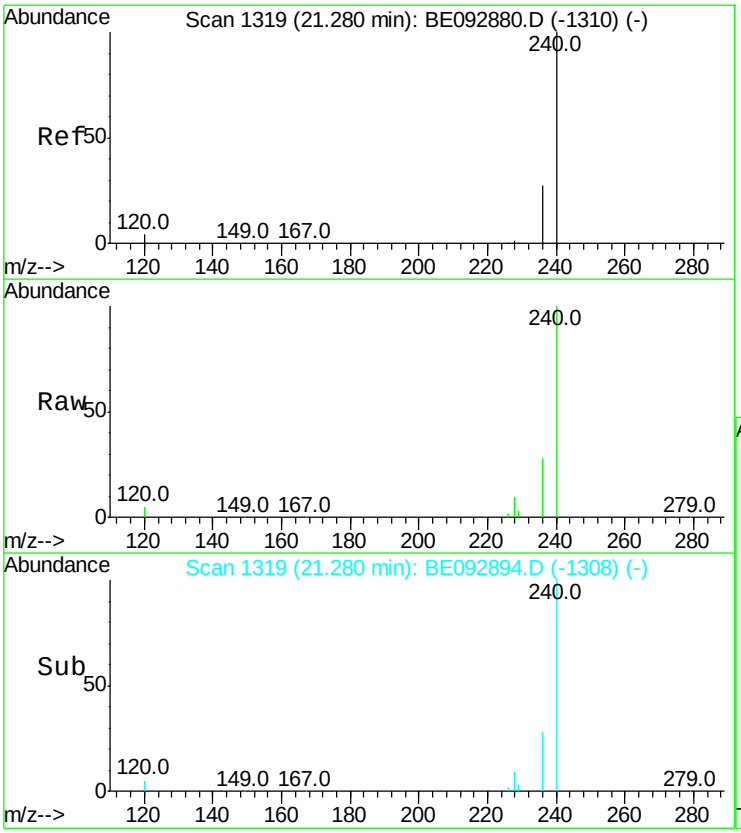
#23
Fluoranthene
Concen: 4.54 ng
RT: 19.16 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:202 Resp: 174452

Ion	Ratio	Lower	Upper
202	100		
101	3.3	2.2	3.4
203	17.7	13.7	20.5

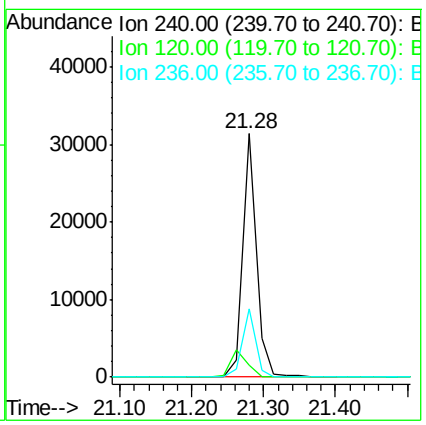


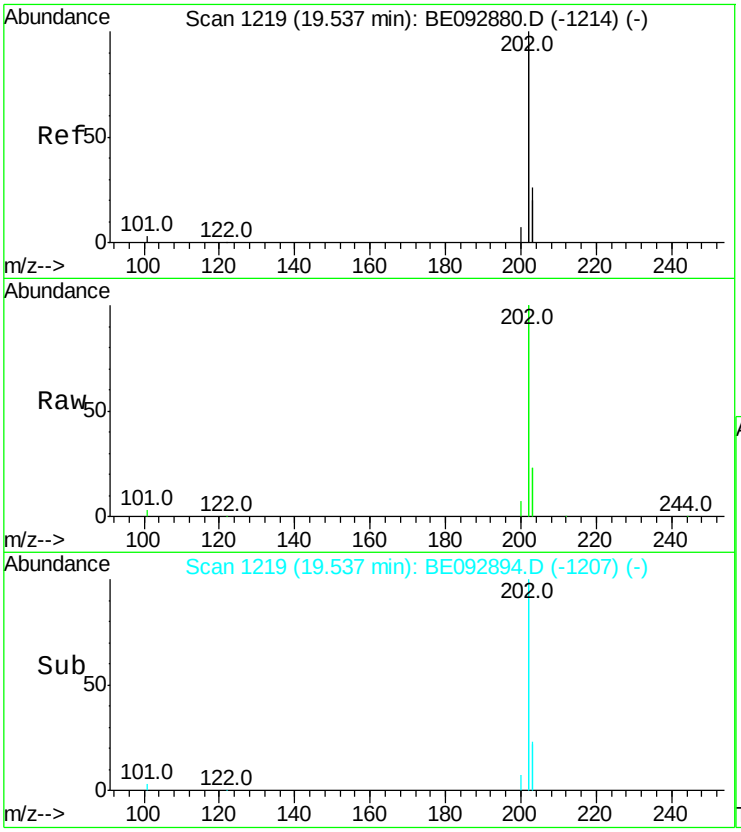


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:240 Resp: 40913

Ion	Ratio	Lower	Upper
240	100		
120	4.7	2.6	4.0#
236	27.8	24.6	37.0



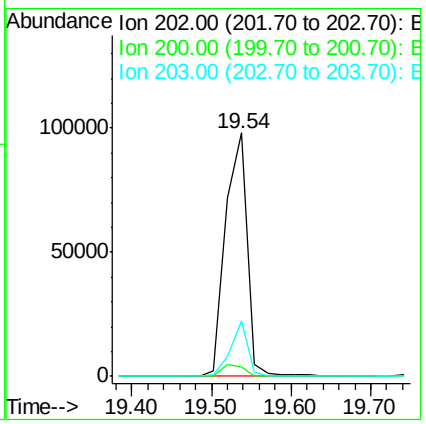


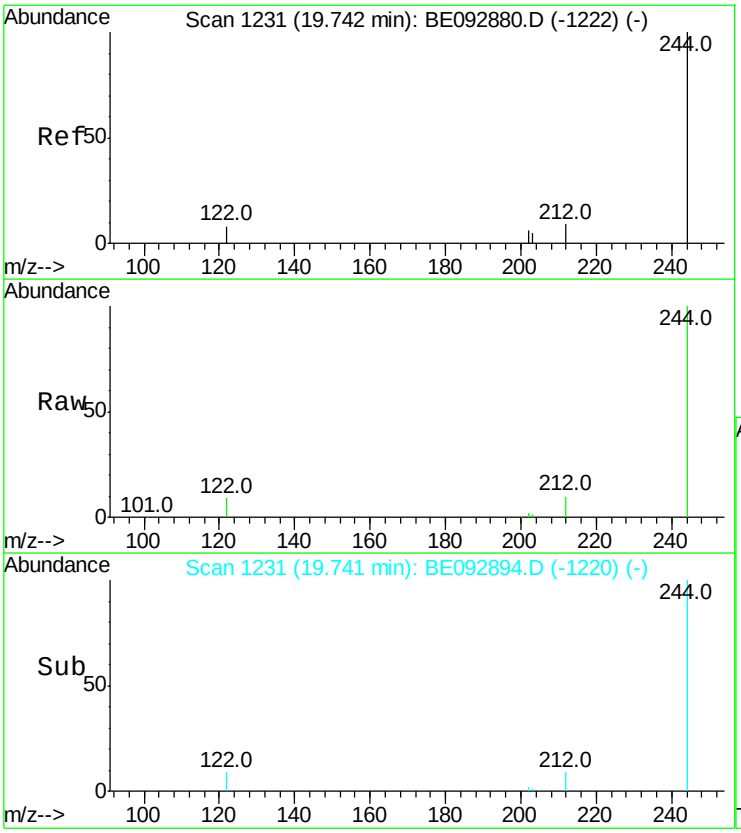
#25
Pyrene
Concen: 4.98 ng
RT: 19.54 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:202 Resp: 181958

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	18.3	13.9	20.9

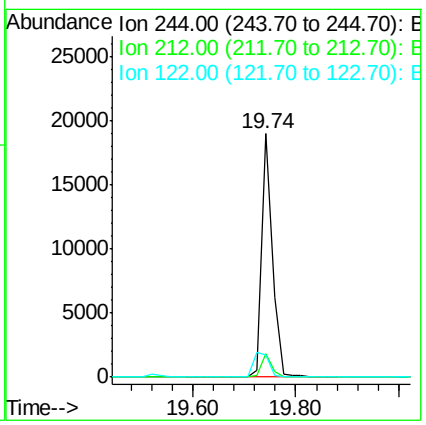


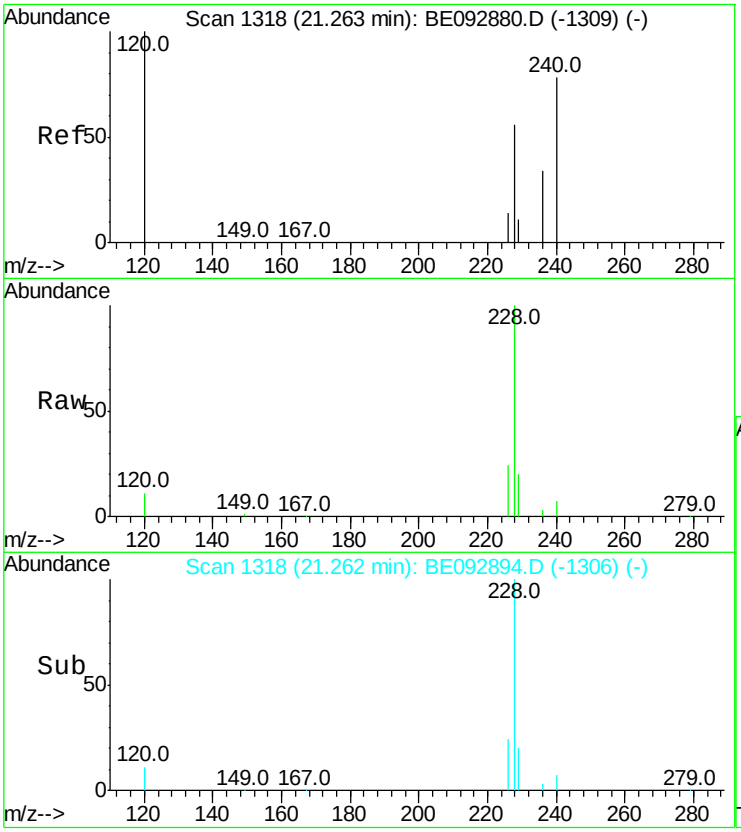


#26
Terphenyl-d14
Concen: 4.22 ng
RT: 19.74 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:244 Resp: 26513

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.7	10.1
122	9.3	3.6	5.4#



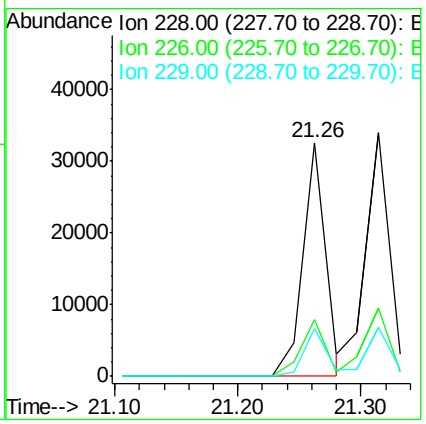


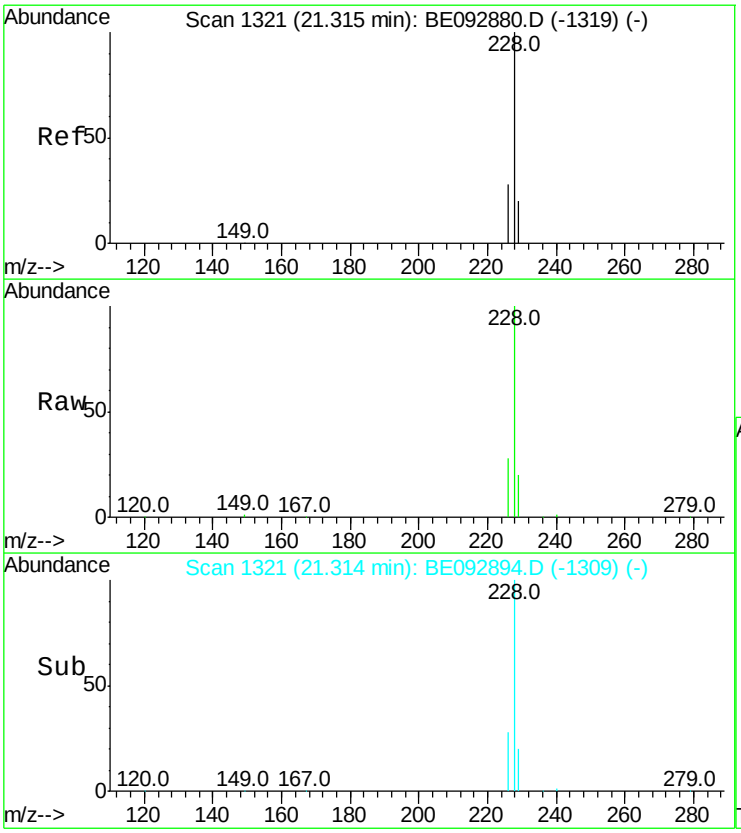
#27
Benzo(a)anthracene
Concen: 4.74 ng
RT: 21.26 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:228 Resp: 41844

Ion	Ratio	Lower	Upper
228	100		
226	24.5	23.6	35.4
229	20.3	13.3	19.9#

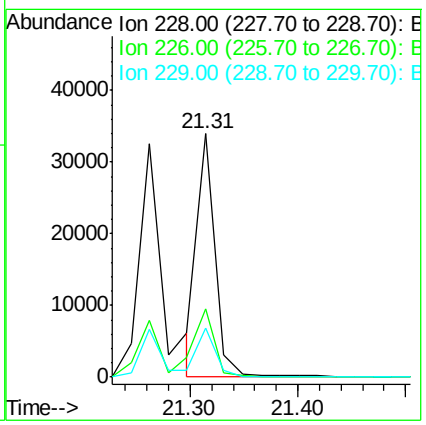


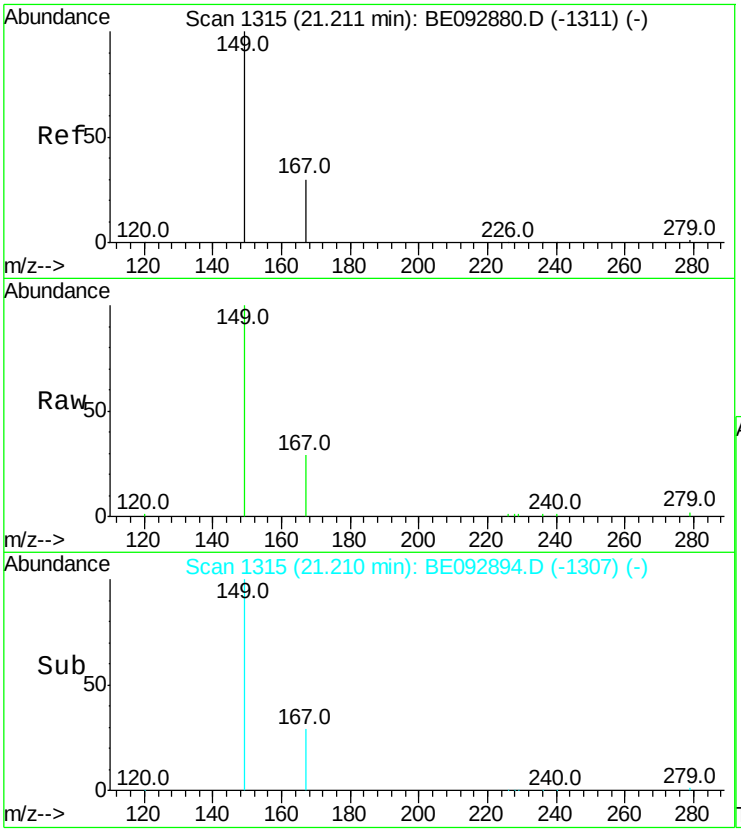


#28
Chrysene
Concen: 3.81 ng
RT: 21.31 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:228 Resp: 39042

Ion	Ratio	Lower	Upper
228	100		
226	28.2	36.3	54.5#
229	20.2	10.6	16.0#



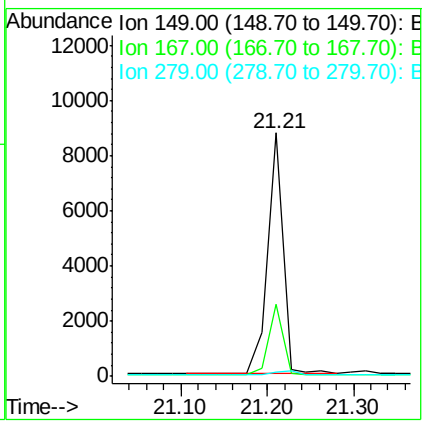


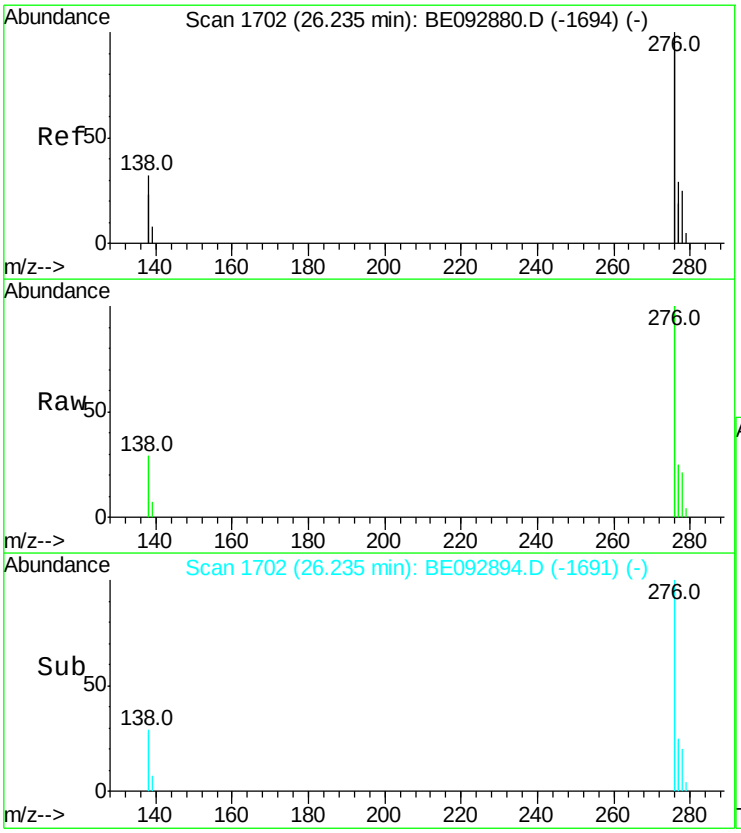
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.83 ng
RT: 21.21 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:149 Resp: 11049

Ion	Ratio	Lower	Upper
149	100		
167	27.1	16.0	24.0#
279	2.3	16.0	24.0#

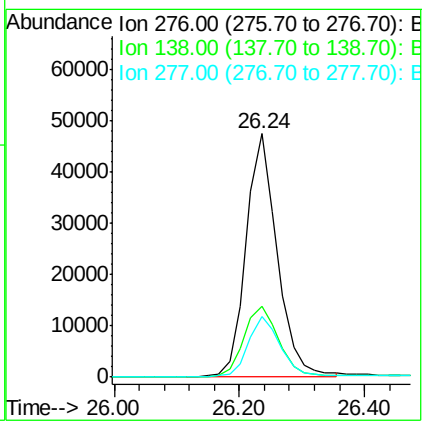


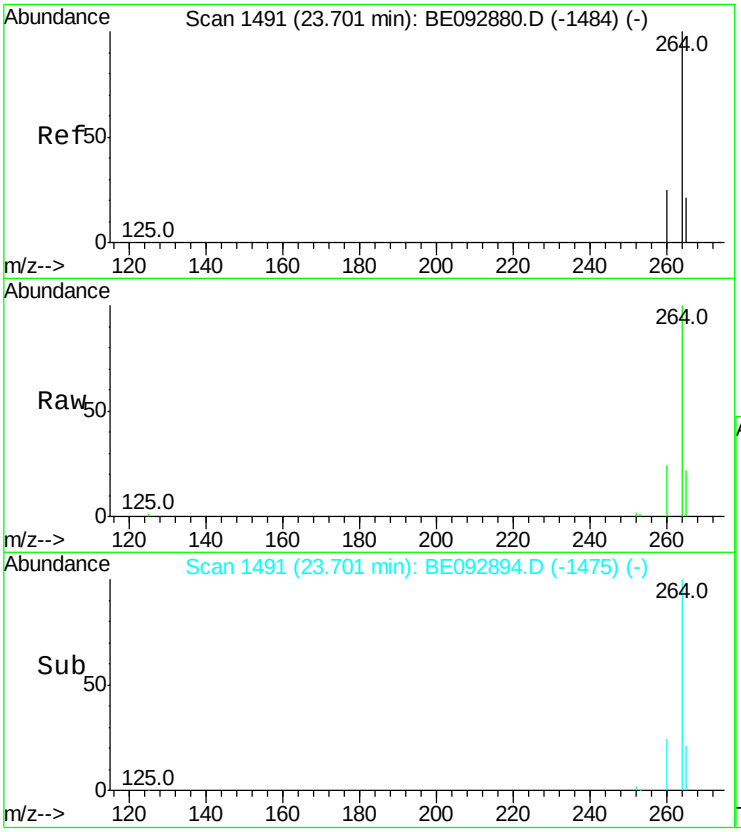


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.74 ng
RT: 26.24 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:276 Resp: 161680

Ion	Ratio	Lower	Upper
276	100		
138	31.9	20.3	30.5#
277	25.2	19.7	29.5



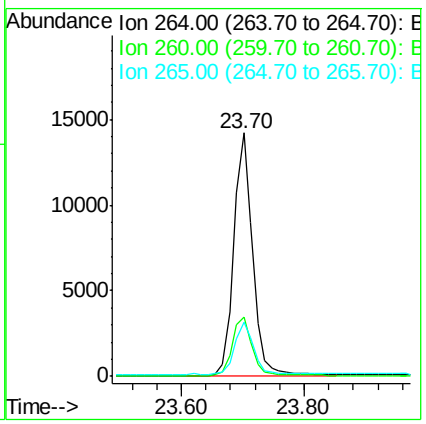


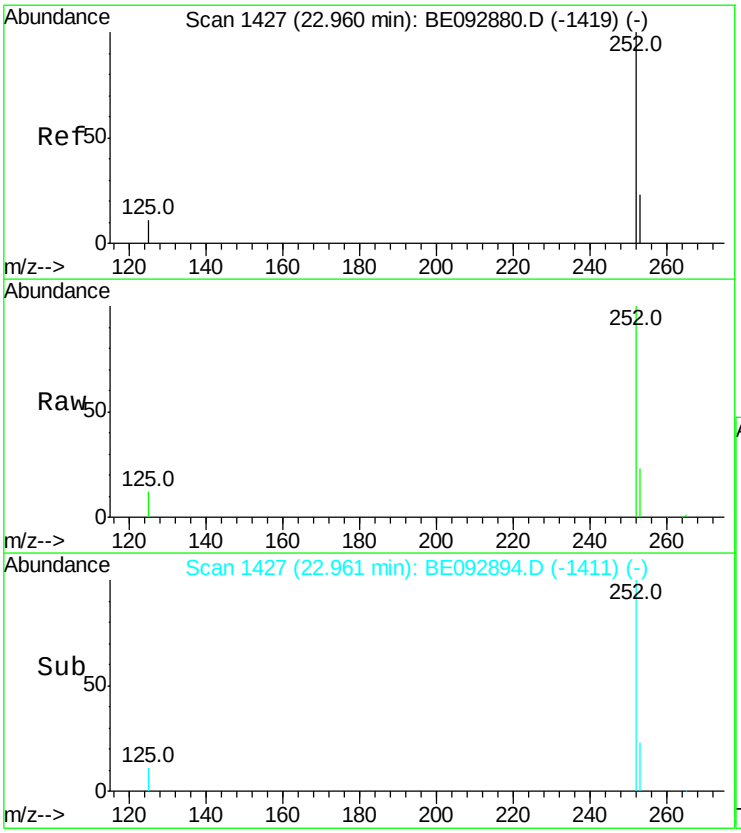
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:264 Resp: 30333

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.1	17.9	26.9

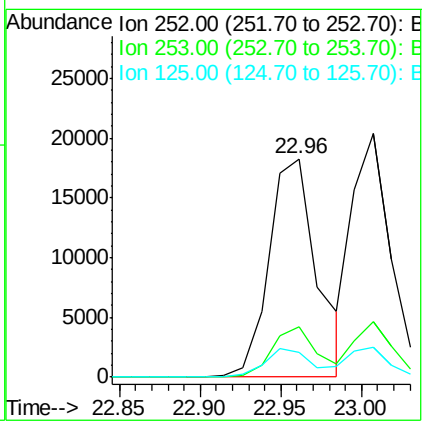


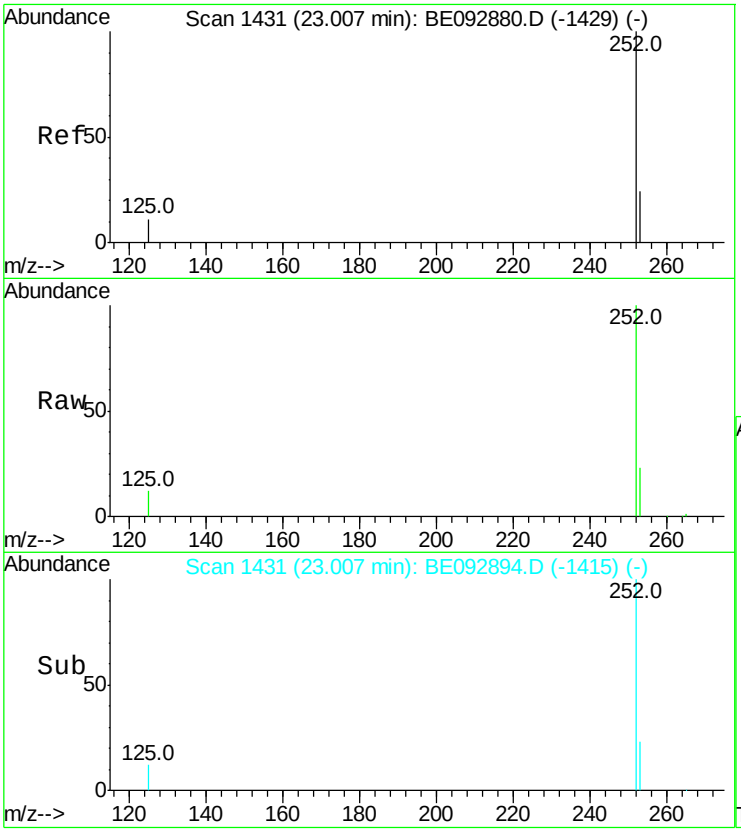


#32
Benzo(b)fluoranthene
Concen: 5.04 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:252 Resp: 37815

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	11.6	10.5	15.7



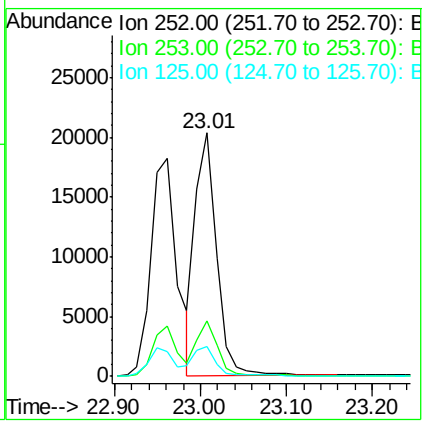


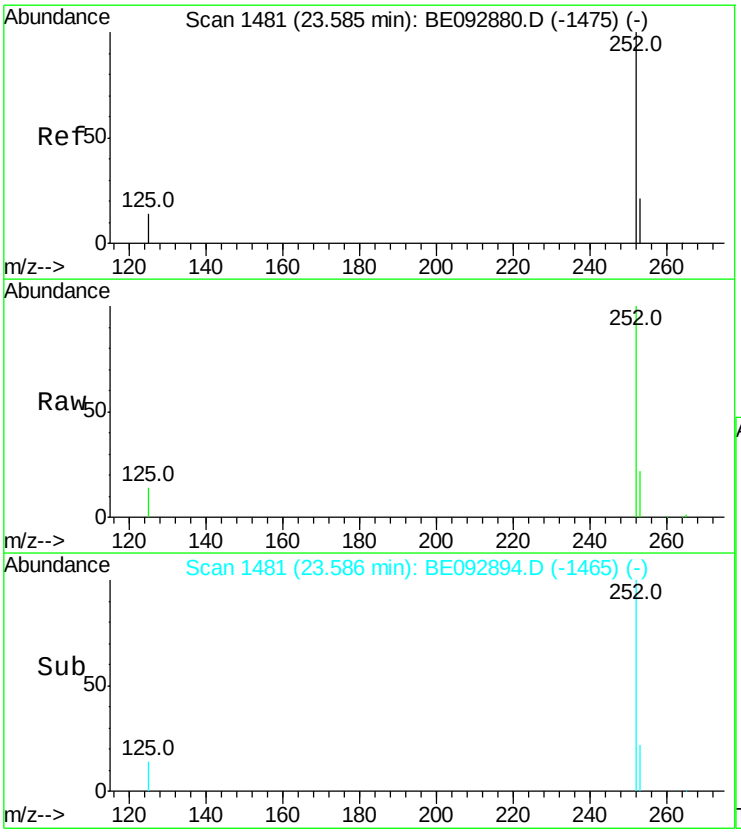
#33
Benzo(k)fluoranthene
Concen: 5.09 ng
RT: 23.01 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:252 Resp: 34563

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	12.0	9.6	14.4

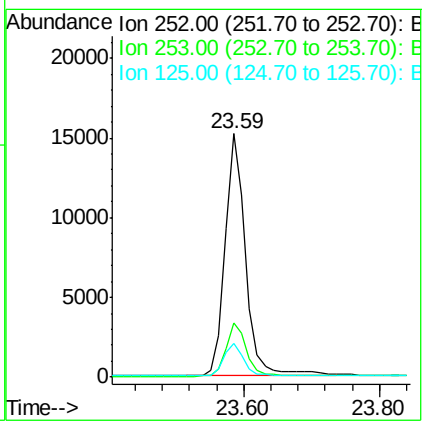


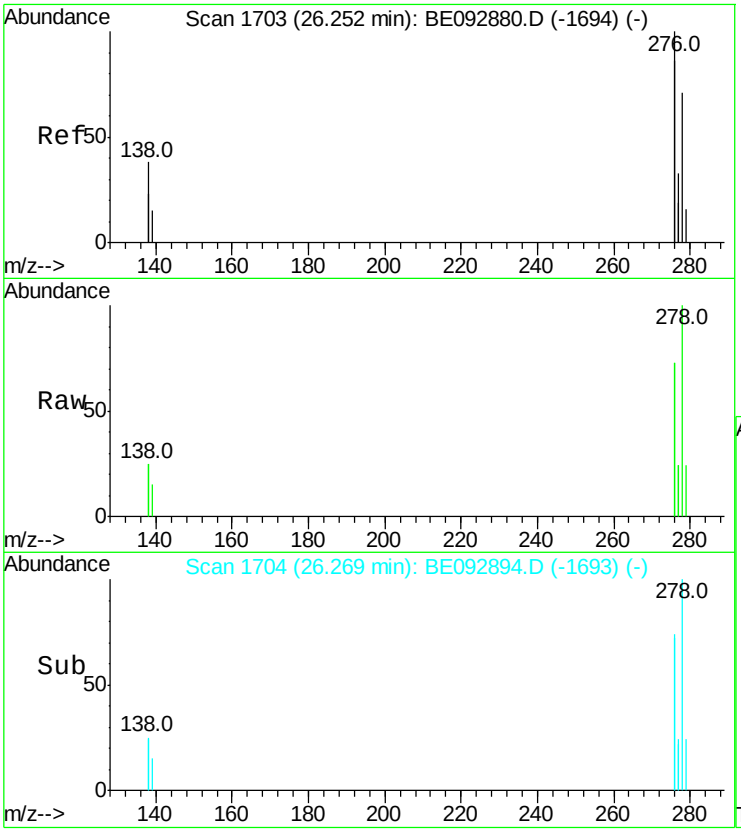


#34
Benzo(a)pyrene
Concen: 5.60 ng
RT: 23.59 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:252 Resp: 32636

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.6
125	13.9	11.8	17.8



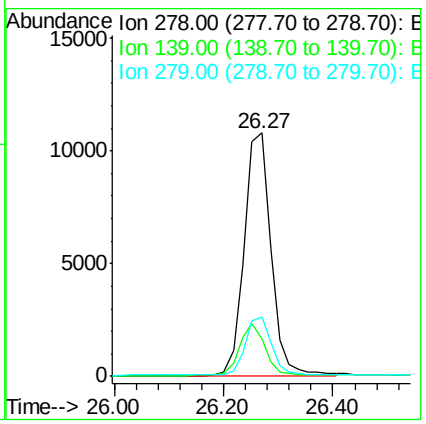


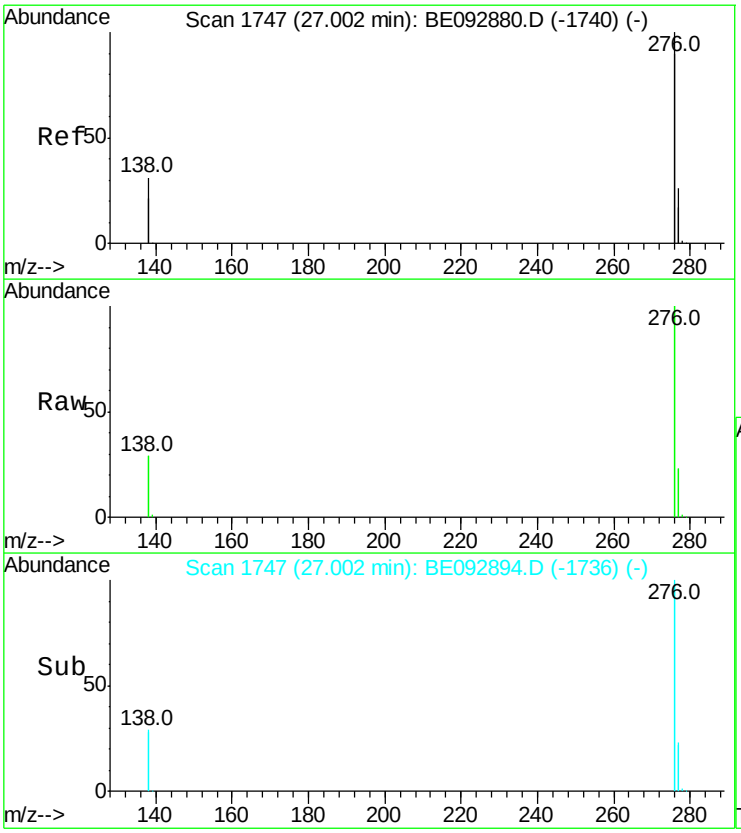
#35
Dibenzo(a,h)anthracene
Concen: 5.44 ng
RT: 26.27 min Scan# 1704
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Instrument :
BNA_E
ClientSampleId :
PB98124BSD

Tgt Ion:278 Resp: 36373

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.8	20.8
279	24.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 5.09 ng
RT: 27.00 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BE092894.D
Acq: 7 Apr 2017 14:32

Tgt Ion:276 Resp: 138940

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.8	29.8
138	29.2	19.8	29.6