Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093097.D
Acq On : 12 Jun 2017 10:22
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jun 12 12:07:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 12:06:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	619	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	2881	0.40	ng		-0.02
13) Acenaphthene-d10	14.37	164	1369	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	2683	0.40	ng		0.00
27) Chrysene-d12	21.27	240	4249	0.40	ng		0.00
34) Perylene-d12	23.67	264	3715	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	366	0.19	ng		0.00
5) Phenol-d6	6.90	99	509	0.20	ng		0.00
8) Nitrobenzene-d5	8.88	82	451	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	1555	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	58	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	1241	0.22	ng		0.00
25) Fluoranthene-d10	19.12	212	1907	0.27	ng		0.00
29) Terphenyl-d14	19.72	244	1678	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	287	0.229	ng		95
3) n-Nitrosodimethylamine	3.59	42	229	0.204	ng	#	97
6) bis(2-Chloroethyl)ether	7.15	93	456	0.219	ng	#	97
9) Naphthalene	10.56	128	1551	0.204	ng	#	94
10) Hexachlorobutadiene	10.87	225	223	0.224	ng		95
12) 2-Methylnaphthalene	12.18	142	943	0.200	ng		94
16) Acenaphthylene	14.08	152	4628	0.193	ng		99
17) Acenaphthene	14.44	154	902	0.209	ng		98
18) Fluorene	15.41	166	1070	0.202	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	318	0.381	ng	#	88
21) Hexachlorobenzene	16.44	284	324	0.296	ng	#	100
22) Pentachlorophenol	16.79	266	91	0.271	ng		92
23) Phenanthrene	17.16	178	2586	0.445	ng		98
24) Anthracene	17.25	178	2077	0.380	ng		100
26) Fluoranthene	19.16	202	9088	0.275	ng	#	99
28) Pyrene	19.51	202	10388	0.203	ng	#	98
30) Benzo(a)anthracene	21.23	228	2301	0.199	ng	#	85
31) Chrysene	21.28	228	2610	0.211	ng	#	84
32) Bis(2-ethylhexyl)phthalate	21.18	149	1014	0.152	ng		99
33) Indeno(1,2,3-cd)pyrene	26.17	276	9393	0.208	ng		100
35) Benzo(b)fluoranthene	22.93	252	2321	0.198	ng		97
36) Benzo(k)fluoranthene	22.97	252	2303	0.196	ng		98
37) Benzo(a)pyrene	23.55	252	2013	0.187	ng		96
38) Dibenzo(a,h)anthracene	26.20	278	2126	0.213	ng		97
39) Benzo(g,h,i)perylene	26.93	276	8770	0.202	ng		96

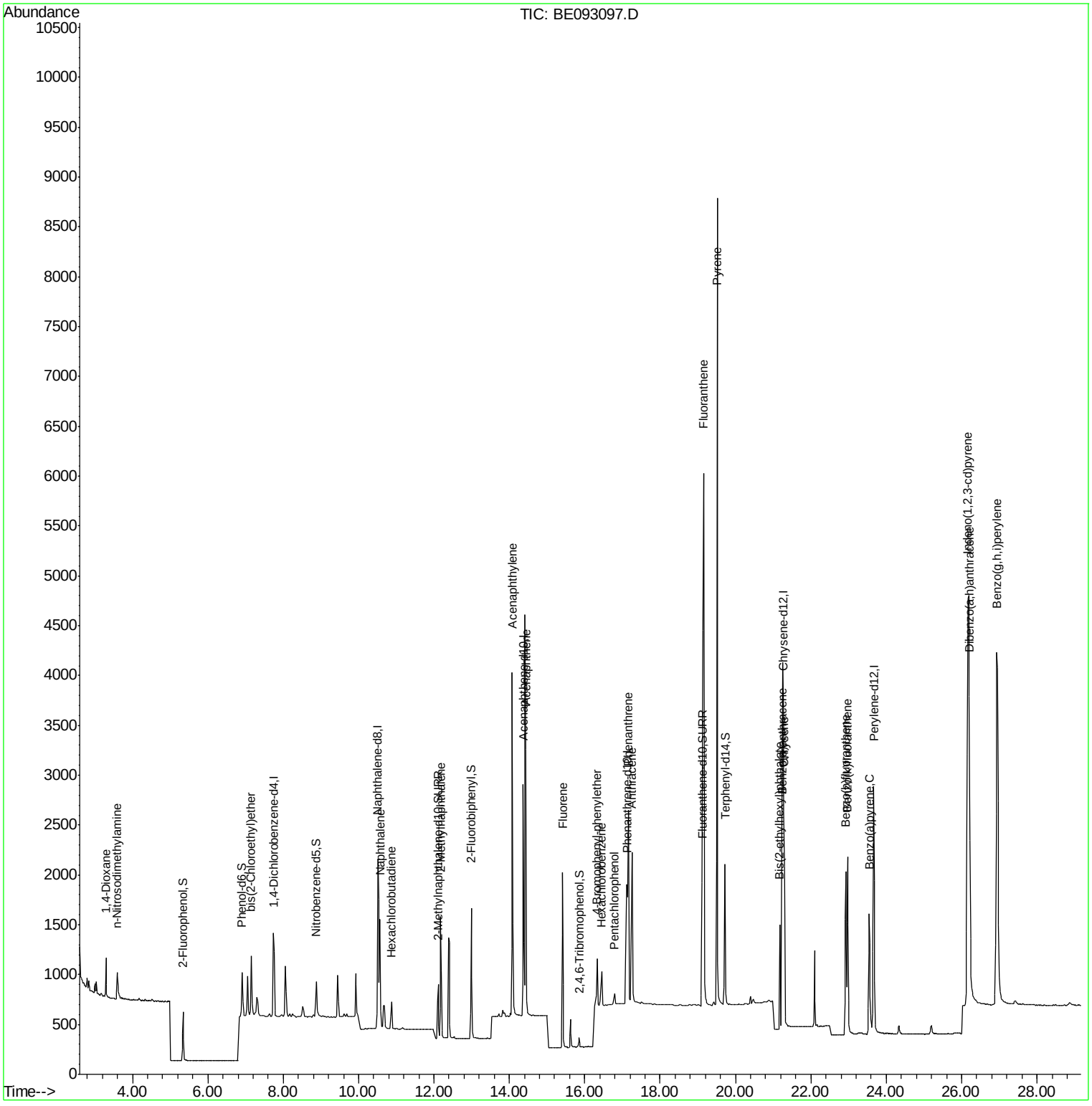
(#) = qualifier out of range (m) = manual integration (+) = signals summed

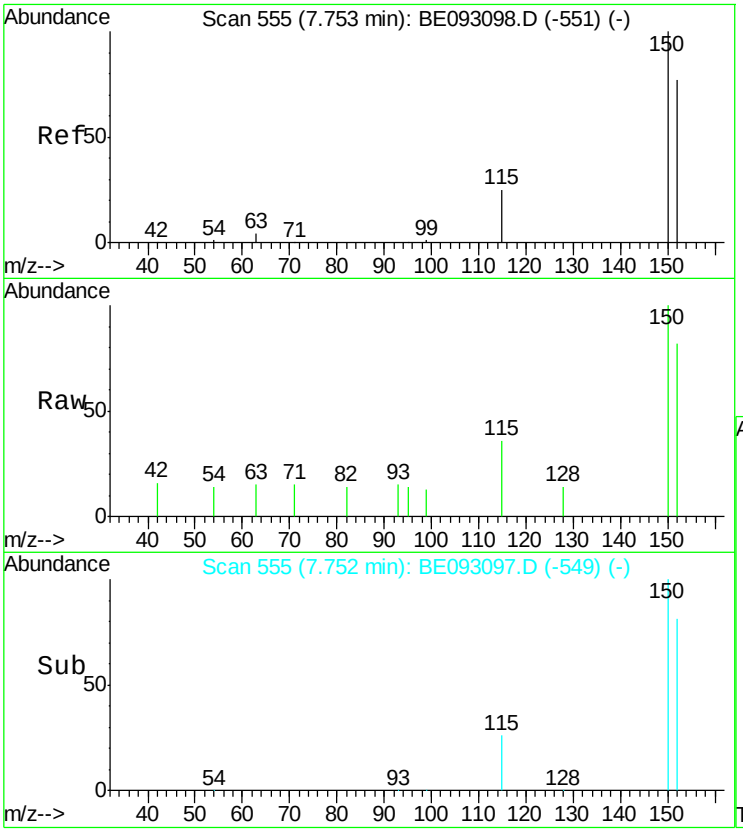
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093097.D
Acq On : 12 Jun 2017 10:22
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 12 12:07:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 12:06:04 2017
Response via : Initial Calibration



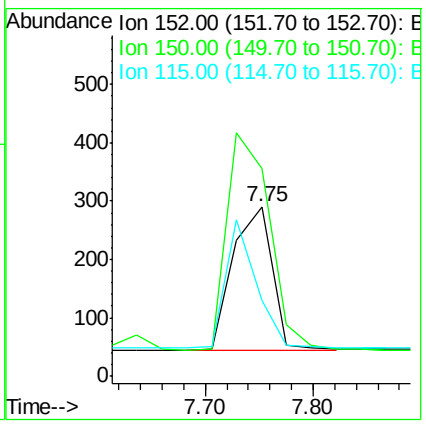


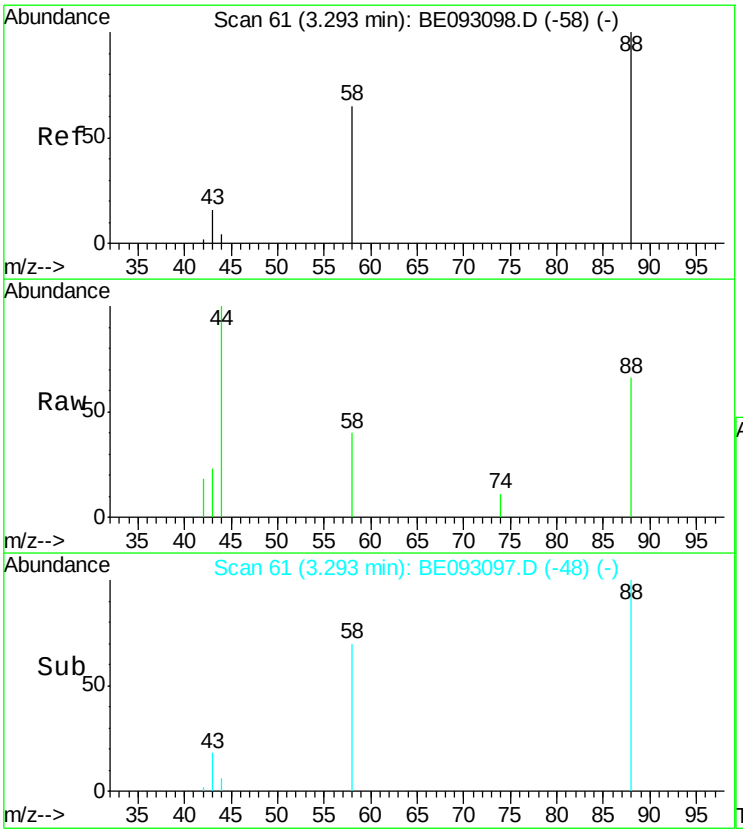
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 619

Ion	Ratio	Lower	Upper
152	100		
150	122.4	125.1	187.7#
115	44.5	55.7	83.5#

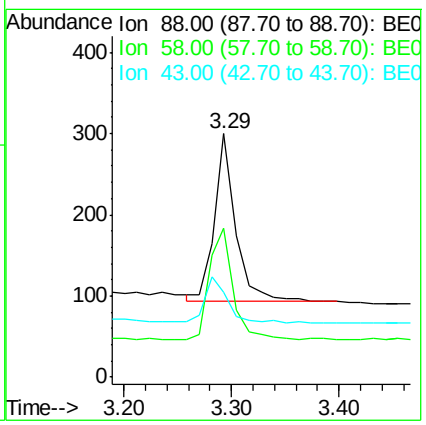


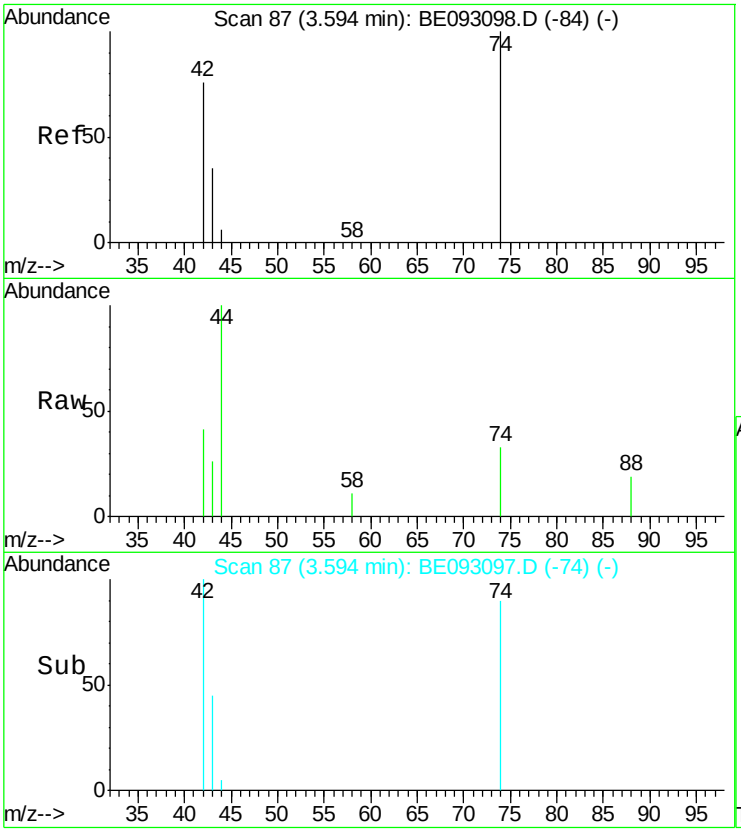


#2
1,4-Dioxane
Concen: 0.229 ng
RT: 3.29 min Scan# 61
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion: 88 Resp: 287

Ion	Ratio	Lower	Upper
88	100		
58	72.1	62.2	93.4
43	28.9	23.2	34.8



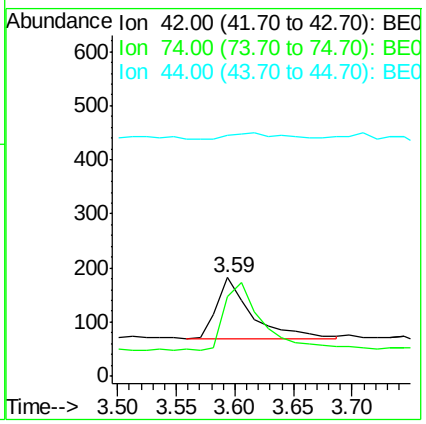


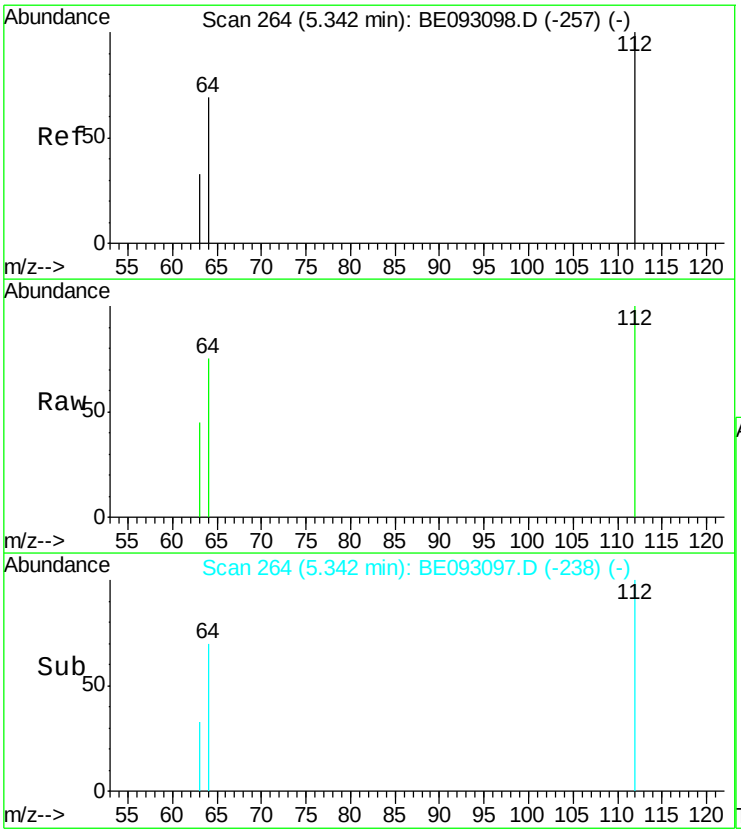
#3
n-Nitrosodimethylamine
Concen: 0.204 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 229

Ion	Ratio	Lower	Upper
42	100		
74	125.3	99.1	148.7
44	0.0	7.4	11.2#

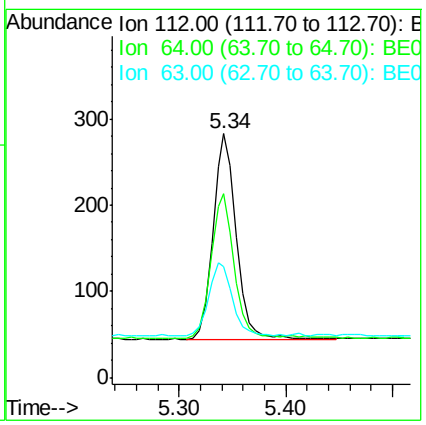


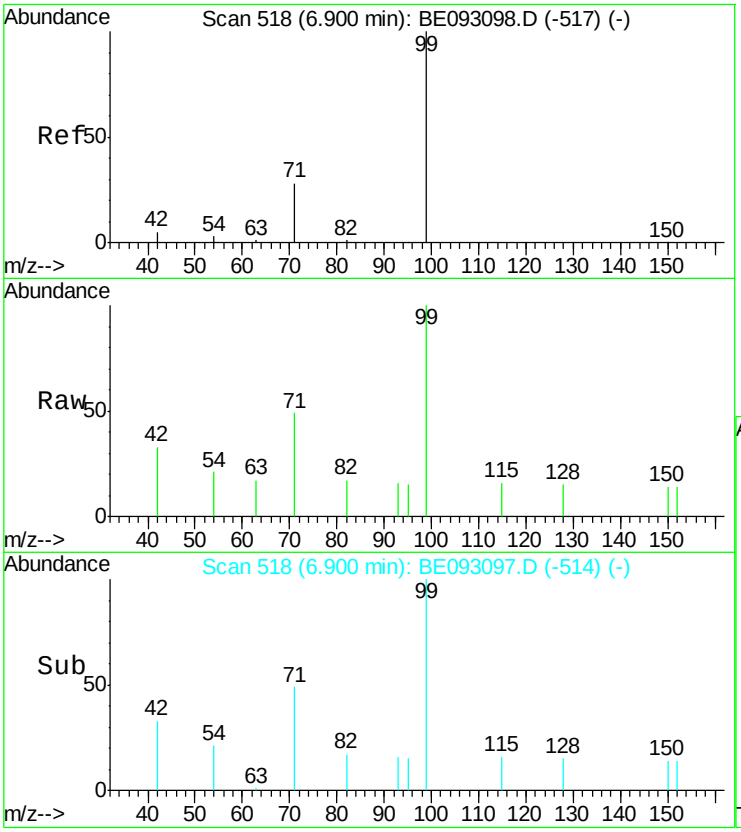


#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:112 Resp: 366

Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.4	84.6
63	34.7	29.3	43.9



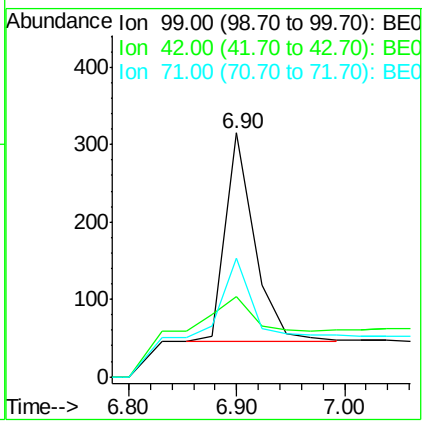


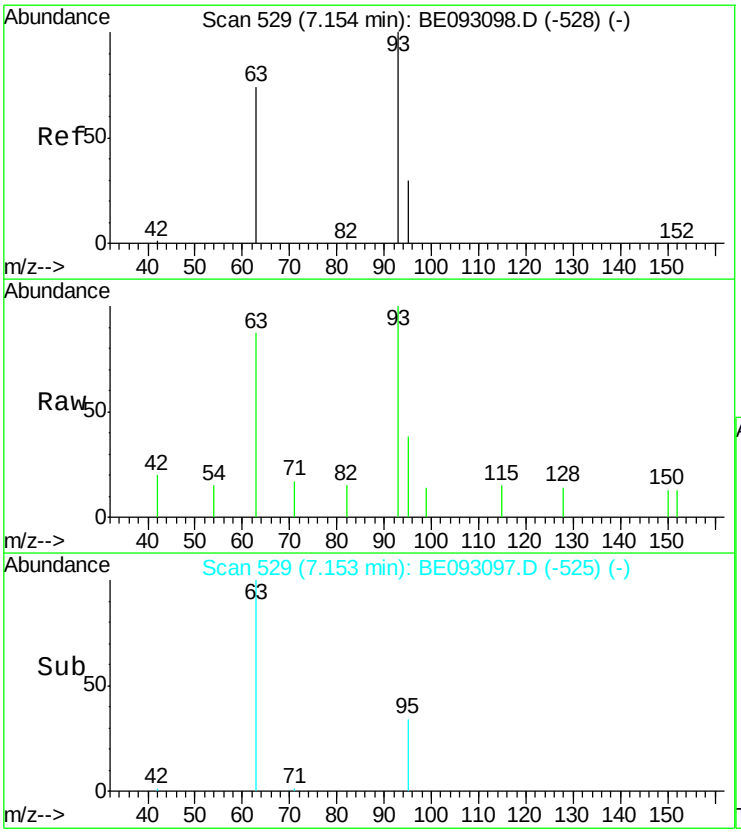
#5
Phenol-d6
Concen: 0.199 ng
RT: 6.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 509

Ion	Ratio	Lower	Upper
99	100		
42	20.6	0.0	0.0#
71	38.3	0.0	0.0#

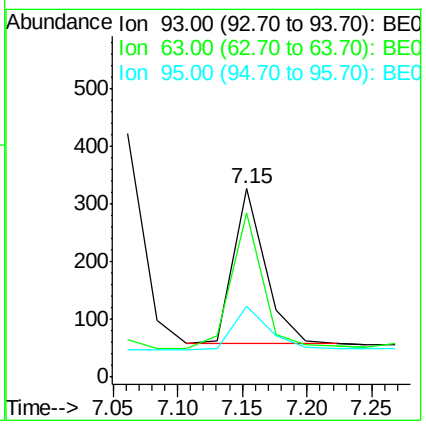


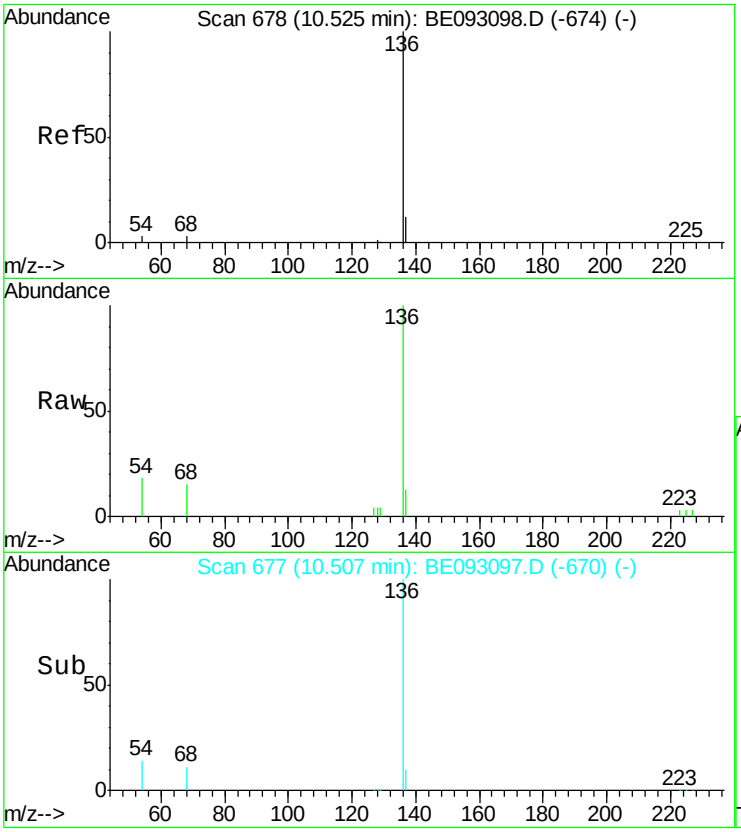


#6
bis(2-Chloroethyl)ether
Concen: 0.219 ng
RT: 7.15 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion: 93 Resp: 456

Ion	Ratio	Lower	Upper
93	100		
63	89.5	0.0	0.0#
95	33.1	25.4	38.0



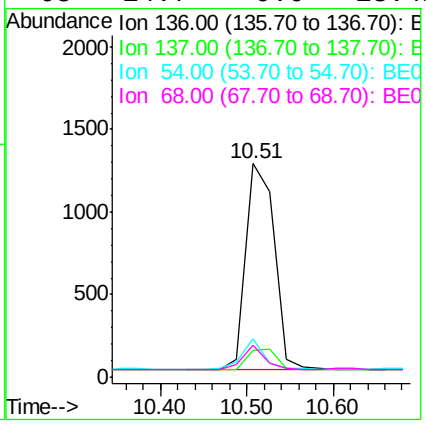


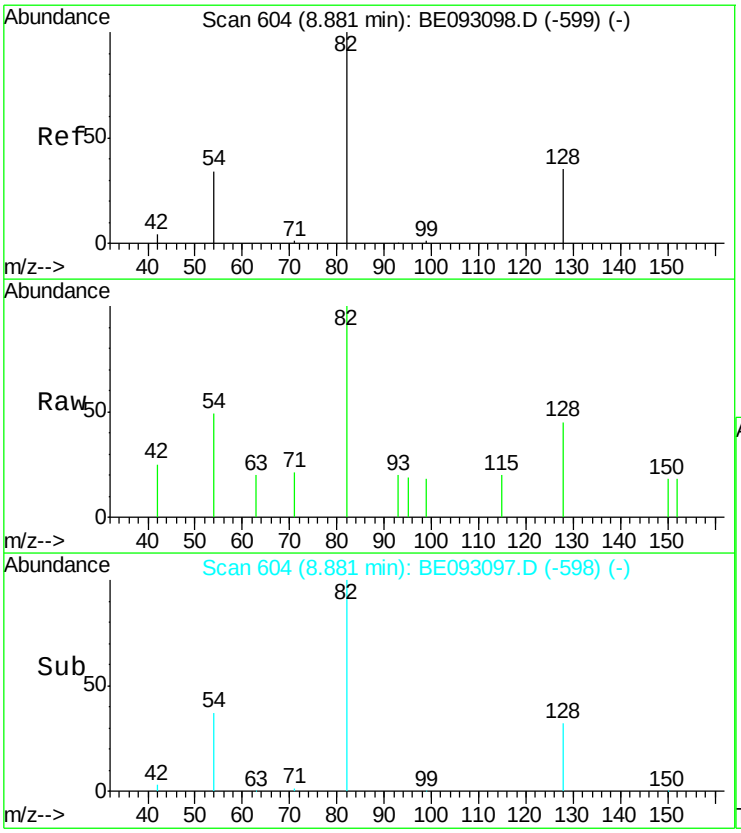
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 2881

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	17.9	10.3	15.5#
68	14.7	9.0	13.4#

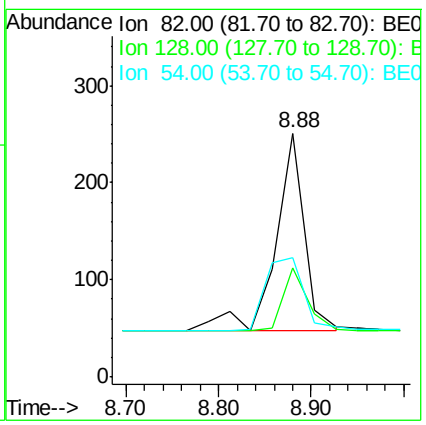


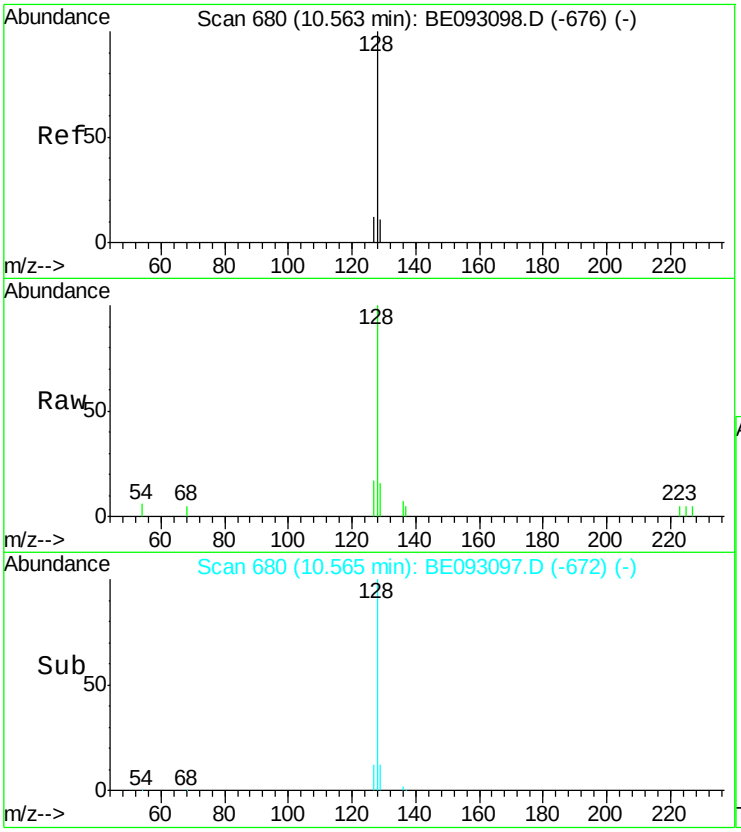


#8
Nitrobenzene-d5
Concen: 0.179 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion: 82 Resp: 451

Ion	Ratio	Lower	Upper
82	100		
128	44.6	17.0	25.4#
54	49.0	53.8	80.6#



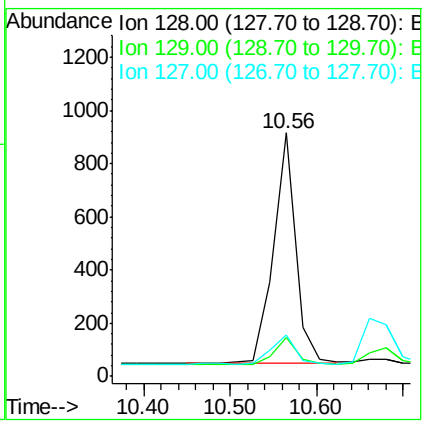


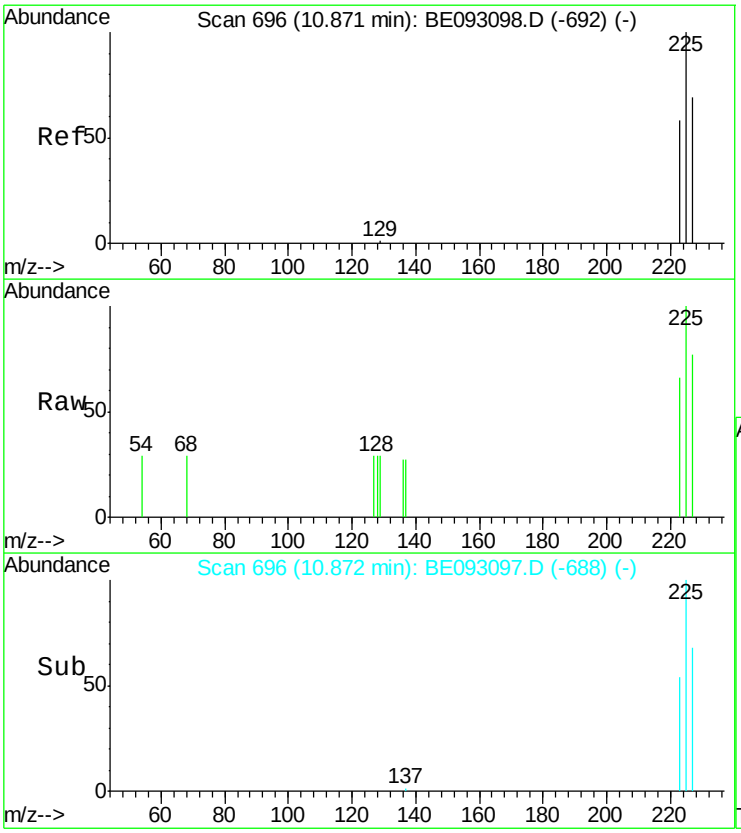
#9
Naphthalene
Concen: 0.204 ng
RT: 10.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1551

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.4	17.0
127	16.8	11.2	16.8#

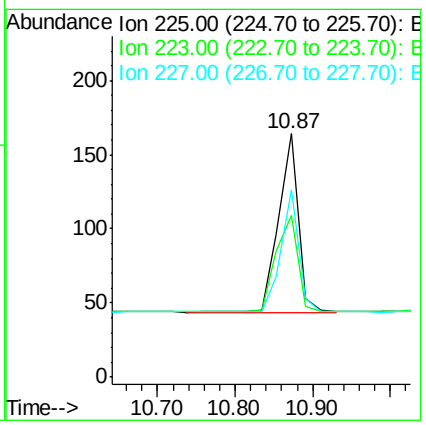


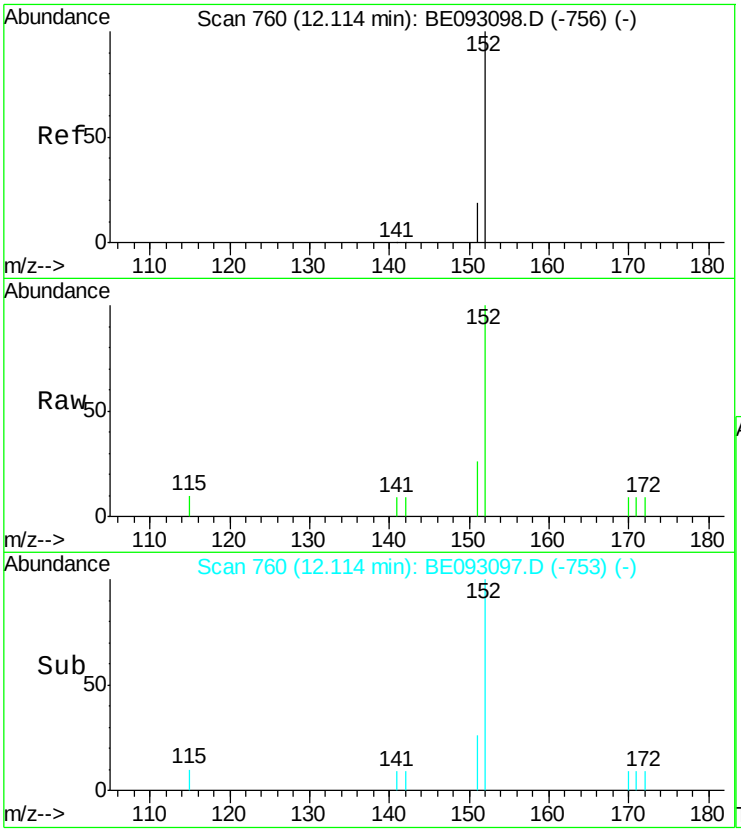


#10
Hexachlorobutadiene
Concen: 0.224 ng
RT: 10.87 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:225 Resp: 223

Ion	Ratio	Lower	Upper
225	100		
223	57.4	49.7	74.5
227	59.6	50.3	75.5



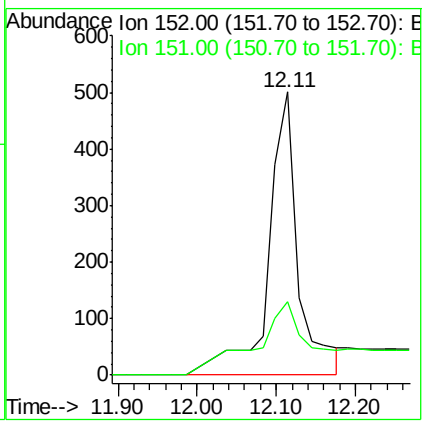


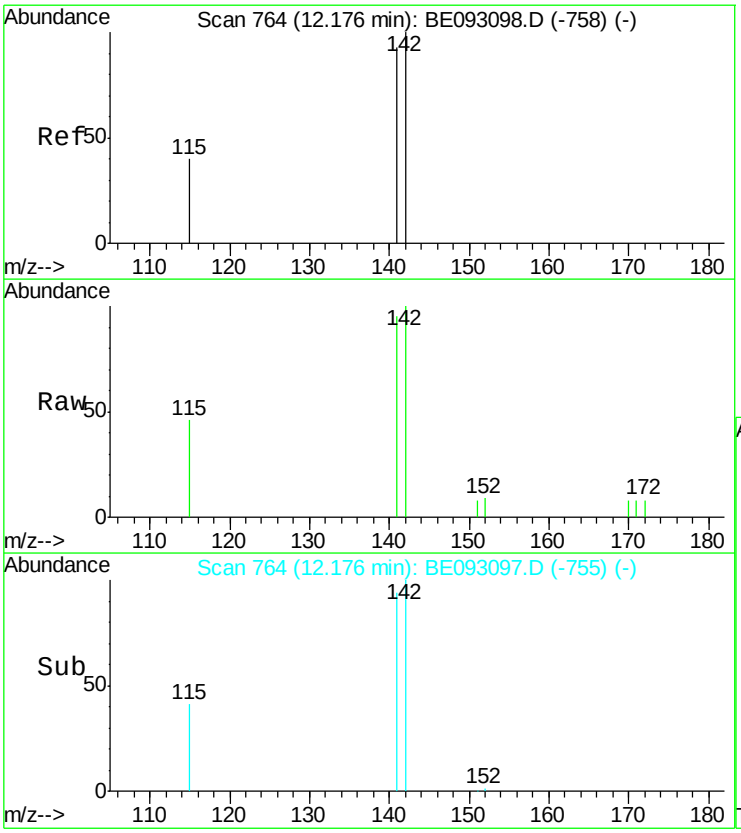
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1555

Ion	Ratio	Lower	Upper
152	100		
151	45.1	15.1	22.7#

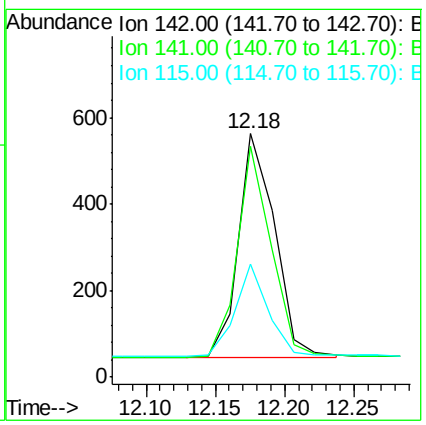


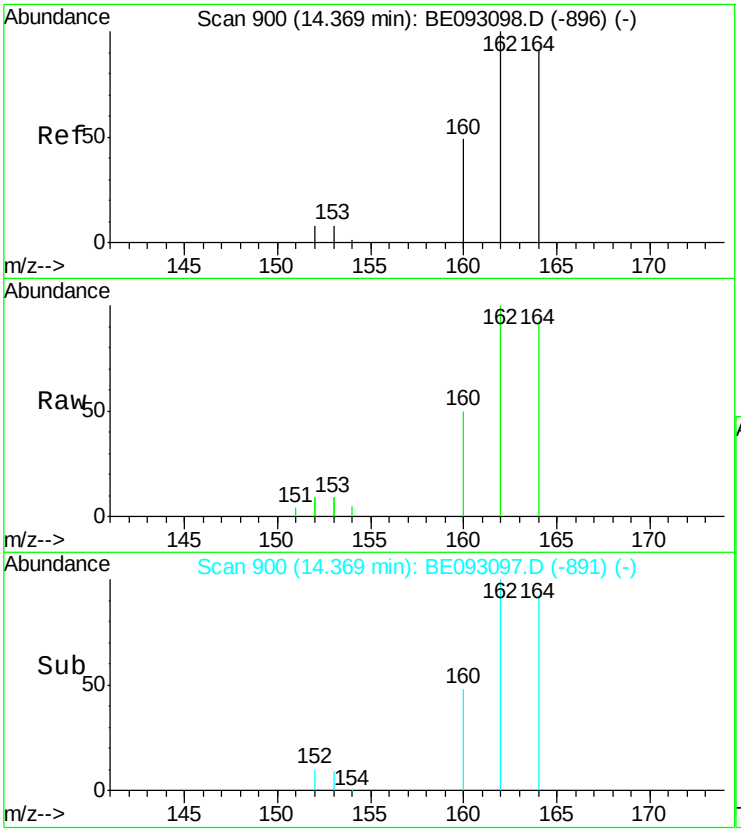


#12
2-Methylnaphthalene
Concen: 0.200 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:142 Resp: 943

Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.6	108.8
115	46.2	32.2	48.2



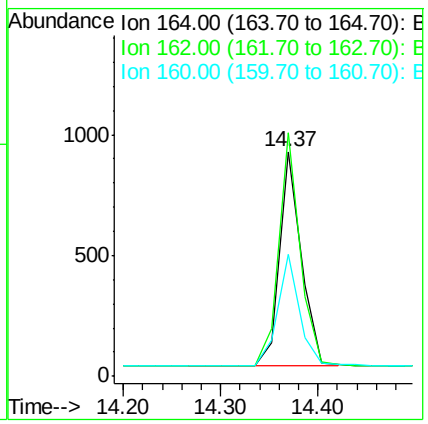


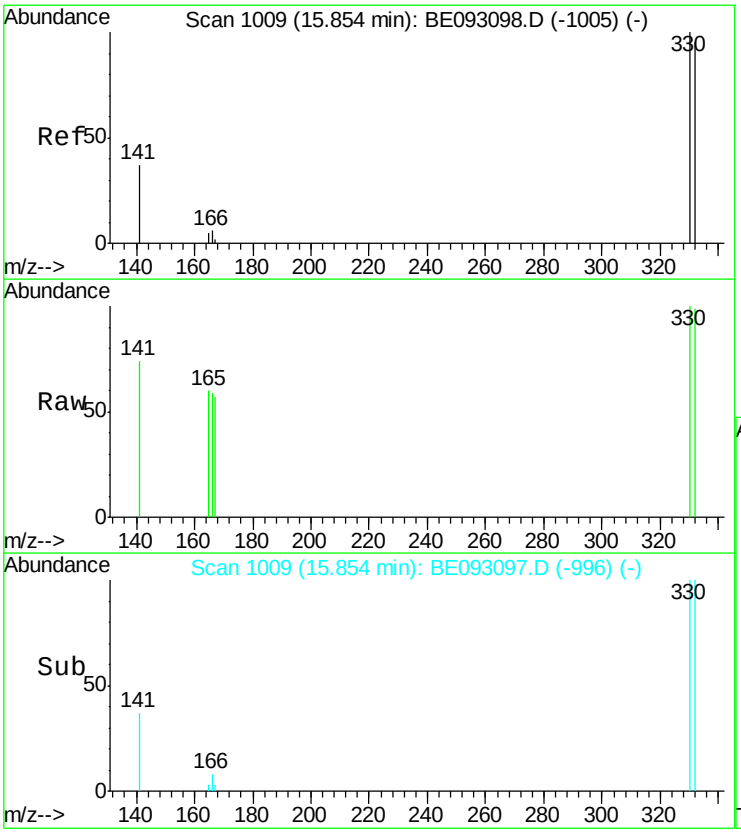
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 1369

Ion	Ratio	Lower	Upper
164	100		
162	108.4	84.6	127.0
160	54.5	41.8	62.6

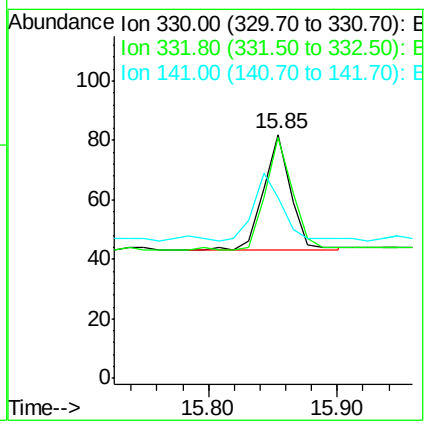


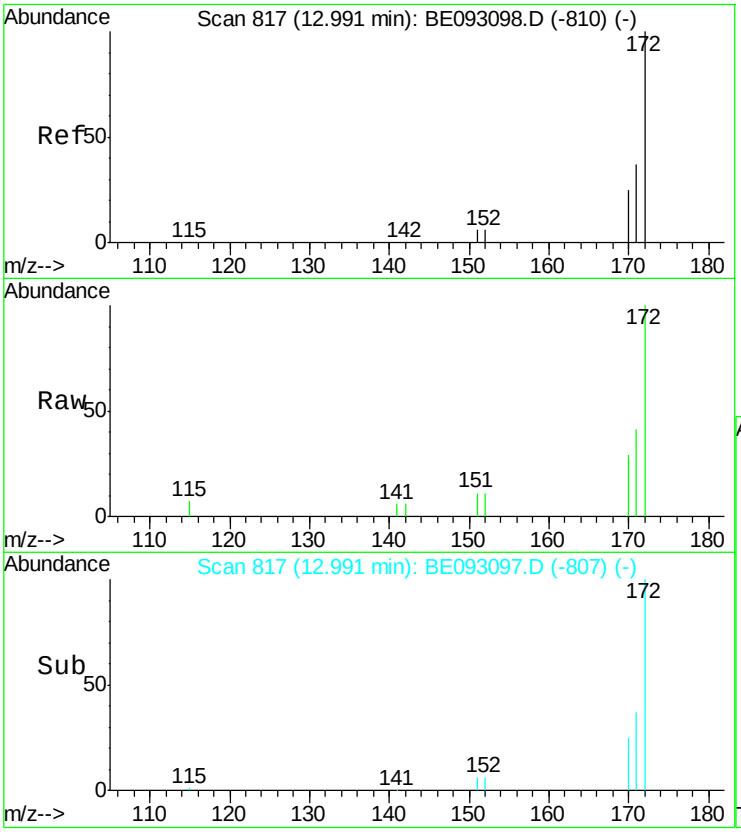


#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:330 Resp: 58

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.7	116.5
141	65.5	56.2	84.4



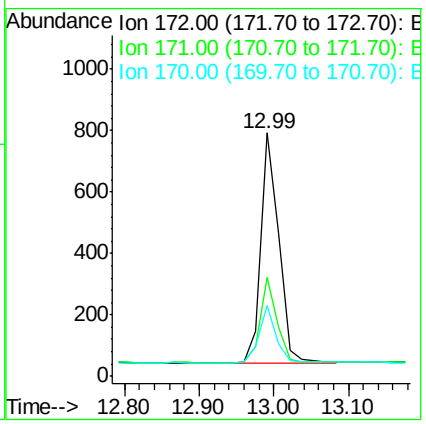


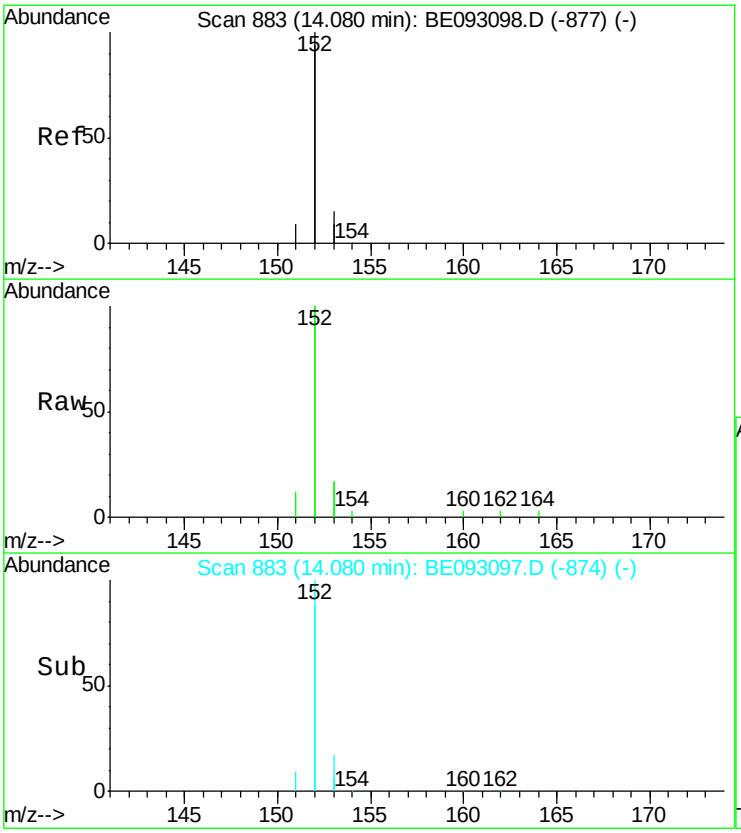
#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1241

Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.8	44.6
170	29.3	20.7	31.1

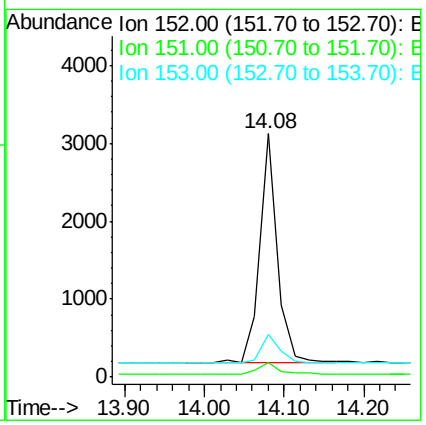


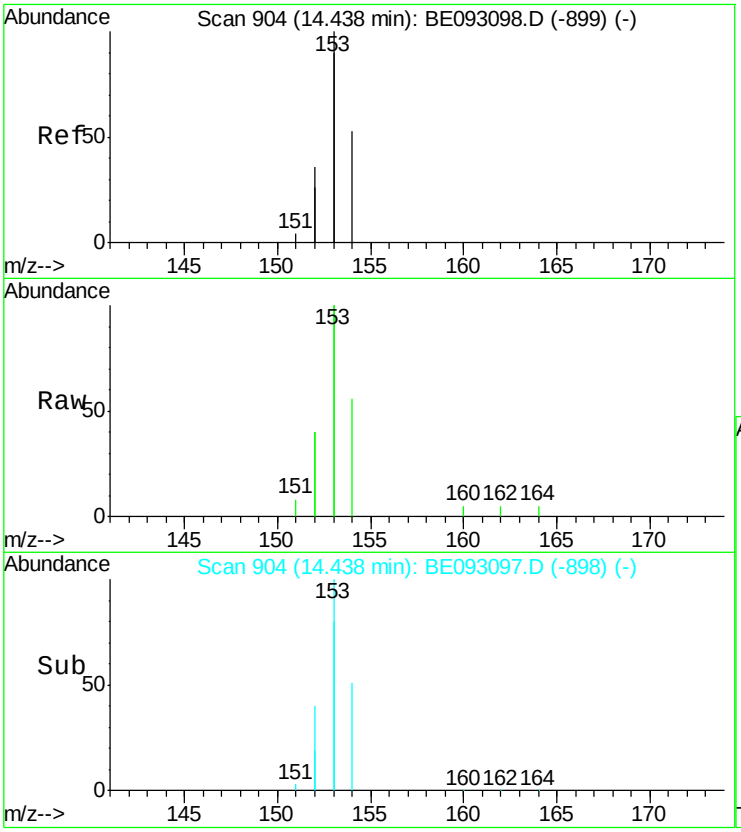


#16
Acenaphthylene
Concen: 0.193 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:152 Resp: 4628

Ion	Ratio	Lower	Upper
152	100		
151	4.7	4.0	6.0
153	13.2	10.3	15.5



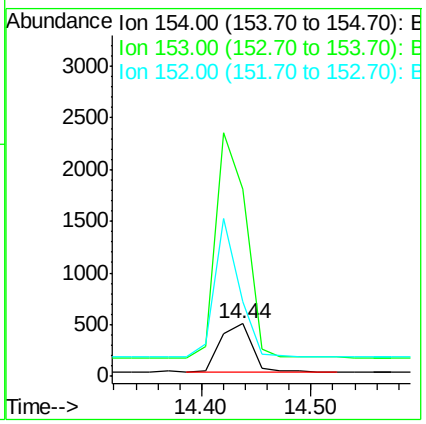


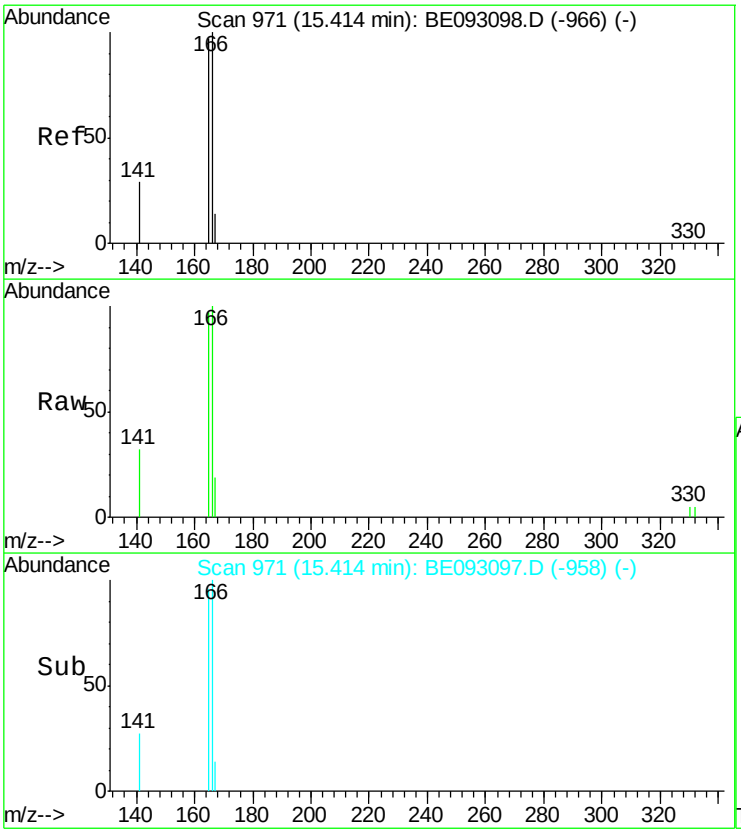
#17
Acenaphthene
Concen: 0.209 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 902

Ion	Ratio	Lower	Upper
154	100		
153	454.5	367.8	551.6
152	231.6	188.2	282.2

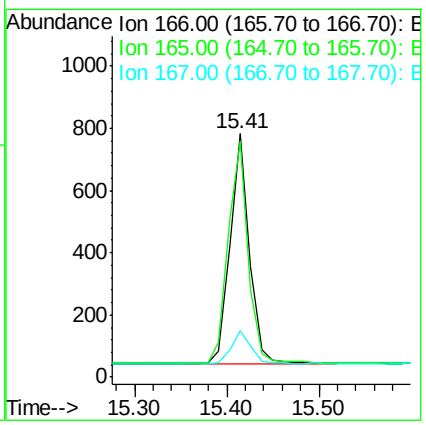


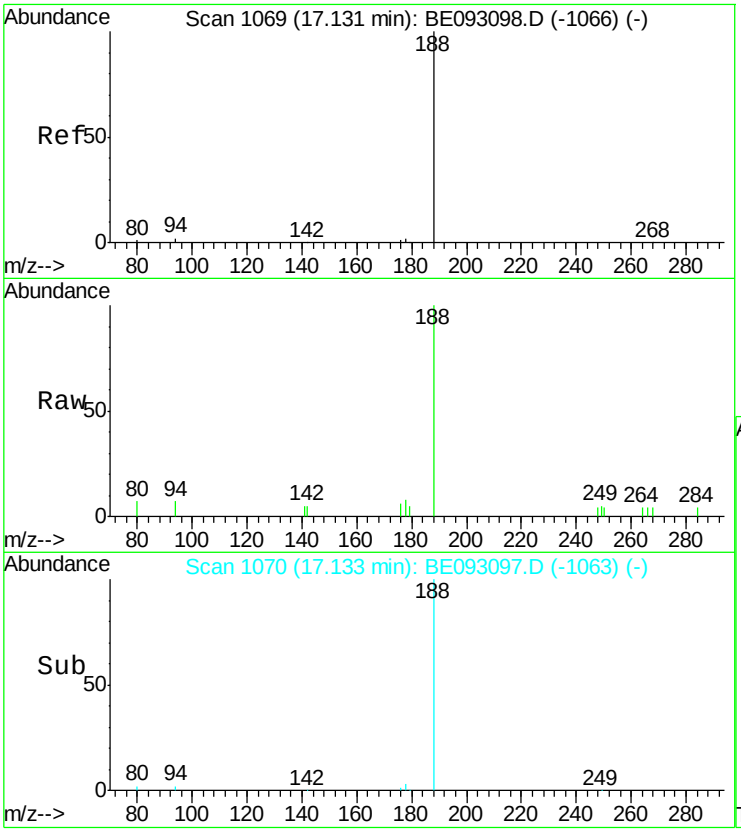


#18
Fluorene
Concen: 0.202 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:166 Resp: 1070

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	117.8
167	14.0	11.1	16.7



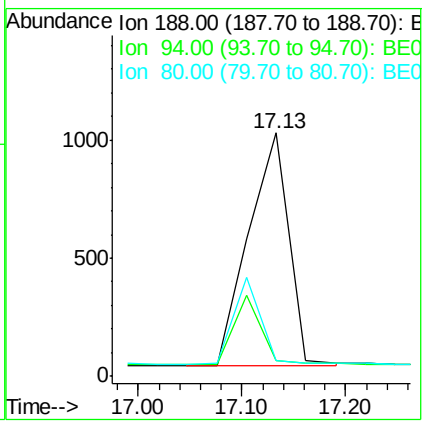


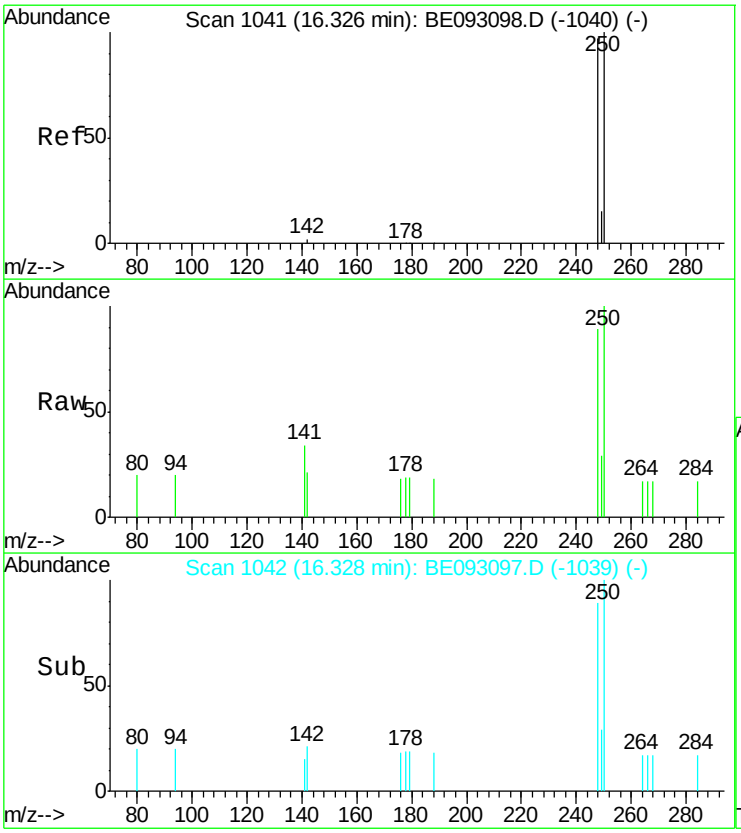
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 2683

Ion	Ratio	Lower	Upper
188	100		
94	6.6	11.3	16.9#
80	6.6	11.7	17.5#

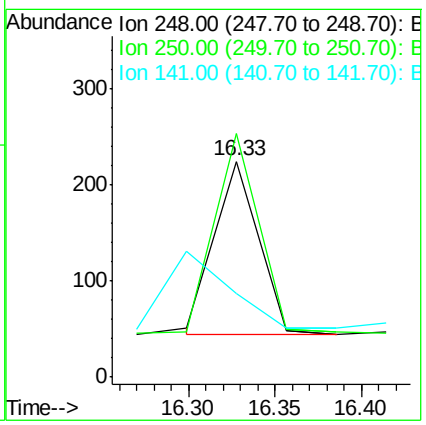


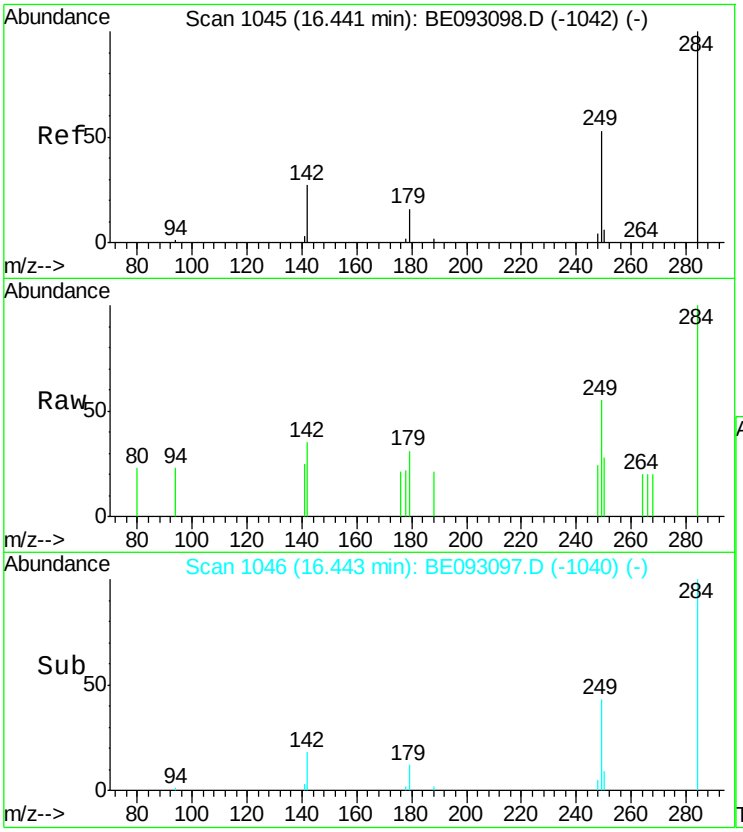


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.33 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:248 Resp: 318

Ion	Ratio	Lower	Upper
248	100		
250	112.9	100.0	150.0
141	38.8	40.0	60.0#



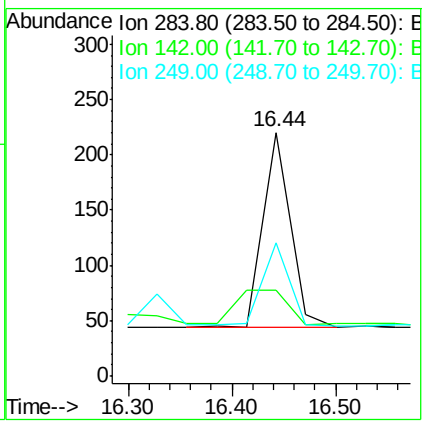


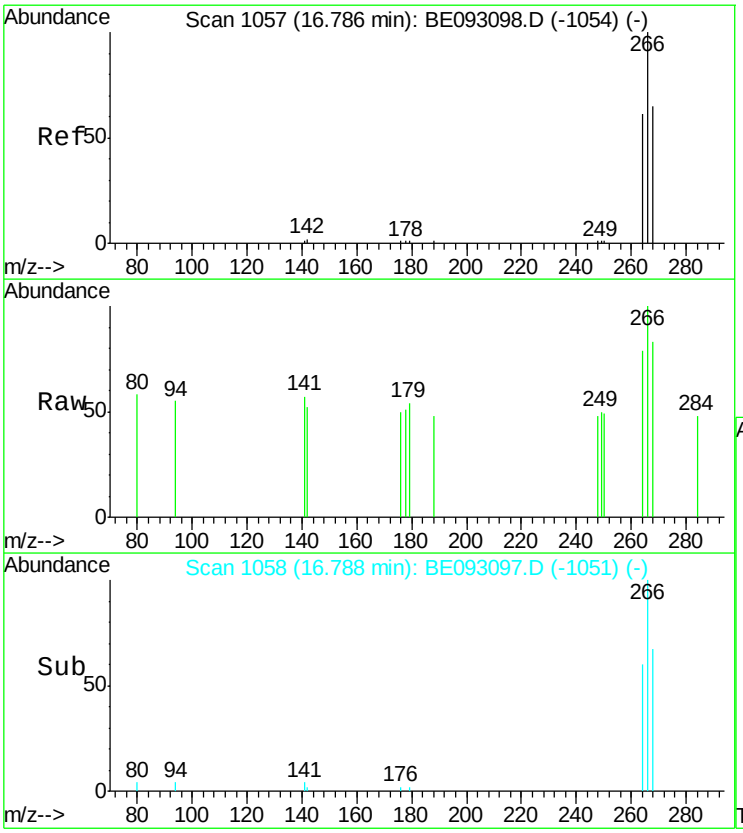
#21
Hexachlorobenzene
Concen: 0.296 ng
RT: 16.44 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 324

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	42.0	0.0	0.0#

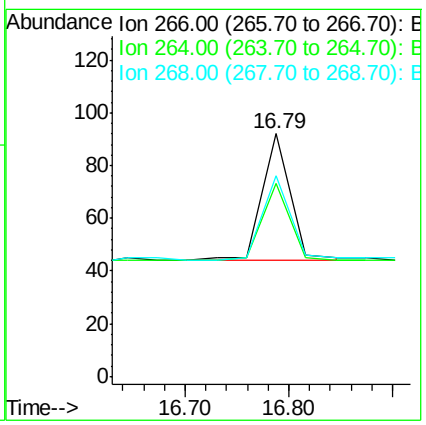


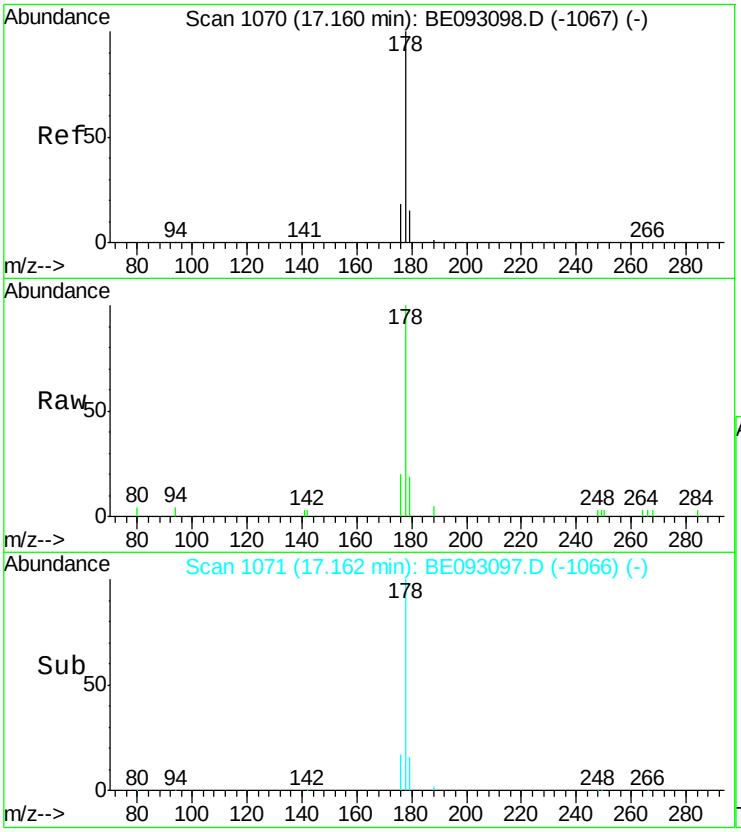


#22
Pentachlorophenol
Concen: 0.271 ng
RT: 16.79 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:266 Resp: 91

Ion	Ratio	Lower	Upper
266	100		
264	79.3	58.2	87.2
268	82.6	71.9	107.9



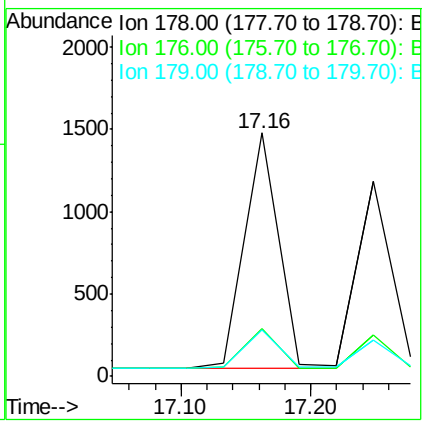


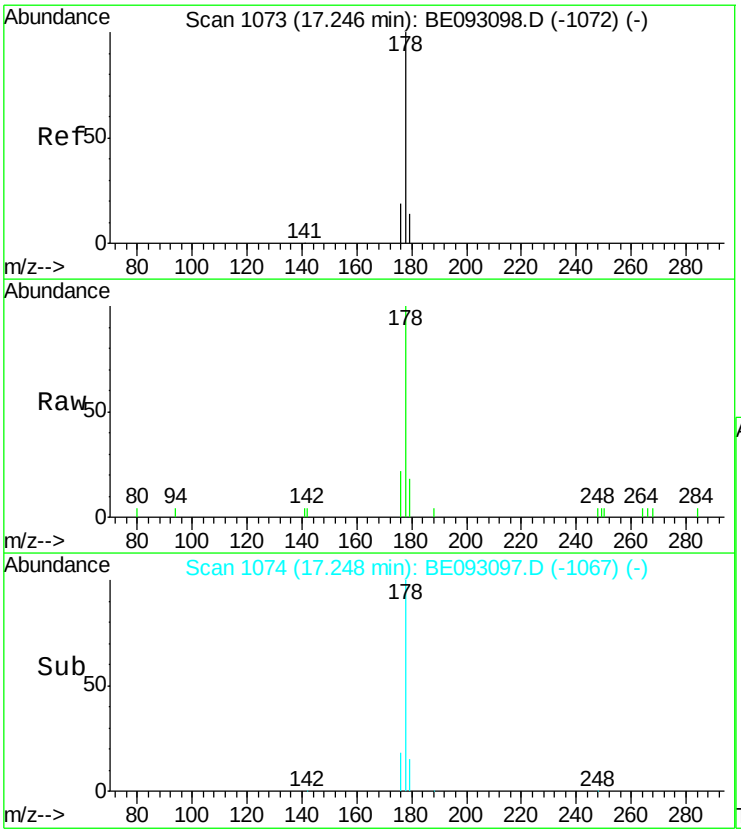
#23
Phenanthrene
Concen: 0.445 ng
RT: 17.16 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2586

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	16.2	12.7	19.1

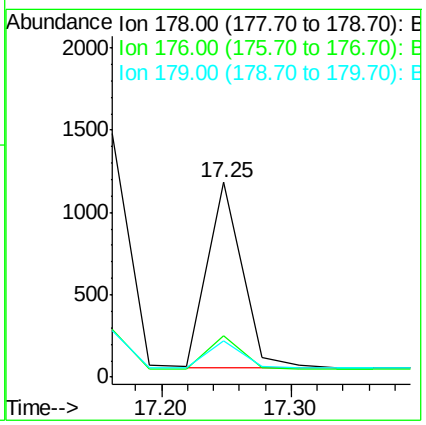


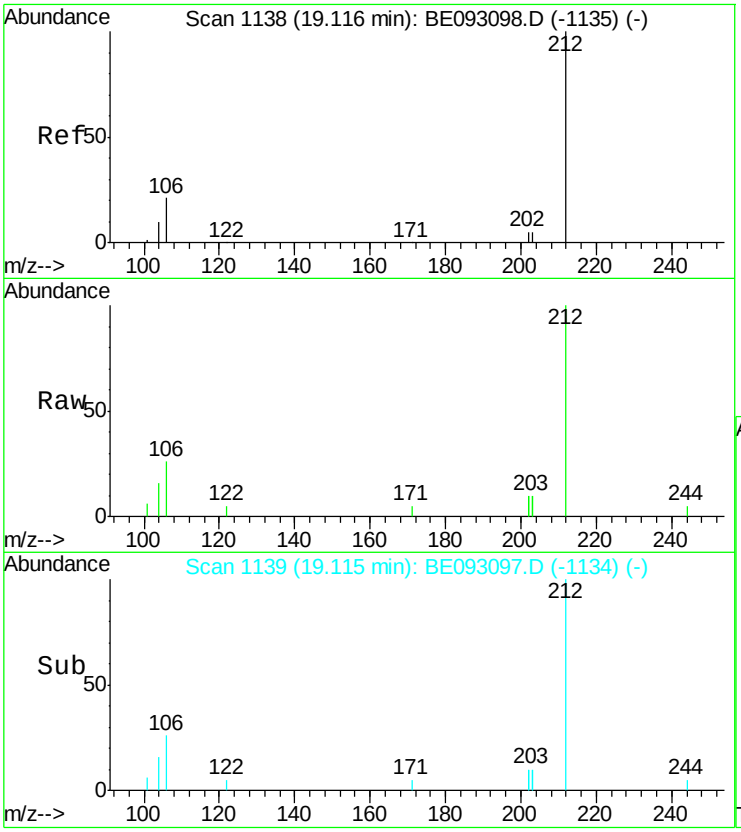


#24
Anthracene
Concen: 0.380 ng
RT: 17.25 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:178 Resp: 2077

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.8	12.0	18.0



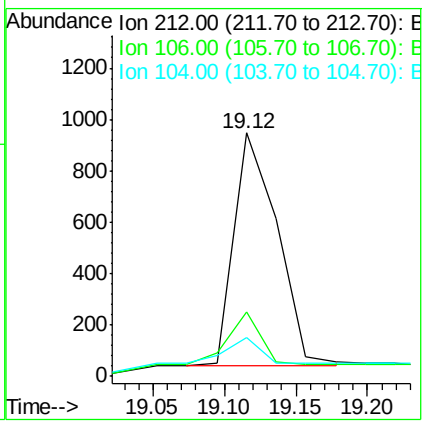


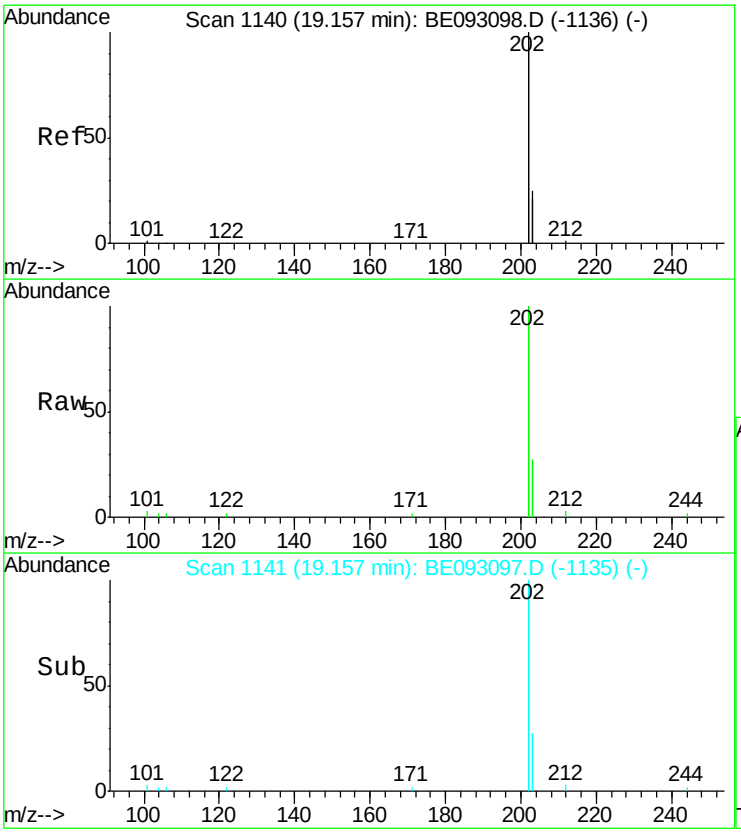
#25
Fluoranthene-d10
Concen: 0.271 ng
RT: 19.12 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 1907

Ion	Ratio	Lower	Upper
212	100		
106	16.9	0.0	0.0#
104	9.1	0.0	0.0#

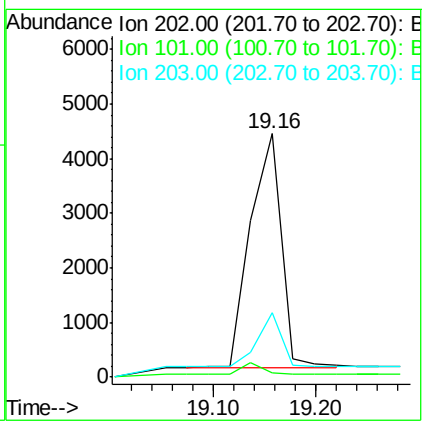


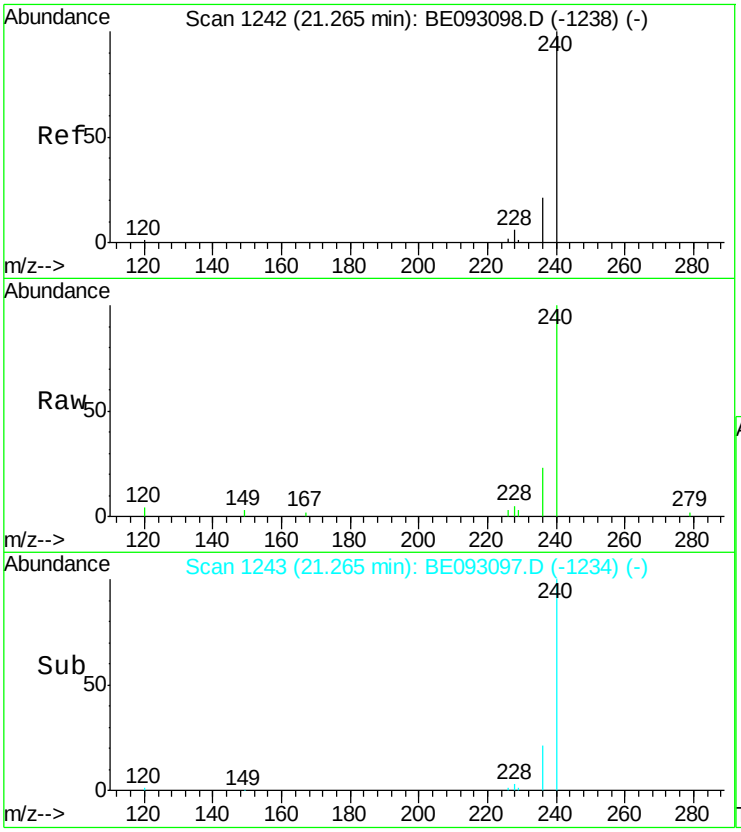


#26
Fluoranthene
Concen: 0.275 ng
RT: 19.16 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:202 Resp: 9088

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.5	14.4	21.6



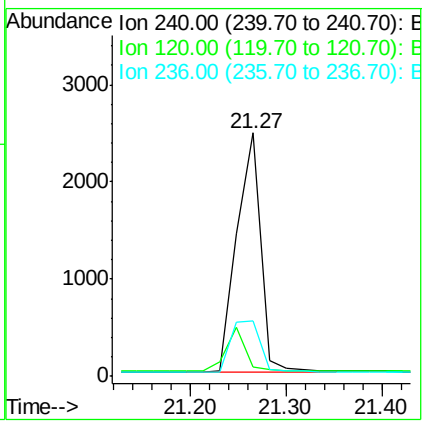


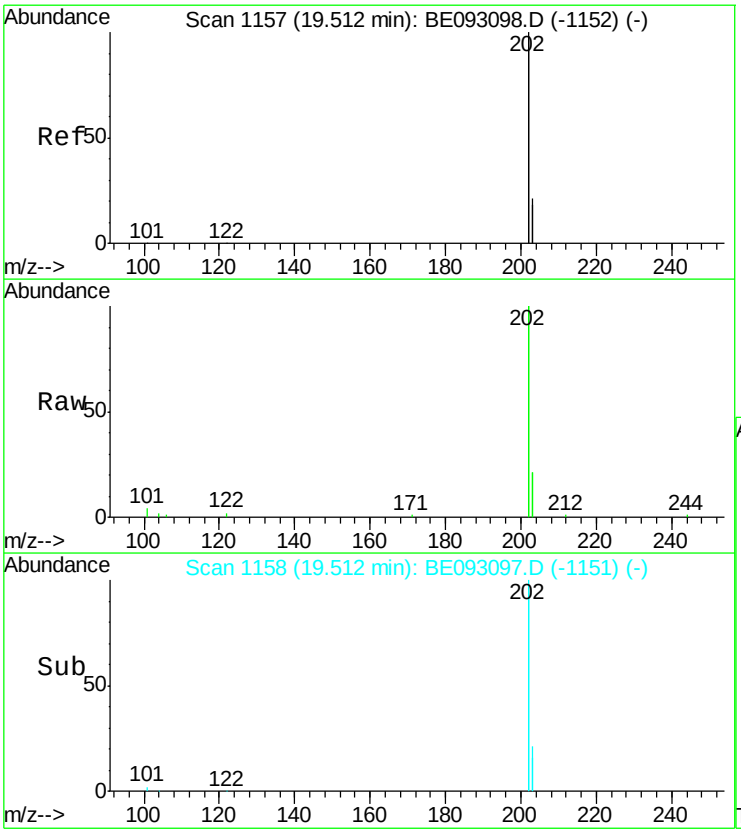
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 4249

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	22.7	20.8	31.2

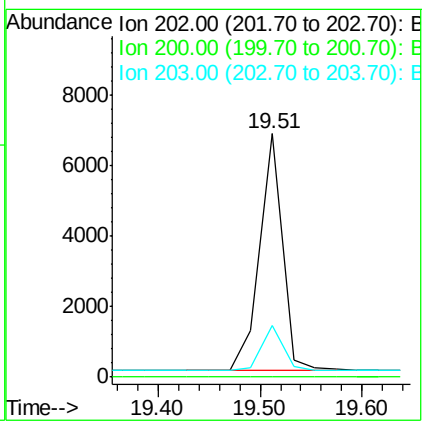


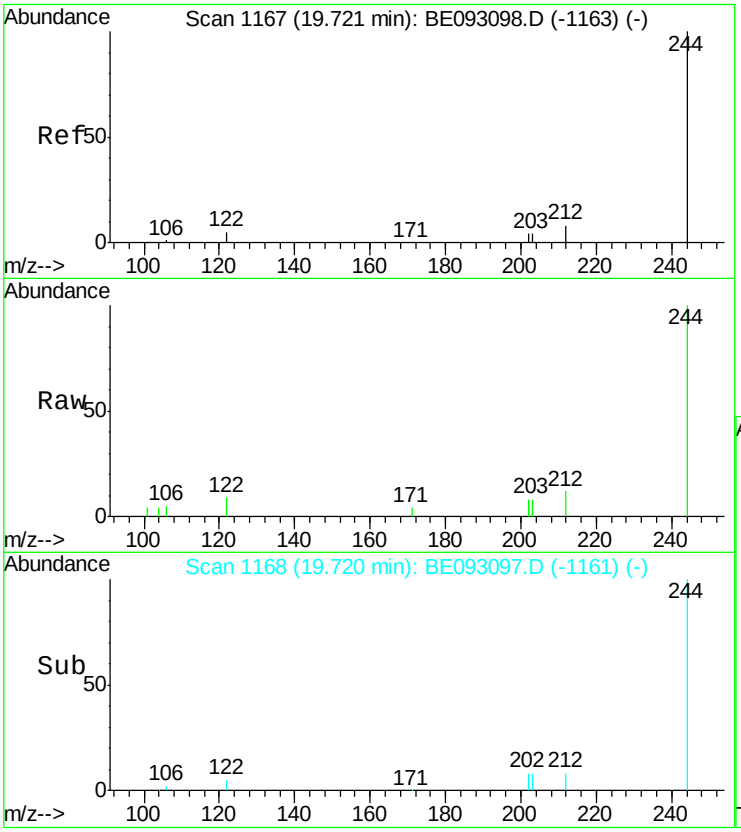


#28
Pyrene
Concen: 0.203 ng
RT: 19.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:202 Resp: 10388

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.1	13.7	20.5



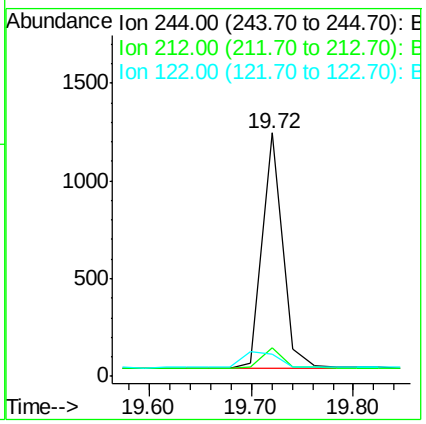


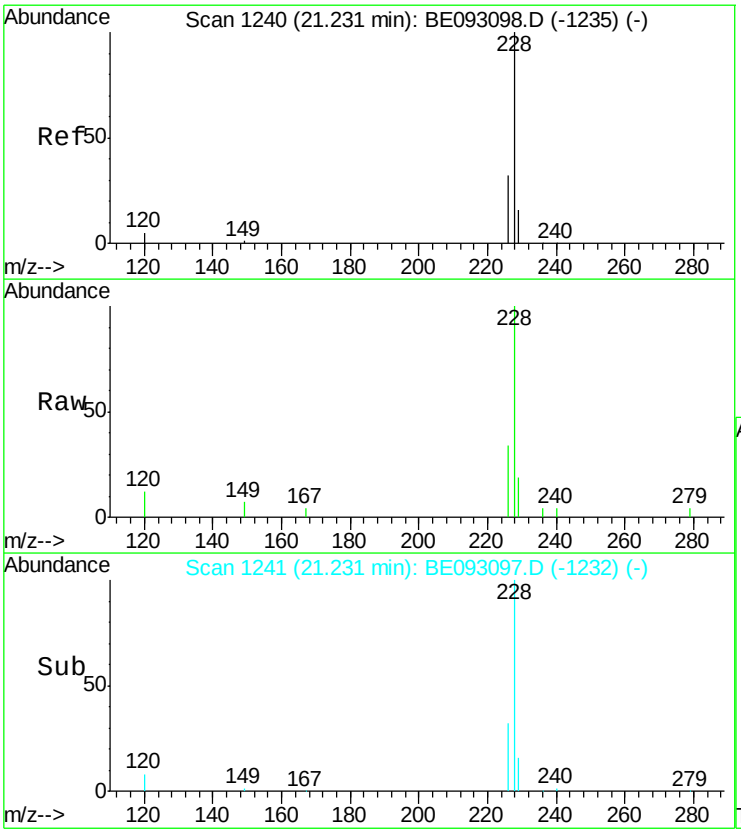
#29
Terphenyl-d14
Concen: 0.212 ng
RT: 19.72 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 1678

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.6	16.0
122	9.0	15.4	23.0#

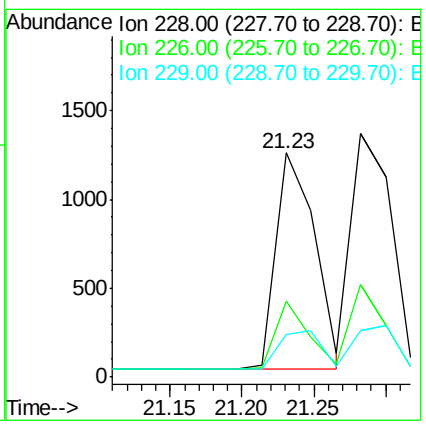


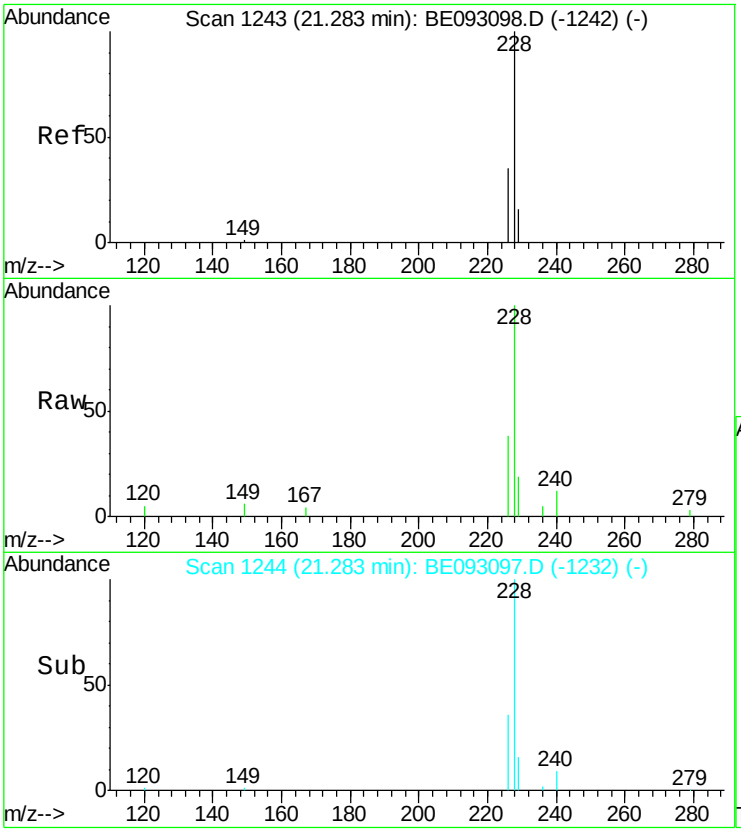


#30
Benzo(a)anthracene
Concen: 0.199 ng
RT: 21.23 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:228 Resp: 2301

Ion	Ratio	Lower	Upper
228	100		
226	34.2	19.7	29.5#
229	18.8	19.2	28.8#



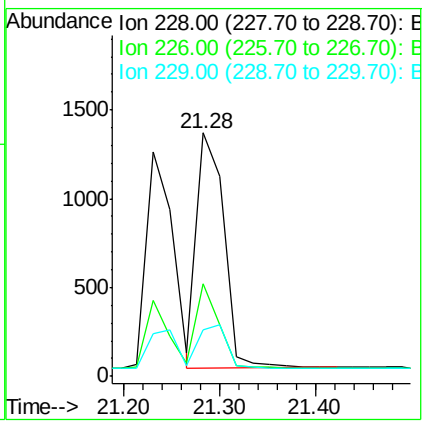


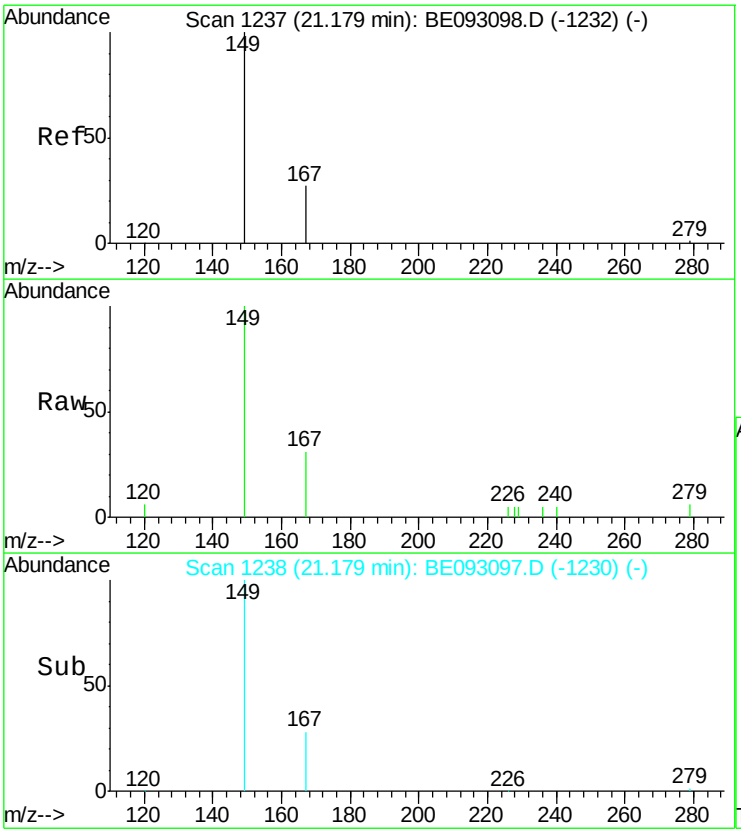
#31
Chrysene
Concen: 0.211 ng
RT: 21.28 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 2610

Ion	Ratio	Lower	Upper
228	100		
226	37.9	21.5	32.3#
229	19.0	18.6	28.0

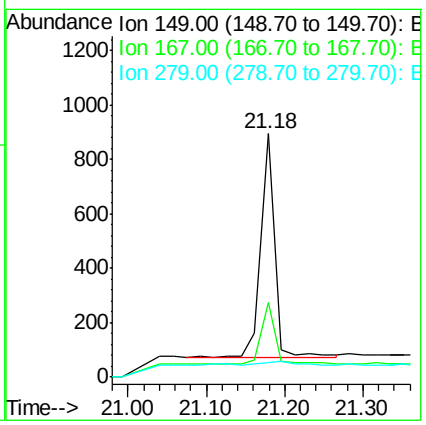


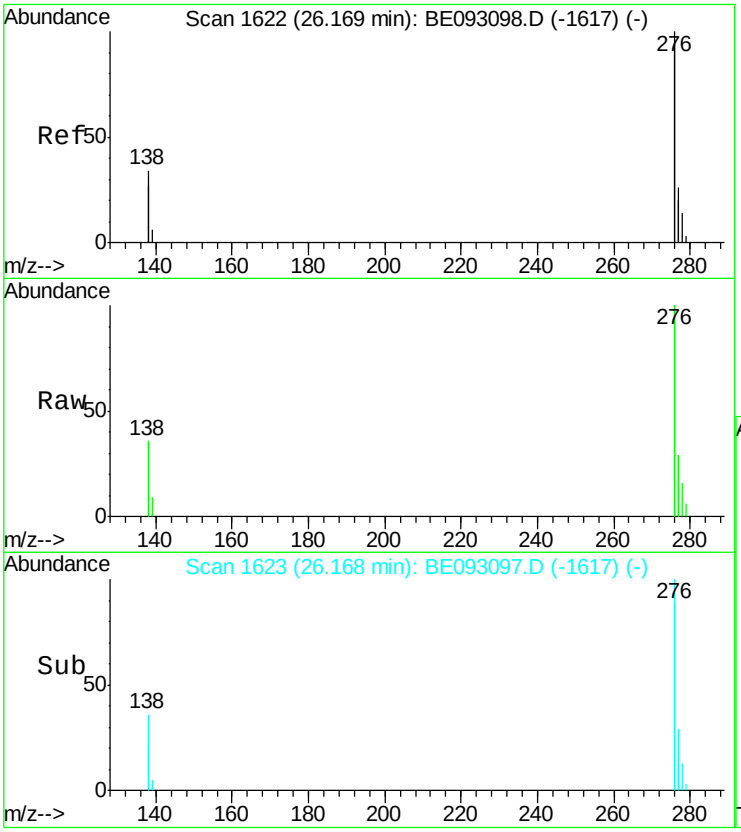


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.18 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:149 Resp: 1014

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	2.6	2.2	3.4



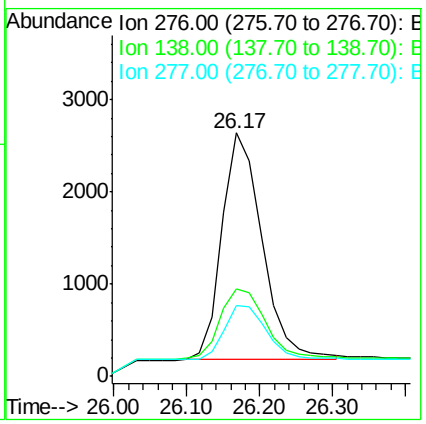


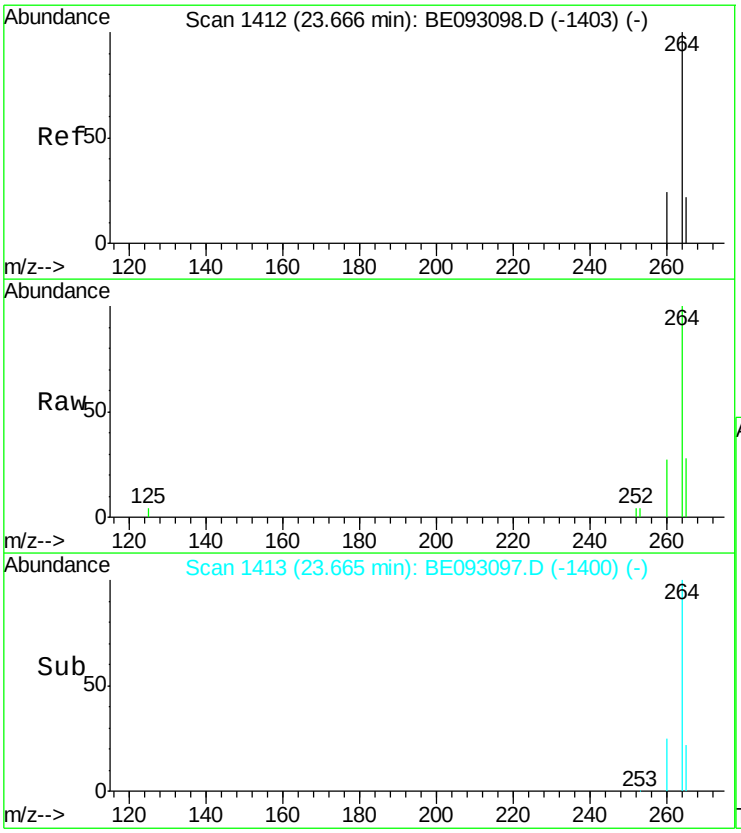
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng
RT: 26.17 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 9393

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.4	41.2
277	25.2	20.1	30.1

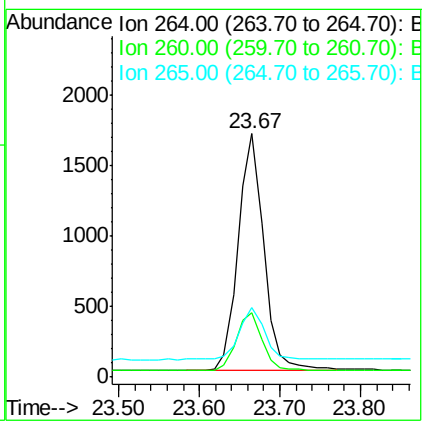


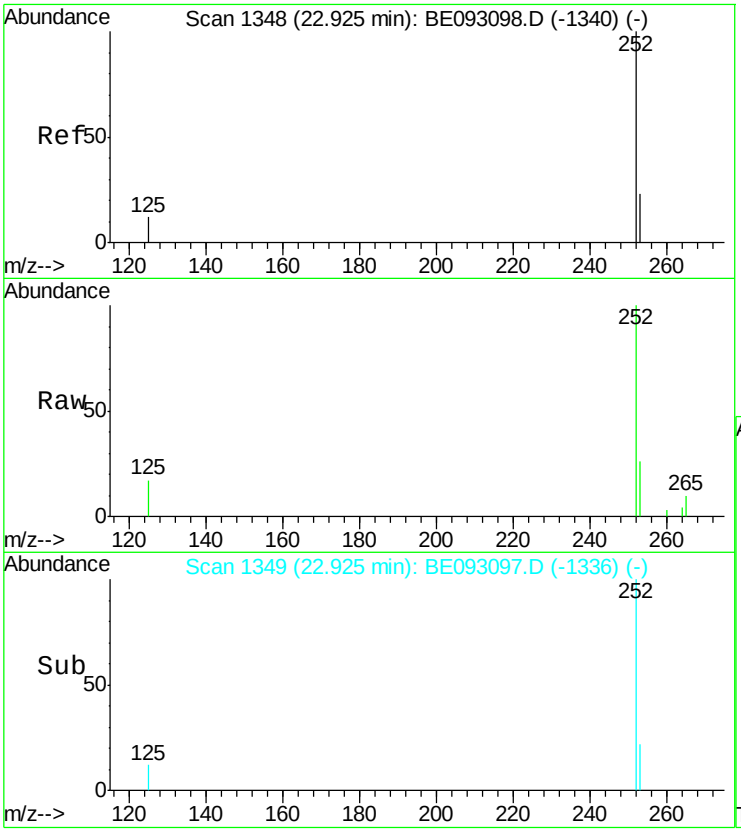


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:264 Resp: 3715

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.4
265	28.3	24.6	36.8



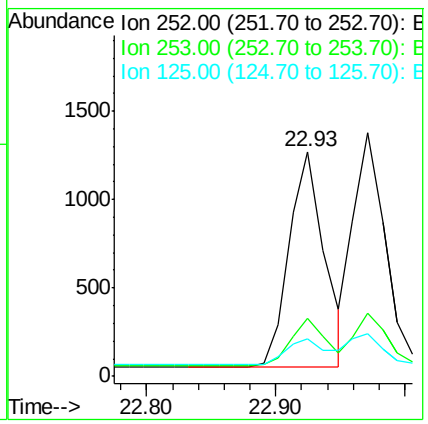


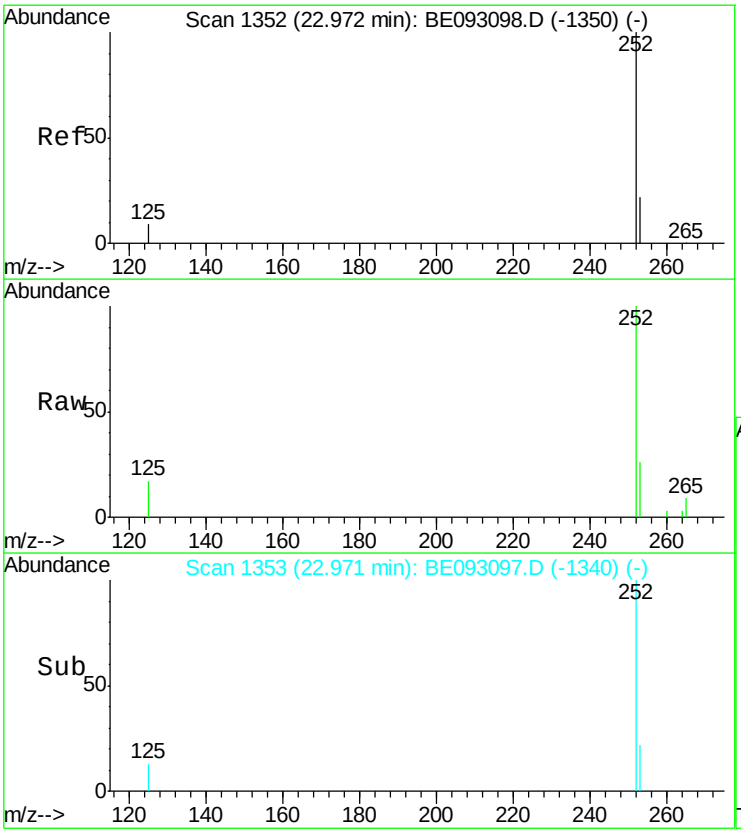
#35
Benzo(b)fluoranthene
Concen: 0.198 ng
RT: 22.93 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2321

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.5	27.7
125	16.7	13.4	20.0

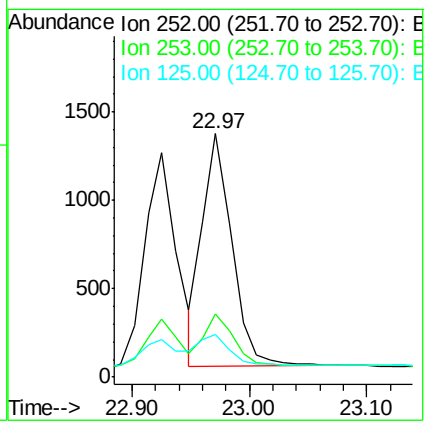


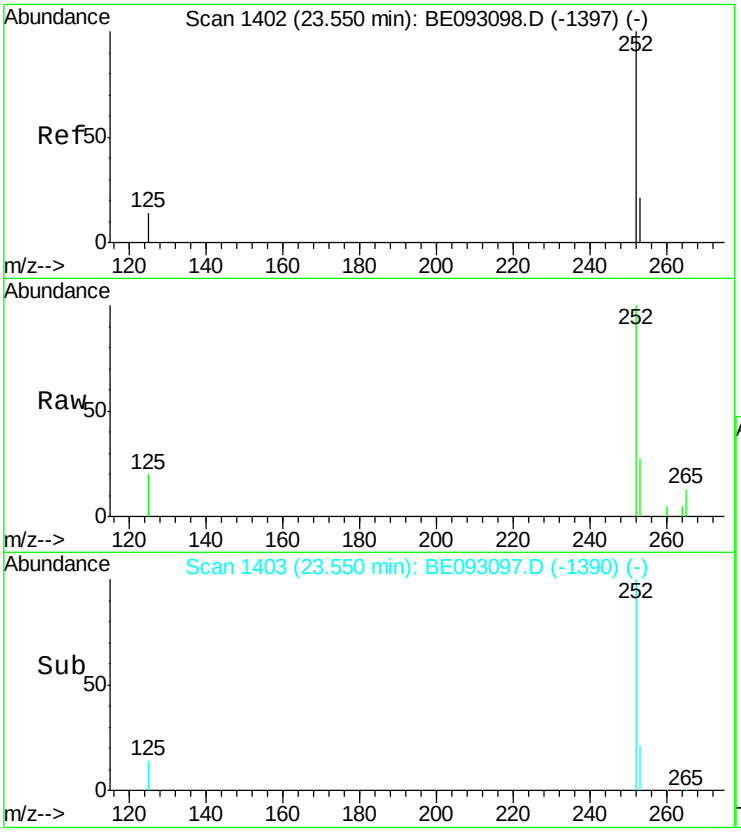


#36
Benzo(k)fluoranthene
Concen: 0.196 ng
RT: 22.97 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:252 Resp: 2303

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.3	30.5
125	17.3	12.2	18.4



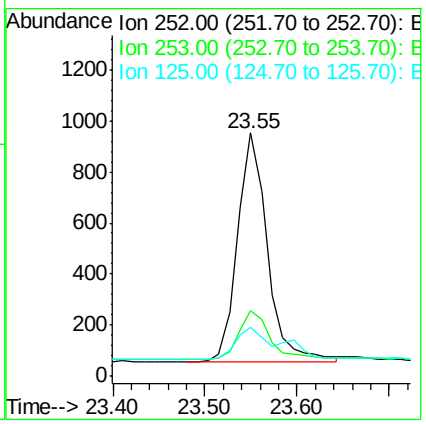


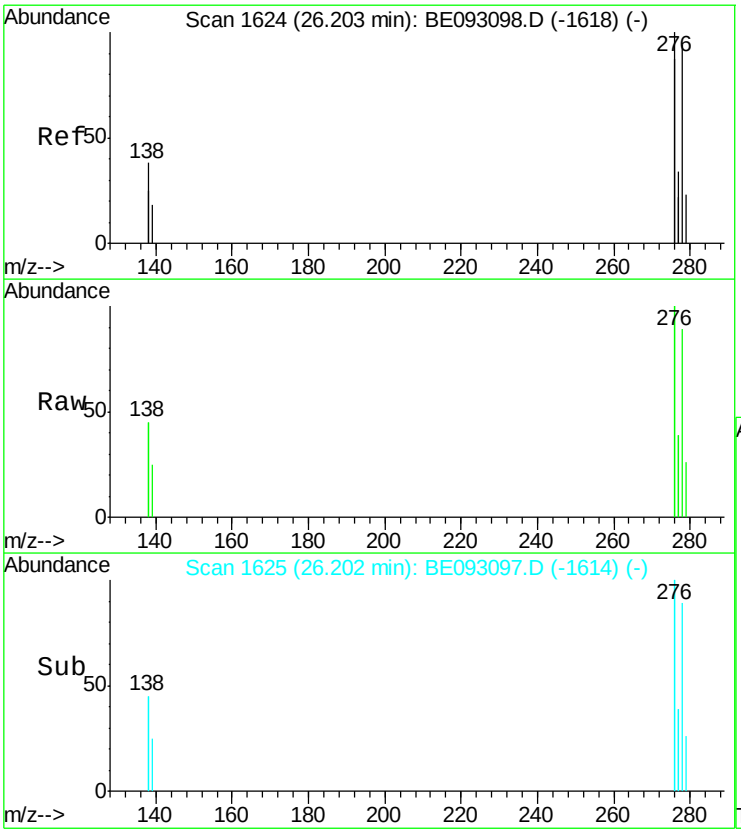
#37
Benzo(a)pyrene
Concen: 0.187 ng
RT: 23.55 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2013

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.9	29.9
125	20.0	14.6	21.8

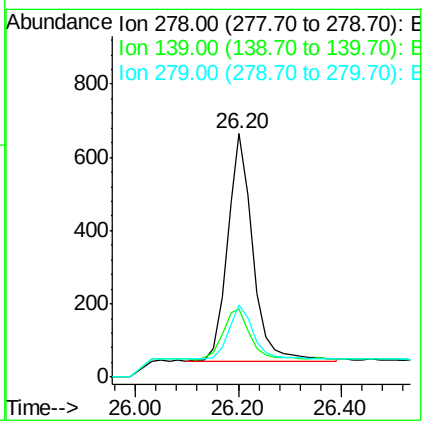


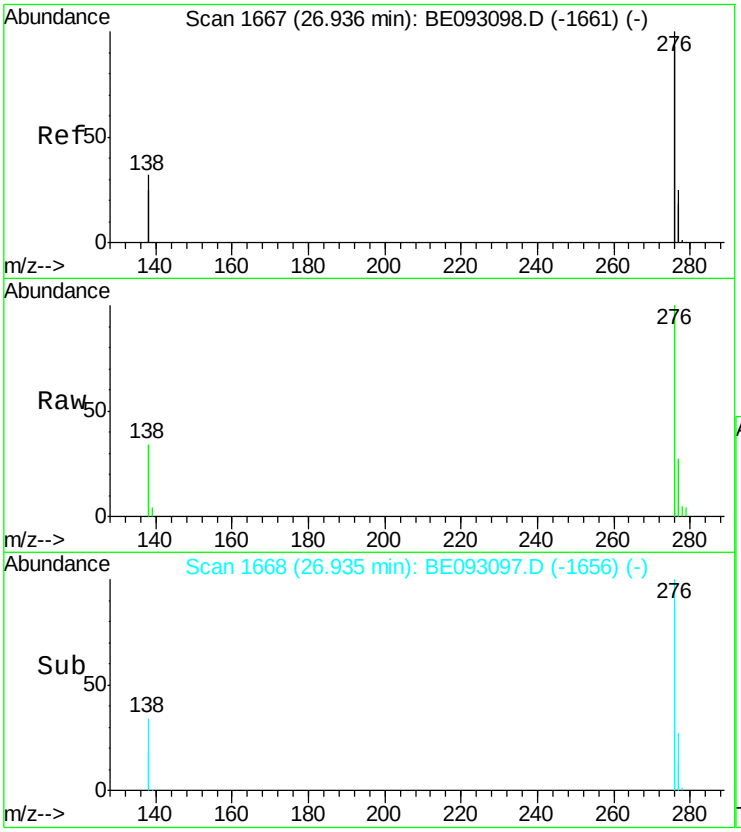


#38
Dibenzo(a,h)anthracene
Concen: 0.213 ng
RT: 26.20 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Tgt Ion:278 Resp: 2126

Ion	Ratio	Lower	Upper
278	100		
139	28.1	21.4	32.0
279	29.5	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.202 ng
RT: 26.93 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE093097.D
Acq: 12 Jun 2017 10:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 8770

Ion	Ratio	Lower	Upper
276	100		
277	27.2	21.2	31.8
138	33.7	24.5	36.7