Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012318\
Data File : BE095092.D
Acq On : 23 Jan 2018 11:55
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jan 23 13:21:39 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 13:15:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5268	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	12726	0.40	ng		0.00
13) Acenaphthene-d10	15.03	164	7044	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	16563	0.40	ng		0.00
27) Chrysene-d12	21.84	240	16263	0.40	ng		0.00
34) Perylene-d12	24.49	264	14342	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	1603	0.20	ng		0.00
5) Phenol-d6	7.58	99	2479	0.20	ng		0.00
8) Nitrobenzene-d5	9.63	82	2230	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	4113	0.20	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	275	0.17	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	6251	0.20	ng		0.00
25) Fluoranthene-d10	19.72	212	40101	0.19	ng		0.00
29) Terphenyl-d14	20.28	244	6263	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	942	0.181	ng	#	88
3) n-Nitrosodimethylamine	4.02	42	1150	0.187	ng	#	94
6) bis(2-Chloroethyl)ether	7.86	93	2424	0.204	ng		91
9) Naphthalene	11.36	128	28675	0.192	ng		99
10) Hexachlorobutadiene	11.61	225	1310	0.193	ng		98
12) 2-Methylnaphthalene	12.91	142	4819	0.129	ng		97
16) Acenaphthylene	14.77	152	7192	0.191	ng		100
17) Acenaphthene	15.09	154	4814	0.193	ng		93
18) Fluorene	16.07	166	5862	0.189	ng	#	78
20) 4-Bromophenyl-phenylether	16.94	248	1873	0.193	ng	#	73
21) Hexachlorobenzene	17.06	284	1973	0.199	ng	#	82
22) Pentachlorophenol	17.39	266	358	0.189	ng	#	80
23) Phenanthrene	17.77	178	10123	0.196	ng		99
24) Anthracene	17.86	178	8532	0.161	ng		96
26) Fluoranthene	19.75	202	11750	0.184	ng		98
28) Pyrene	20.10	202	12603	0.229	ng		94
30) Benzo(a)anthracene	21.81	228	9759	0.205	ng		99
31) Chrysene	21.87	228	10403	0.194	ng		98
32) Bis(2-ethylhexyl)phthalate	21.70	149	12501	0.206	ng		99
33) Indeno(1,2,3-cd)pyrene	27.31	276	9274	0.213	ng		96
35) Benzo(b)fluoranthene	23.66	252	9905	0.188	ng	#	90
36) Benzo(k)fluoranthene	23.72	252	9708	0.182	ng	#	92
37) Benzo(a)pyrene	24.37	252	9014	0.193	ng	#	94
38) Dibenzo(a,h)anthracene	27.34	278	7184	0.166	ng		97
39) Benzo(g,h,i)perylene	28.19	276	8241	0.191	ng	#	95

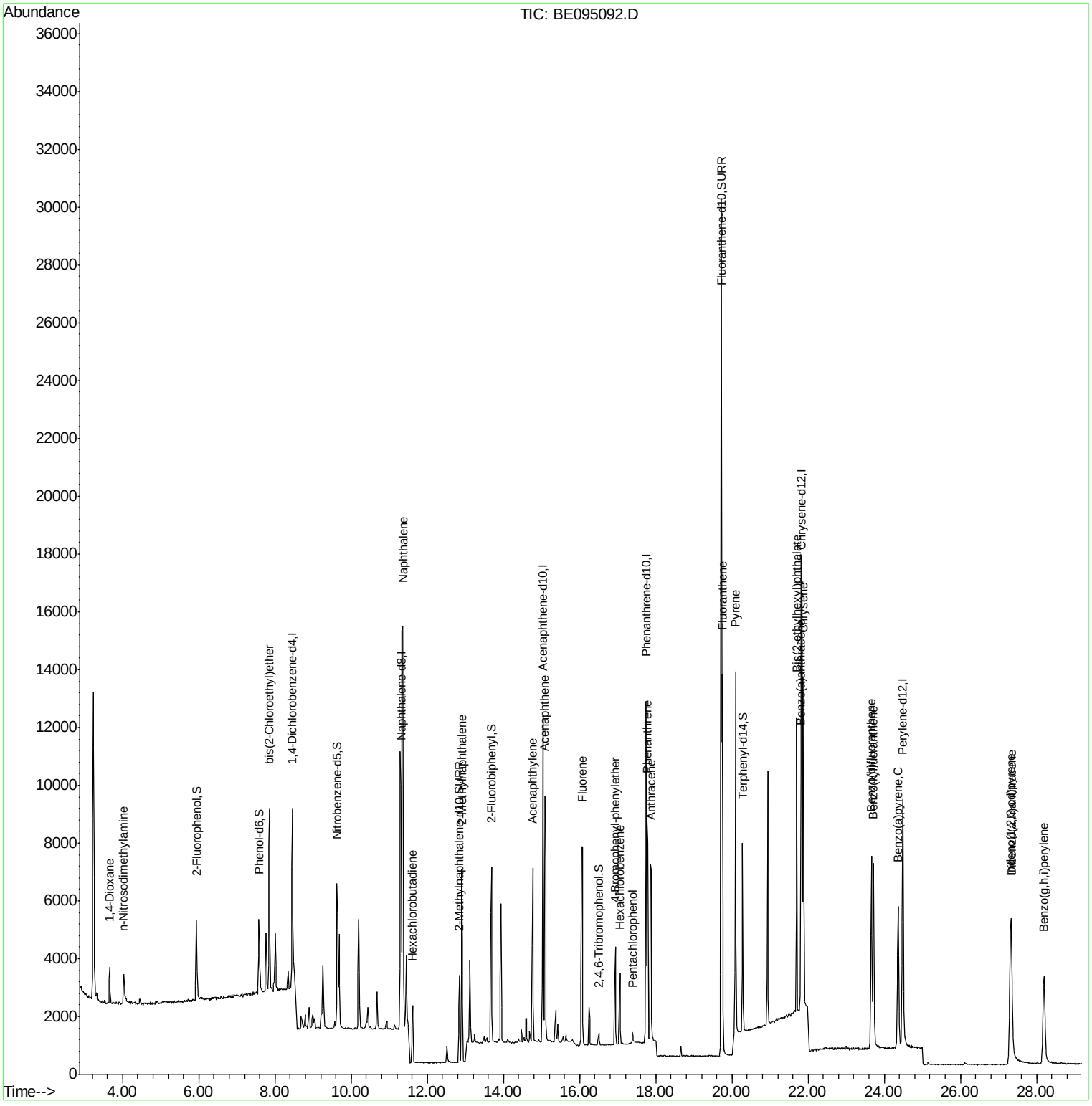
(#) = qualifier out of range (m) = manual integration (+) = signals summed

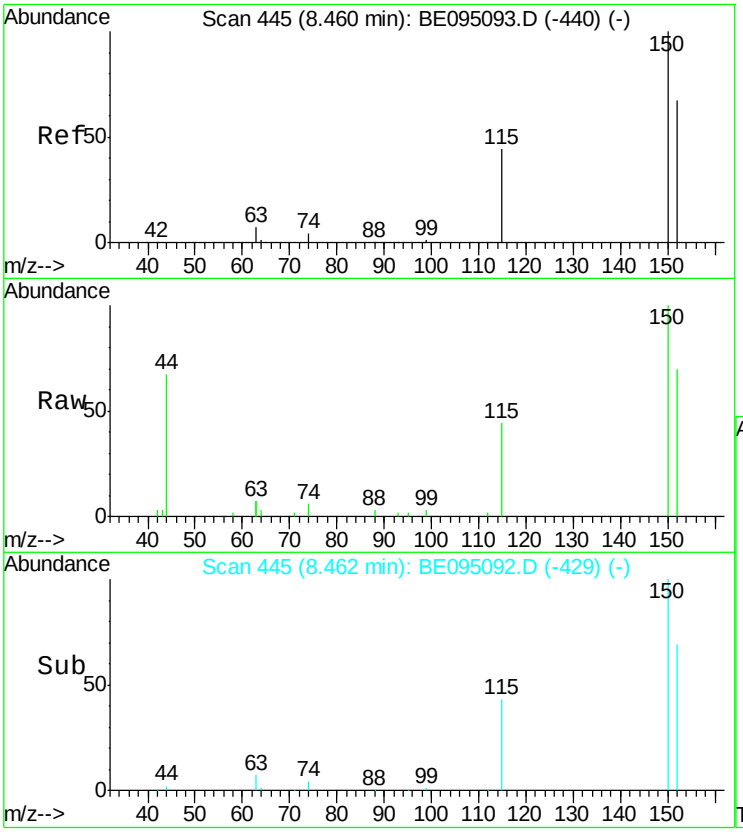
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012318\
Data File : BE095092.D
Acq On : 23 Jan 2018 11:55
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 23 13:21:39 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 13:15:11 2018
Response via : Initial Calibration



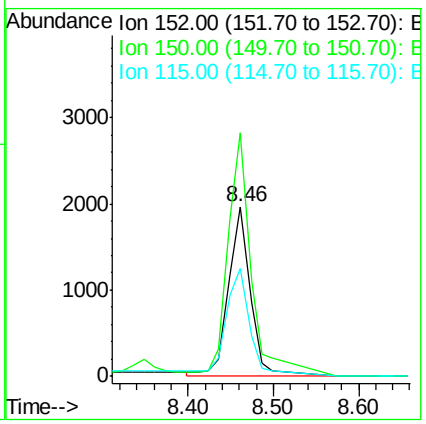


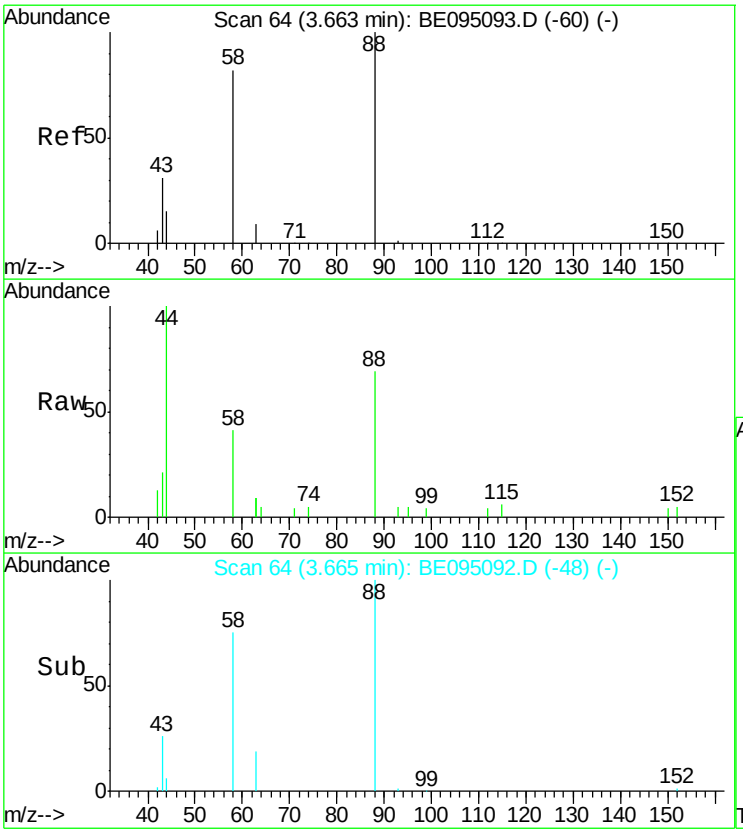
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5268

Ion	Ratio	Lower	Upper
152	100		
150	143.6	117.2	175.8
115	63.3	57.0	85.6

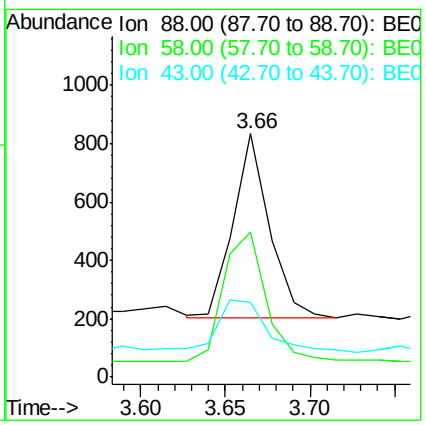


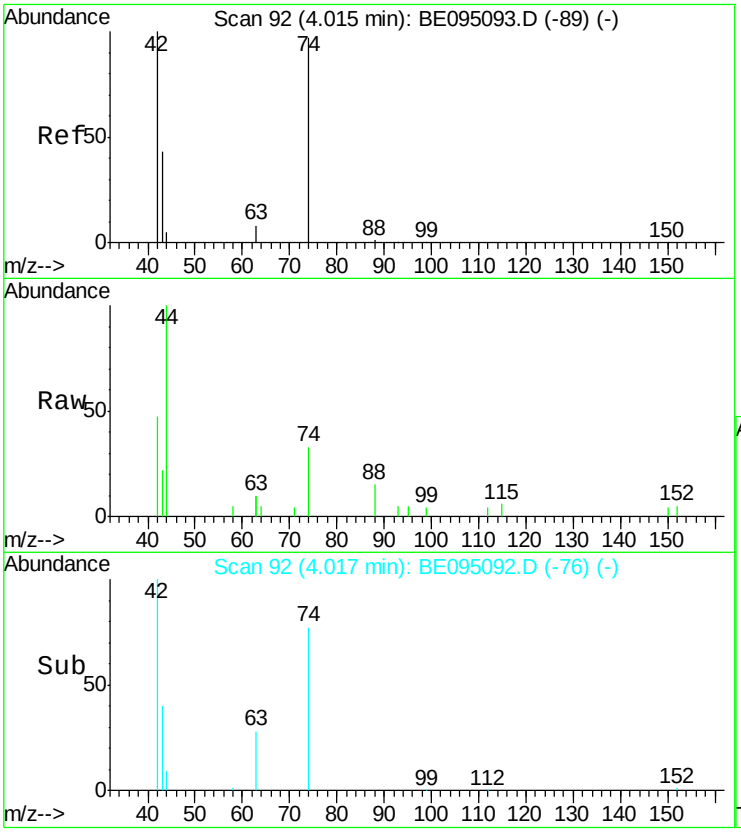


#2
1,4-Dioxane
Concen: 0.181 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion: 88 Resp: 942

Ion	Ratio	Lower	Upper
88	100		
58	85.9	63.2	94.8
43	38.9	41.2	61.8#



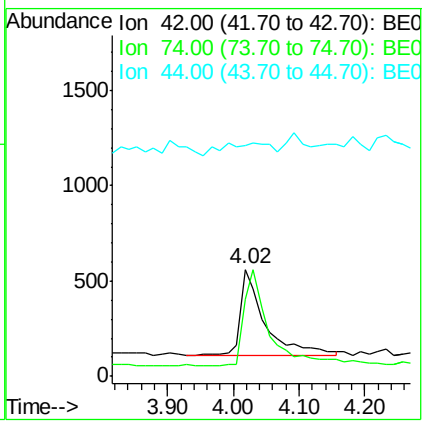


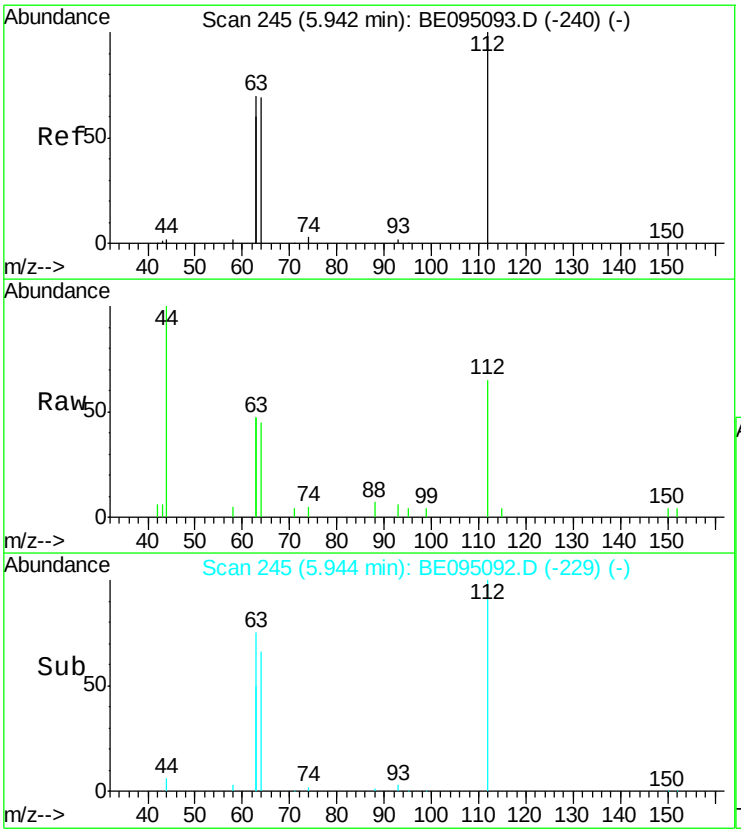
#3
n-Nitrosodimethylamine
Concen: 0.187 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1150

Ion	Ratio	Lower	Upper
42	100		
74	116.6	96.0	144.0
44	29.0	12.0	18.0#

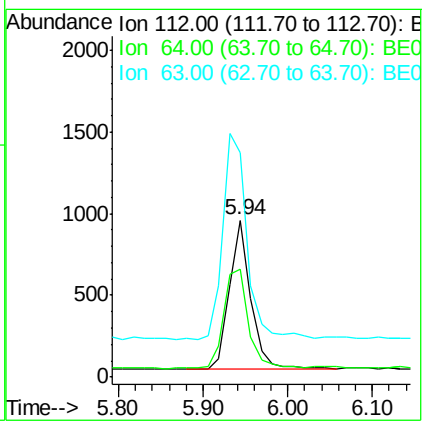


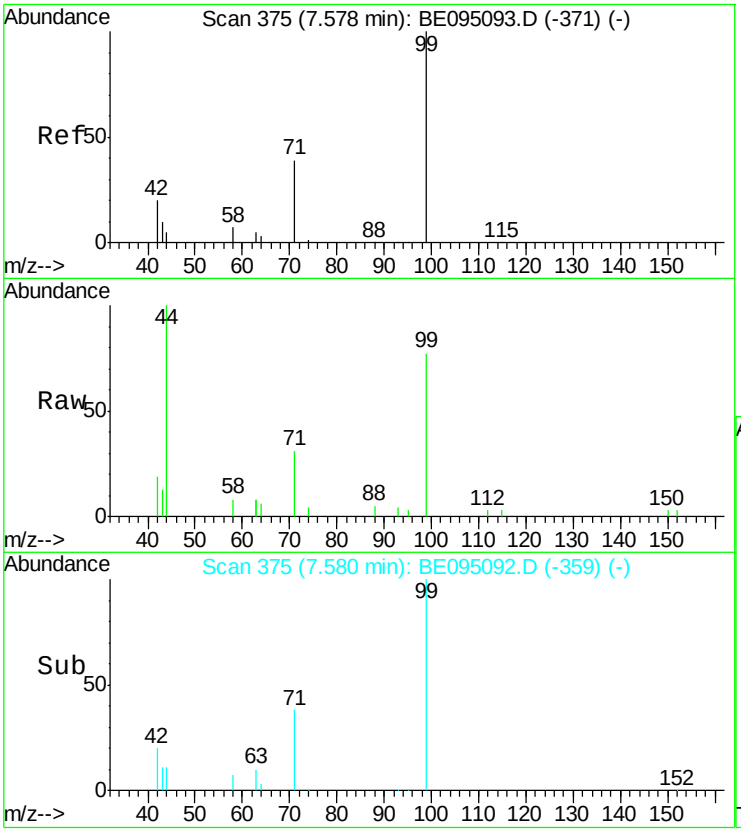


#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.94 min Scan# 245
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:112 Resp: 1603

Ion	Ratio	Lower	Upper
112	100		
64	78.3	60.1	90.1
63	157.5	116.8	175.2



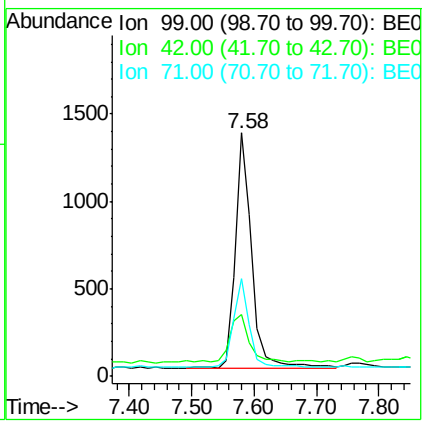


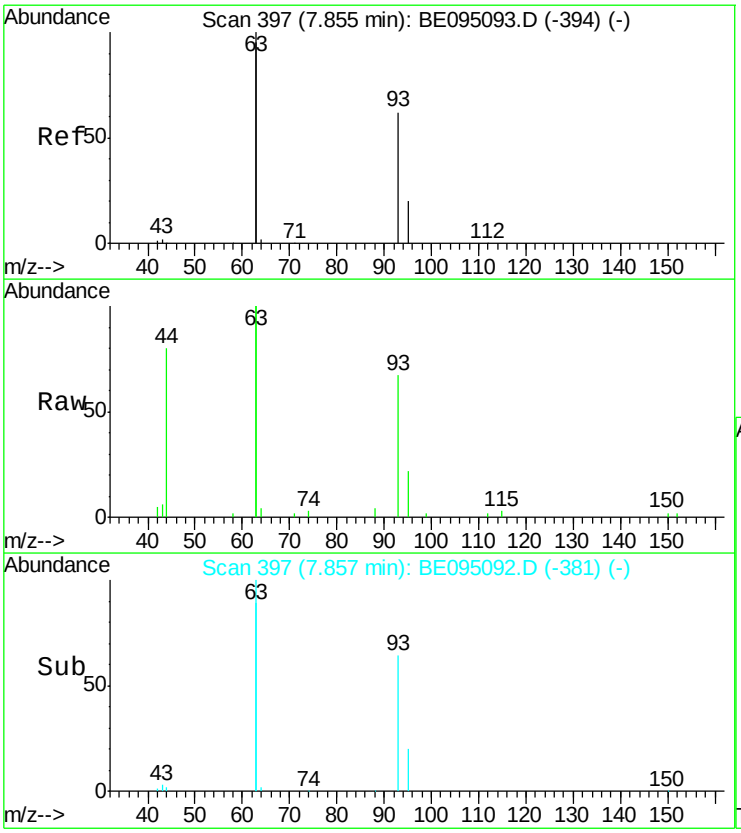
#5
Phenol-d6
Concen: 0.204 ng
RT: 7.58 min Scan# 375
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2479

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	37.3	28.4	42.6

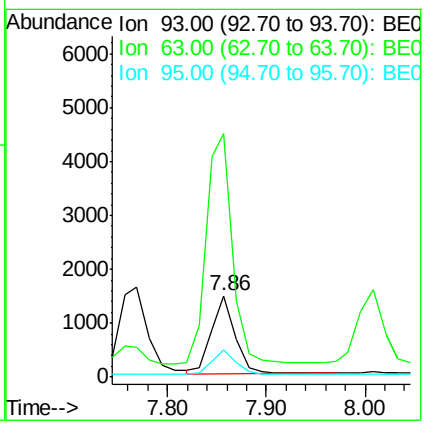


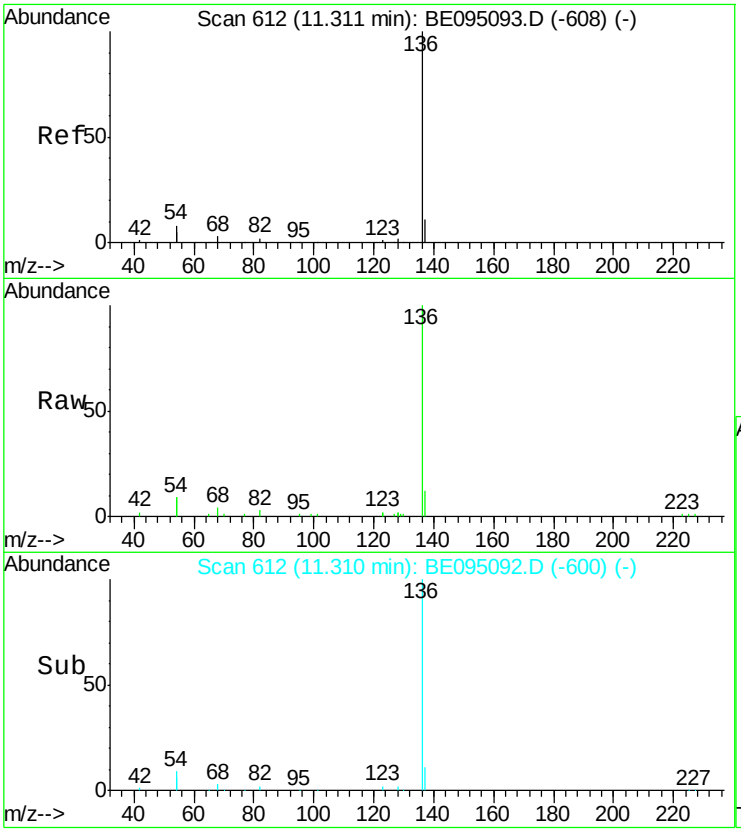


#6
bis(2-Chloroethyl)ether
Concen: 0.204 ng
RT: 7.86 min Scan# 397
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion: 93 Resp: 2424

Ion	Ratio	Lower	Upper
93	100		
63	322.6	275.3	412.9
95	32.1	25.2	37.8



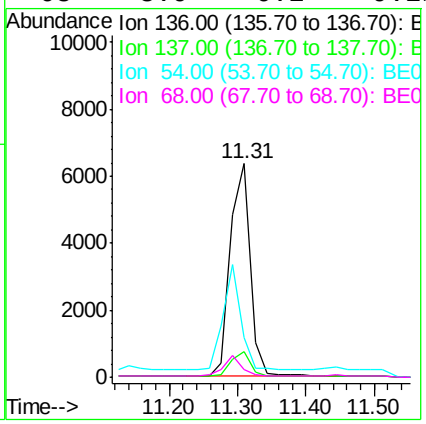


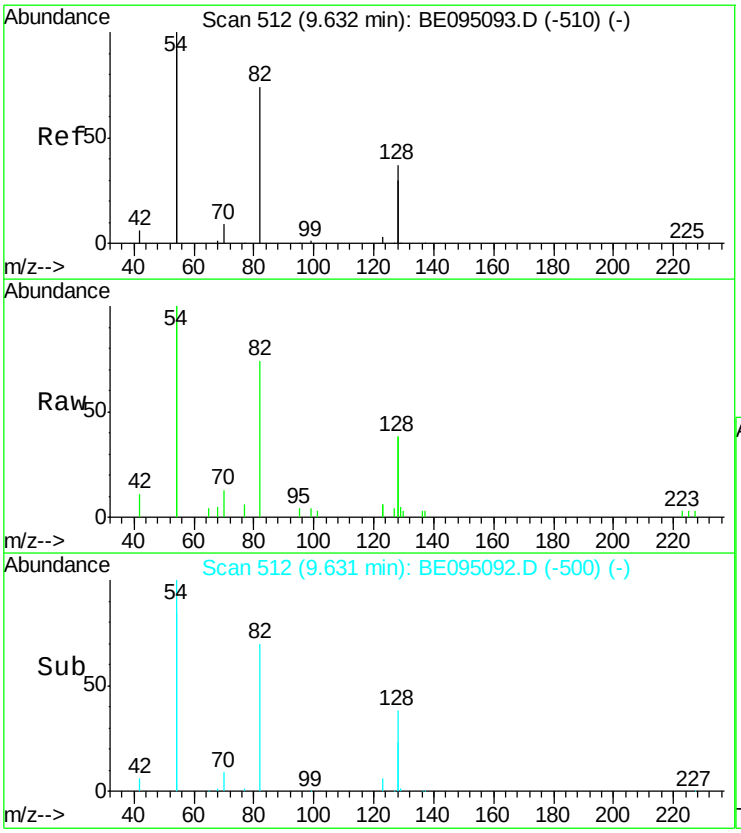
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 12726

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	18.4	29.1	43.7#
68	3.9	6.2	9.2#

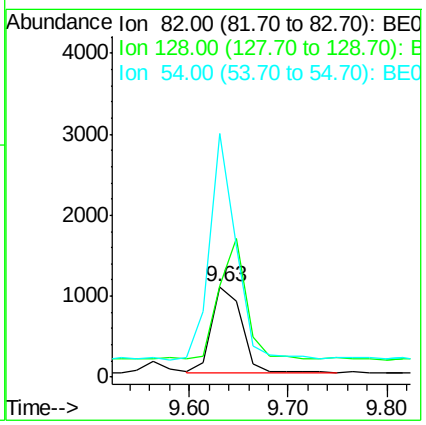


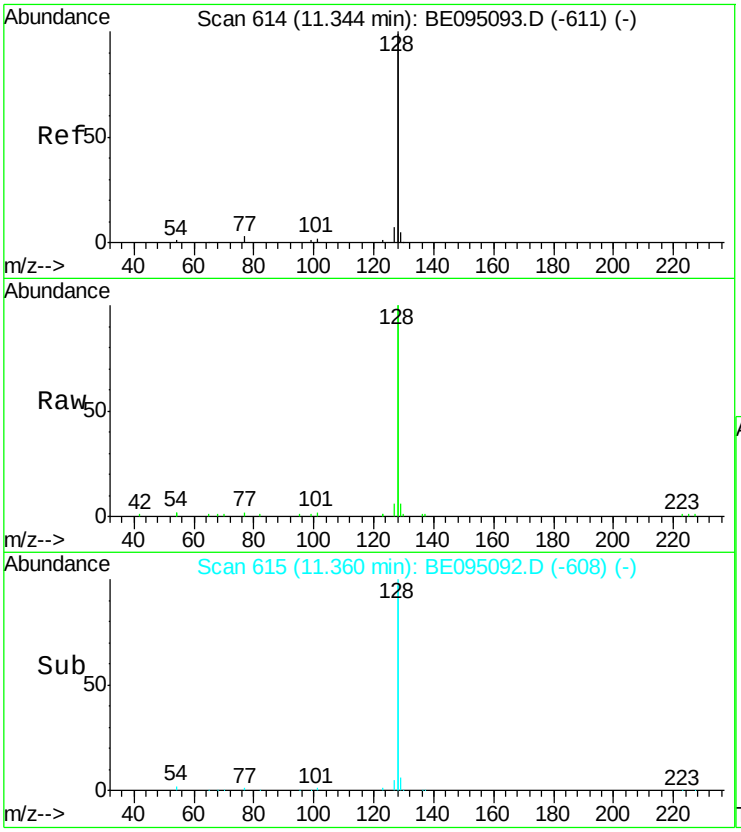


#8
Nitrobenzene-d5
Concen: 0.214 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion: 82 Resp: 2230

Ion	Ratio	Lower	Upper
82	100		
128	101.3	150.0	225.0#
54	269.5	154.2	231.4#



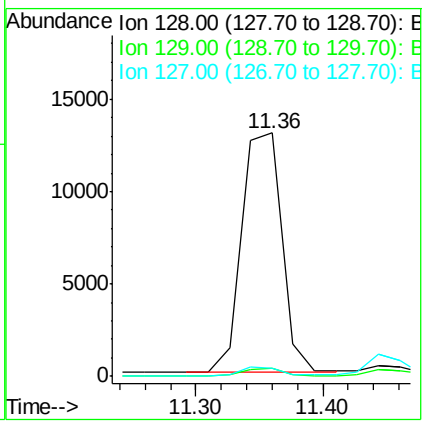


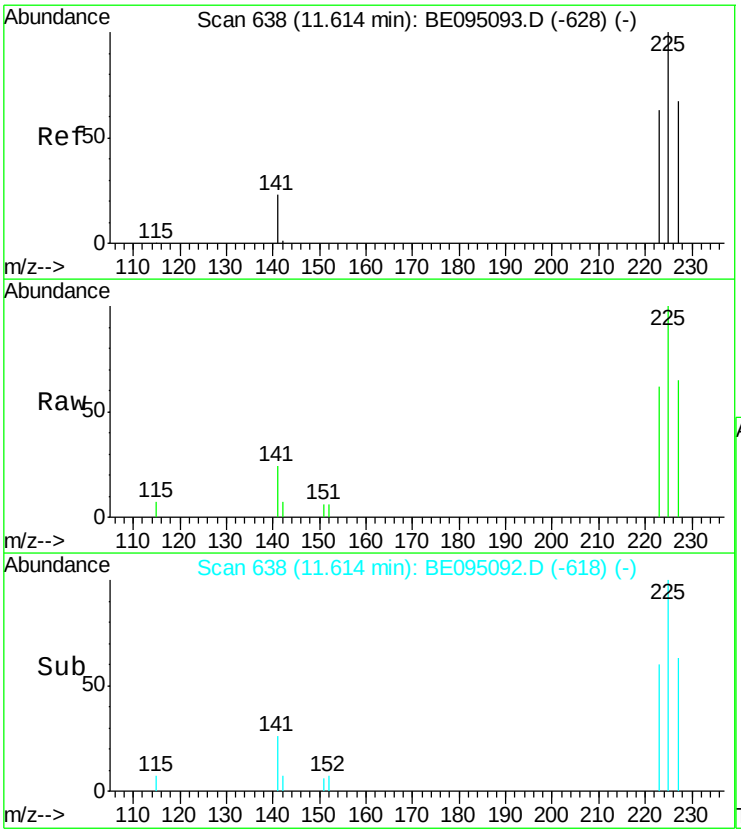
#9
Naphthalene
Concen: 0.192 ng
RT: 11.36 min Scan# 615
Delta R.T. 0.02 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 28675

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.1	2.8	4.2

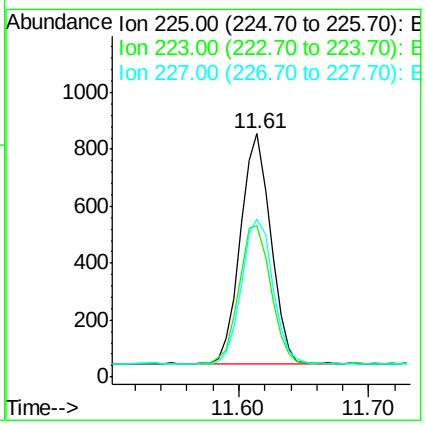


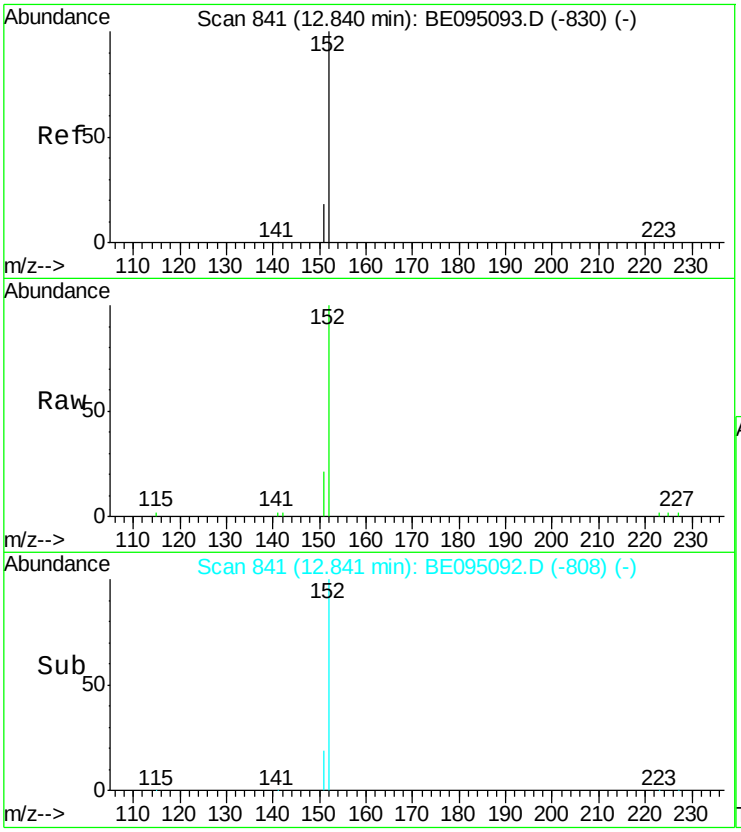


#10
Hexachlorobutadiene
Concen: 0.193 ng
RT: 11.61 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:225 Resp: 1310

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	64.7	51.4	77.2



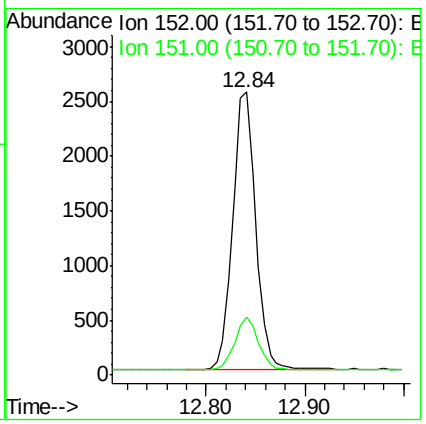


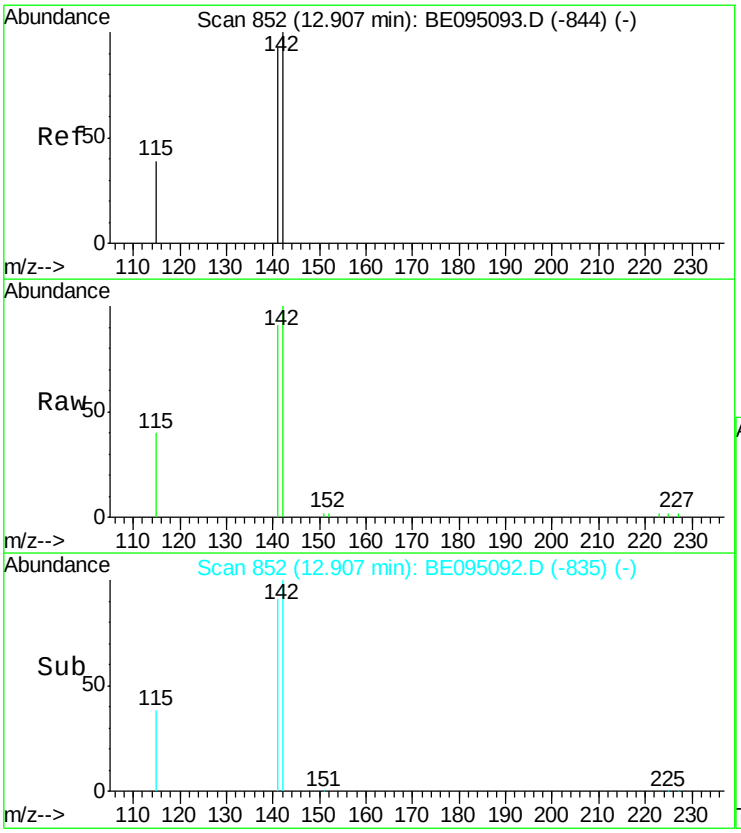
#11
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 12.84 min Scan# 841
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4113

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

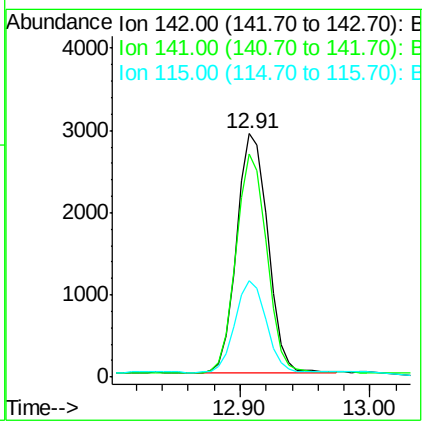


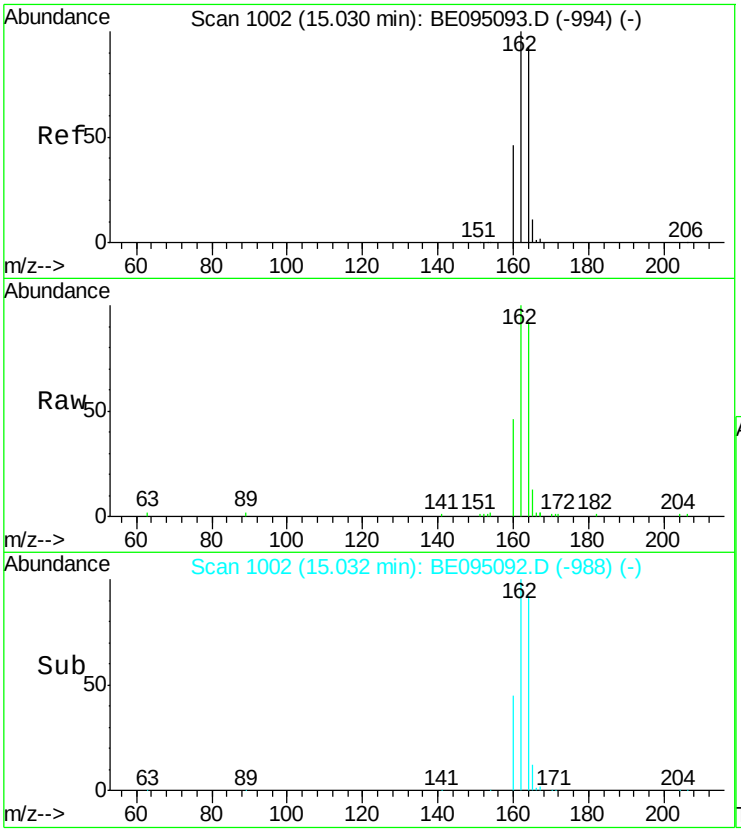


#12
2-Methylnaphthalene
Concen: 0.129 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:142 Resp: 4819

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.4	105.6
115	39.6	31.7	47.5



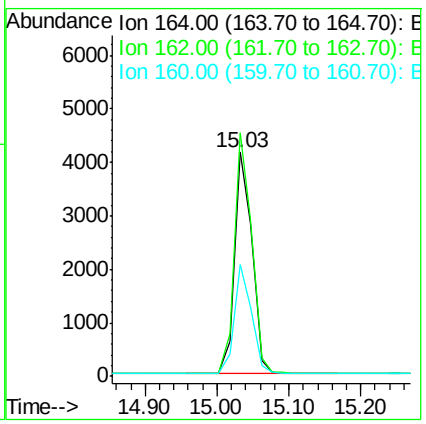


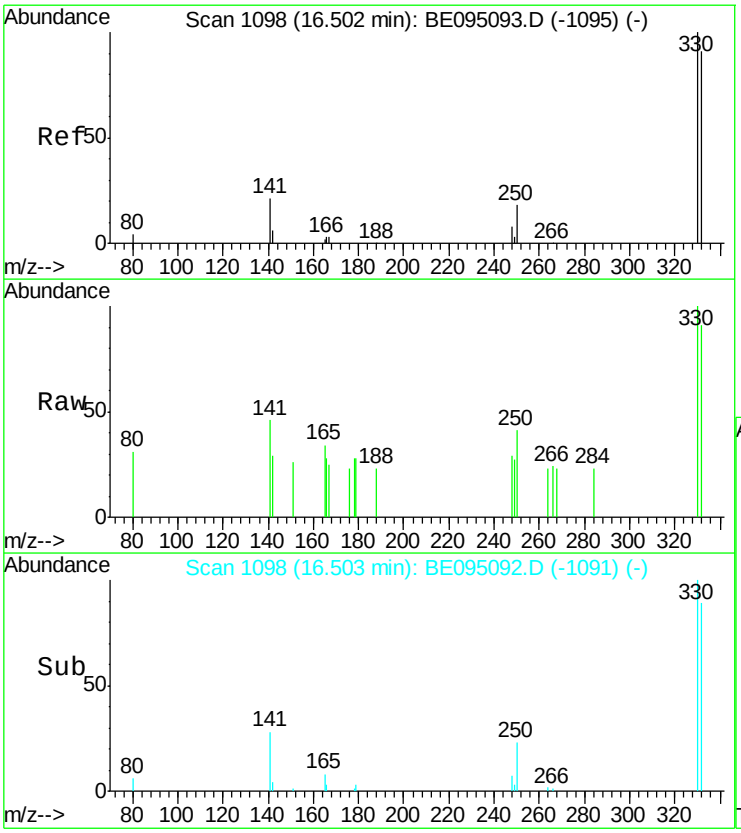
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 7044

Ion	Ratio	Lower	Upper
164	100		
162	108.7	83.1	124.7
160	49.9	37.1	55.7

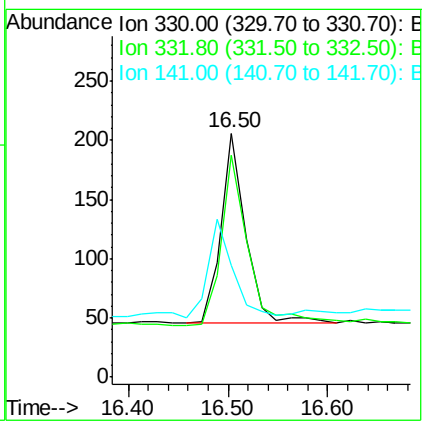


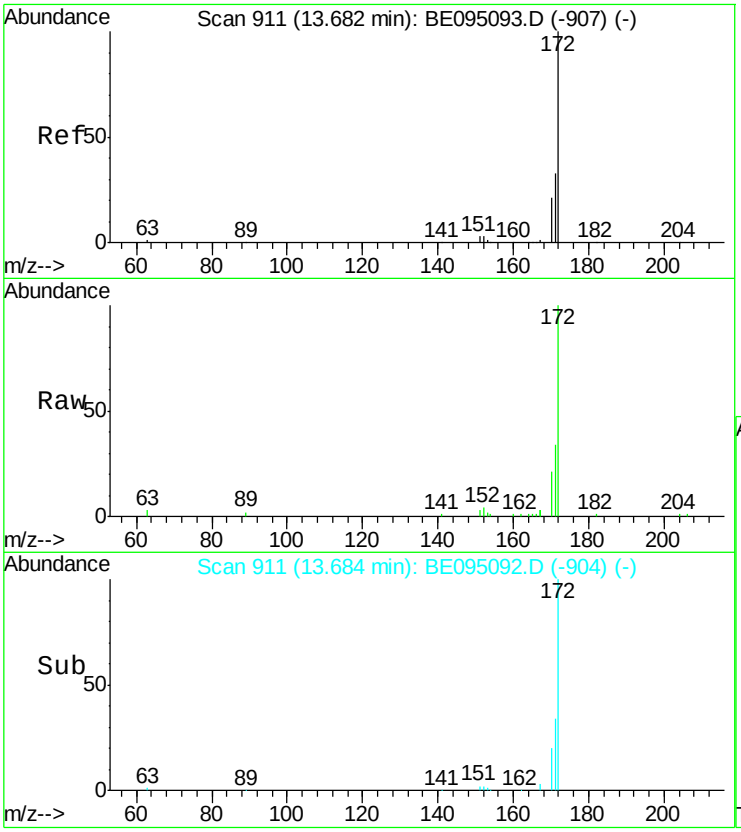


#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:330 Resp: 275

Ion	Ratio	Lower	Upper
330	100		
332	100.7	152.7	229.1#
141	48.7	33.7	50.5



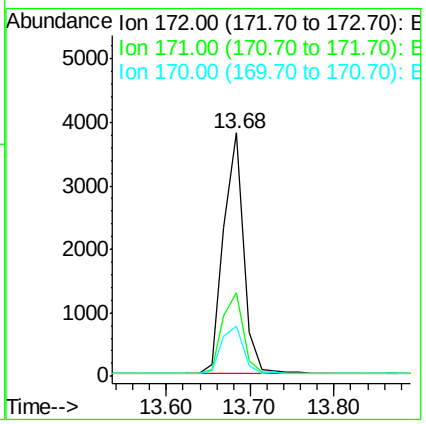


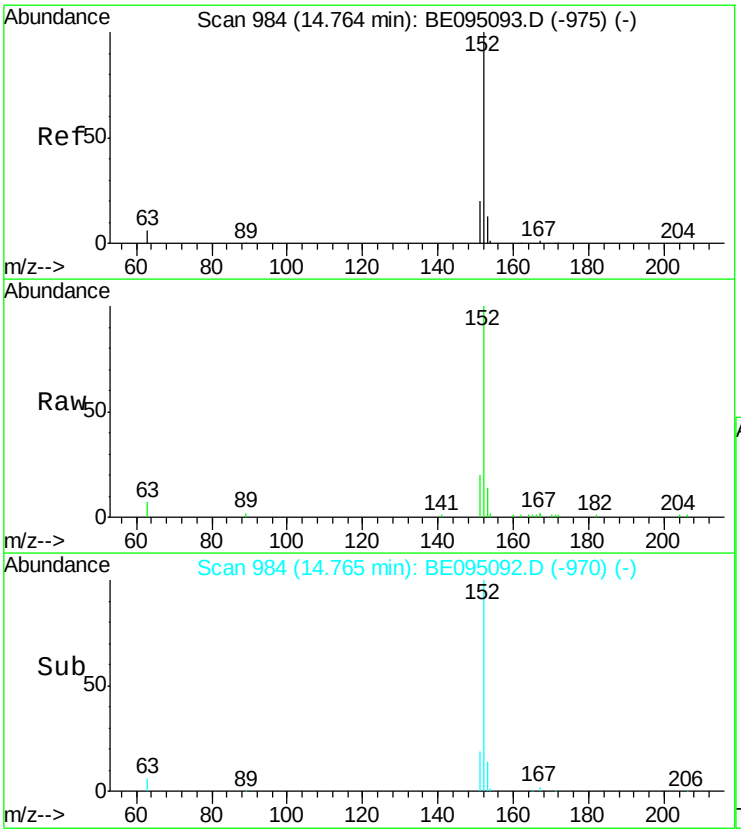
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6251

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	20.6	21.8	32.8#

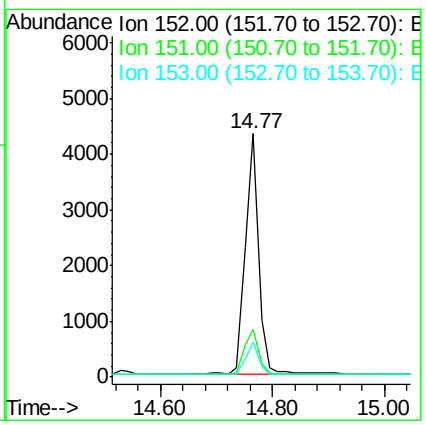


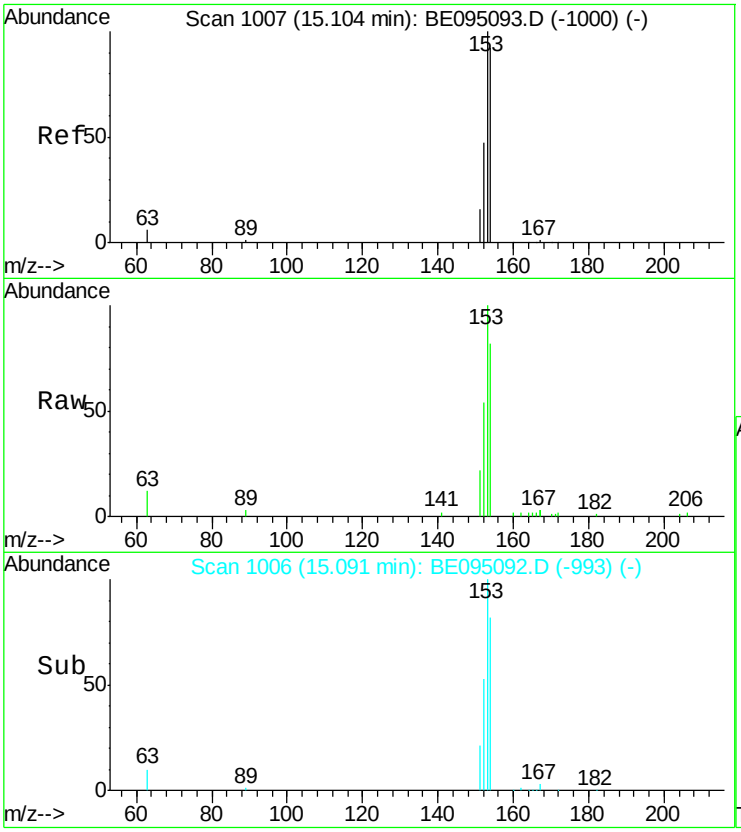


#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.77 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:152 Resp: 7192

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.4	10.5	15.7



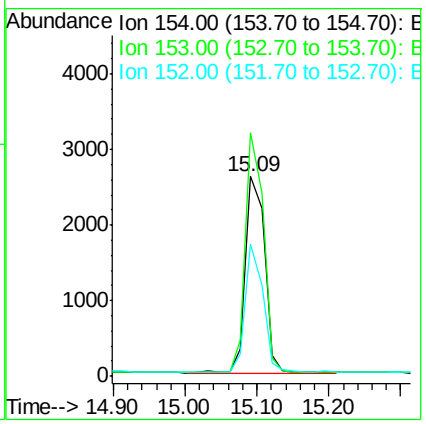


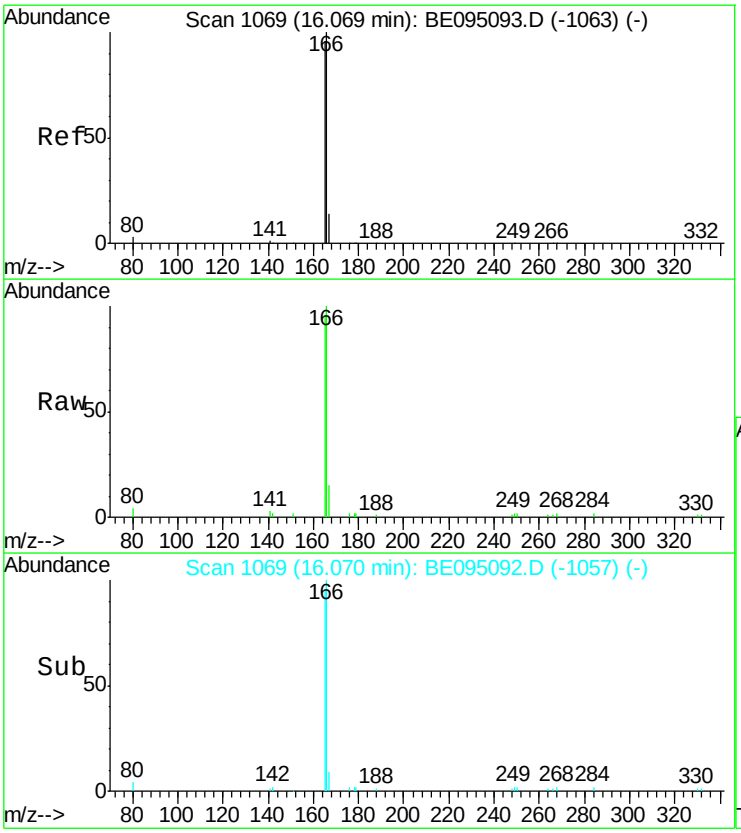
#17
Acenaphthene
Concen: 0.193 ng
RT: 15.09 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4814

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.2	133.8
152	60.9	42.0	63.0

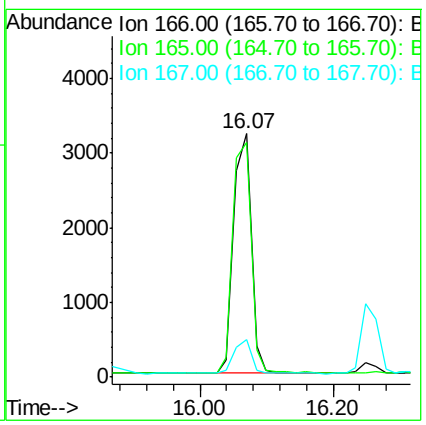


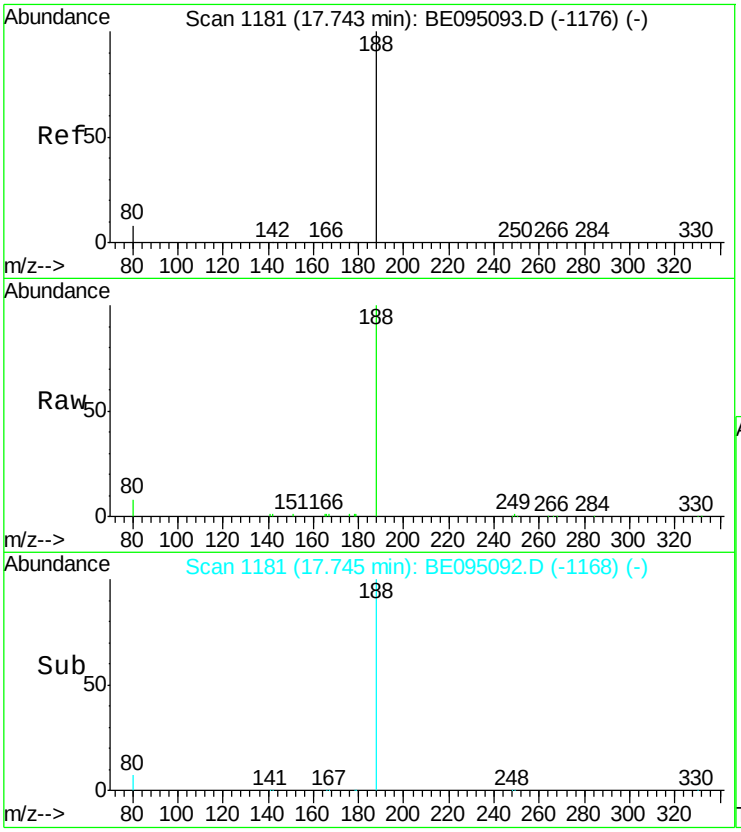


#18
Fluorene
Concen: 0.189 ng
RT: 16.07 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:166 Resp: 5862

Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.8	116.6
167	14.3	42.4	63.6#



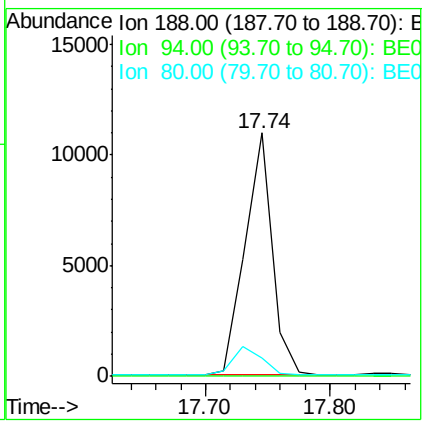


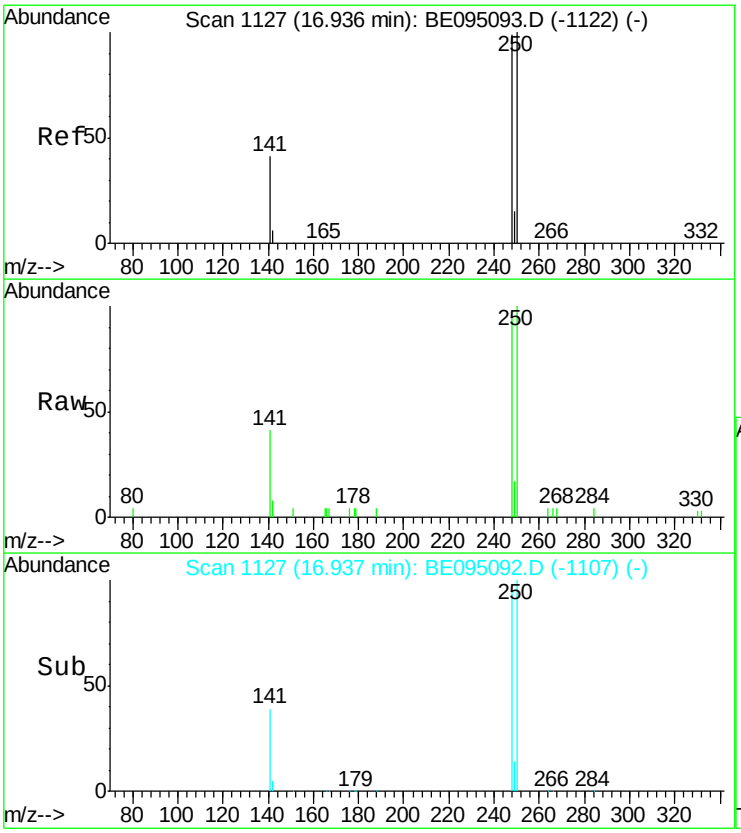
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 16563

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.7	3.6	5.4#

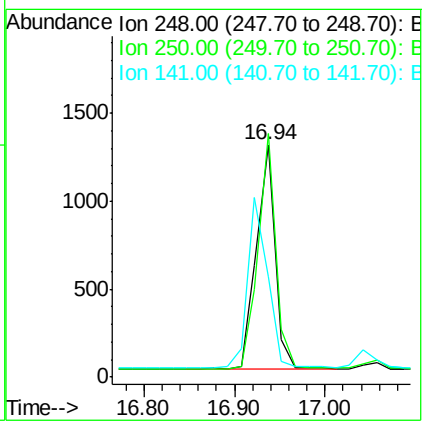


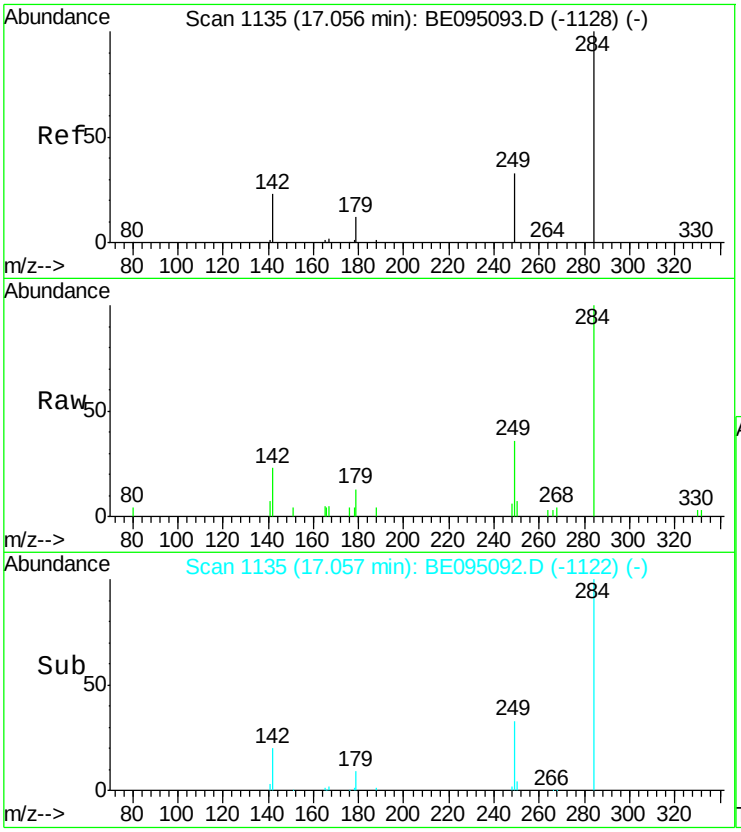


#20
4-Bromophenyl-phenylether
Concen: 0.193 ng
RT: 16.94 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:248 Resp: 1873

Ion	Ratio	Lower	Upper
248	100		
250	104.8	62.7	94.1#
141	43.3	48.2	72.2#



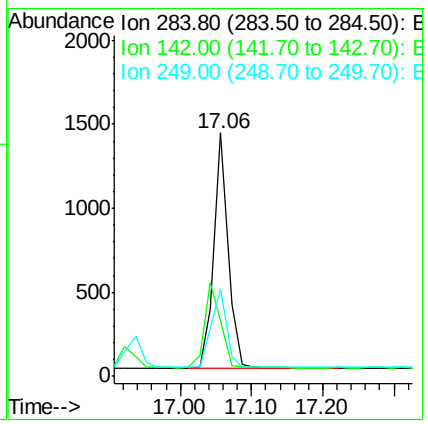


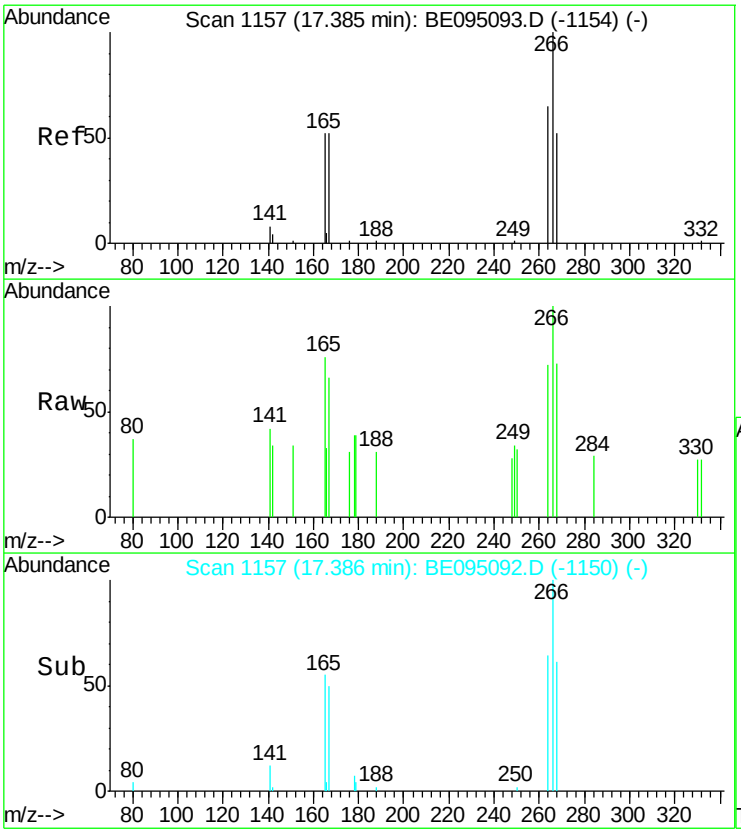
#21
Hexachlorobenzene
Concen: 0.199 ng
RT: 17.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1973

Ion	Ratio	Lower	Upper
284	100		
142	41.4	22.1	33.1#
249	35.3	34.8	52.2

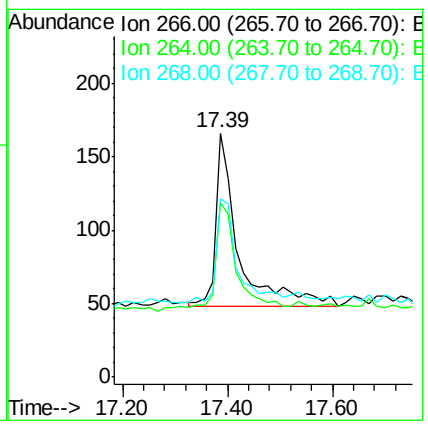


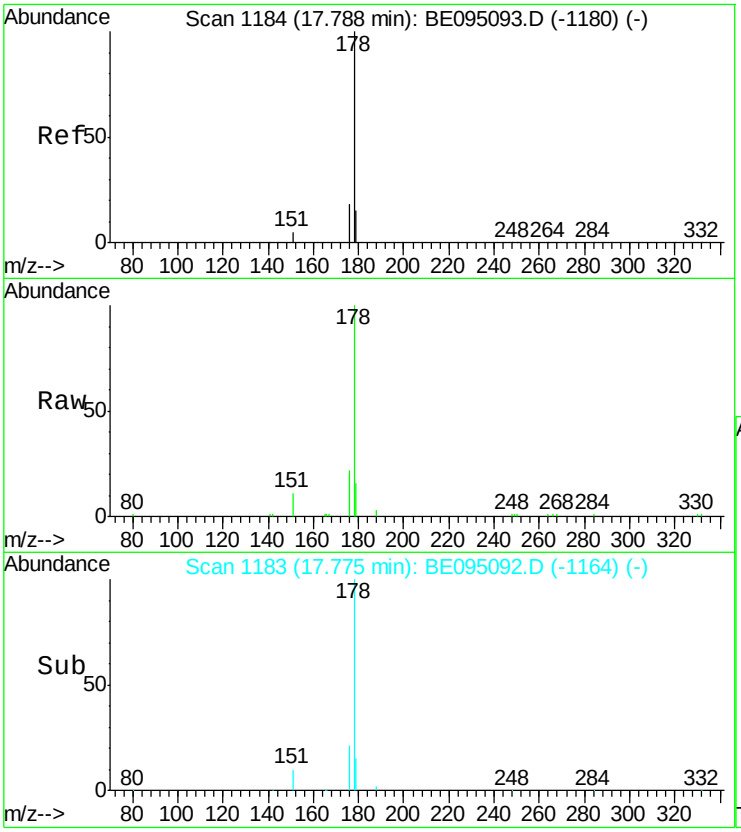


#22
Pentachlorophenol
Concen: 0.189 ng
RT: 17.39 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:266 Resp: 358

Ion	Ratio	Lower	Upper
266	100		
264	71.7	72.5	108.7#
268	72.9	73.8	110.6#



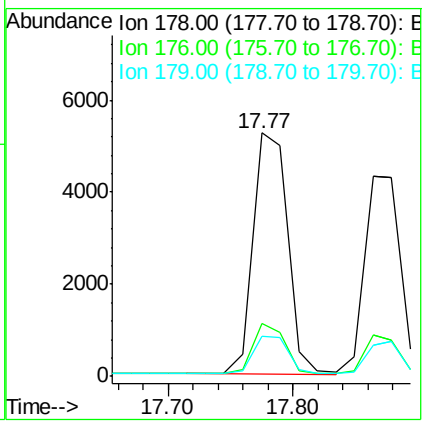


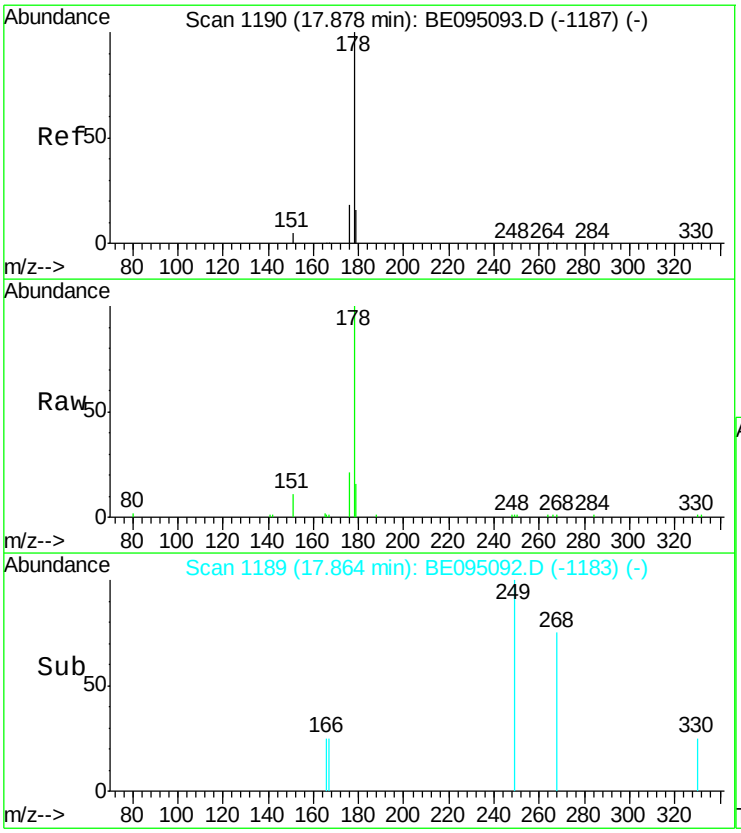
#23
Phenanthrene
Concen: 0.196 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 10123

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.6	11.8	17.6

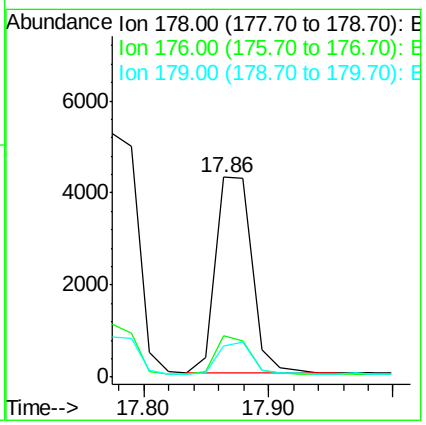


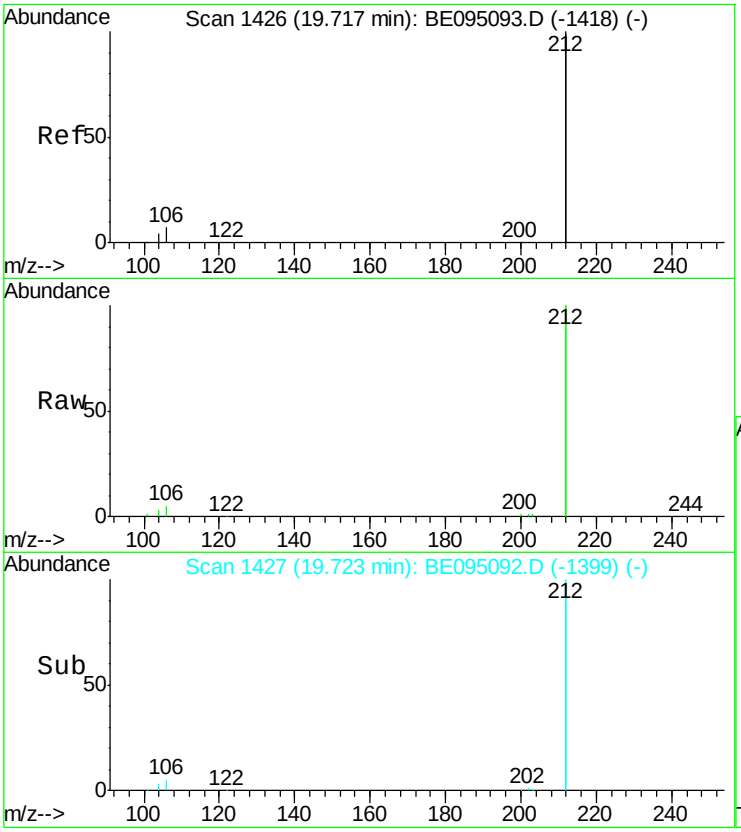


#24
Anthracene
Concen: 0.161 ng
RT: 17.86 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:178 Resp: 8532

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.1	13.0	19.6



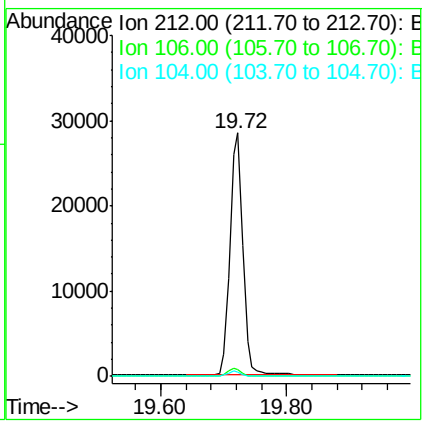


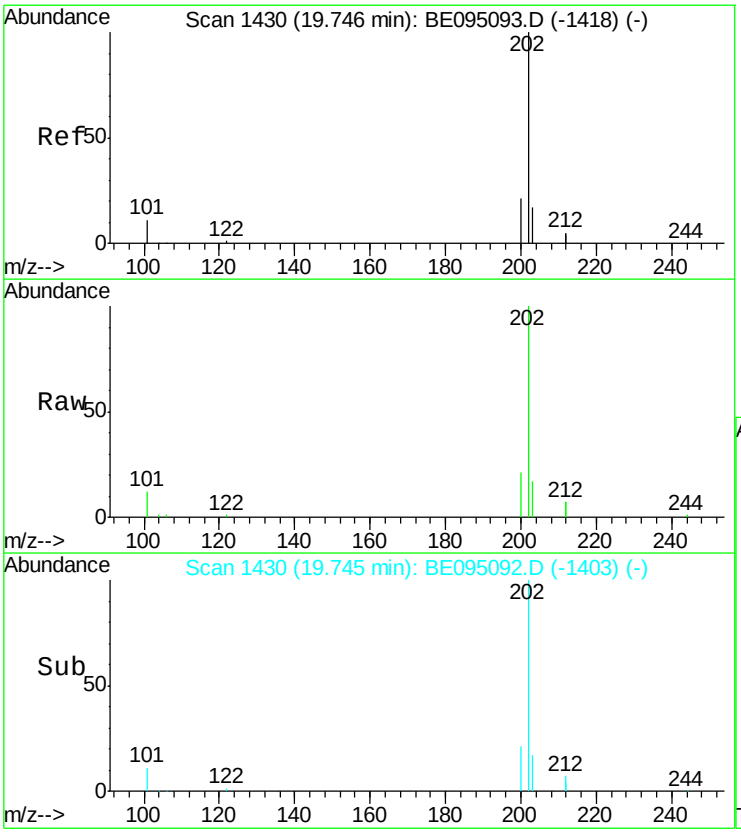
#25
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 40101

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

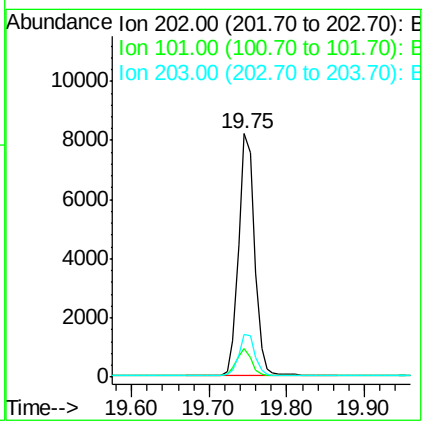


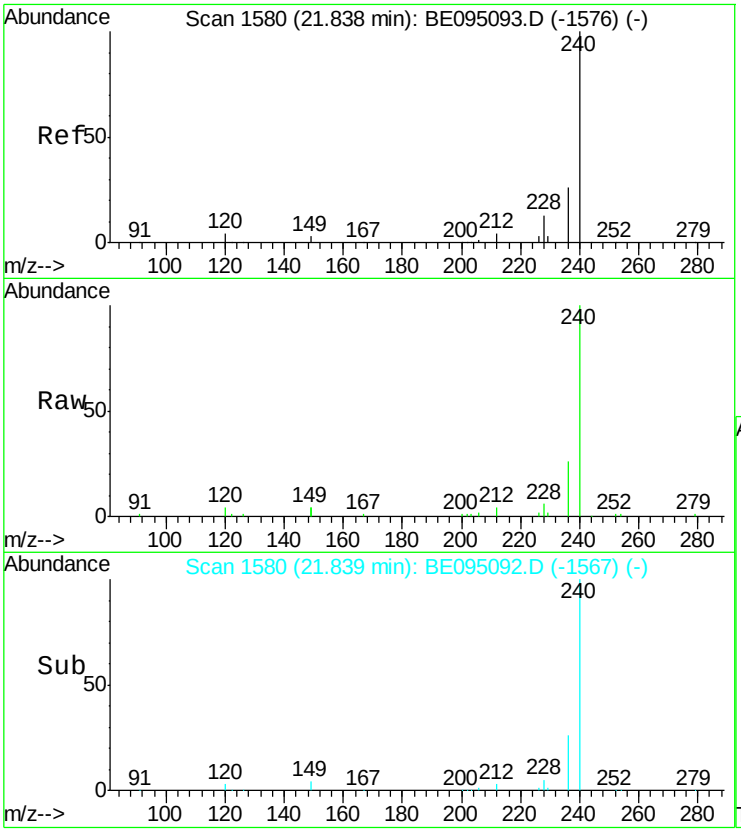


#26
Fluoranthene
Concen: 0.184 ng
RT: 19.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:202 Resp: 11750

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
203	17.3	13.7	20.5



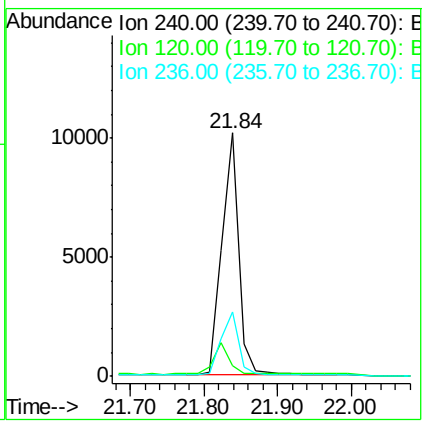


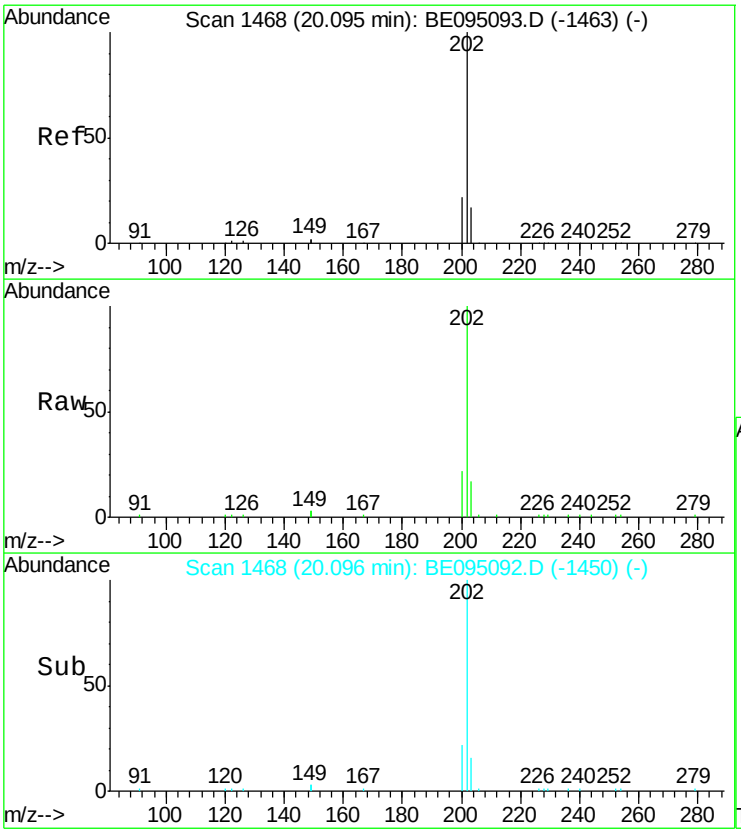
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 16263

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.5	8.3#
236	26.4	20.7	31.1

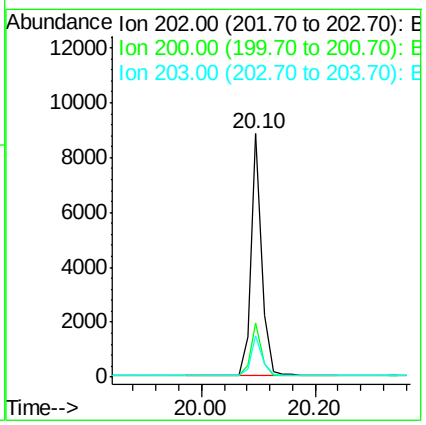


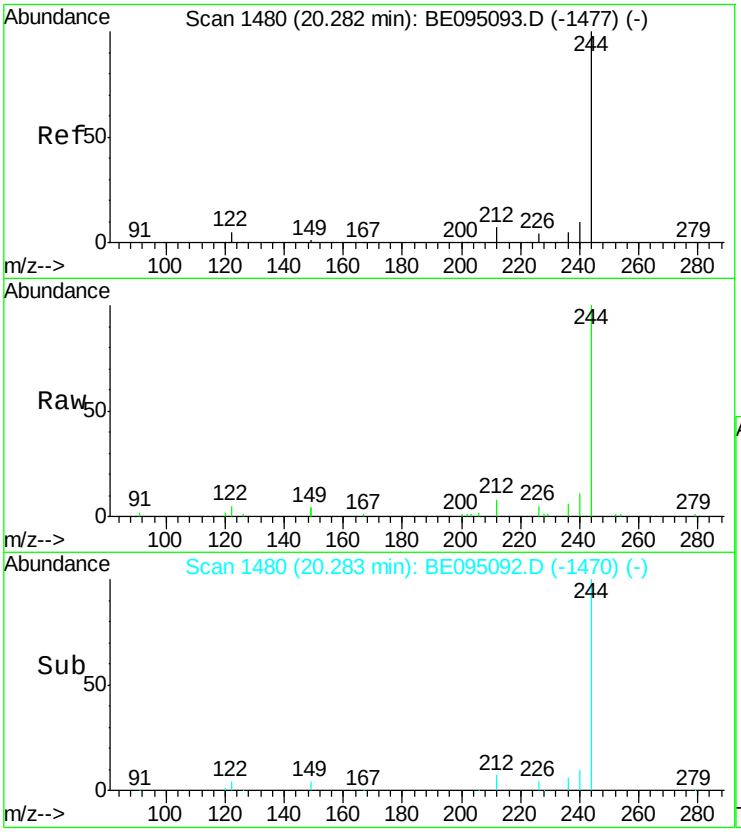


#28
Pyrene
Concen: 0.229 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:202 Resp: 12603

Ion	Ratio	Lower	Upper
202	100		
200	24.9	16.6	25.0
203	18.9	13.8	20.8



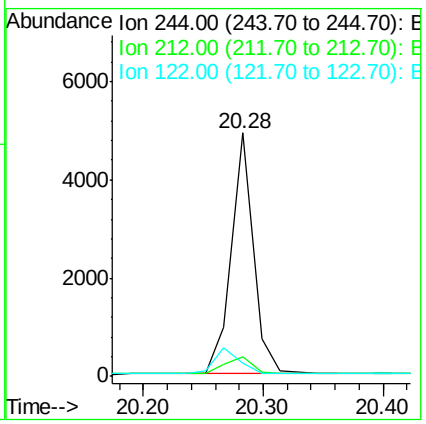


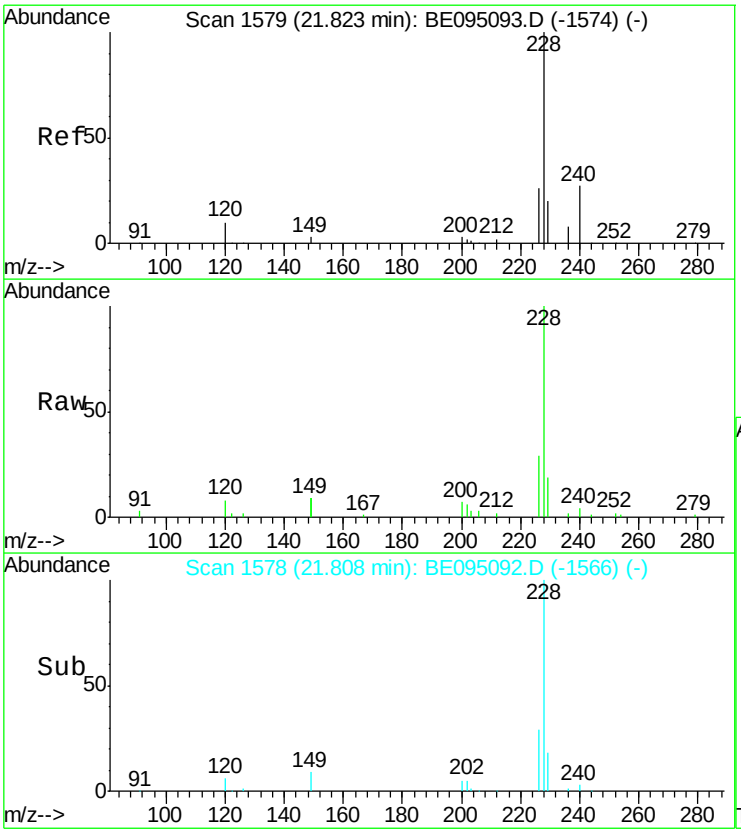
#29
Terphenyl-d14
Concen: 0.205 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6263

Ion	Ratio	Lower	Upper
244	100		
212	7.8	25.4	38.0#
122	5.4	8.1	12.1#

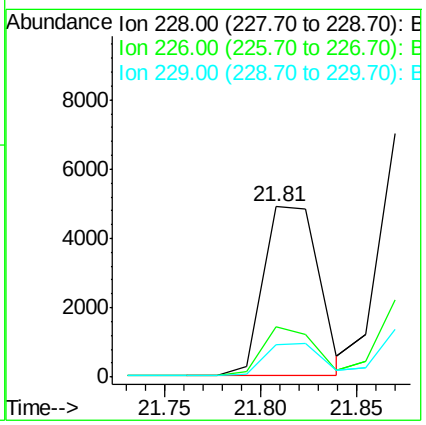


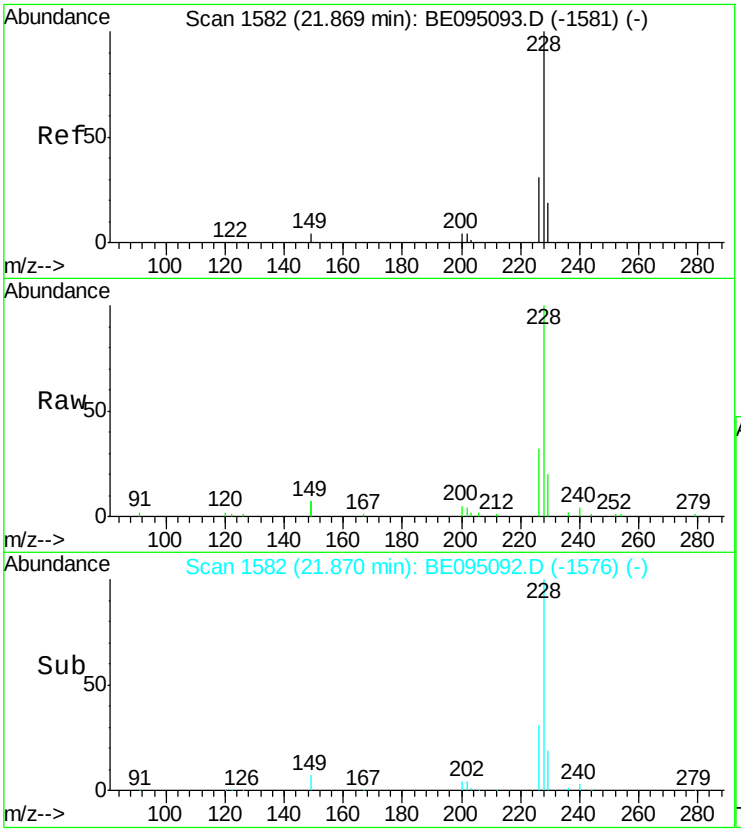


#30
Benzo(a)anthracene
Concen: 0.205 ng
RT: 21.81 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:228 Resp: 9759

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.0	16.0	24.0



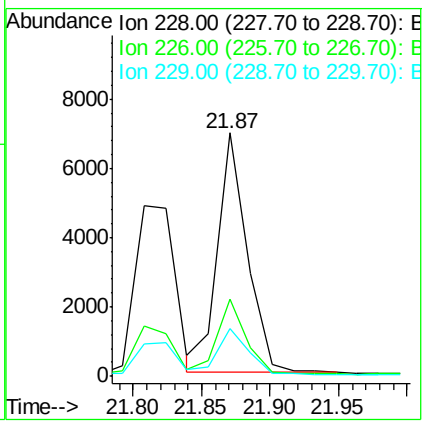


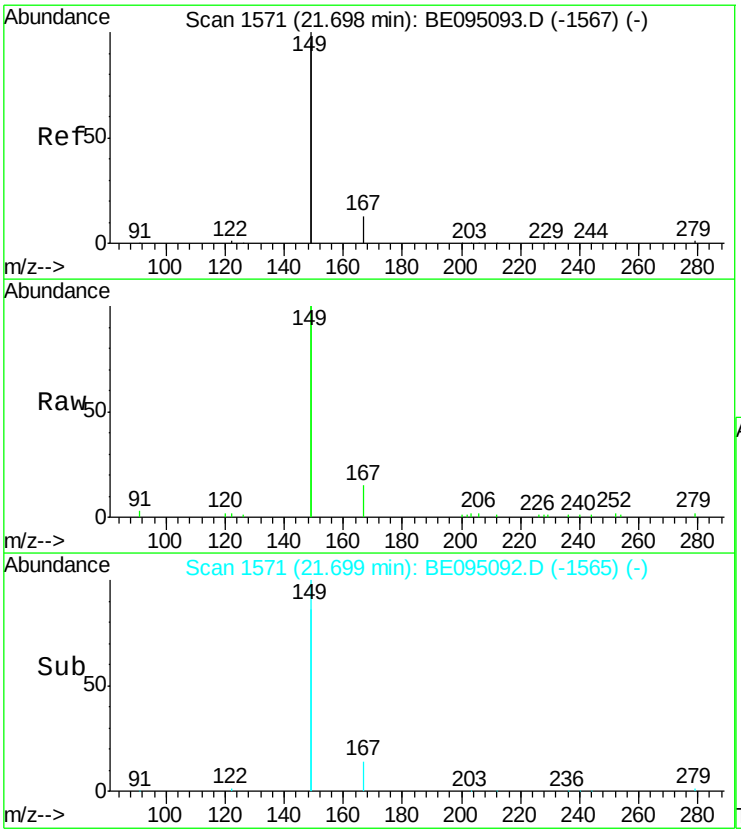
#31
Chrysene
Concen: 0.194 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 10403

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	19.8	16.0	24.0

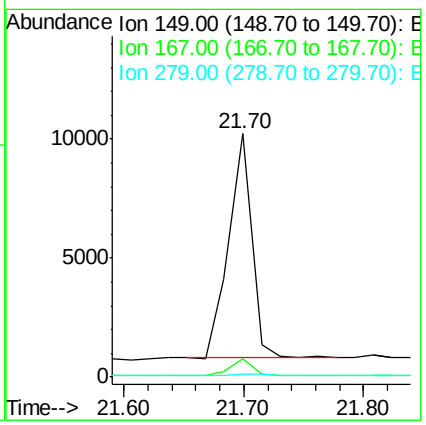


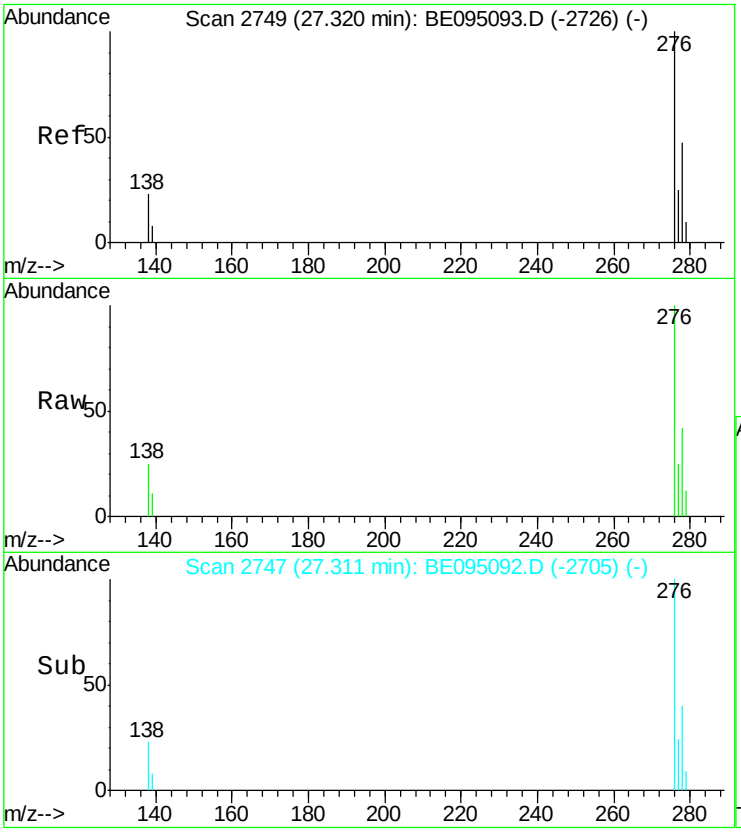


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.70 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:149 Resp: 12501

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.0	0.7	1.1



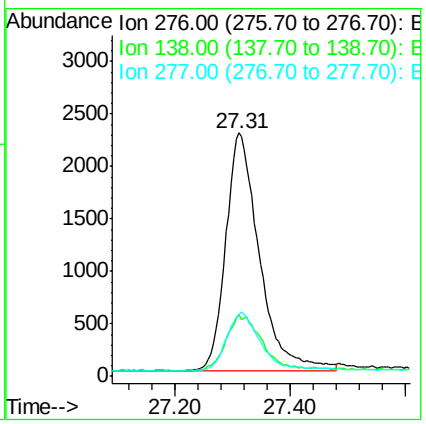


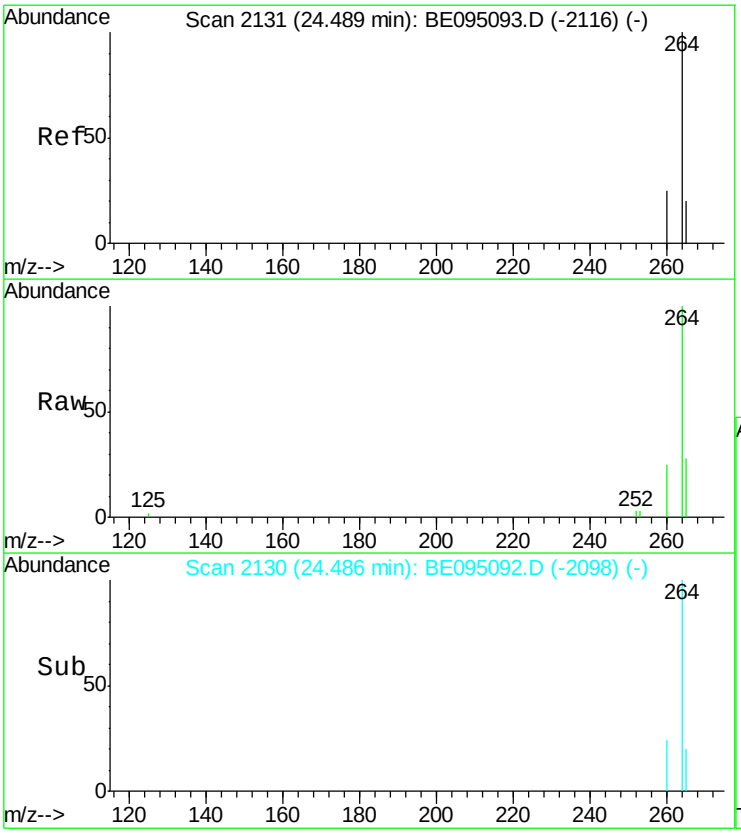
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng
RT: 27.31 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 9274

Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.5	33.7
277	25.1	19.9	29.9

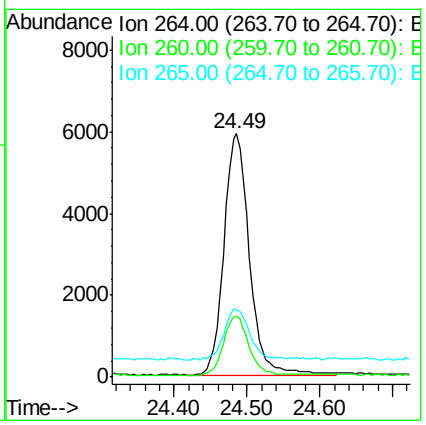


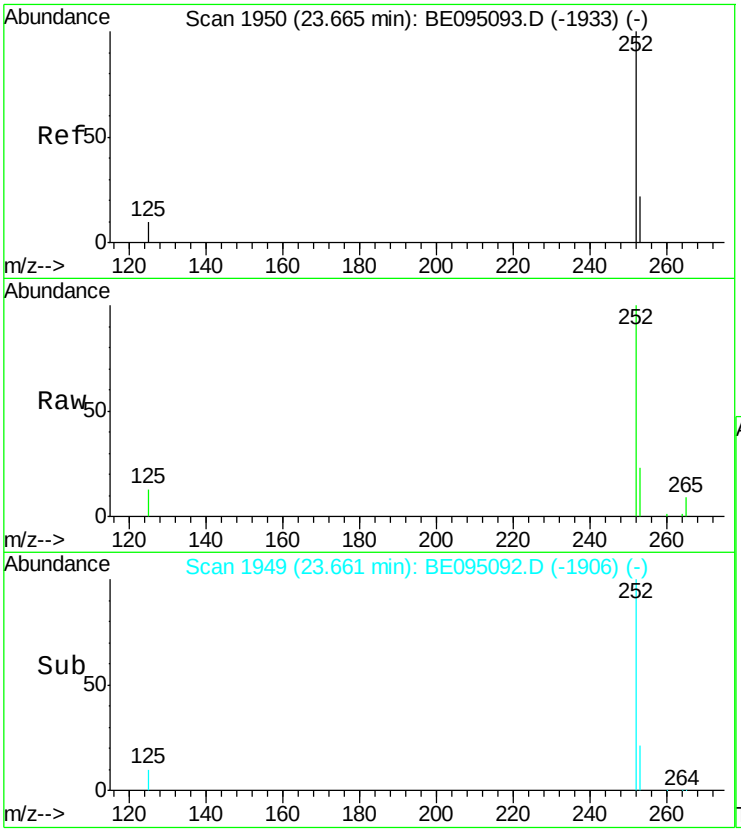


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:264 Resp: 14342

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	27.5	22.8	34.2



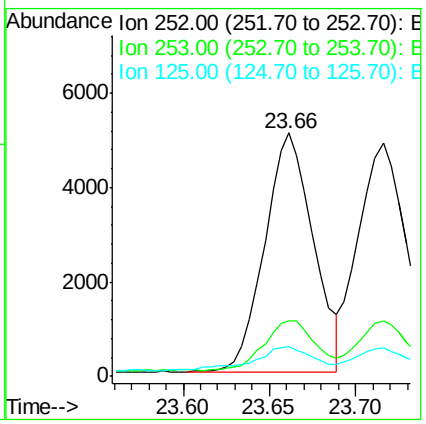


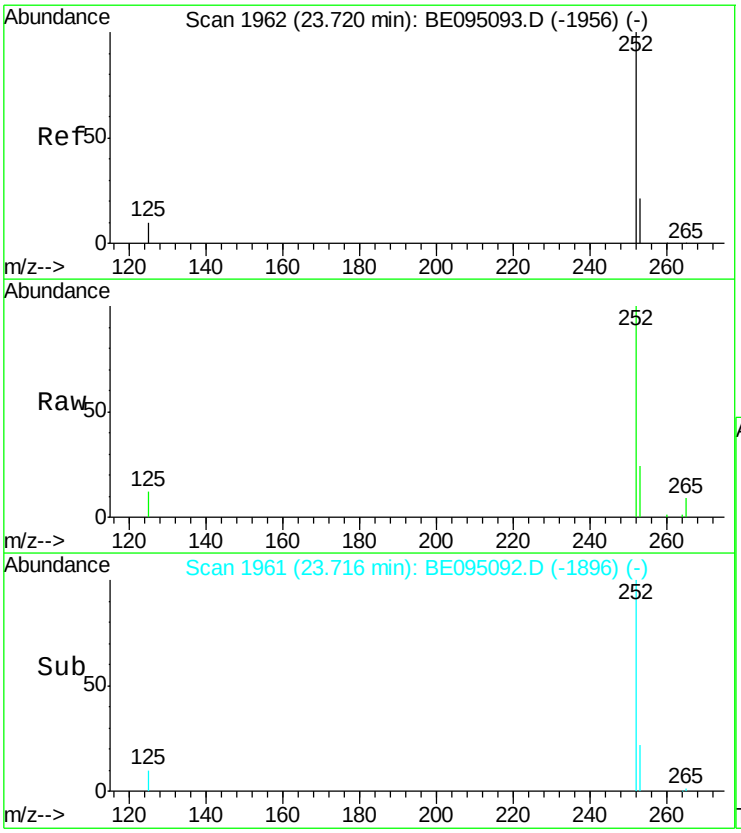
#35
Benzo(b)fluoranthene
Concen: 0.188 ng
RT: 23.66 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9905

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.0	30.0
125	12.5	16.0	24.0#

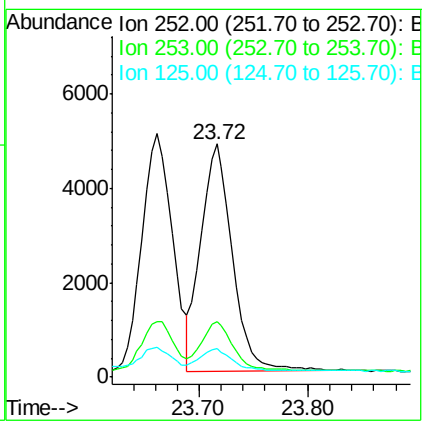


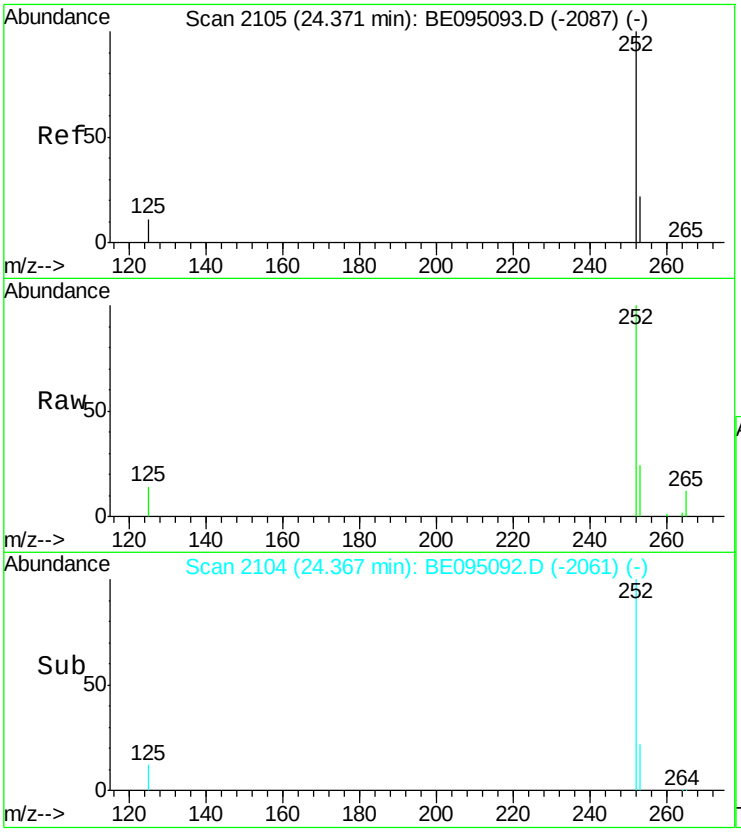


#36
Benzo(k)fluoranthene
Concen: 0.182 ng
RT: 23.72 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:252 Resp: 9708

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0
125	12.5	8.0	12.0#



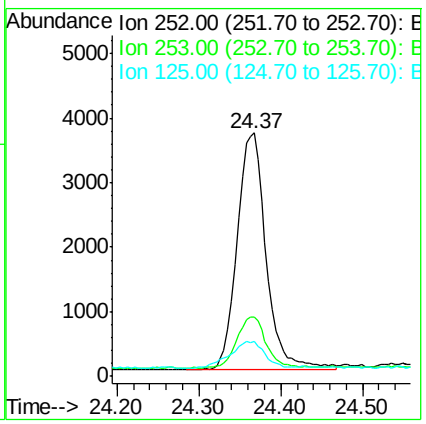


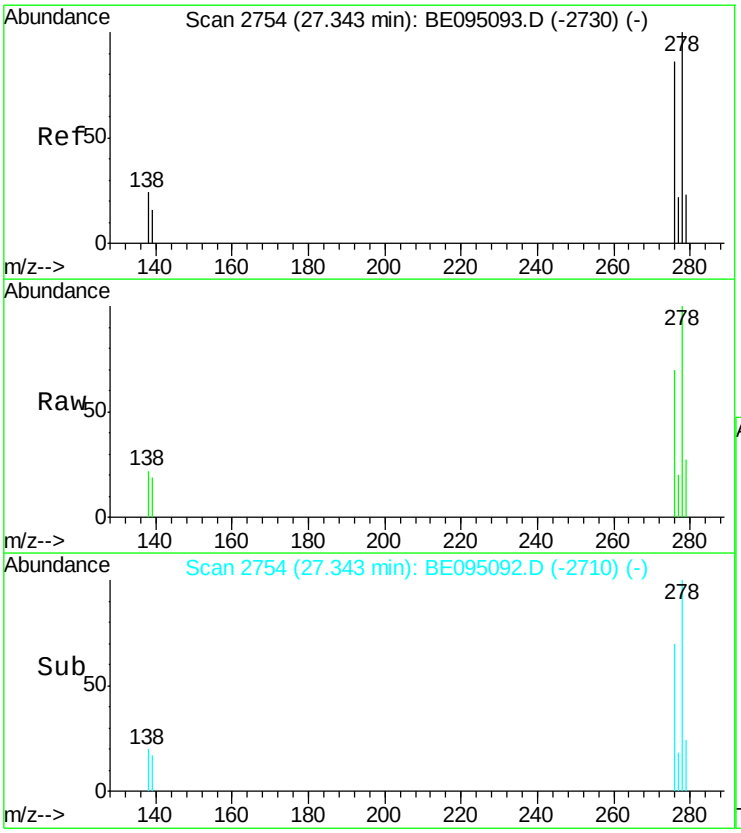
#37
Benzo(a)pyrene
Concen: 0.193 ng
RT: 24.37 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9014

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	14.5	12.0	18.0

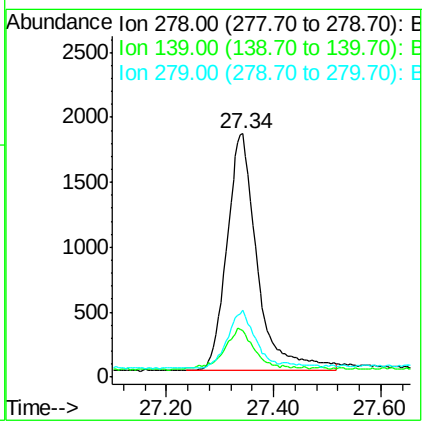


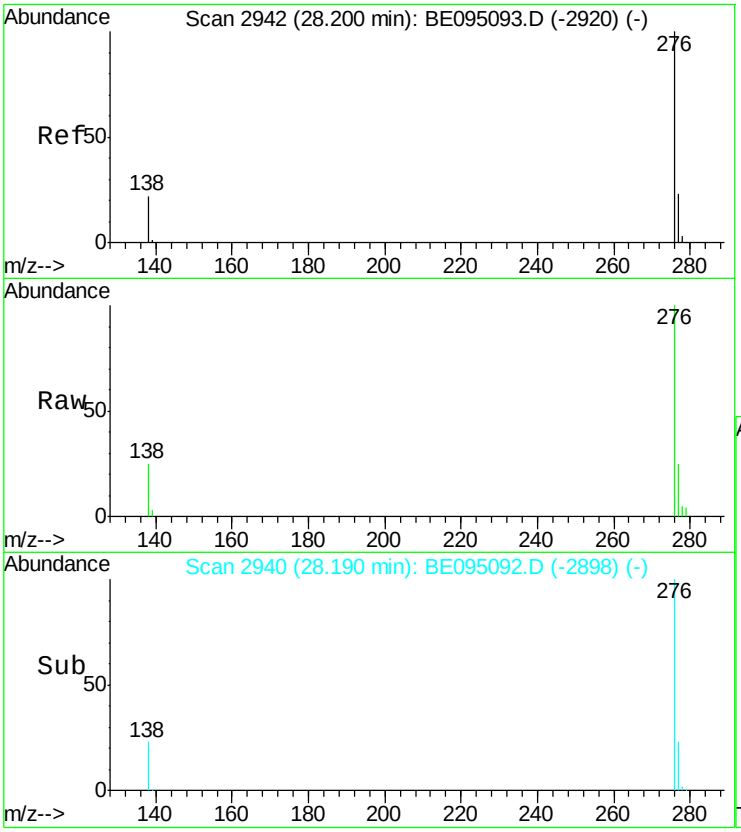


#38
Dibenzo(a,h)anthracene
Concen: 0.166 ng
RT: 27.34 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Tgt Ion:278 Resp: 7184

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.0	24.0
279	27.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.191 ng
RT: 28.19 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BE095092.D
Acq: 23 Jan 2018 11:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 8241

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	24.9	20.0	30.0