Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
Data File : BE095745.D
Acq On : 13 Mar 2018 1:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 13 10:50:33 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	1650	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	6717	0.40	ng		-0.02
13) Acenaphthene-d10	15.00	164	3846	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	8577	0.40	ng		0.00
27) Chrysene-d12	21.80	240	8722	0.40	ng		0.00
34) Perylene-d12	24.42	264	8002	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1653	0.38	ng		0.00
5) Phenol-d6	7.56	99	2461	0.41	ng		0.00
8) Nitrobenzene-d5	9.61	82	2476	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	4099	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	557	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	6226	0.36	ng		0.00
25) Fluoranthene-d10	19.69	212	39157	0.35	ng		0.00
29) Terphenyl-d14	20.24	244	6327	0.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	898	0.346	ng	#	93
3) n-Nitrosodimethylamine	4.00	42	1195	0.371	ng	#	83
6) bis(2-Chloroethyl)ether	7.82	93	2278	0.368	ng		94
9) Naphthalene	11.31	128	28024	0.362	ng		100
10) Hexachlorobutadiene	11.57	225	1995	0.442	ng		90
12) 2-Methylnaphthalene	12.87	142	4863	0.364	ng		94
16) Acenaphthylene	14.73	152	7755	0.359	ng		99
17) Acenaphthene	15.06	154	4860	0.358	ng		94
18) Fluorene	16.03	166	6056	0.360	ng	#	79
20) 4-Bromophenyl-phenylether	16.89	248	1951	0.362	ng	#	79
21) Hexachlorobenzene	17.02	284	1927	0.346	ng	#	81
22) Pentachlorophenol	17.36	266	723	0.532	ng	#	75
23) Phenanthrene	17.74	178	9624	0.359	ng		99
24) Anthracene	17.84	178	8641	0.351	ng	#	95
26) Fluoranthene	19.72	202	11350	0.344	ng	#	97
28) Pyrene	20.07	202	13575	0.381	ng		99
30) Benzo(a)anthracene	21.78	228	10690	0.376	ng		98
31) Chrysene	21.84	228	9962	0.352	ng		99
32) Bis(2-ethylhexyl)phthalate	21.66	149	20297	0.403	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	10366	0.378	ng	#	93
35) Benzo(b)fluoranthene	23.61	252	10022	0.352	ng	#	89
36) Benzo(k)fluoranthene	23.66	252	9939	0.351	ng		95
37) Benzo(a)pyrene	24.30	252	9120	0.355	ng	#	92
38) Dibenzo(a,h)anthracene	27.25	278	8493	0.372	ng		96
39) Benzo(g,h,i)perylene	28.10	276	8678	0.354	ng	#	91

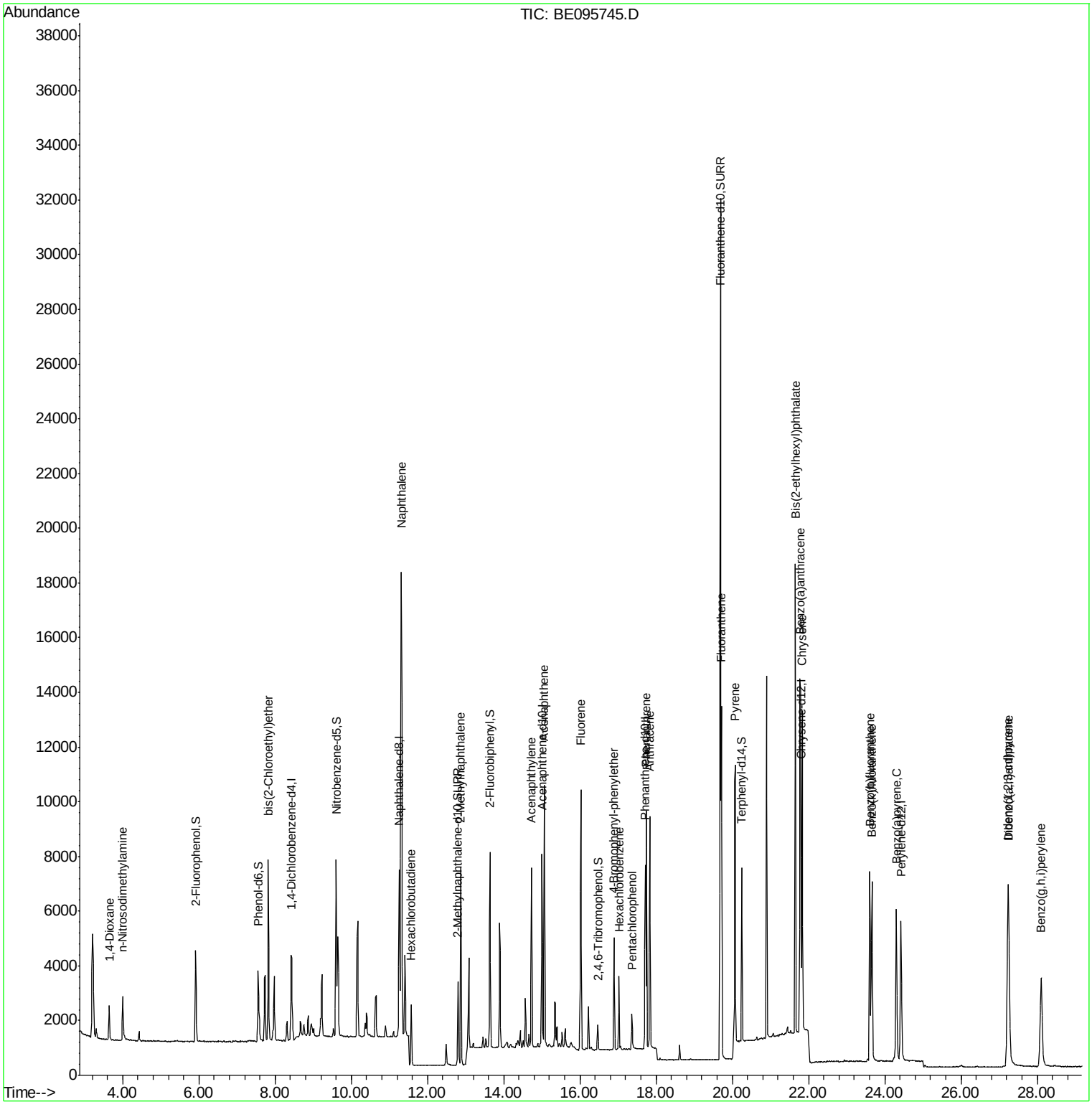
(#) = qualifier out of range (m) = manual integration (+) = signals summed

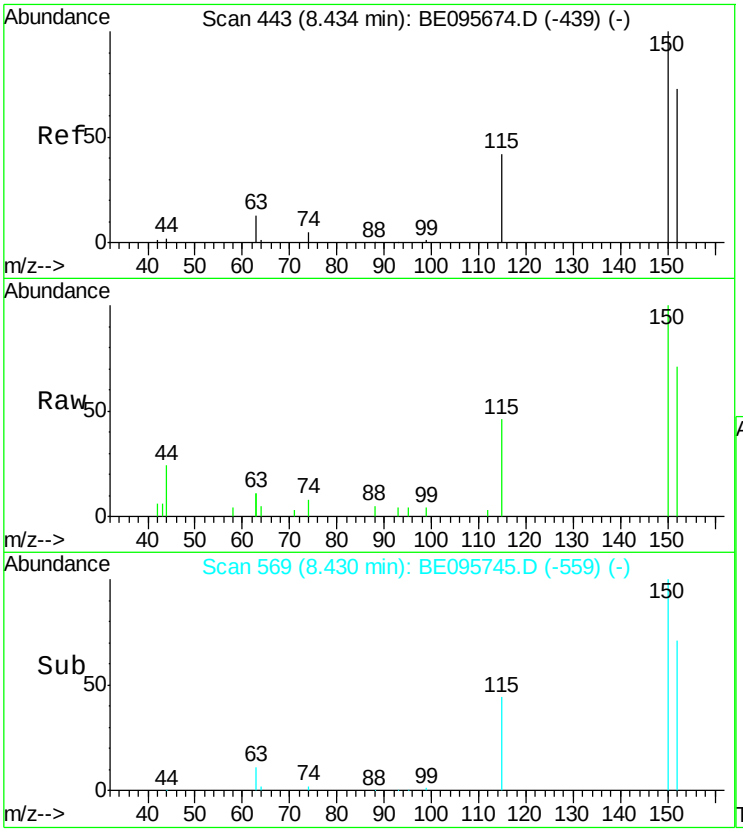
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
Data File : BE095745.D
Acq On : 13 Mar 2018 1:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 13 10:50:33 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



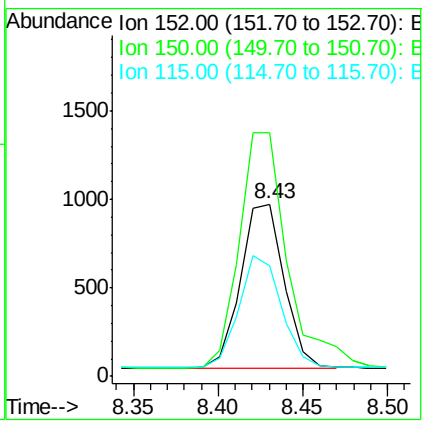


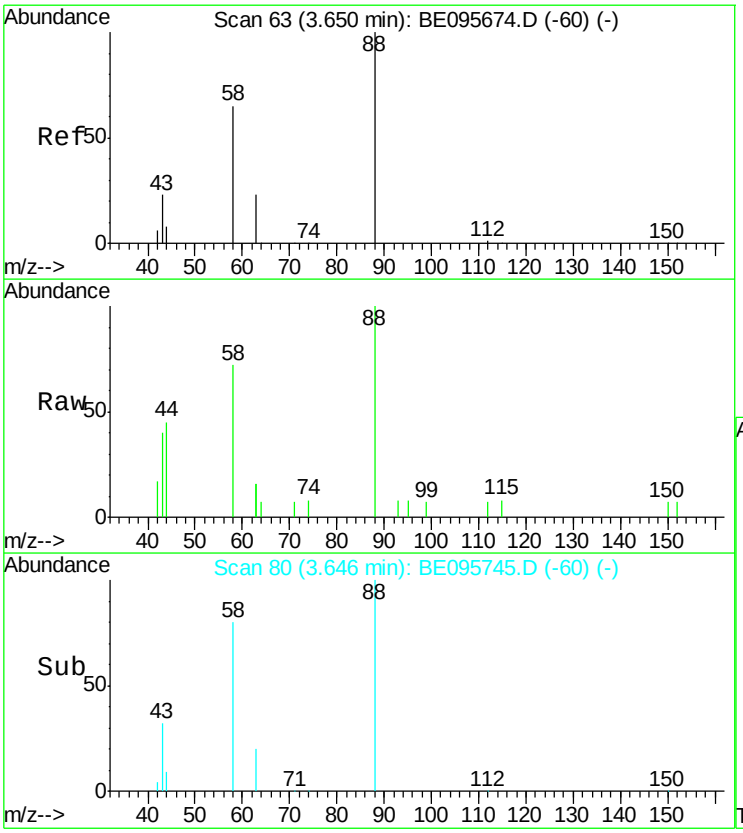
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1650

Ion	Ratio	Lower	Upper
152	100		
150	141.5	117.2	175.8
115	64.5	57.0	85.6

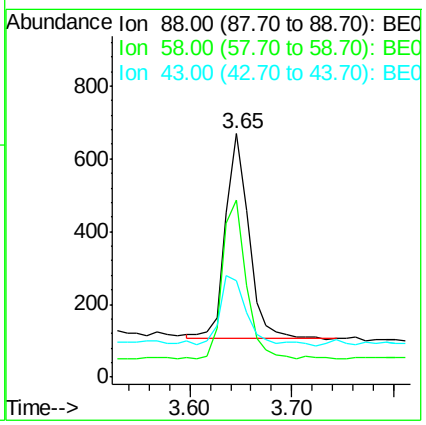


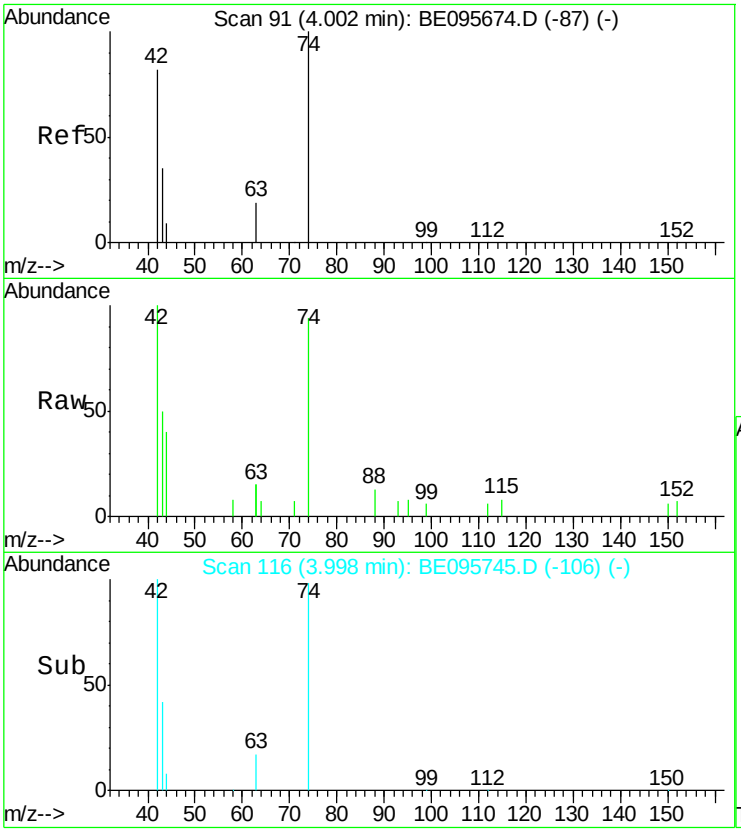


#2
1,4-Dioxane
Concen: 0.346 ng
RT: 3.65 min Scan# 80
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion: 88 Resp: 898

Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.2	94.8
43	40.3	41.2	61.8#



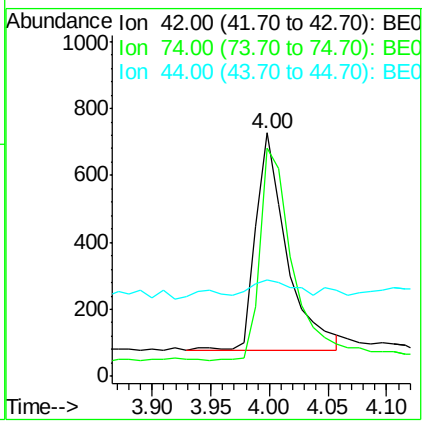


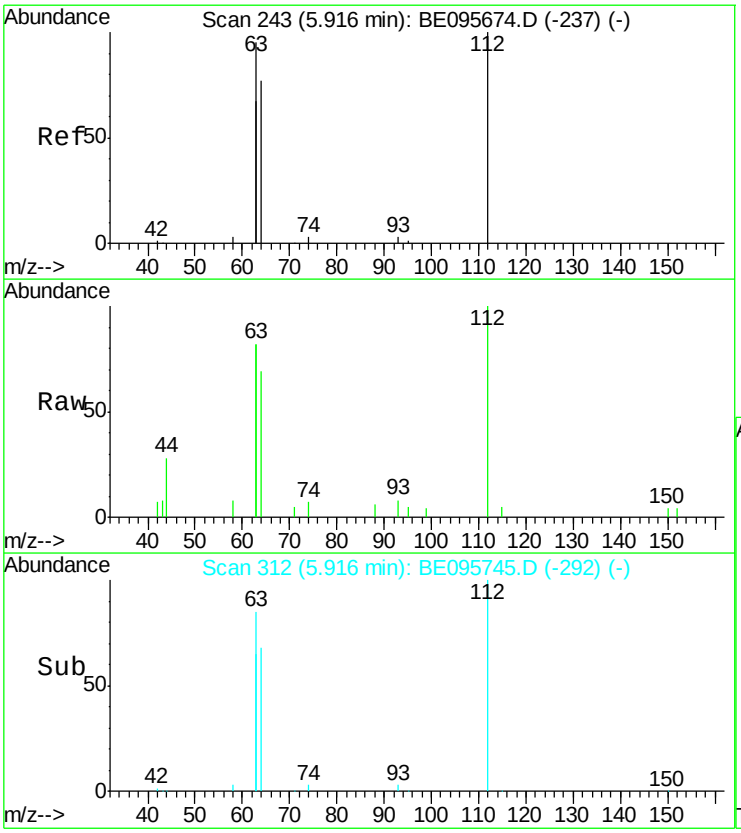
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 4.00 min Scan# 116
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1195

Ion	Ratio	Lower	Upper
42	100		
74	101.1	96.0	144.0
44	9.7	12.0	18.0#

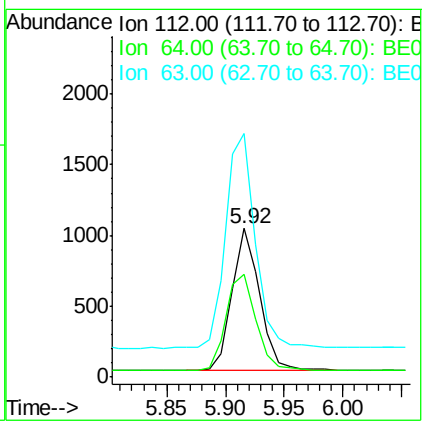


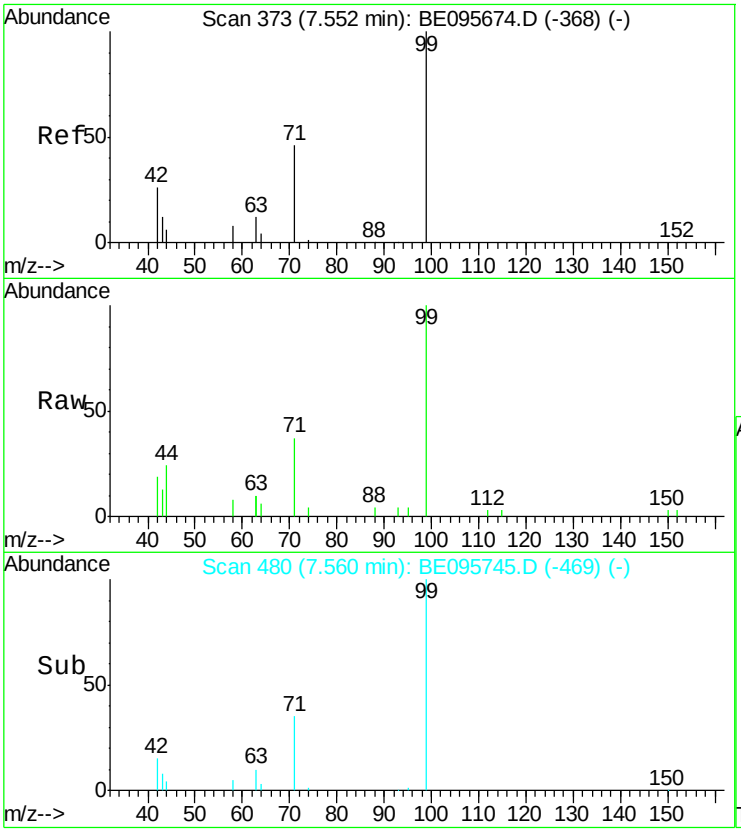


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.92 min Scan# 312
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:112 Resp: 1653

Ion	Ratio	Lower	Upper
112	100		
64	74.3	60.1	90.1
63	161.0	116.8	175.2



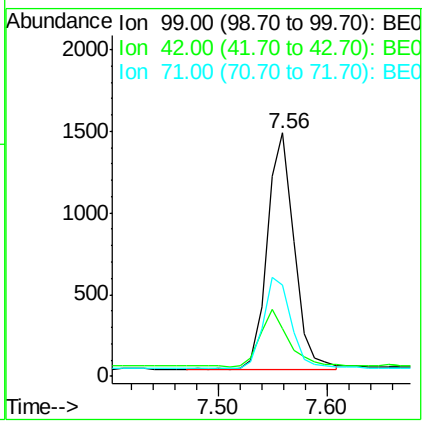


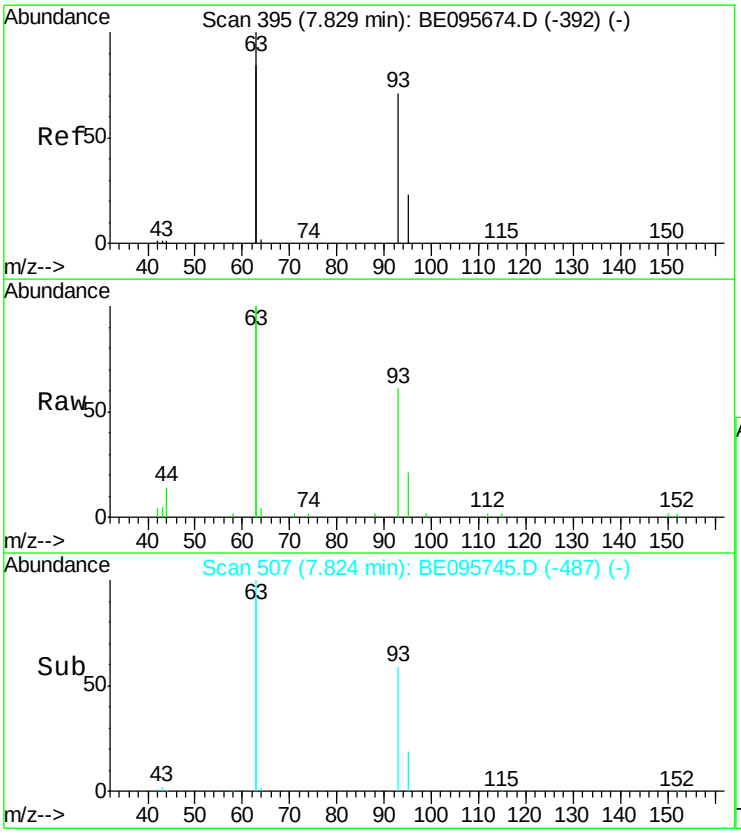
#5
Phenol-d6
Concen: 0.408 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2461

Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.2	30.2
71	40.2	28.4	42.6

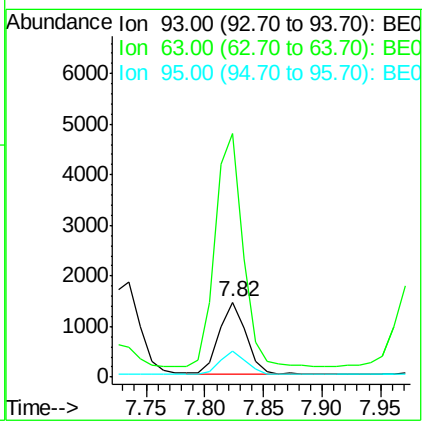


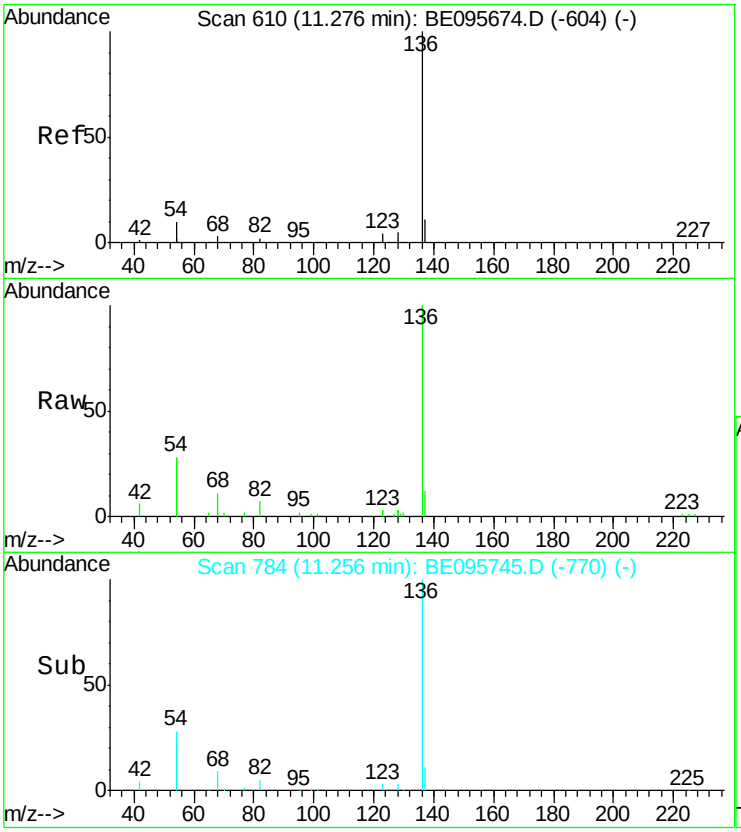


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.82 min Scan# 507
Delta R.T. -0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion: 93 Resp: 2278

Ion	Ratio	Lower	Upper
93	100		
63	331.0	275.3	412.9
95	31.6	25.2	37.8



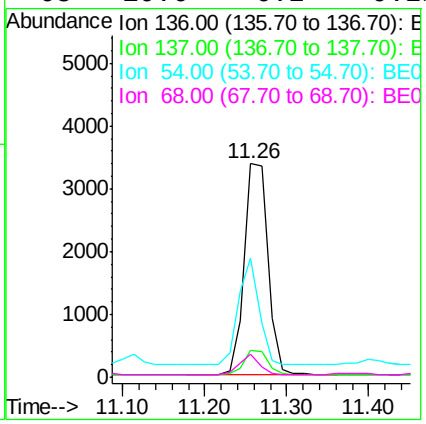


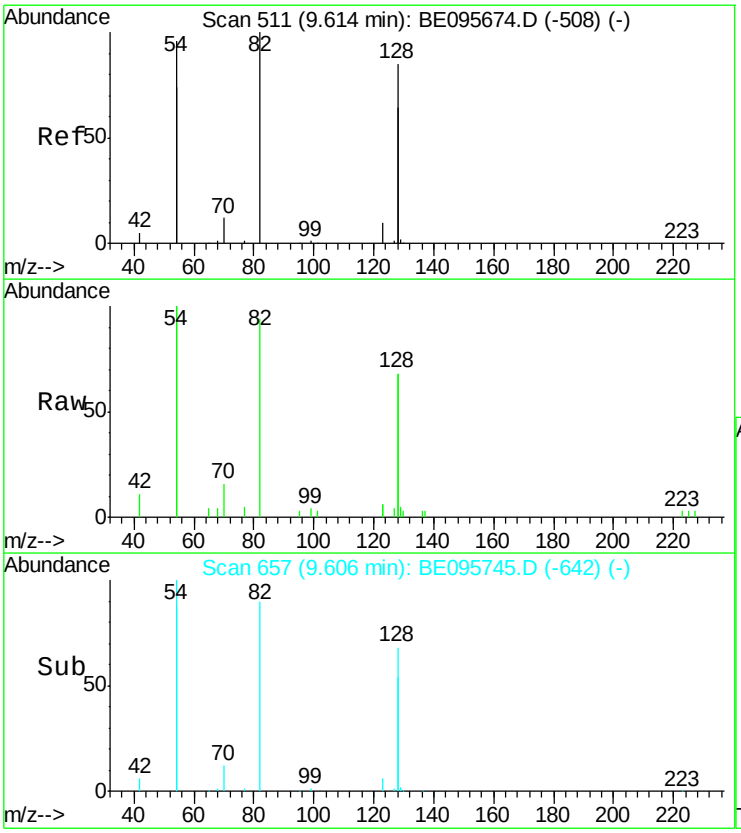
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. -0.02 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6717

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	56.0	29.1	43.7#
68	10.6	6.2	9.2#

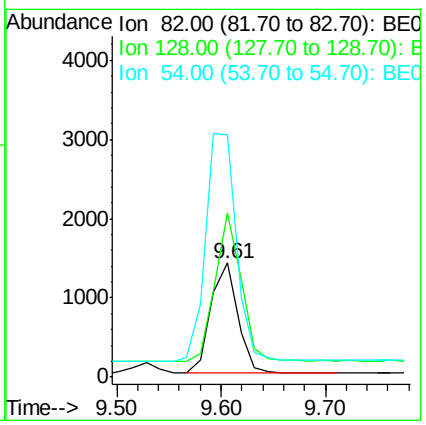


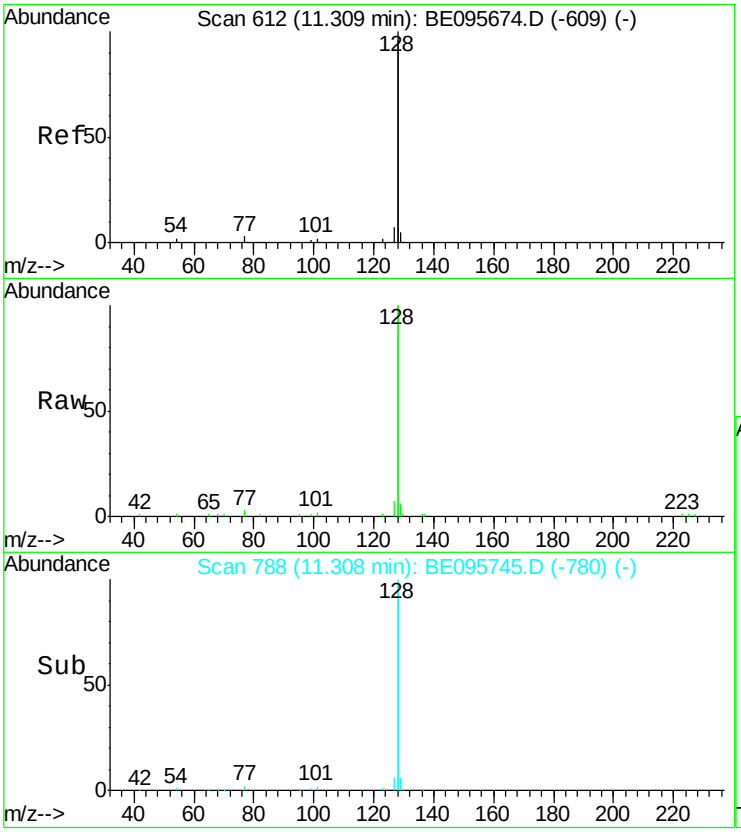


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion: 82 Resp: 2476

Ion	Ratio	Lower	Upper
82	100		
128	143.9	150.0	225.0#
54	213.1	154.2	231.4



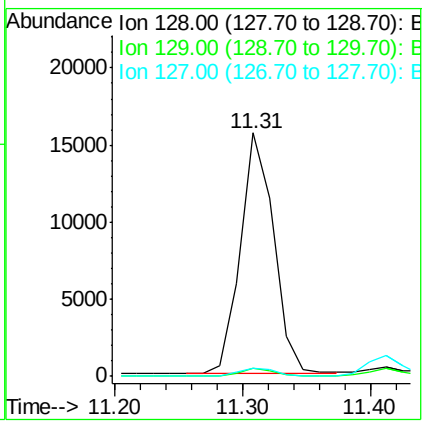


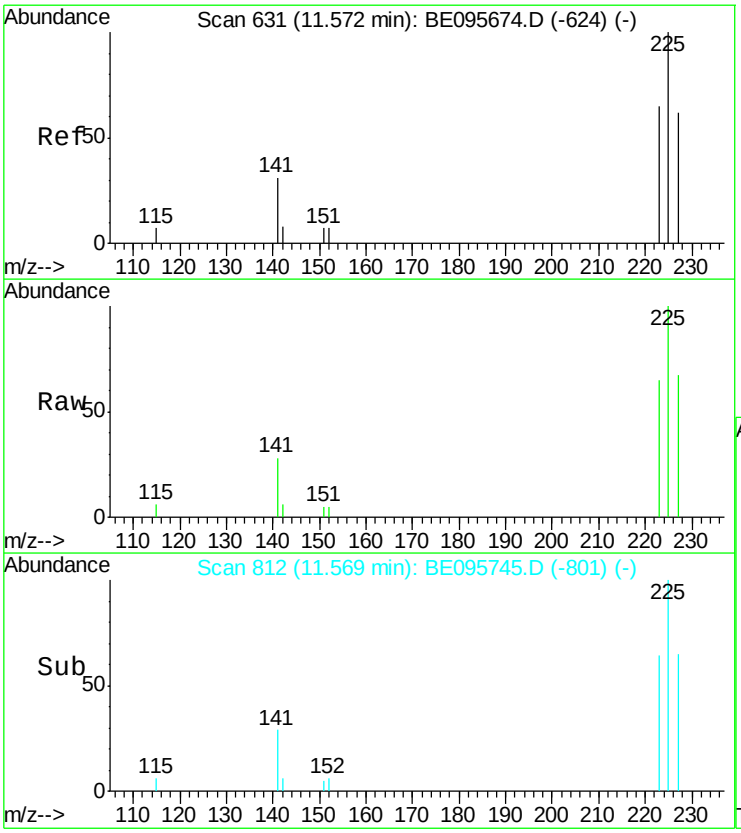
#9
Naphthalene
Concen: 0.362 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 28024

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

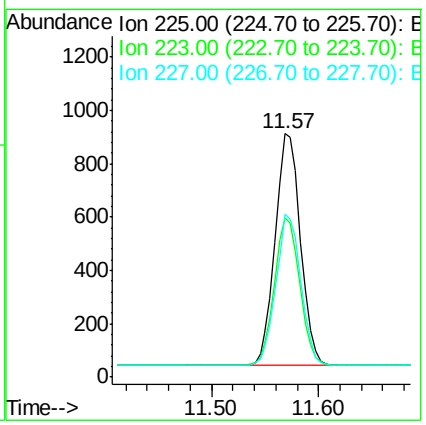


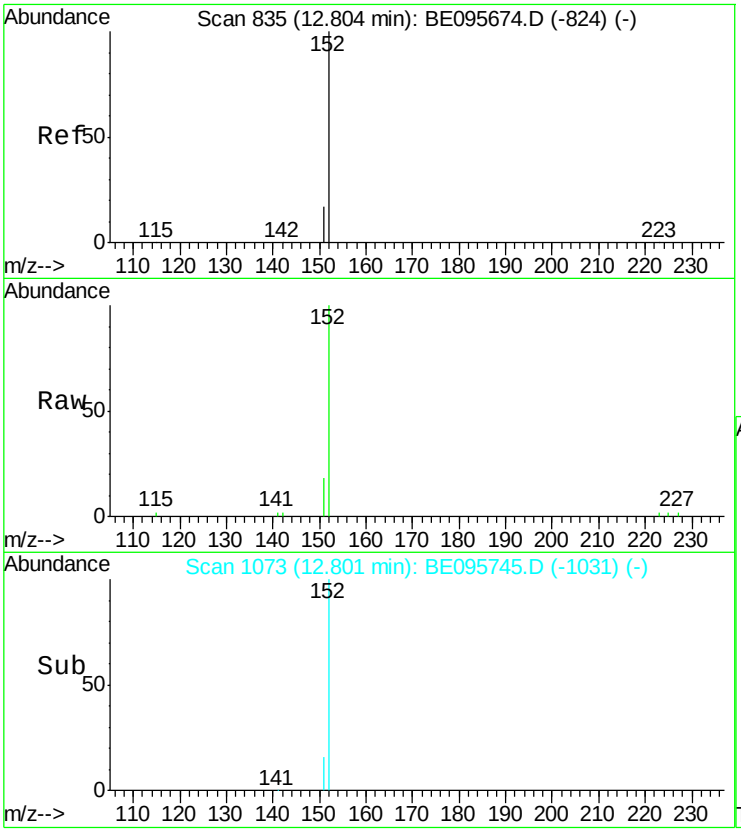


#10
Hexachlorobutadiene
Concen: 0.442 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:225 Resp: 1995

Ion	Ratio	Lower	Upper
225	100		
223	56.1	53.0	79.6
227	59.2	51.4	77.2



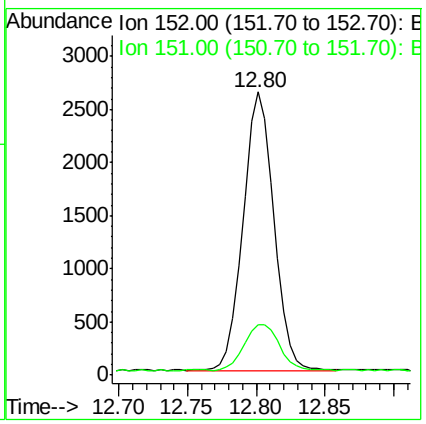


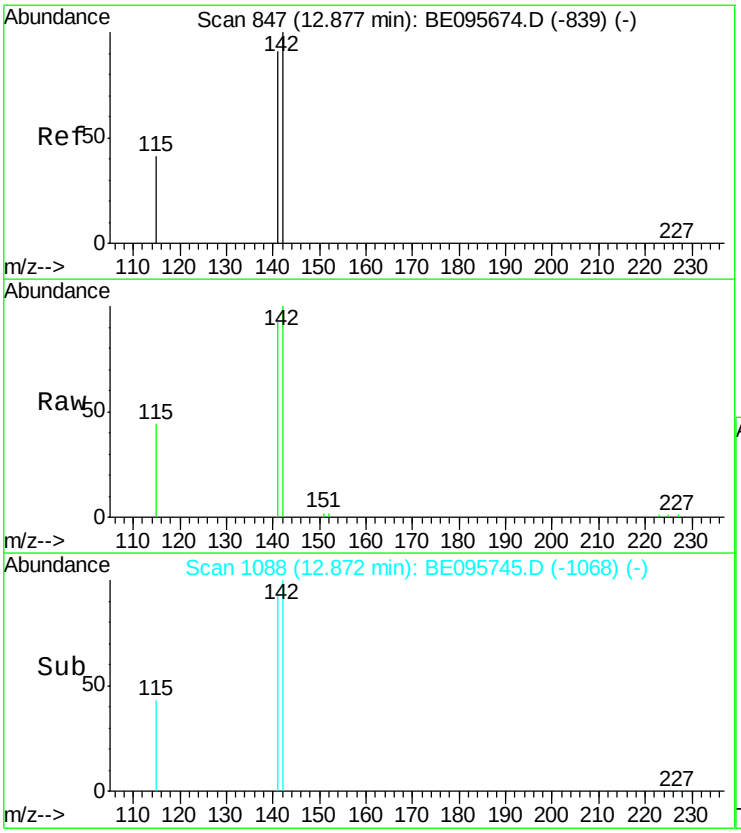
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4099

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

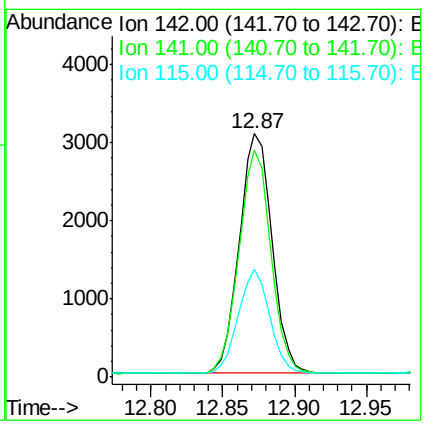


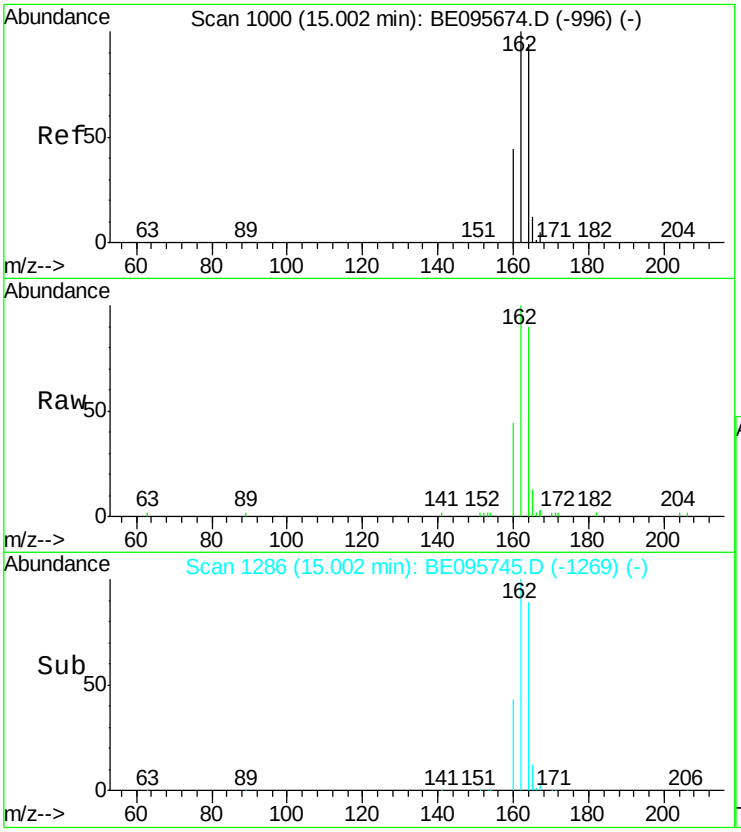


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.87 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:142 Resp: 4863

Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.4	105.6
115	44.1	31.7	47.5



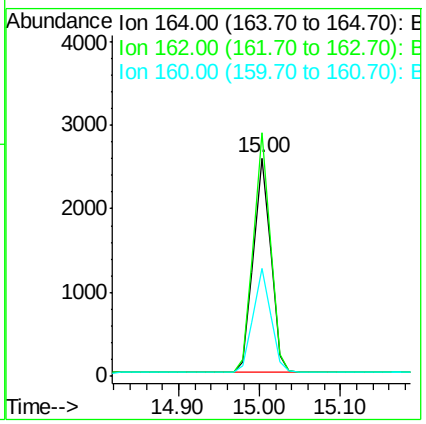


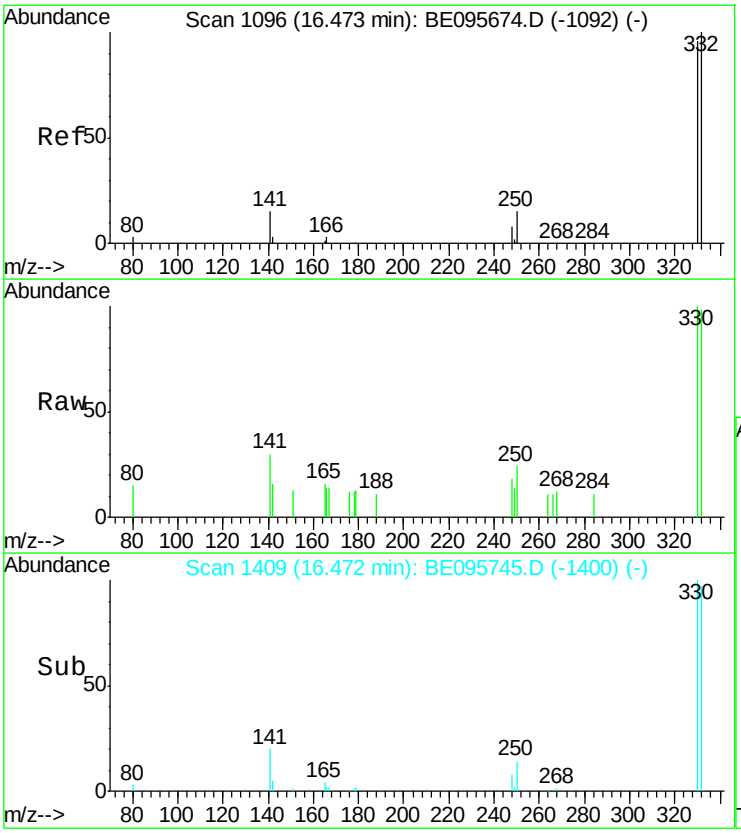
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3846

Ion	Ratio	Lower	Upper
164	100		
162	111.6	83.1	124.7
160	49.3	37.1	55.7

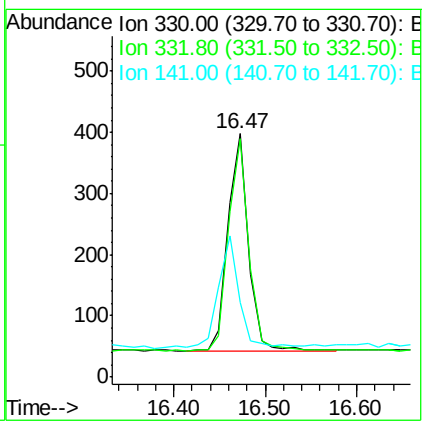


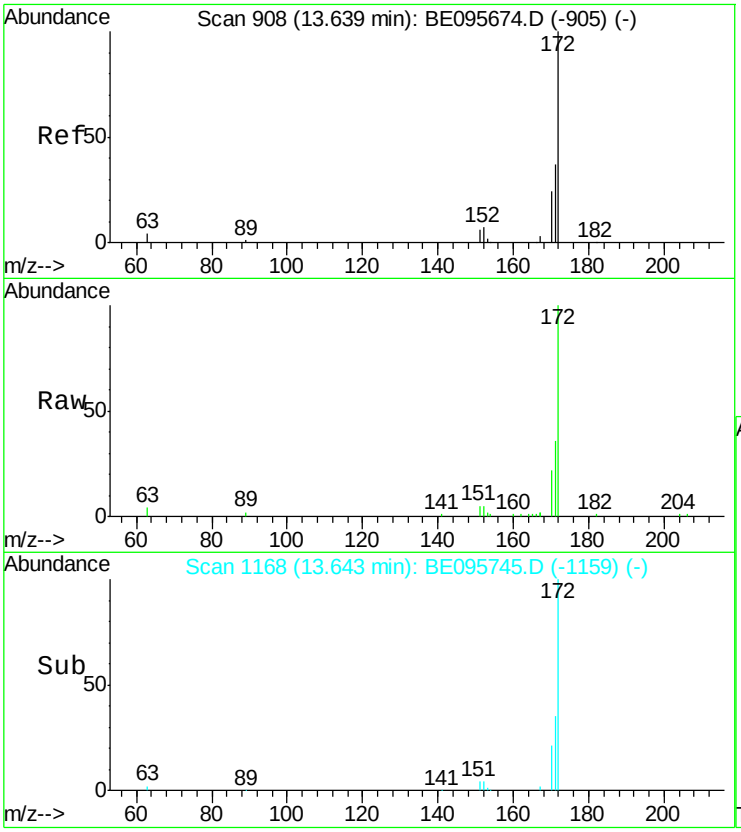


#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:330 Resp: 557

Ion	Ratio	Lower	Upper
330	100		
332	96.6	152.7	229.1#
141	49.9	33.7	50.5



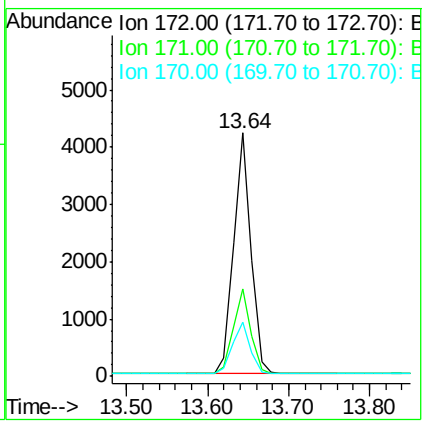


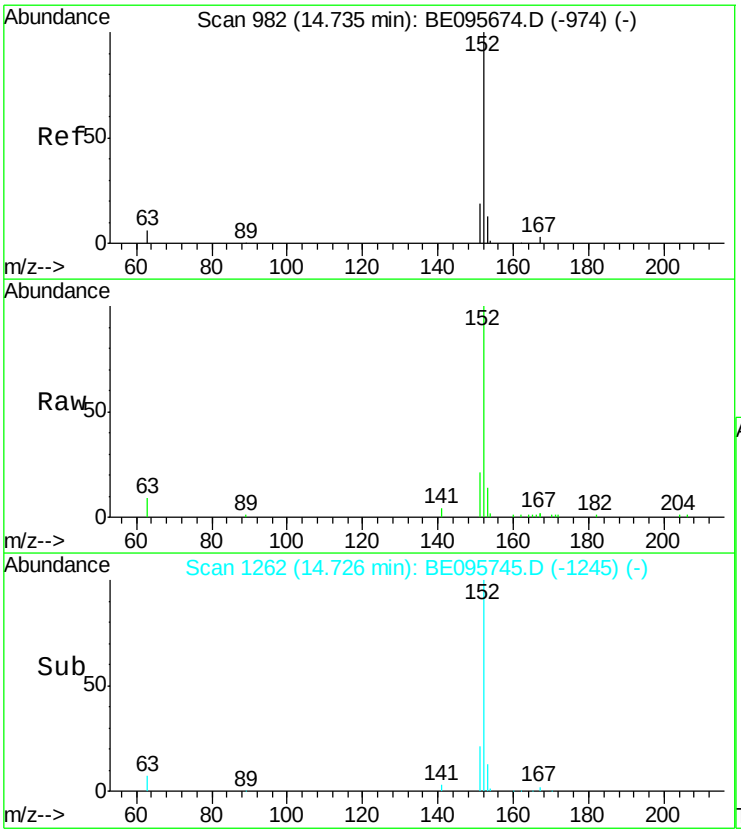
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6226

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	22.2	21.8	32.8

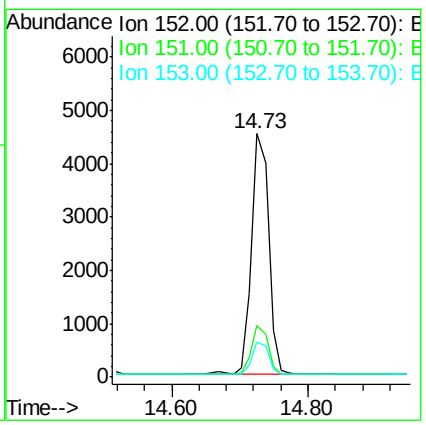


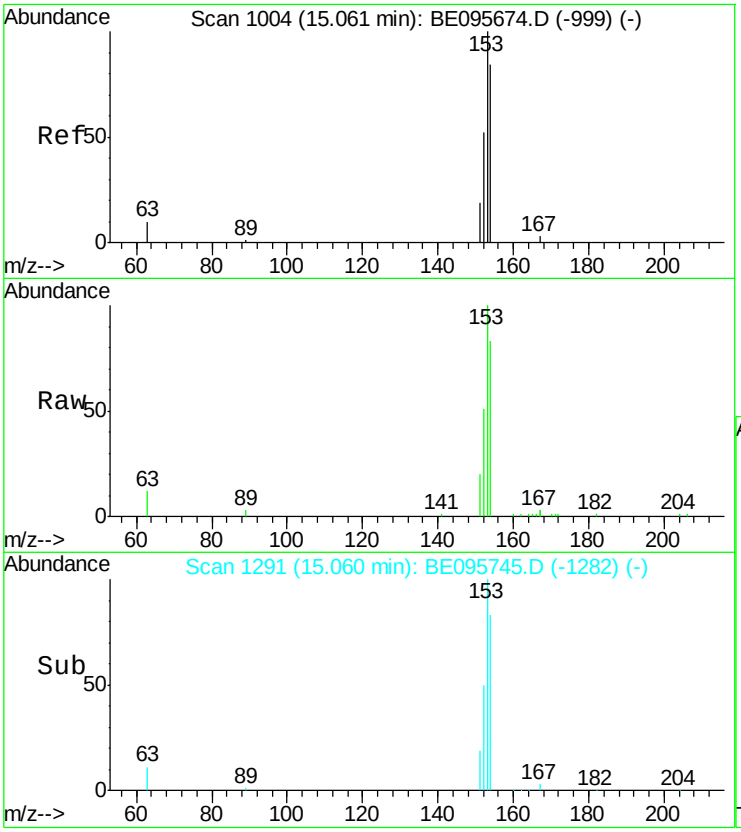


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:152 Resp: 7755

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.4	10.5	15.7



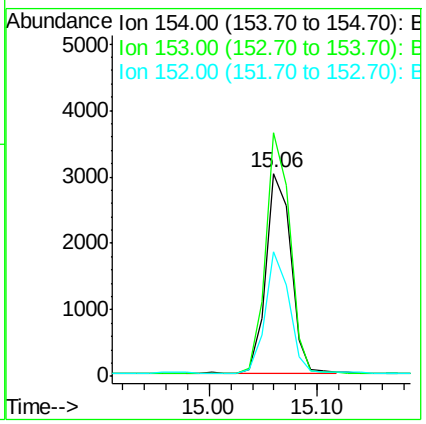


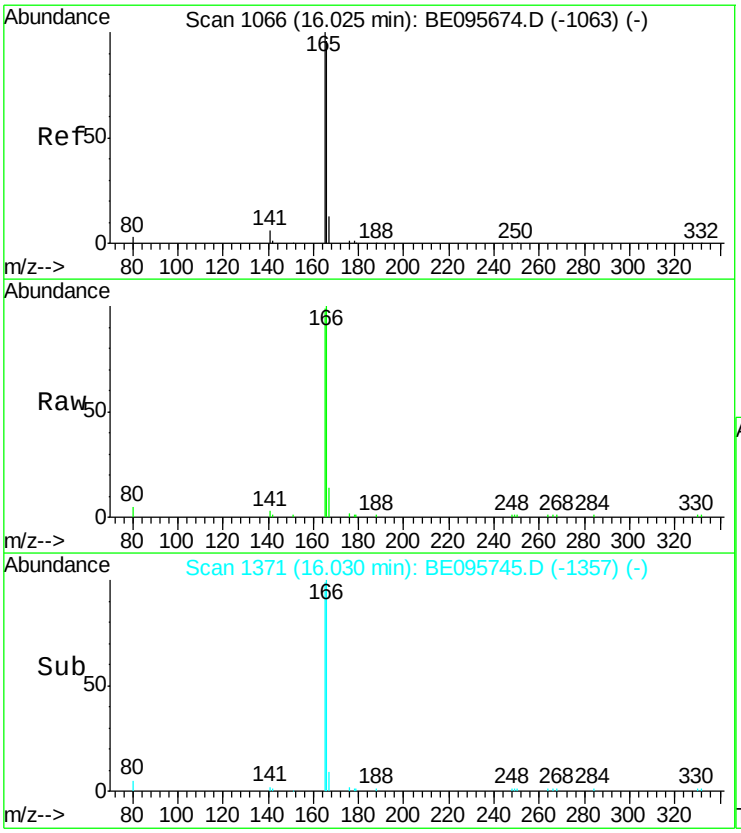
#17
Acenaphthene
Concen: 0.358 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4860

Ion	Ratio	Lower	Upper
154	100		
153	116.6	89.2	133.8
152	58.0	42.0	63.0

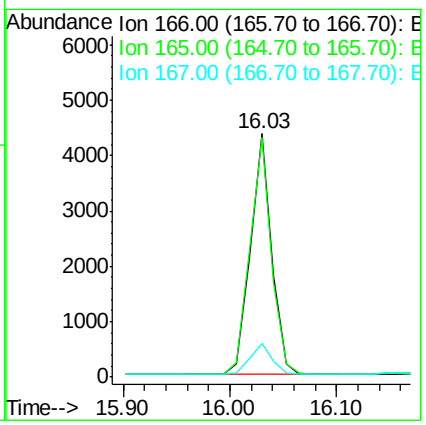


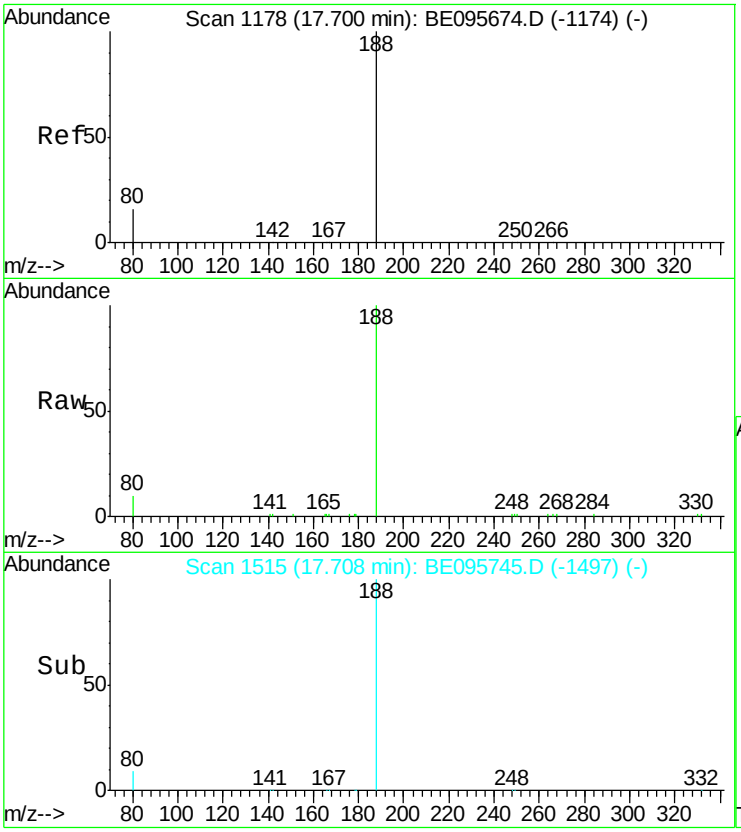


#18
Fluorene
Concen: 0.360 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:166 Resp: 6056

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	13.4	42.4	63.6#



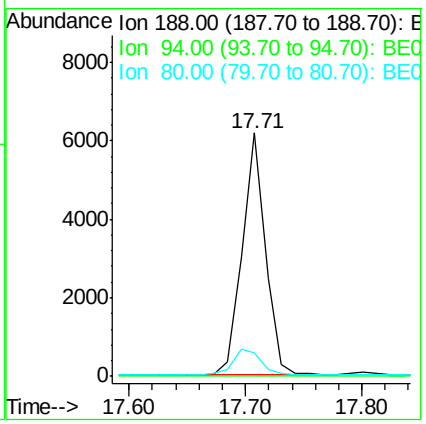


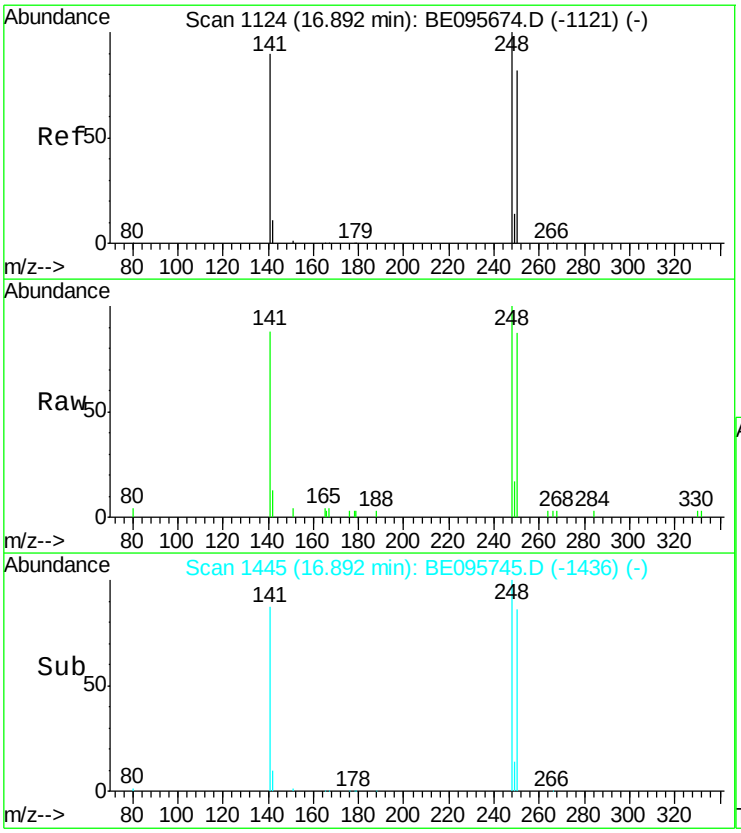
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8577

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.7	3.6	5.4#

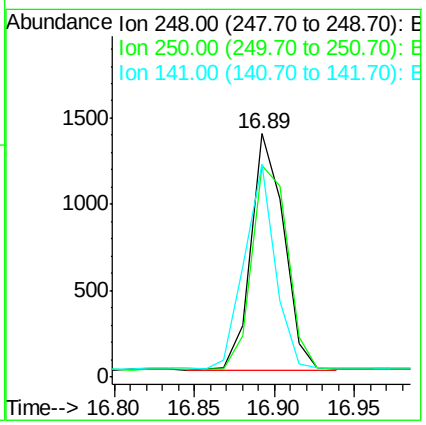


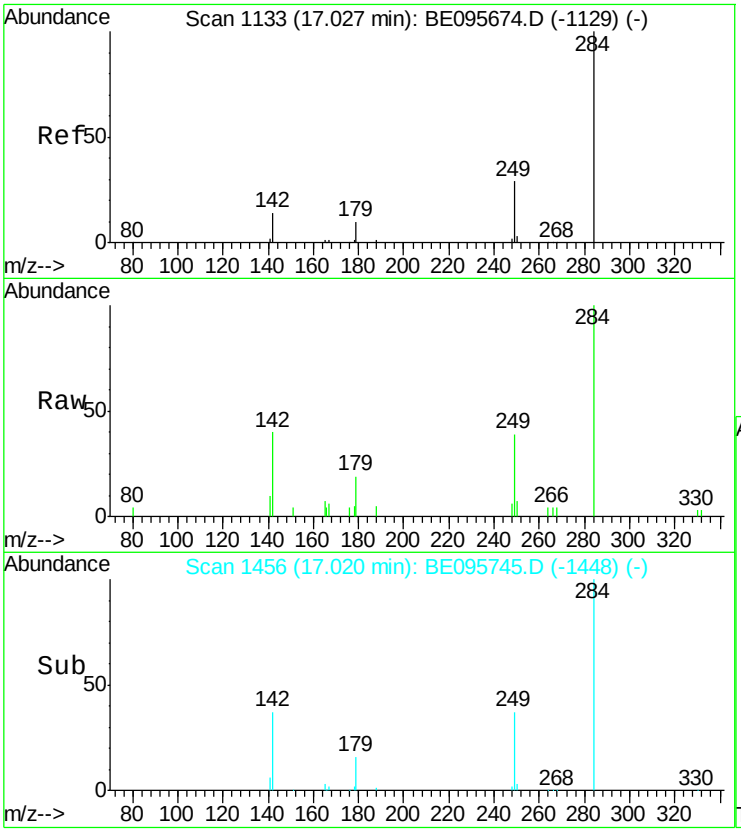


#20
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:248 Resp: 1951

Ion	Ratio	Lower	Upper
248	100		
250	86.8	62.7	94.1
141	87.7	48.2	72.2#



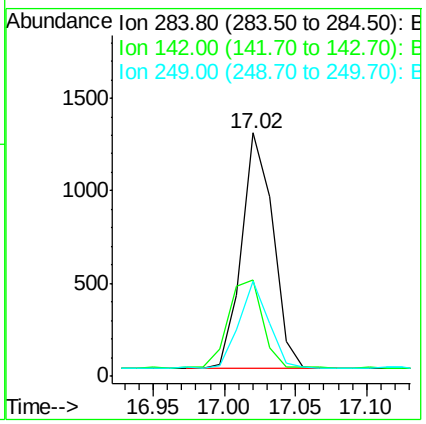


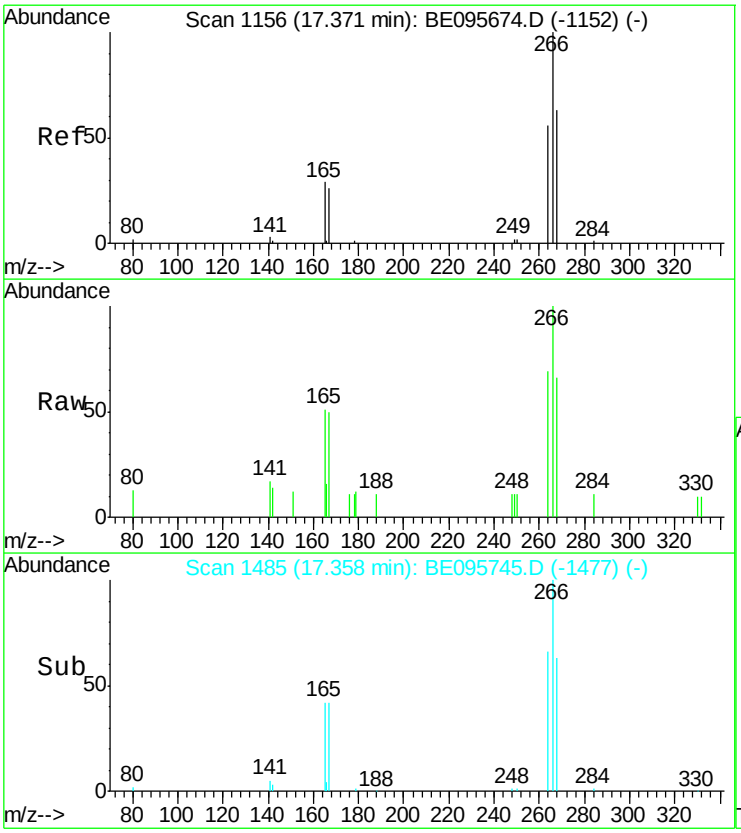
#21
Hexachlorobenzene
Concen: 0.346 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1927

Ion	Ratio	Lower	Upper
284	100		
142	41.6	22.1	33.1#
249	34.8	34.8	52.2#

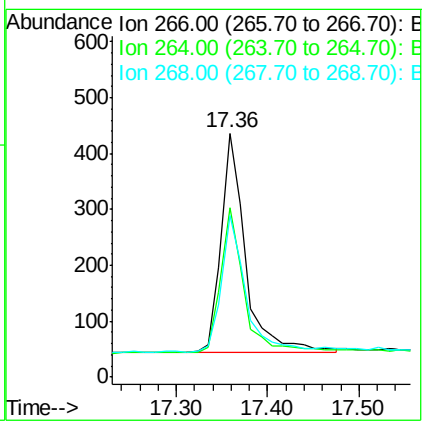


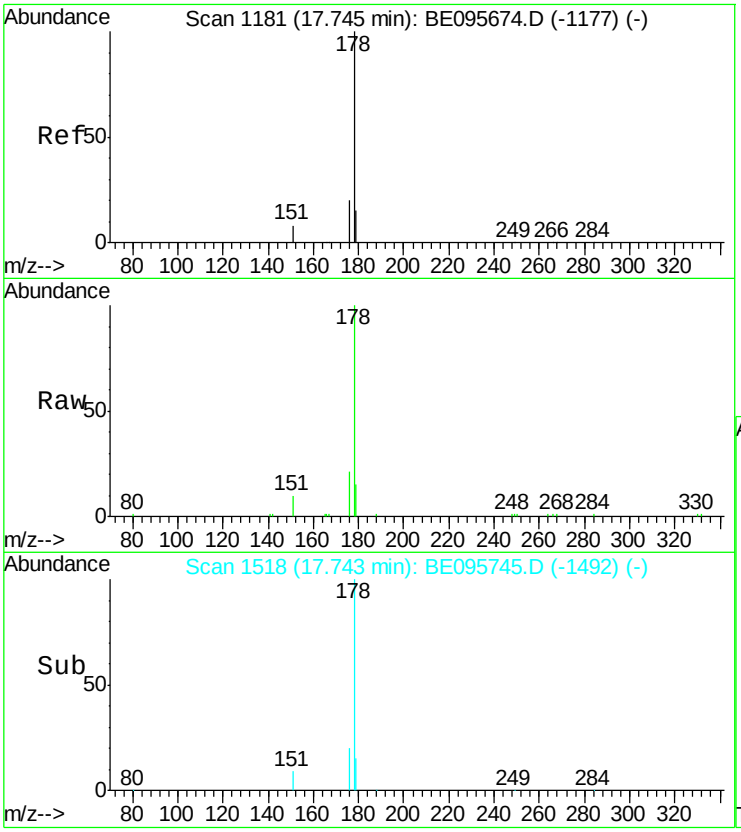


#22
Pentachlorophenol
Concen: 0.532 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:266 Resp: 723

Ion	Ratio	Lower	Upper
266	100		
264	69.5	72.5	108.7#
268	66.3	73.8	110.6#



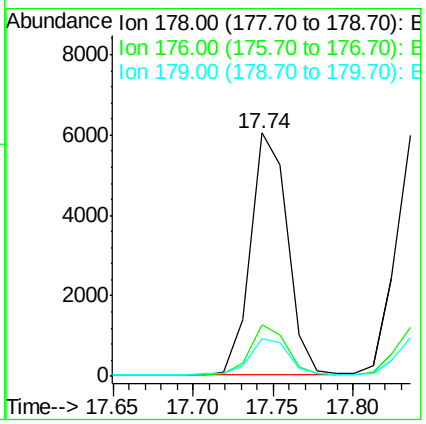


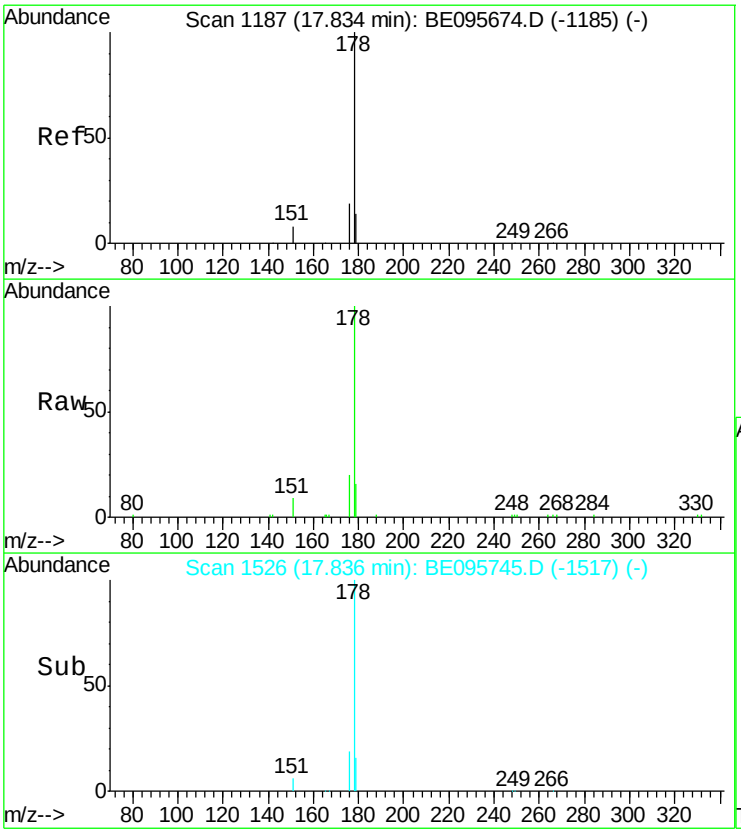
#23
Phenanthrene
Concen: 0.359 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9624

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	14.8	11.8	17.6

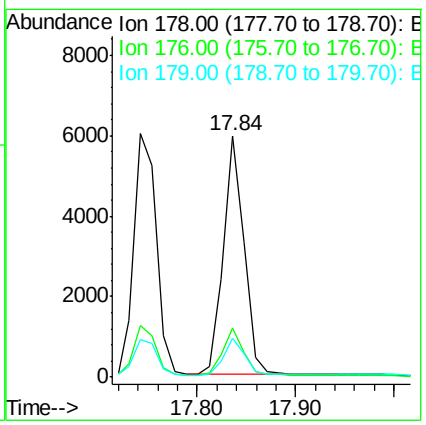


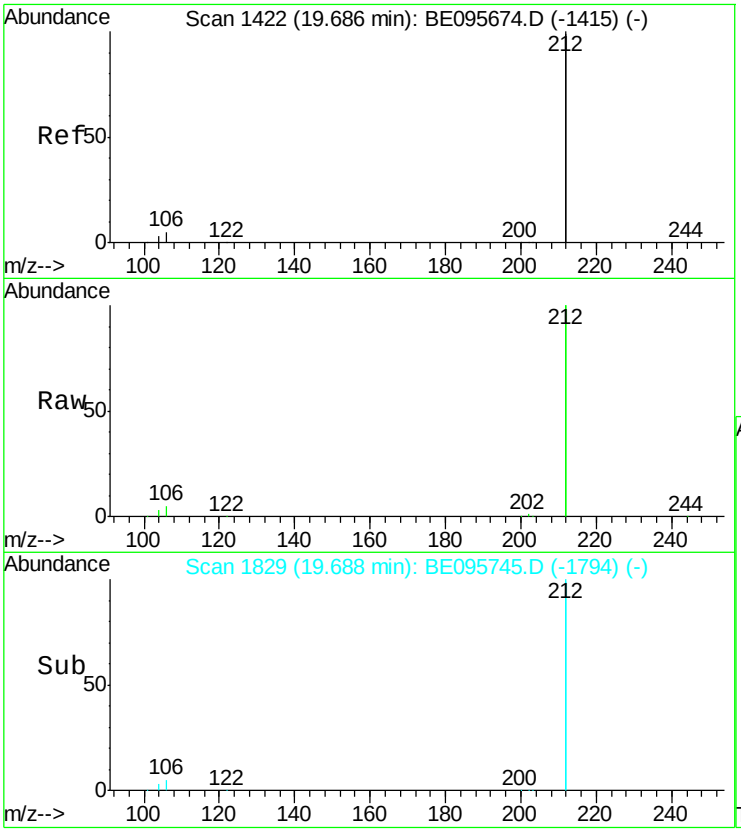


#24
Anthracene
Concen: 0.351 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:178 Resp: 8641

Ion	Ratio	Lower	Upper
178	100		
176	19.6	12.8	19.2#
179	15.6	13.0	19.6



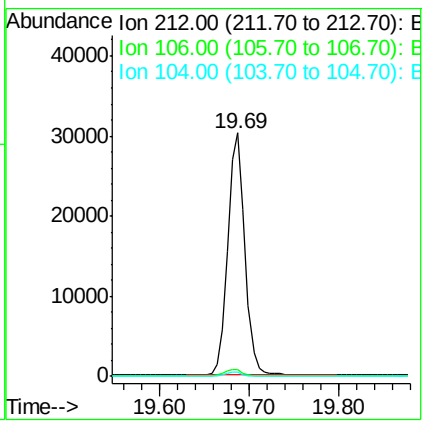


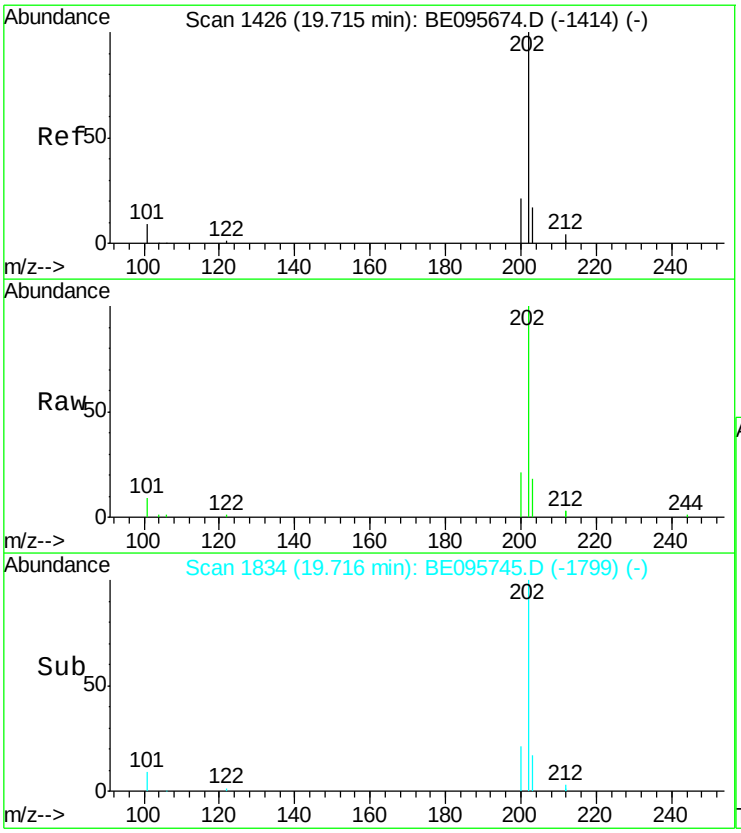
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 39157

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.6	1.6	2.4

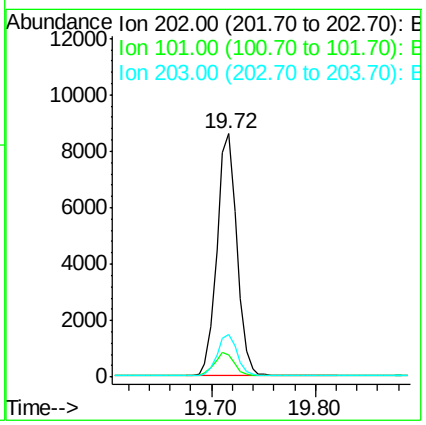


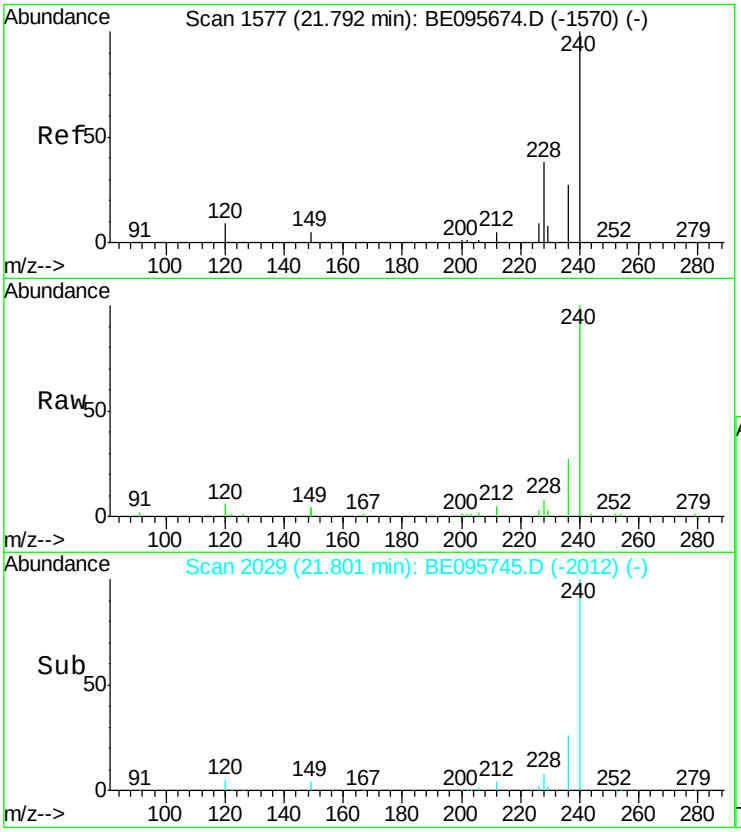


#26
Fluoranthene
Concen: 0.344 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:202 Resp: 11350

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	17.2	13.7	20.5



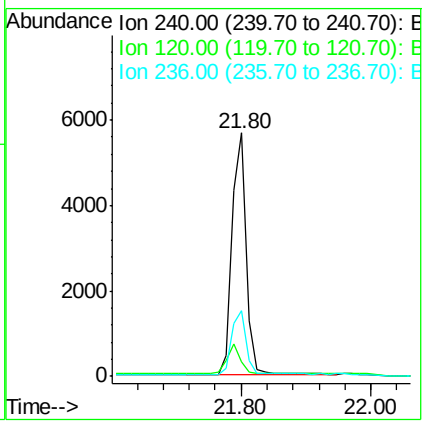


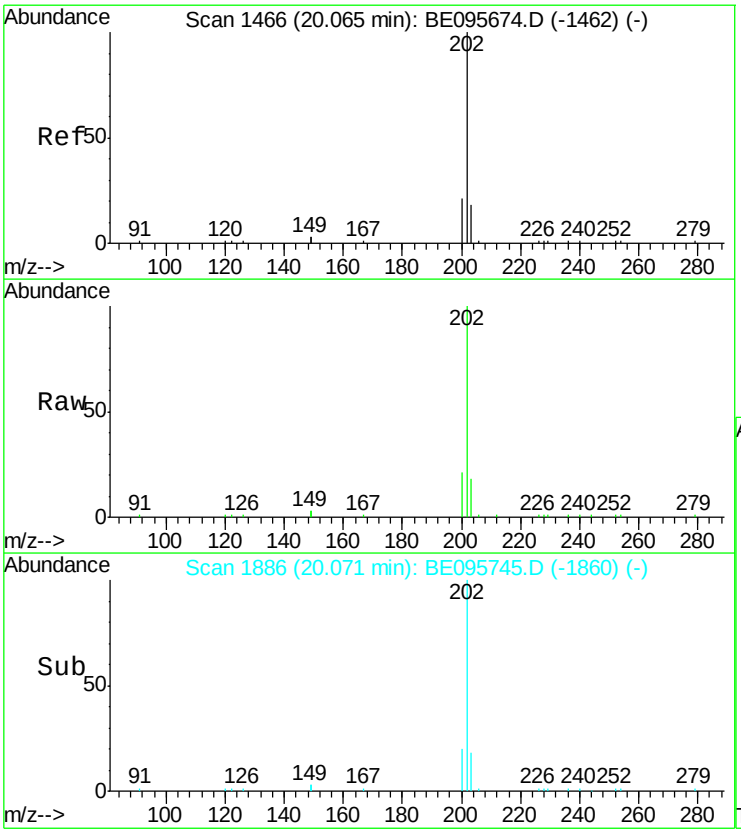
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8722

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.5	8.3
236	26.7	20.7	31.1

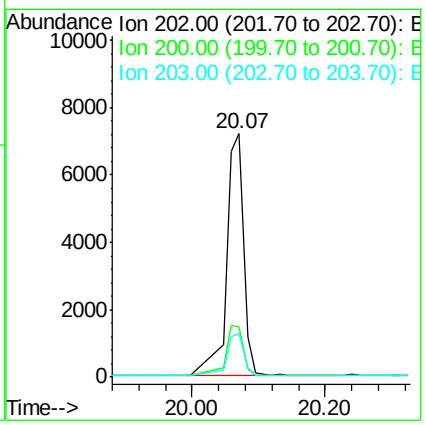


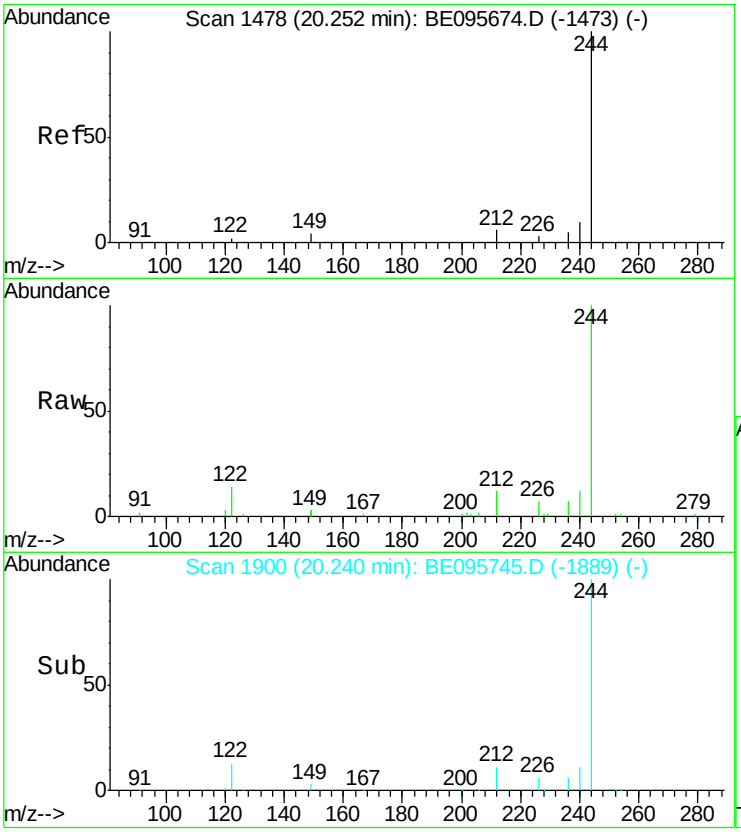


#28
Pyrene
Concen: 0.381 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:202 Resp: 13575

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	16.3	13.8	20.8



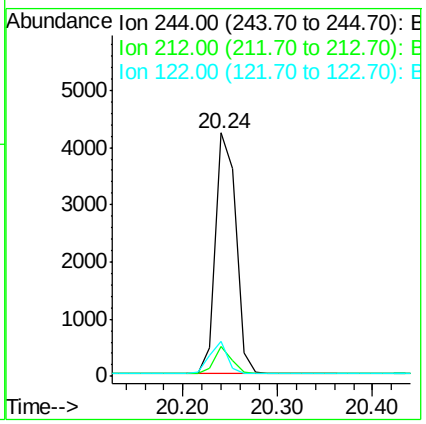


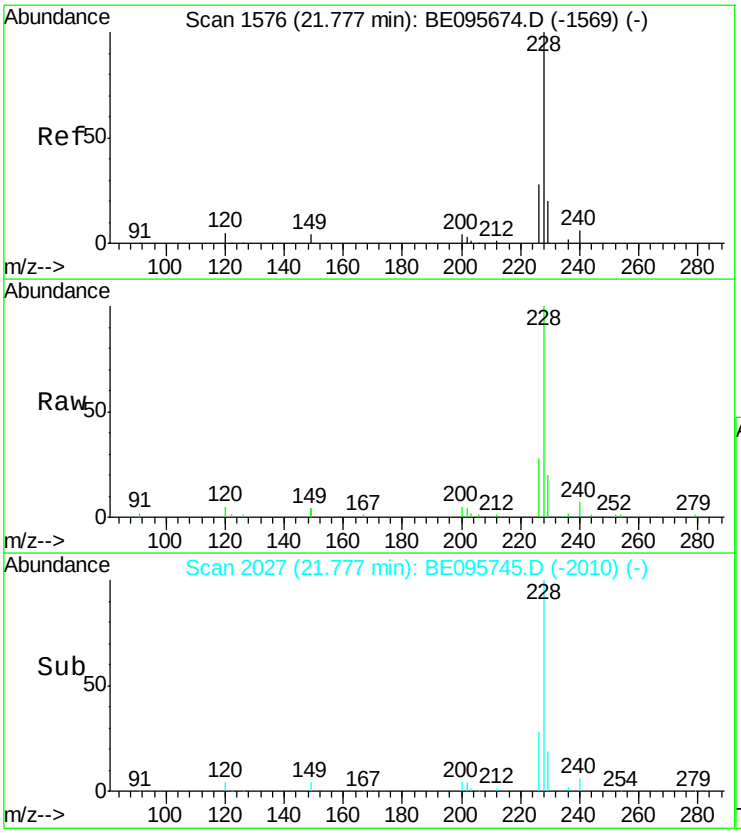
#29
Terphenyl-d14
Concen: 0.364 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6327

Ion	Ratio	Lower	Upper
244	100		
212	12.4	25.4	38.0#
122	14.2	8.1	12.1#

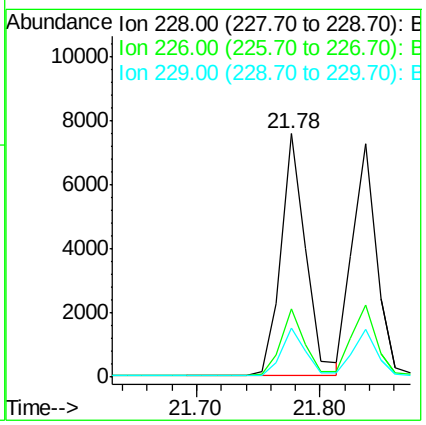


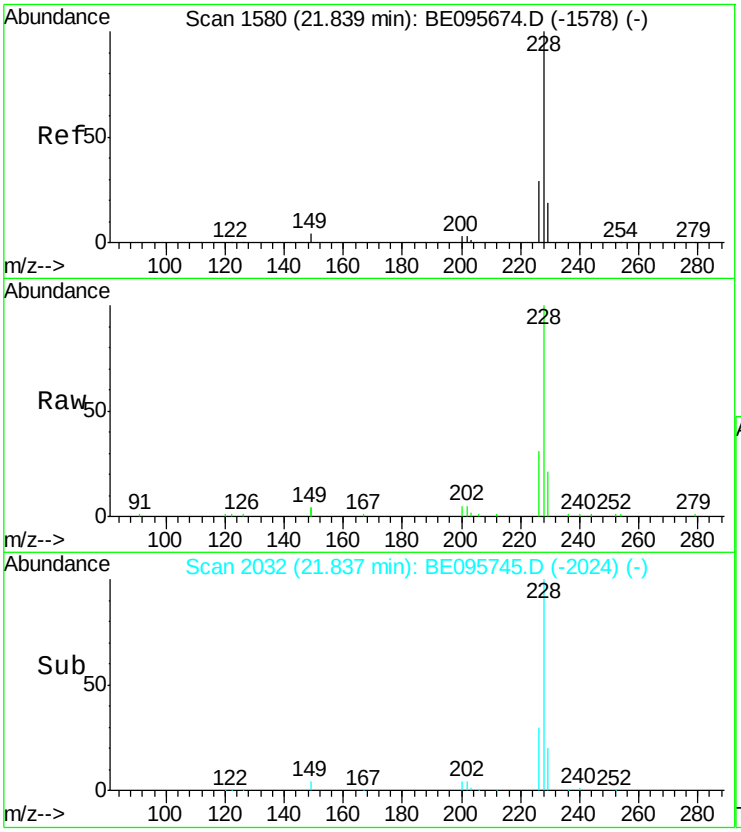


#30
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:228 Resp: 10690

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	19.9	16.0	24.0



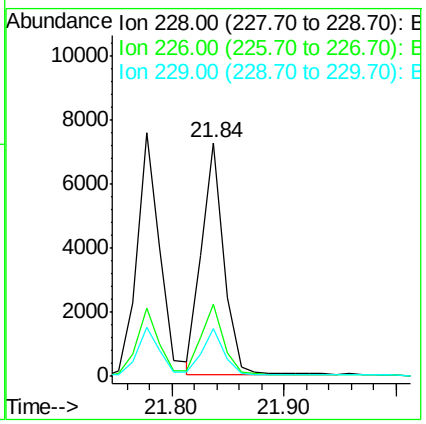


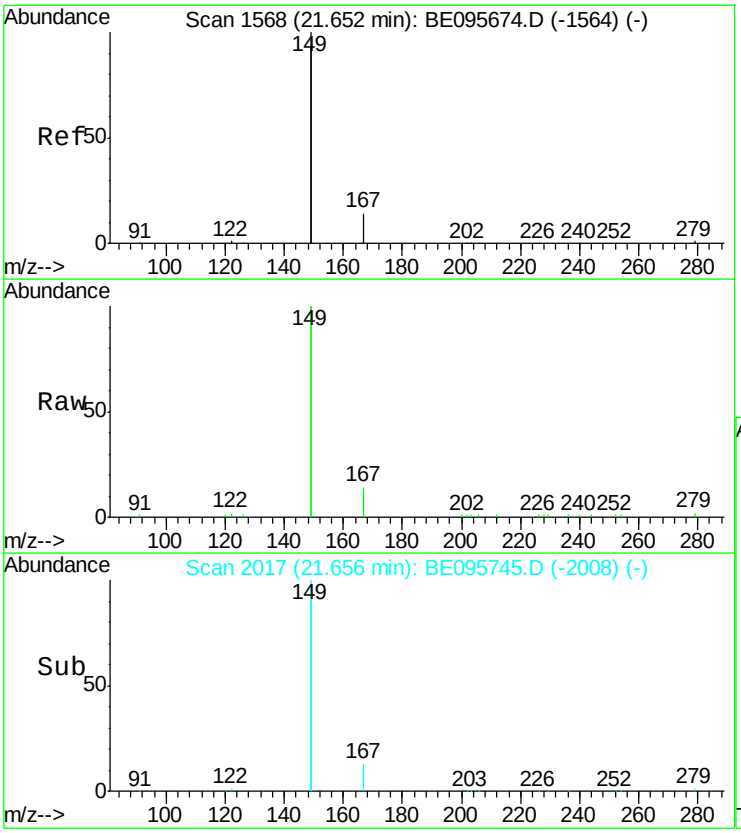
#31
Chrysene
Concen: 0.352 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9962

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	20.7	16.0	24.0

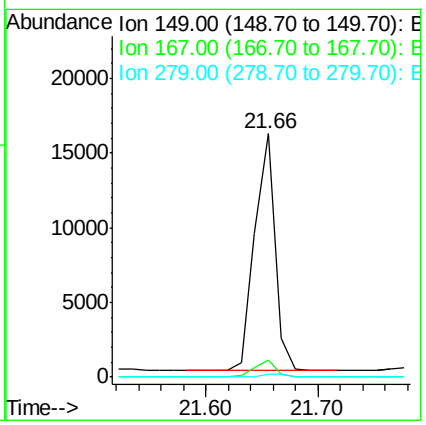


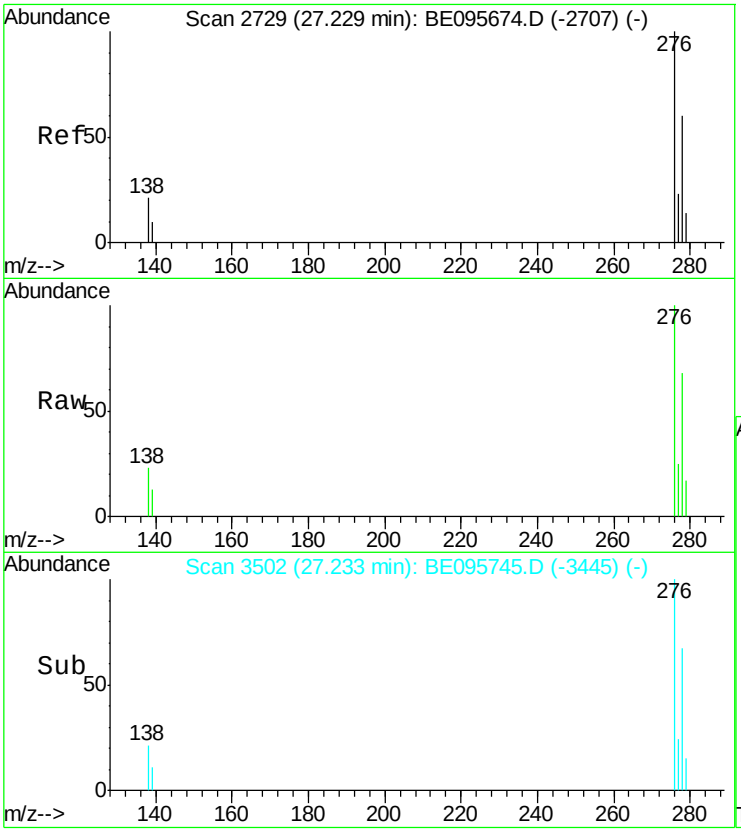


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.403 ng
RT: 21.66 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:149 Resp: 20297

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



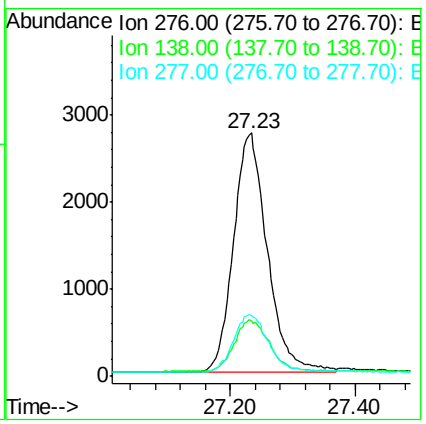


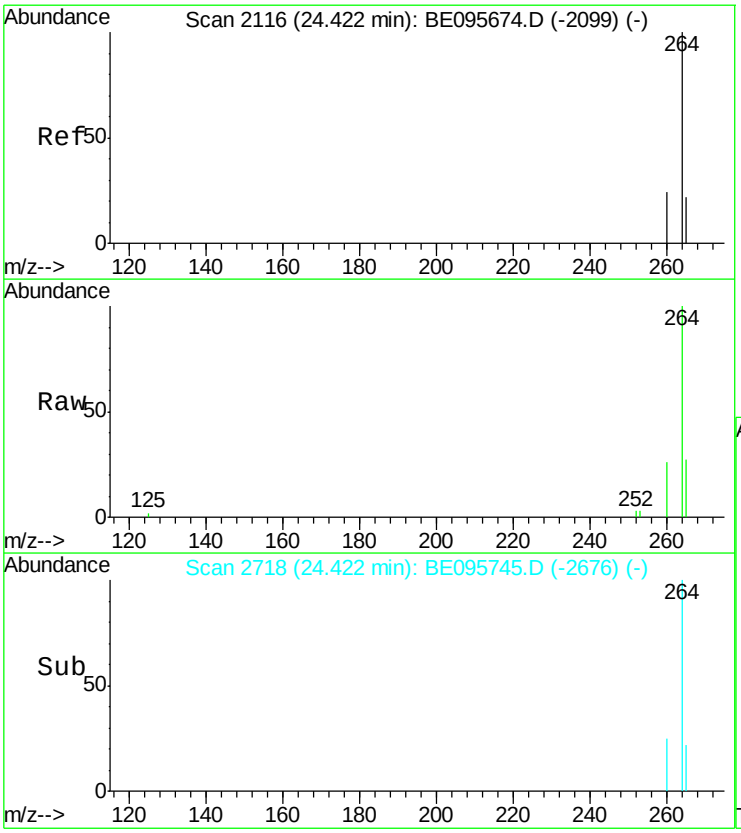
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 27.23 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10366

Ion	Ratio	Lower	Upper
276	100		
138	21.5	22.5	33.7#
277	24.5	19.9	29.9

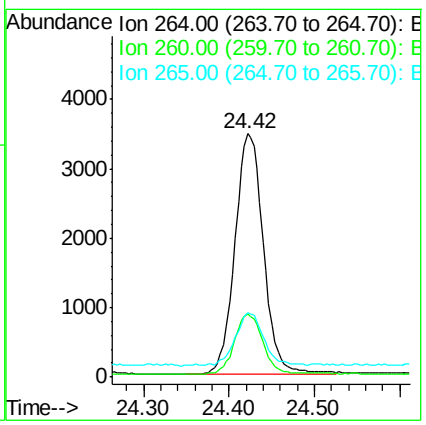


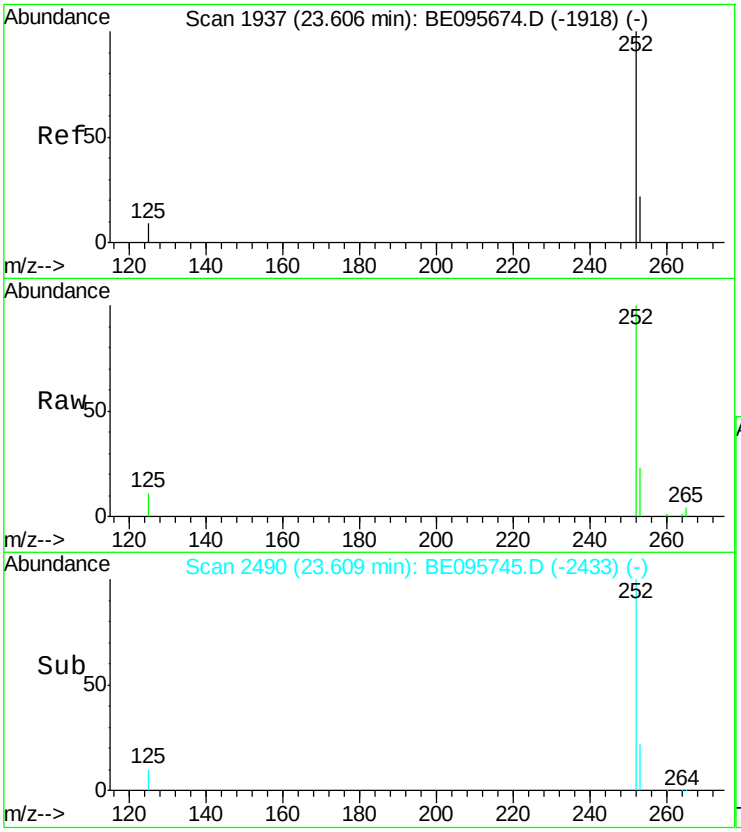


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:264 Resp: 8002

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	26.7	22.8	34.2



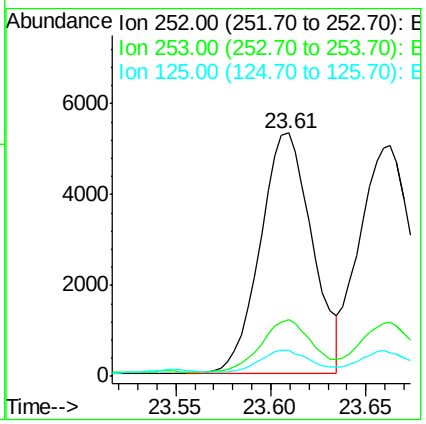


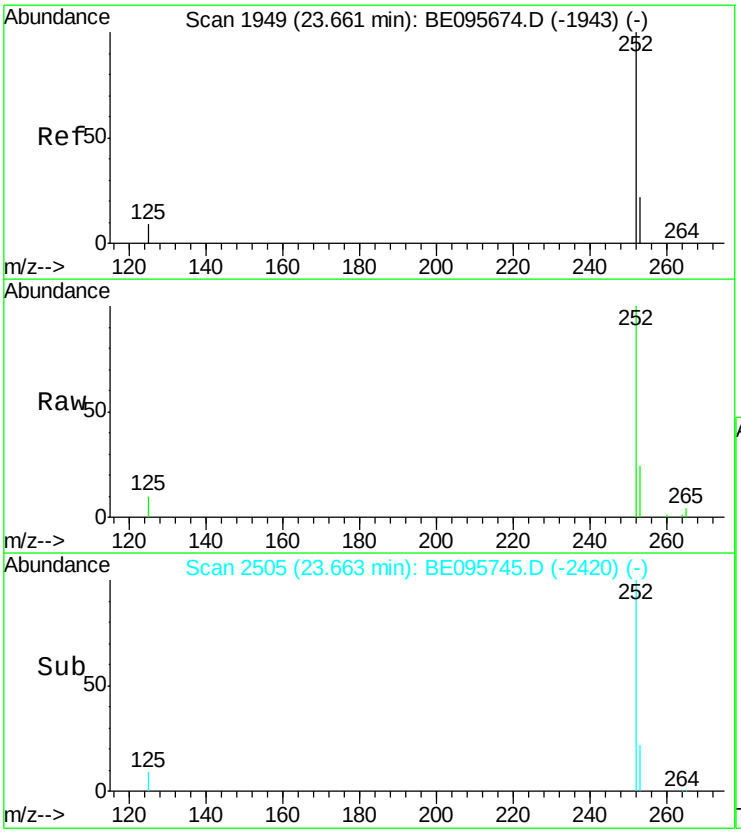
#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10022

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	10.8	16.0	24.0#

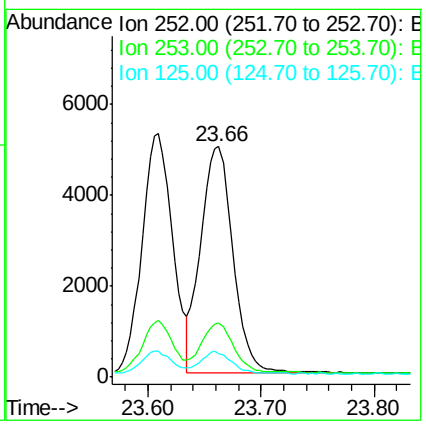


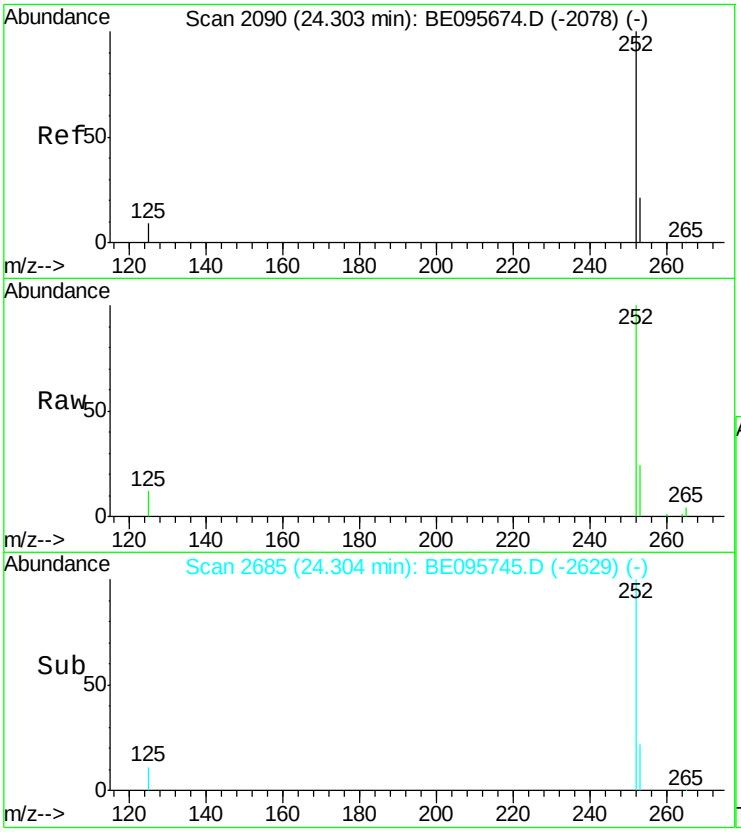


#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.66 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:252 Resp: 9939

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	10.1	8.0	12.0



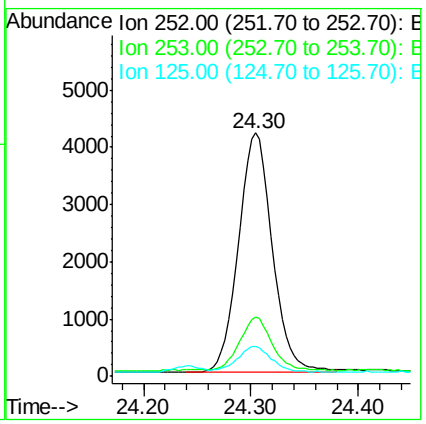


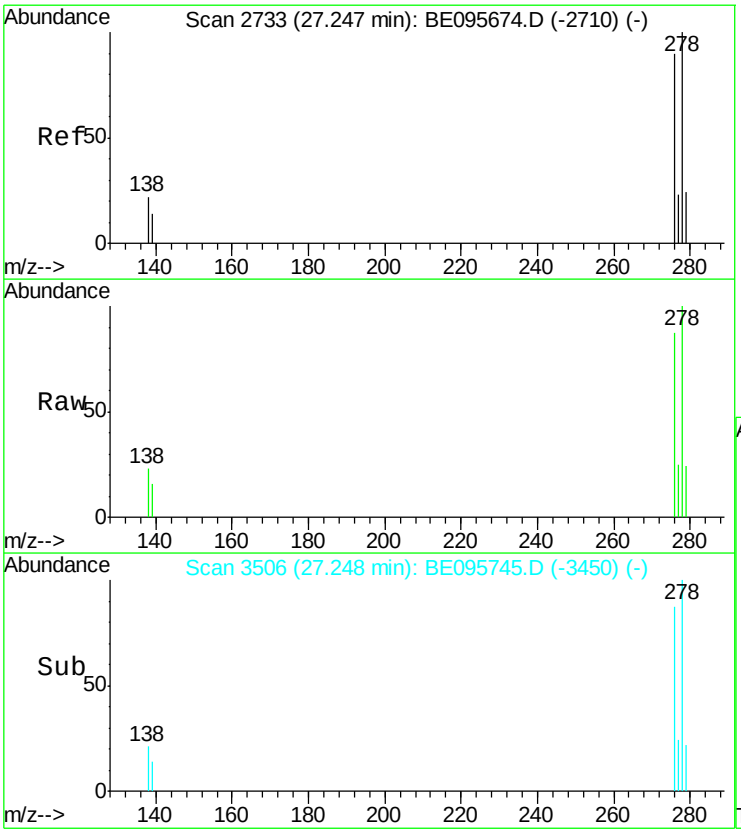
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 24.30 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9120

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	12.2	12.0	18.0

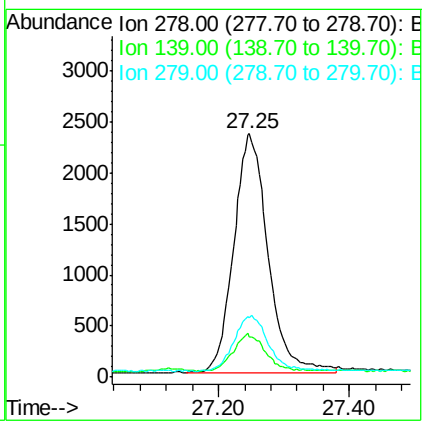


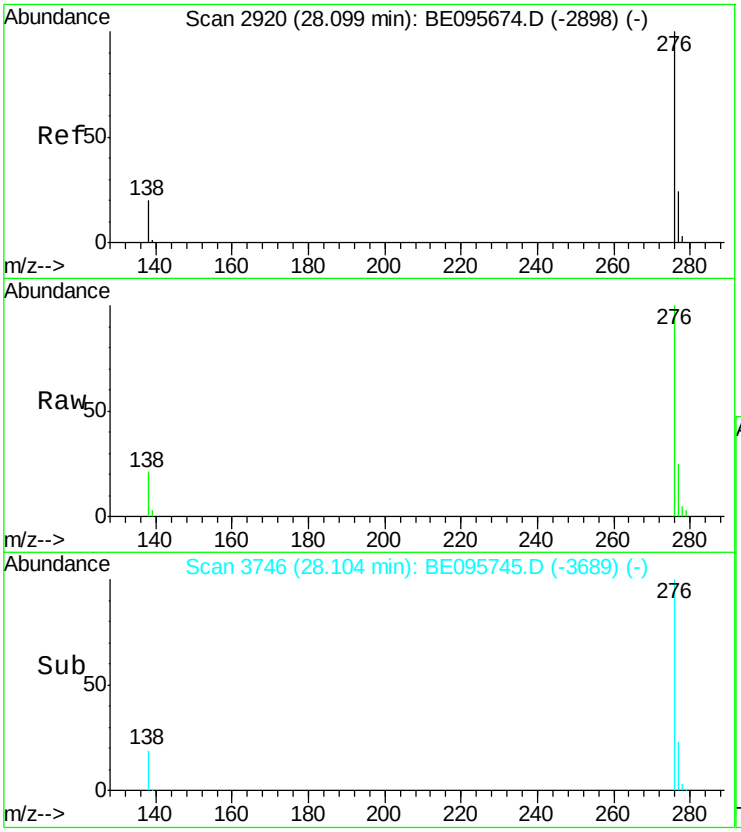


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 27.25 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:278 Resp: 8493

Ion	Ratio	Lower	Upper
278	100		
139	16.4	16.0	24.0
279	24.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.354 ng
RT: 28.10 min Scan# 3746
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8678

Ion	Ratio	Lower	Upper
276	100		
277	24.9	16.0	24.0#
138	21.3	20.0	30.0