Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE092992.D
Acq On : 11 May 2017 12:37
Operator : SJ/MA
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 11 14:14:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:12:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	738	0.40	ng		-0.02
7) Naphthalene-d8	10.53	136	3045	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1513	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4251	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4030	0.40	ng		0.00
34) Perylene-d12	23.70	264	3120	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1610	0.79	ng		0.00
5) Phenol-d6	6.92	99	2099	0.84	ng		-0.02
8) Nitrobenzene-d5	8.88	82	1902	0.81	ng		-0.02
11) 2-Methylnaphthalene-d10	12.12	152	3641	0.86	ng		-0.02
14) 2,4,6-Tribromophenol	15.88	330	328	0.83	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	5093	0.86	ng		0.00
25) Fluoranthene-d10	19.14	212	8216	0.73	ng		-0.01
29) Terphenyl-d14	19.74	244	6037	0.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1156	0.76	ng		98
3) n-Nitrosodimethylamine	3.59	42	1056	0.84	ng	#	96
6) bis(2-Chloroethyl)ether	7.18	93	2016	0.81	ng	#	99
9) Naphthalene	10.58	128	6578	0.81	ng		97
10) Hexachlorobutadiene	10.87	225	911	0.82	ng		99
12) 2-Methylnaphthalene	12.19	142	4005	0.85	ng		97
16) Acenaphthylene	14.10	152	21155	0.86	ng		100
17) Acenaphthene	14.44	154	3837	0.83	ng		99
18) Fluorene	15.43	166	4945	0.85	ng		100
20) 4-Bromophenyl-phenylether	16.33	248	963	0.71	ng	#	1
21) Hexachlorobenzene	16.47	284	1448	0.68	ng	#	100
22) Pentachlorophenol	16.82	266	328	0.51	ng		92
23) Phenanthrene	17.19	178	6760	0.64	ng	#	77
24) Anthracene	17.28	178	6751	0.74	ng		98
26) Fluoranthene	19.16	202	40484	0.73	ng	#	59
28) Pyrene	19.53	202	42211	0.82	ng	#	96
30) Benzo(a)anthracene	21.27	228	8060	0.84	ng		98
31) Chrysene	21.32	228	10148	0.81	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	2911	0.68	ng		98
33) Indeno(1,2,3-cd)pyrene	26.24	276	31765	0.81	ng		98
35) Benzo(b)fluoranthene	22.95	252	8209	0.83	ng		96
36) Benzo(k)fluoranthene	23.01	252	8812	0.90	ng		96
37) Benzo(a)pyrene	23.59	252	7127	0.83	ng		95
38) Dibenzo(a,h)anthracene	26.27	278	6679	0.86	ng	#	93
39) Benzo(g,h,i)perylene	27.00	276	30395	0.85	ng		97

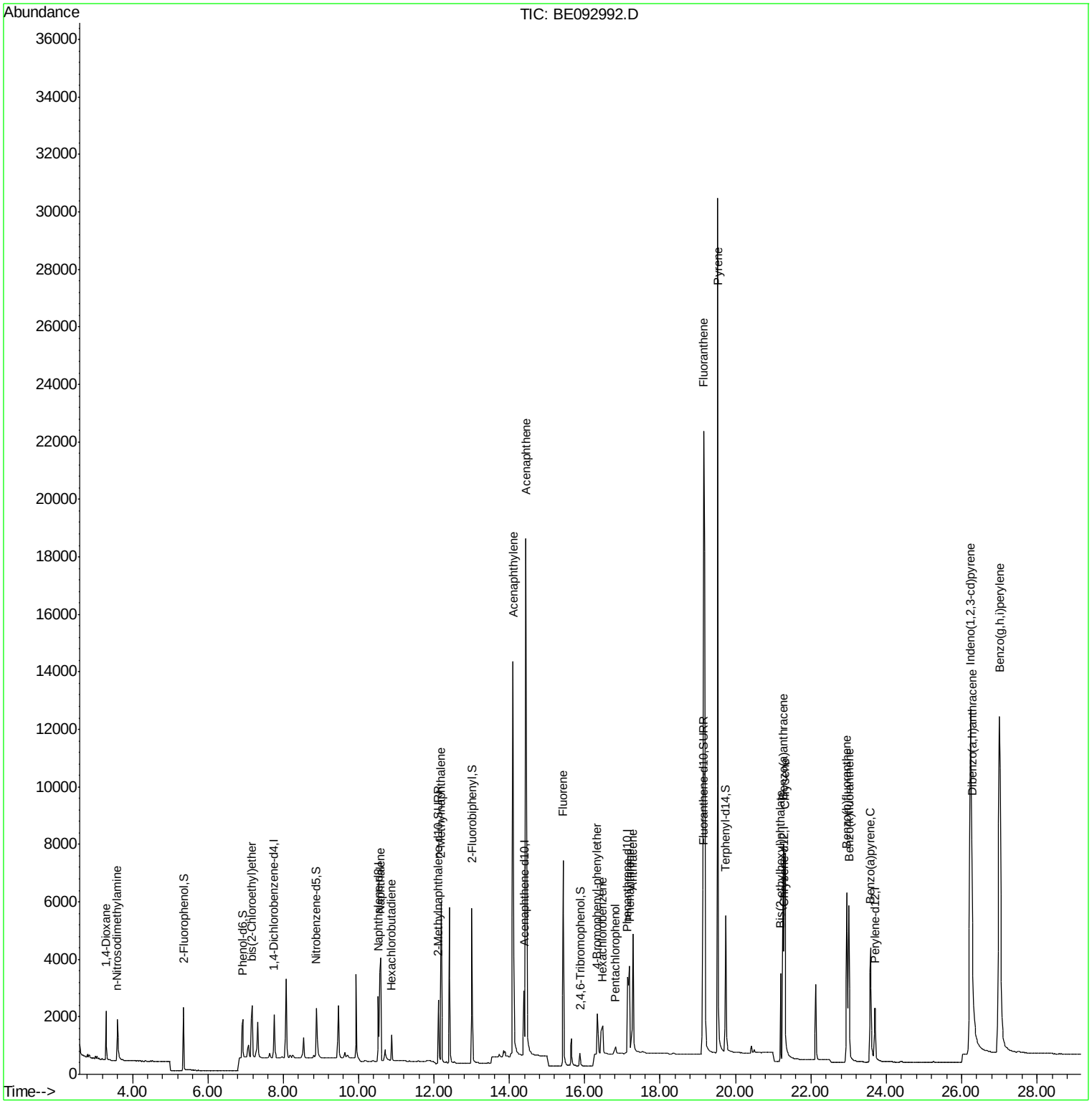
(#) = qualifier out of range (m) = manual integration (+) = signals summed

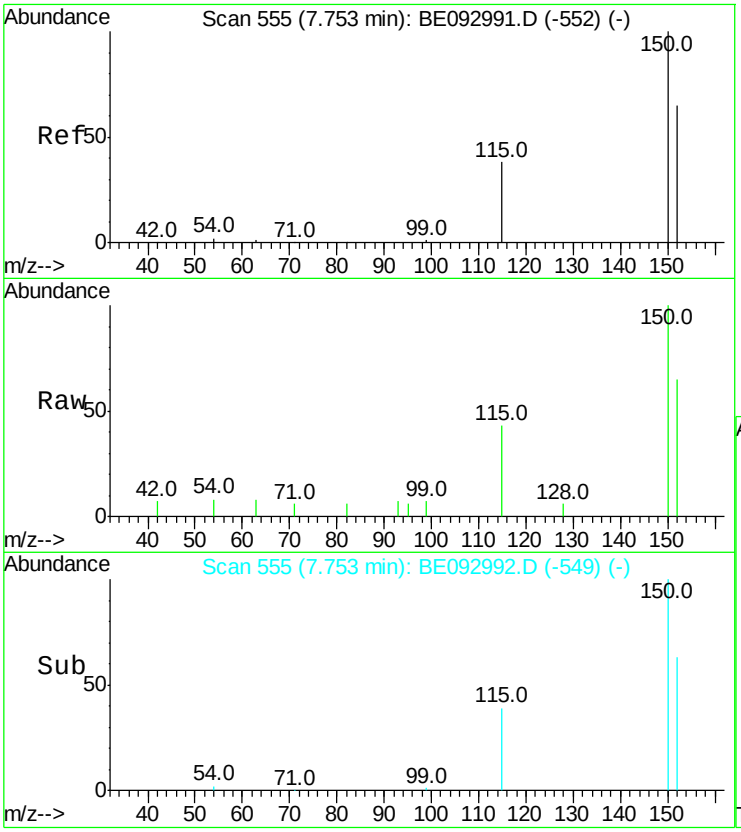
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE092992.D
Acq On : 11 May 2017 12:37
Operator : SJ/MA
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 11 14:14:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:12:45 2017
Response via : Initial Calibration



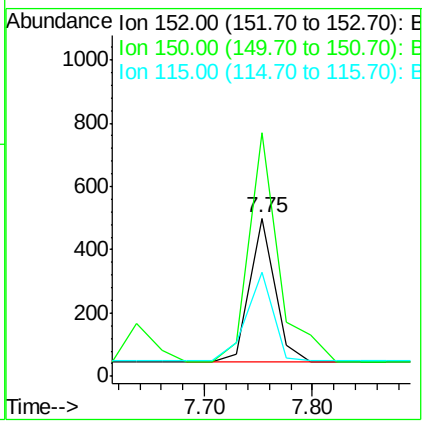


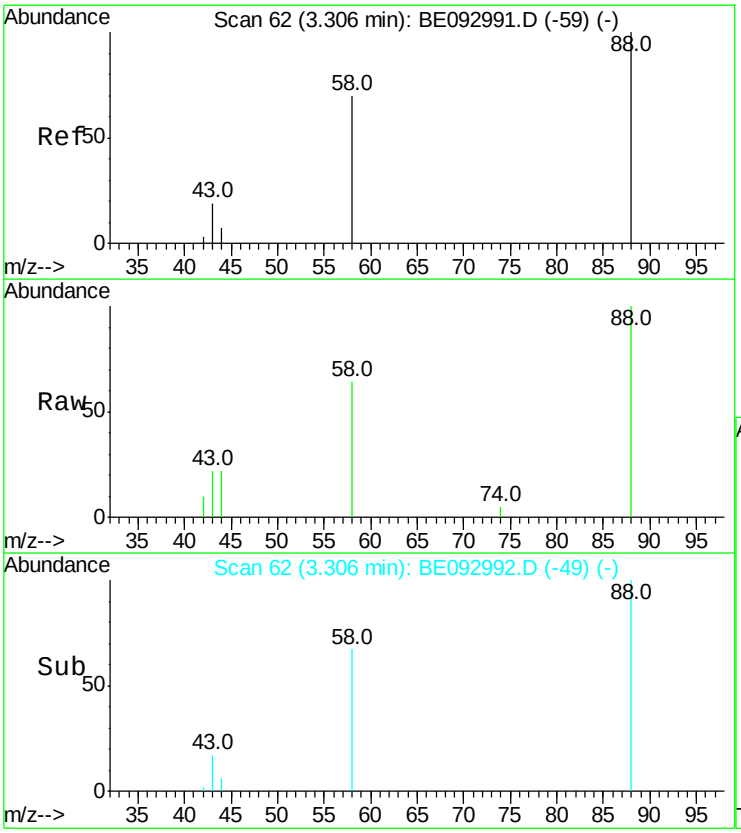
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 738

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.1	187.7
115	65.4	55.7	83.5

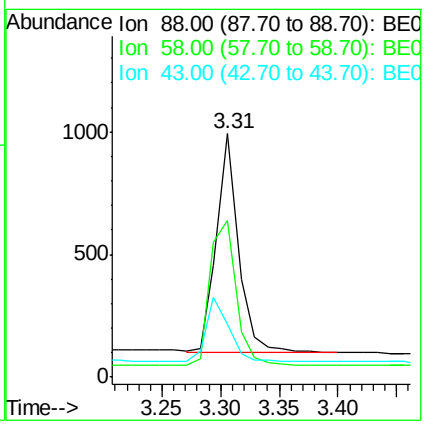


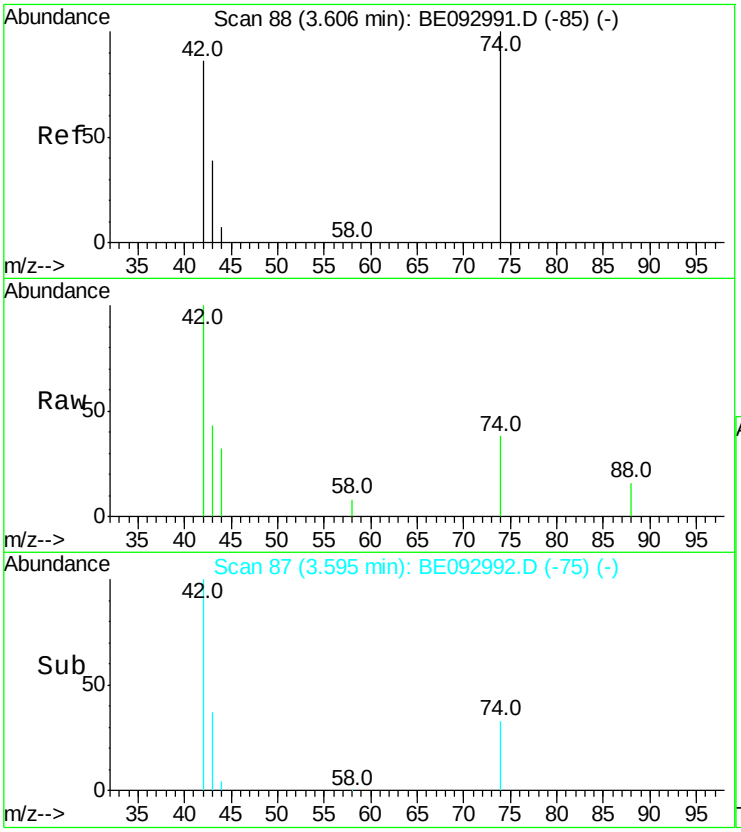


#2
1,4-Dioxane
Concen: 0.76 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion: 88 Resp: 1156

Ion	Ratio	Lower	Upper
88	100		
58	78.9	62.2	93.4
43	30.4	23.2	34.8

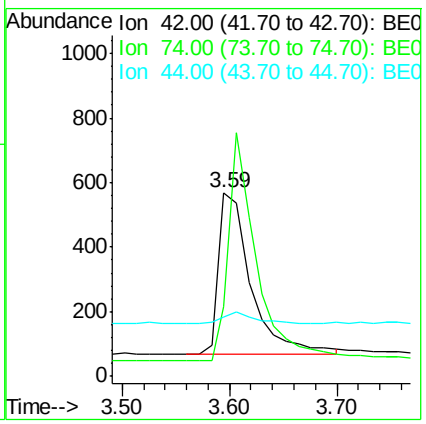




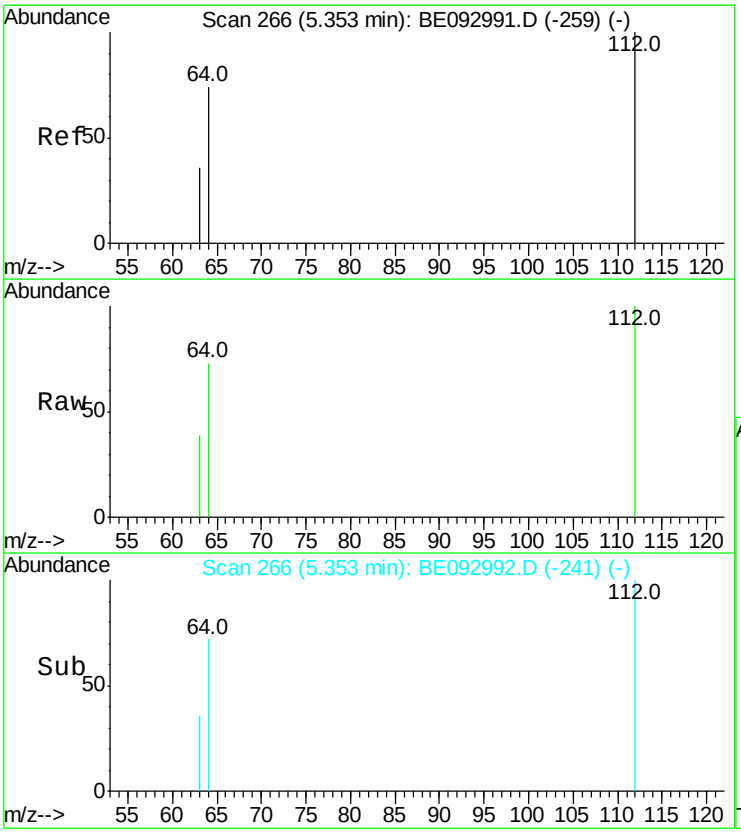
#3
n-Nitrosodimethylamine
Concen: 0.84 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion: 42 Resp: 1056

Ion	Ratio	Lower	Upper
42	100		
74	119.5	99.1	148.7
44	7.0	7.4	11.2#



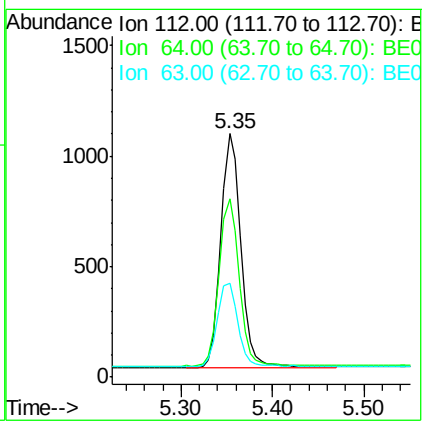
Instrument :
BNA_E
ClientSampleId :

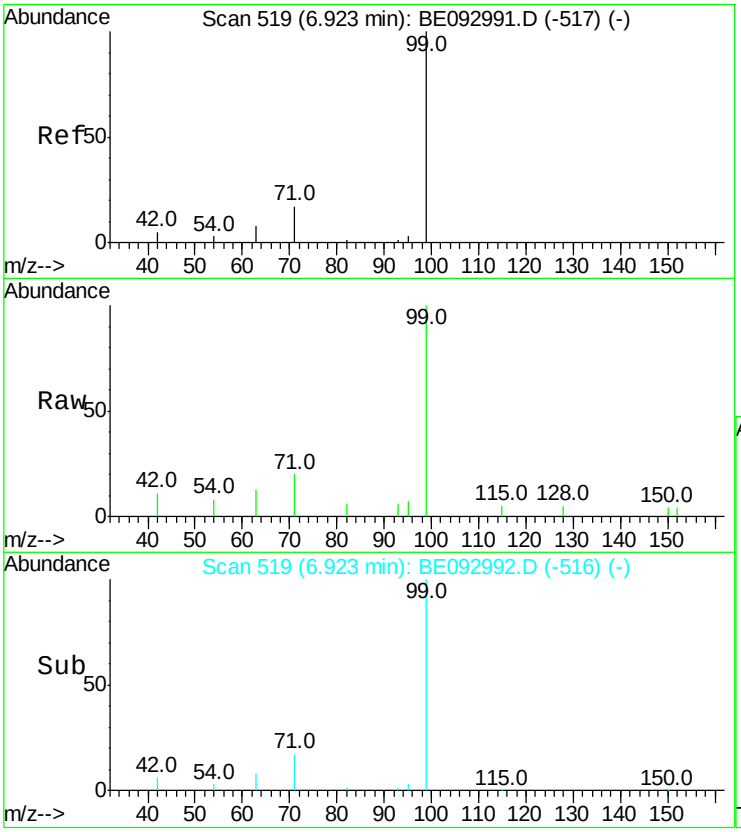


#4
2-Fluorophenol
Concen: 0.79 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:112 Resp: 1610

Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.4	84.6
63	36.3	29.3	43.9



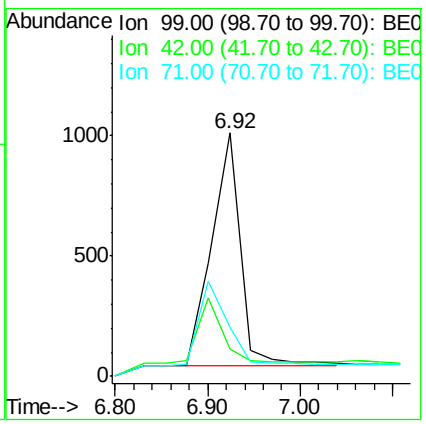


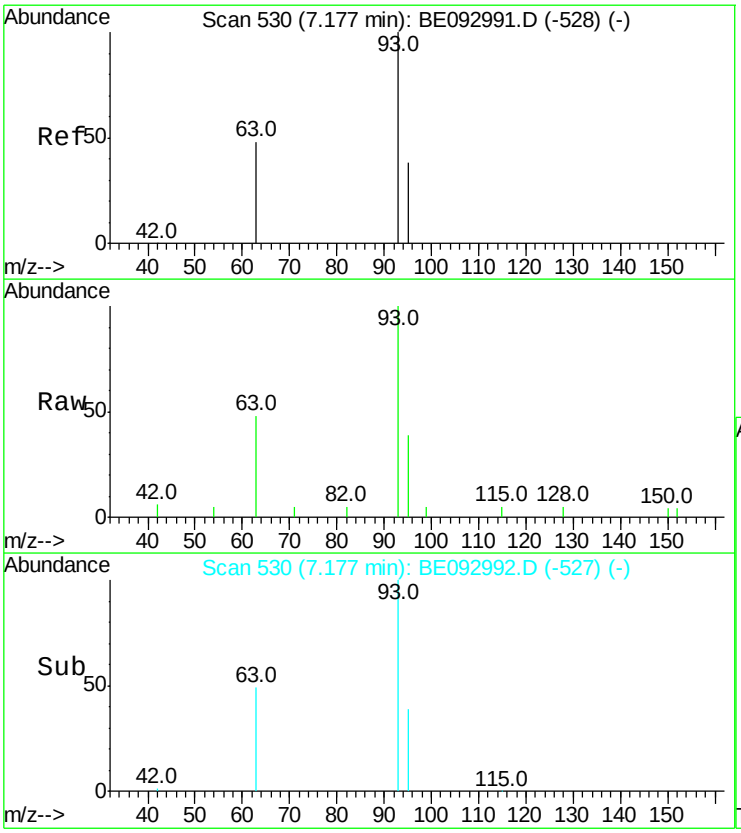
#5
Phenol-d6
Concen: 0.84 ng
RT: 6.92 min Scan# 519
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2099

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

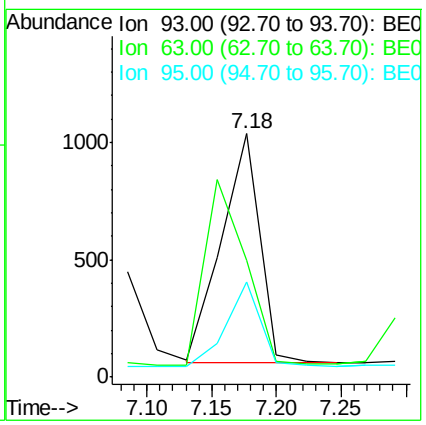


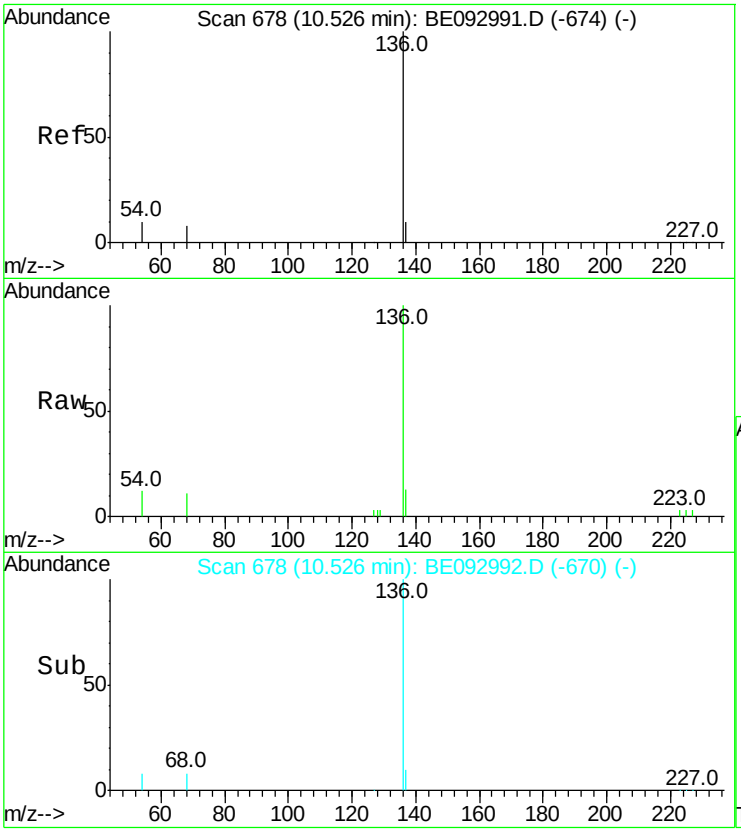


#6
bis(2-Chloroethyl)ether
Concen: 0.81 ng
RT: 7.18 min Scan# 530
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion: 93 Resp: 2016

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.5	25.4	38.0



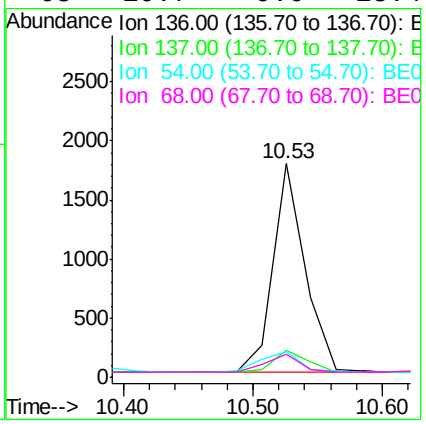


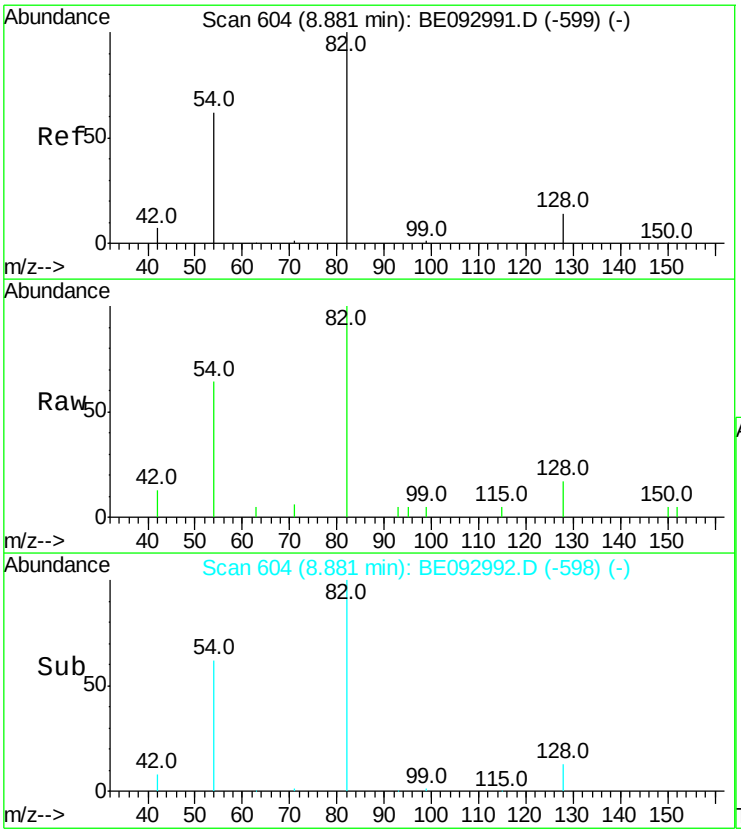
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3045

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	11.8	10.3	15.5
68	10.7	9.0	13.4

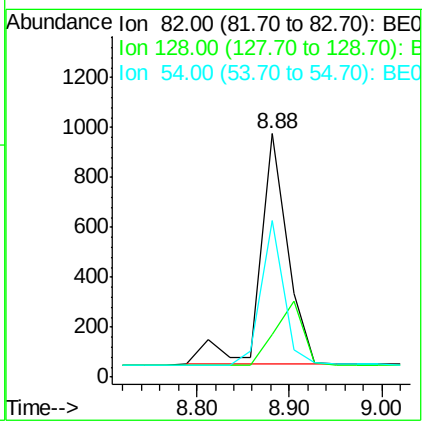


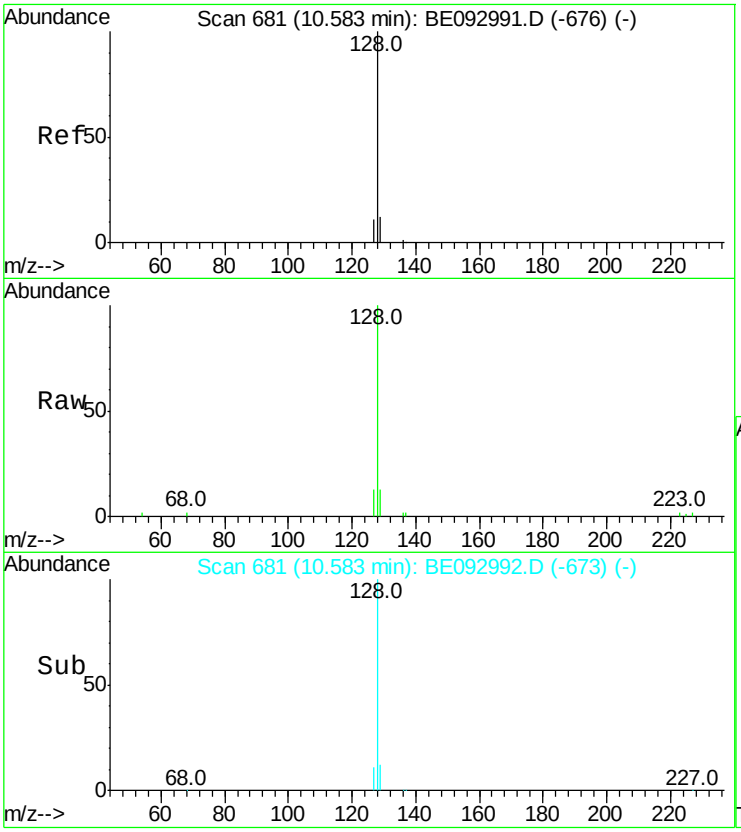


#8
Nitrobenzene-d5
Concen: 0.81 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion: 82 Resp: 1902

Ion	Ratio	Lower	Upper
82	100		
128	17.3	17.0	25.4
54	64.2	53.8	80.6



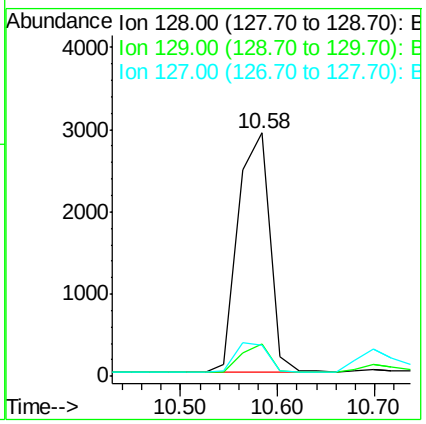


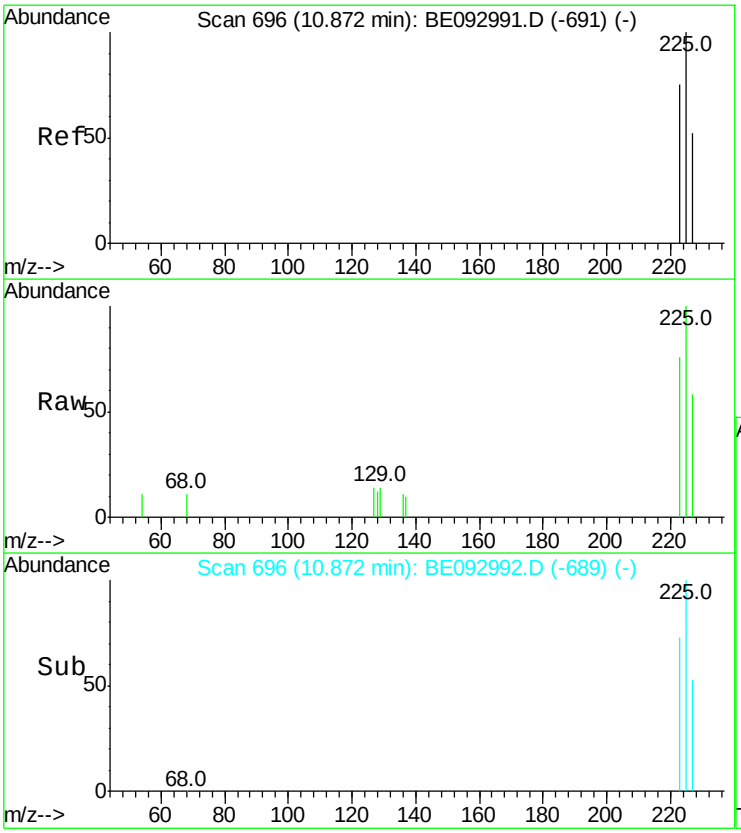
#9
Naphthalene
Concen: 0.81 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 6578

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.4	17.0
127	12.6	11.2	16.8

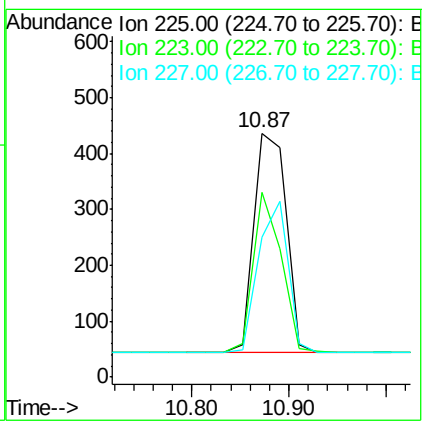


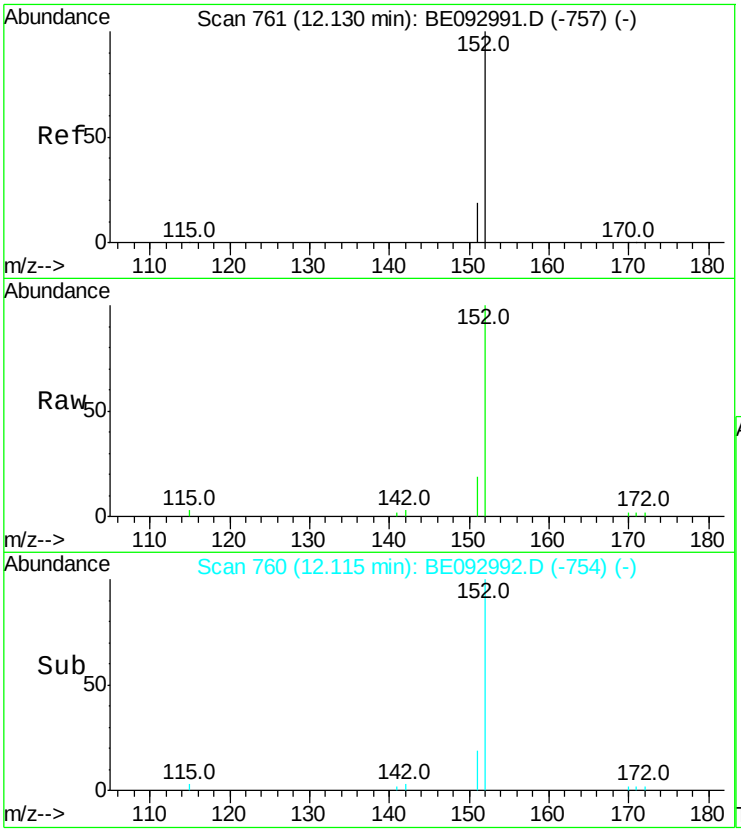


#10
Hexachlorobutadiene
Concen: 0.82 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:225 Resp: 911

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.6	50.3	75.5



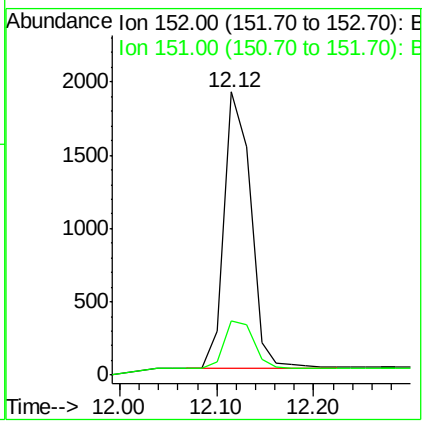


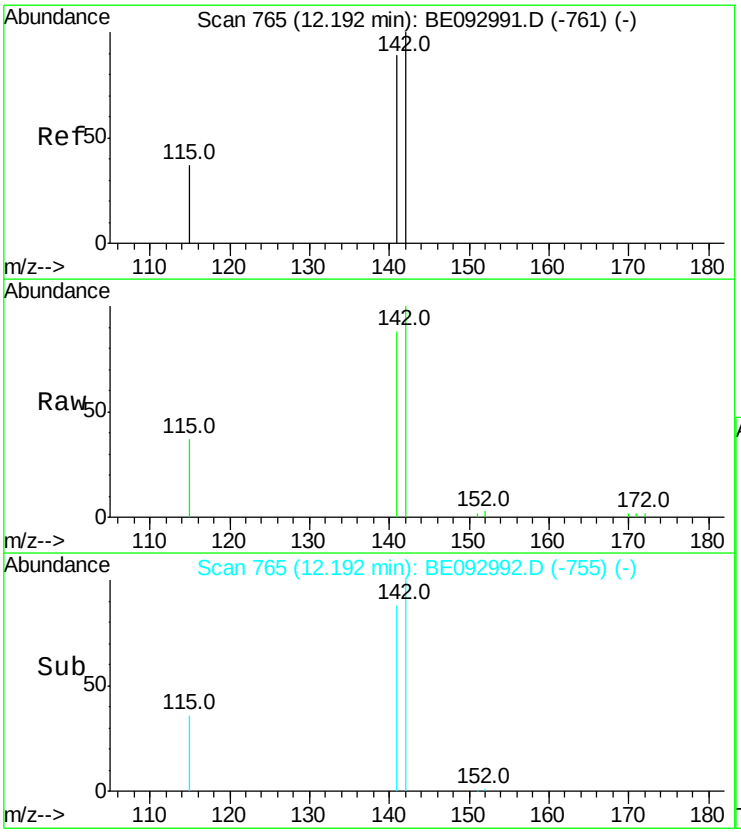
#11
2-Methylnaphthalene-d10
Concen: 0.86 ng
RT: 12.12 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3641

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

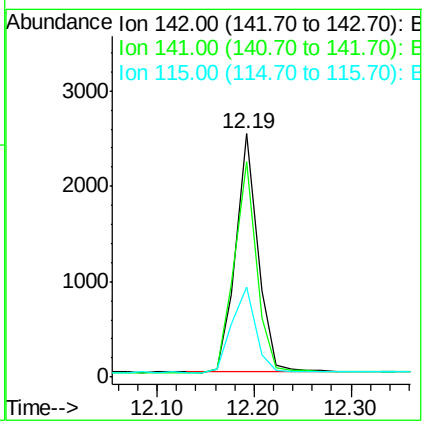


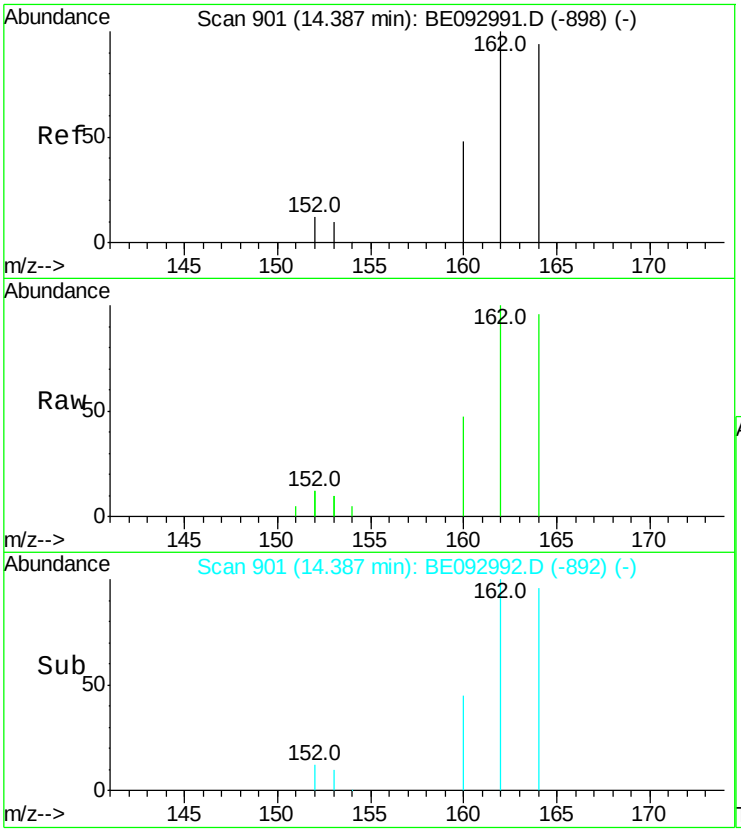


#12
2-Methylnaphthalene
Concen: 0.85 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:142 Resp: 4005

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8
115	36.8	32.2	48.2



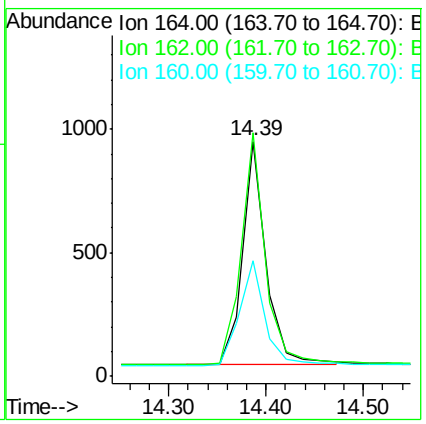


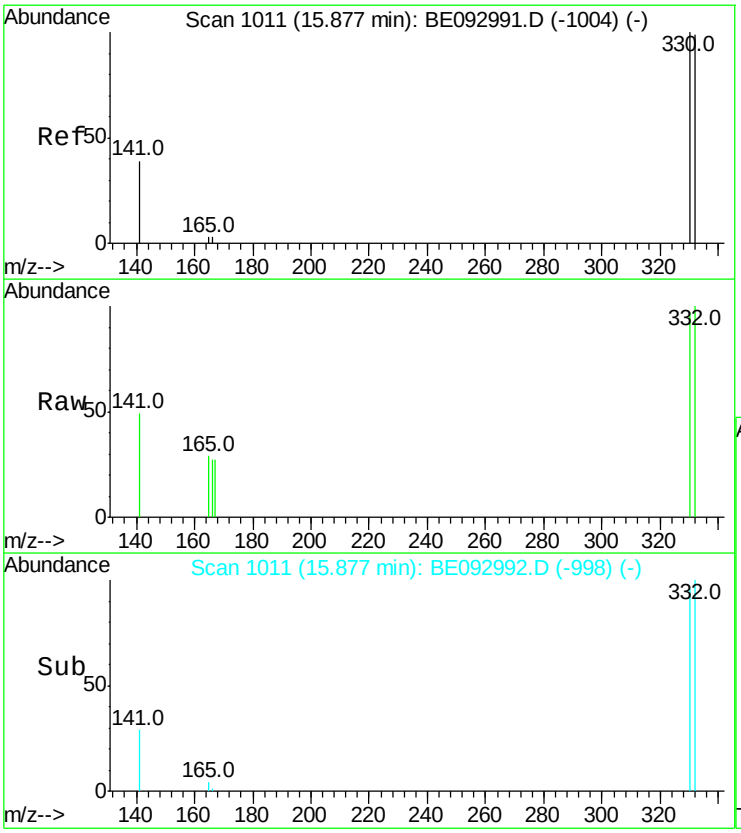
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1513

Ion	Ratio	Lower	Upper
164	100		
162	103.8	84.6	127.0
160	49.1	41.8	62.6

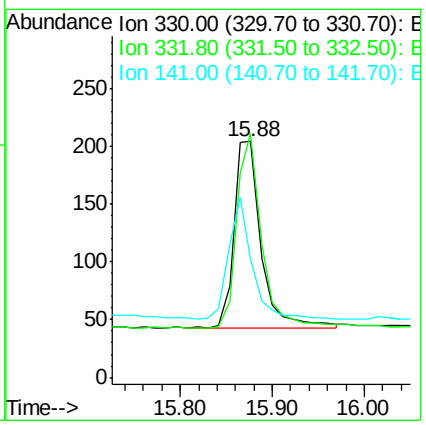


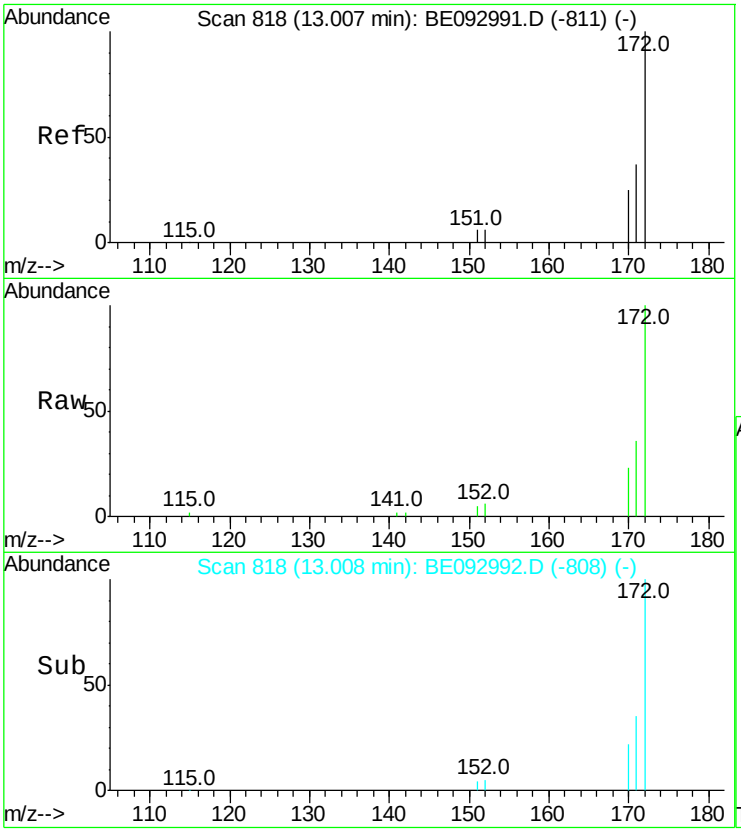


#14
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:330 Resp: 328

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	55.8	56.2	84.4#



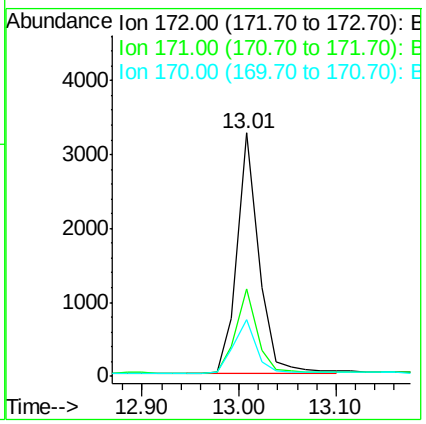


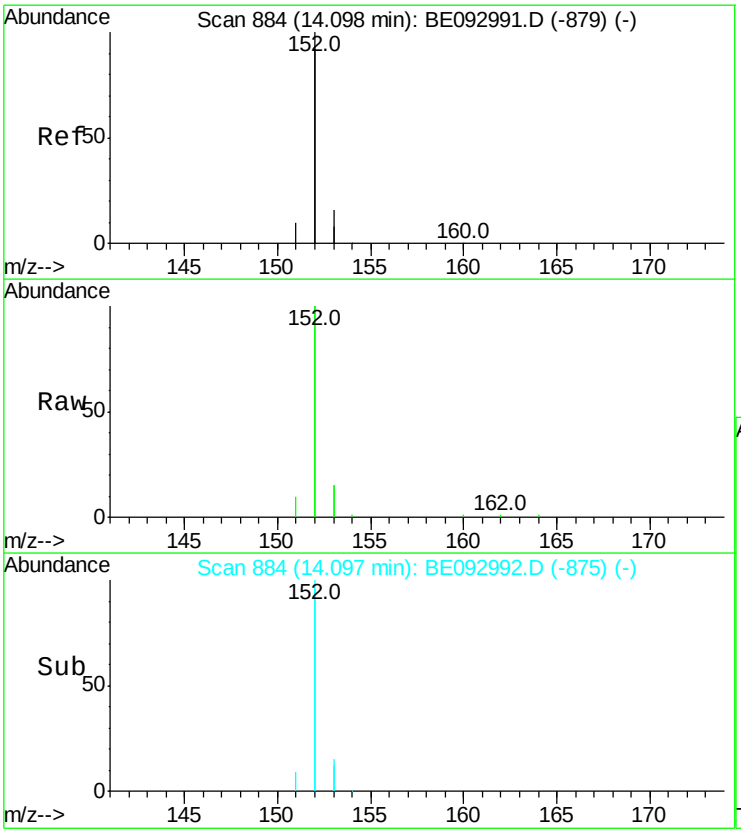
#15
2-Fluorobiphenyl
Concen: 0.86 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5093

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.8	44.6
170	23.5	20.7	31.1

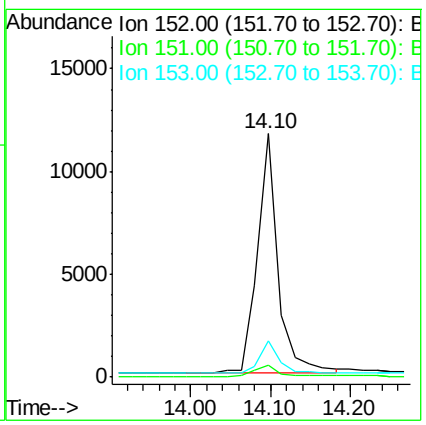


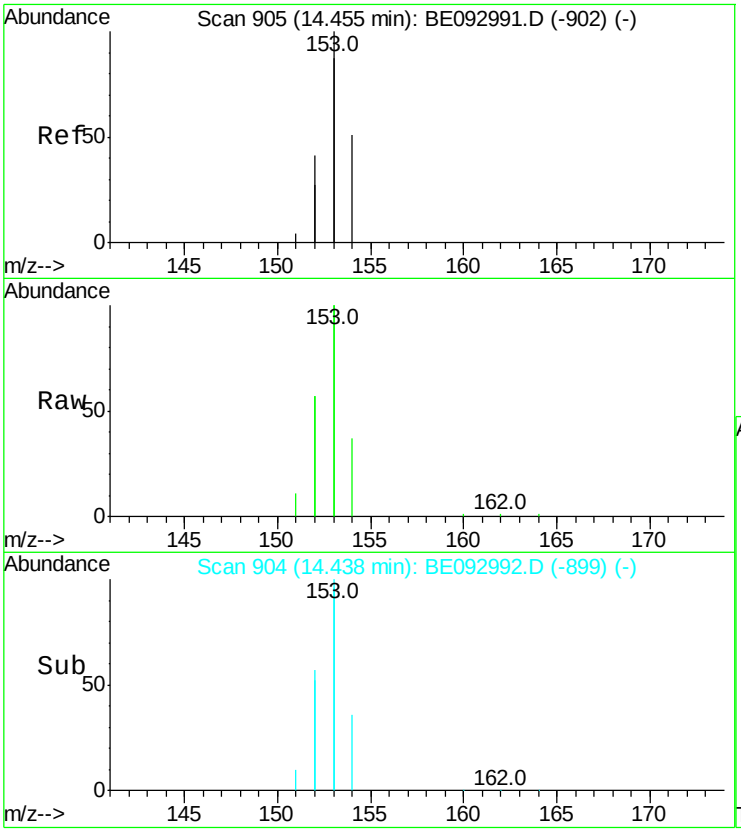


#16
Acenaphthylene
Concen: 0.86 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:152 Resp: 21155

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.9	10.3	15.5



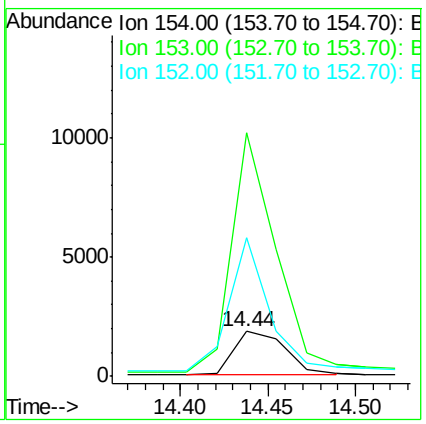


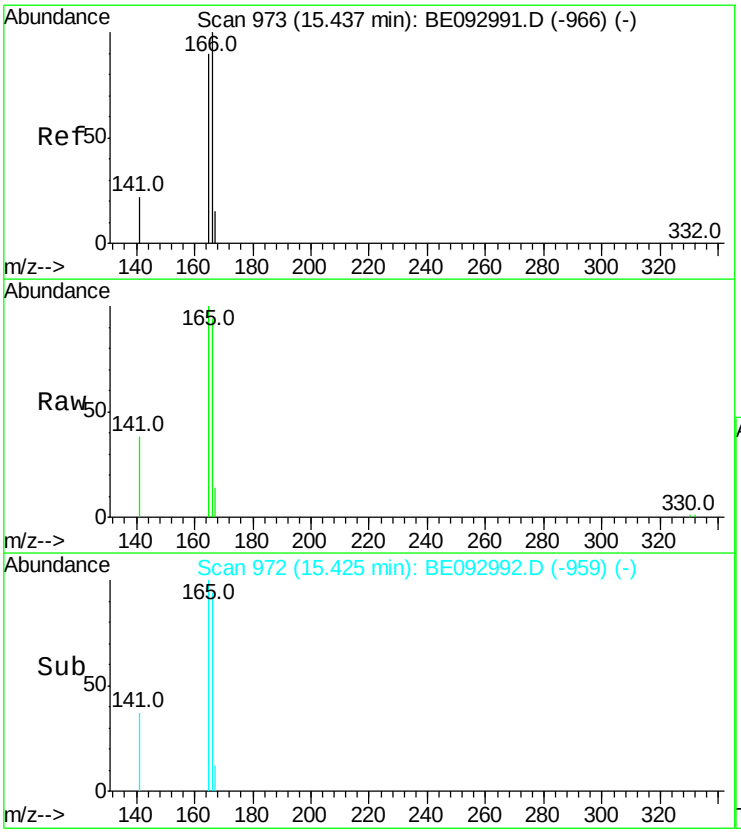
#17
Acenaphthene
Concen: 0.83 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3837

Ion	Ratio	Lower	Upper
154	100		
153	459.3	367.8	551.6
152	233.1	188.2	282.2

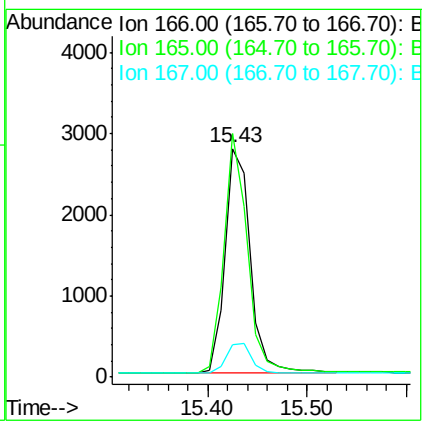


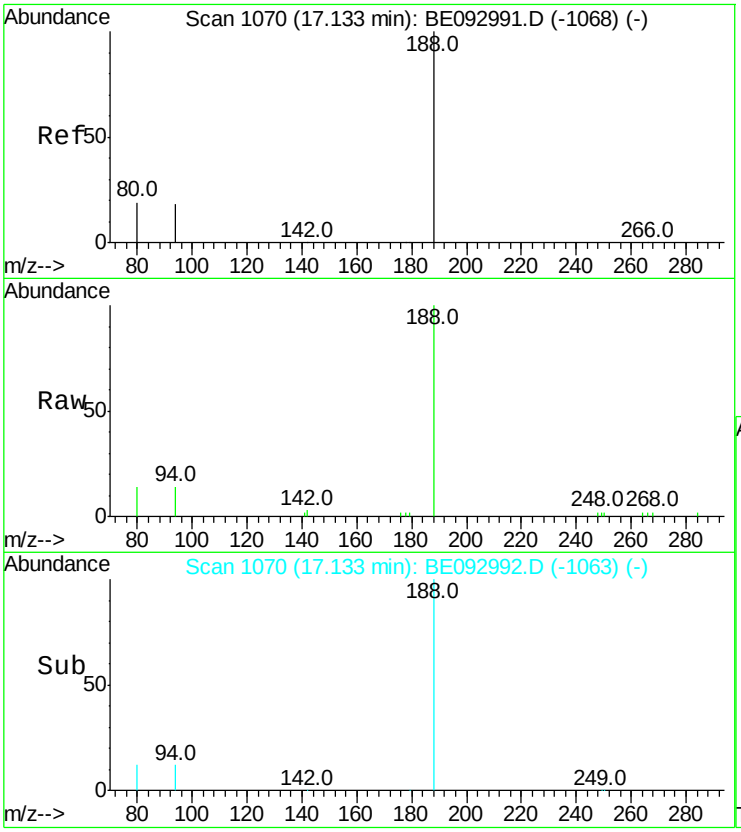


#18
Fluorene
Concen: 0.85 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:166 Resp: 4945

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.9	11.1	16.7



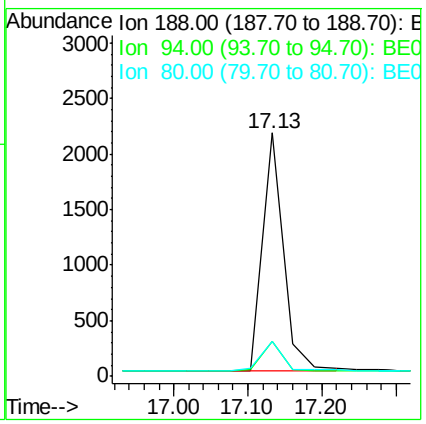


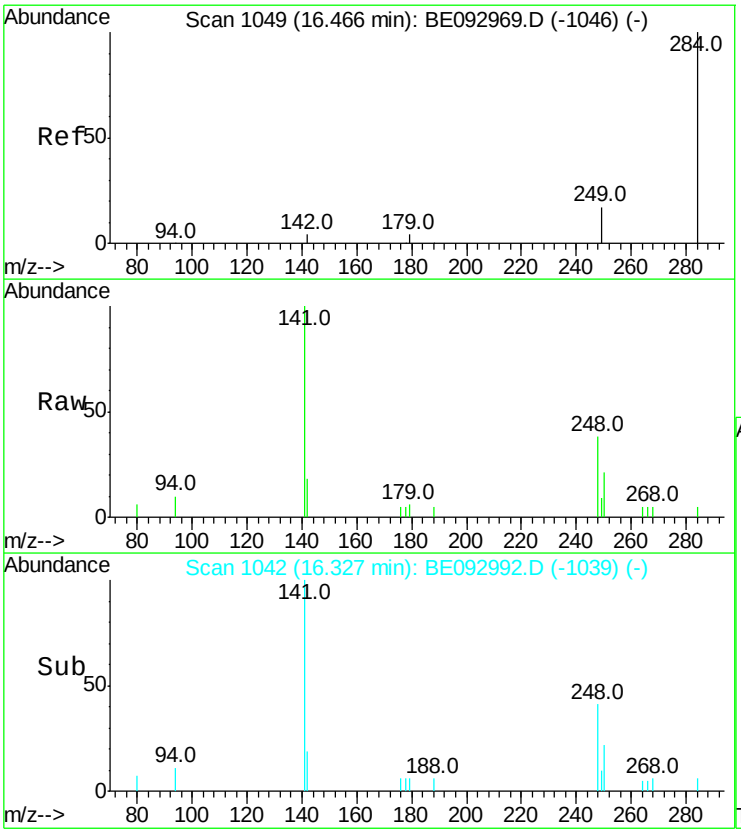
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4251

Ion	Ratio	Lower	Upper
188	100		
94	14.1	11.3	16.9
80	14.5	11.7	17.5

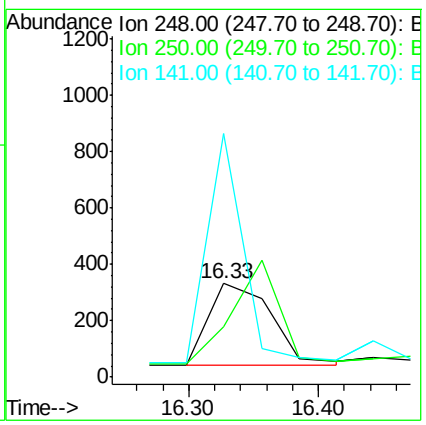


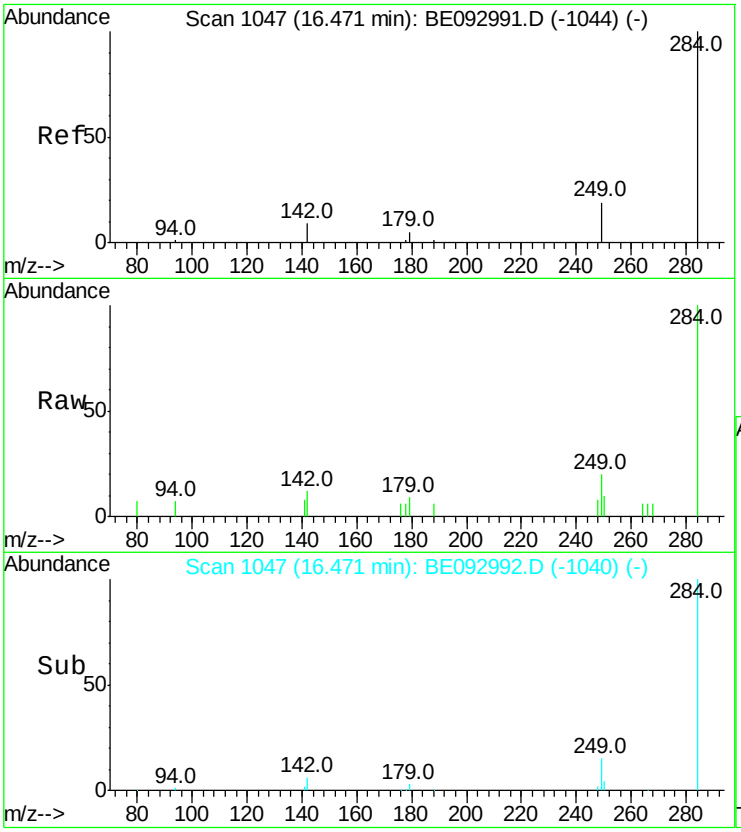


#20
4-Bromophenyl-phenylether
Concen: 0.71 ng
RT: 16.33 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:248 Resp: 963

Ion	Ratio	Lower	Upper
248	100		
250	53.9	100.0	150.0#
141	260.2	40.0	60.0#



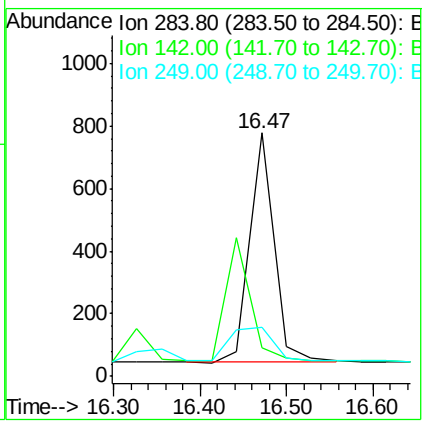


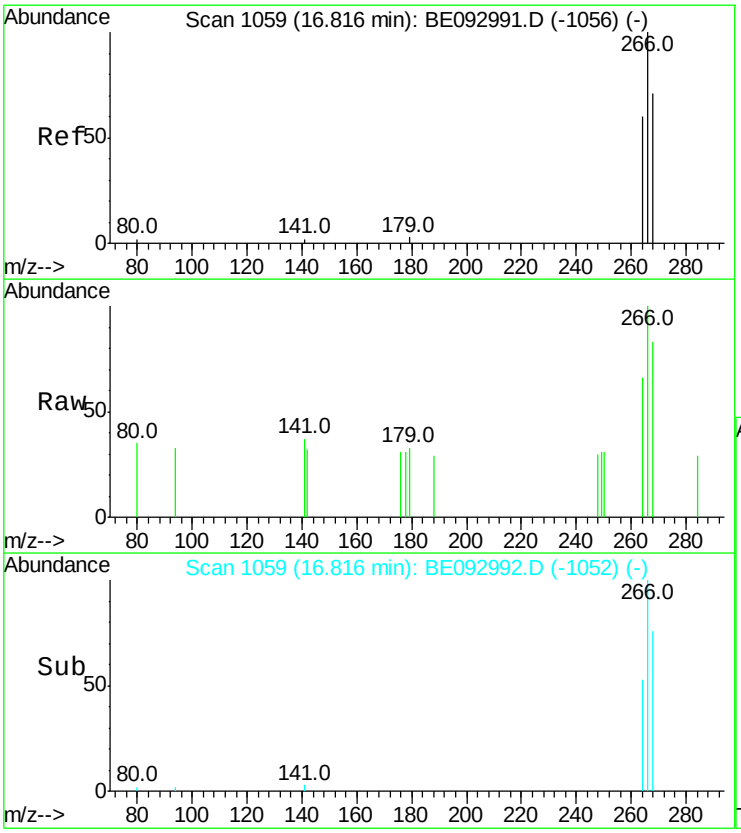
#21
Hexachlorobenzene
Concen: 0.68 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1448

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.2	0.0	0.0#

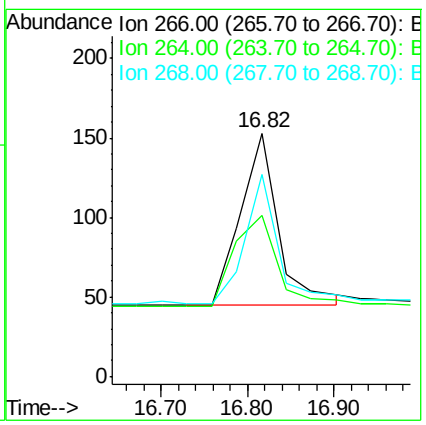


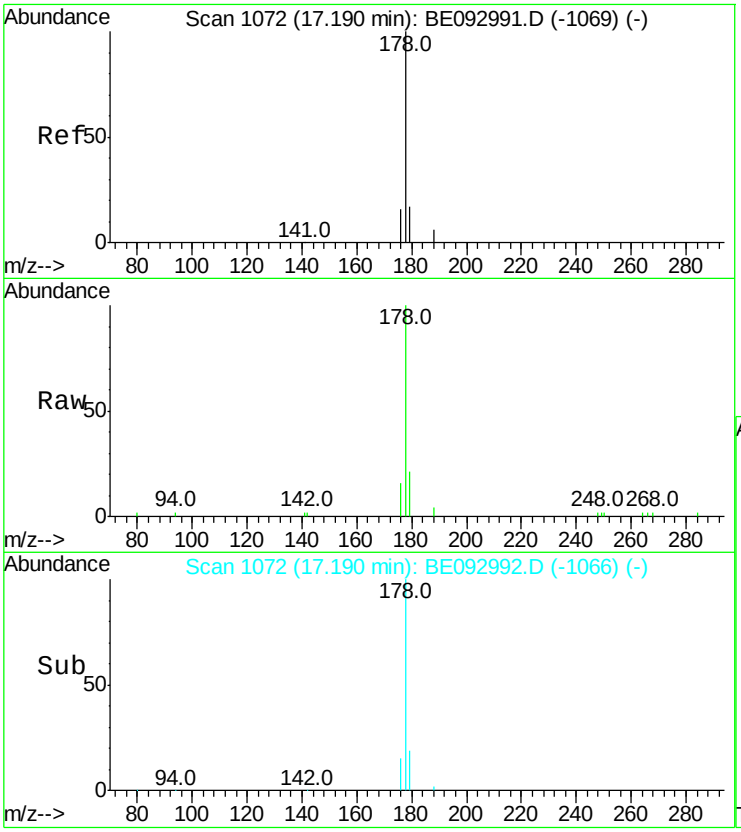


#22
Pentachlorophenol
Concen: 0.51 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:266 Resp: 328

Ion	Ratio	Lower	Upper
266	100		
264	66.0	58.2	87.2
268	83.0	71.9	107.9



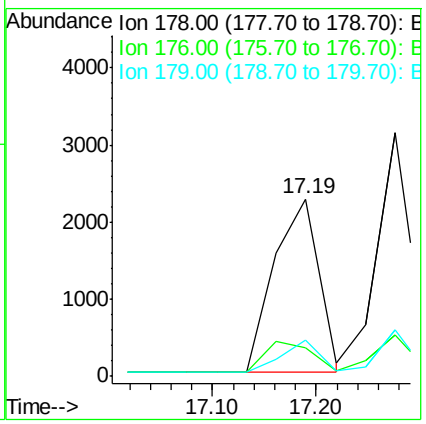


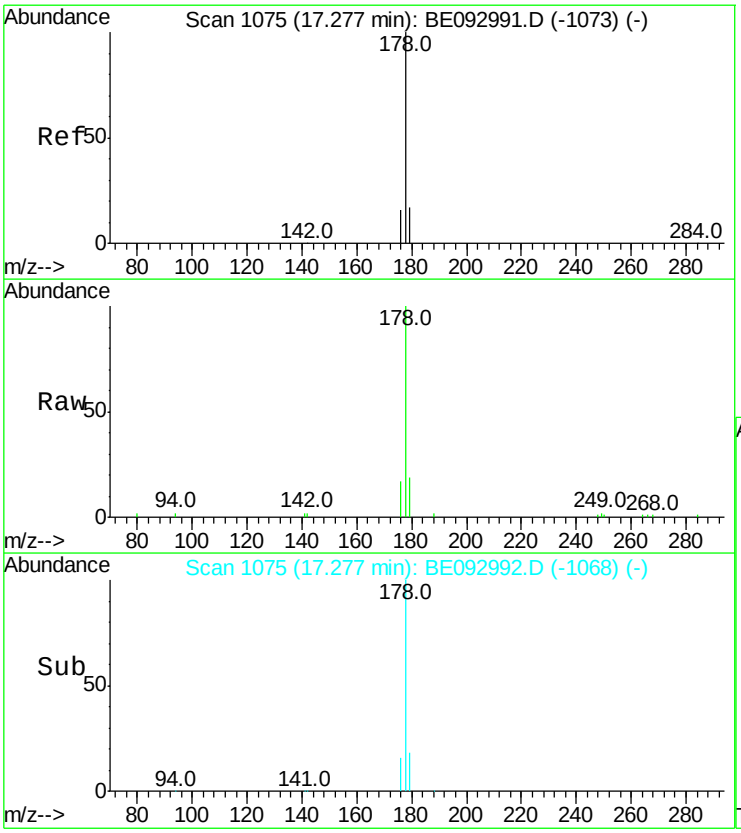
#23
Phenanthrene
Concen: 0.64 ng
RT: 17.19 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6760

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.8	12.7	19.1

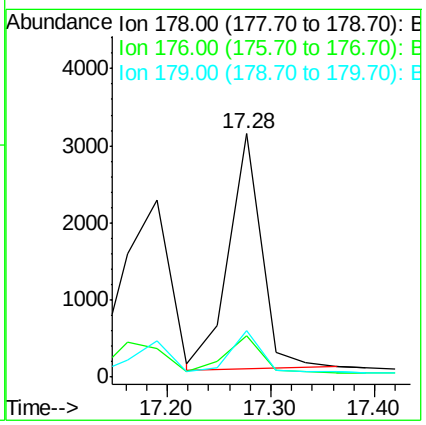


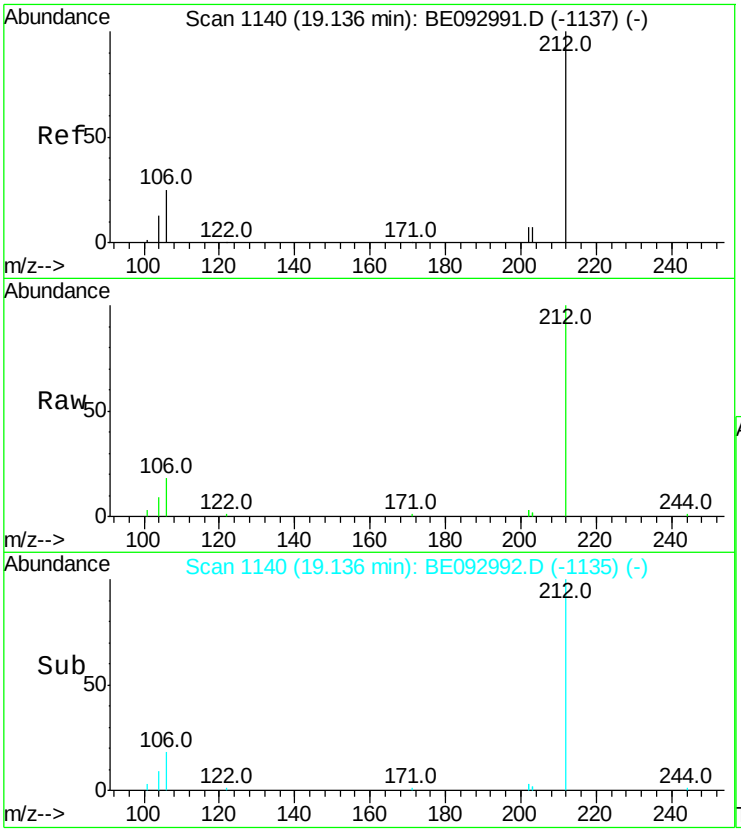


#24
Anthracene
Concen: 0.74 ng
RT: 17.28 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:178 Resp: 6751

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	16.6	12.0	18.0



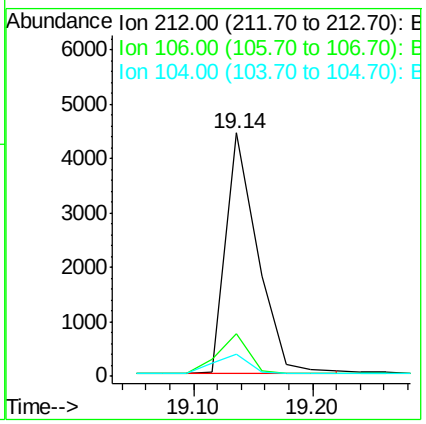


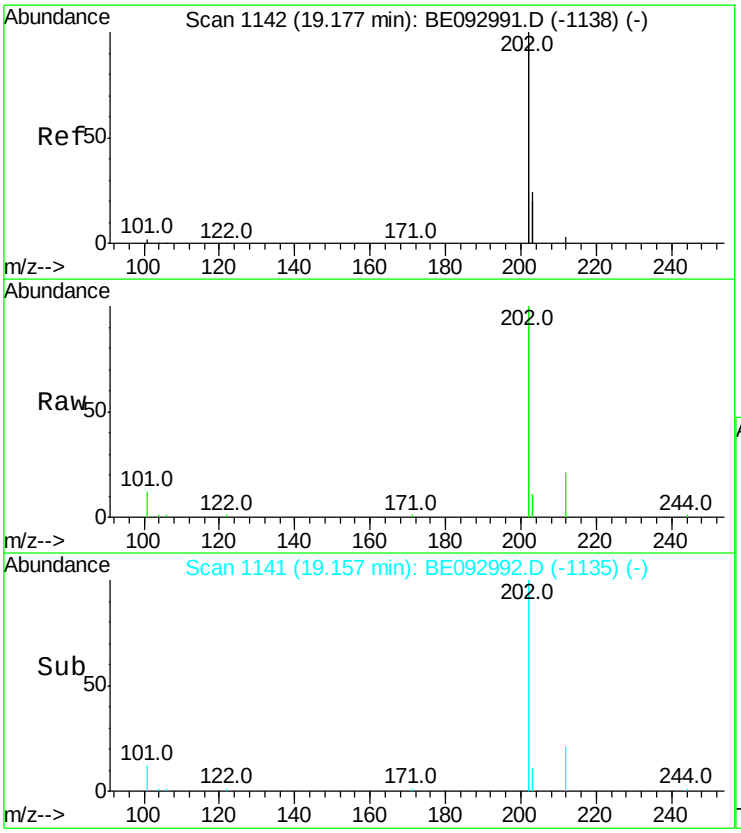
#25
Fluoranthene-d10
Concen: 0.73 ng
RT: 19.14 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 8216

Ion	Ratio	Lower	Upper
212	100		
106	16.6	0.0	0.0#
104	9.1	0.0	0.0#

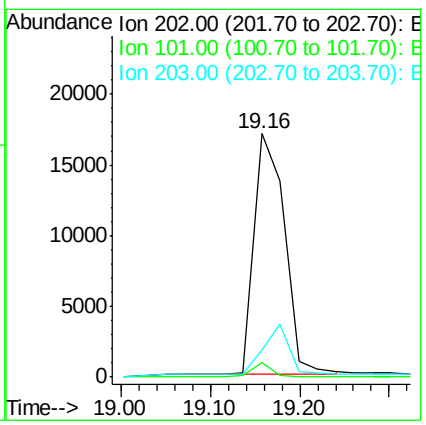


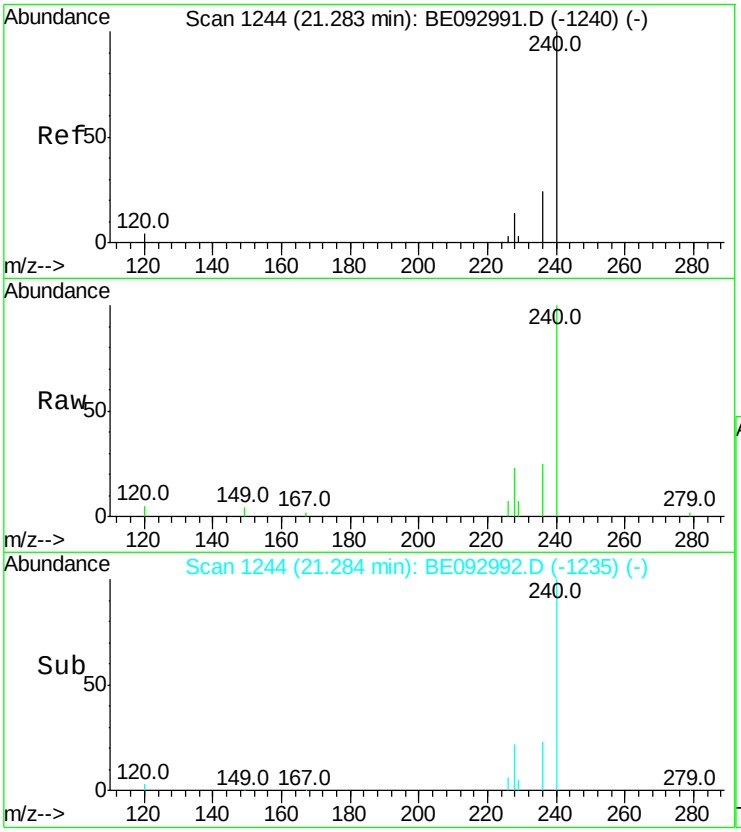


#26
Fluoranthene
Concen: 0.73 ng
RT: 19.16 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:202 Resp: 40484

Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	0.0#
203	0.0	14.4	21.6#



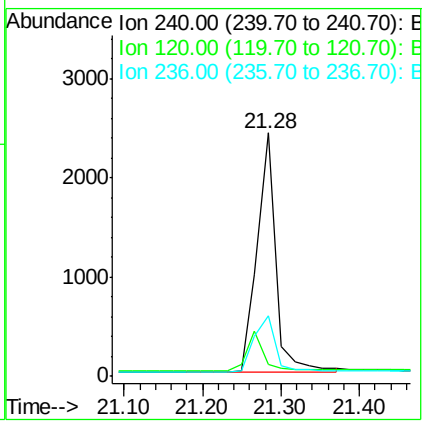


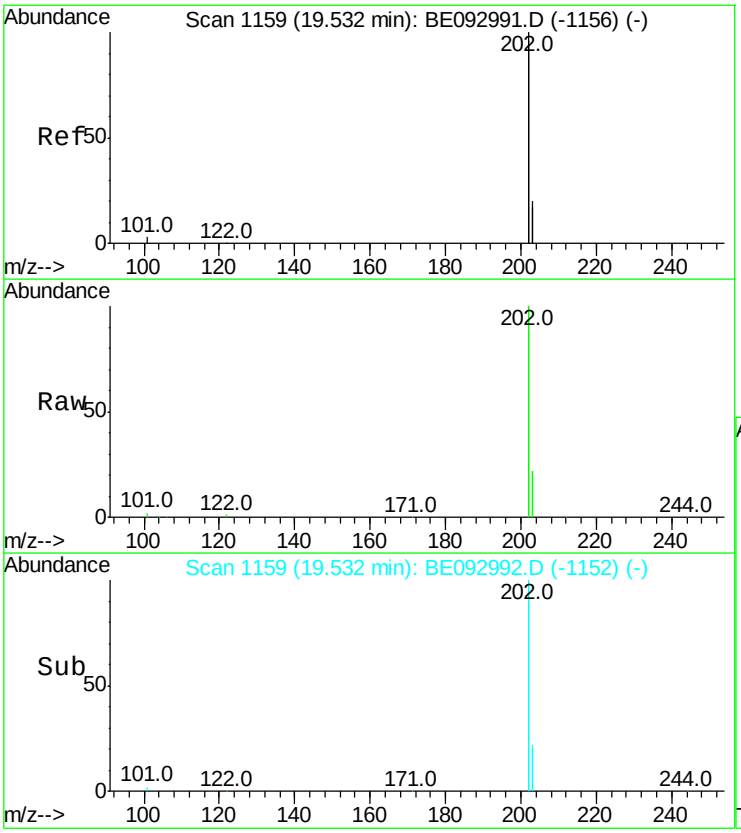
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4030

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	7.0
236	24.9	20.8	31.2

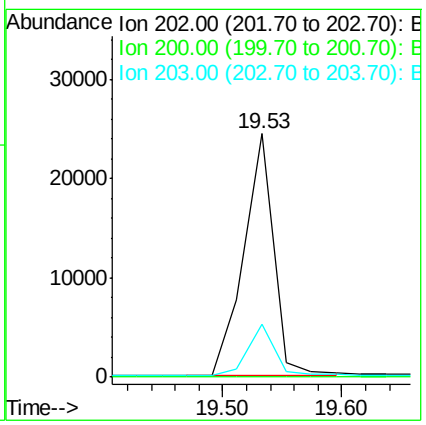


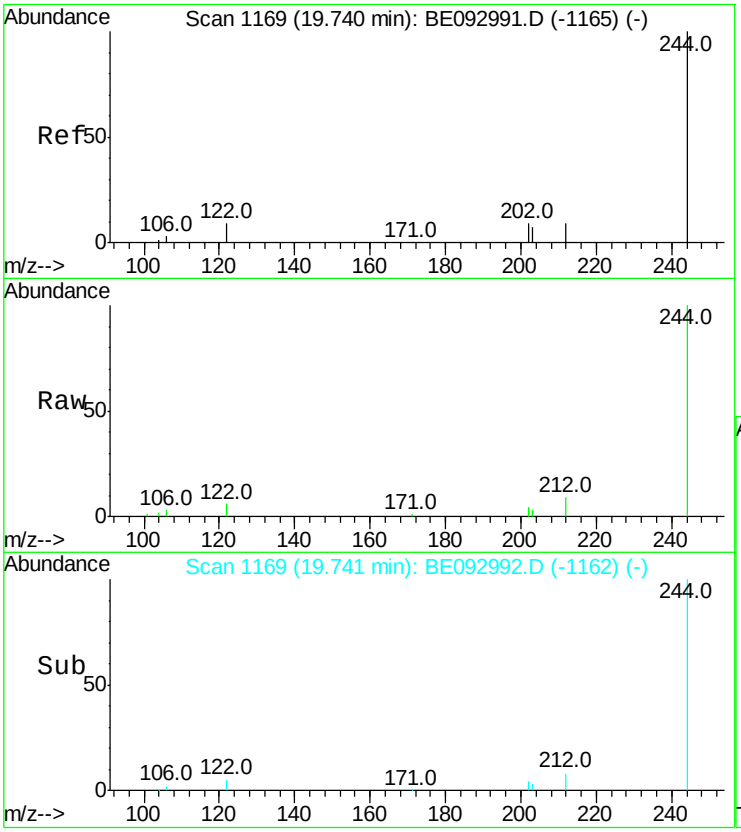


#28
Pyrene
Concen: 0.82 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:202 Resp: 42211

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.6	13.7	20.5



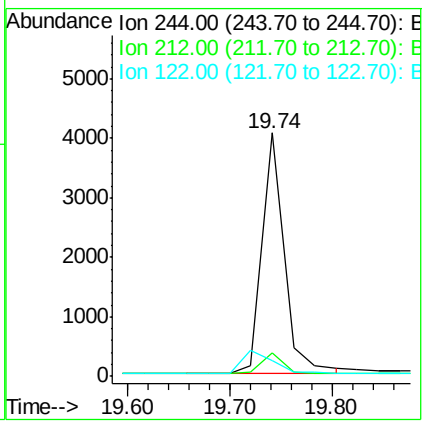


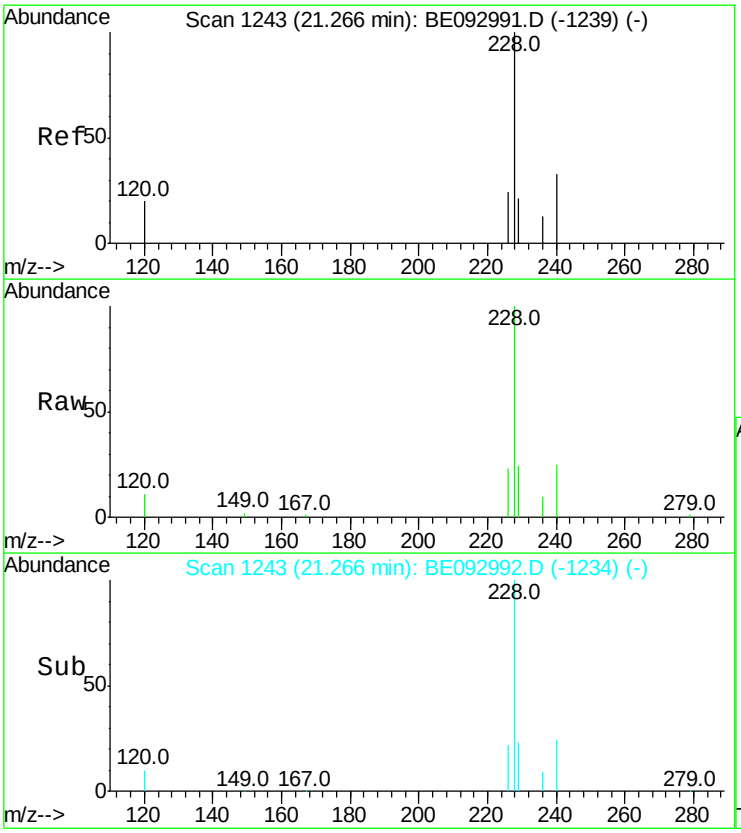
#29
Terphenyl-d14
Concen: 0.86 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6037

Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.6	16.0#
122	6.2	15.4	23.0#

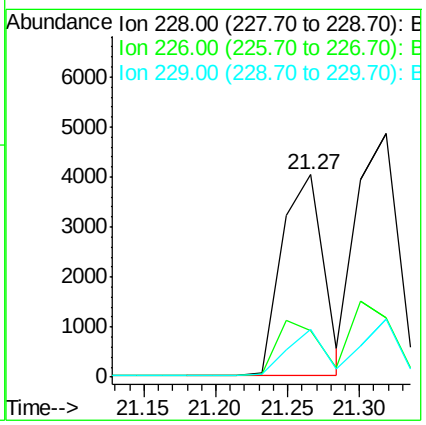


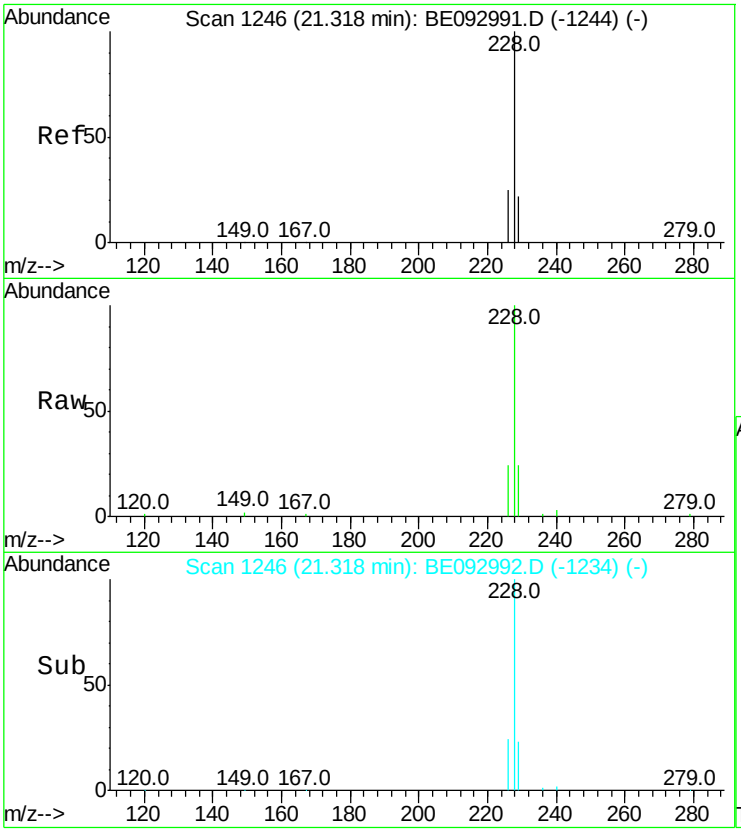


#30
Benzo(a)anthracene
Concen: 0.84 ng
RT: 21.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:228 Resp: 8060

Ion	Ratio	Lower	Upper
228	100		
226	22.8	19.7	29.5
229	23.9	19.2	28.8



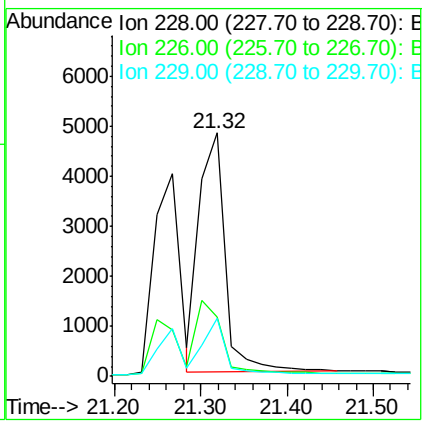


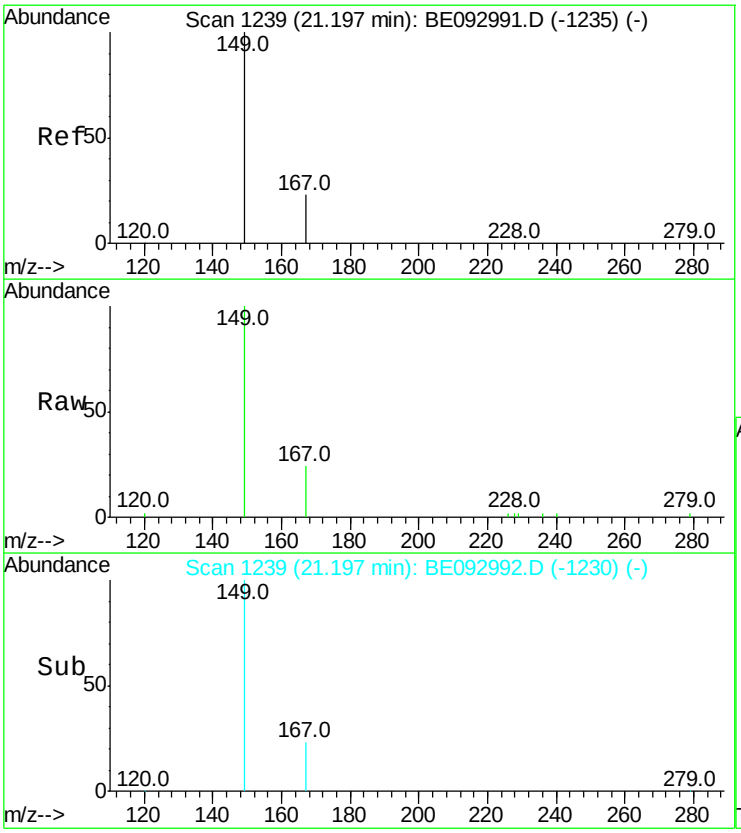
#31
Chrysene
Concen: 0.81 ng
RT: 21.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10148

Ion	Ratio	Lower	Upper
228	100		
226	24.4	21.5	32.3
229	23.8	18.6	28.0

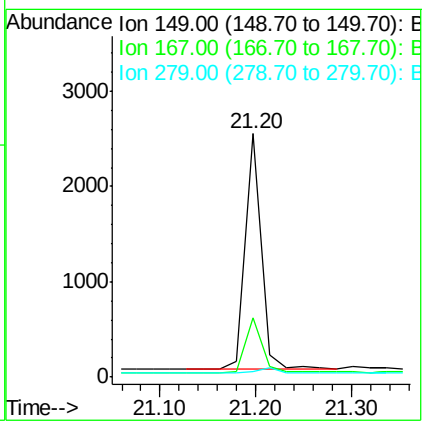


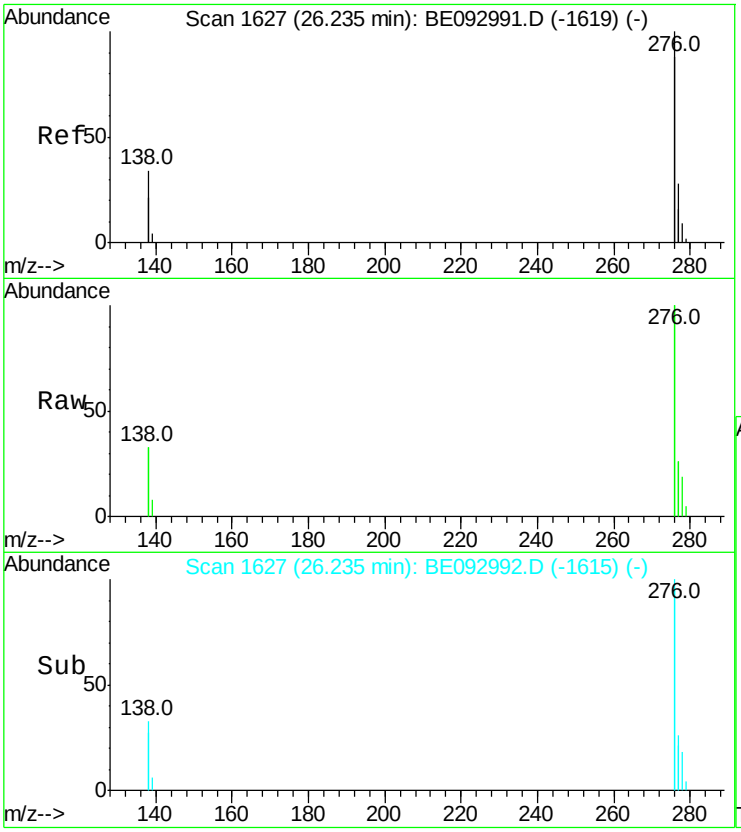


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.68 ng
RT: 21.20 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:149 Resp: 2911

Ion	Ratio	Lower	Upper
149	100		
167	23.9	20.1	30.1
279	2.6	2.2	3.4



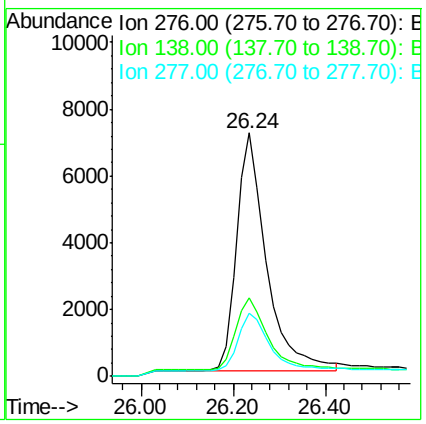


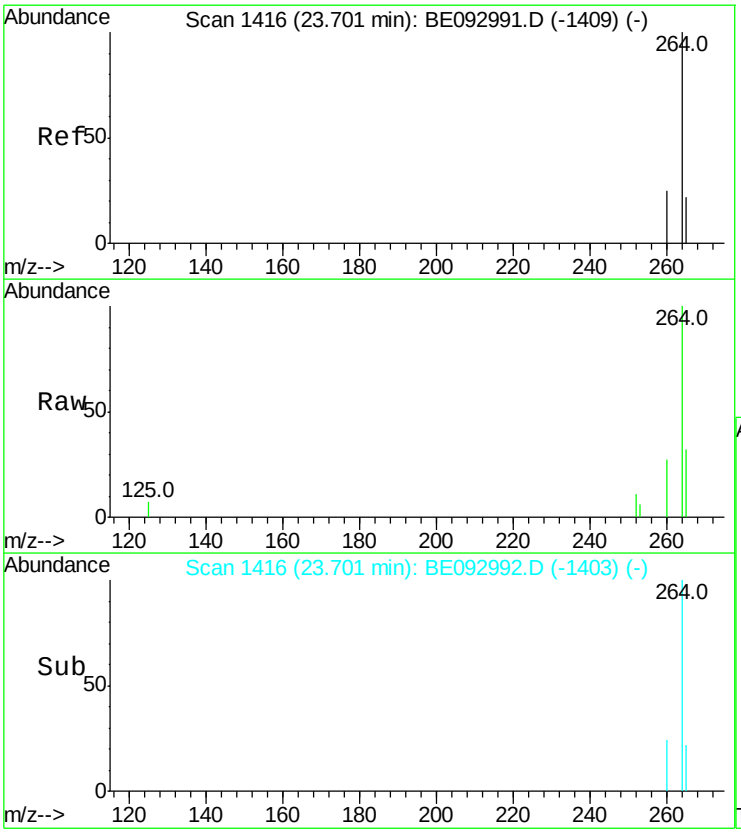
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.81 ng
RT: 26.24 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 31765

Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.4	41.2
277	24.9	20.1	30.1

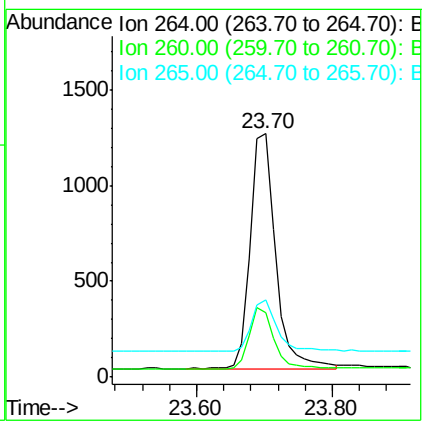


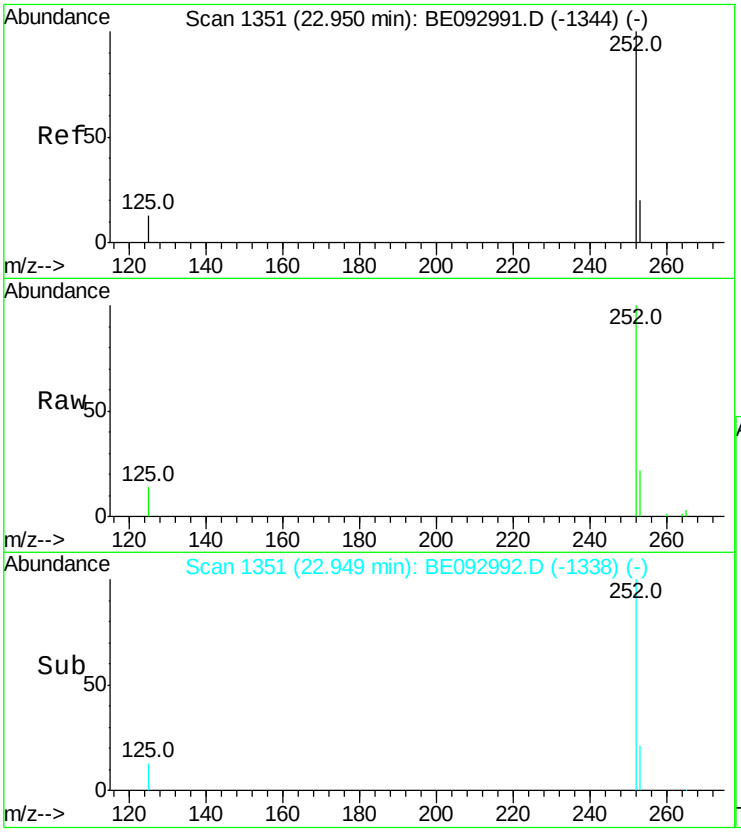


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:264 Resp: 3120

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.4
265	31.8	24.6	36.8



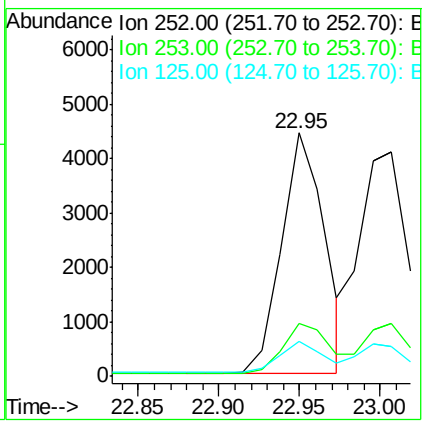


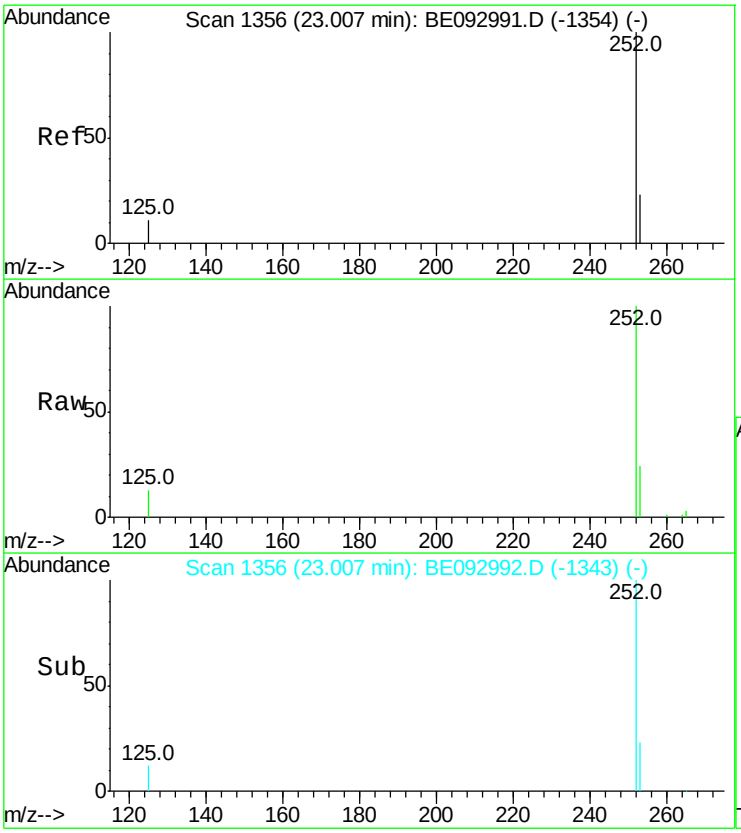
#35
Benzo(b)fluoranthene
Concen: 0.83 ng
RT: 22.95 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8209

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	14.3	13.4	20.0

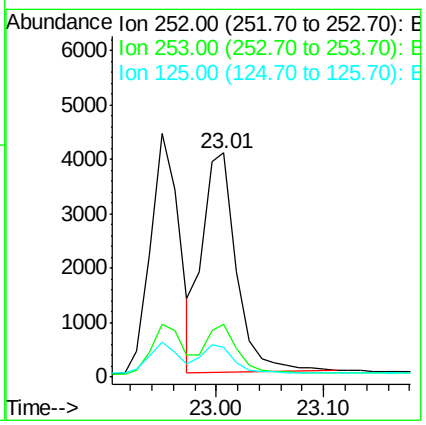


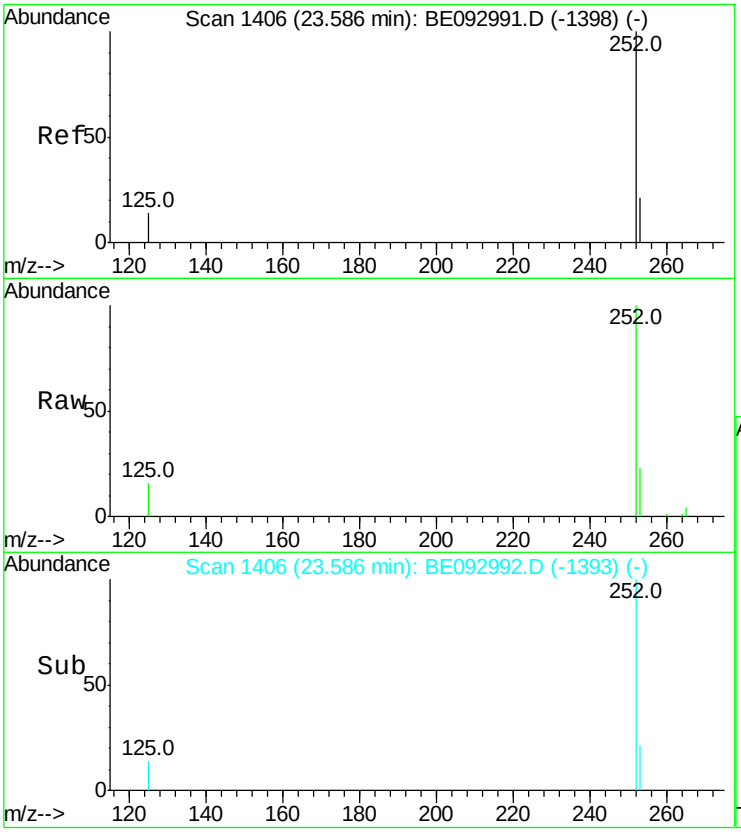


#36
Benzo(k)fluoranthene
Concen: 0.90 ng
RT: 23.01 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:252 Resp: 8812

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	13.3	12.2	18.4



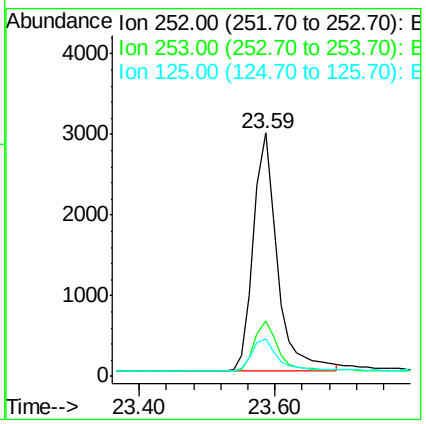


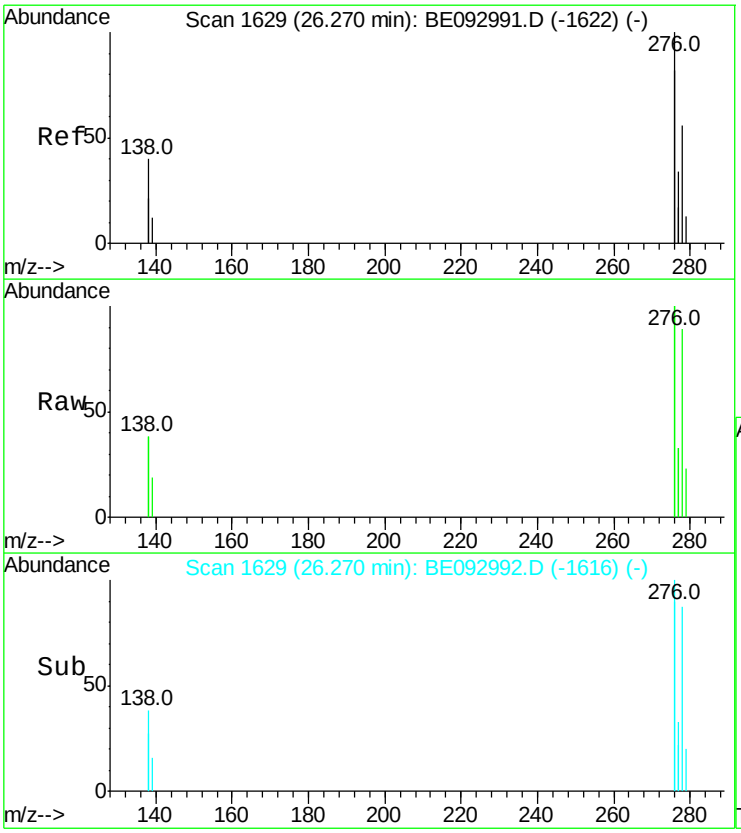
#37
Benzo(a)pyrene
Concen: 0.83 ng
RT: 23.59 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7127

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.9	29.9
125	15.6	14.6	21.8

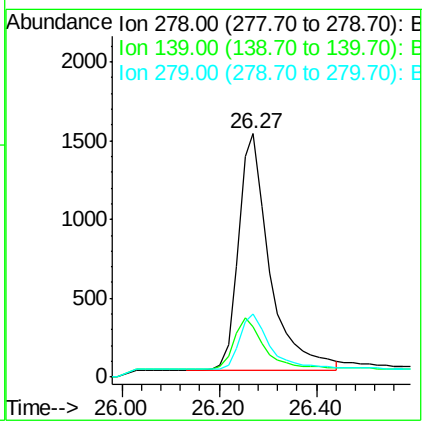


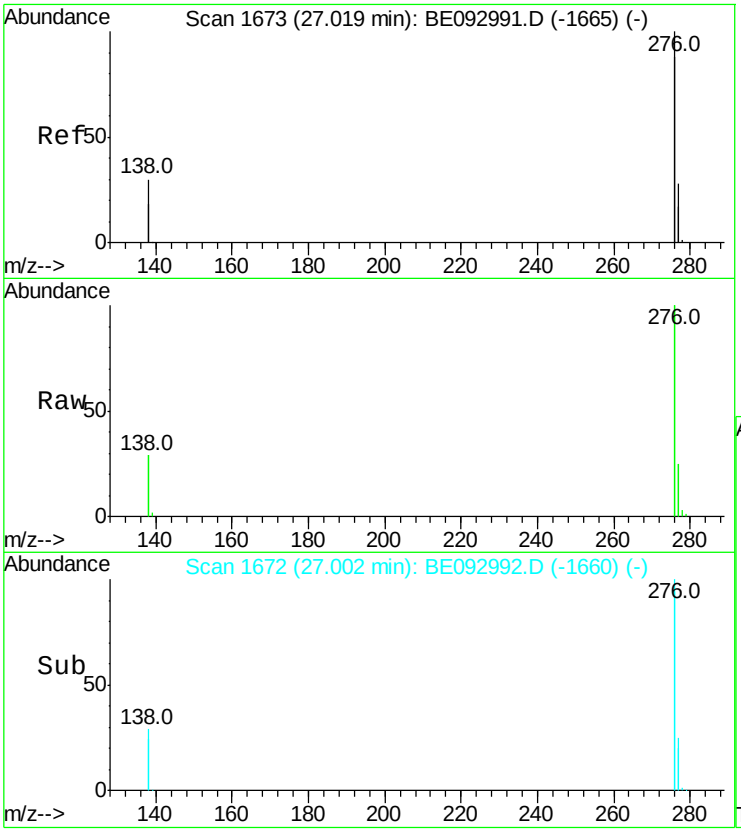


#38
Dibenzo(a,h)anthracene
Concen: 0.86 ng
RT: 26.27 min Scan# 1629
Delta R.T. 0.02 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Tgt Ion:278 Resp: 6679

Ion	Ratio	Lower	Upper
278	100		
139	20.8	21.4	32.0#
279	25.8	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.85 ng
RT: 27.00 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE092992.D
Acq: 11 May 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 30395

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.2	31.8
138	29.4	24.5	36.7