Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
Data File : BE095693.D
Acq On : 26 Feb 2018 17:43
Operator : SJ/JU
Sample : PB106832BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 26 18:20:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1503	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	5400	0.40	ng		-0.02
13) Acenaphthene-d10	15.00	164	2676	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6300	0.40	ng		0.01
27) Chrysene-d12	21.79	240	6869	0.40	ng		0.00
34) Perylene-d12	24.43	264	6443	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1014	0.26	ng		0.00
5) Phenol-d6	7.55	99	1307	0.24	ng		0.00
8) Nitrobenzene-d5	9.53	82	146	0.03	ng		-0.08
11) 2-Methylnaphthalene-d10	12.80	152	2011	0.22	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	181	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	2815	0.24	ng		0.00
25) Fluoranthene-d10	19.69	212	19813	0.24	ng		0.00
29) Terphenyl-d14	20.25	244	3041	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	510	0.216	ng	#	1
3) n-Nitrosodimethylamine	3.99	42	690	0.235	ng	#	86
6) bis(2-Chloroethyl)ether	7.83	93	1295	0.230	ng		91
9) Naphthalene	11.31	128	14348	0.230	ng		99
10) Hexachlorobutadiene	11.57	225	922	0.254	ng		92
12) 2-Methylnaphthalene	12.88	142	2360	0.220	ng		99
16) Acenaphthylene	14.74	152	3243	0.216	ng		99
17) Acenaphthene	15.06	154	2051	0.217	ng		96
18) Fluorene	16.02	166	2565	0.219	ng	#	80
20) 4-Bromophenyl-phenylether	16.89	248	832	0.210	ng	#	65
21) Hexachlorobenzene	17.03	284	872	0.213	ng	#	83
22) Pentachlorophenol	17.36	266	372	0.426	ng	#	75
23) Phenanthrene	17.74	178	4375	0.222	ng		98
24) Anthracene	17.83	178	4080	0.226	ng		96
26) Fluoranthene	19.72	202	5554	0.229	ng	#	97
28) Pyrene	20.06	202	6598	0.235	ng		97
30) Benzo(a)anthracene	21.78	228	5208	0.232	ng		98
31) Chrysene	21.84	228	5315	0.238	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	8845	0.223	ng		99
33) Indeno(1,2,3-cd)pyrene	27.23	276	5200	0.241	ng	#	93
35) Benzo(b)fluoranthene	23.61	252	5120	0.223	ng	#	92
36) Benzo(k)fluoranthene	23.66	252	5094	0.223	ng	#	93
37) Benzo(a)pyrene	24.30	252	4784	0.231	ng	#	92
38) Dibenzo(a,h)anthracene	27.25	278	4218	0.229	ng		97
39) Benzo(g,h,i)perylene	28.10	276	4557	0.231	ng	#	92

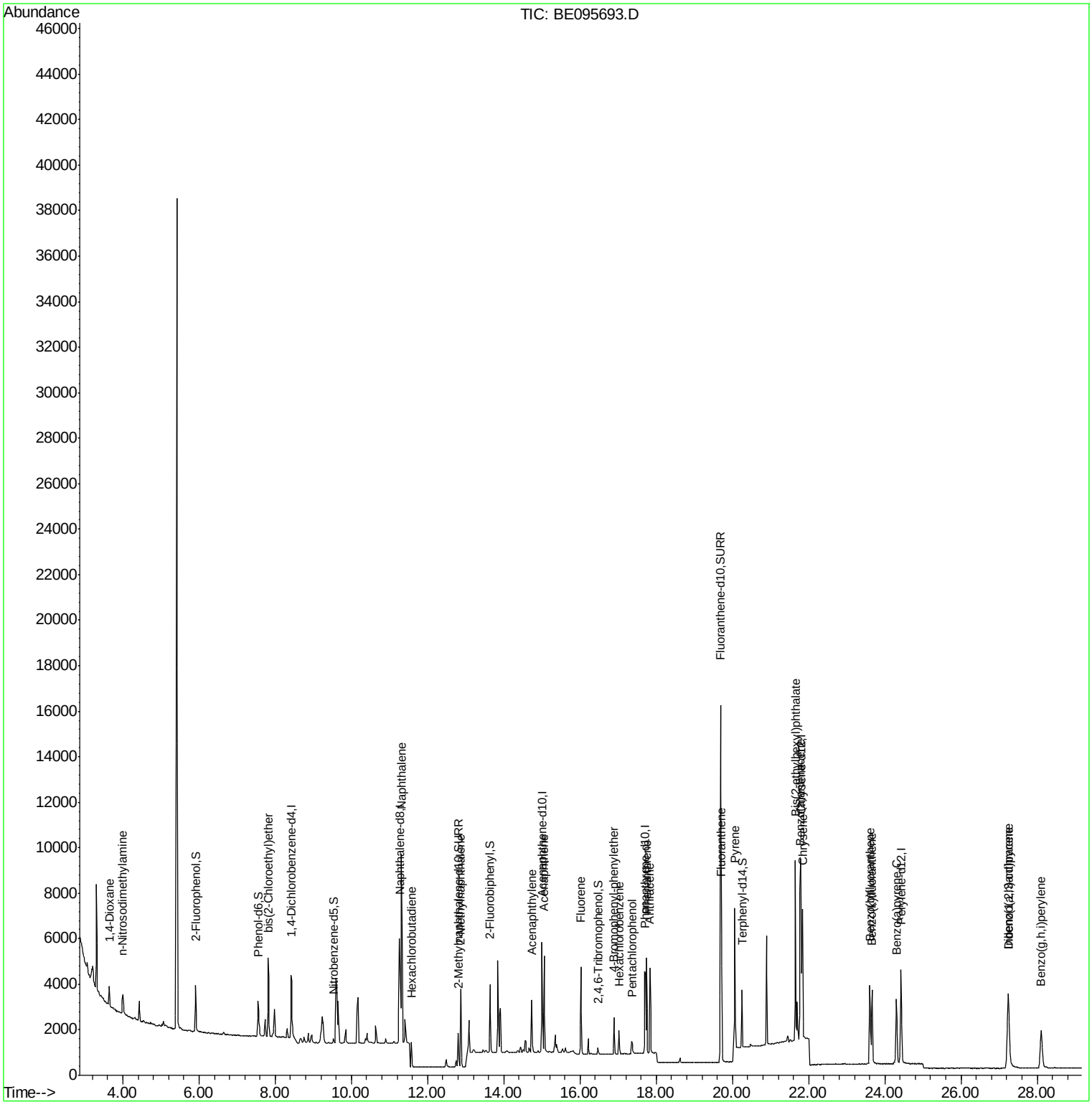
(#) = qualifier out of range (m) = manual integration (+) = signals summed

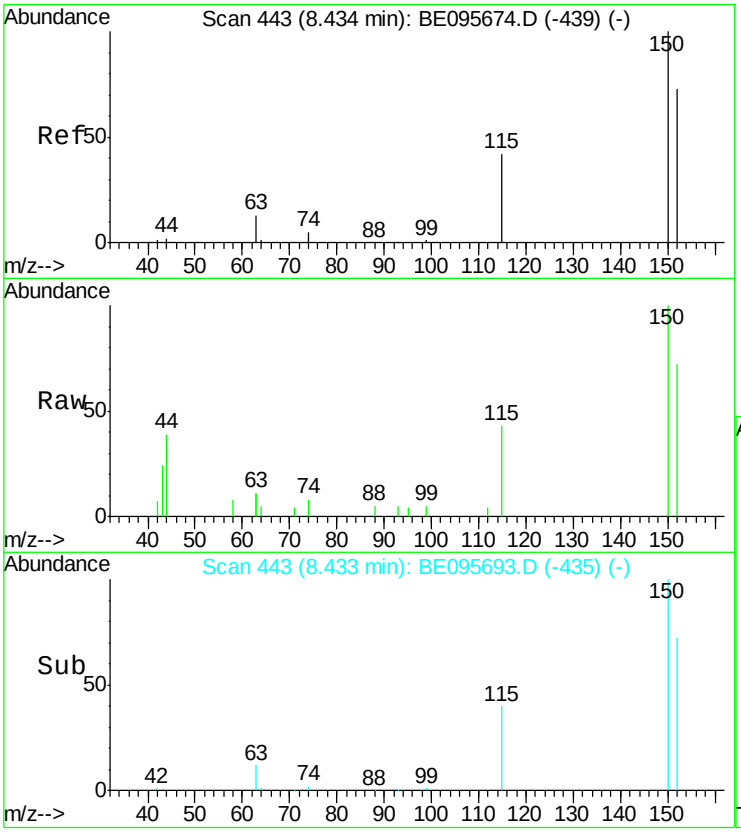
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
Data File : BE095693.D
Acq On : 26 Feb 2018 17:43
Operator : SJ/JU
Sample : PB106832BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 26 18:20:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration



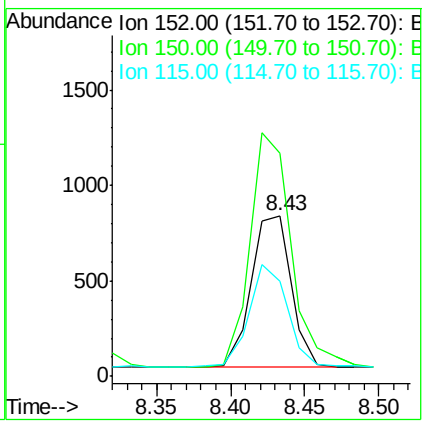


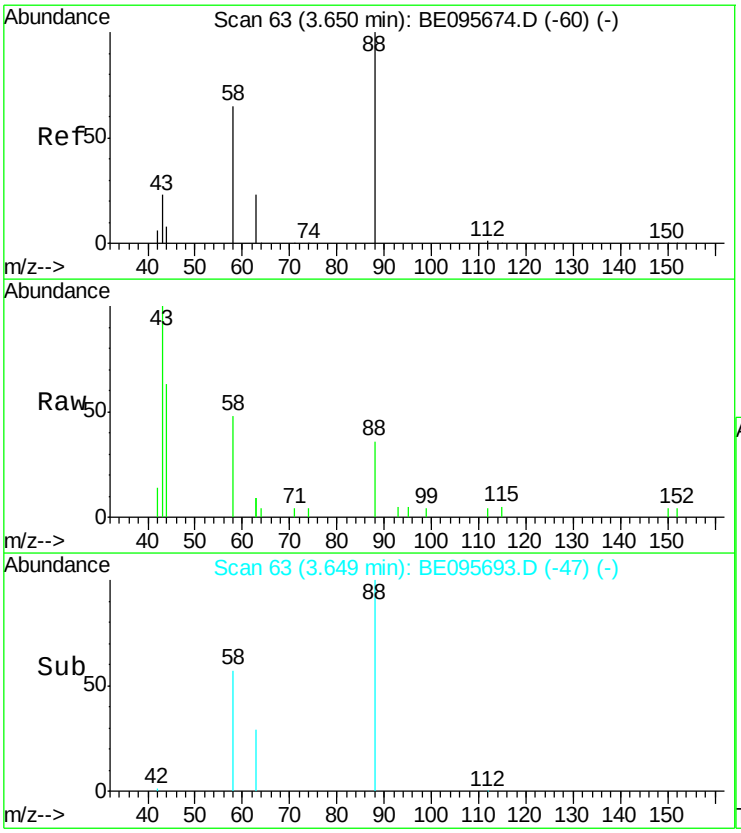
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1503

Ion	Ratio	Lower	Upper
152	100		
150	138.4	117.2	175.8
115	59.2	57.0	85.6

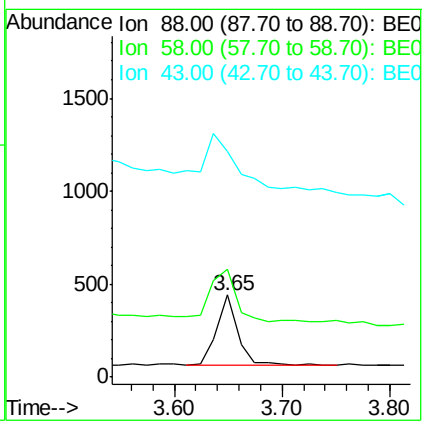


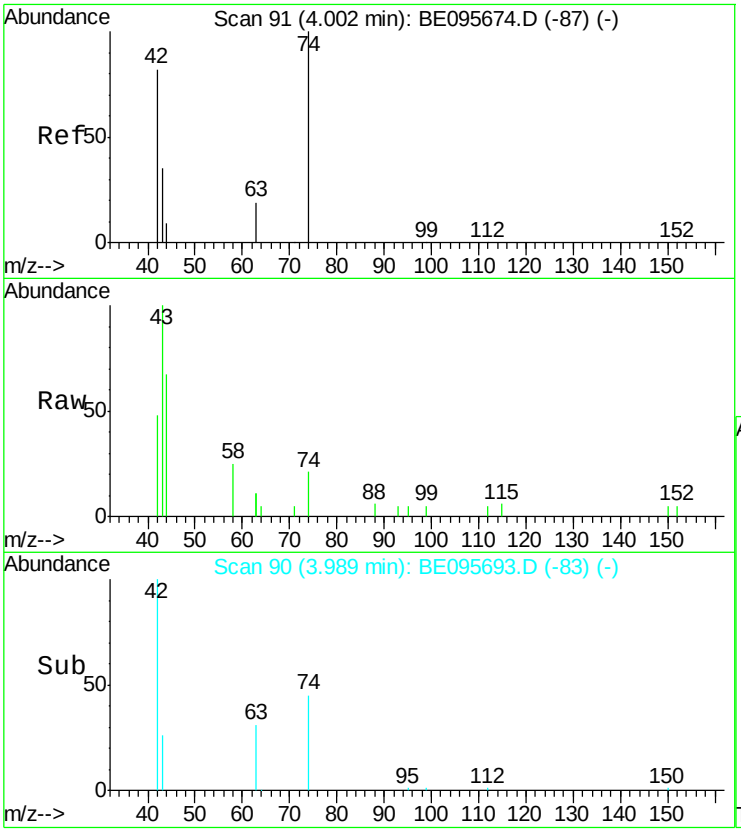


#2
1,4-Dioxane
Concen: 0.216 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion: 88 Resp: 510

Ion	Ratio	Lower	Upper
88	100		
58	132.4	63.2	94.8#
43	198.6	41.2	61.8#



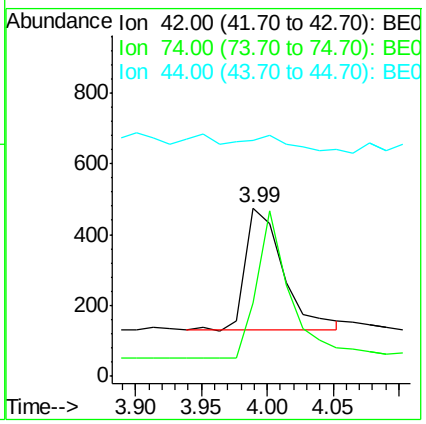


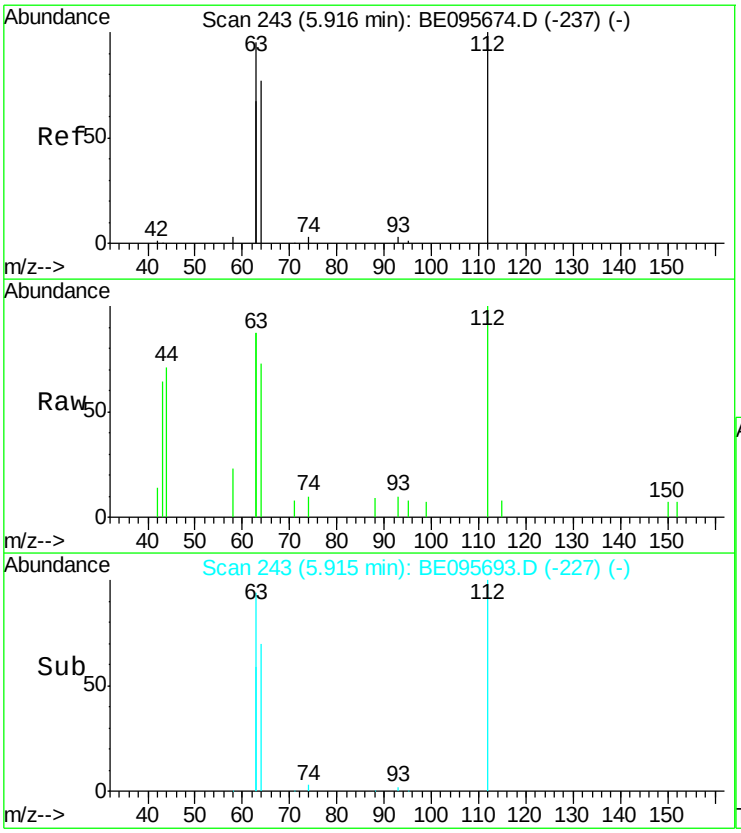
#3
n-Nitrosodimethylamine
Concen: 0.235 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 690

Ion	Ratio	Lower	Upper
42	100		
74	103.3	96.0	144.0
44	11.3	12.0	18.0#

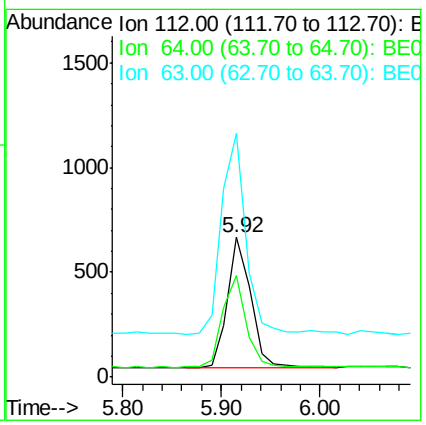


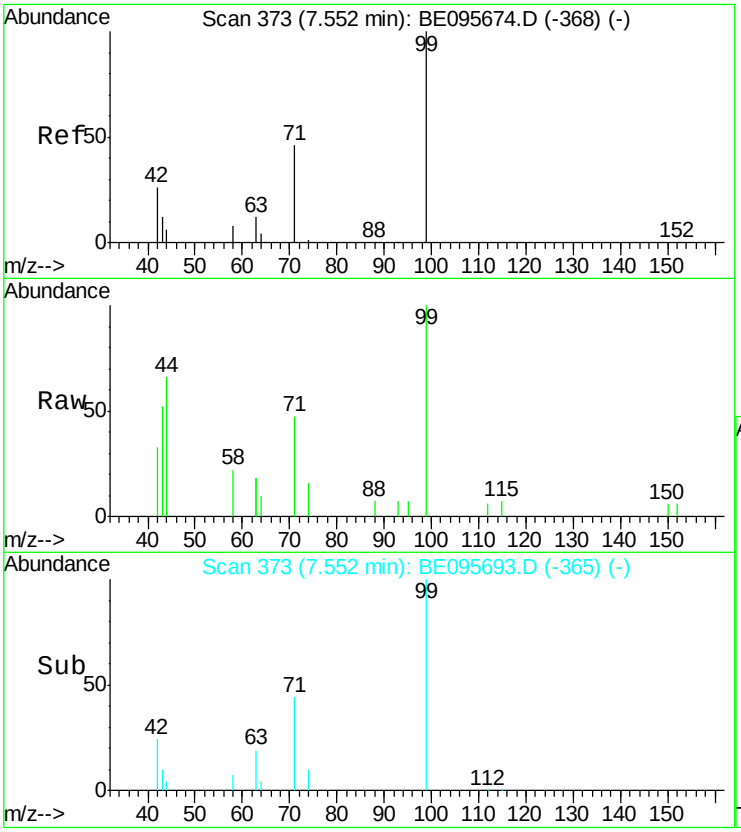


#4
2-Fluorophenol
Concen: 0.256 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:112 Resp: 1014

Ion	Ratio	Lower	Upper
112	100		
64	72.6	60.1	90.1
63	159.3	116.8	175.2



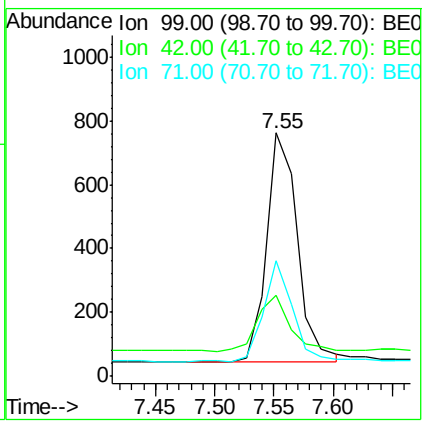


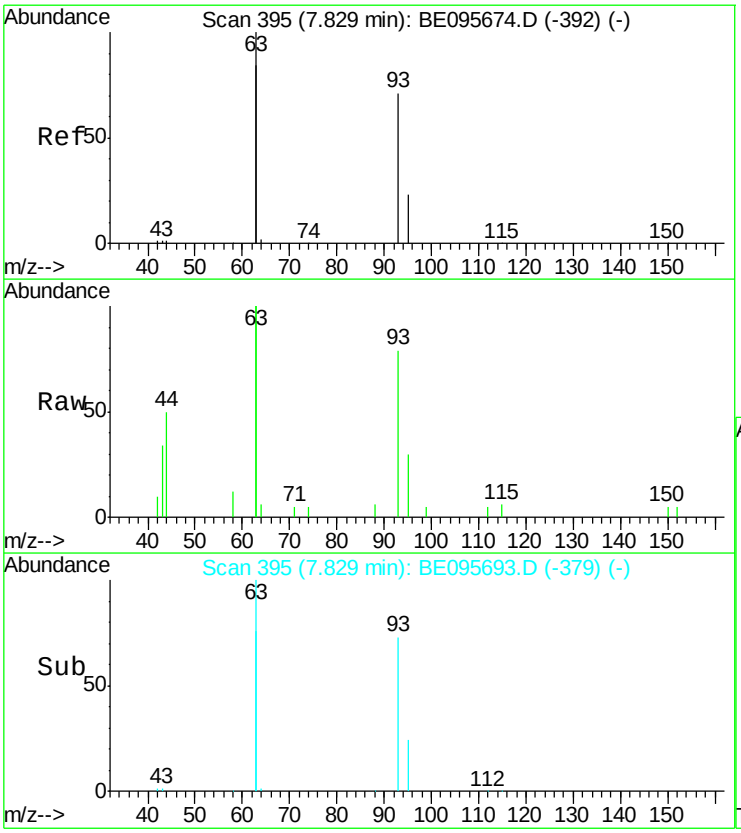
#5
Phenol-d6
Concen: 0.238 ng
RT: 7.55 min Scan# 373
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1307

Ion	Ratio	Lower	Upper
99	100		
42	26.4	20.2	30.2
71	41.6	28.4	42.6

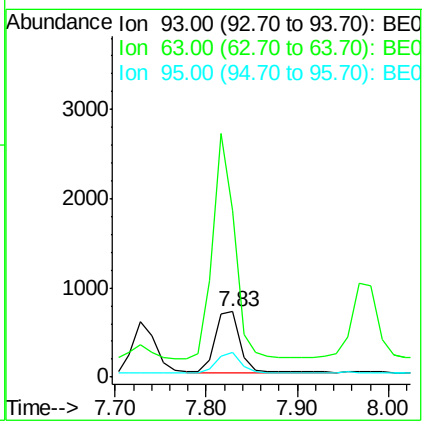


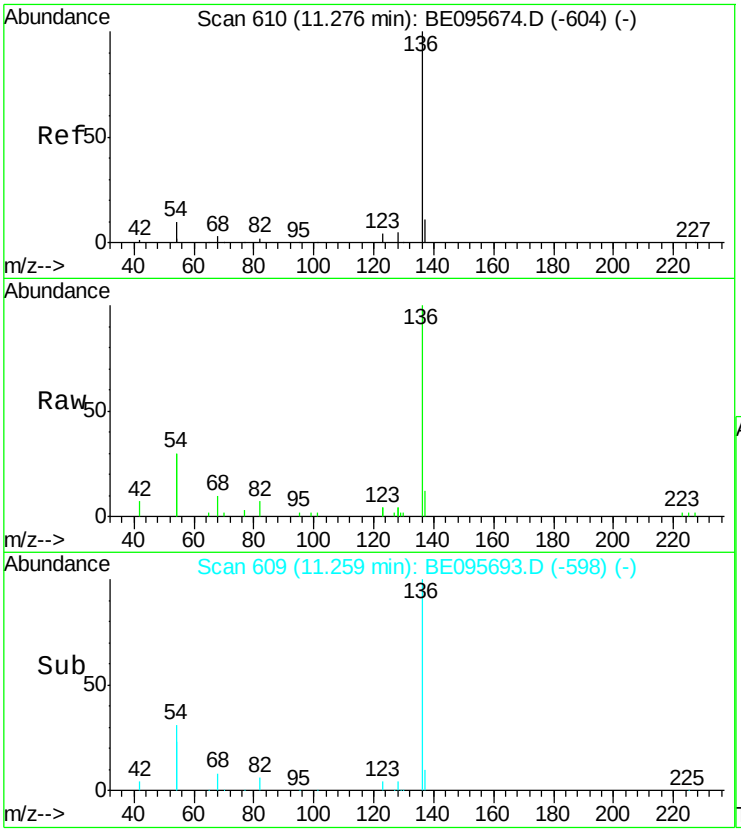


#6
bis(2-Chloroethyl)ether
Concen: 0.230 ng
RT: 7.83 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion: 93 Resp: 1295

Ion	Ratio	Lower	Upper
93	100		
63	323.0	275.3	412.9
95	31.1	25.2	37.8



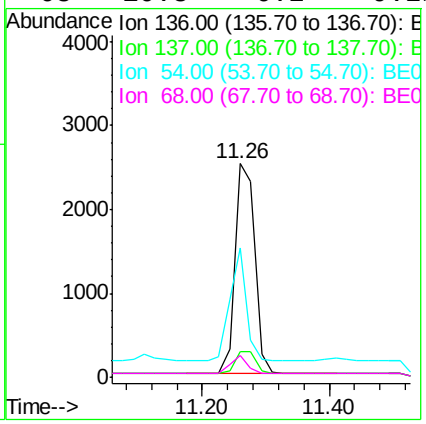


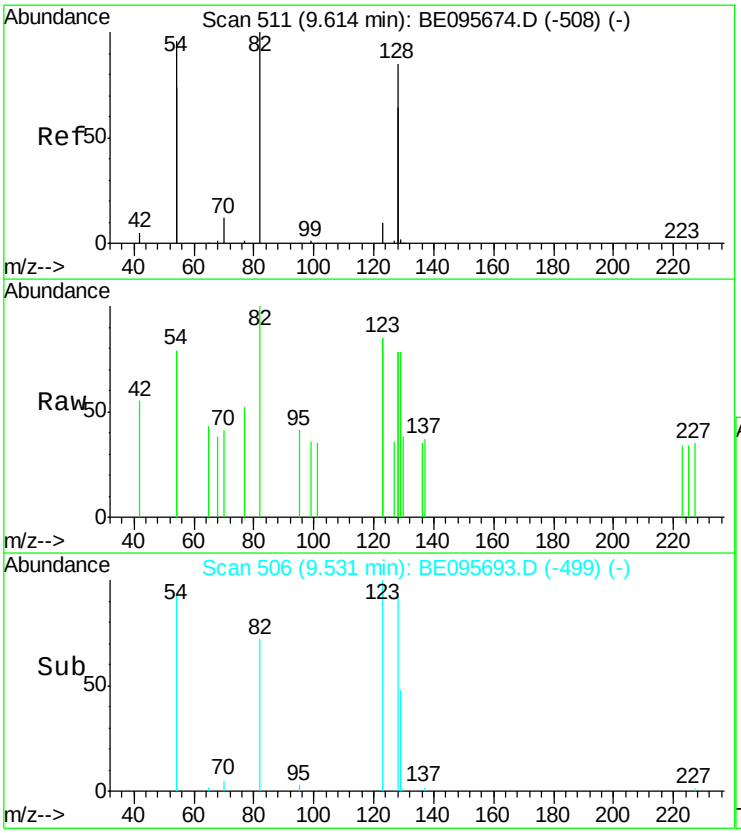
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5400

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	60.3	29.1	43.7#
68	10.3	6.2	9.2#

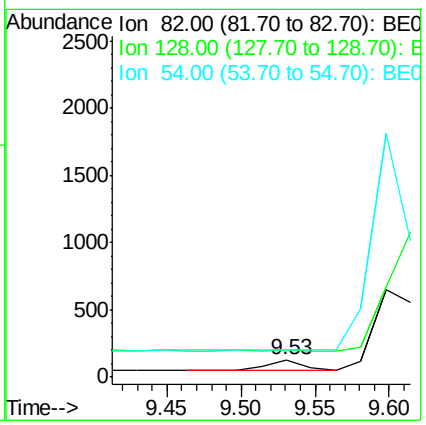


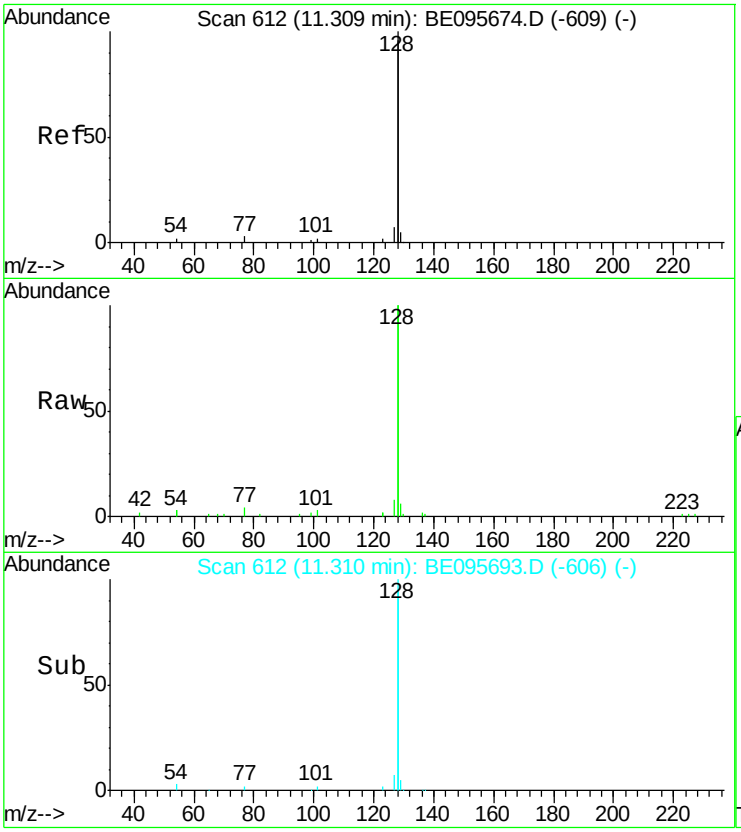


#8
Nitrobenzene-d5
Concen: 0.026 ng
RT: 9.53 min Scan# 506
Delta R.T. -0.08 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion: 82 Resp: 146

Ion	Ratio	Lower	Upper
82	100		
128	156.3	150.0	225.0
54	157.8	154.2	231.4



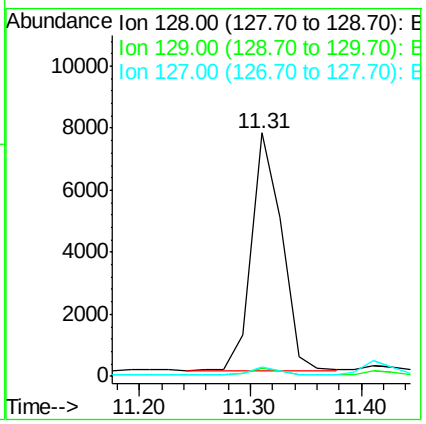


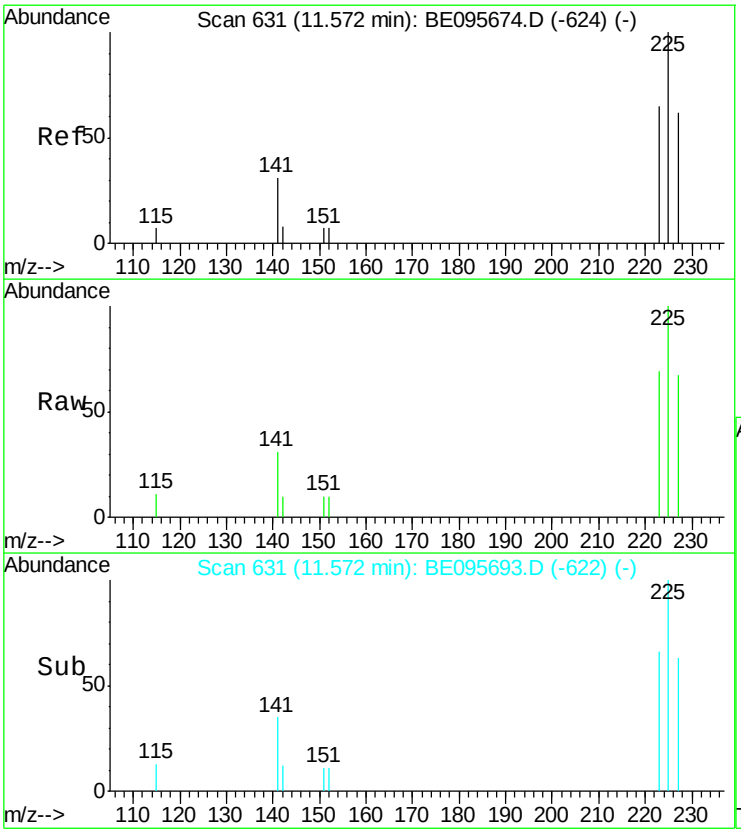
#9
Naphthalene
Concen: 0.230 ng
RT: 11.31 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14348

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	4.0	2.8	4.2

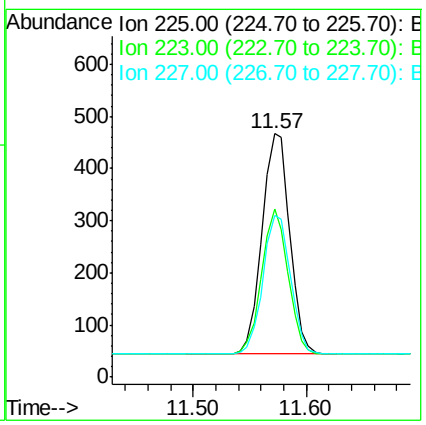


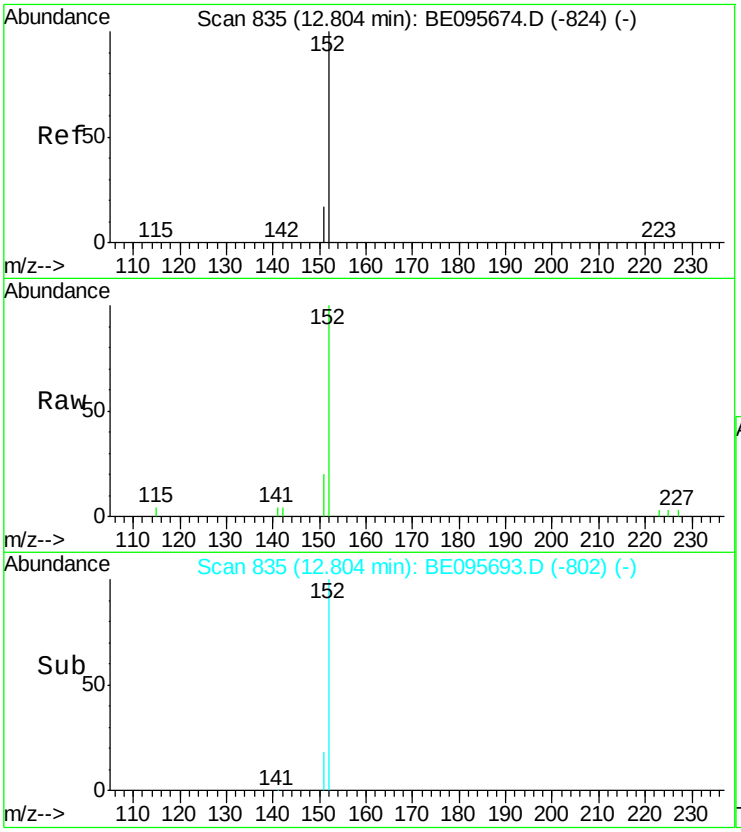


#10
Hexachlorobutadiene
Concen: 0.254 ng
RT: 11.57 min Scan# 631
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:225 Resp: 922

Ion	Ratio	Lower	Upper
225	100		
223	59.2	53.0	79.6
227	58.8	51.4	77.2



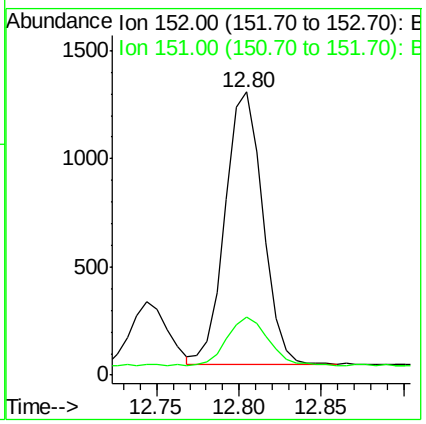


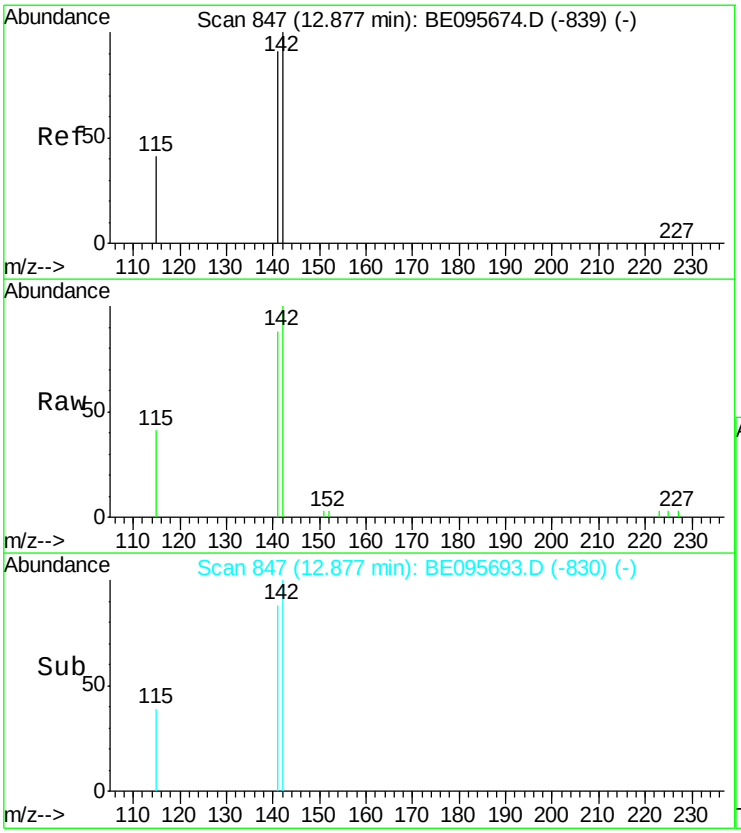
#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2011

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

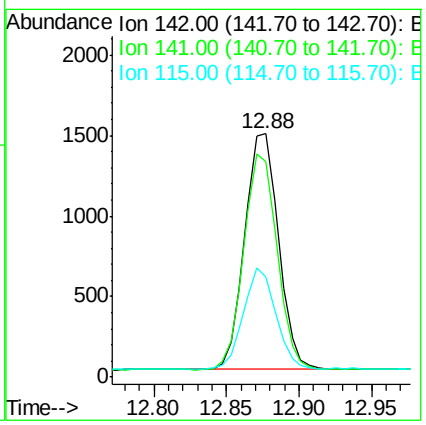


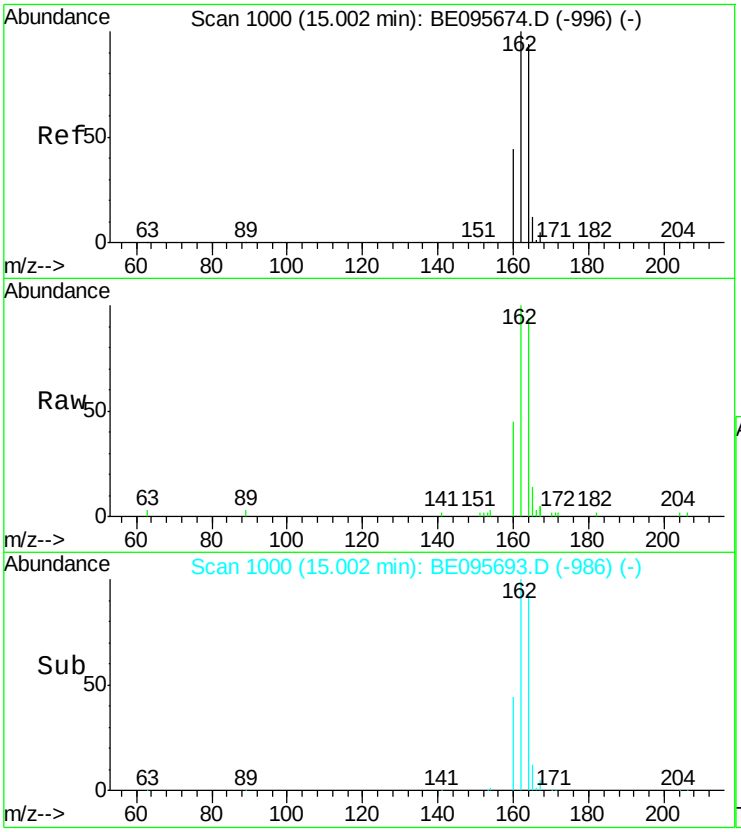


#12
2-Methylnaphthalene
Concen: 0.220 ng
RT: 12.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:142 Resp: 2360

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	41.2	31.7	47.5



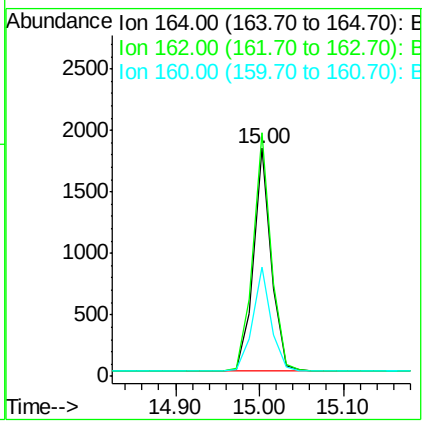


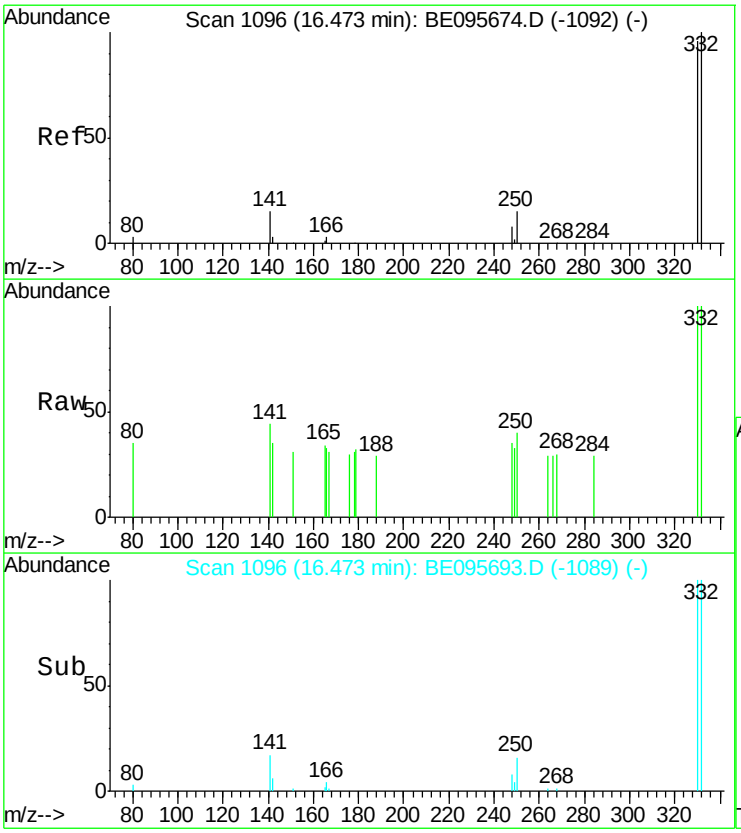
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2676

Ion	Ratio	Lower	Upper
164	100		
162	106.9	83.1	124.7
160	48.0	37.1	55.7

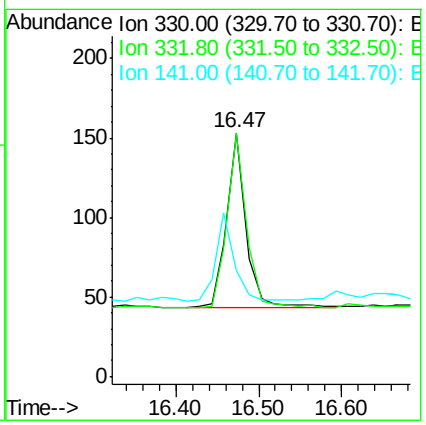


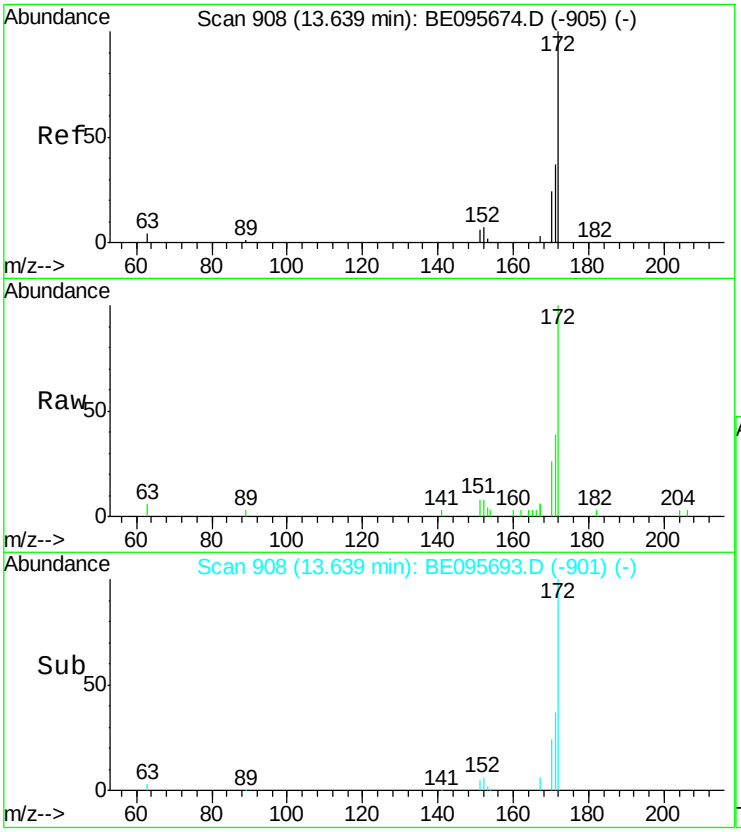


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:330 Resp: 181

Ion	Ratio	Lower	Upper
330	100		
332	98.3	152.7	229.1#
141	48.1	33.7	50.5



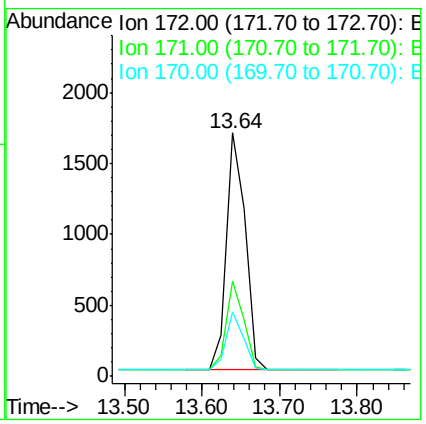


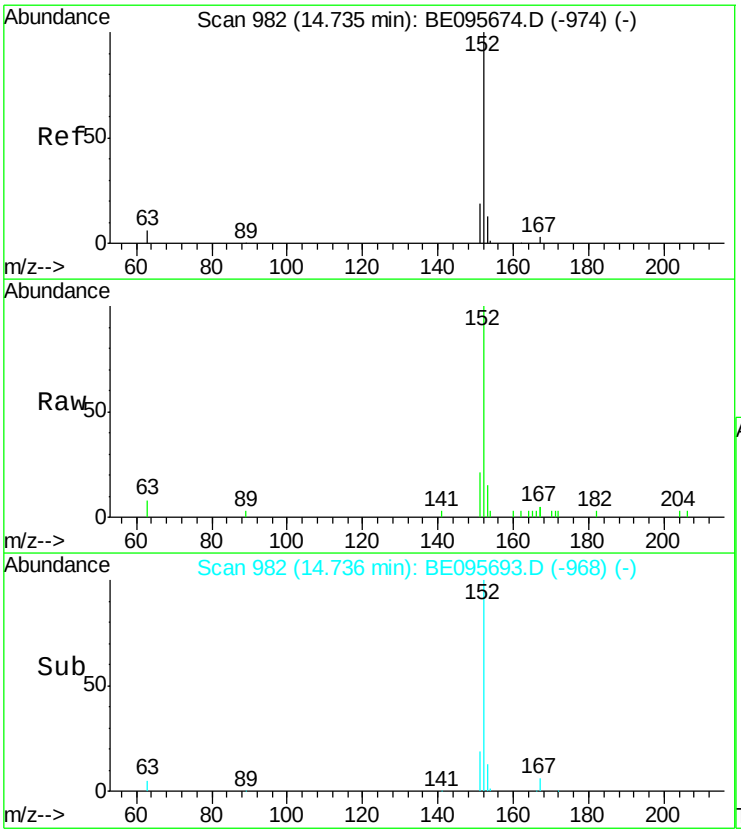
#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2815

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.9	44.9
170	26.2	21.8	32.8

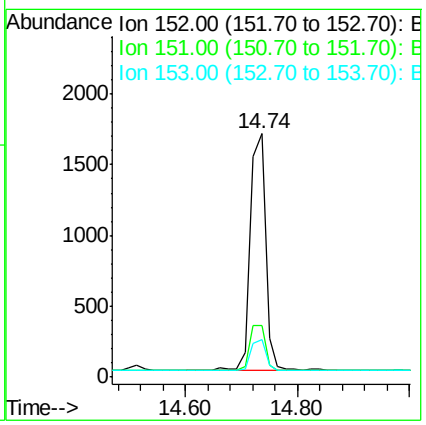


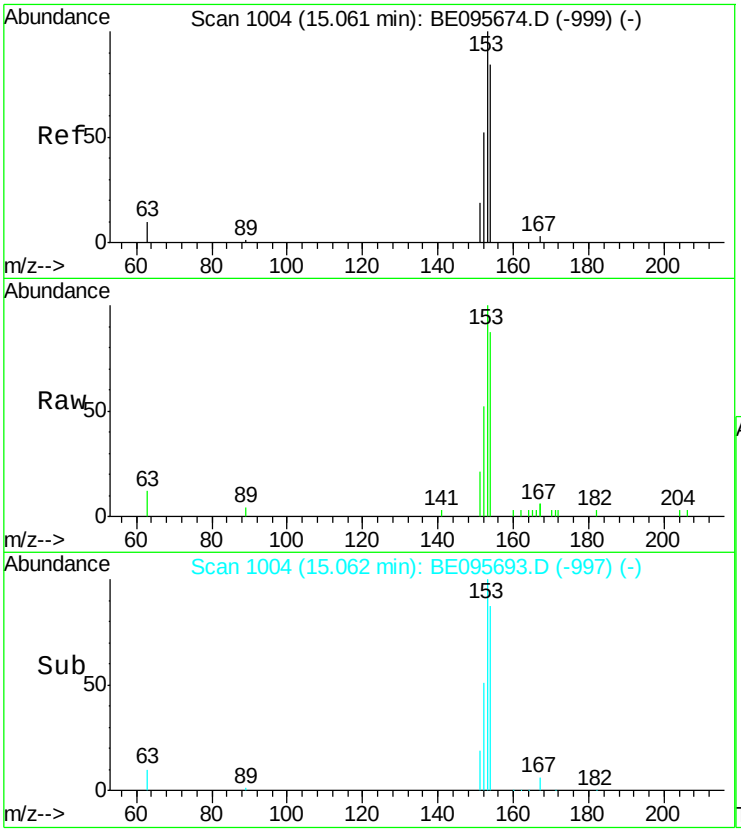


#16
Acenaphthylene
Concen: 0.216 ng
RT: 14.74 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:152 Resp: 3243

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	12.9	10.5	15.7



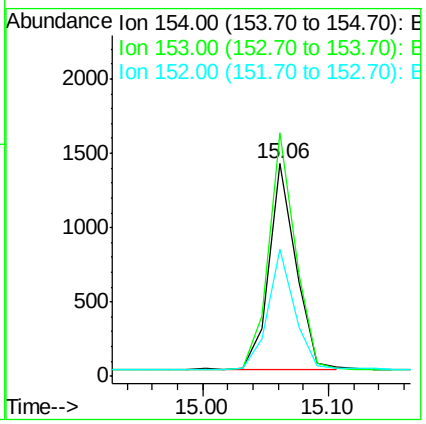


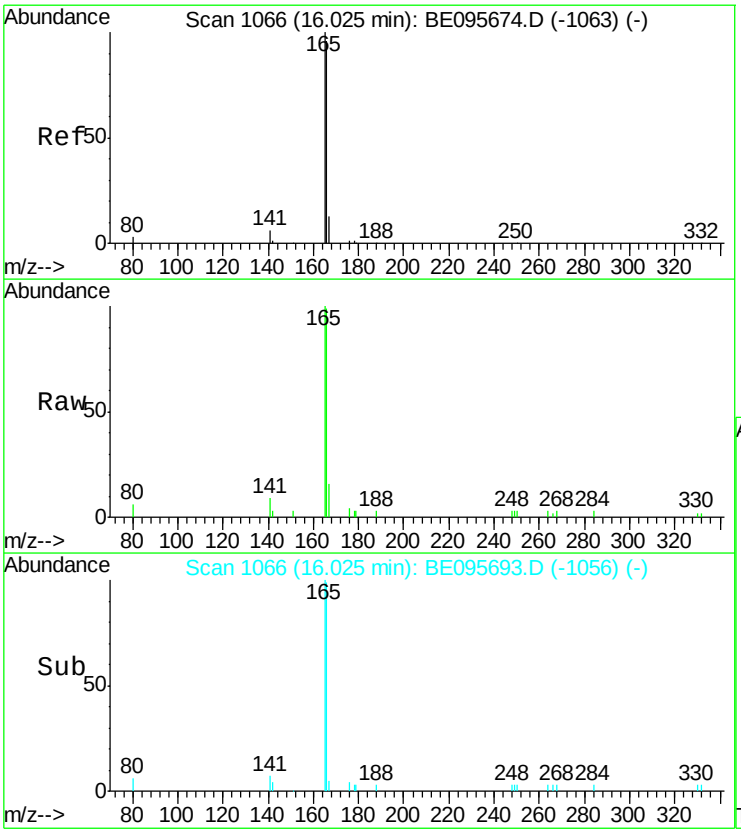
#17
Acenaphthene
Concen: 0.217 ng
RT: 15.06 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2051

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.2	133.8
152	58.0	42.0	63.0

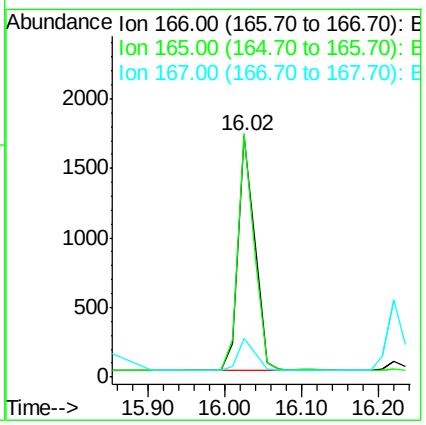


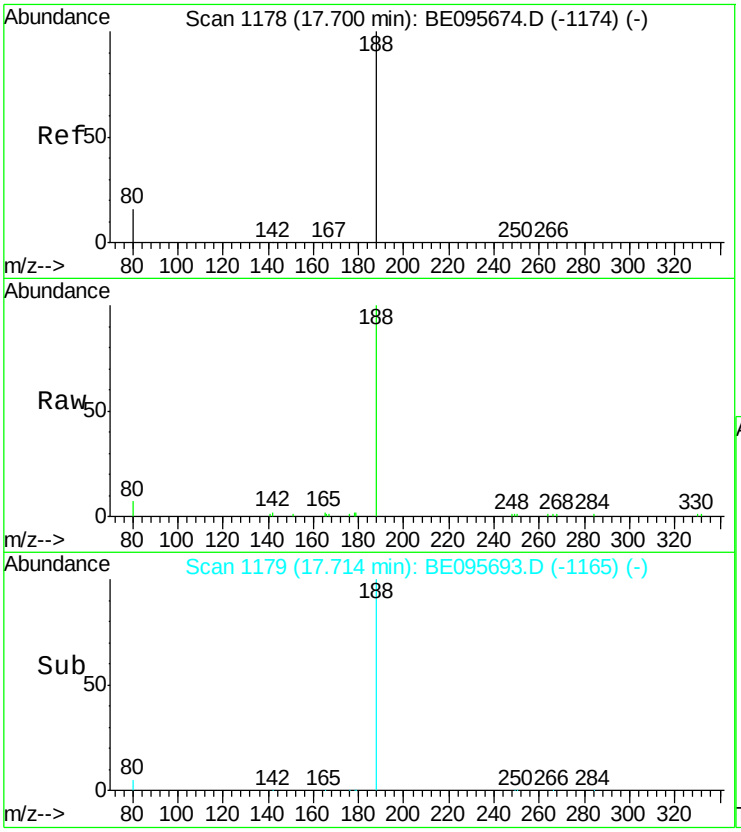


#18
Fluorene
Concen: 0.219 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:166 Resp: 2565

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.6
167	14.1	42.4	63.6#



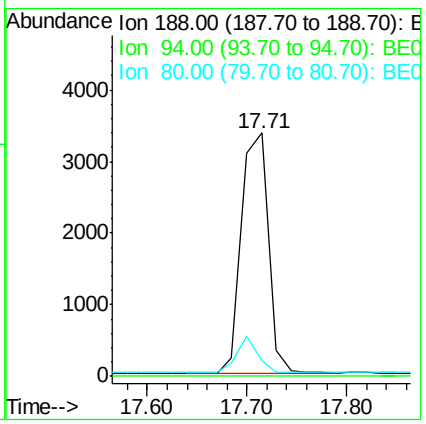


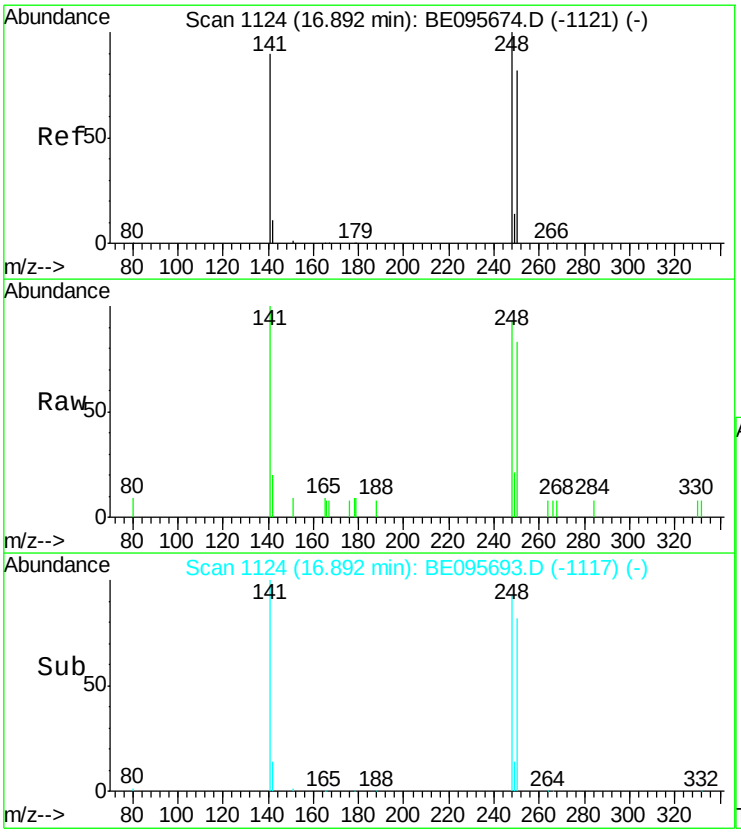
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6300

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.6	3.6	5.4#

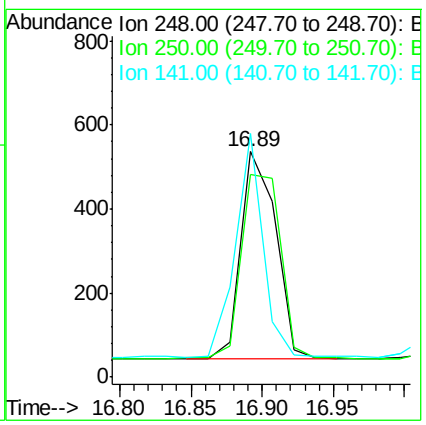


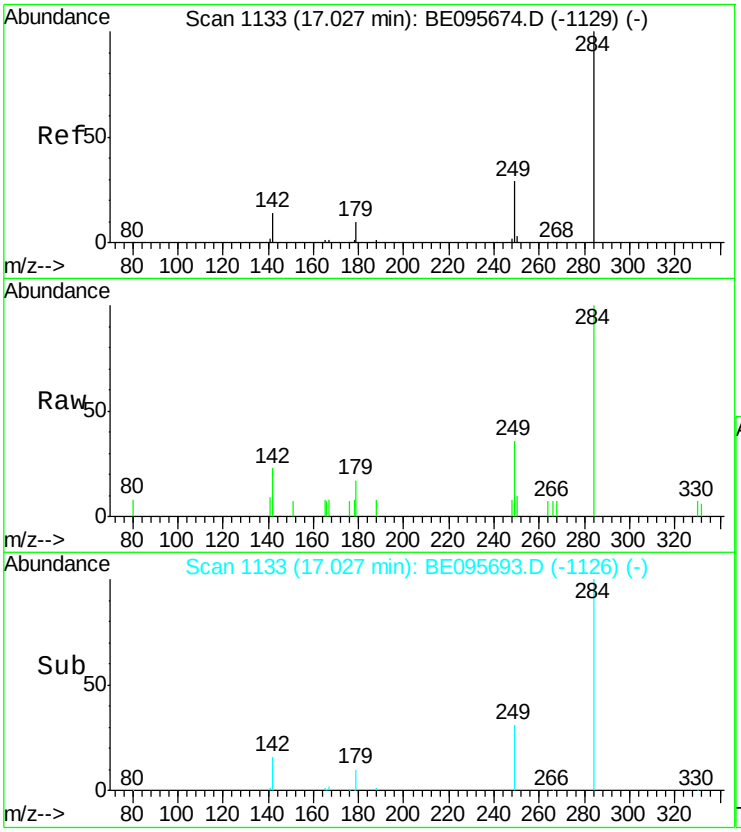


#20
4-Bromophenyl-phenylether
Concen: 0.210 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:248 Resp: 832

Ion	Ratio	Lower	Upper
248	100		
250	89.8	62.7	94.1
141	107.8	48.2	72.2#



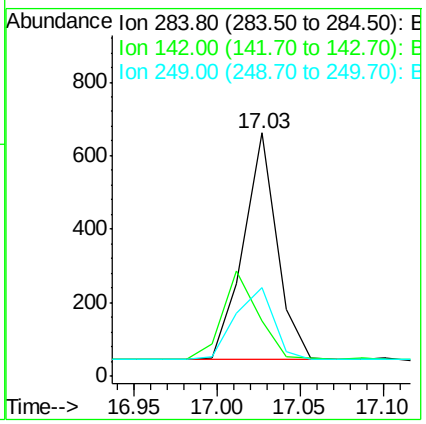


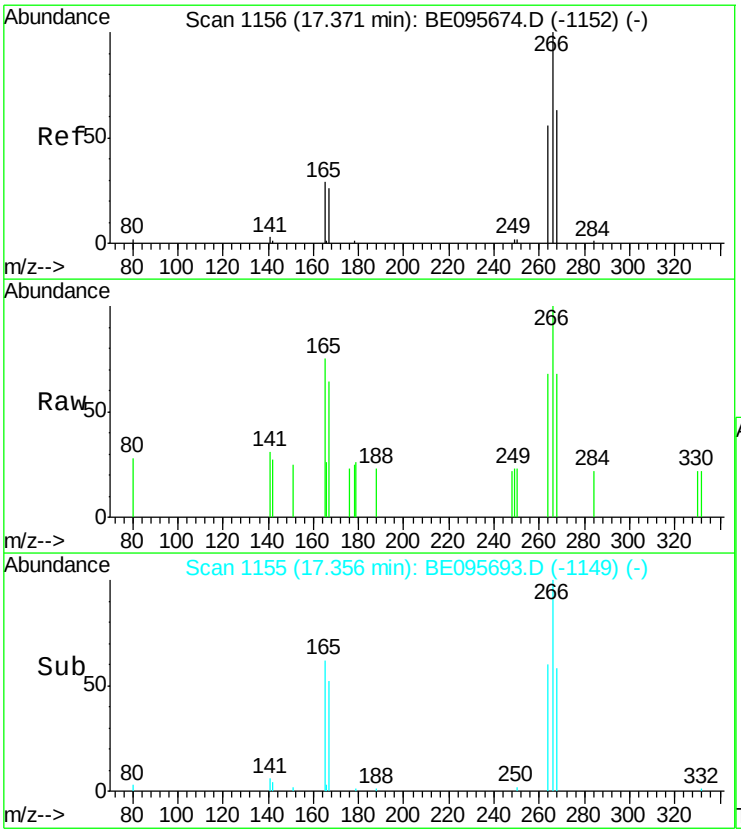
#21
Hexachlorobenzene
Concen: 0.213 ng
RT: 17.03 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 872

Ion	Ratio	Lower	Upper
284	100		
142	40.9	22.1	33.1#
249	36.2	34.8	52.2

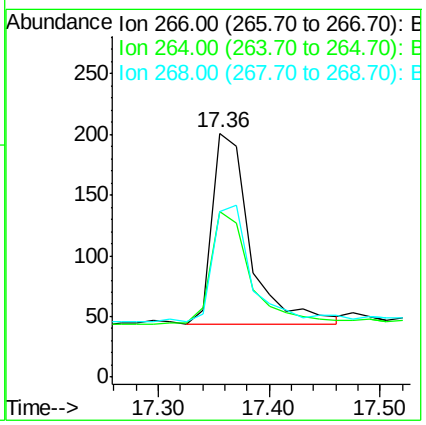


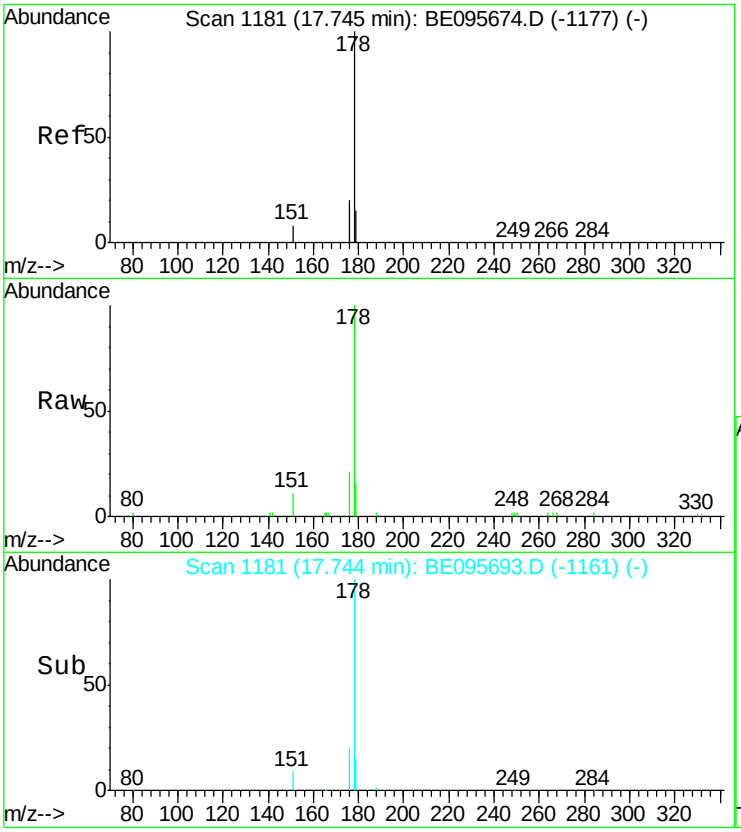


#22
Pentachlorophenol
Concen: 0.426 ng
RT: 17.36 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:266 Resp: 372

Ion	Ratio	Lower	Upper
266	100		
264	68.2	72.5	108.7#
268	67.7	73.8	110.6#



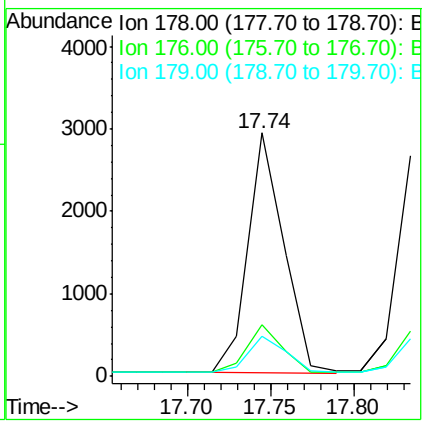


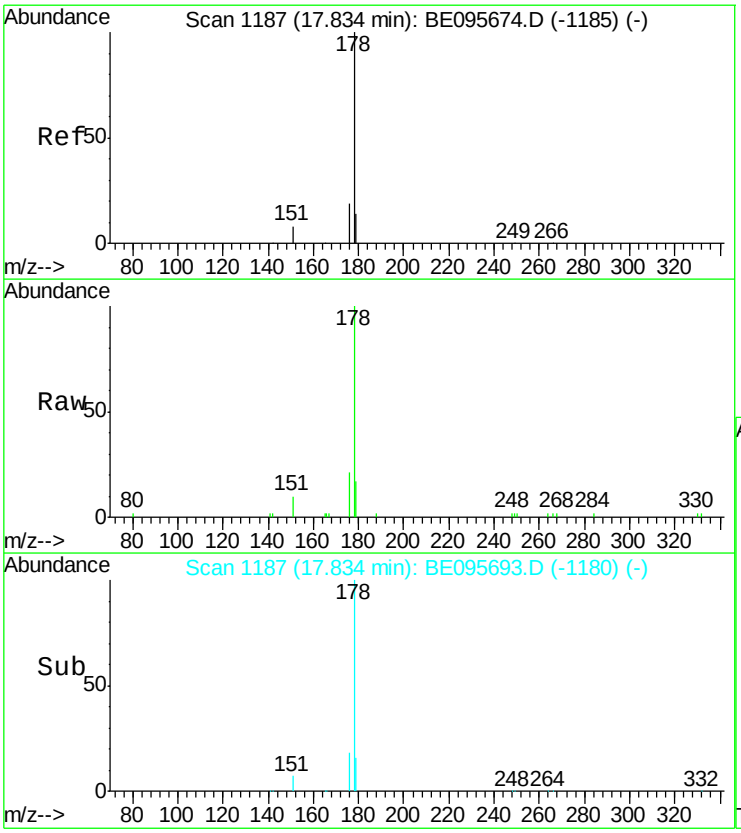
#23
Phenanthrene
Concen: 0.222 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4375

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.5	11.8	17.6

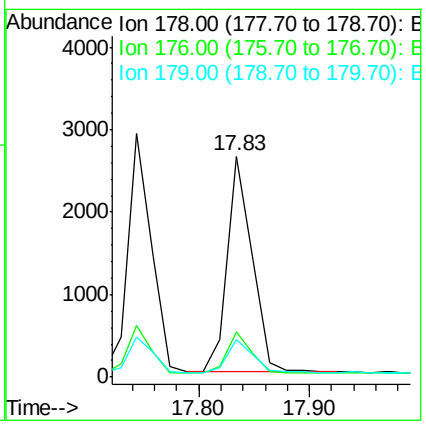


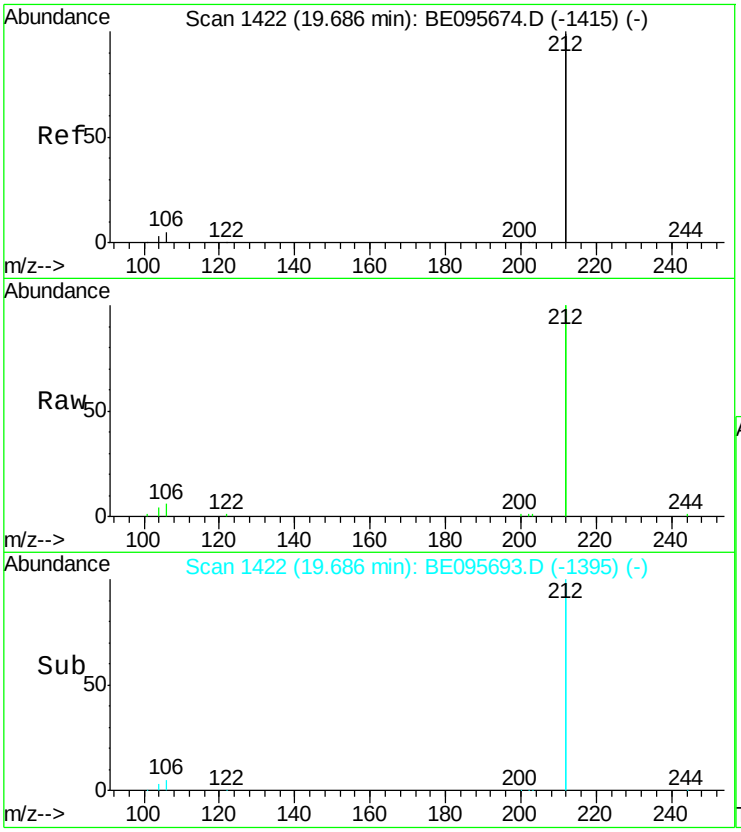


#24
Anthracene
Concen: 0.226 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:178 Resp: 4080

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.4	13.0	19.6



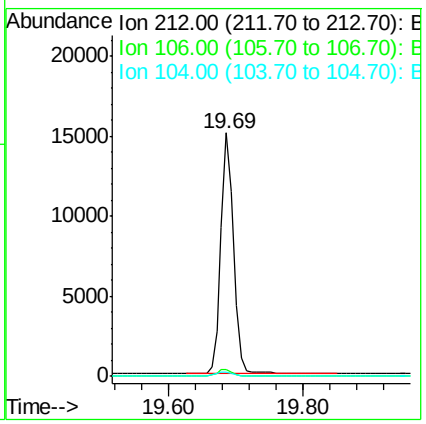


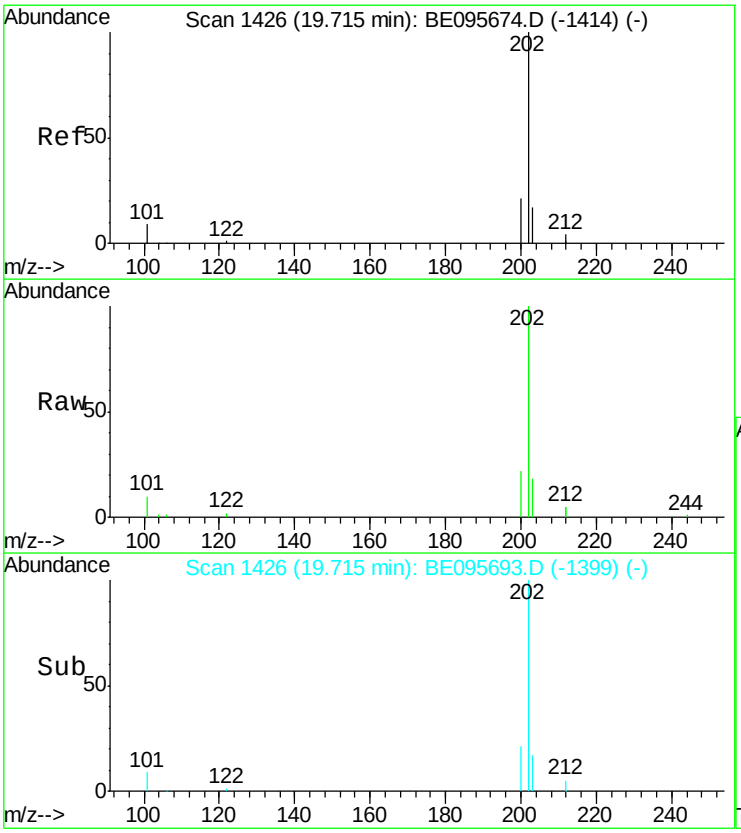
#25
Fluoranthene-d10
Concen: 0.241 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 19813

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

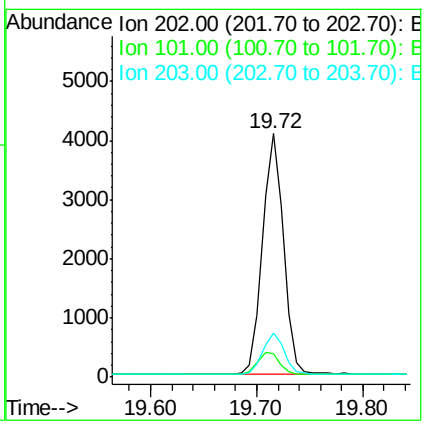


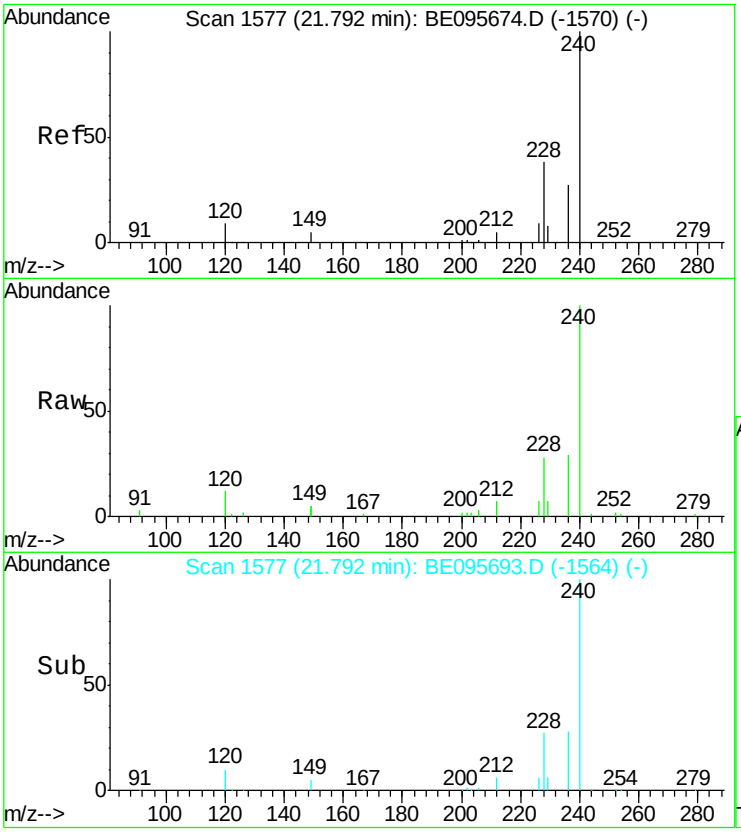


#26
Fluoranthene
Concen: 0.229 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:202 Resp: 5554

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.1	13.7	20.5



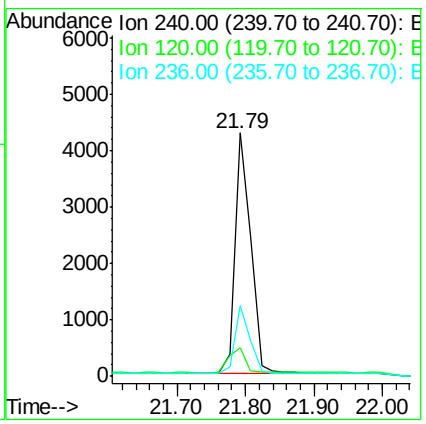


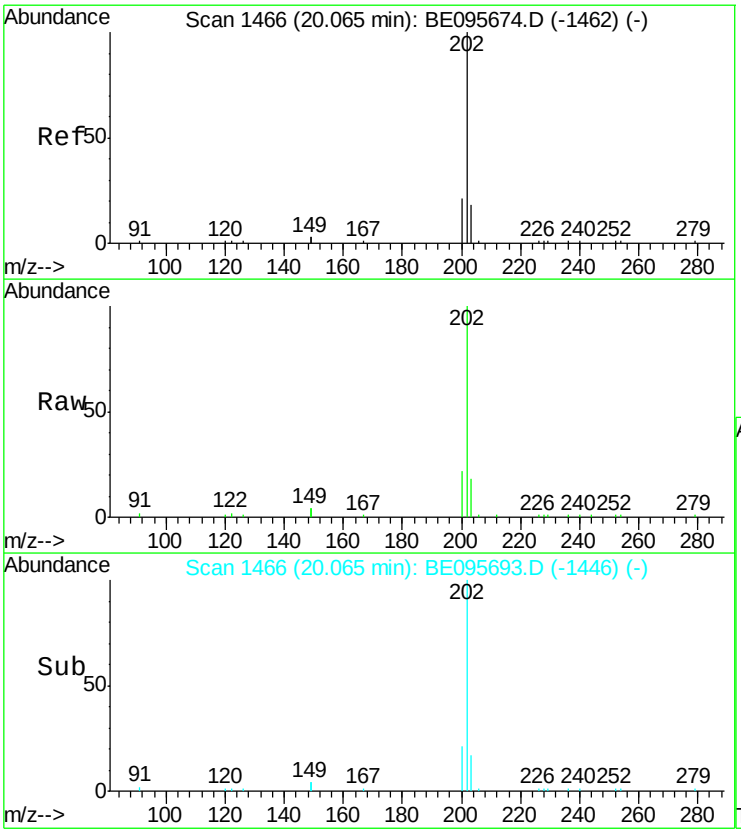
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6869

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.5	8.3#
236	29.0	20.7	31.1

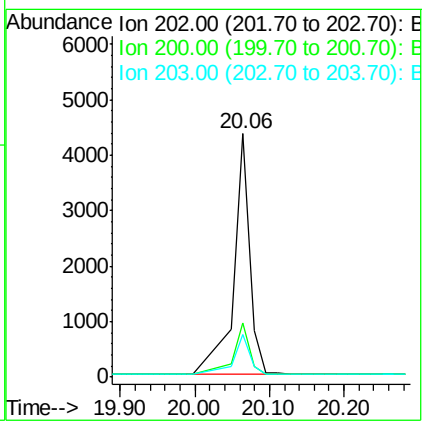


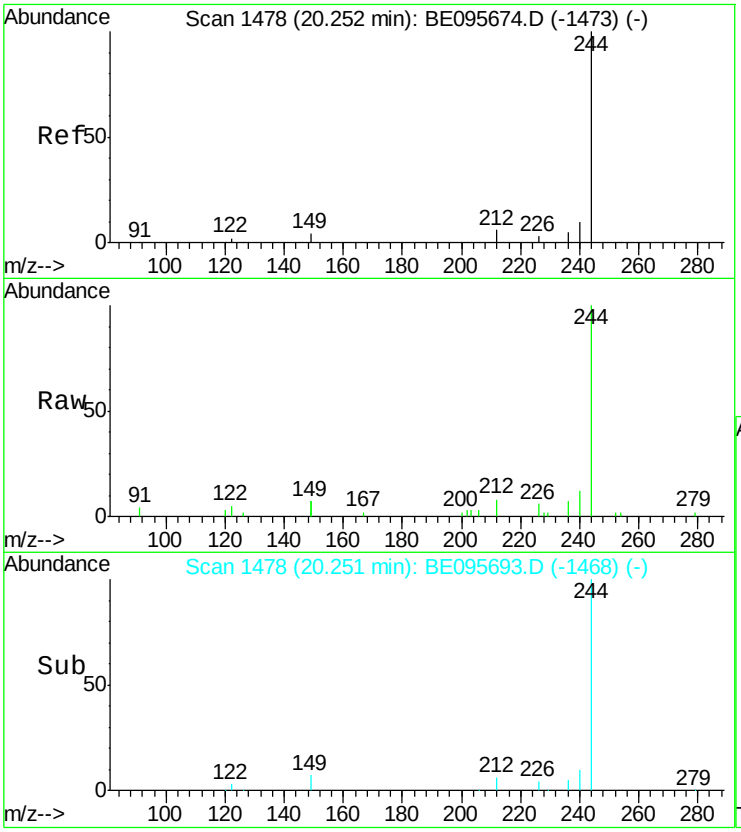


#28
Pyrene
Concen: 0.235 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:202 Resp: 6598

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.6	25.0
203	17.9	13.8	20.8



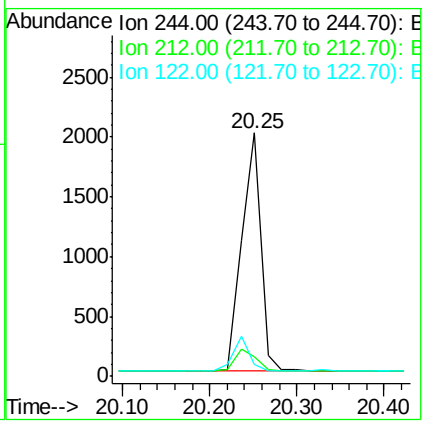


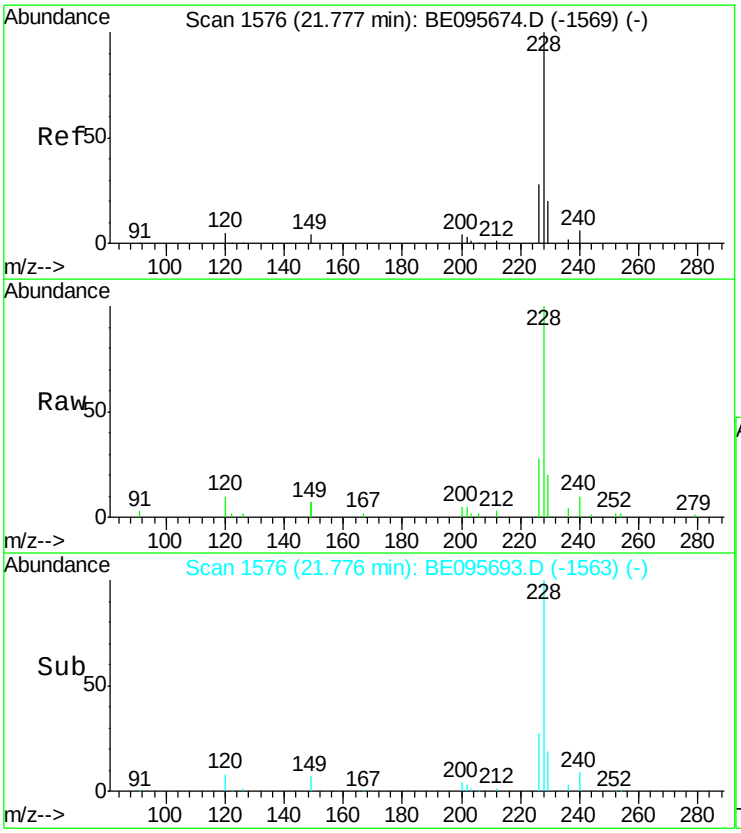
#29
Terphenyl-d14
Concen: 0.222 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3041

Ion	Ratio	Lower	Upper
244	100		
212	8.0	25.4	38.0#
122	4.8	8.1	12.1#

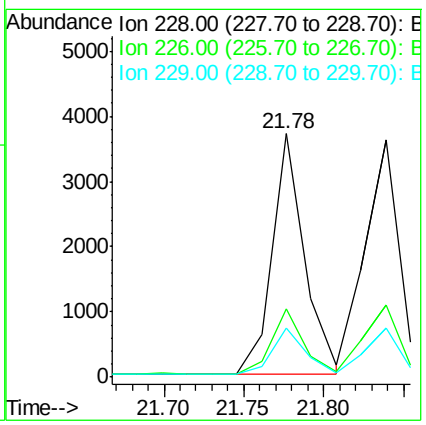


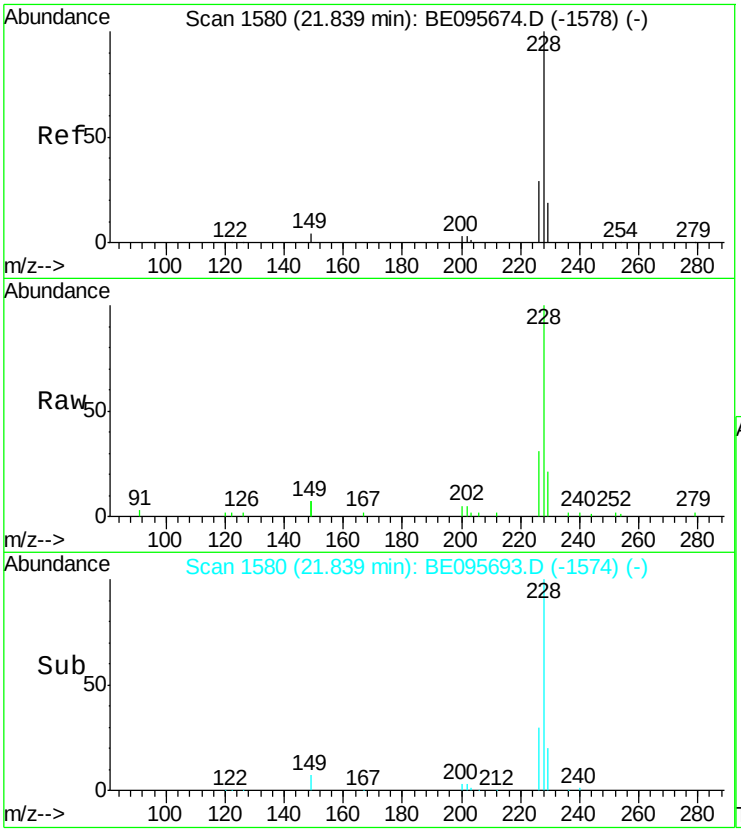


#30
Benzo(a)anthracene
Concen: 0.232 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:228 Resp: 5208

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	20.0	16.0	24.0



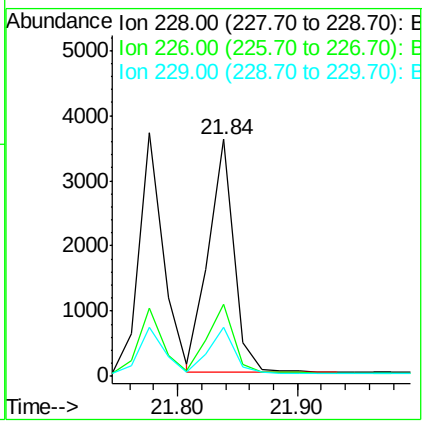


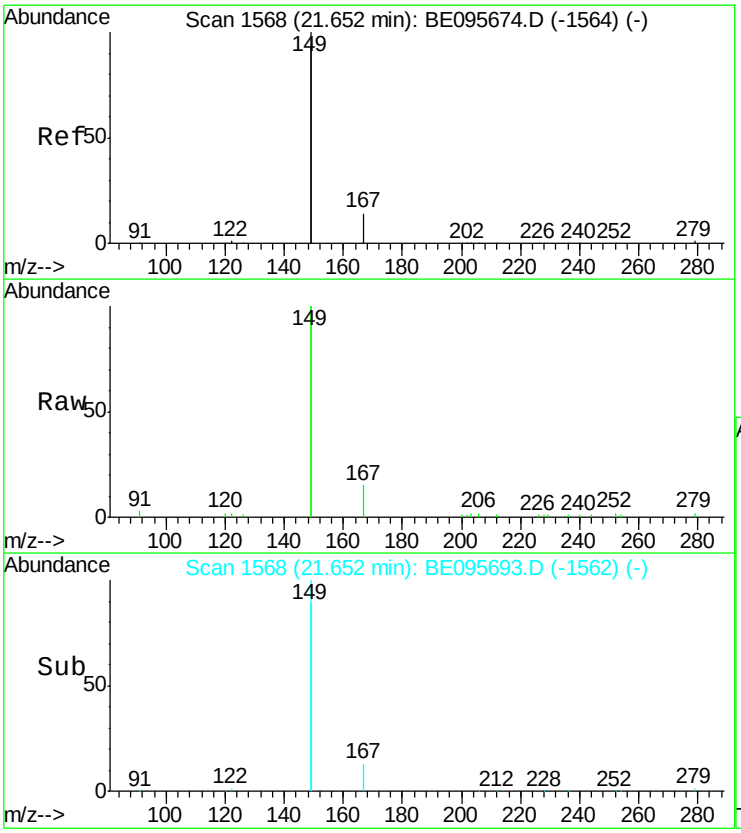
#31
Chrysene
Concen: 0.238 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5315

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.7	16.0	24.0

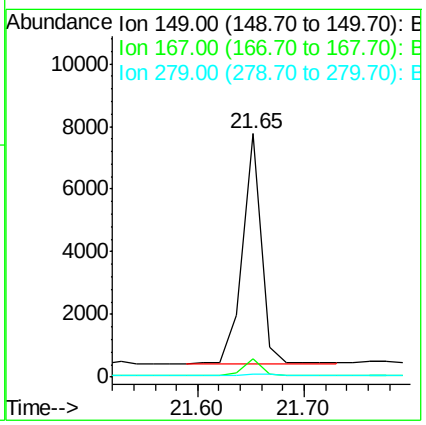


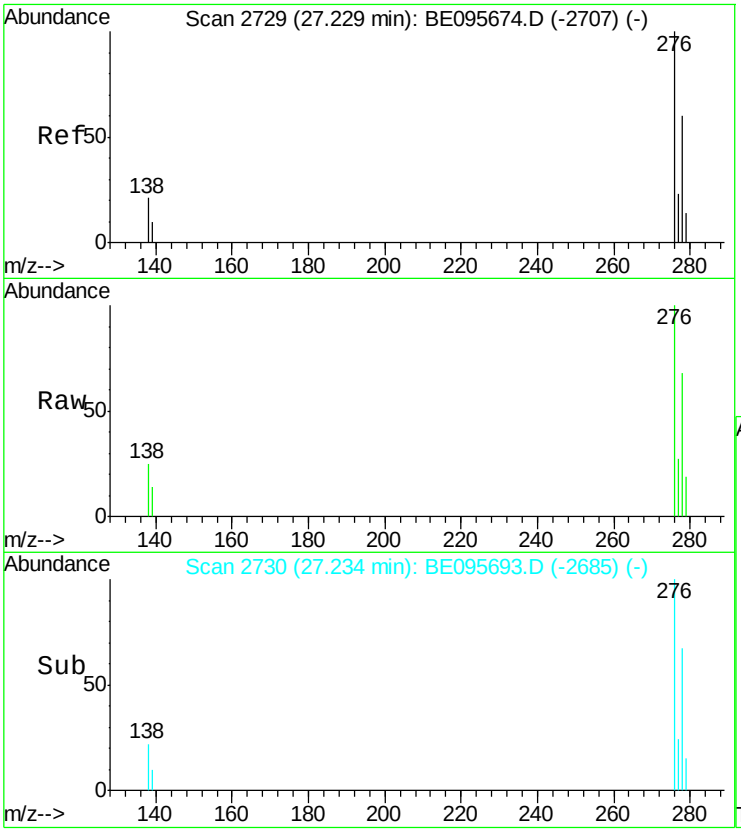


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.223 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:149 Resp: 8845

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.8	0.7	1.1



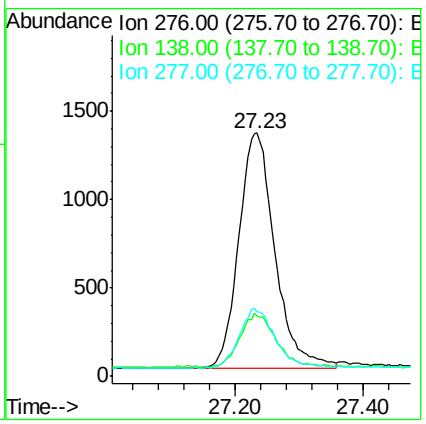


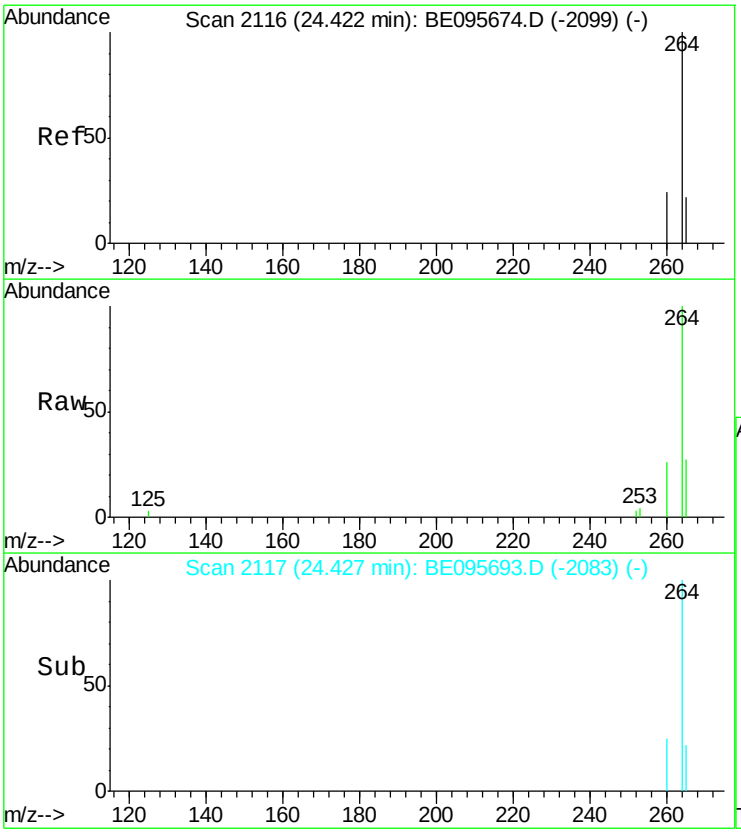
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.241 ng
RT: 27.23 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5200

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.5	33.7#
277	24.3	19.9	29.9

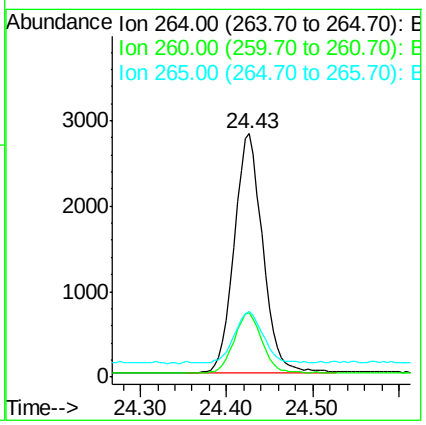


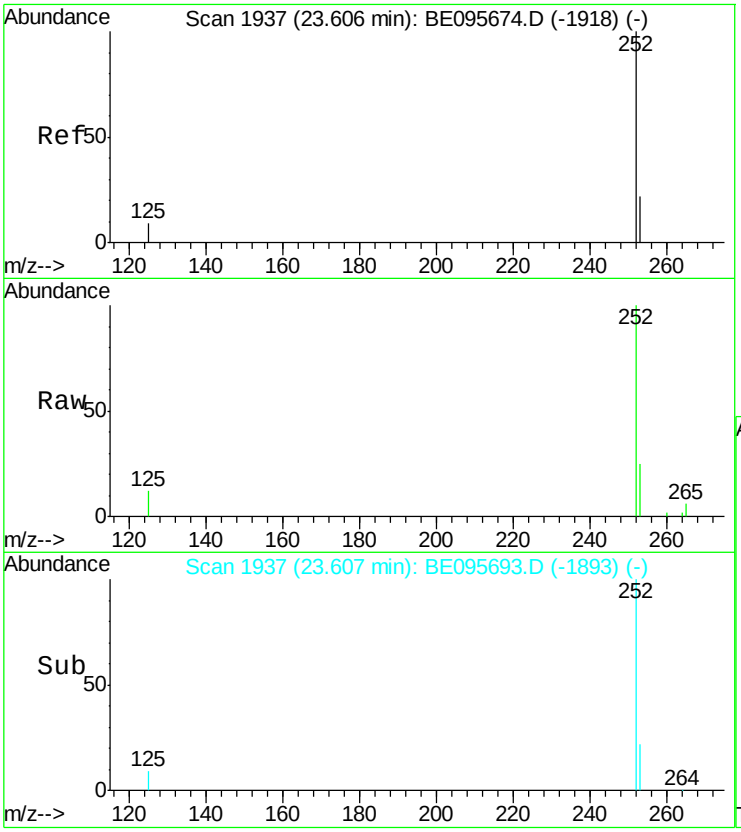


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:264 Resp: 6443

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	27.2	22.8	34.2



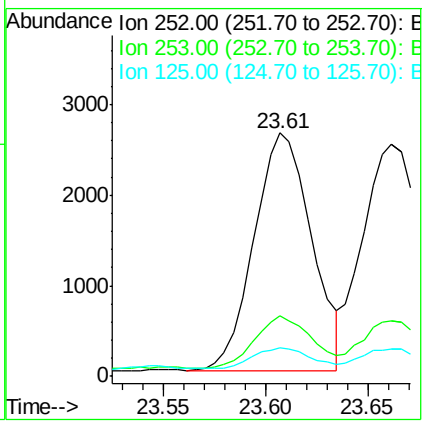


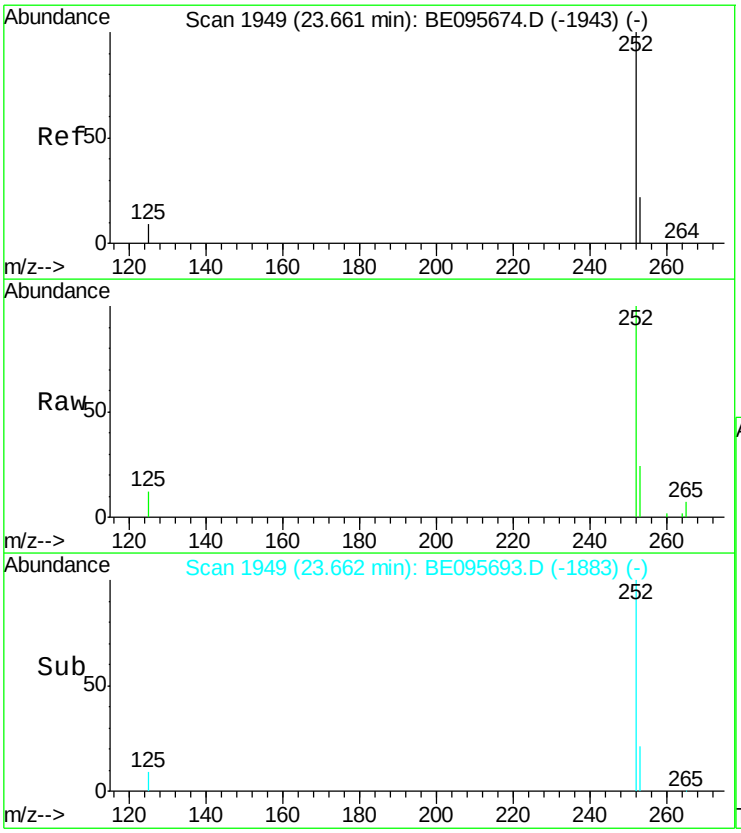
#35
Benzo(b)fluoranthene
Concen: 0.223 ng
RT: 23.61 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5120

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.0	30.0
125	12.0	16.0	24.0#

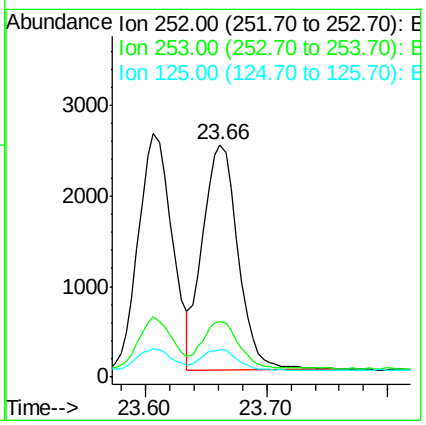


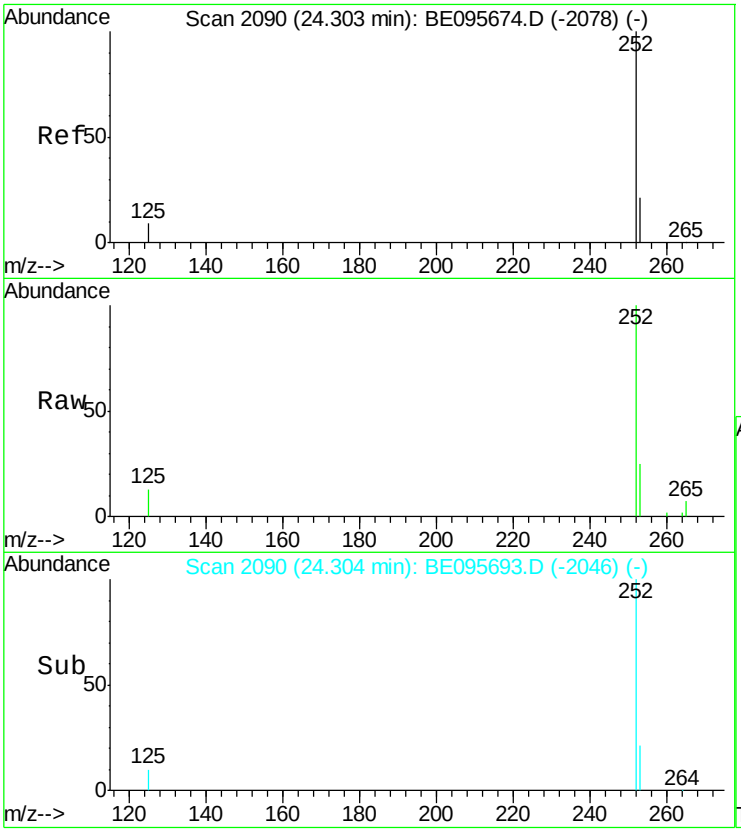


#36
Benzo(k)fluoranthene
Concen: 0.223 ng
RT: 23.66 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:252 Resp: 5094

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	11.5	8.0	12.0



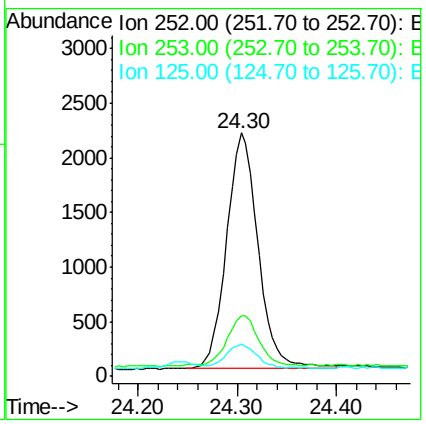


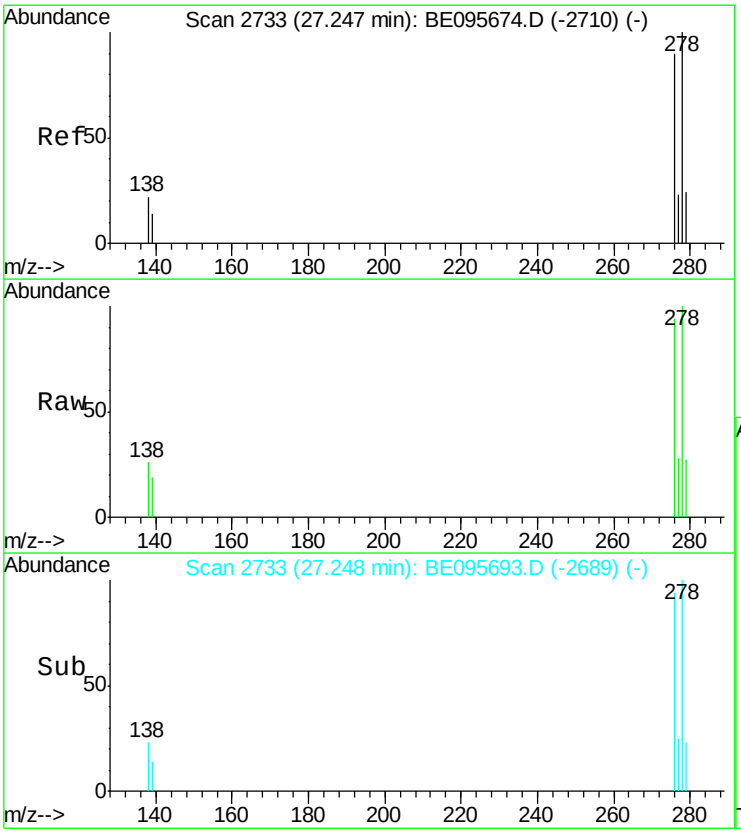
#37
Benzo(a)pyrene
Concen: 0.231 ng
RT: 24.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4784

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.0	24.0#
125	13.4	12.0	18.0

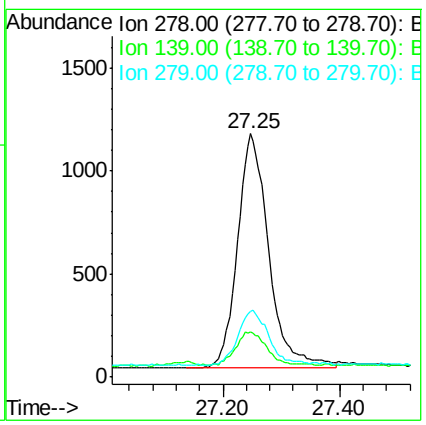


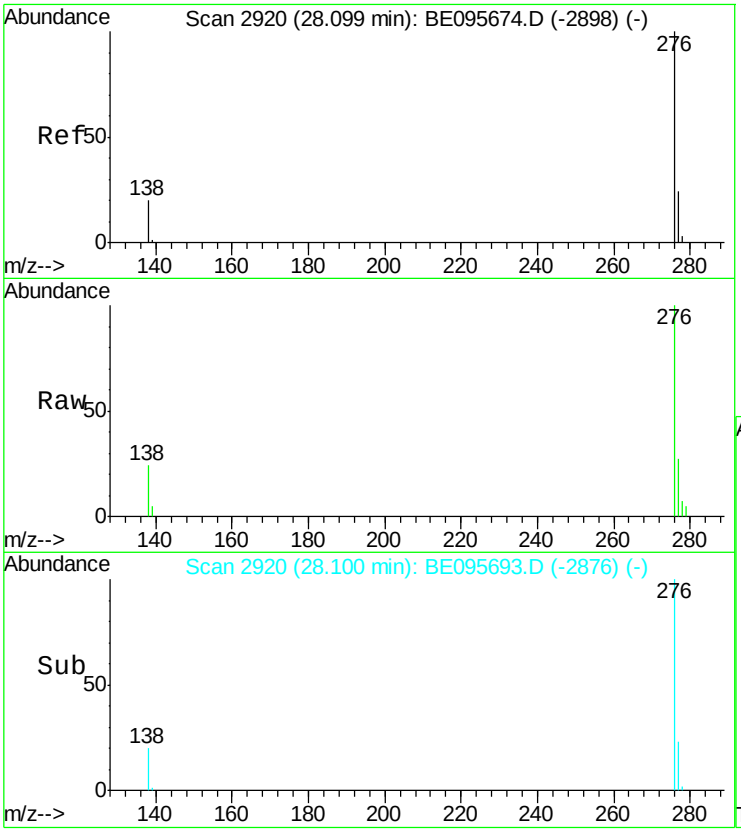


#38
Dibenzo(a,h)anthracene
Concen: 0.229 ng
RT: 27.25 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:278 Resp: 4218

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.0	24.0
279	27.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.231 ng
RT: 28.10 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4557

Ion	Ratio	Lower	Upper
276	100		
277	26.5	16.0	24.0#
138	23.7	20.0	30.0