Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093096.D
Acq On : 12 Jun 2017 9:47
Operator : SJ/MA
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jun 12 12:06:57 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	585	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	2698	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	1335	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	2897	0.40	ng		0.00
27) Chrysene-d12	21.27	240	4113	0.40	ng		0.00
34) Perylene-d12	23.67	264	3614	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	180	0.10	ng		0.00
5) Phenol-d6	6.90	99	238	0.10	ng		0.00
8) Nitrobenzene-d5	8.88	82	214	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	412	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	31	0.08	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	607	0.11	ng		0.00
25) Fluoranthene-d10	19.11	212	931	0.12	ng		0.00
29) Terphenyl-d14	19.72	244	815	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	160	0.135	ng		91
3) n-Nitrosodimethylamine	3.59	42	105	0.099	ng	#	85
6) bis(2-Chloroethyl)ether	7.15	93	200	0.101	ng	#	98
9) Naphthalene	10.56	128	793	0.112	ng	#	86
10) Hexachlorobutadiene	10.87	225	108	0.116	ng		95
12) 2-Methylnaphthalene	12.18	142	461	0.105	ng	#	91
16) Acenaphthylene	14.08	152	2210	0.094	ng		99
17) Acenaphthene	14.44	154	435	0.103	ng		98
18) Fluorene	15.41	166	526	0.102	ng		96
20) 4-Bromophenyl-phenylether	16.33	248	166	0.184	ng		86
21) Hexachlorobenzene	16.44	284	147	0.124	ng	#	100
22) Pentachlorophenol	16.79	266	48	0.132	ng		91
23) Phenanthrene	17.16	178	1369	0.218	ng		100
24) Anthracene	17.25	178	1001	0.169	ng		98
26) Fluoranthene	19.16	202	4393	0.123	ng	#	100
28) Pyrene	19.51	202	5149	0.104	ng	#	98
30) Benzo(a)anthracene	21.23	228	1154	0.103	ng	#	86
31) Chrysene	21.28	228	1243	0.104	ng	#	85
32) Bis(2-ethylhexyl)phthalate	21.18	149	736	0.114	ng		96
33) Indeno(1,2,3-cd)pyrene	26.17	276	4525	0.103	ng		98
35) Benzo(b)fluoranthene	22.93	252	1160	0.102	ng	#	86
36) Benzo(k)fluoranthene	22.97	252	1098	0.096	ng	#	88
37) Benzo(a)pyrene	23.55	252	974	0.093	ng	#	84
38) Dibenzo(a,h)anthracene	26.20	278	1019	0.105	ng	#	84
39) Benzo(g,h,i)perylene	26.94	276	4226	0.100	ng	#	85

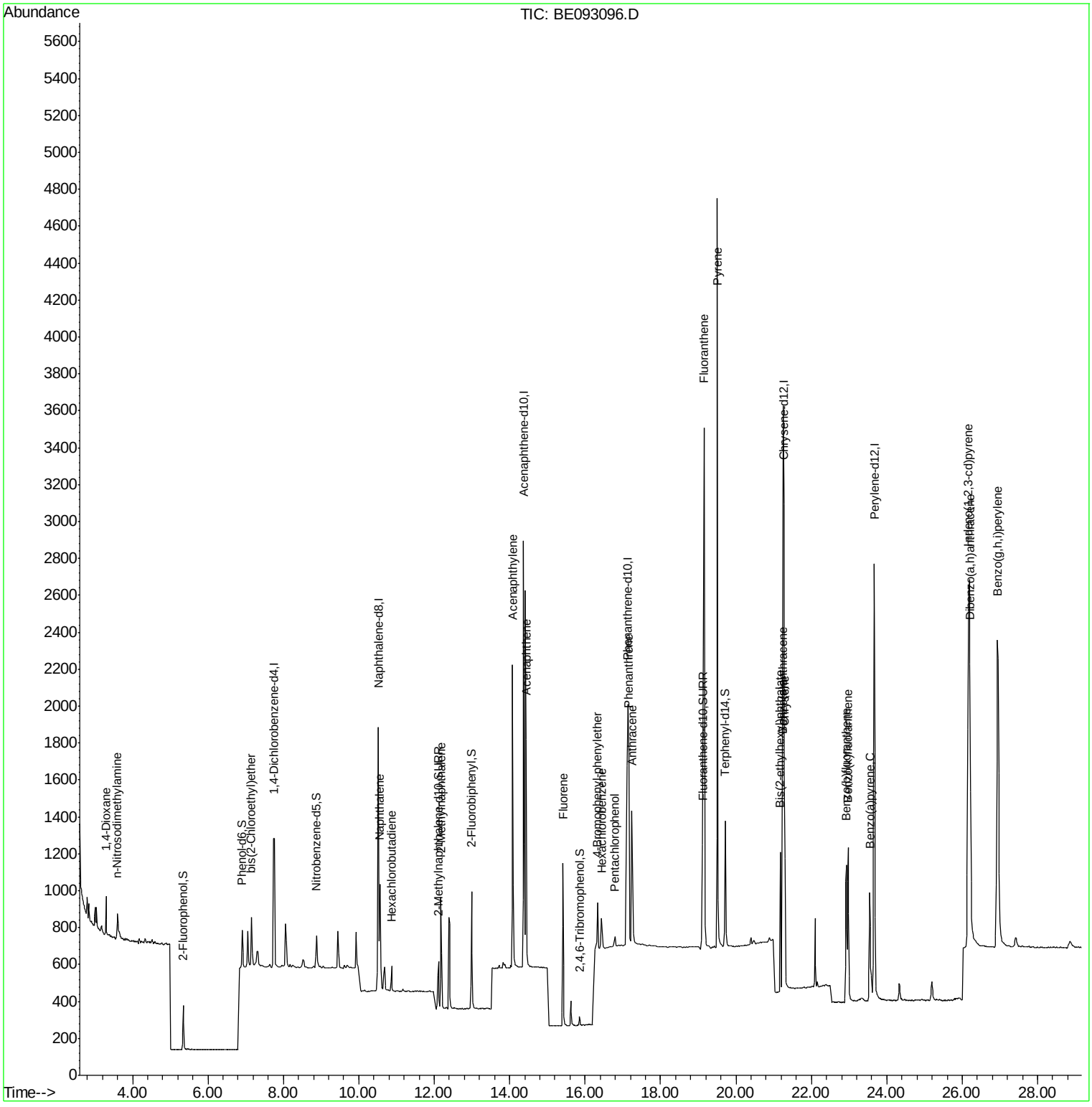
(#) = qualifier out of range (m) = manual integration (+) = signals summed

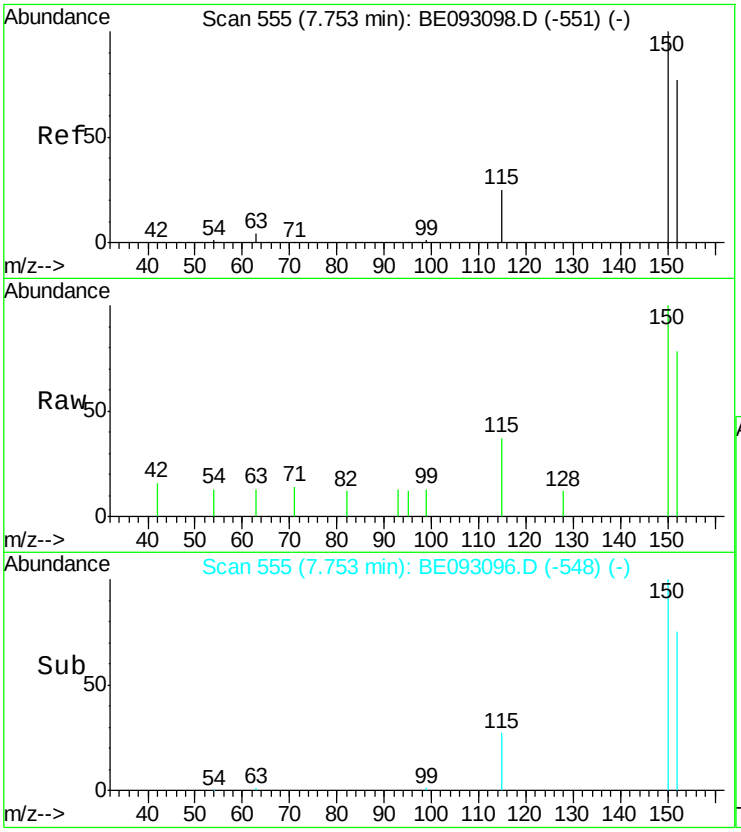
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093096.D
Acq On : 12 Jun 2017 9:47
Operator : SJ/MA
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 12 12:06:57 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



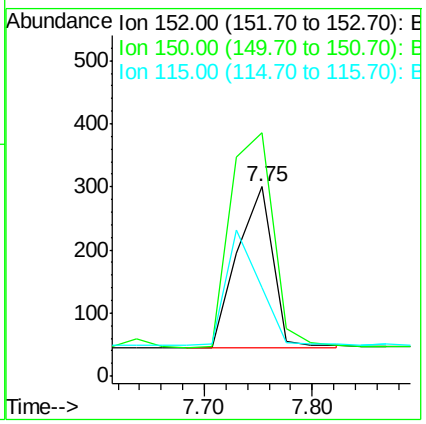


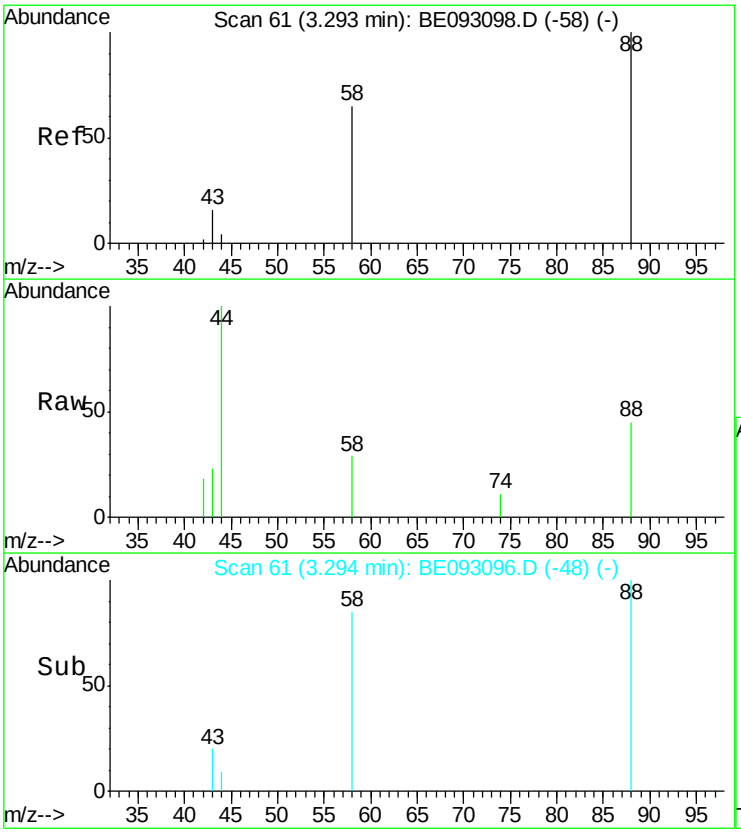
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 585

Ion	Ratio	Lower	Upper
152	100		
150	128.7	125.1	187.7
115	47.0	55.7	83.5#

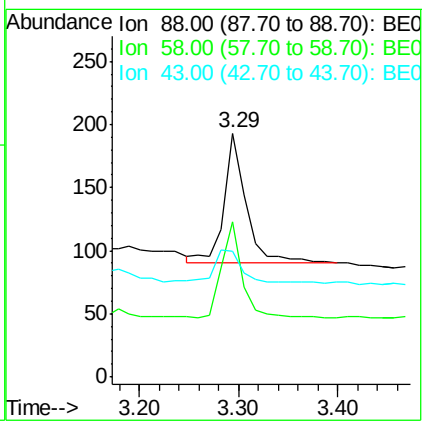


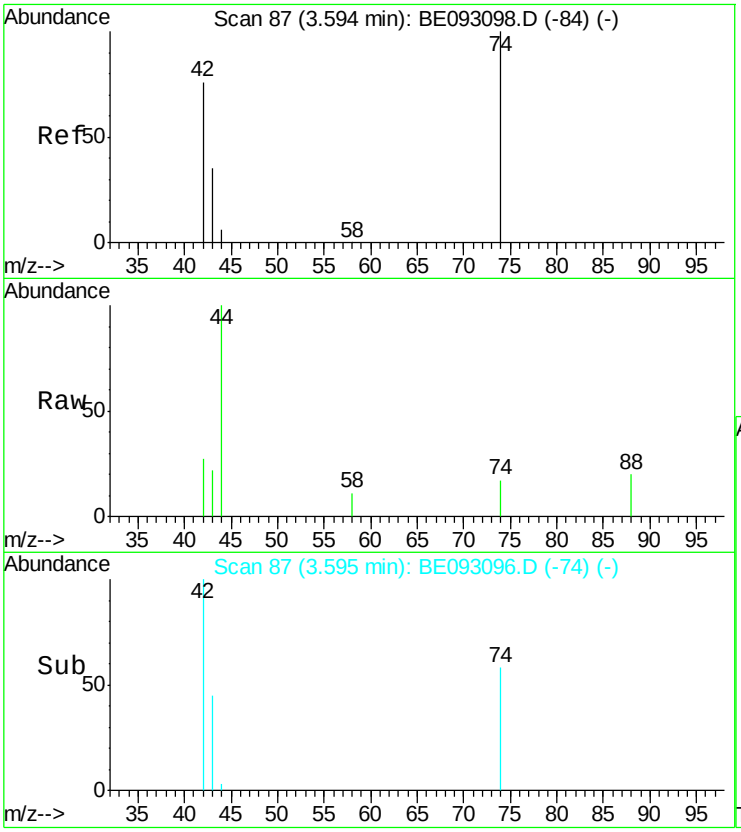


#2
1,4-Dioxane
Concen: 0.135 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion: 88 Resp: 160

Ion	Ratio	Lower	Upper
88	100		
58	67.5	62.2	93.4
43	28.1	23.2	34.8



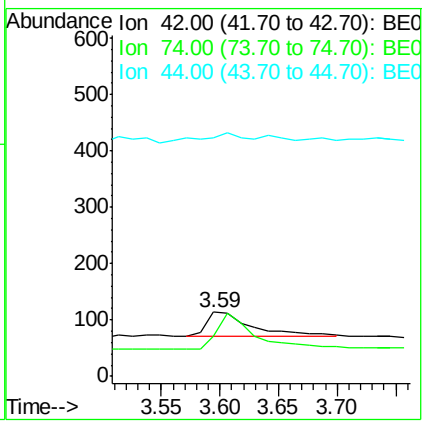


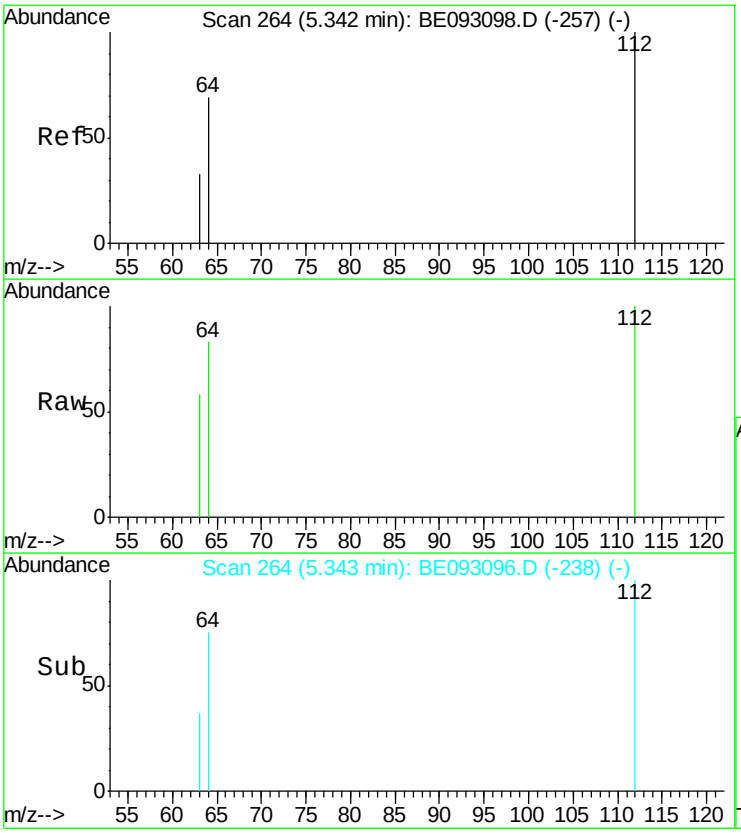
#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.59 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 105

Ion	Ratio	Lower	Upper
42	100		
74	134.3	99.1	148.7
44	41.9	7.4	11.2#

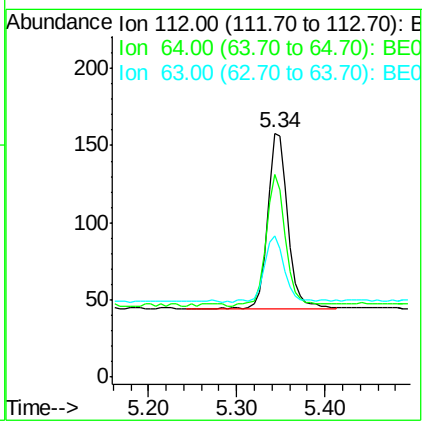


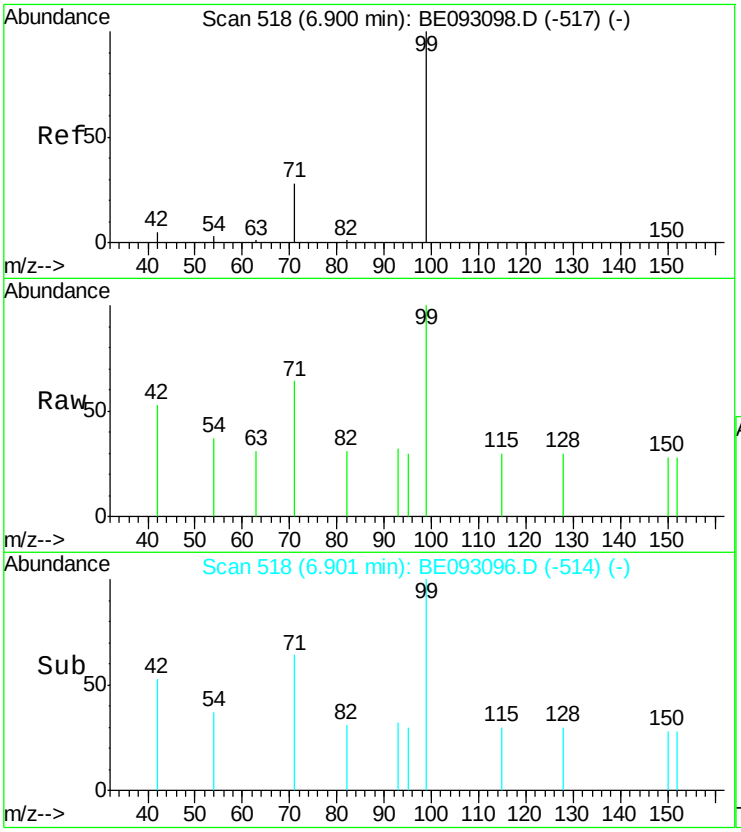


#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:112 Resp: 180

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.4	84.6
63	38.9	29.3	43.9



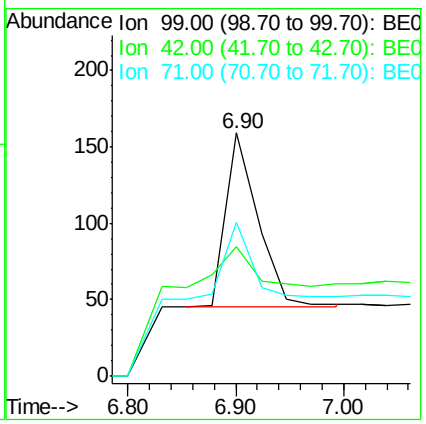


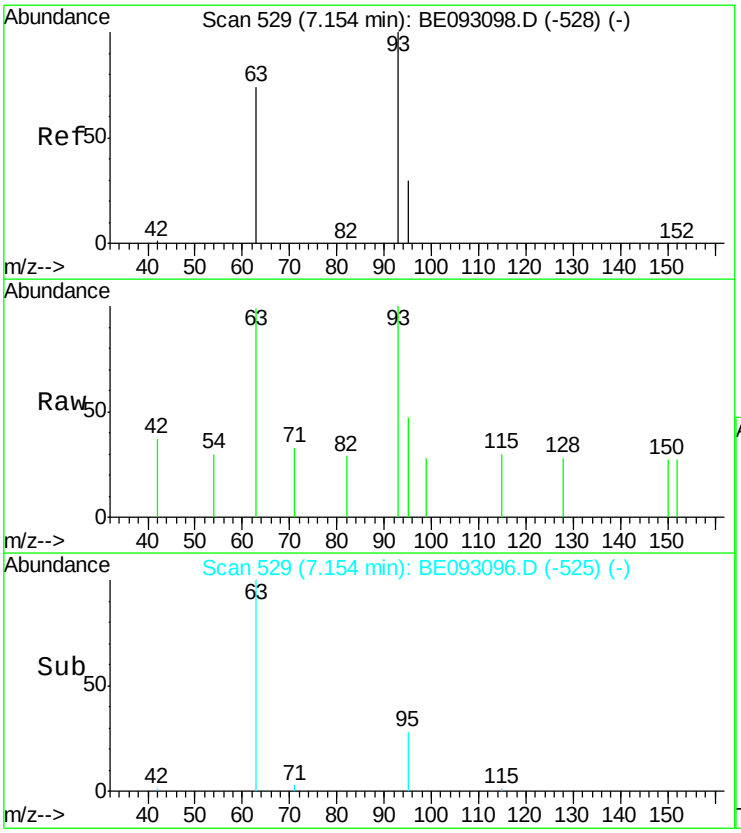
#5
Phenol-d6
Concen: 0.098 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 238

Ion	Ratio	Lower	Upper
99	100		
42	24.4	0.0	0.0#
71	39.5	0.0	0.0#

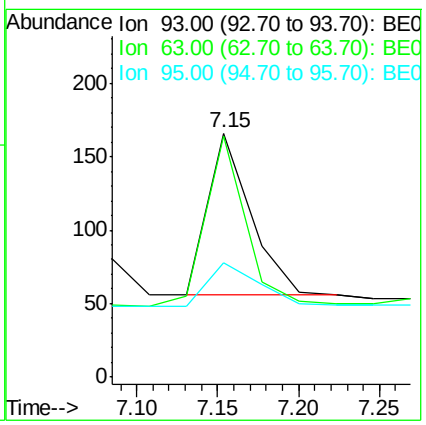


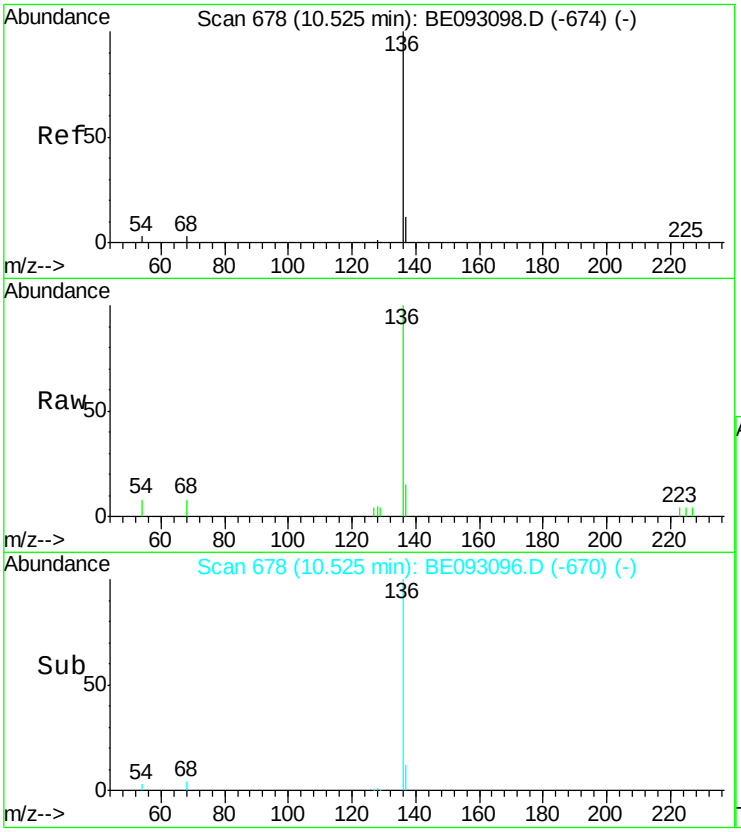


#6
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 7.15 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion: 93 Resp: 200

Ion	Ratio	Lower	Upper
93	100		
63	101.0	0.0	0.0#
95	33.0	25.4	38.0



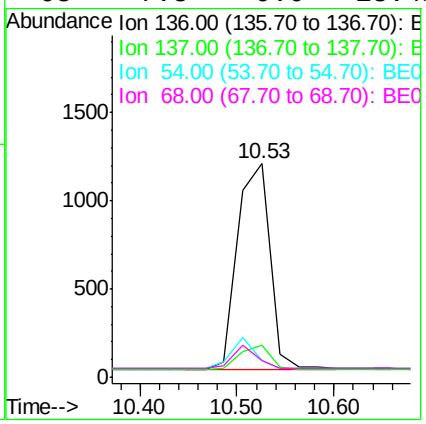


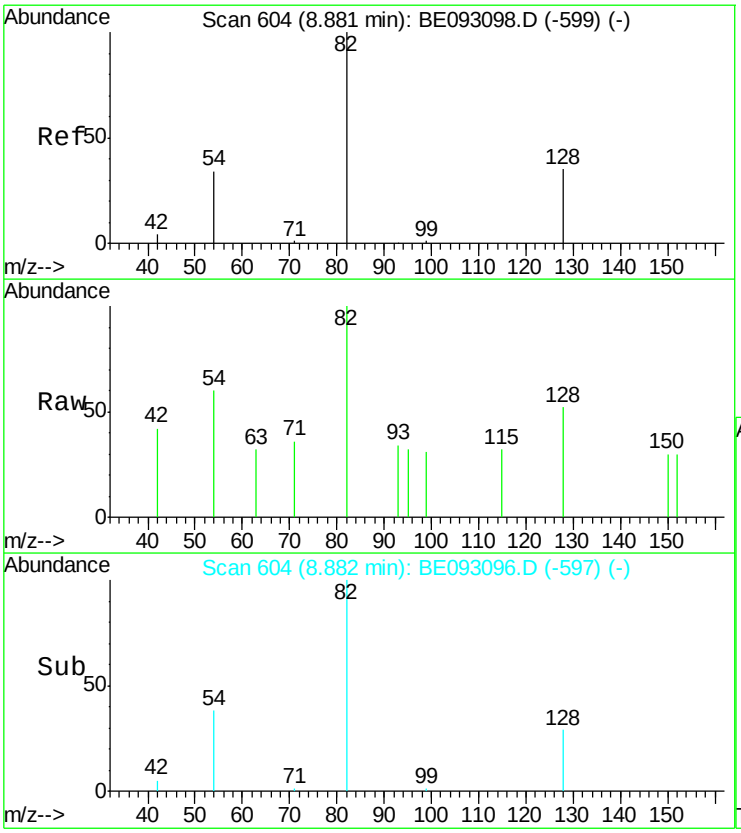
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 2698

Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.8	14.8#
54	7.7	10.3	15.5#
68	7.8	9.0	13.4#

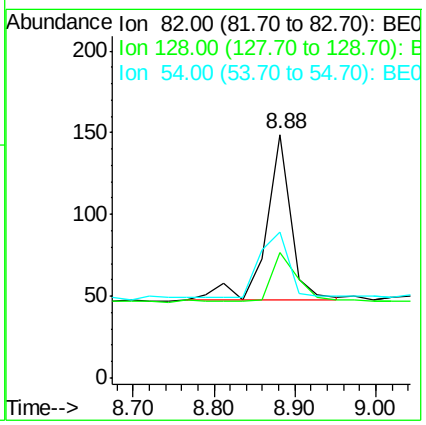


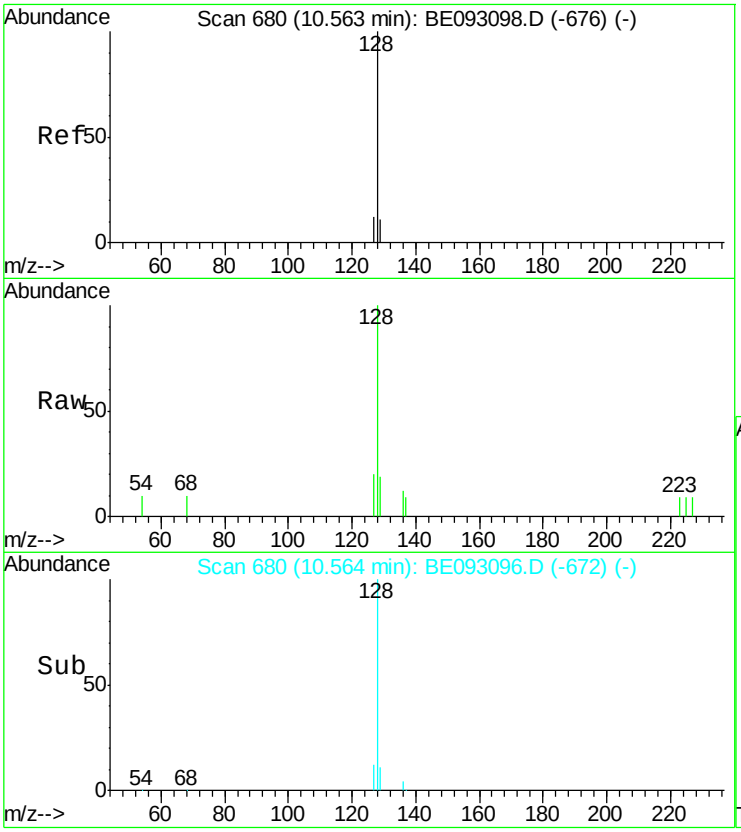


#8
Nitrobenzene-d5
Concen: 0.091 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion: 82 Resp: 214

Ion	Ratio	Lower	Upper
82	100		
128	51.7	17.0	25.4#
54	59.7	53.8	80.6



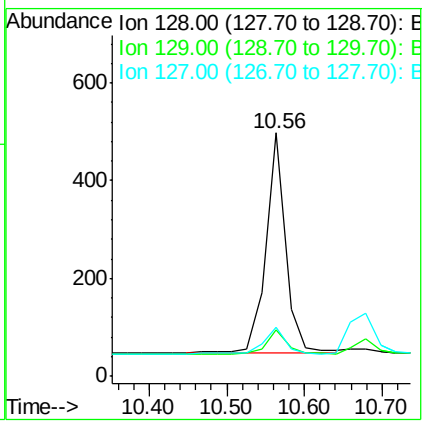


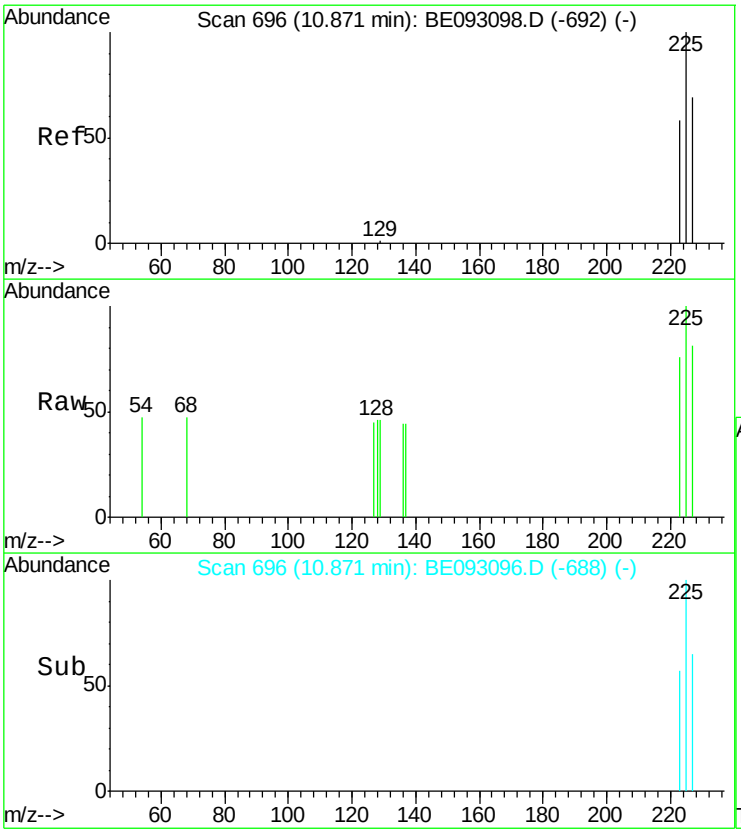
#9
Naphthalene
Concen: 0.112 ng
RT: 10.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 793

Ion	Ratio	Lower	Upper
128	100		
129	19.1	11.4	17.0#
127	20.3	11.2	16.8#

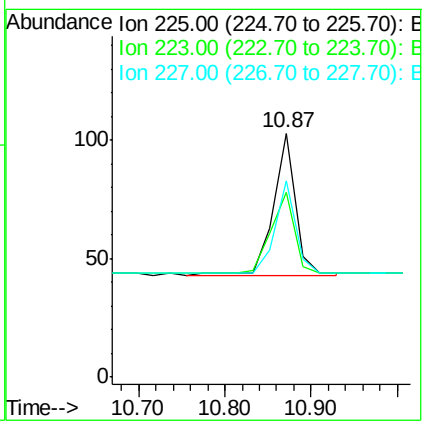


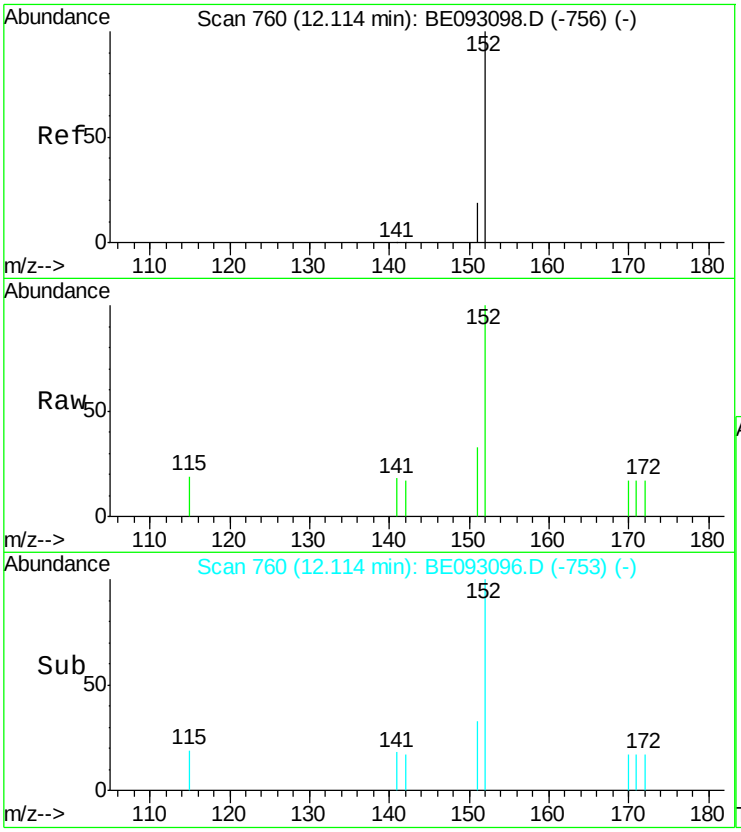


#10
Hexachlorobutadiene
Concen: 0.116 ng
RT: 10.87 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:225 Resp: 108

Ion	Ratio	Lower	Upper
225	100		
223	58.3	49.7	74.5
227	58.3	50.3	75.5



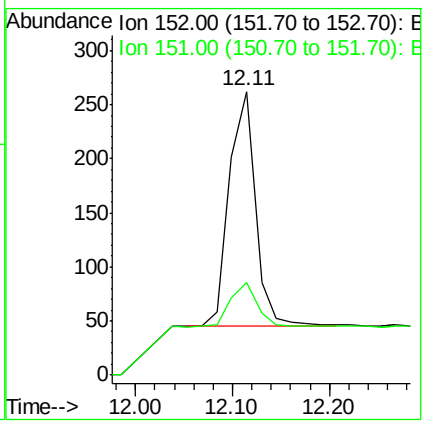


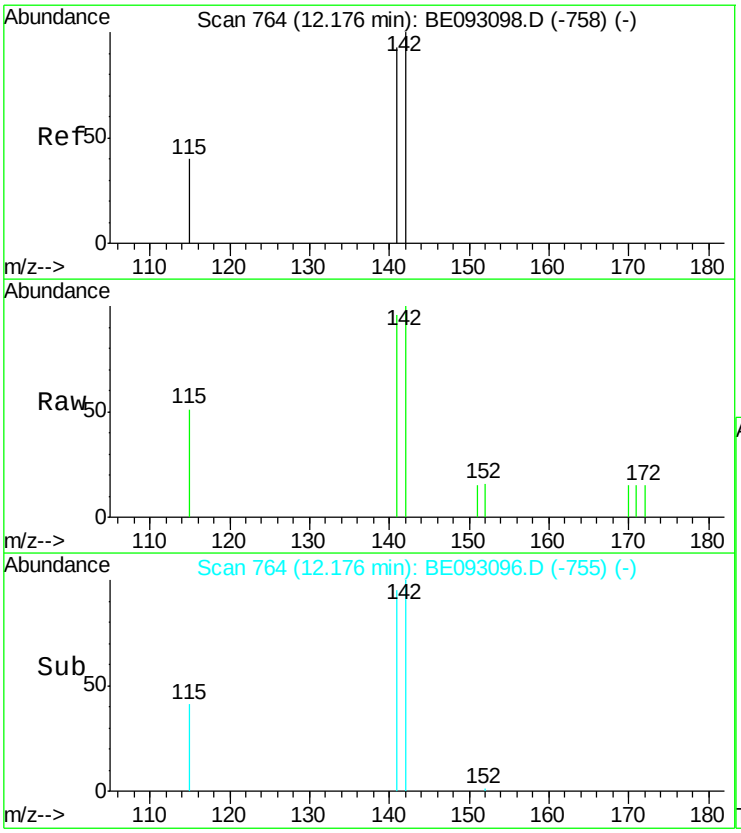
#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 412

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.1	22.7

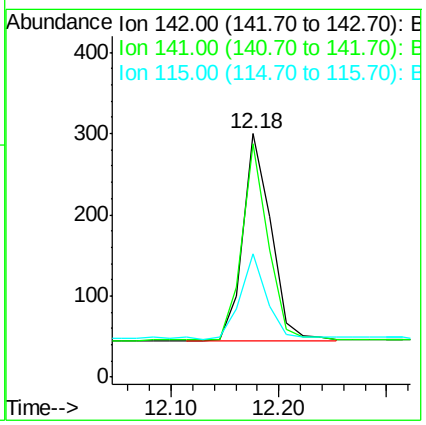


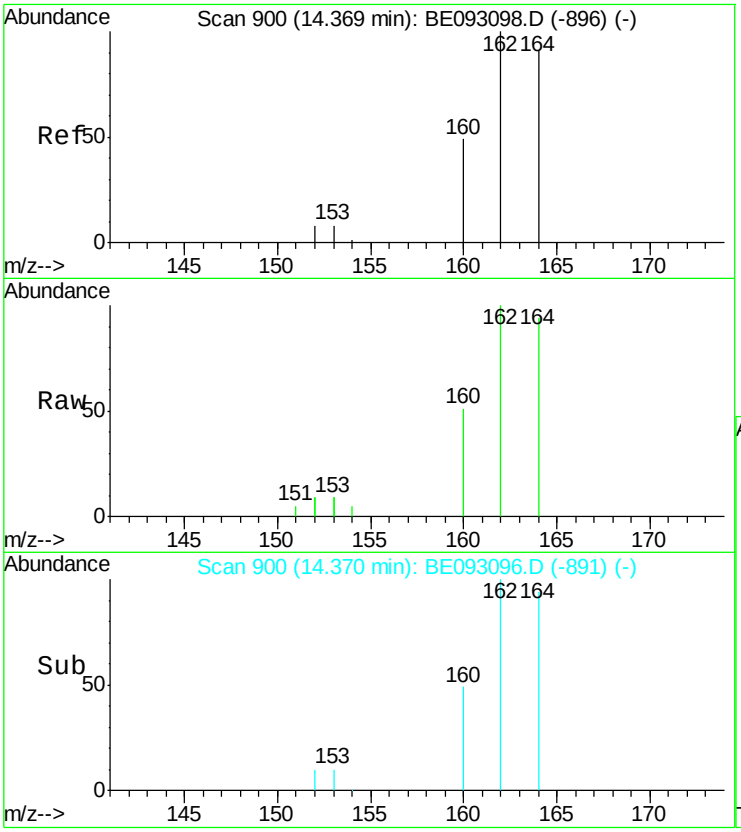


#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:142 Resp: 461

Ion	Ratio	Lower	Upper
142	100		
141	95.7	72.6	108.8
115	50.7	32.2	48.2#



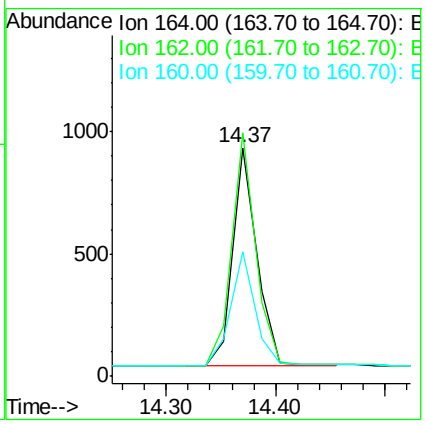


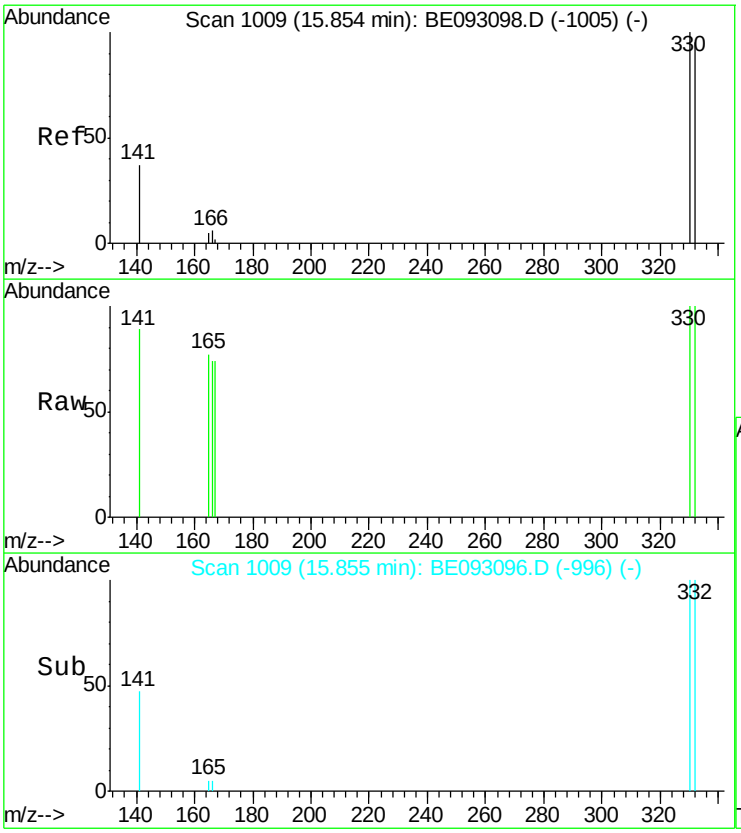
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 1335

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.6	127.0
160	54.6	41.8	62.6

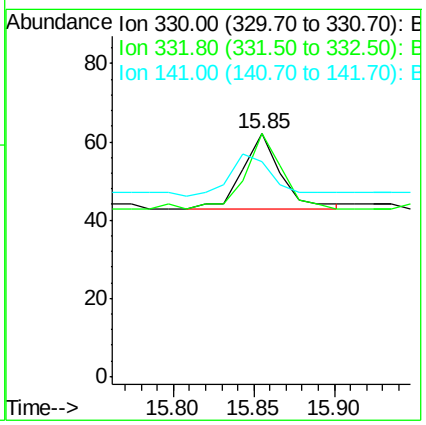


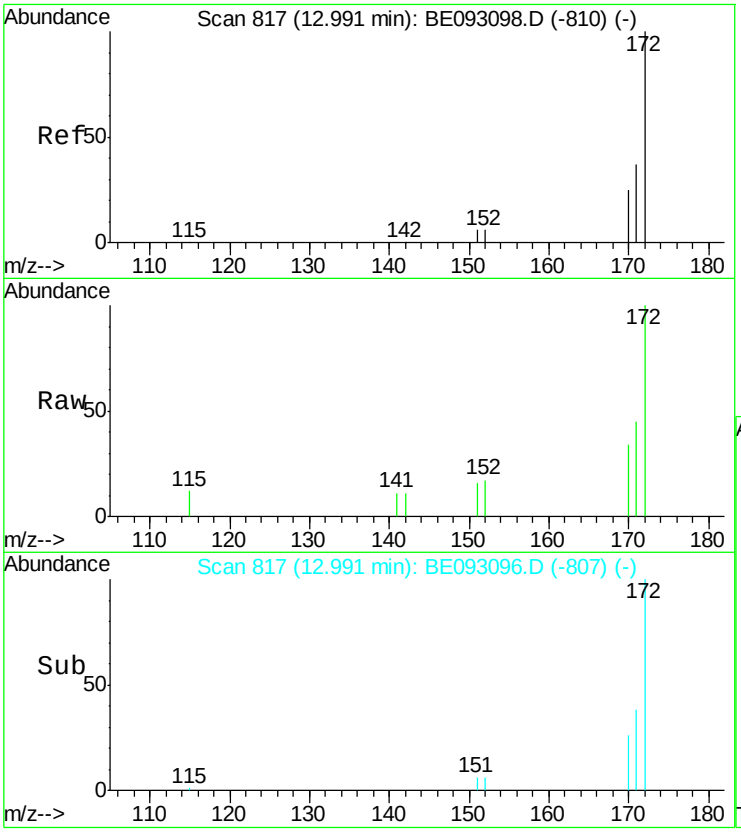


#14
2,4,6-Tribromophenol
Concen: 0.078 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:330 Resp: 31

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	64.5	56.2	84.4



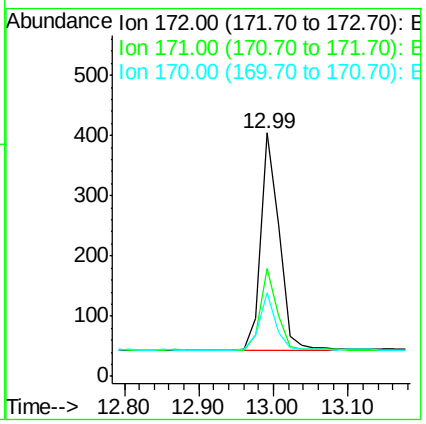


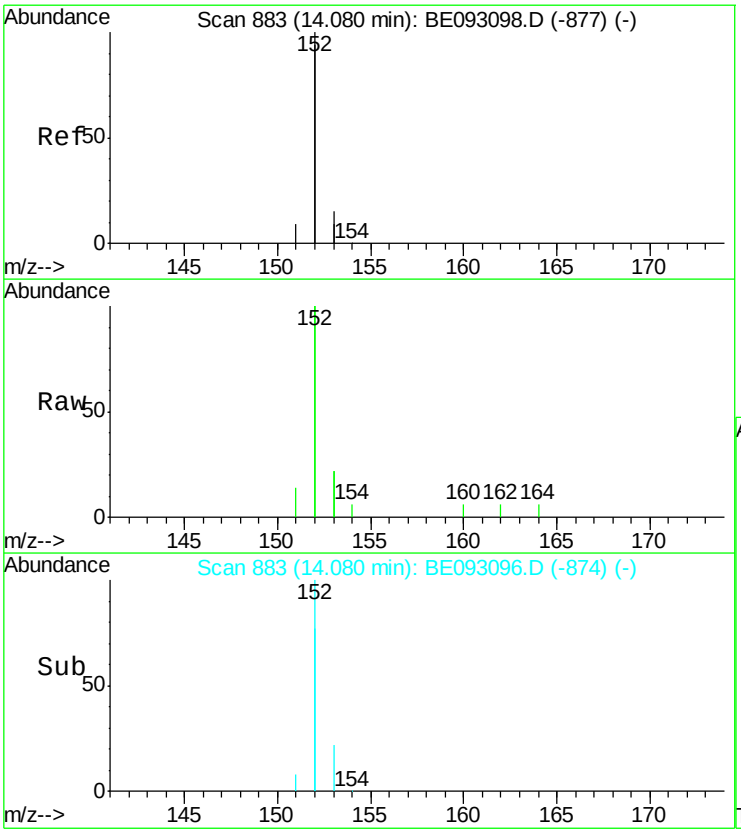
#15
2-Fluorobiphenyl
Concen: 0.111 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 607

Ion	Ratio	Lower	Upper
172	100		
171	44.6	29.8	44.6
170	34.4	20.7	31.1#

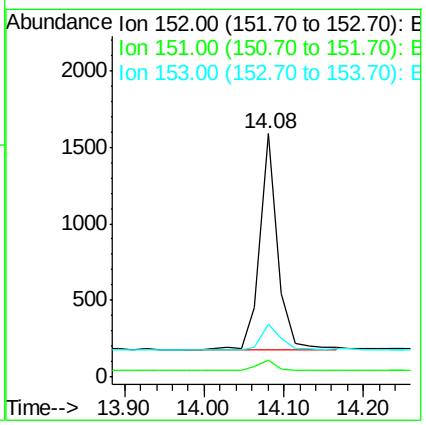


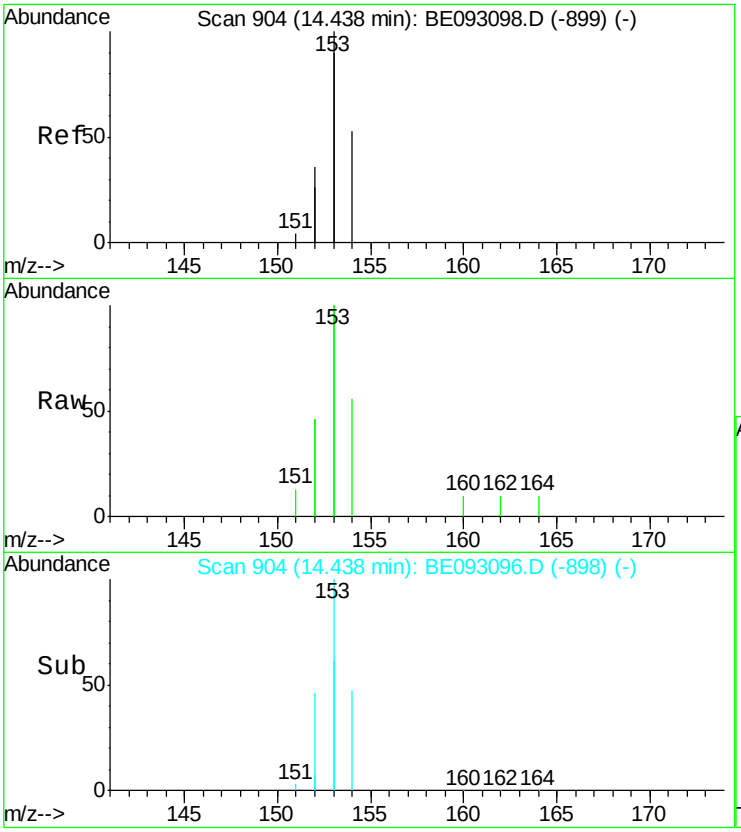


#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:152 Resp: 2210

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



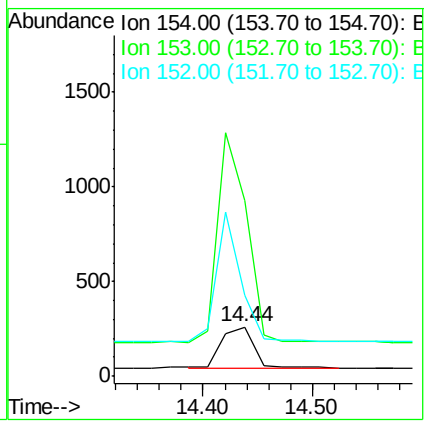


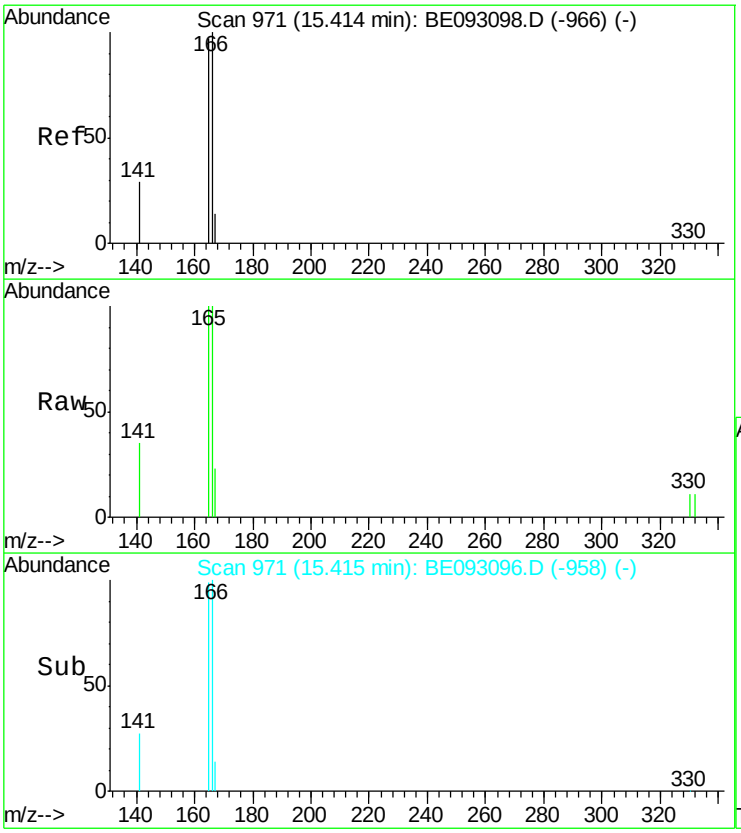
#17
Acenaphthene
Concen: 0.103 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 435

Ion	Ratio	Lower	Upper
154	100		
153	461.4	367.8	551.6
152	242.5	188.2	282.2

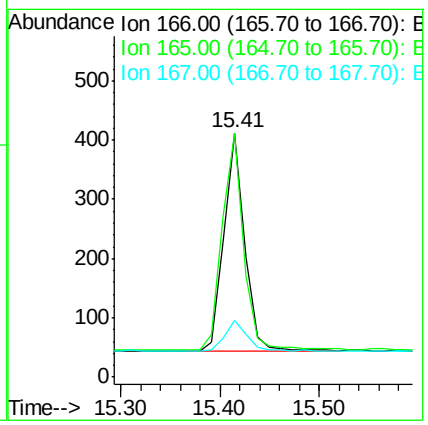


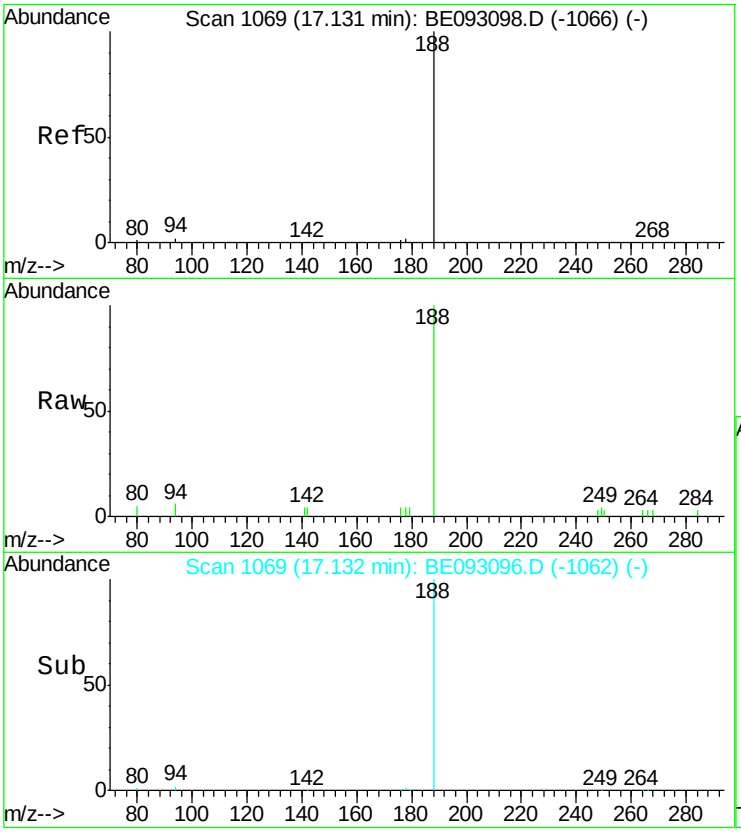


#18
Fluorene
Concen: 0.102 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:166 Resp: 526

Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.6	117.8
167	14.3	11.1	16.7



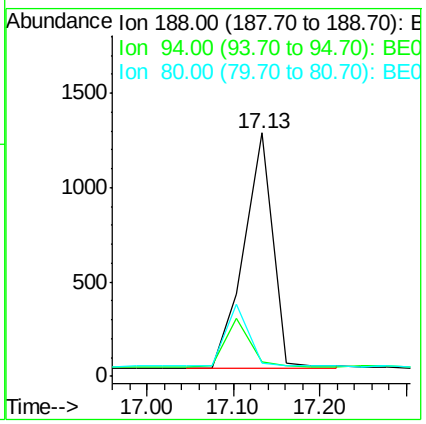


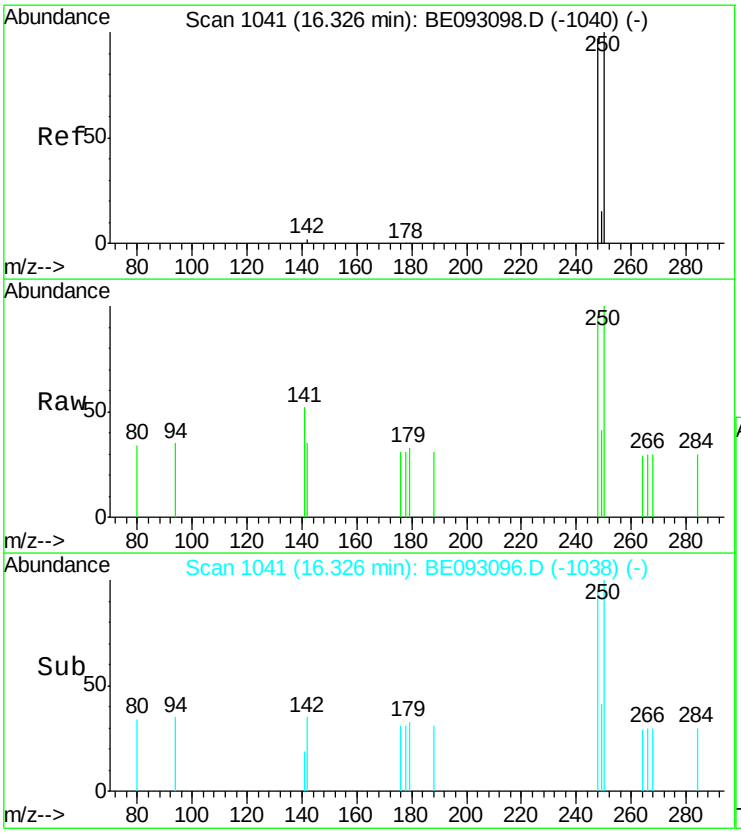
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 2897

Ion	Ratio	Lower	Upper
188	100		
94	5.7	11.3	16.9#
80	5.4	11.7	17.5#

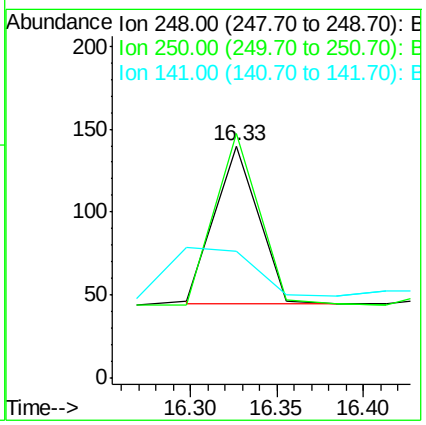


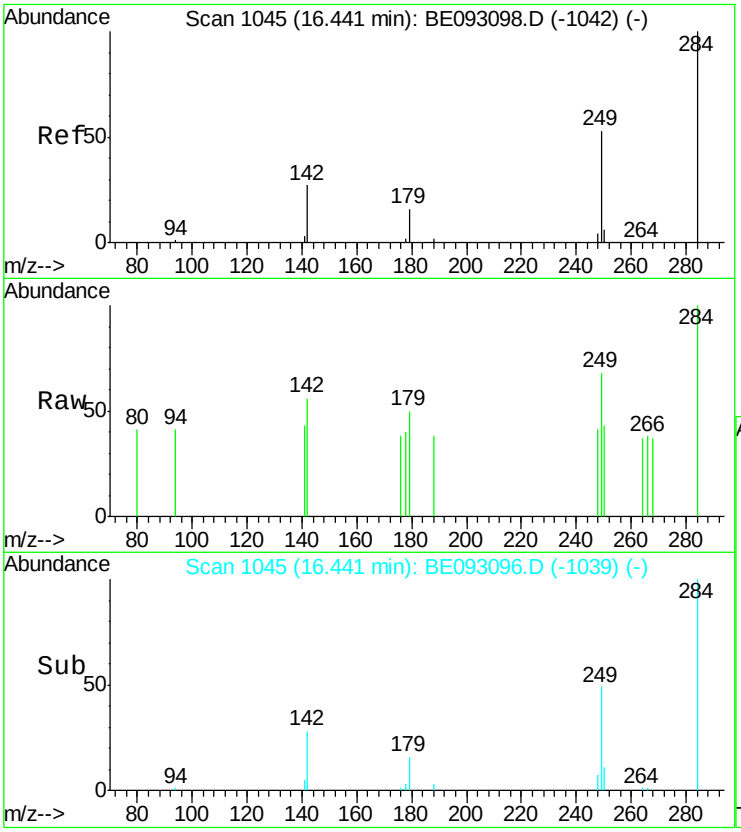


#20
4-Bromophenyl-phenylether
Concen: 0.184 ng
RT: 16.33 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:248 Resp: 166

Ion	Ratio	Lower	Upper
248	100		
250	105.0	100.0	150.0
141	54.3	40.0	60.0



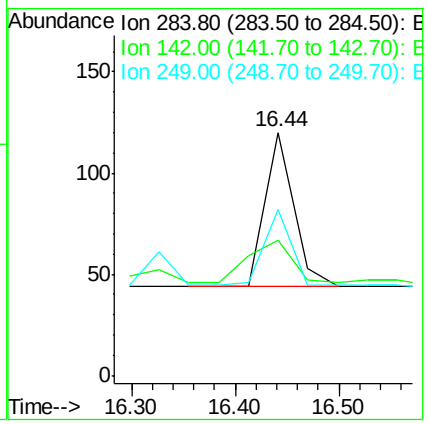


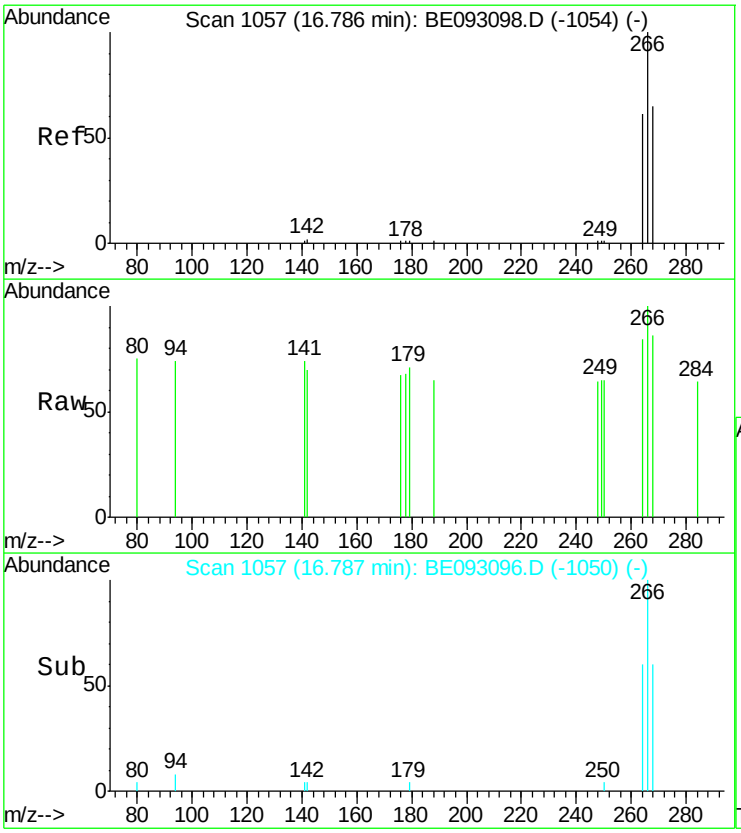
#21
Hexachlorobenzene
Concen: 0.124 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 147

Ion	Ratio	Lower	Upper
284	100		
142	40.8	0.0	0.0#
249	44.9	0.0	0.0#

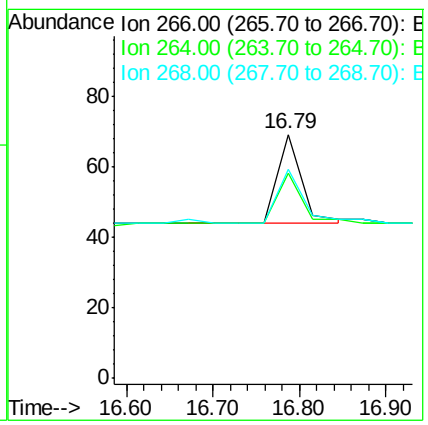


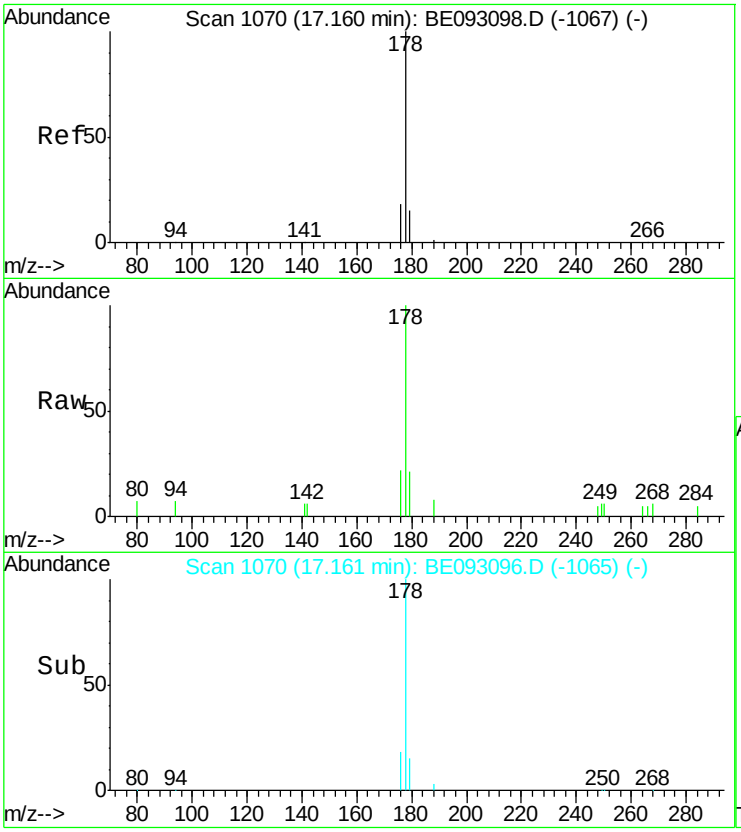


#22
Pentachlorophenol
Concen: 0.132 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:266 Resp: 48

Ion	Ratio	Lower	Upper
266	100		
264	84.1	58.2	87.2
268	85.5	71.9	107.9



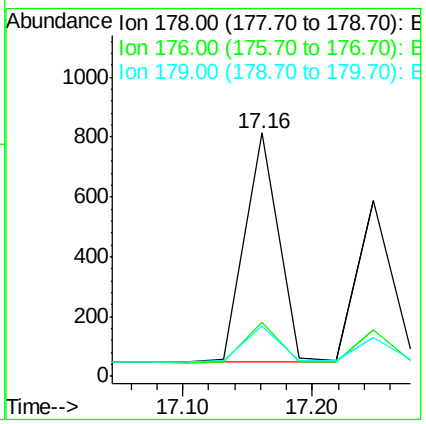


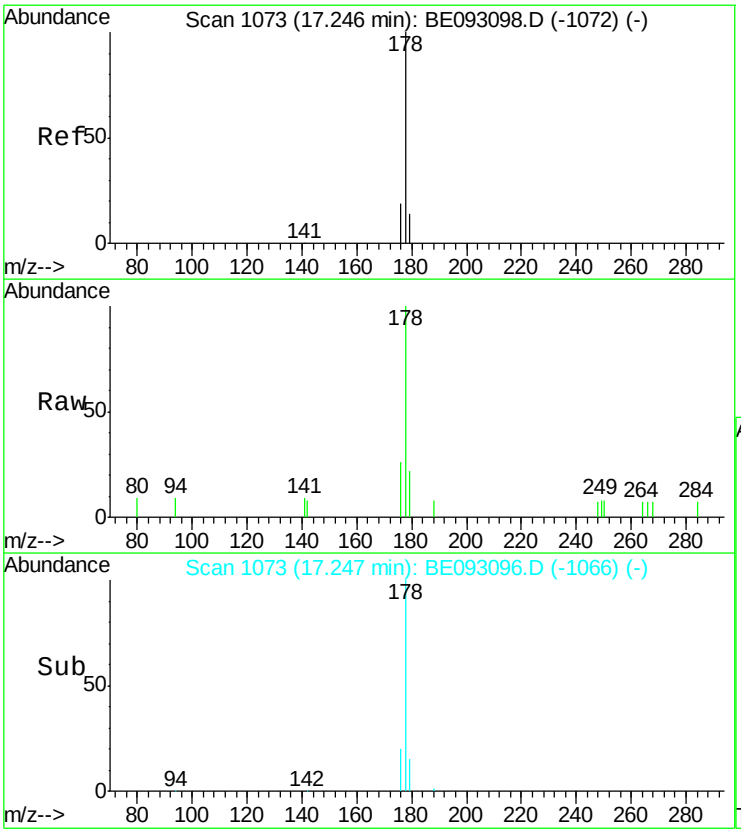
#23
Phenanthrene
Concen: 0.218 ng
RT: 17.16 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1369

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.7	19.1

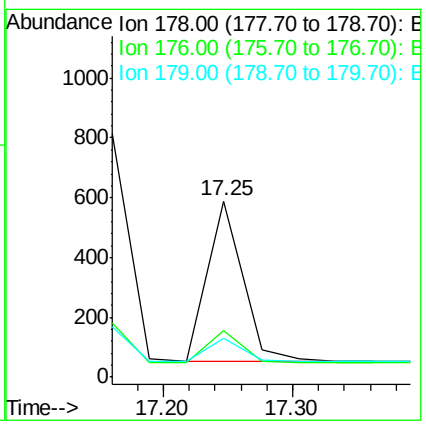


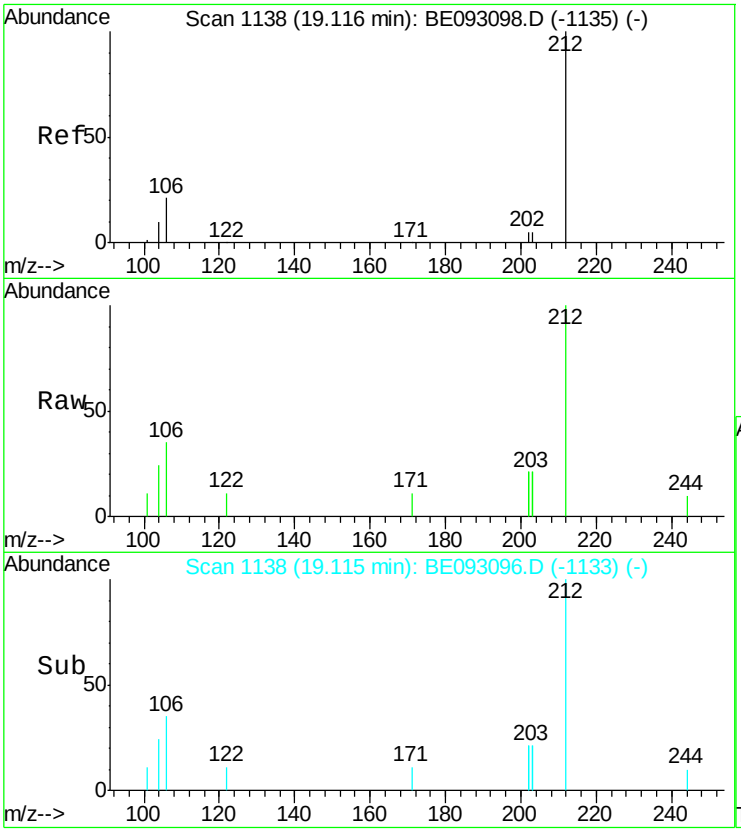


#24
Anthracene
Concen: 0.169 ng
RT: 17.25 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:178 Resp: 1001

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.6	22.0
179	14.7	12.0	18.0



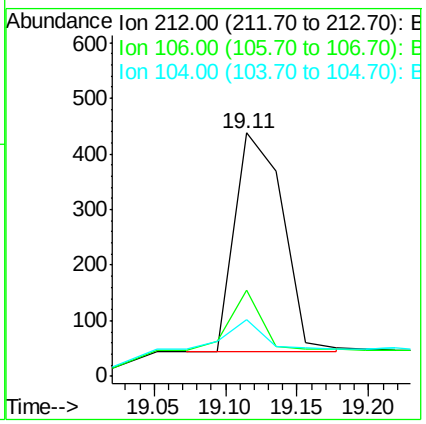


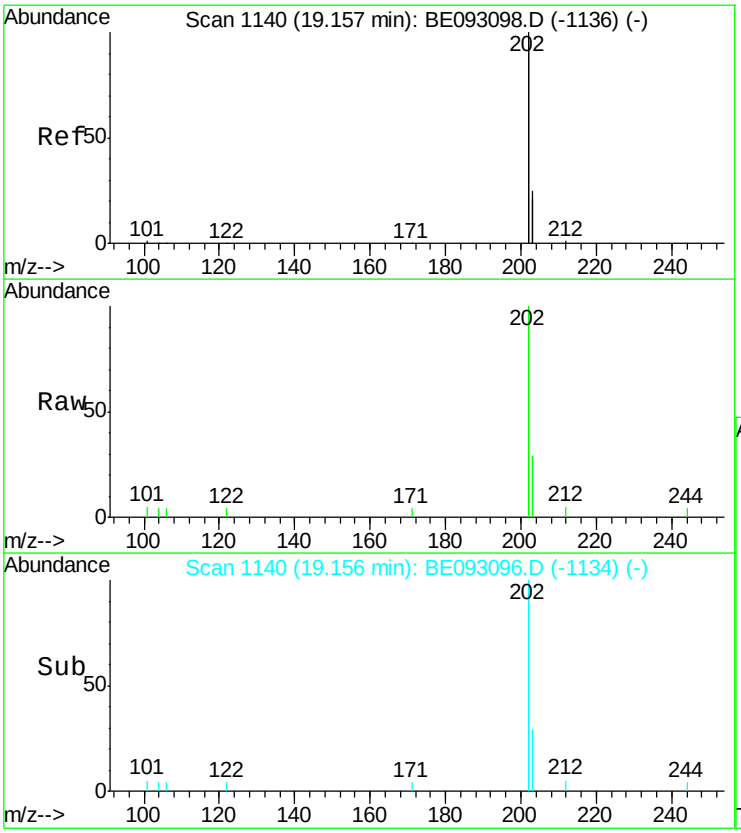
#25
Fluoranthene-d10
Concen: 0.122 ng
RT: 19.11 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 931

Ion	Ratio	Lower	Upper
212	100		
106	18.0	0.0	0.0#
104	9.5	0.0	0.0#

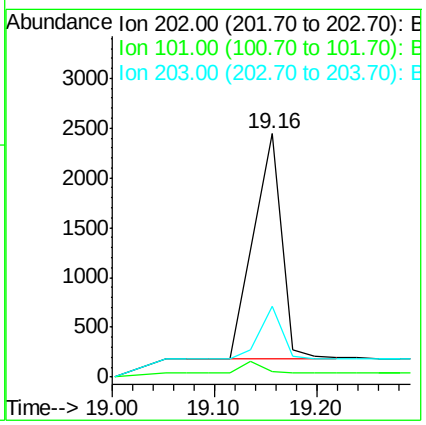


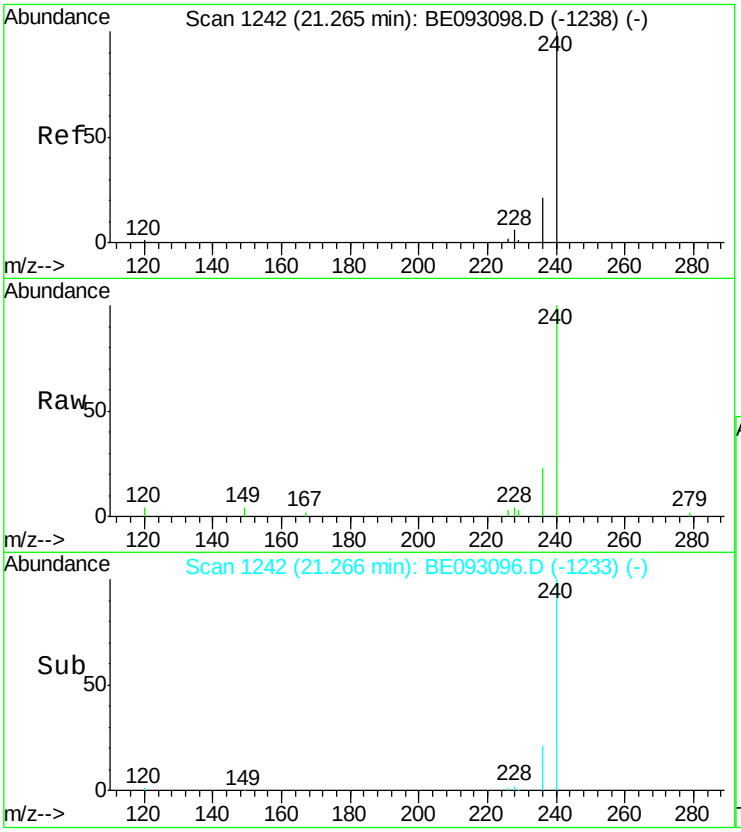


#26
Fluoranthene
Concen: 0.123 ng
RT: 19.16 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:202 Resp: 4393

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.0	14.4	21.6



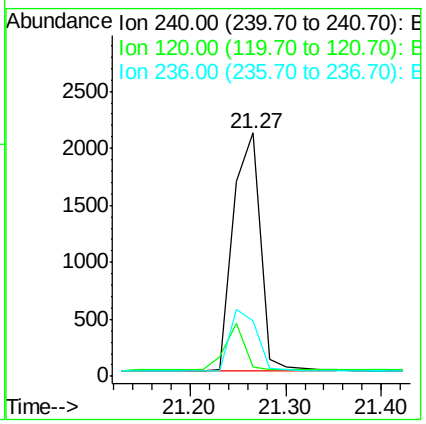


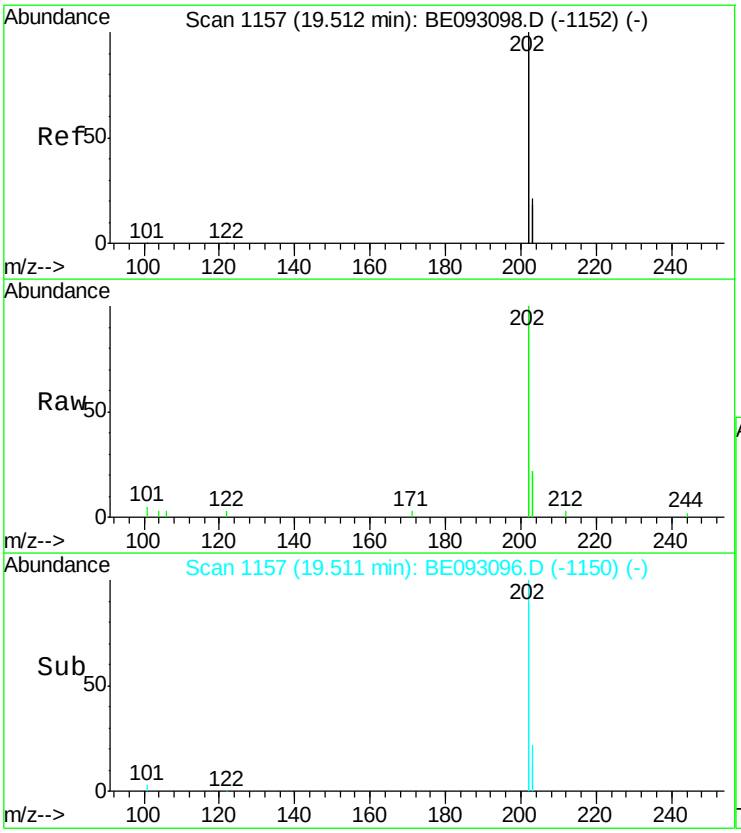
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 4113

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.6	7.0#
236	23.0	20.8	31.2

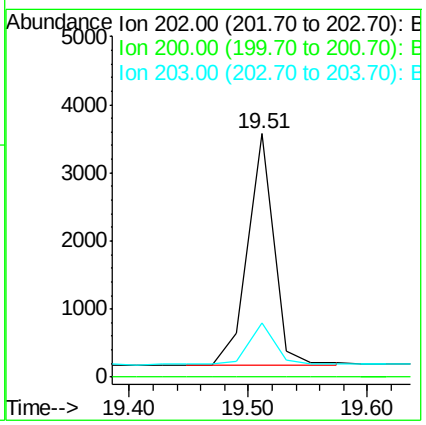


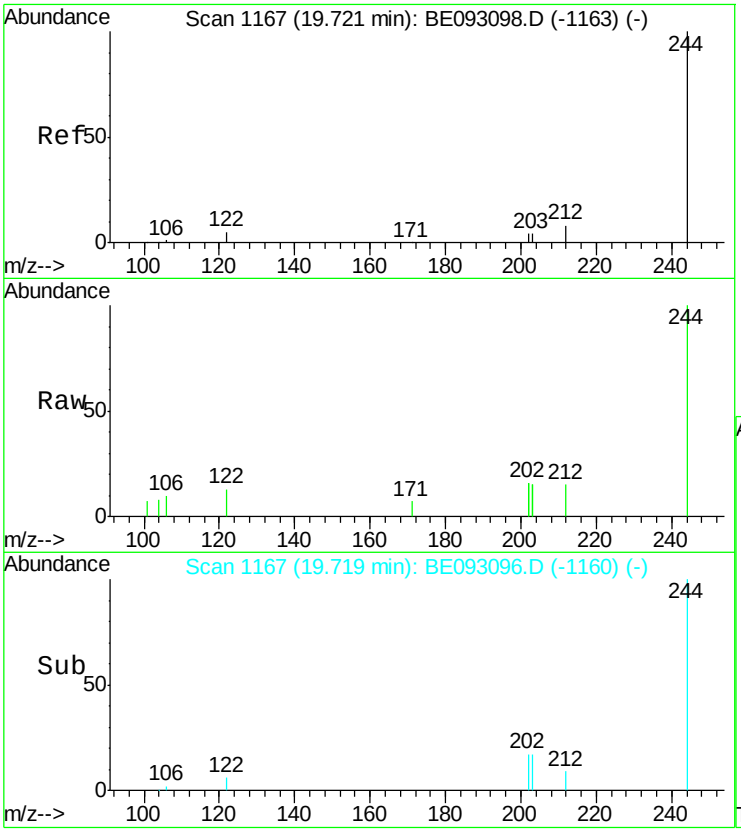


#28
Pyrene
Concen: 0.104 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:202 Resp: 5149

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



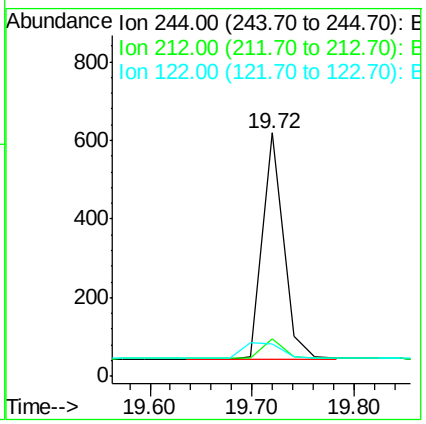


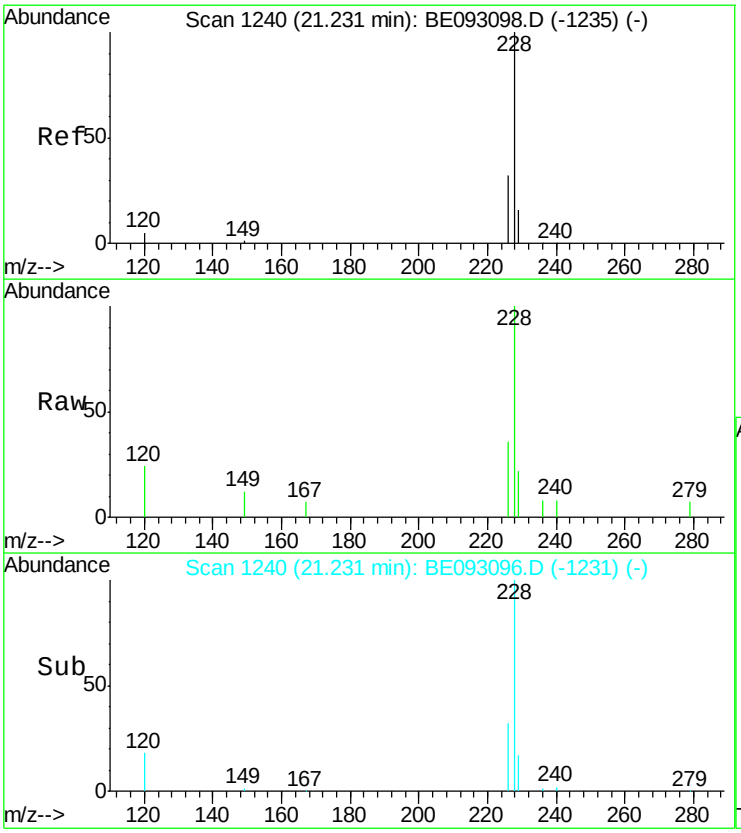
#29
Terphenyl-d14
Concen: 0.106 ng
RT: 19.72 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 815

Ion	Ratio	Lower	Upper
244	100		
212	15.2	10.6	16.0
122	13.4	15.4	23.0#

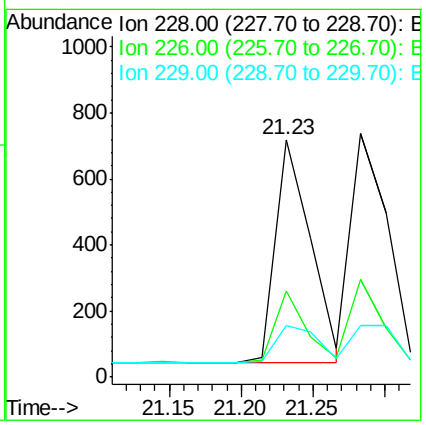


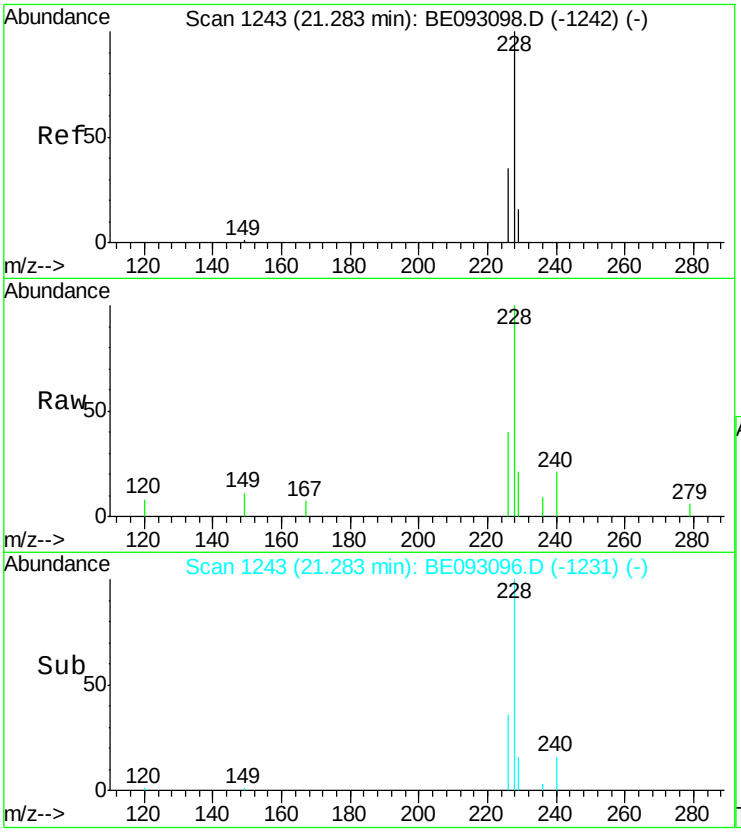


#30
Benzo(a)anthracene
Concen: 0.103 ng
RT: 21.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:228 Resp: 1154

Ion	Ratio	Lower	Upper
228	100		
226	36.4	19.7	29.5#
229	21.8	19.2	28.8



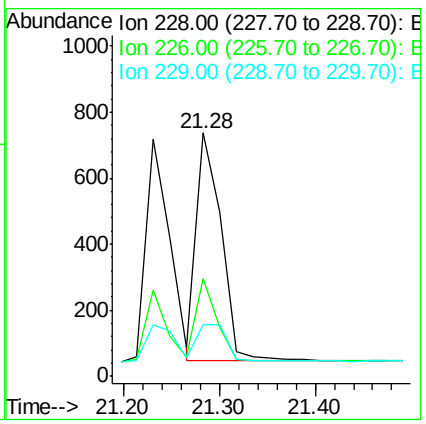


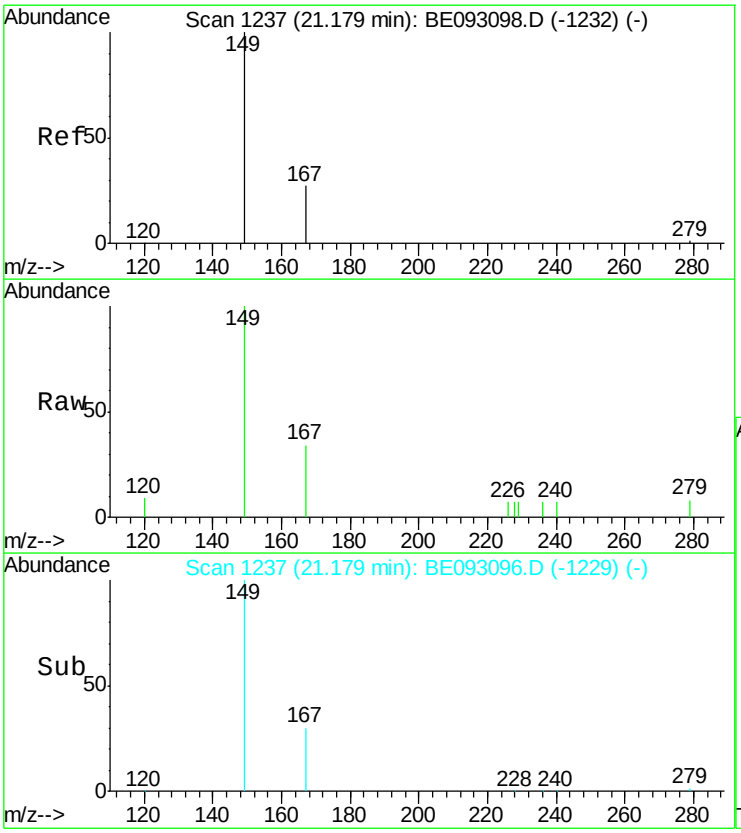
#31
Chrysene
Concen: 0.104 ng
RT: 21.28 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1243

Ion	Ratio	Lower	Upper
228	100		
226	39.9	21.5	32.3#
229	21.2	18.6	28.0

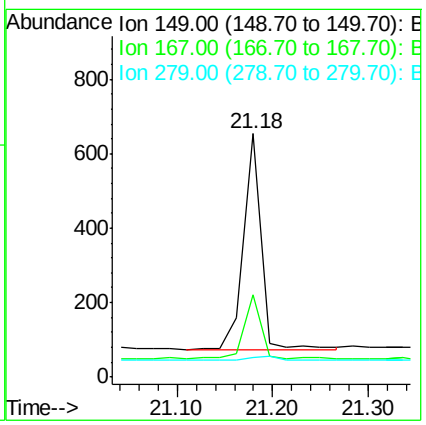


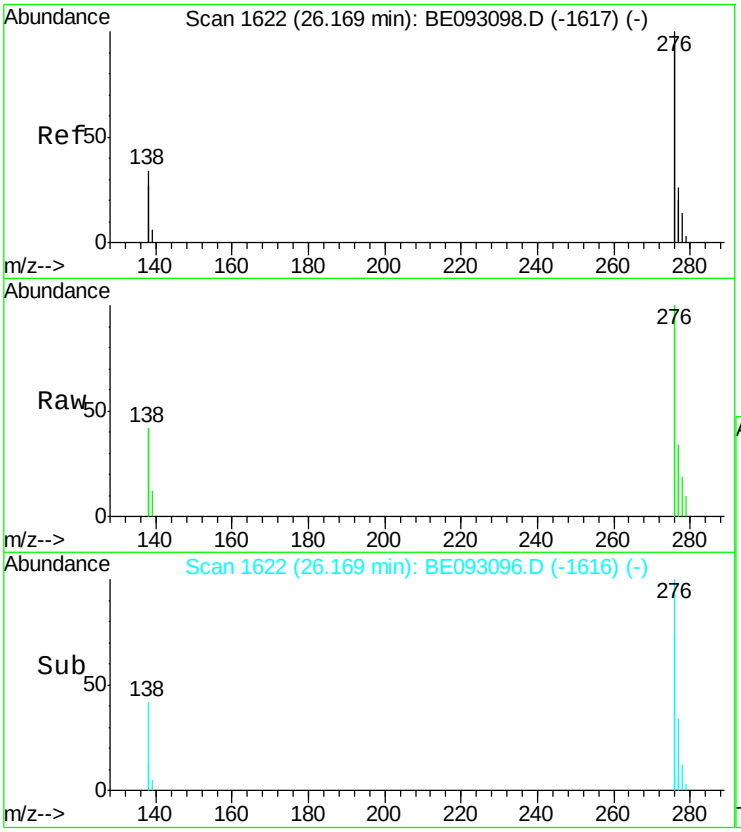


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.18 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:149 Resp: 736

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.1	30.1
279	3.1	2.2	3.4



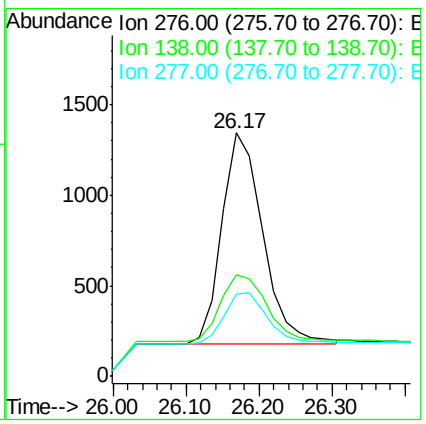


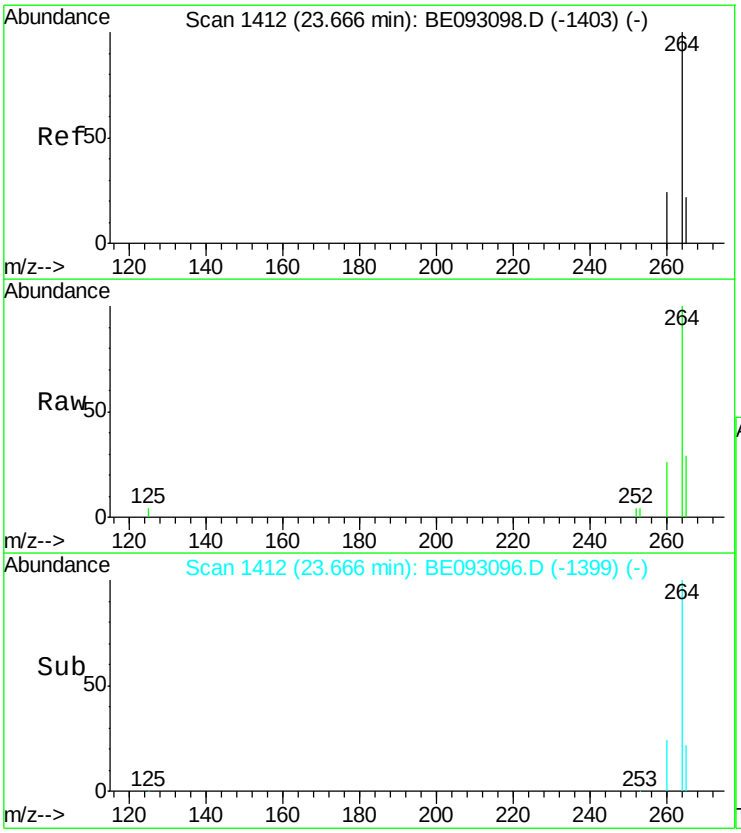
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 26.17 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4525

Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.4	41.2
277	25.8	20.1	30.1

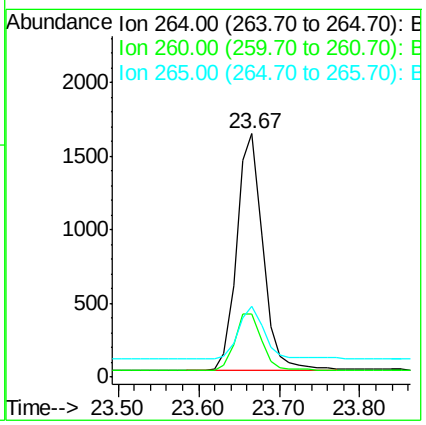


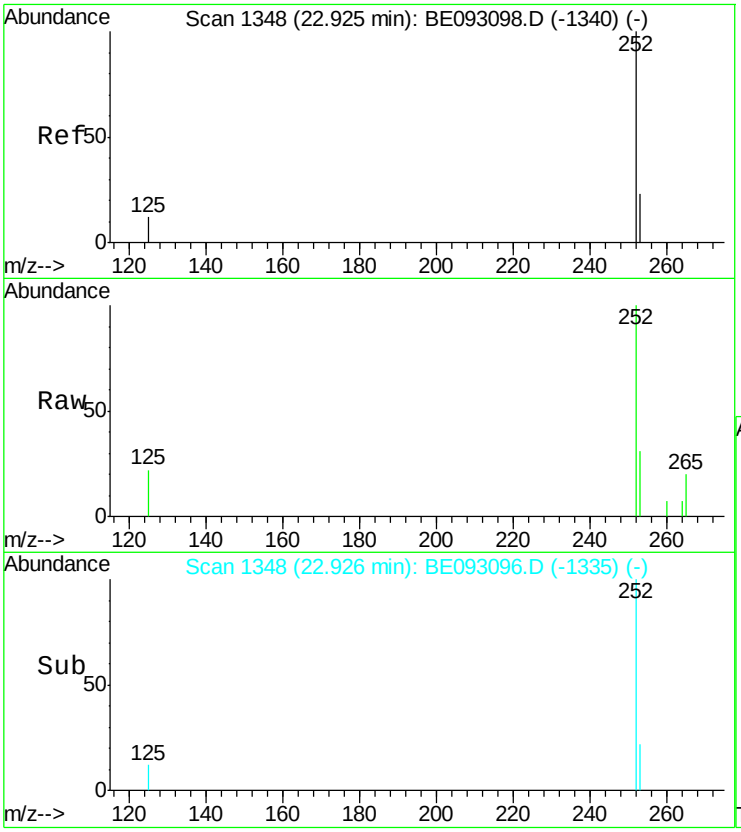


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:264 Resp: 3614

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.0	31.4
265	29.3	24.6	36.8



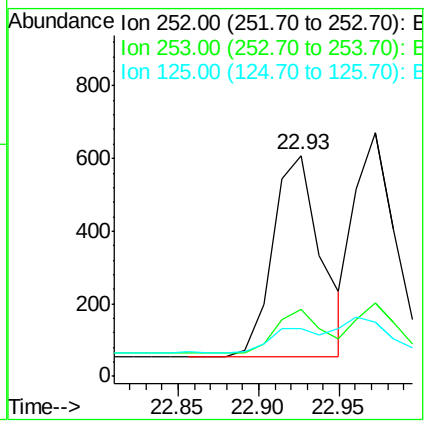


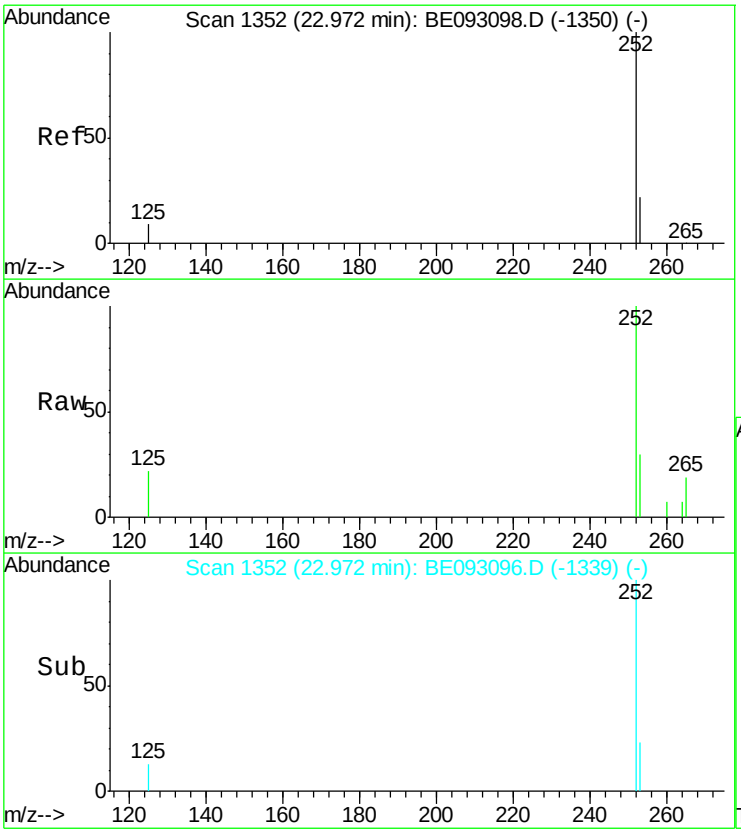
#35
Benzo(b)fluoranthene
Concen: 0.102 ng
RT: 22.93 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1160

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.5	27.7#
125	21.9	13.4	20.0#

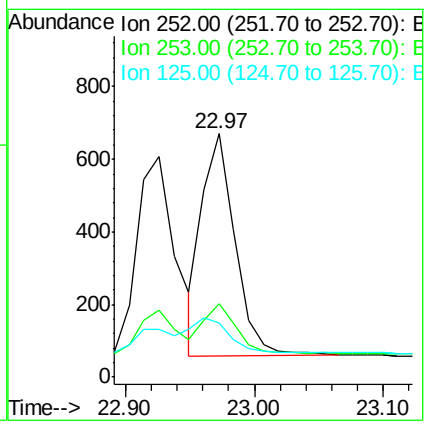


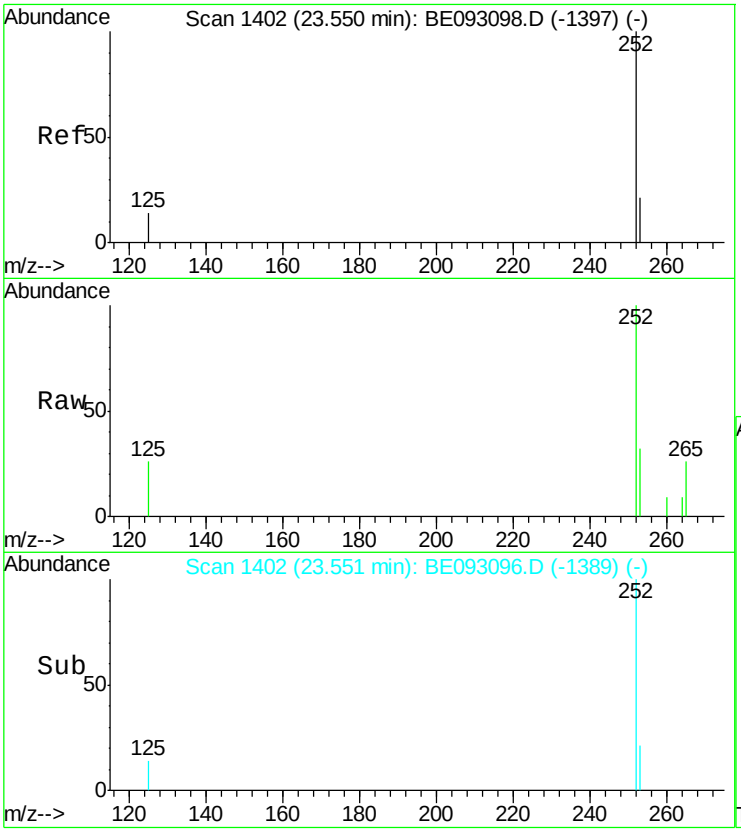


#36
Benzo(k)fluoranthene
Concen: 0.096 ng
RT: 22.97 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:252 Resp: 1098

Ion	Ratio	Lower	Upper
252	100		
253	30.3	20.3	30.5
125	22.1	12.2	18.4#



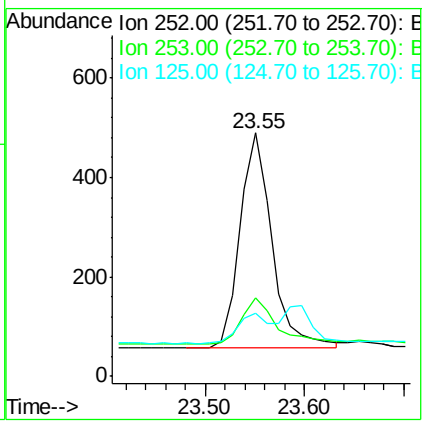


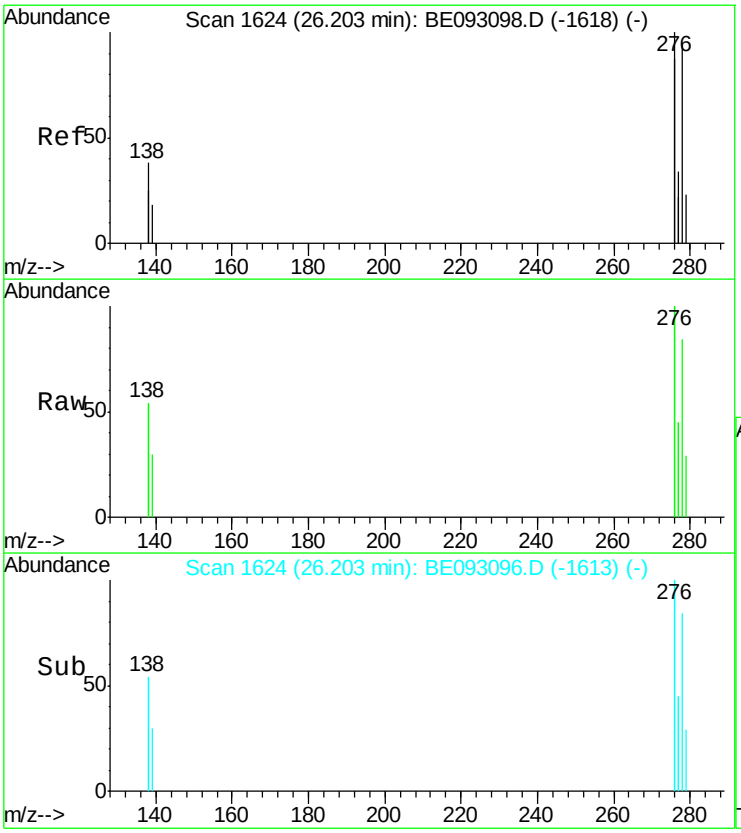
#37
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.55 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 974

Ion	Ratio	Lower	Upper
252	100		
253	32.2	19.9	29.9#
125	26.1	14.6	21.8#

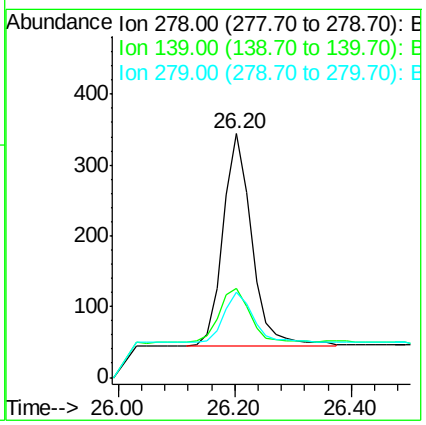


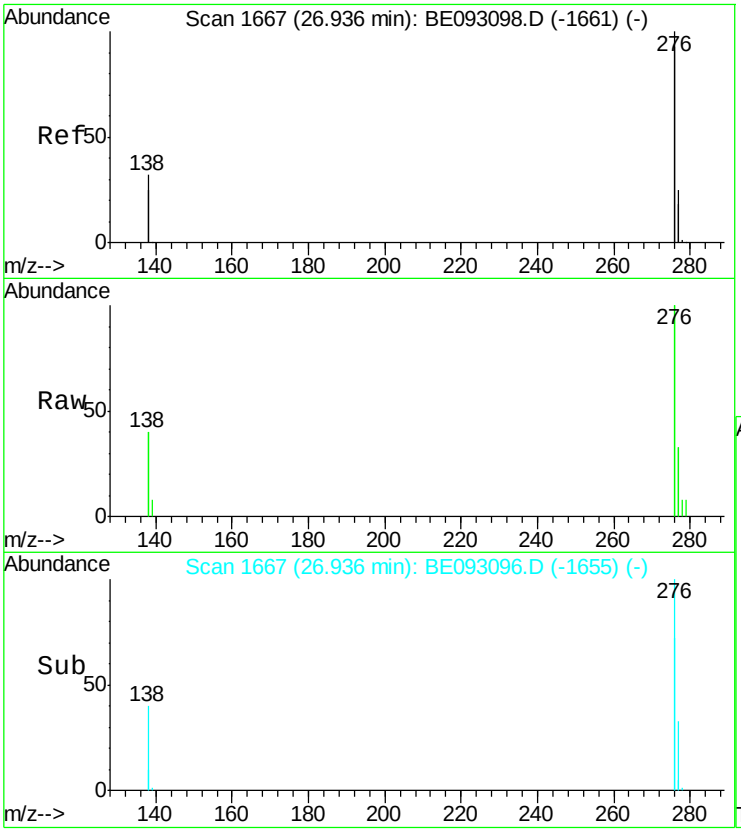


#38
Dibenzo(a,h)anthracene
Concen: 0.105 ng
RT: 26.20 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:278 Resp: 1019

Ion	Ratio	Lower	Upper
278	100		
139	36.3	21.4	32.0#
279	34.9	22.2	33.2#





#39
Benzo(g,h,i)perylene
Concen: 0.100 ng
RT: 26.94 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4226

Ion	Ratio	Lower	Upper
276	100		
277	33.2	21.2	31.8#
138	40.3	24.5	36.7#