Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092671.D
Acq On : 24 Jan 2017 18:31
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:07:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10891	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	50946	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	34452	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	75060	5.00	ng		0.00
24) Chrysene-d12	21.72	240	88279	5.00	ng		0.00
31) Perylene-d12	24.07	264	93419	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	693	0.29	ng		0.02
5) Phenol-d6	7.36	99	916	0.31	ng		0.02
8) Nitrobenzene-d5	9.34	82	1017	0.31	ng		0.00
13) 2,4,6-Tribromophenol	16.33	330	313	0.43	ng		0.03
14) 2-Fluorobiphenyl	13.42	172	3179	0.38	ng		0.00
26) Terphenyl-d14	20.16	244	4449	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	589	0.34	ng		91
3) n-Nitrosodimethylamine	3.79	42	451	0.23	ng	#	93
6) bis(2-Chloroethyl)ether	7.59	93	925	0.29	ng	#	29
9) Naphthalene	10.97	128	4140	0.39	ng		100
10) Hexachlorobutadiene	11.26	225	616	0.39	ng		99
11) 2-Methylnaphthalene	12.62	142	2440	0.37	ng		95
15) Acenaphthylene	14.51	152	17787	0.37	ng		100
16) Acenaphthene	14.85	154	3046	0.40	ng		95
17) Fluorene	15.84	166	3612	0.38	ng		99
19) Hexachlorobenzene	16.87	284	1407	0.49	ng	#	68
21) Phenanthrene	17.58	178	6925	0.42	ng	#	95
22) Anthracene	17.69	178	5873	0.38	ng		99
23) Fluoranthene	19.59	202	29625	0.40	ng		99
25) Pyrene	19.95	202	31548	0.36	ng		99
27) Benzo(a)anthracene	21.75	228	72018	0.83	ng		98
28) Chrysene	21.75	228	72301	0.74	ng	#	79
29) Bis(2-ethylhexyl)phthalate	21.61	149	3426	0.40	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.55	276	37824	0.36	ng		99
32) Benzo(b)fluoranthene	23.35	252	8755	0.39	ng		97
33) Benzo(k)fluoranthene	23.39	252	8581	0.38	ng		98
34) Benzo(a)pyrene	23.96	252	7852	0.37	ng		98
35) Dibenzo(a,h)anthracene	26.58	278	7600	0.37	ng		99
36) Benzo(g,h,i)perylene	27.31	276	32887	0.37	ng		99

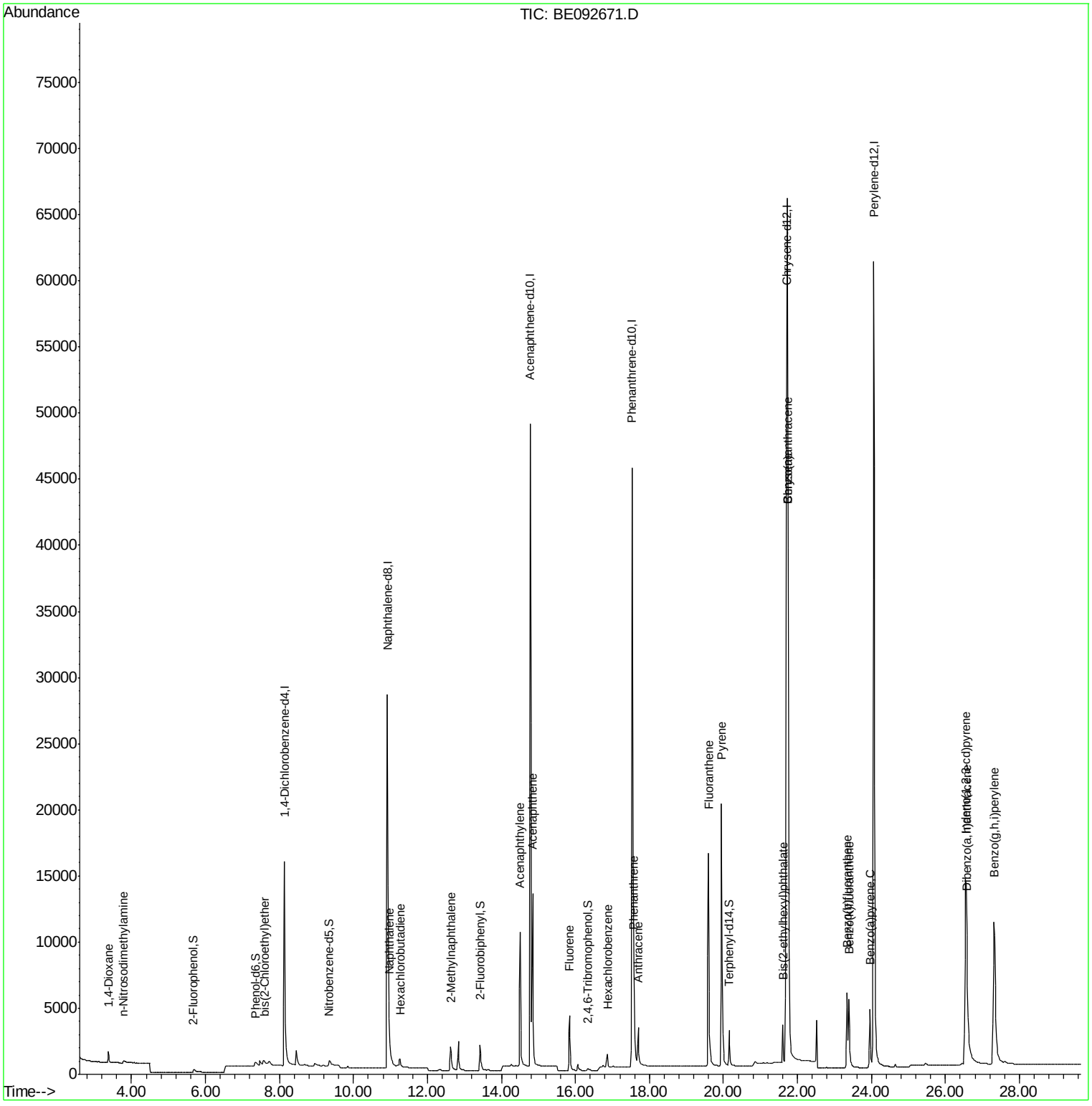
(#) = qualifier out of range (m) = manual integration (+) = signals summed

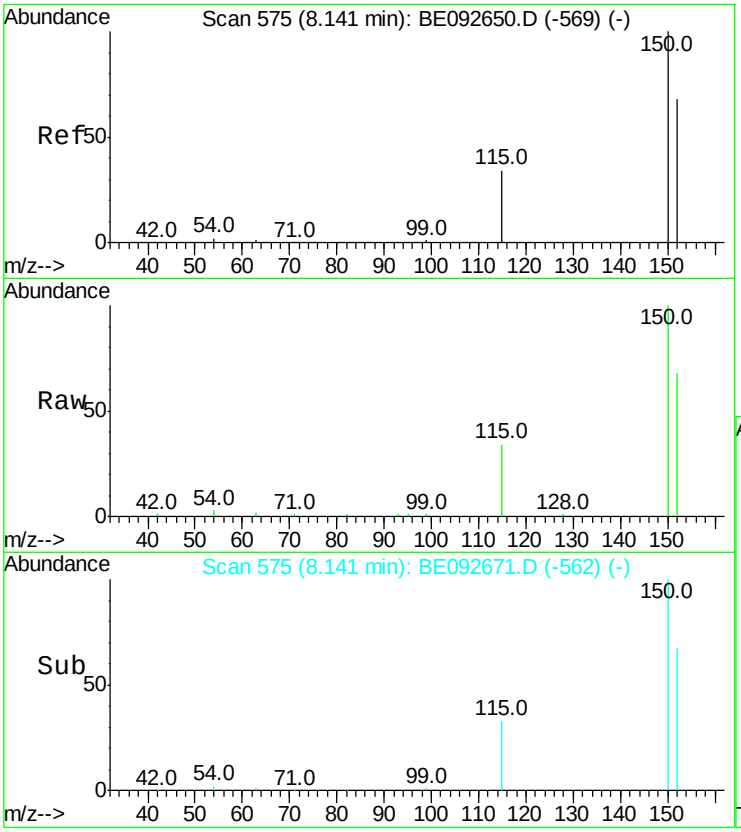
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092671.D
Acq On : 24 Jan 2017 18:31
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 25 11:07:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



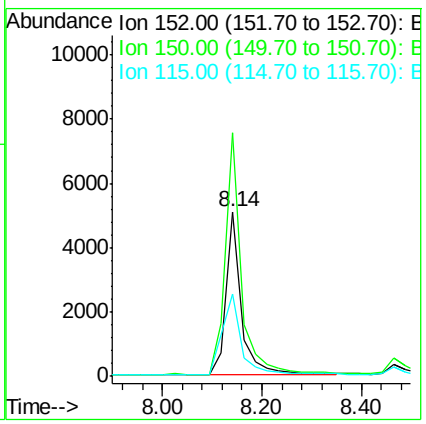


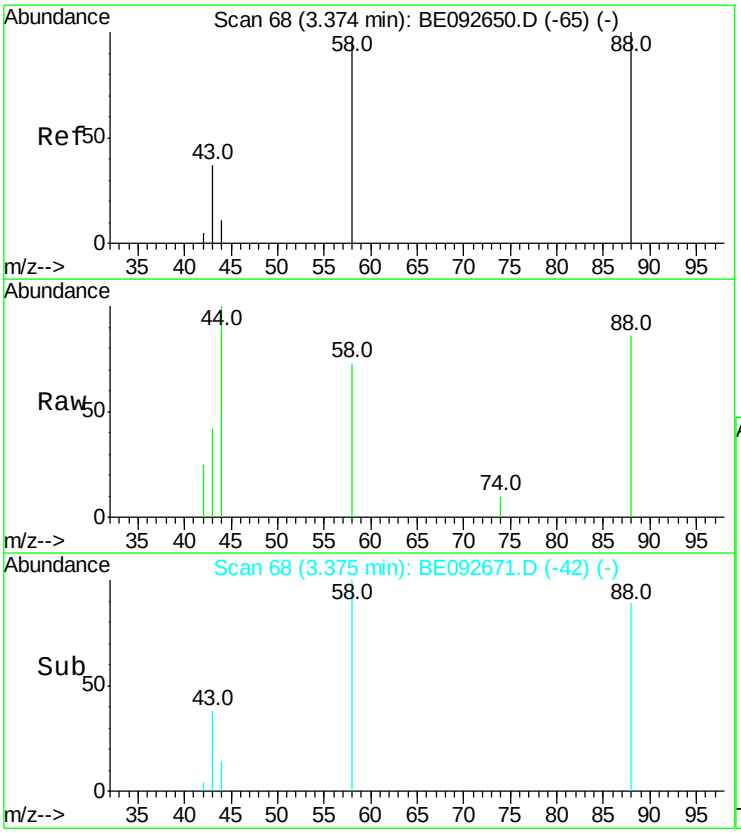
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10891

Ion	Ratio	Lower	Upper
152	100		
150	147.7	106.0	159.0
115	49.6	31.2	46.8#

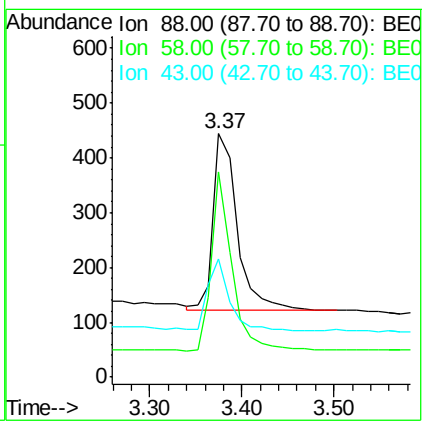


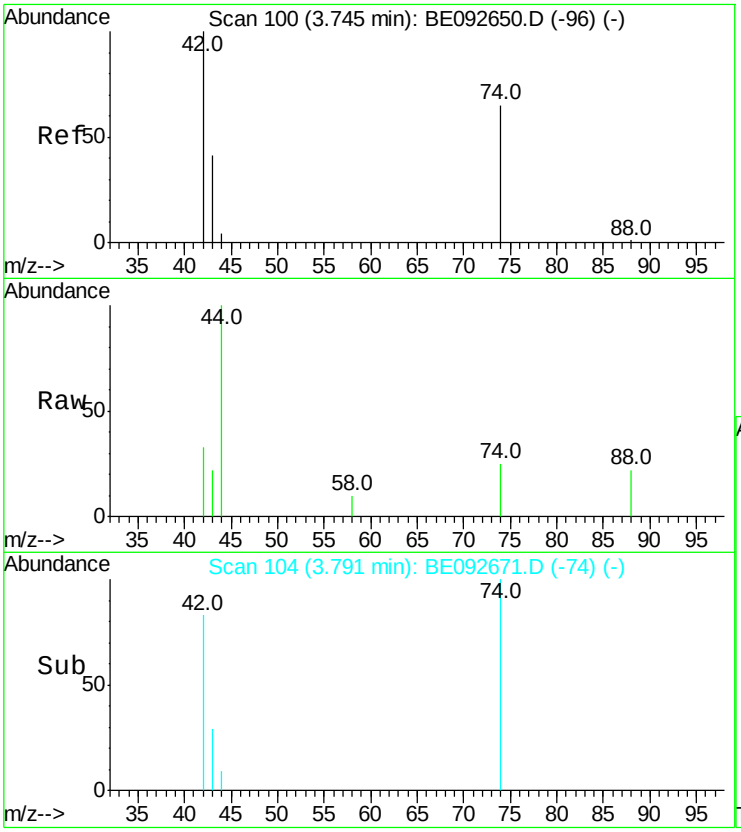


#2
1,4-Dioxane
Concen: 0.34 ng
RT: 3.37 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion: 88 Resp: 589

Ion	Ratio	Lower	Upper
88	100		
58	87.6	63.6	95.4
43	39.0	28.0	42.0



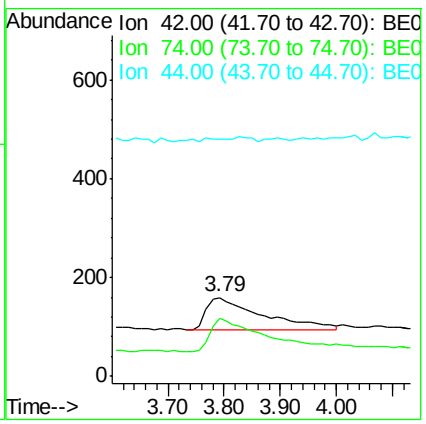


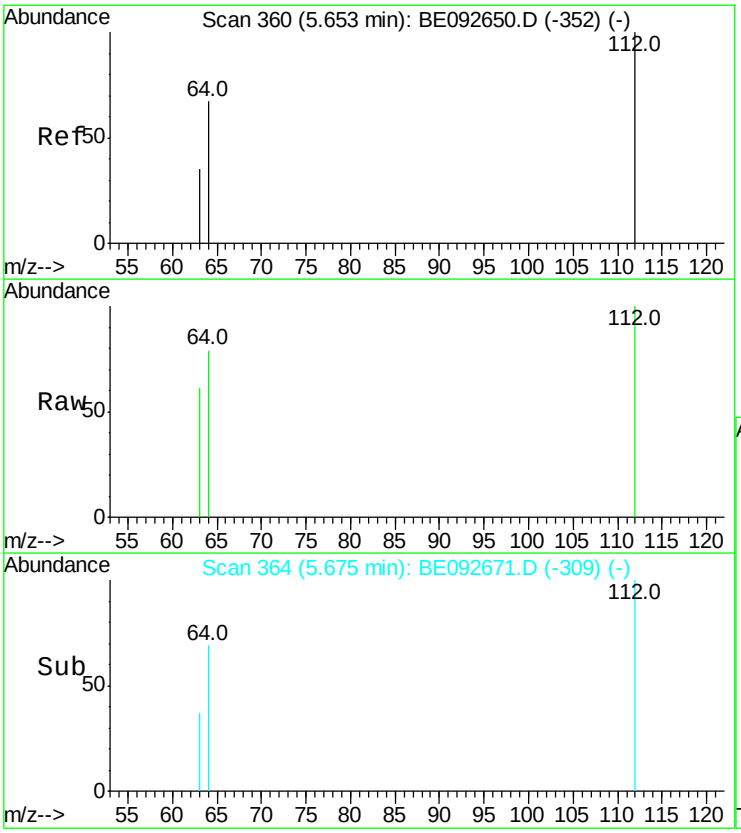
#3
n-Nitrosodimethylamine
Concen: 0.23 ng
RT: 3.79 min Scan# 104
Delta R.T. 0.05 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 451

Ion	Ratio	Lower	Upper
42	100		
74	100.4	86.0	129.0
44	0.0	5.1	7.7#

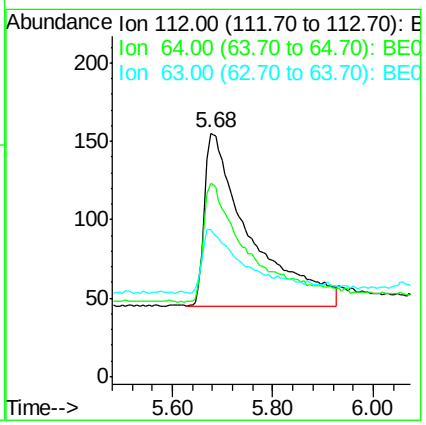


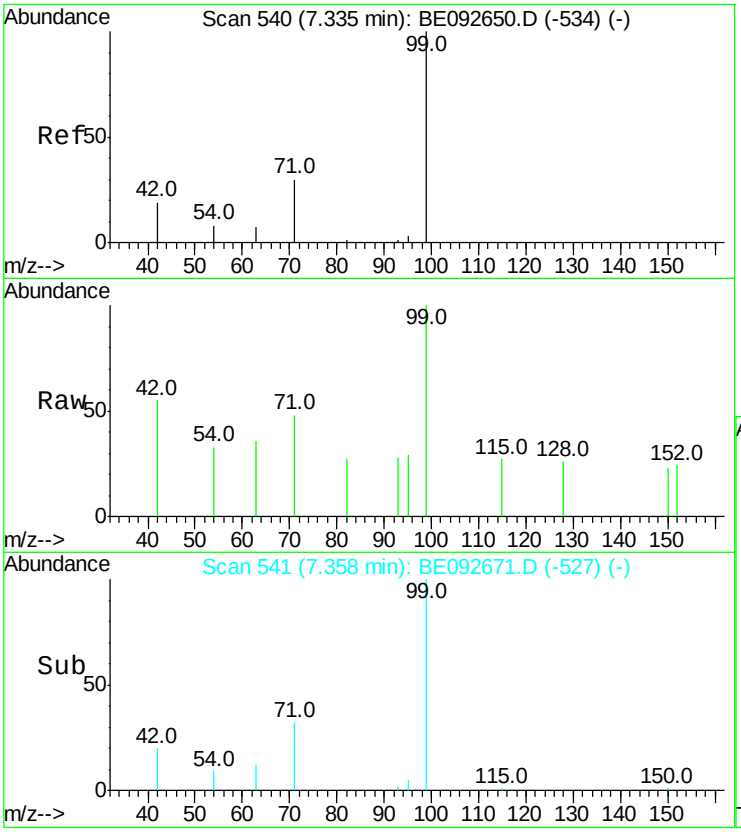


#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.68 min Scan# 364
Delta R.T. 0.02 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:112 Resp: 693

Ion	Ratio	Lower	Upper
112	100		
64	70.6	53.5	80.3
63	30.7	27.9	41.9



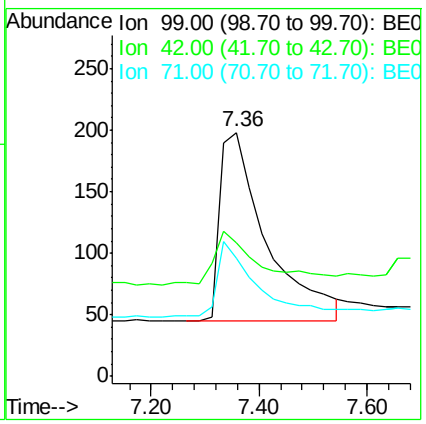


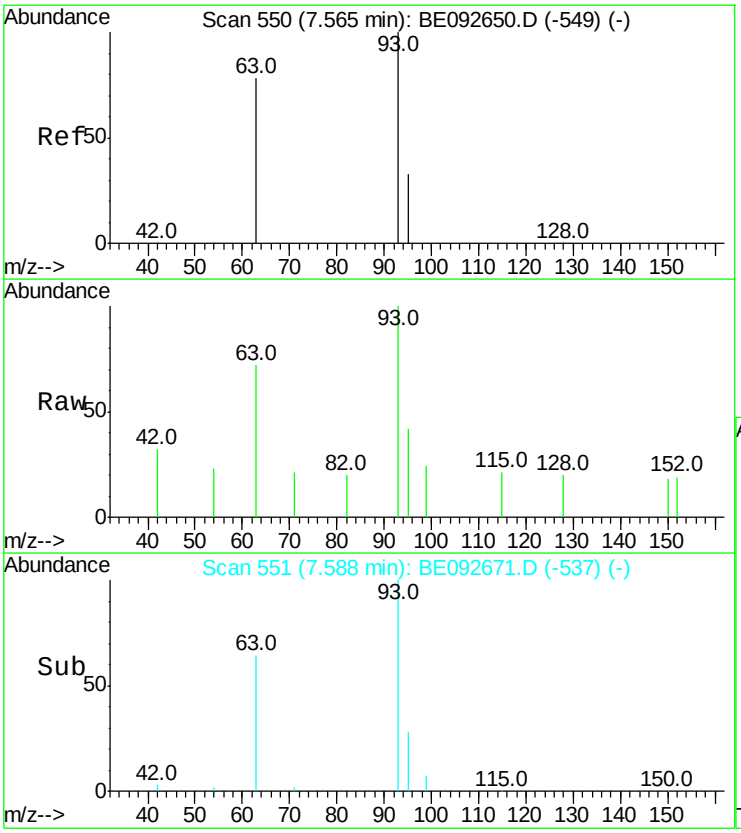
#5
Phenol-d6
Concen: 0.31 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.02 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 916

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

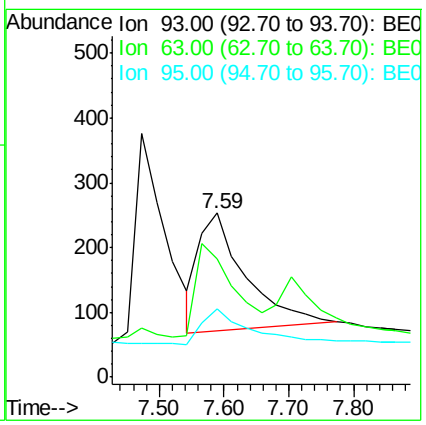


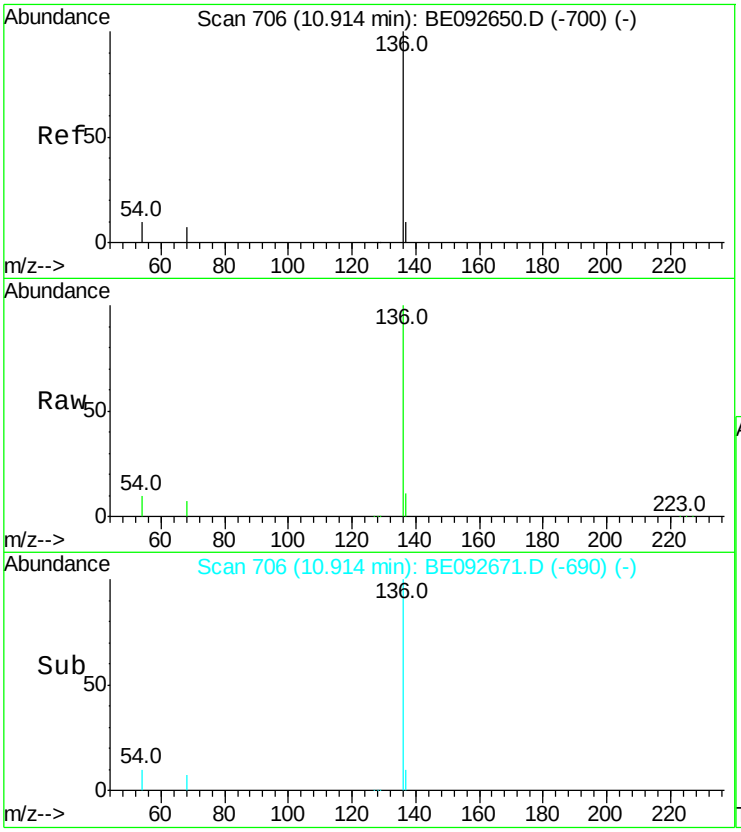


#6
bis(2-Chloroethyl)ether
Concen: 0.29 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.02 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion: 93 Resp: 925

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	29.7	24.0	36.0



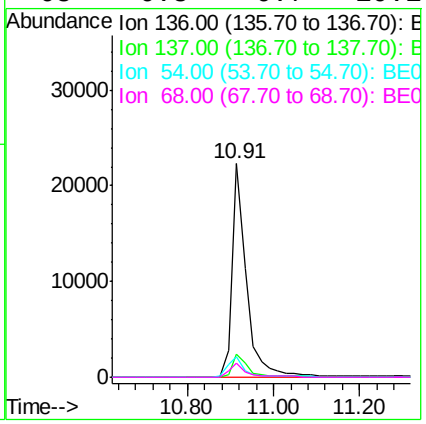


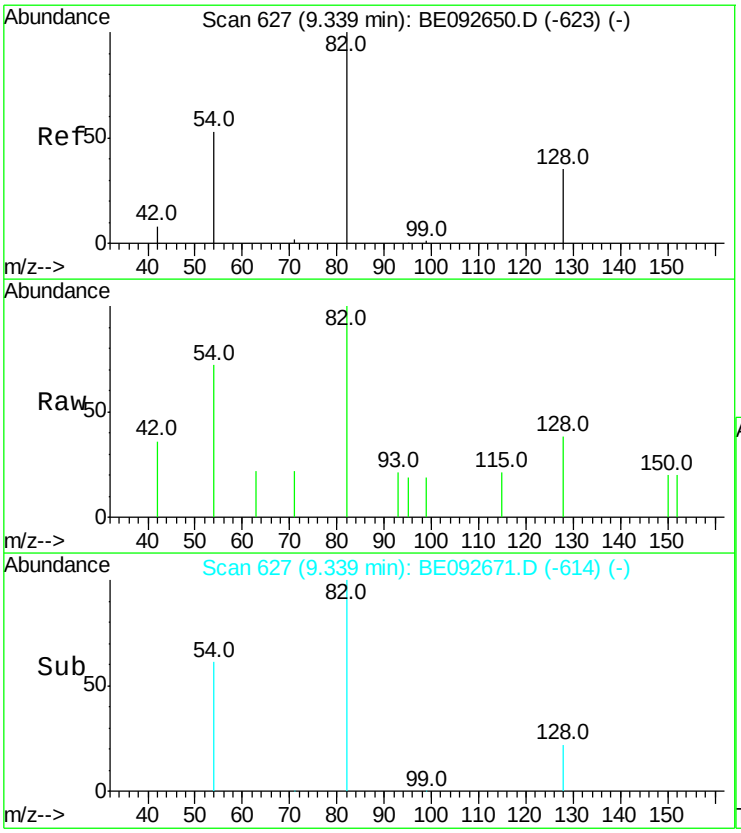
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 50946

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	9.9	9.6	14.4
68	6.8	6.7	10.1

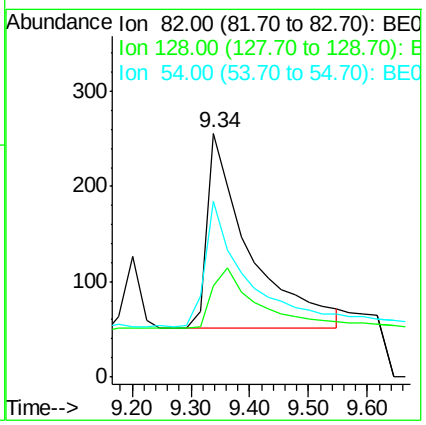


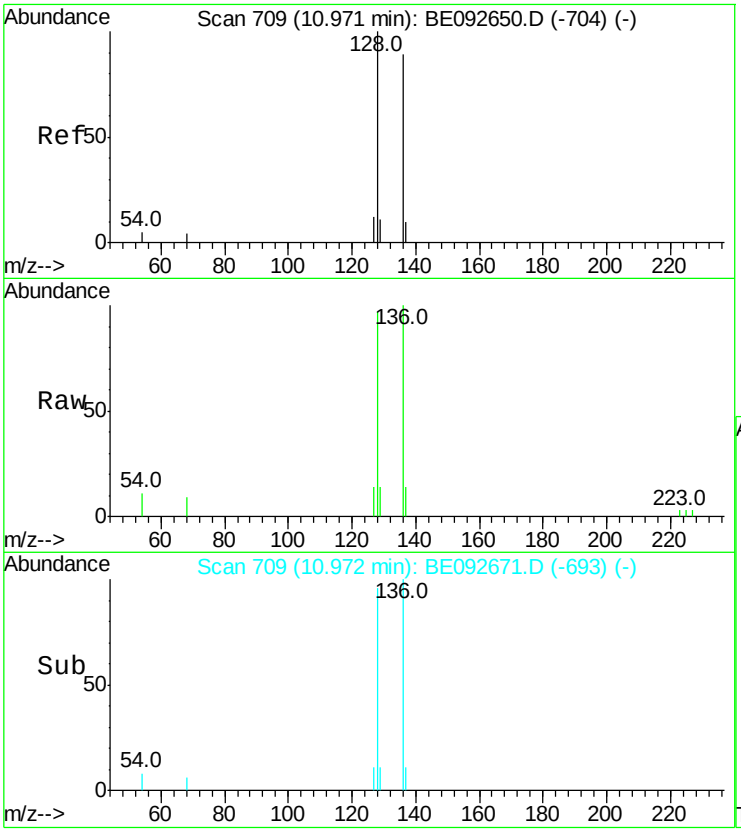


#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 9.34 min Scan# 627
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion: 82 Resp: 1017

Ion	Ratio	Lower	Upper
82	100		
128	37.5	39.0	58.4#
54	72.3	44.8	67.2#



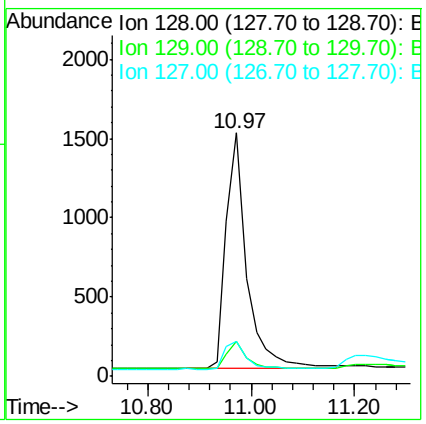


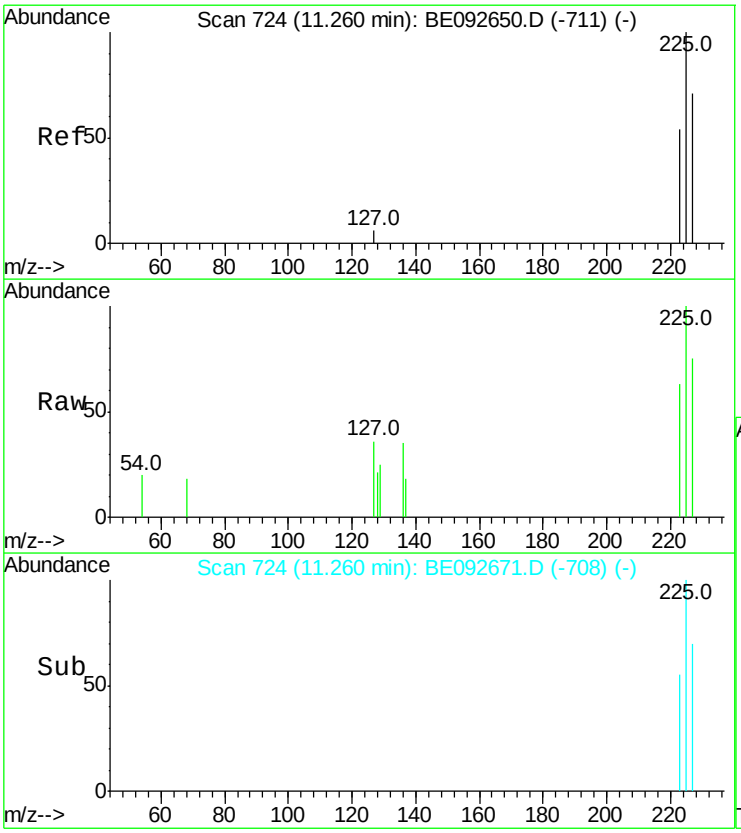
#9
Naphthalene
Concen: 0.39 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4140

Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.2	16.8
127	14.6	11.6	17.4

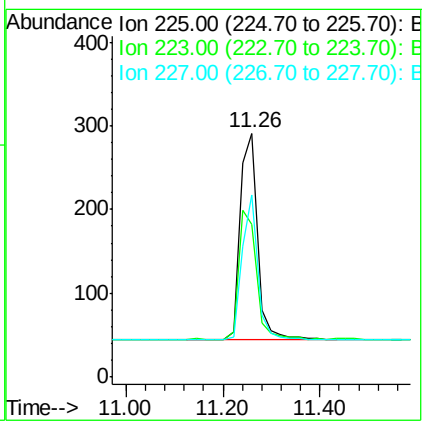


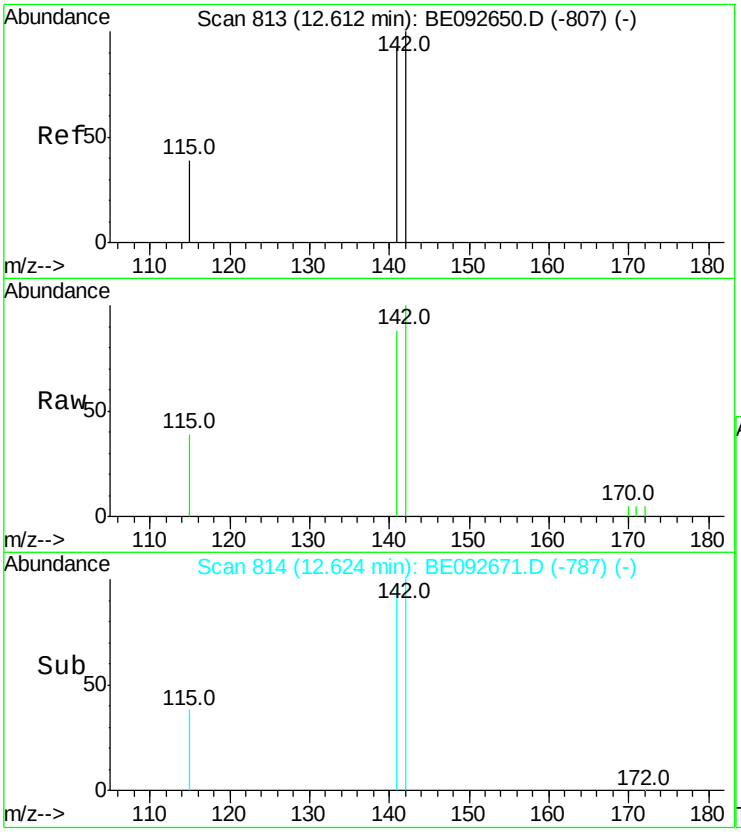


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:225 Resp: 616

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.5	51.4	77.0



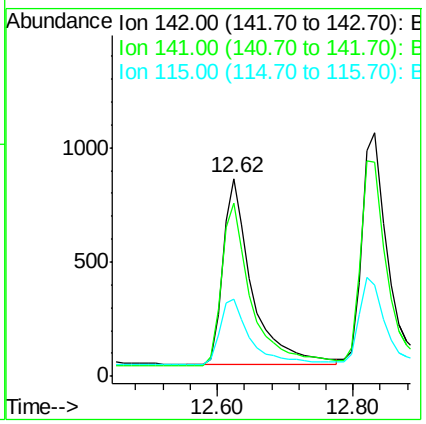


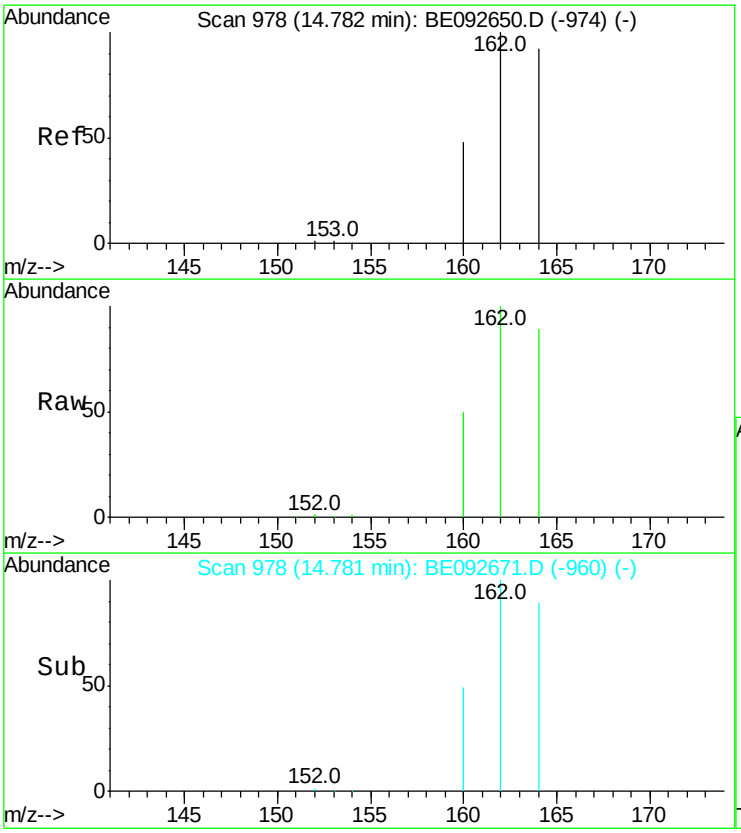
#11
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.62 min Scan# 814
Delta R.T. 0.01 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2440

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.7	110.5
115	39.0	34.0	51.0

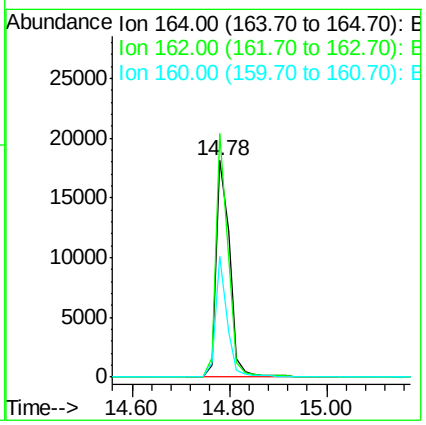


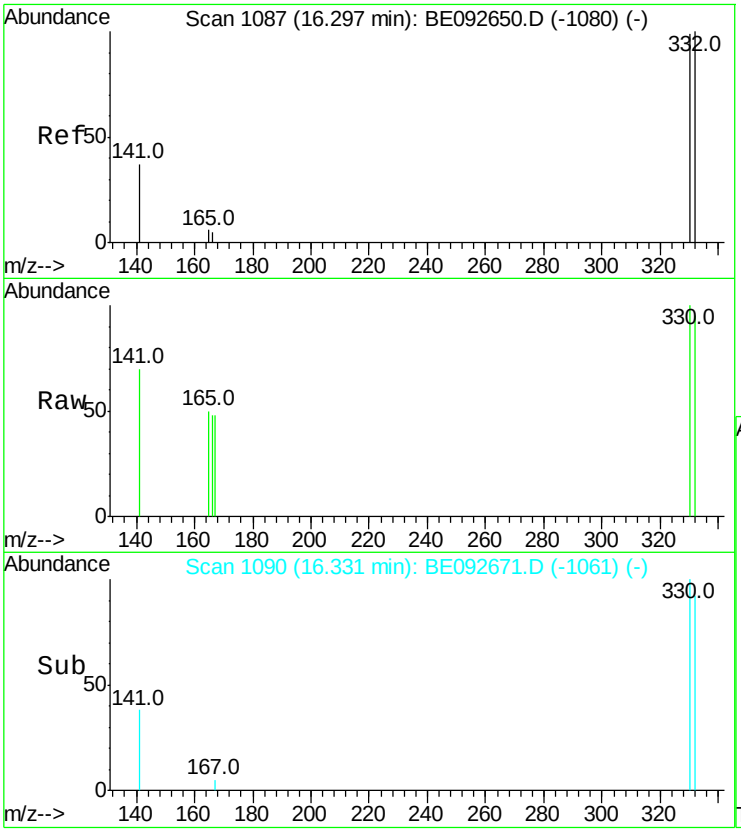


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:164 Resp: 34452

Ion	Ratio	Lower	Upper
164	100		
162	112.6	71.4	107.0#
160	55.8	27.4	41.2#



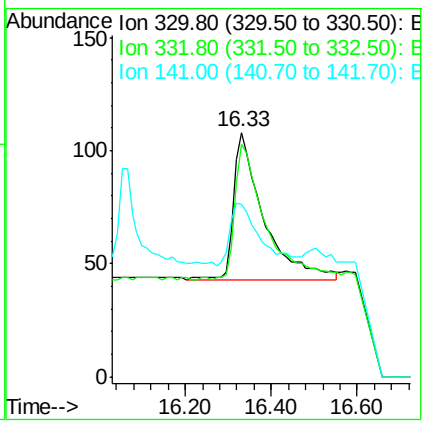


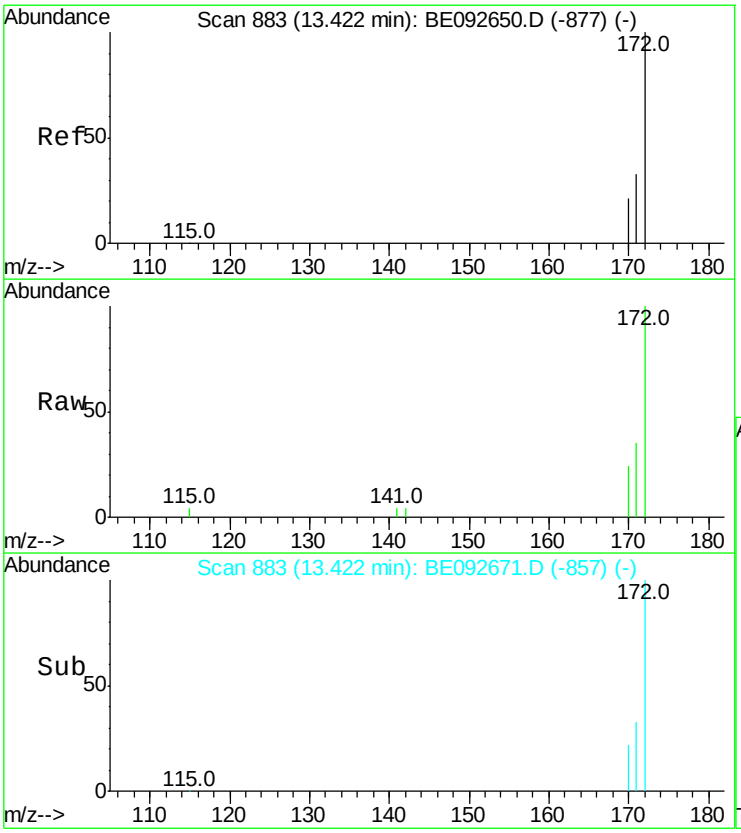
#13
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 16.33 min Scan# 1090
Delta R.T. 0.03 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 313

Ion	Ratio	Lower	Upper
330	100		
332	93.0	75.4	113.0
141	42.8	31.0	46.6

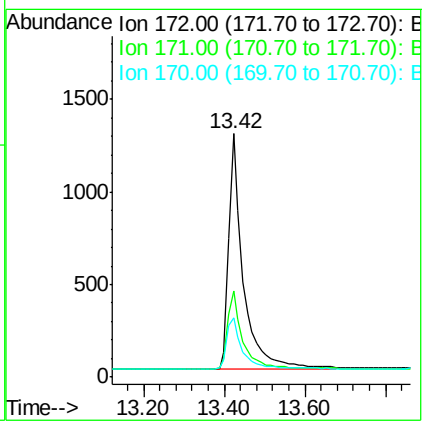


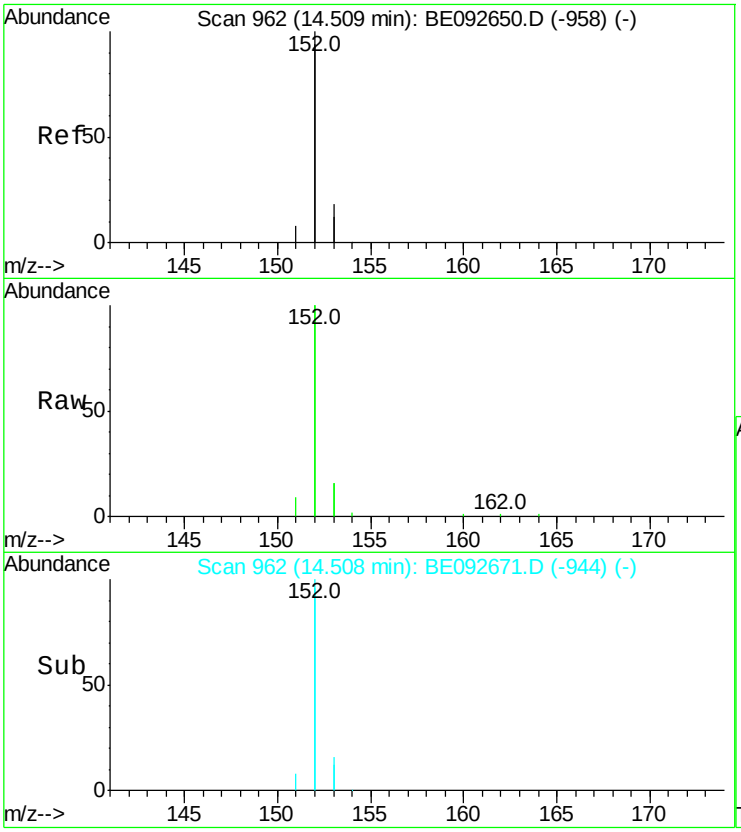


#14
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:172 Resp: 3179

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.1	45.1
170	24.3	21.8	32.6



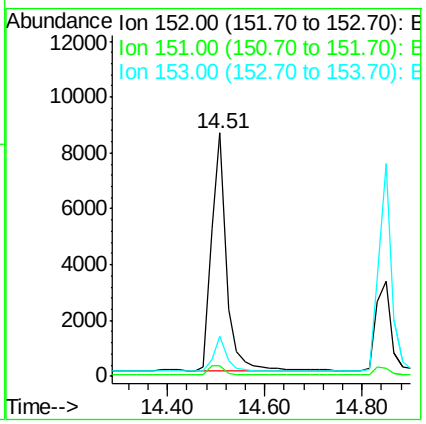


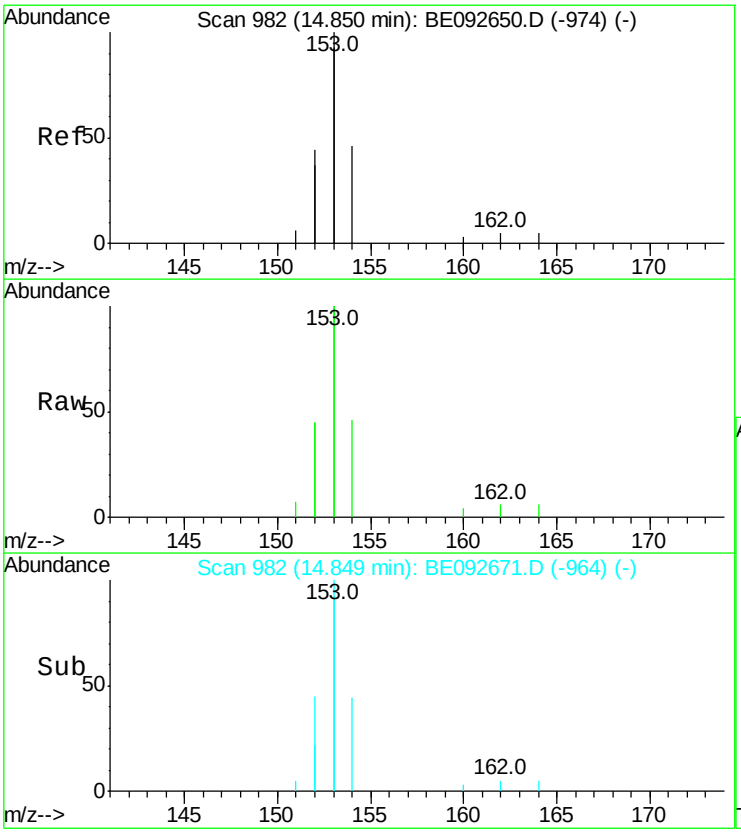
#15
Acenaphthylene
Concen: 0.37 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17787

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

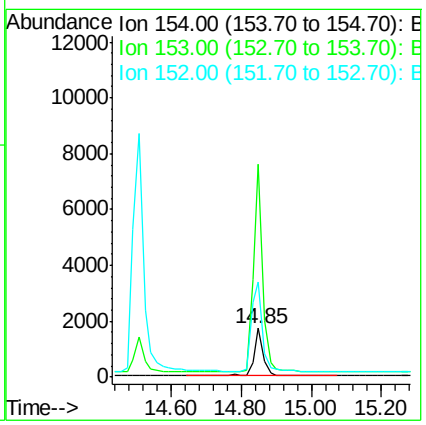


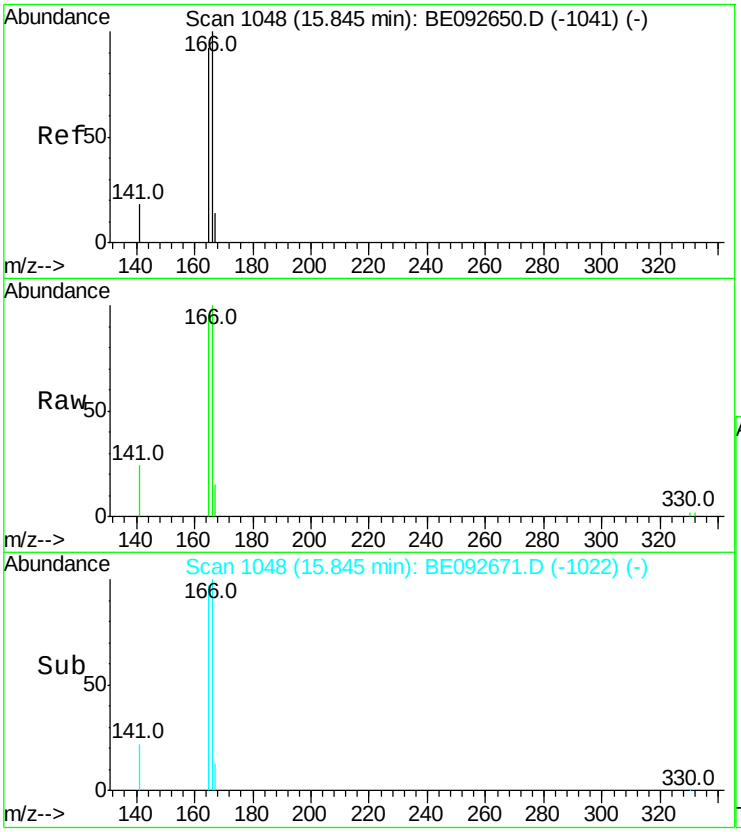


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:154 Resp: 3046

Ion	Ratio	Lower	Upper
154	100		
153	445.8	350.8	526.2
152	228.8	171.1	256.7



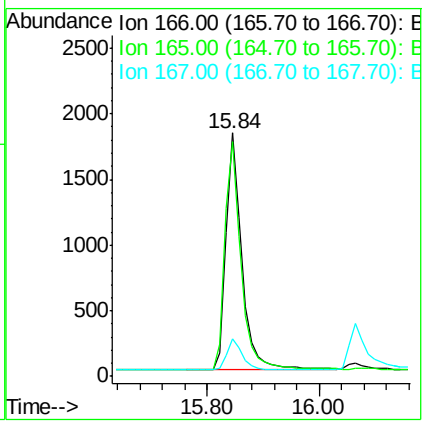


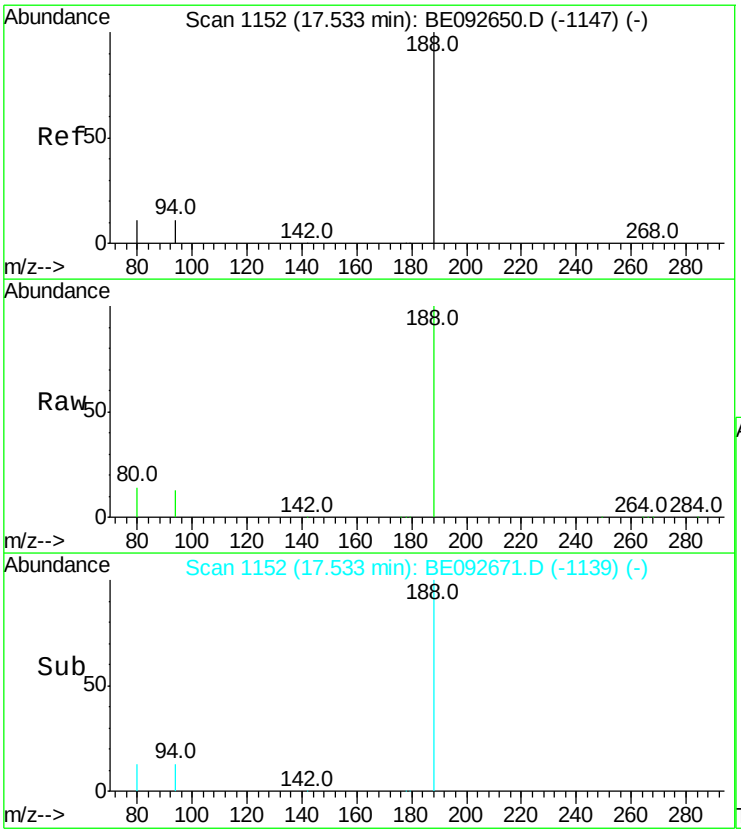
#17
Fluorene
Concen: 0.38 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3612

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.3	11.0	16.4

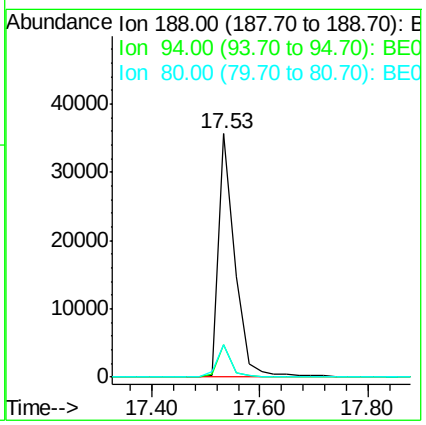


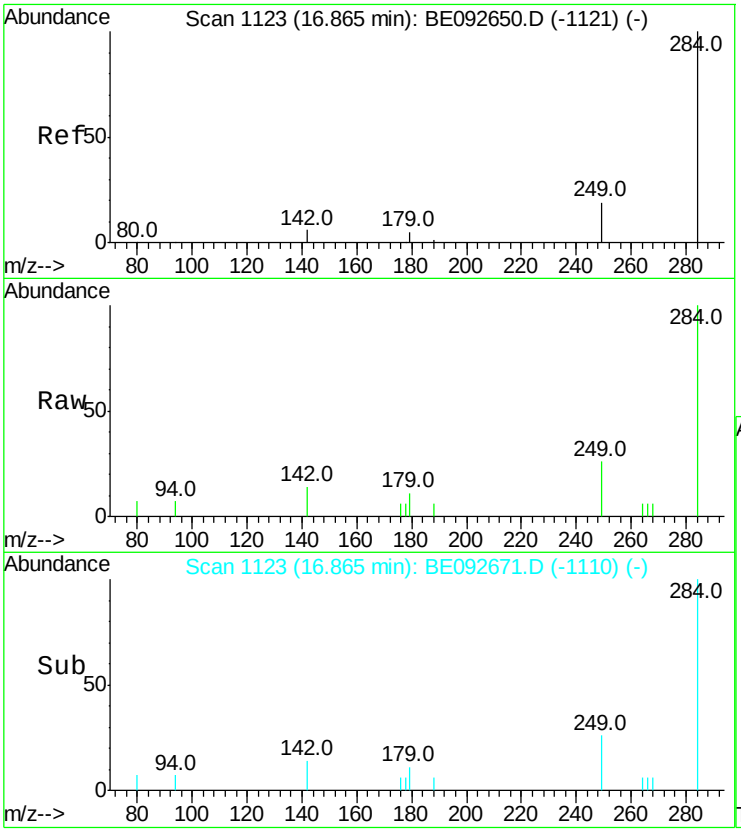


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:188 Resp: 75060

Ion	Ratio	Lower	Upper
188	100		
94	13.5	3.2	4.8#
80	13.5	2.6	3.8#



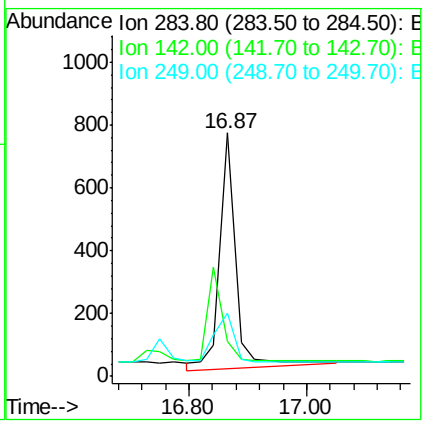


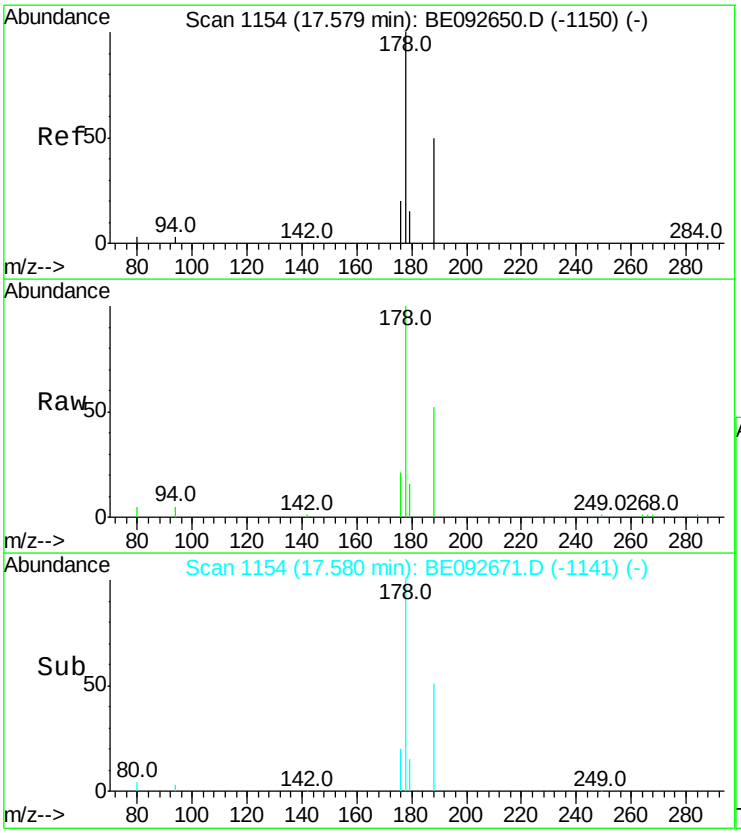
#19
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1407

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	35.5	27.9	41.9

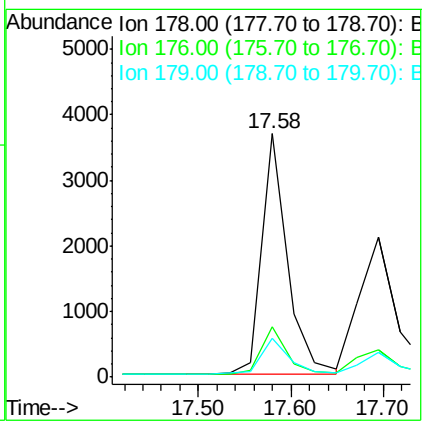


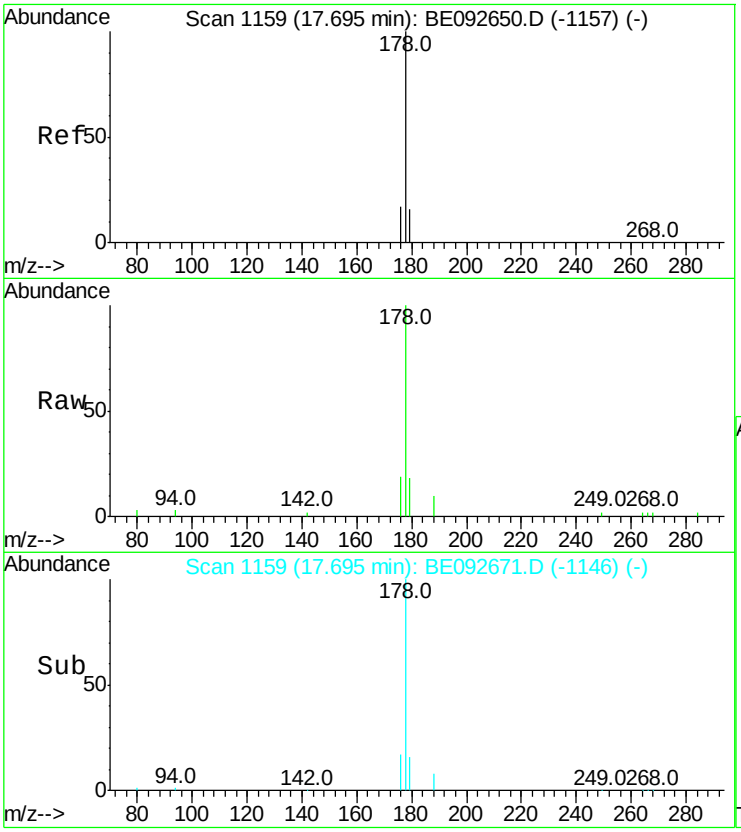


#21
Phenanthrene
Concen: 0.42 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:178 Resp: 6925

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.0	16.0	24.0#



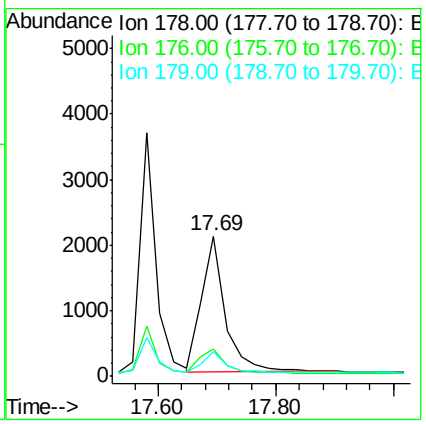


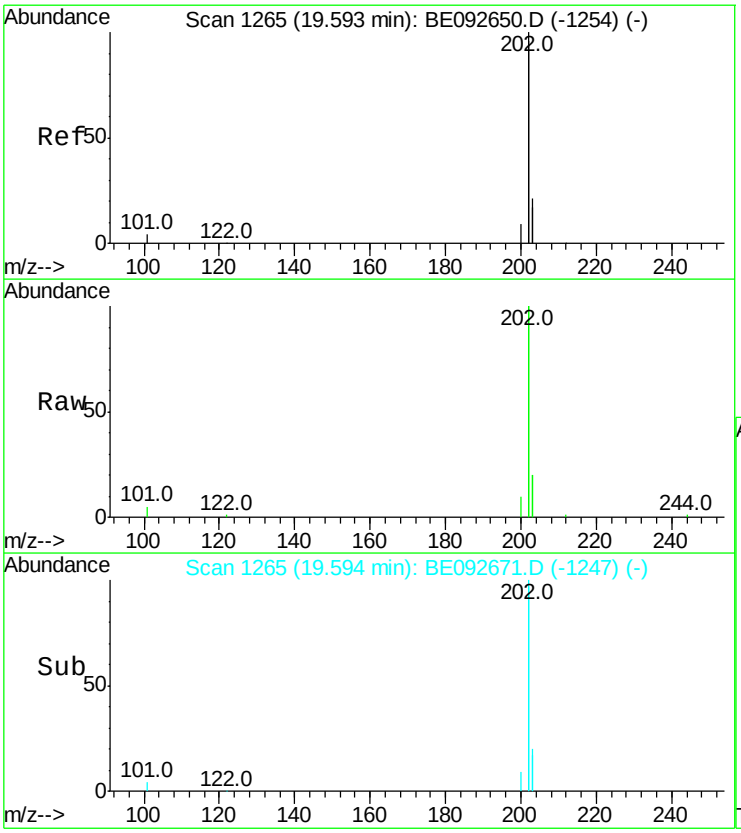
#22
Anthracene
Concen: 0.38 ng
RT: 17.69 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5873

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.3	12.2	18.2

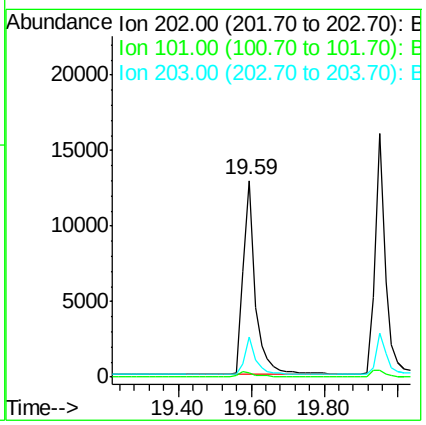


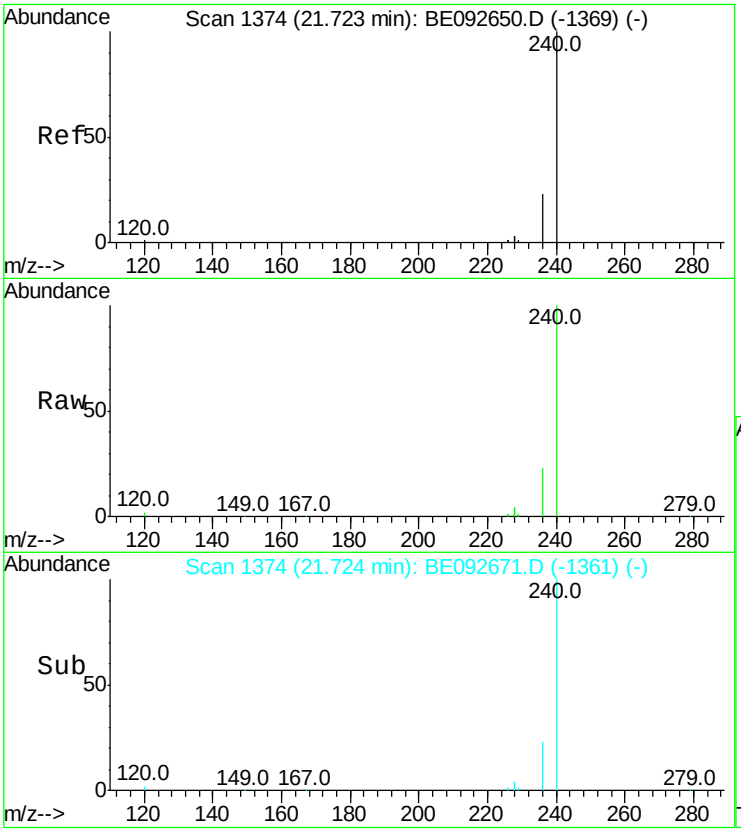


#23
Fluoranthene
Concen: 0.40 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:202 Resp: 29625

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.4	13.7	20.5



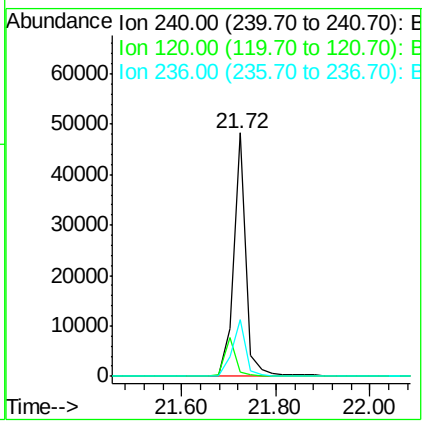


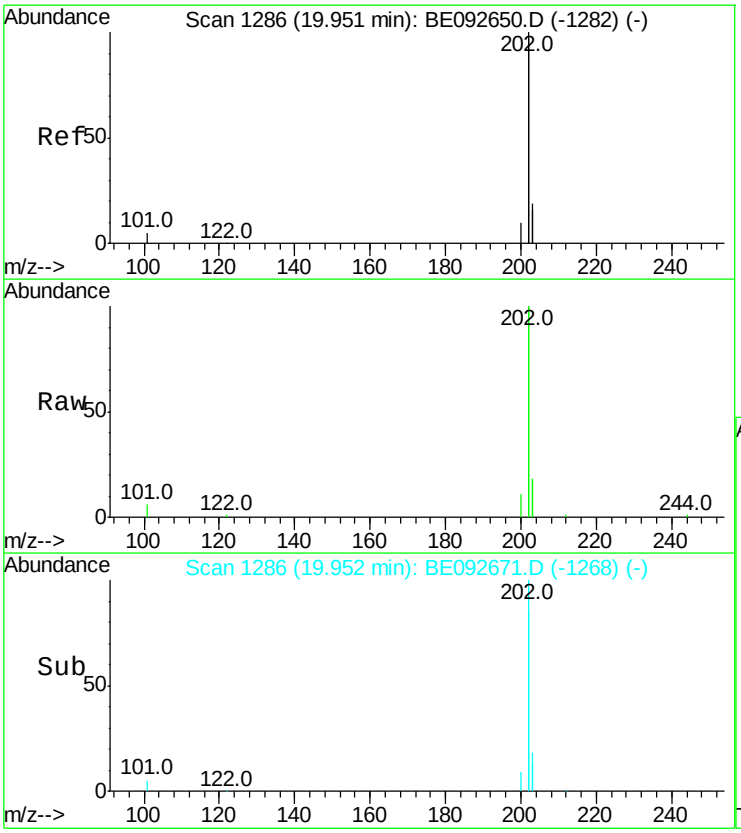
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 88279

Ion	Ratio	Lower	Upper
240	100		
120	1.6	2.6	4.0#
236	23.2	24.6	37.0#

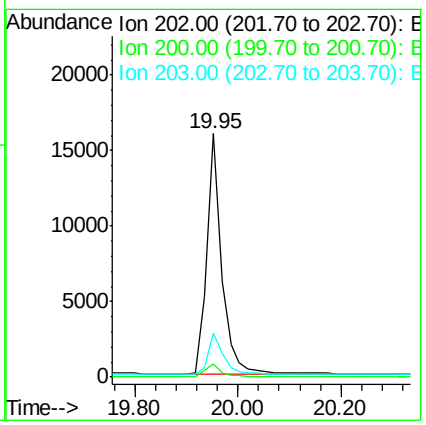


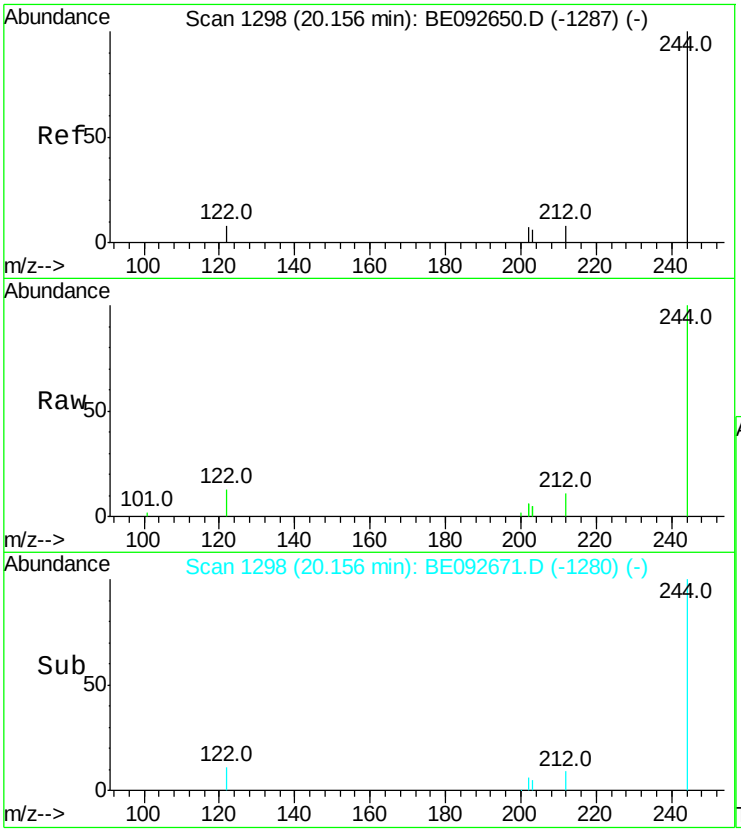


#25
Pyrene
Concen: 0.36 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:202 Resp: 31548

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.1	13.9	20.9



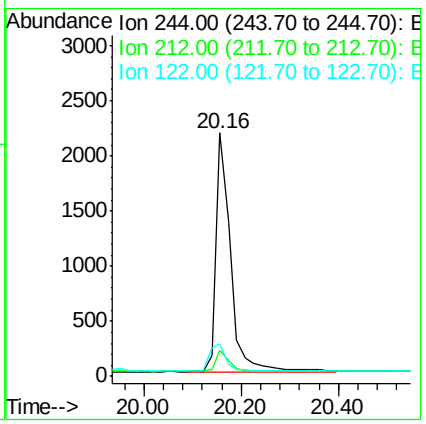


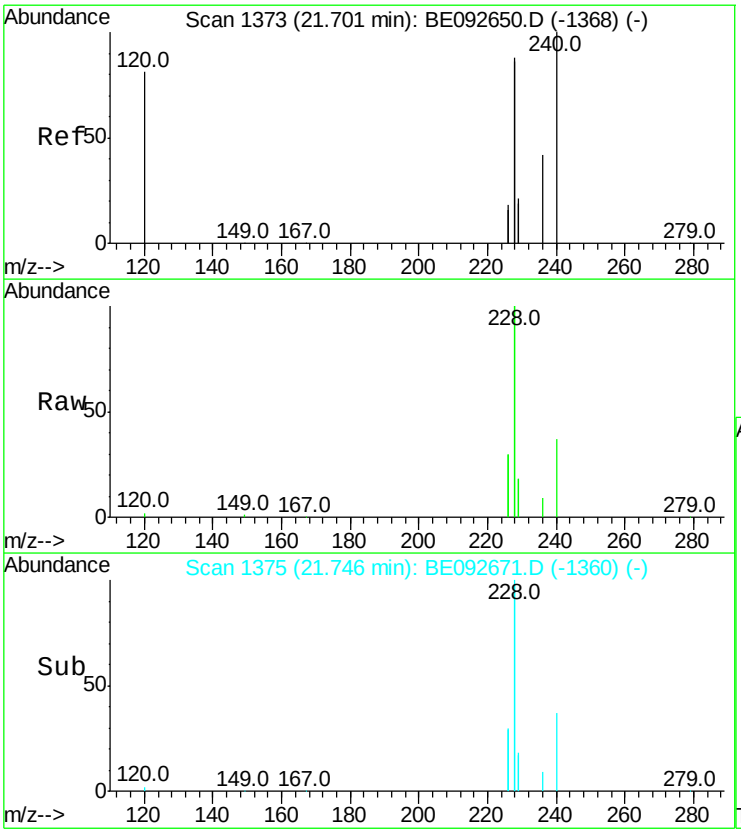
#26
Terphenyl-d14
Concen: 0.36 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4449

Ion	Ratio	Lower	Upper
244	100		
212	10.9	6.7	10.1#
122	13.4	3.6	5.4#

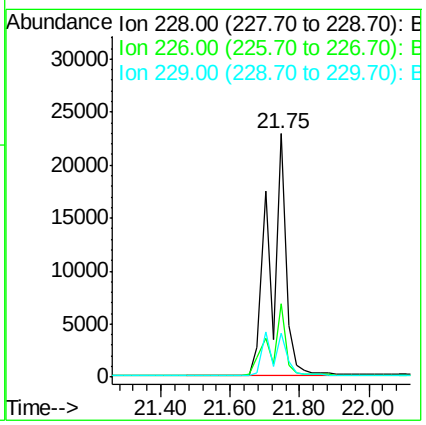


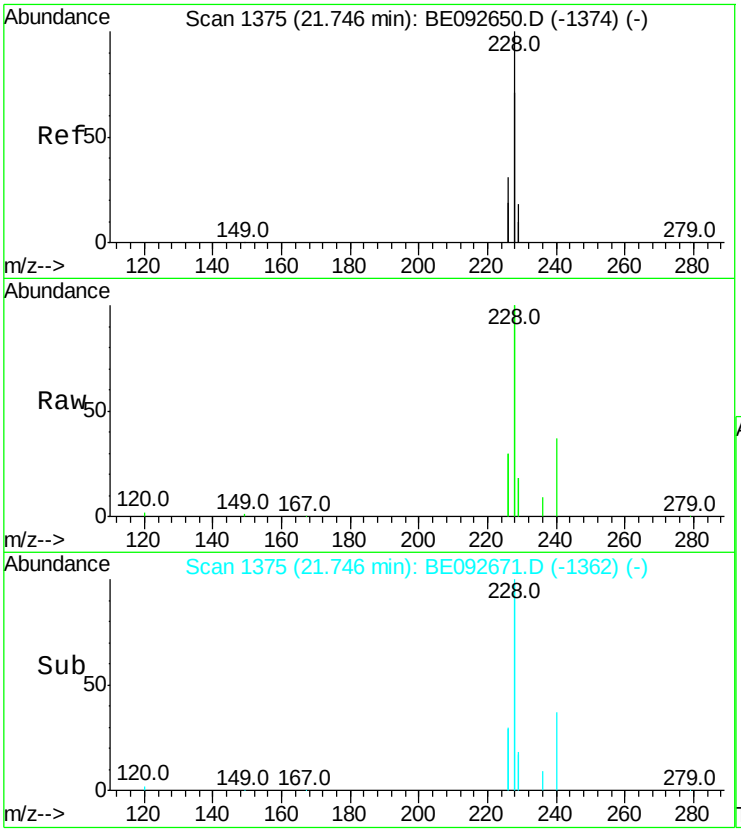


#27
Benzo(a)anthracene
Concen: 0.83 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:228 Resp: 72018

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.6	35.4
229	18.2	13.3	19.9



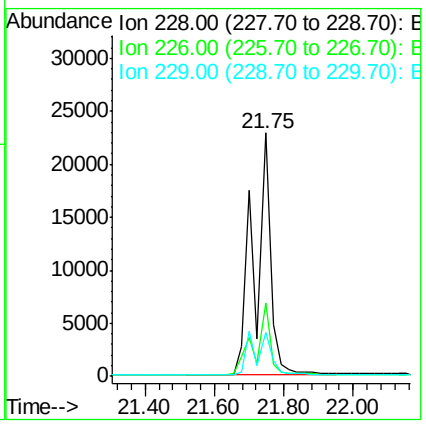


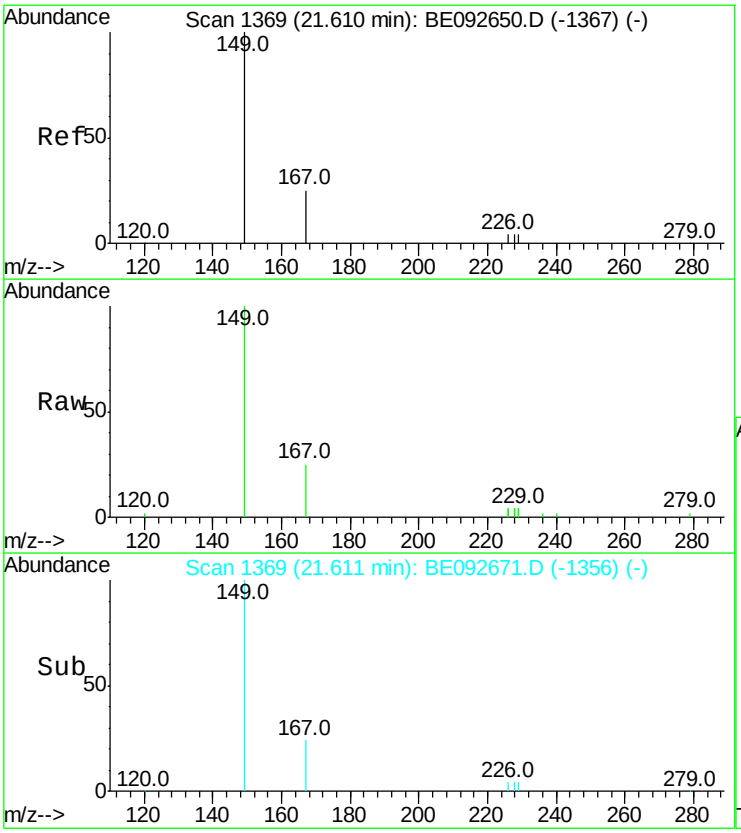
#28
Chrysene
Concen: 0.74 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 72301

Ion	Ratio	Lower	Upper
228	100		
226	30.2	36.3	54.5#
229	18.2	10.6	16.0#

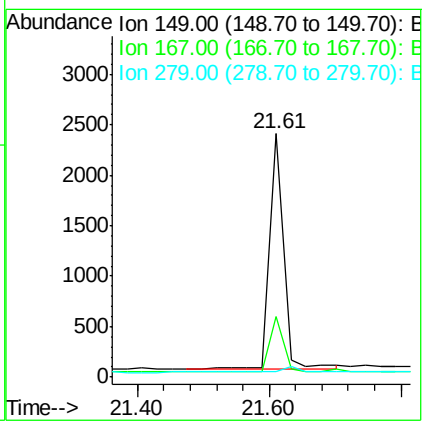


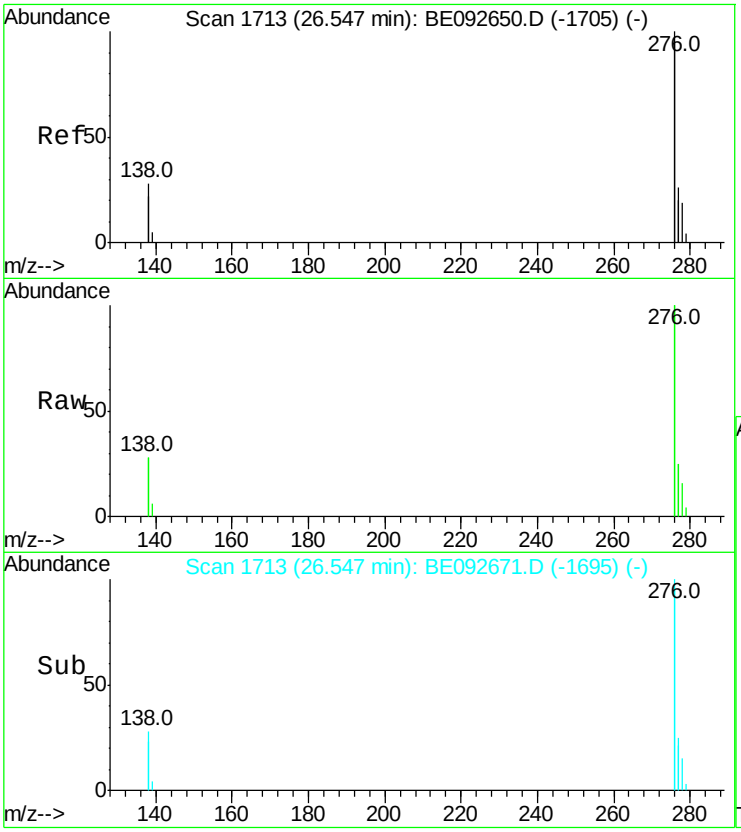


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:149 Resp: 3426

Ion	Ratio	Lower	Upper
149	100		
167	23.6	16.0	24.0
279	0.0	16.0	24.0#



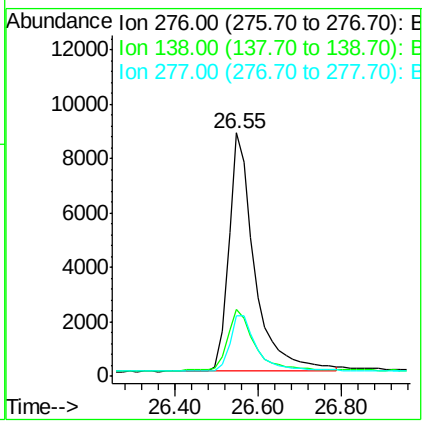


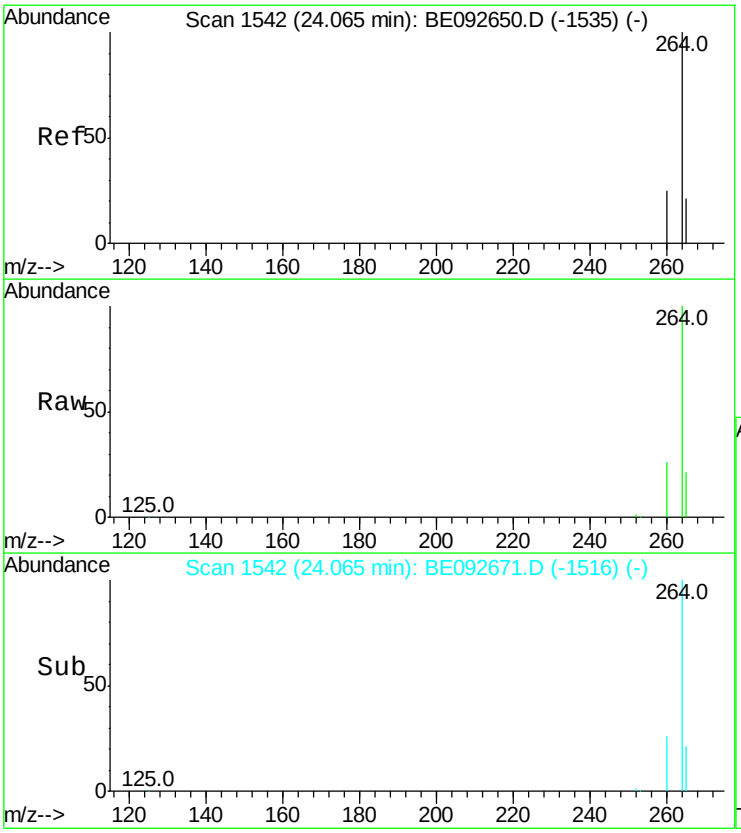
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.55 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 37824

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.3	30.5
277	24.9	19.7	29.5

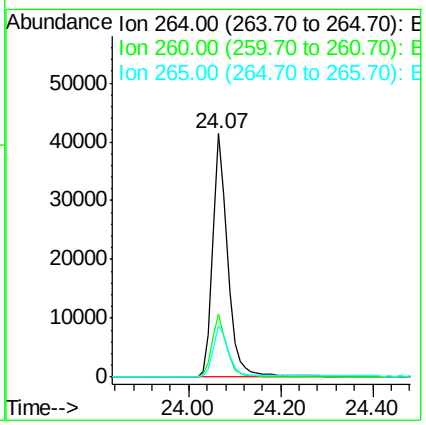


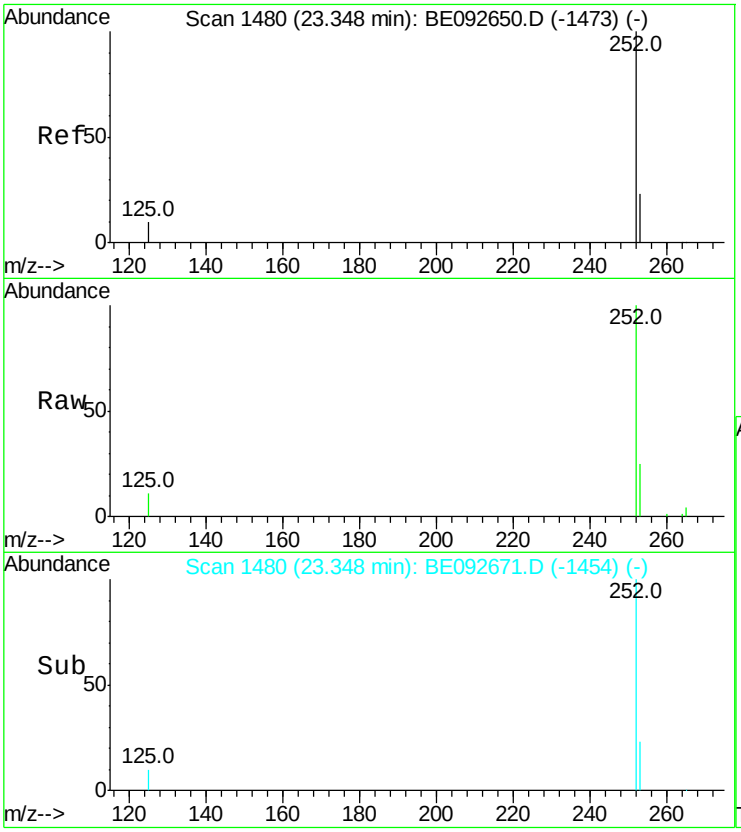


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:264 Resp: 93419

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	21.1	17.9	26.9



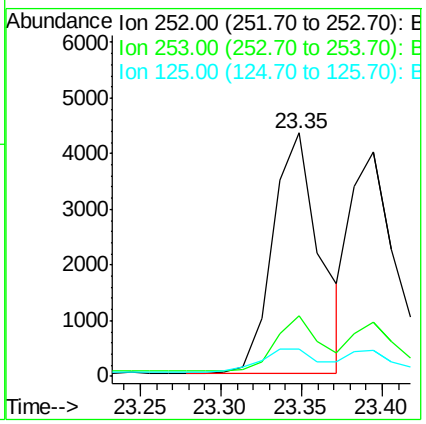


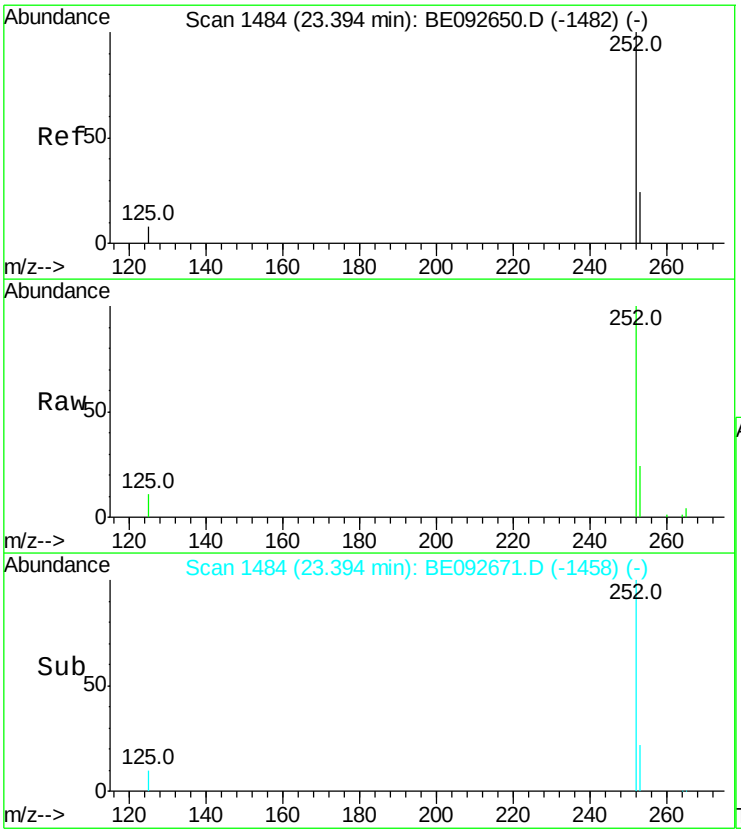
#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8755

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	11.4	10.5	15.7

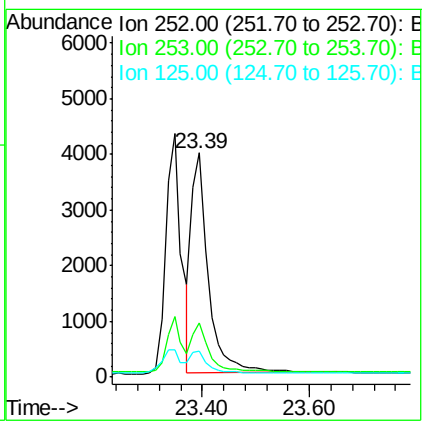


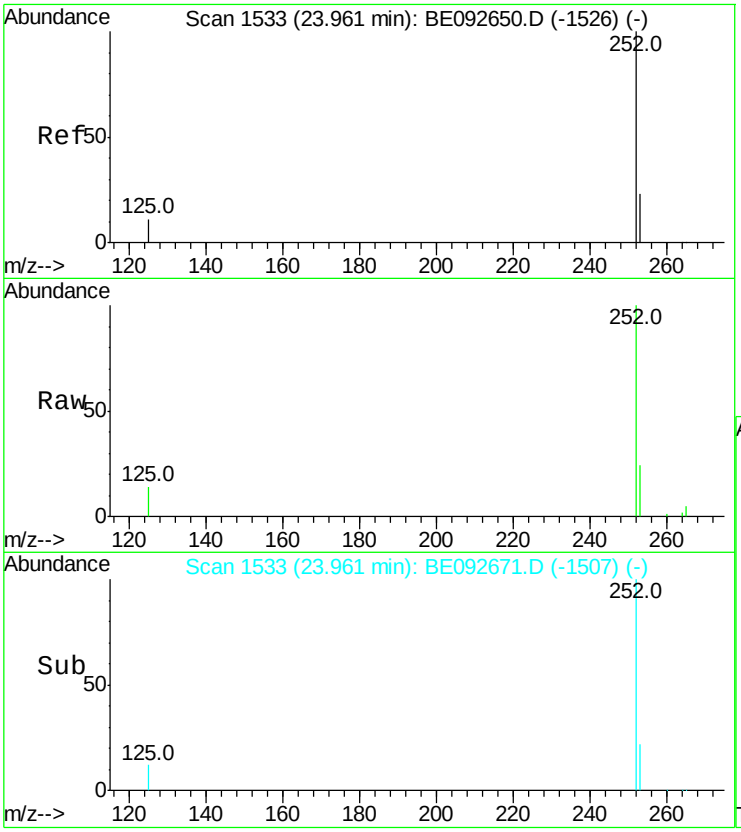


#33
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:252 Resp: 8581

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.3	30.5
125	11.4	9.6	14.4



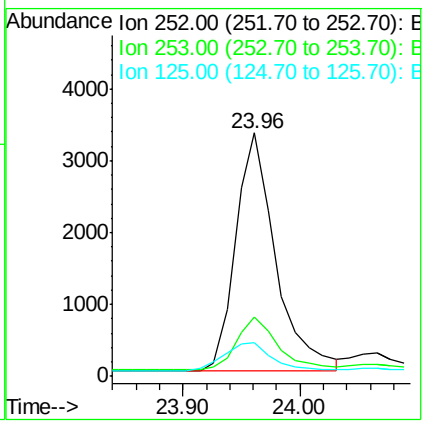


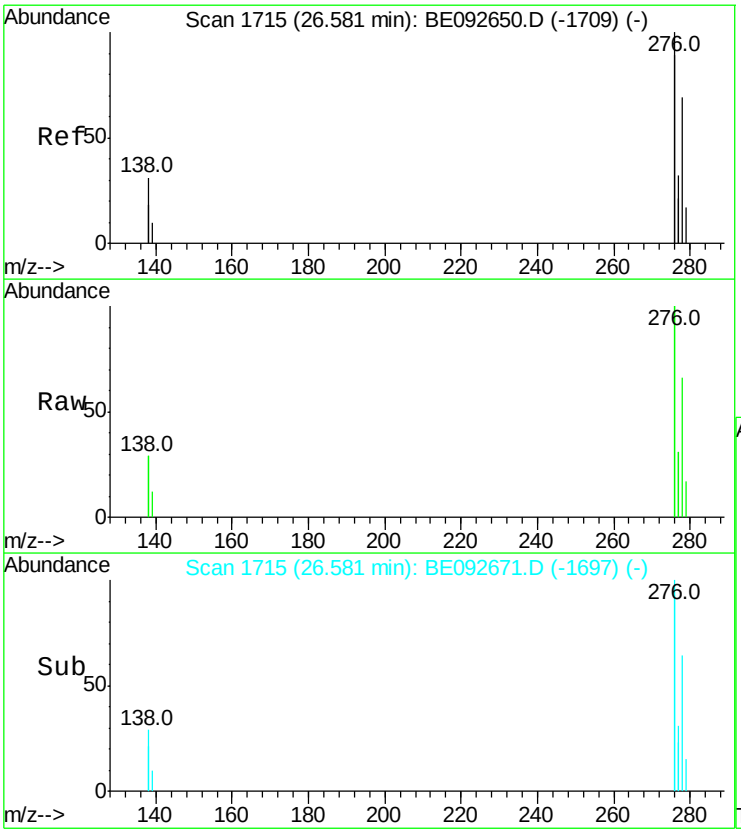
#34
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7852

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	13.7	11.8	17.8

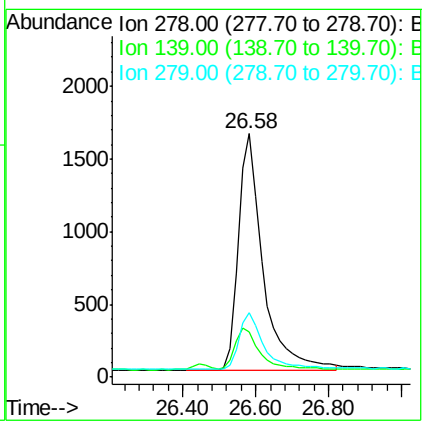


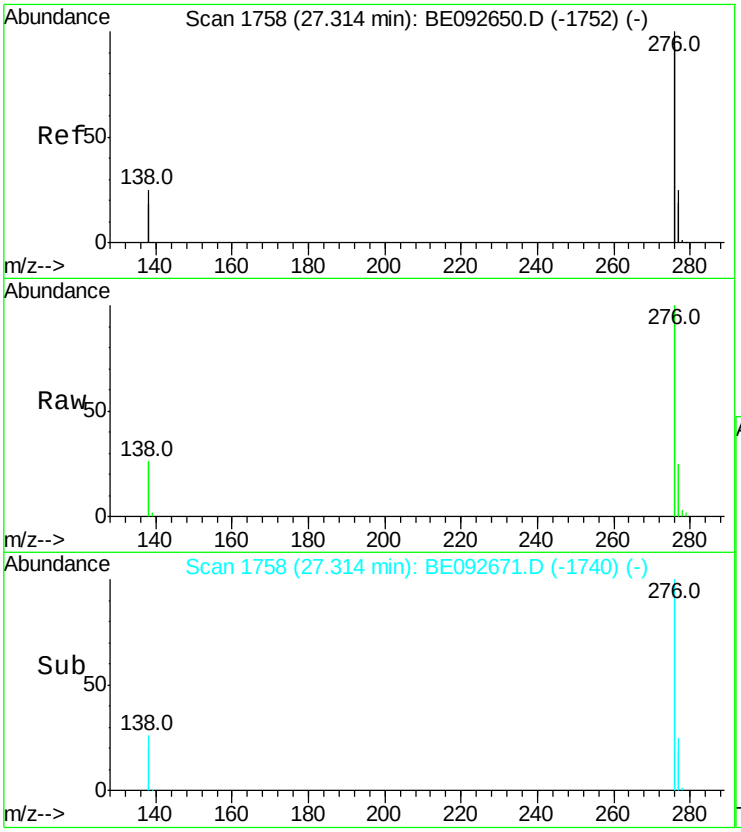


#35
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Tgt Ion:278 Resp: 7600

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.8	20.8
279	26.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BE092671.D
Acq: 24 Jan 2017 18:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 32887

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	25.9	19.8	29.6