Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095846.D
Acq On : 26 Mar 2018 18:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 27 05:42:28 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1087	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4213	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2519	0.40	ng		0.00
19) Phenanthrene-d10	17.70	188	6556	0.40	ng		-0.01
27) Chrysene-d12	21.79	240	7828	0.40	ng		-0.01
34) Perylene-d12	24.41	264	7302	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	1380	0.39	ng		0.00
5) Phenol-d6	7.56	99	1961	0.40	ng		0.00
8) Nitrobenzene-d5	9.59	82	1985	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.79	152	2873	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	16.46	330	581	0.40	ng		-0.01
15) 2-Fluorobiphenyl	13.63	172	4285	0.40	ng		-0.01
25) Fluoranthene-d10	19.68	212	38927	0.40	ng		0.00
29) Terphenyl-d14	20.24	244	6504	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	683	0.384	ng		91
3) n-Nitrosodimethylamine	3.99	42	1016	0.389	ng		81
6) bis(2-Chloroethyl)ether	7.81	93	1735	0.408	ng		91
9) Naphthalene	11.30	128	19585	0.407	ng		99
10) Hexachlorobutadiene	11.56	225	1290	0.390	ng		98
12) 2-Methylnaphthalene	12.87	142	3359	0.409	ng		98
16) Acenaphthylene	14.72	152	5733	0.398	ng		98
17) Acenaphthene	15.06	154	3521	0.401	ng		94
18) Fluorene	16.02	166	4624	0.400	ng	#	76
20) 4-Bromophenyl-phenylether	16.89	248	1513	0.384	ng	#	83
21) Hexachlorobenzene	17.02	284	1555	0.395	ng	#	80
22) Pentachlorophenol	17.36	266	462	0.442	ng	#	75
23) Phenanthrene	17.74	178	7962	0.406	ng		99
24) Anthracene	17.84	178	7690	0.392	ng		95
26) Fluoranthene	19.71	202	10982	0.403	ng		98
28) Pyrene	20.06	202	12716	0.399	ng		92
30) Benzo(a)anthracene	21.78	228	11000	0.405	ng		96
31) Chrysene	21.82	228	10121	0.409	ng		96
32) Bis(2-ethylhexyl)phthalate	21.64	149	30488	0.367	ng		100
33) Indeno(1,2,3-cd)pyrene	27.22	276	10649	0.399	ng	#	94
35) Benzo(b)fluoranthene	23.60	252	10098	0.418	ng	#	92
36) Benzo(k)fluoranthene	23.66	252	10048	0.416	ng	#	92
37) Benzo(a)pyrene	24.30	252	9317	0.411	ng	#	92
38) Dibenzo(a,h)anthracene	27.23	278	8887	0.413	ng		97
39) Benzo(g,h,i)perylene	28.10	276	9016	0.417	ng	#	90

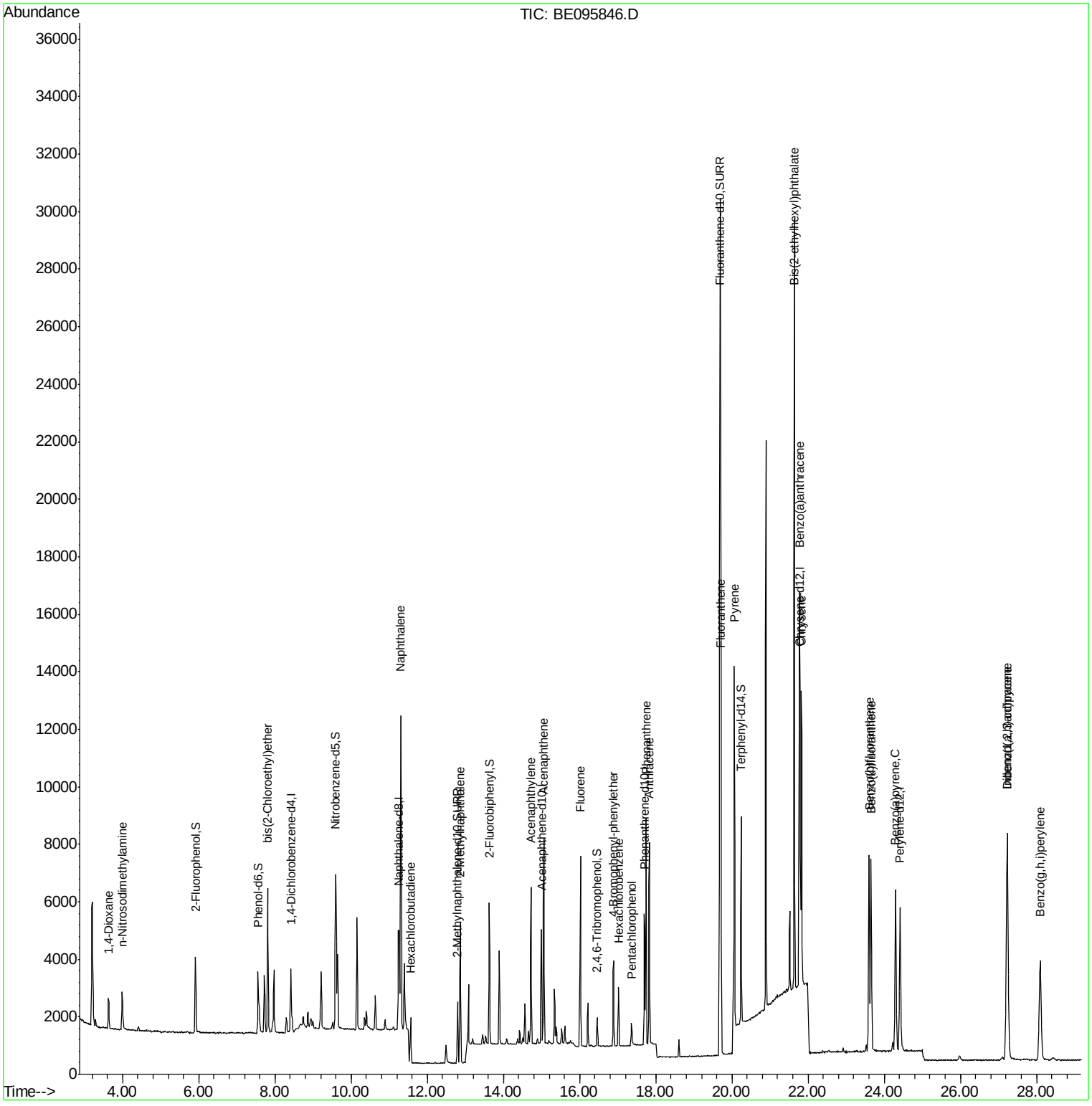
(#) = qualifier out of range (m) = manual integration (+) = signals summed

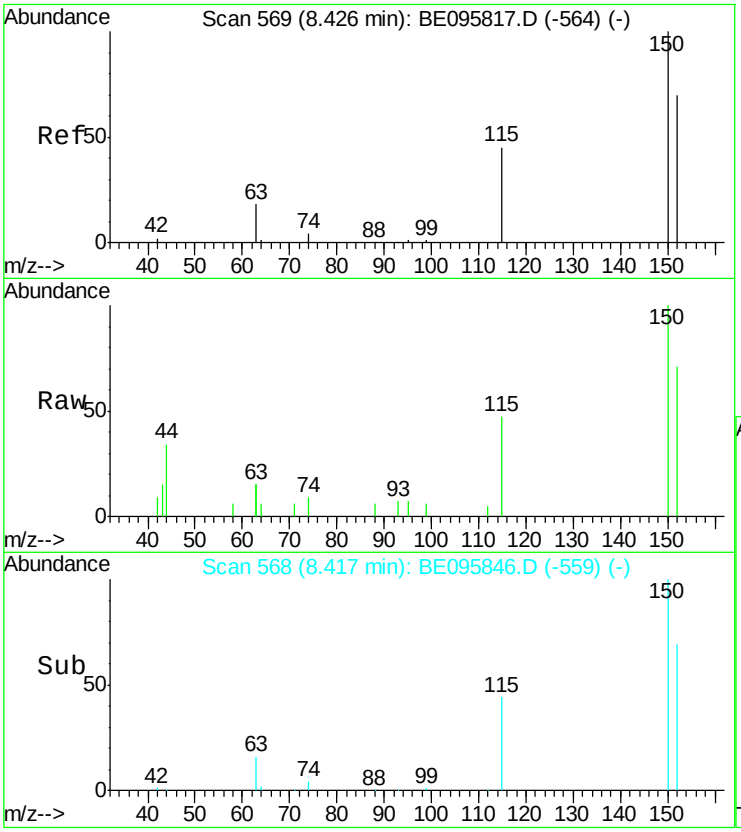
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095846.D
Acq On : 26 Mar 2018 18:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 05:42:28 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



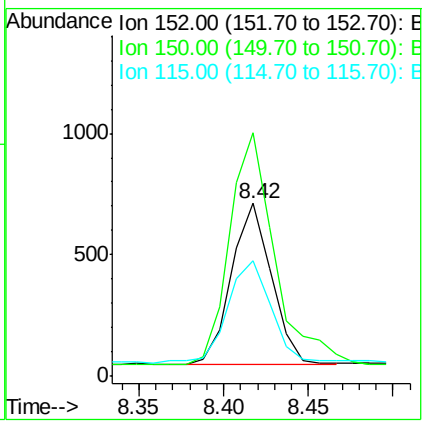


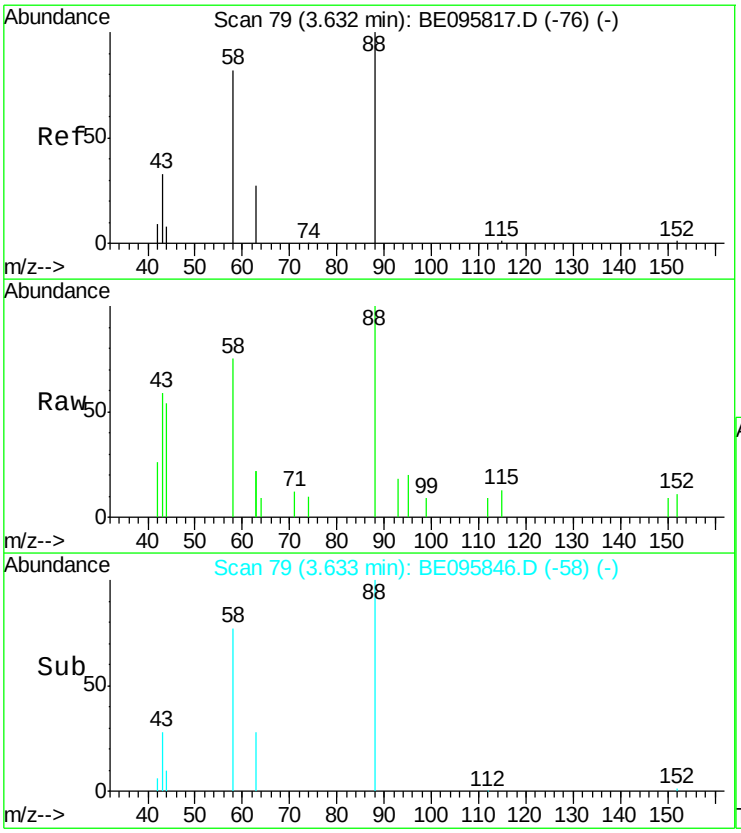
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1087

Ion	Ratio	Lower	Upper
152	100		
150	140.9	117.2	175.8
115	66.8	57.0	85.6

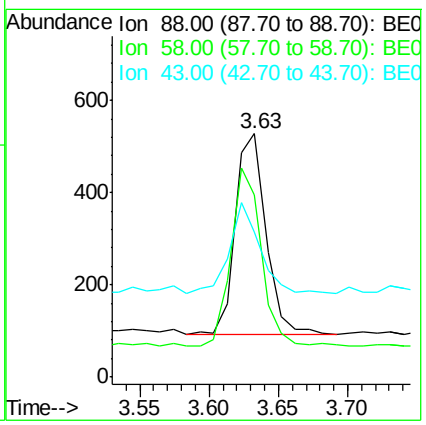


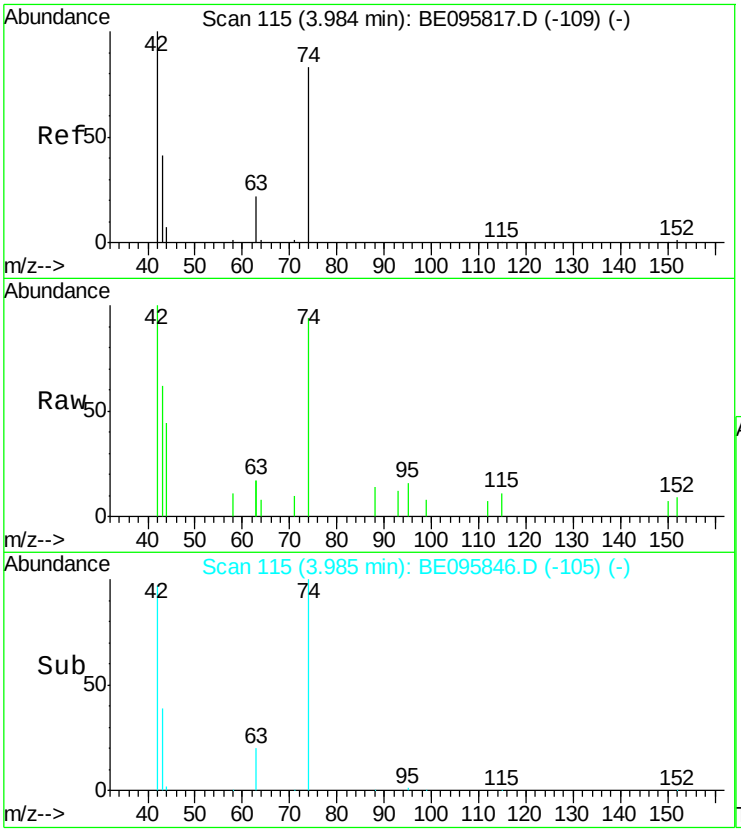


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion: 88 Resp: 683

Ion	Ratio	Lower	Upper
88	100		
58	86.5	63.2	94.8
43	44.4	41.2	61.8



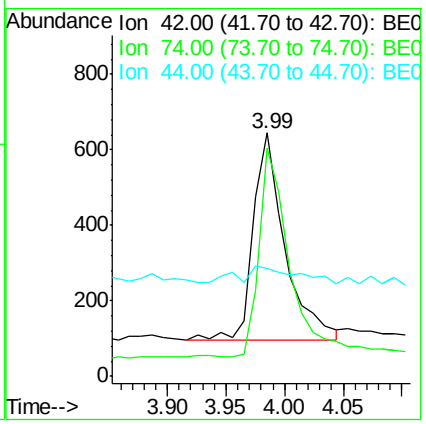


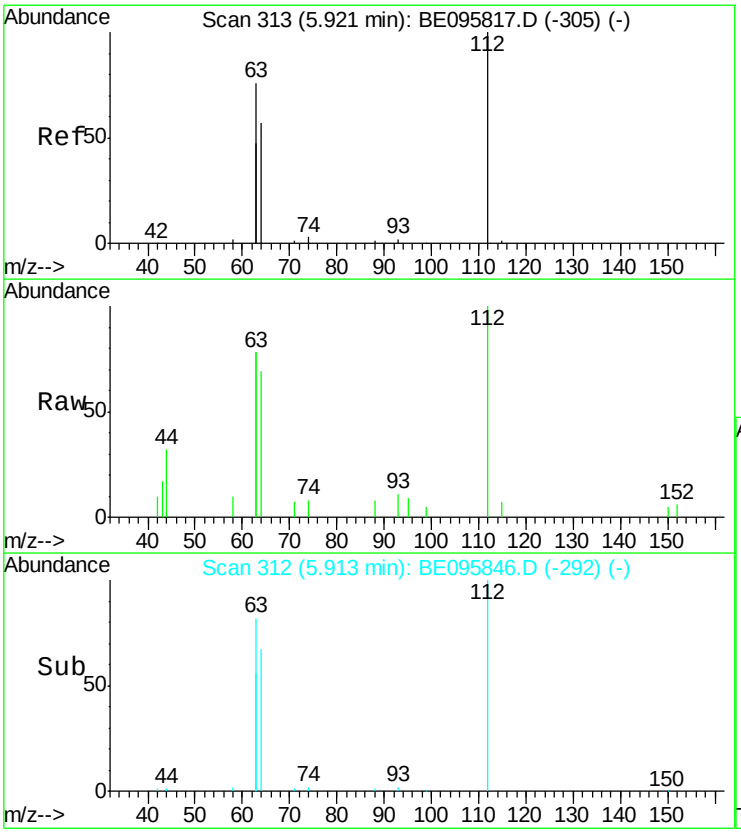
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1016

Ion	Ratio	Lower	Upper
42	100		
74	96.8	96.0	144.0
44	14.3	12.0	18.0

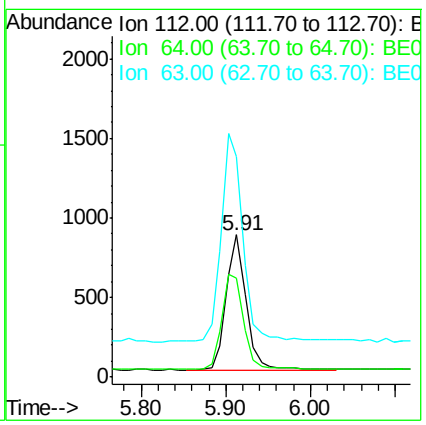


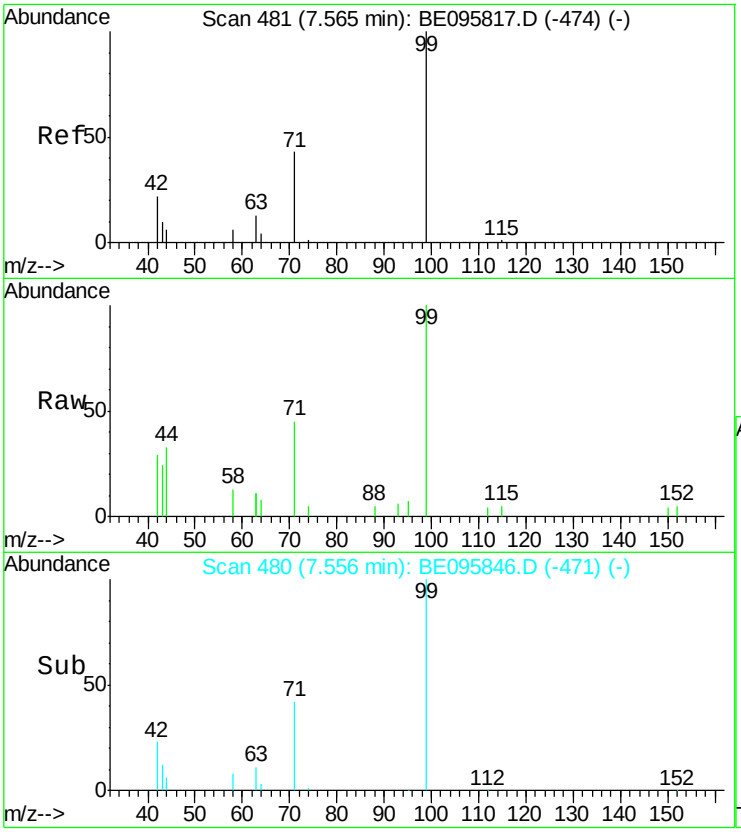


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:112 Resp: 1380

Ion	Ratio	Lower	Upper
112	100		
64	76.7	60.1	90.1
63	171.6	116.8	175.2



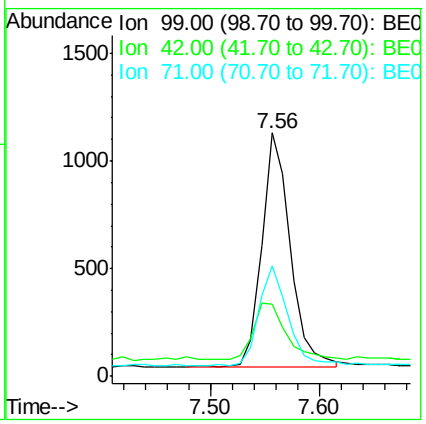


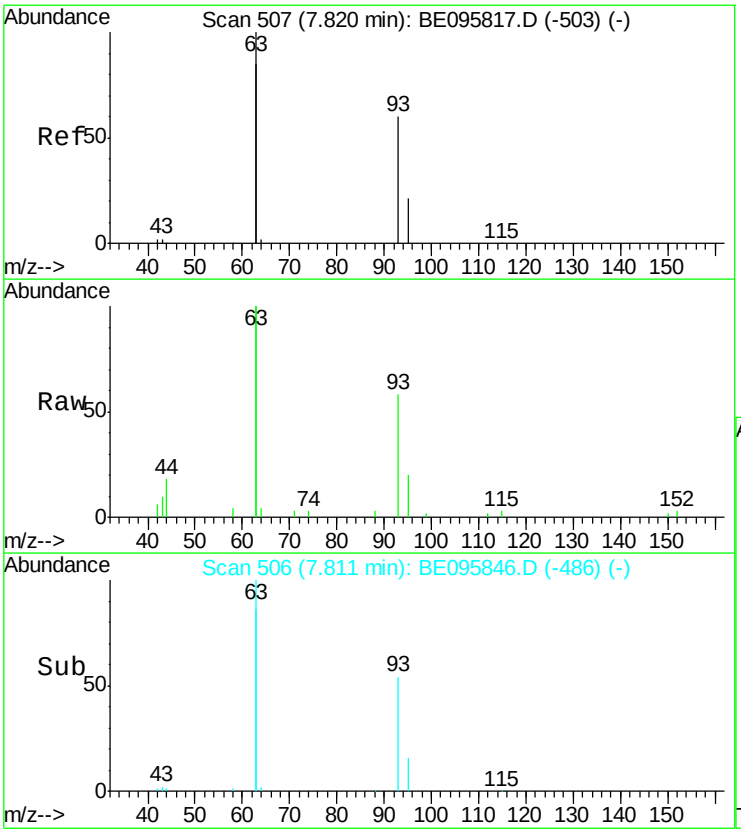
#5
Phenol-d6
Concen: 0.398 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1961

Ion	Ratio	Lower	Upper
99	100		
42	27.4	20.2	30.2
71	42.5	28.4	42.6

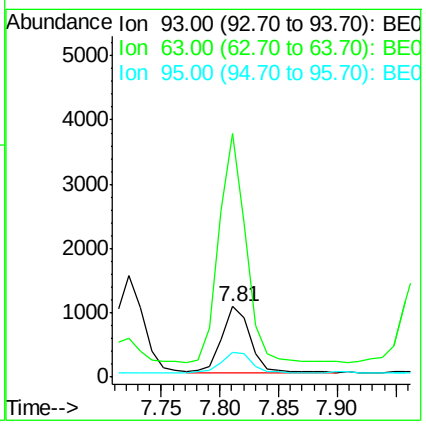


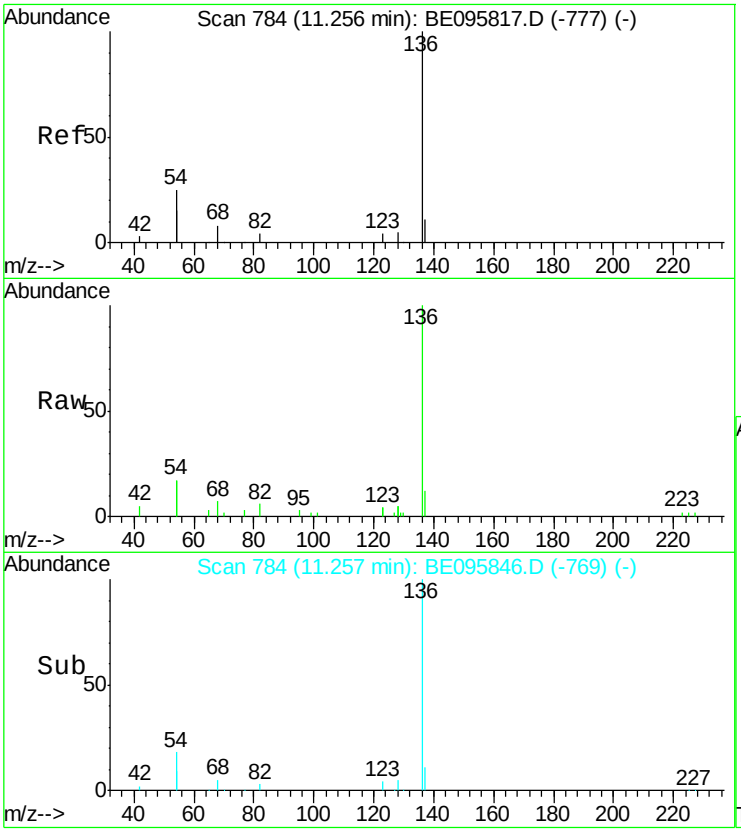


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.81 min Scan# 506
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion: 93 Resp: 1735

Ion	Ratio	Lower	Upper
93	100		
63	324.3	275.3	412.9
95	32.2	25.2	37.8



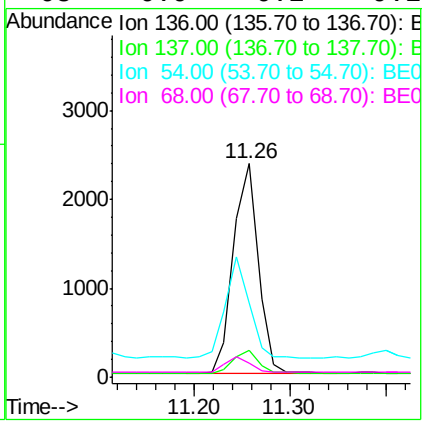


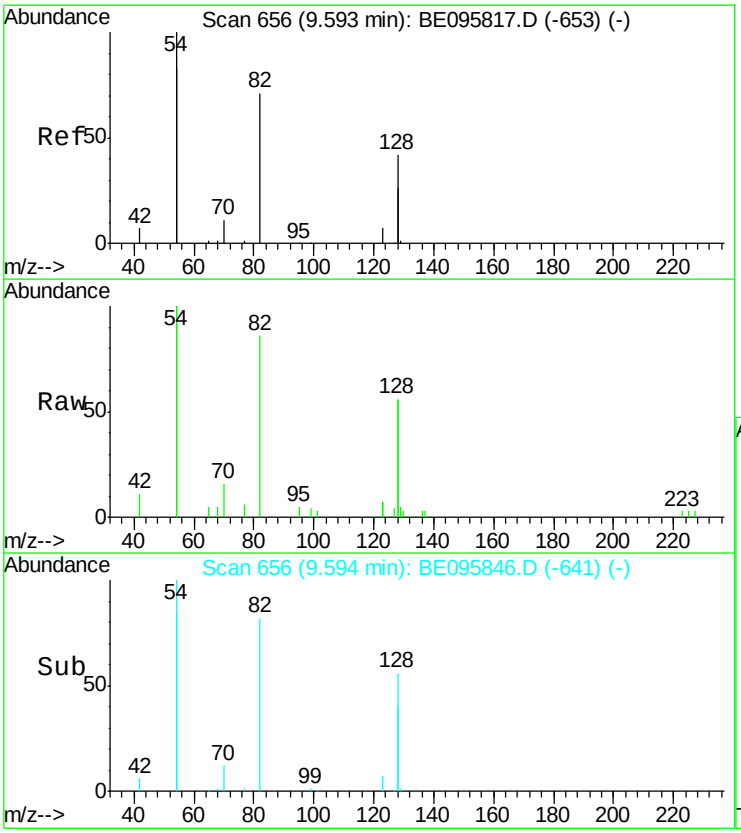
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4213

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	34.5	29.1	43.7
68	6.9	6.2	9.2

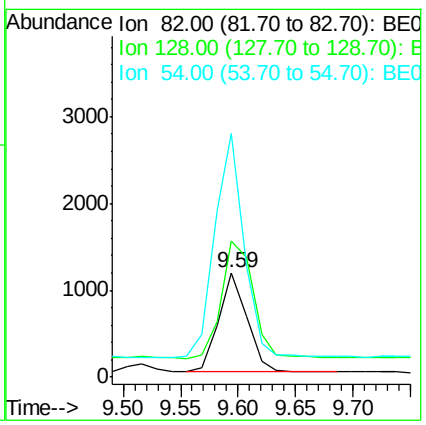


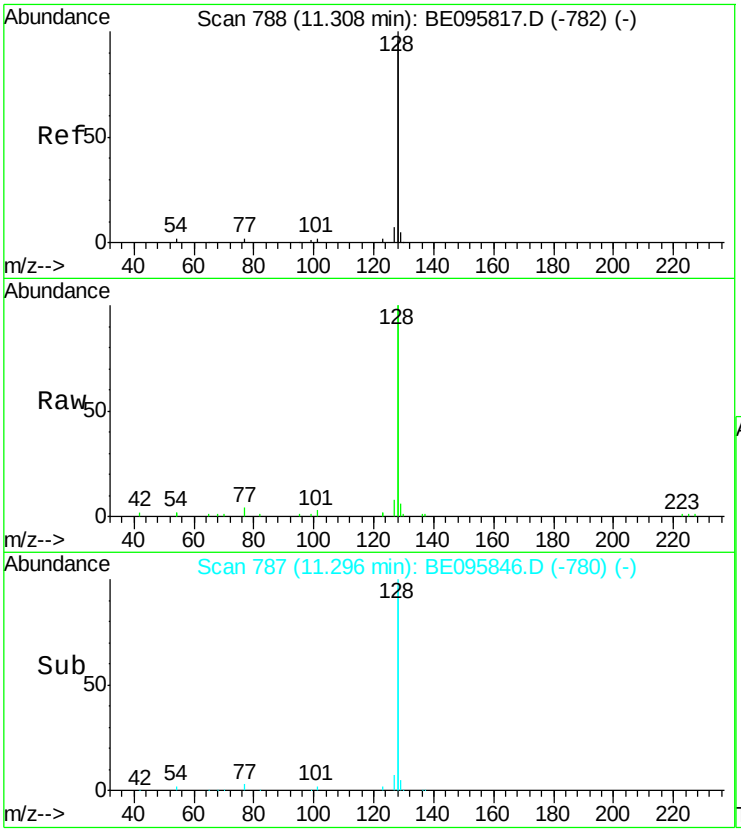


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion: 82 Resp: 1985

Ion	Ratio	Lower	Upper
82	100		
128	130.5	150.0	225.0#
54	232.5	154.2	231.4#



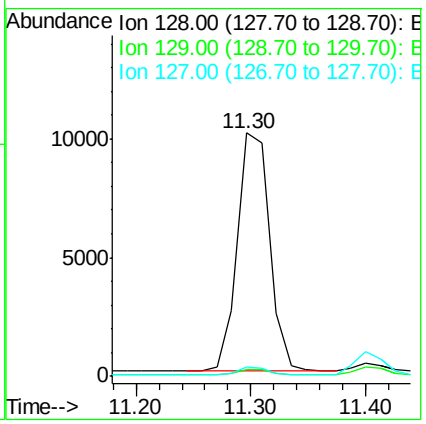


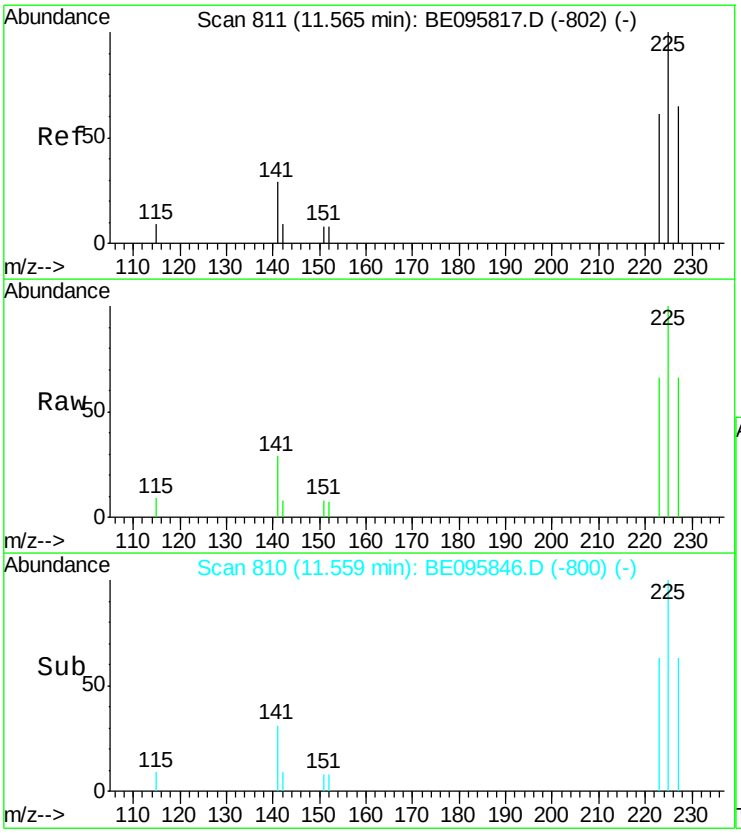
#9
Naphthalene
Concen: 0.407 ng
RT: 11.30 min Scan# 787
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19585

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.9	2.8	4.2

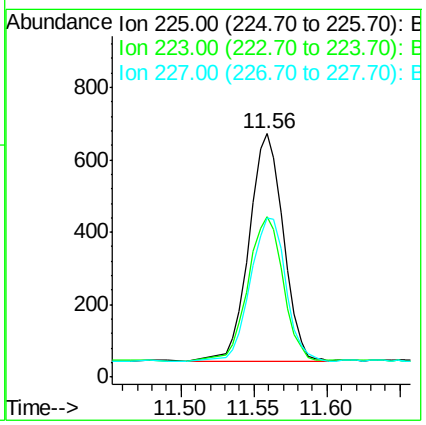


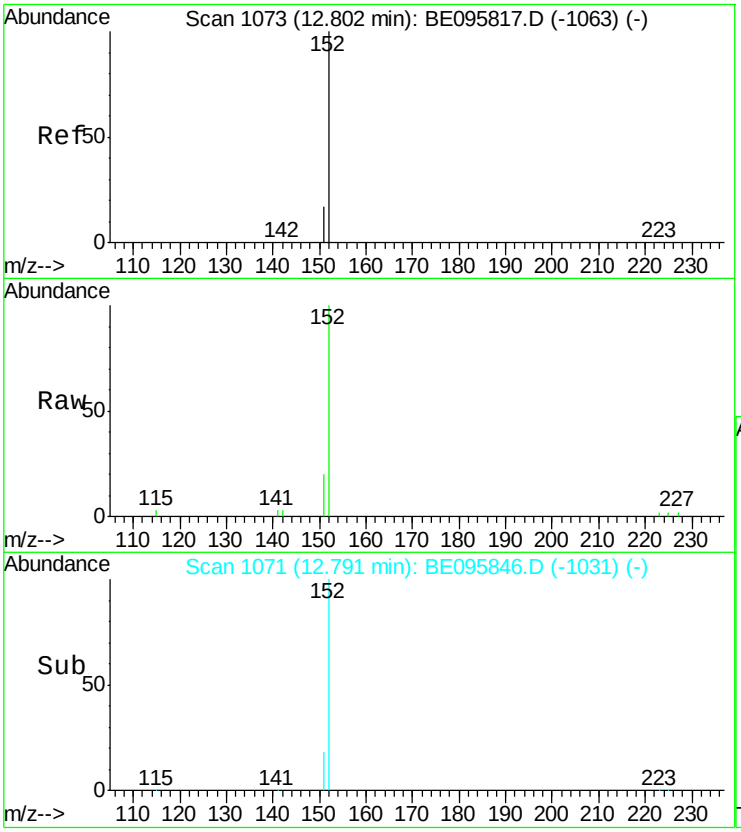


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.56 min Scan# 810
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:225 Resp: 1290

Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.0	79.6
227	65.8	51.4	77.2



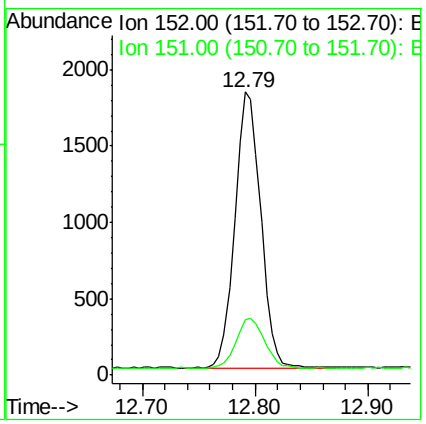


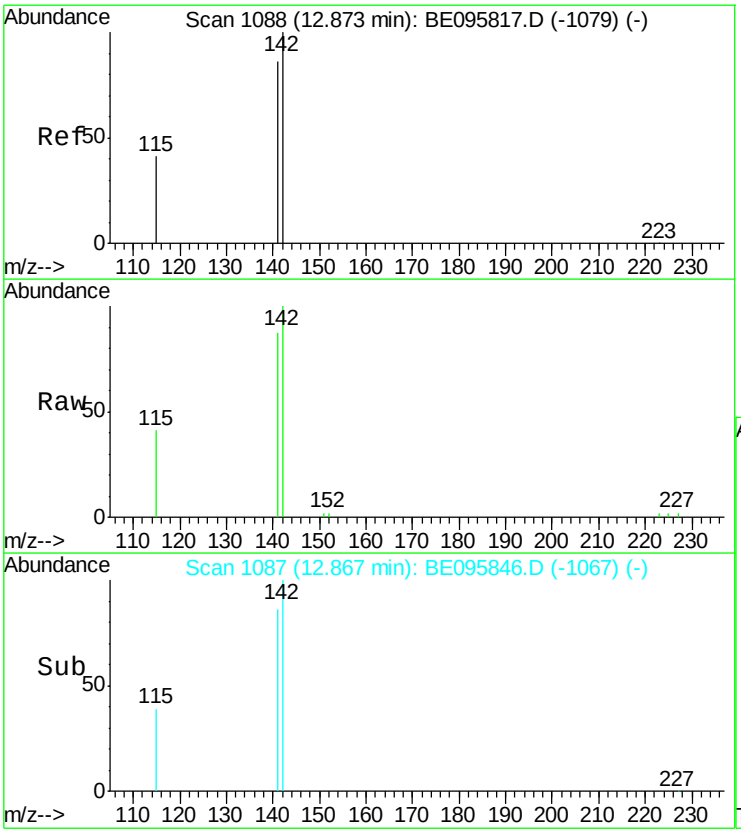
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2873

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

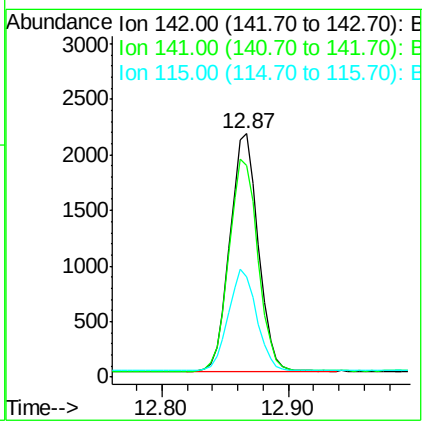


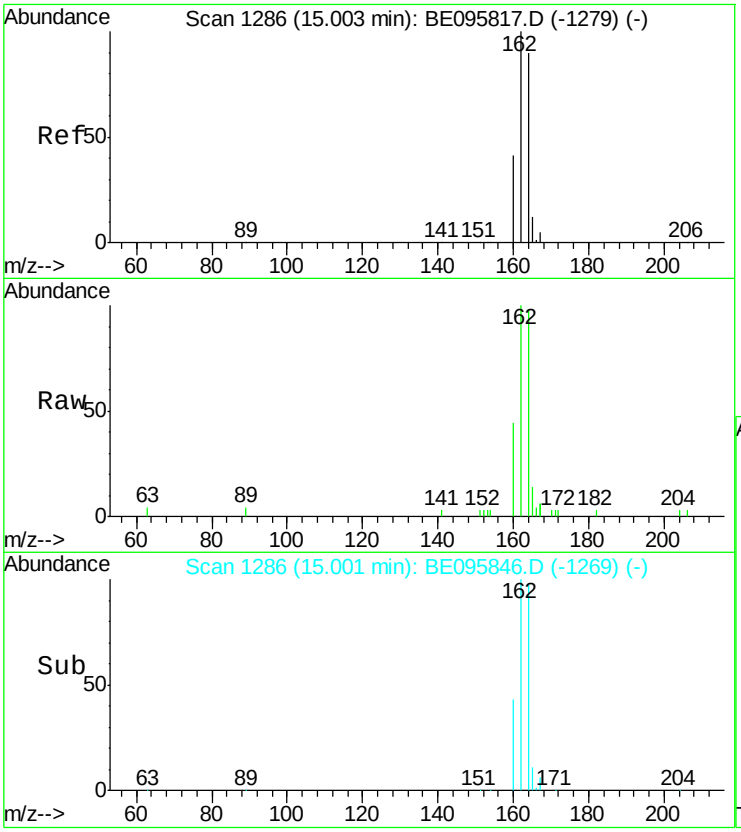


#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 12.87 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:142 Resp: 3359

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	41.2	31.7	47.5



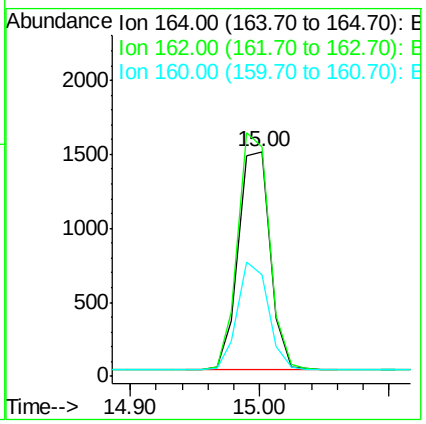


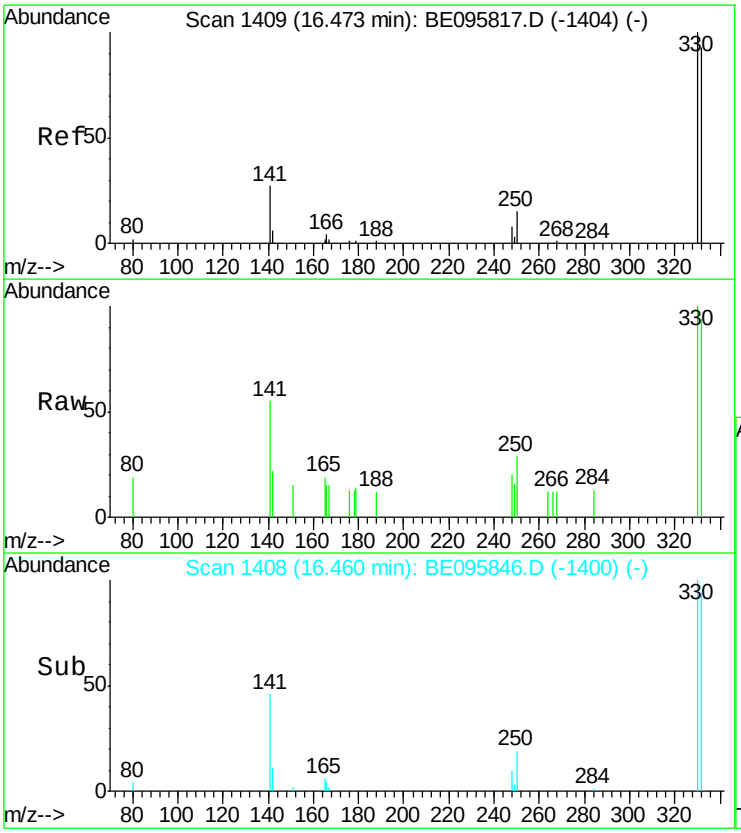
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2519

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.1	124.7
160	45.3	37.1	55.7

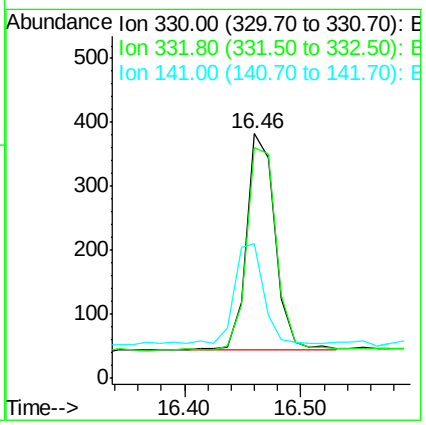


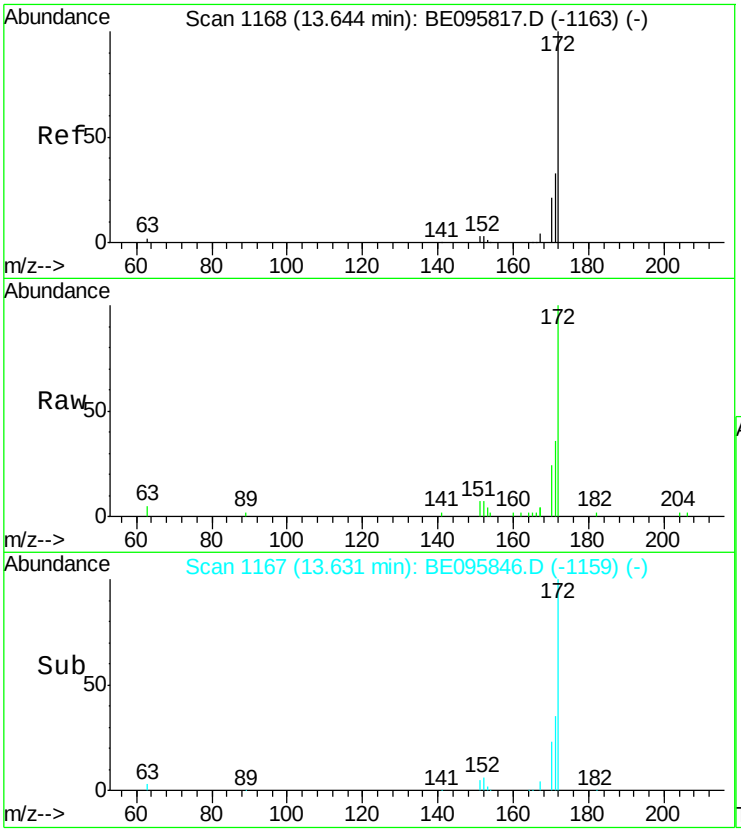


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:330 Resp: 581

Ion	Ratio	Lower	Upper
330	100		
332	98.3	152.7	229.1#
141	47.0	33.7	50.5



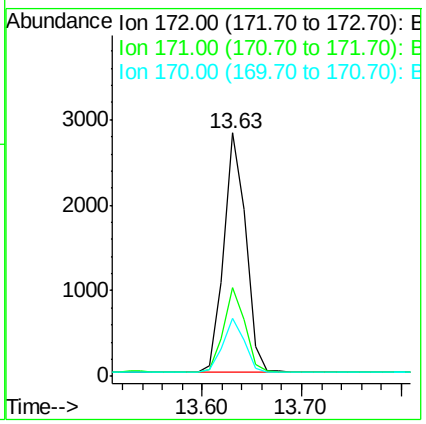


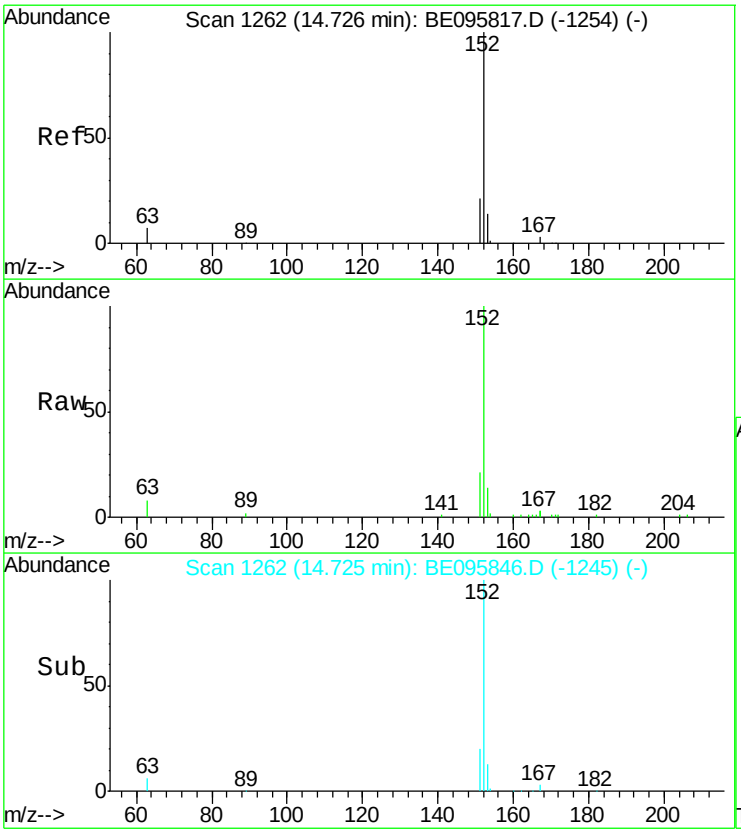
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4285

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.0	21.8	32.8

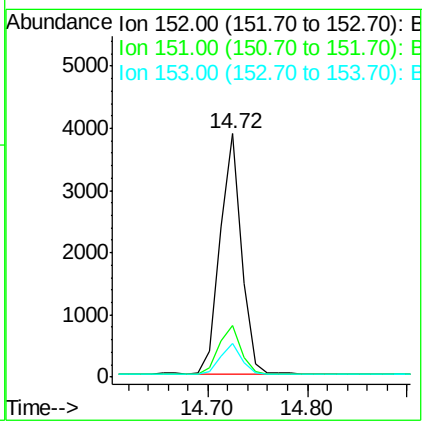


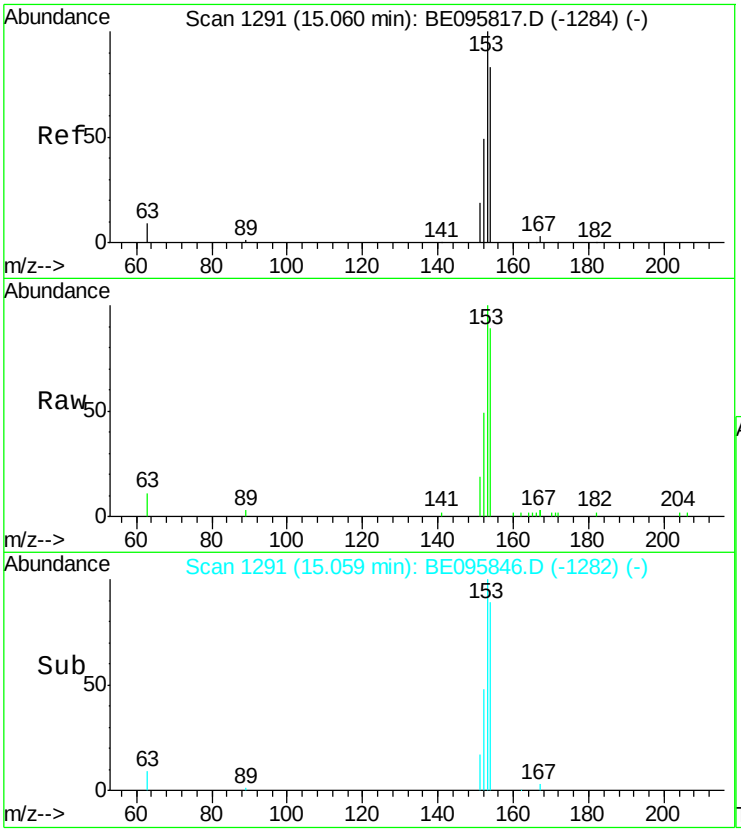


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.72 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:152 Resp: 5733

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.7	23.5
153	12.9	10.5	15.7



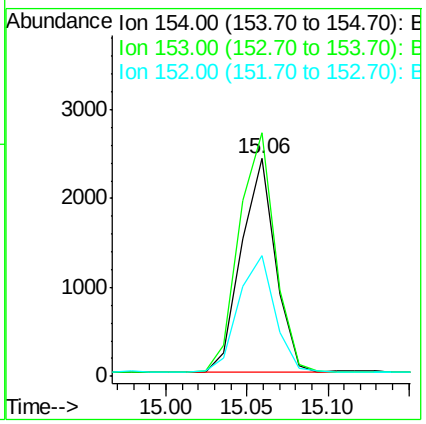


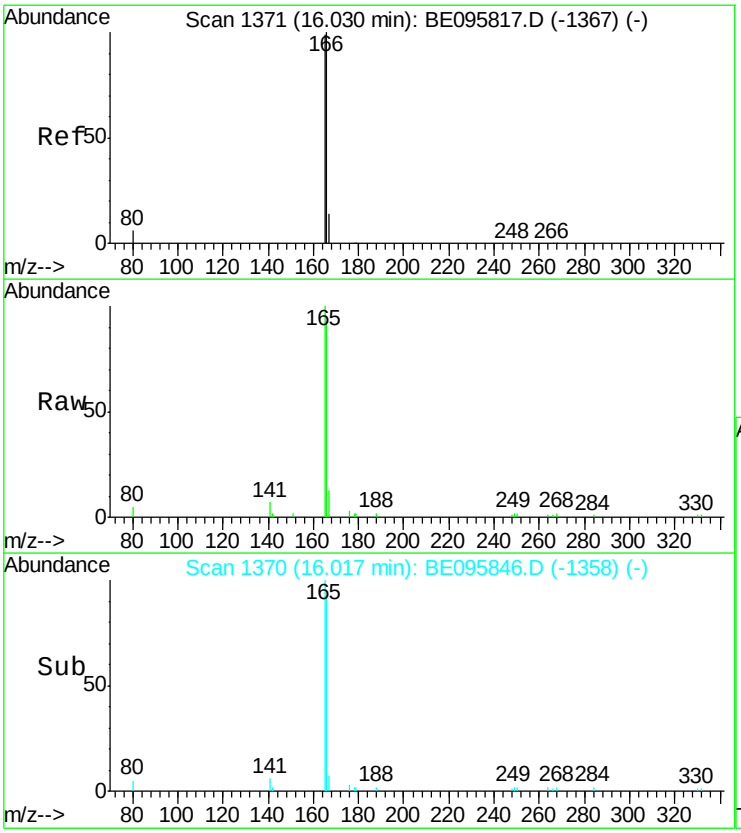
#17
Acenaphthene
Concen: 0.401 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3521

Ion	Ratio	Lower	Upper
154	100		
153	116.9	89.2	133.8
152	57.5	42.0	63.0

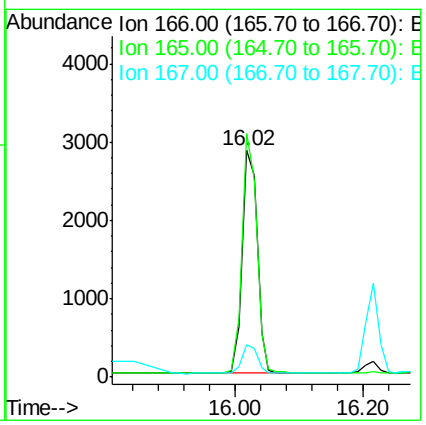


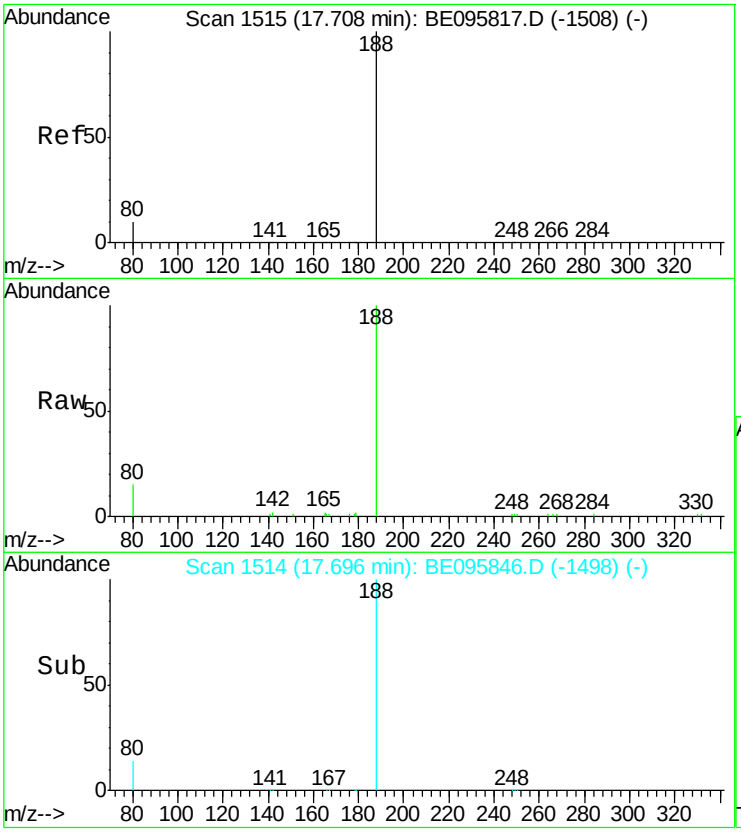


#18
Fluorene
Concen: 0.400 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:166 Resp: 4624

Ion	Ratio	Lower	Upper
166	100		
165	103.1	77.8	116.6
167	13.2	42.4	63.6#



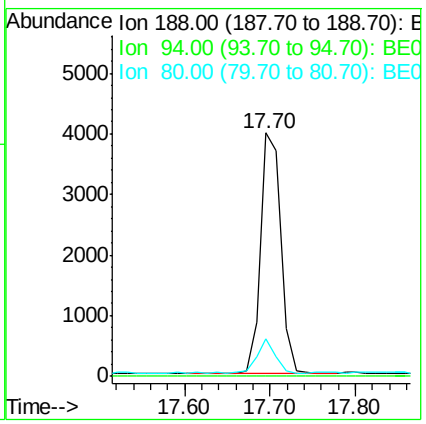


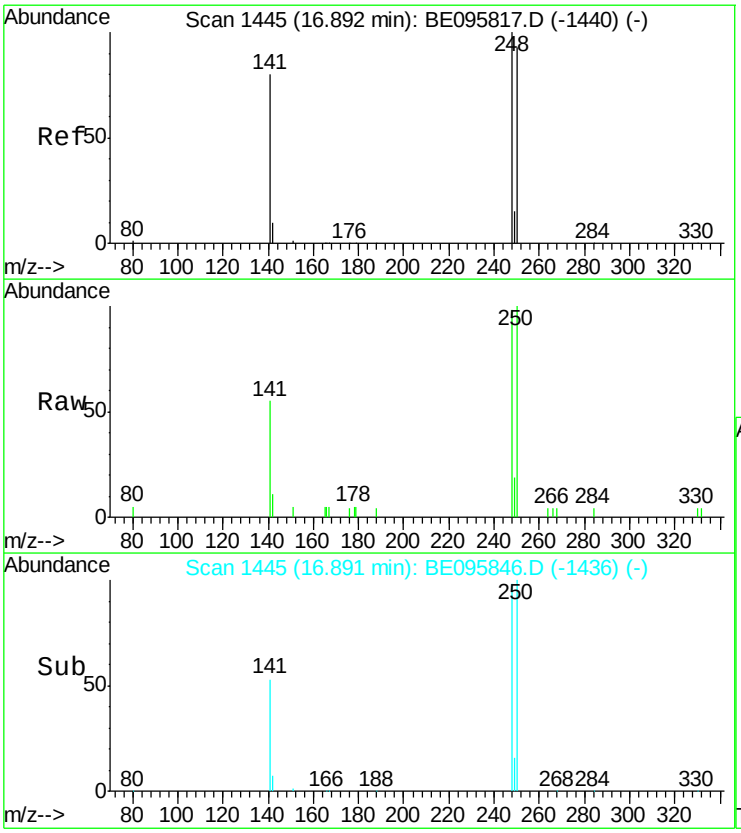
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6556

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.3	3.6	5.4#

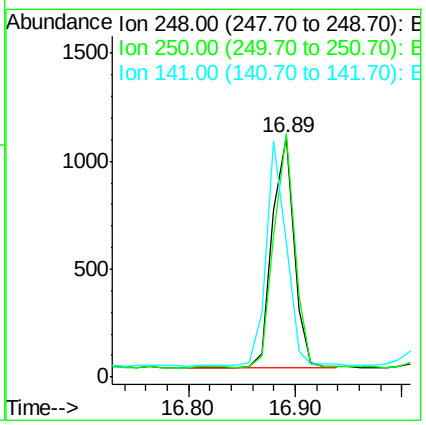


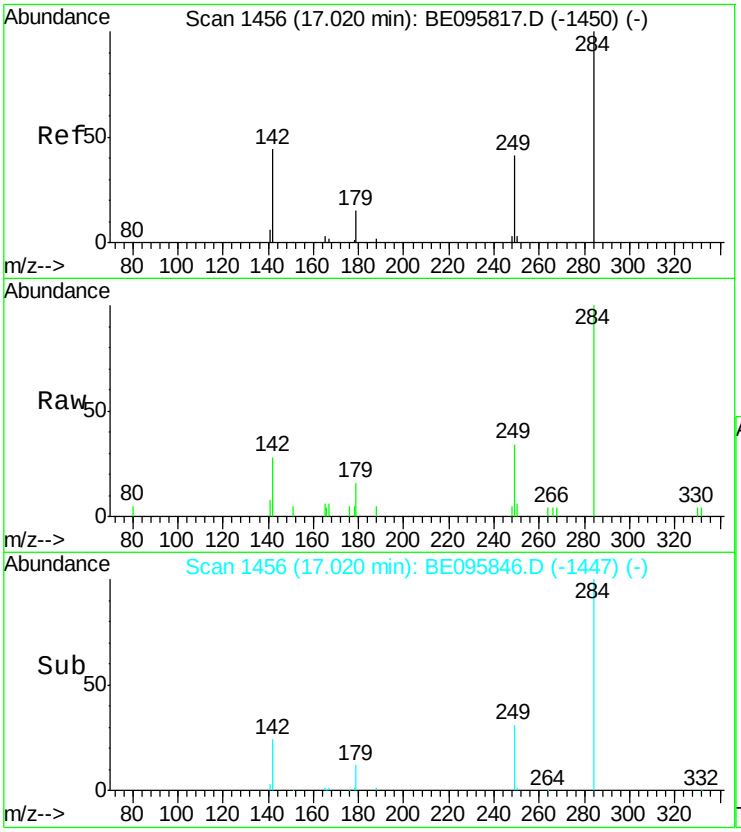


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:248 Resp: 1513

Ion	Ratio	Lower	Upper
248	100		
250	101.8	62.7	94.1#
141	56.5	48.2	72.2



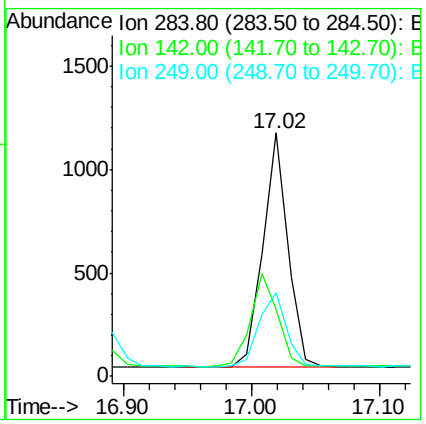


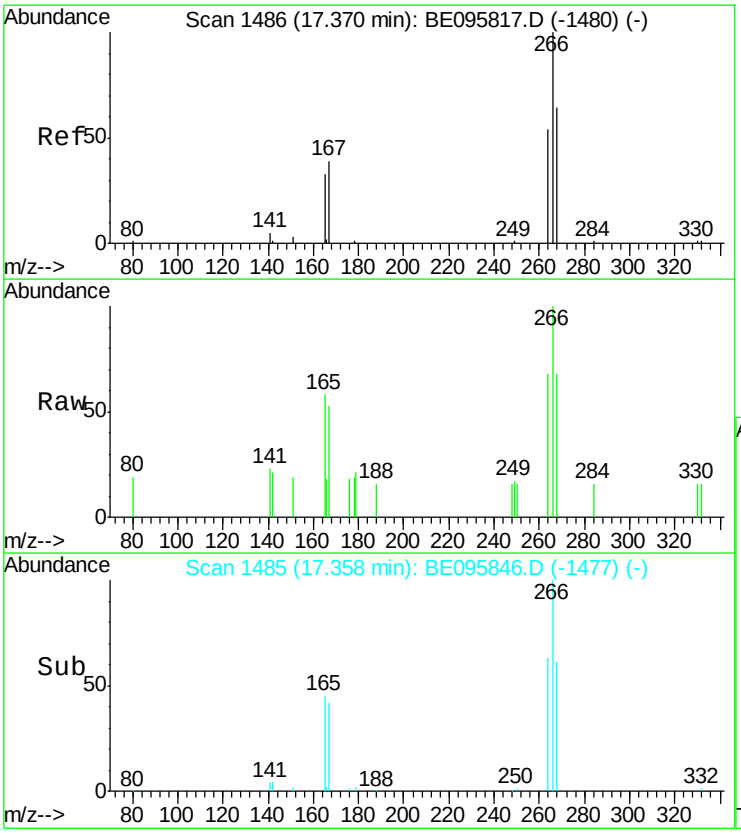
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1555

Ion	Ratio	Lower	Upper
284	100		
142	42.8	22.1	33.1#
249	34.6	34.8	52.2#

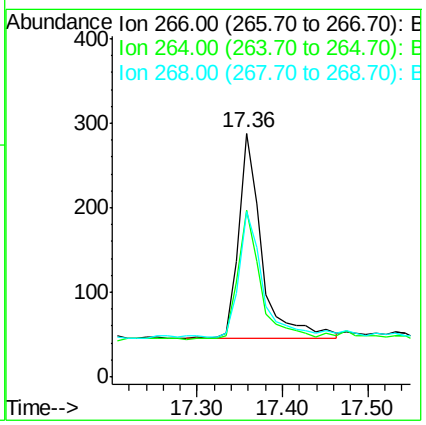


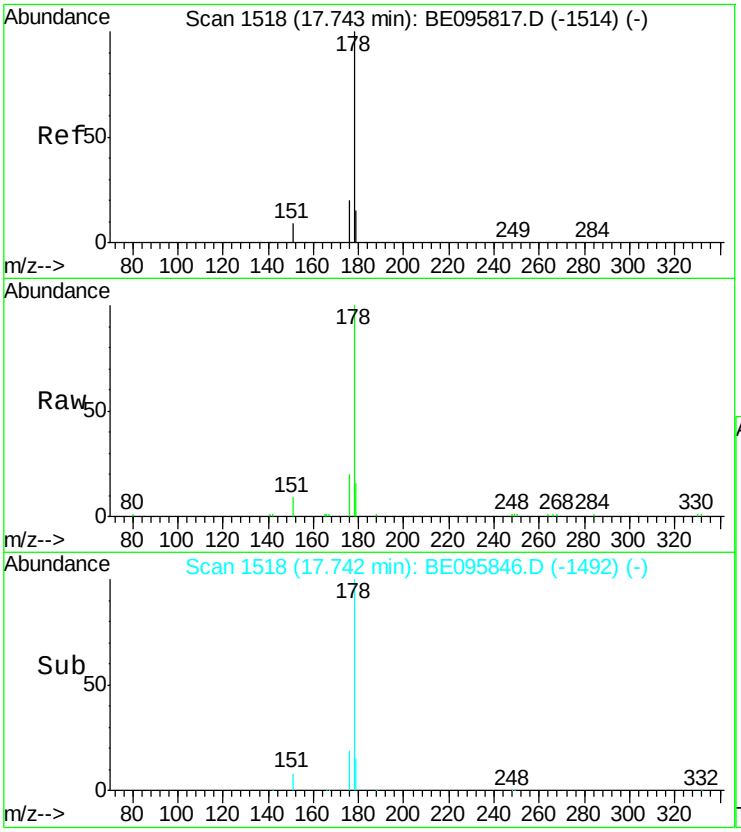


#22
Pentachlorophenol
Concen: 0.442 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:266 Resp: 462

Ion	Ratio	Lower	Upper
266	100		
264	68.4	72.5	108.7#
268	67.7	73.8	110.6#



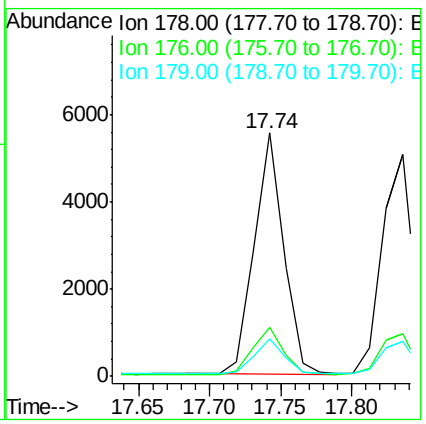


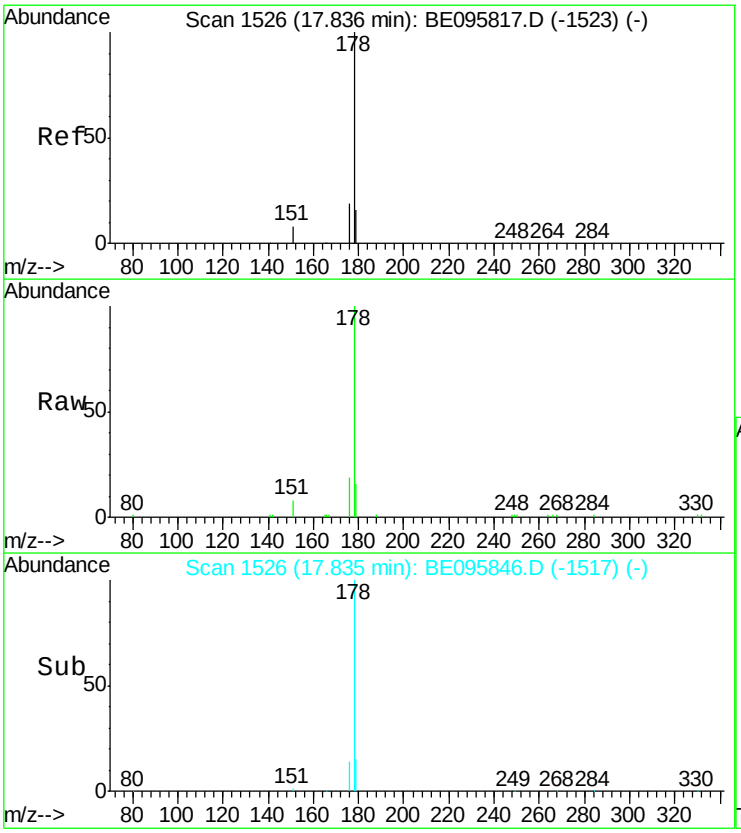
#23
Phenanthrene
Concen: 0.406 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7962

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.7	11.8	17.6

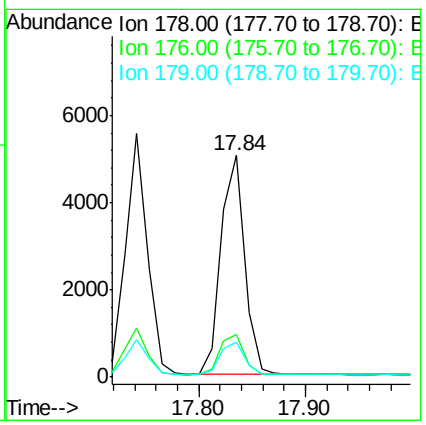


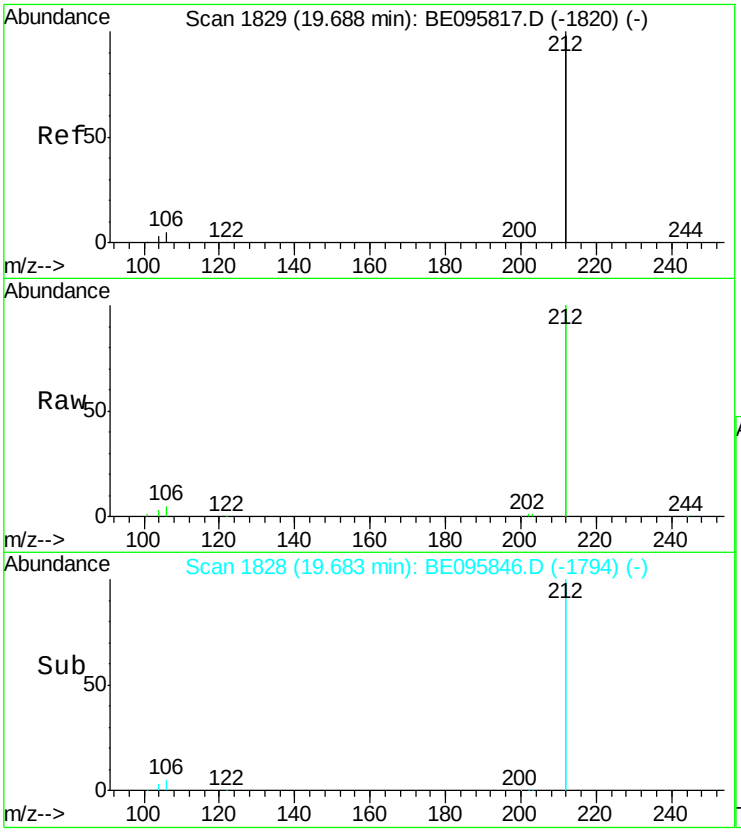


#24
Anthracene
Concen: 0.392 ng
RT: 17.84 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:178 Resp: 7690

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



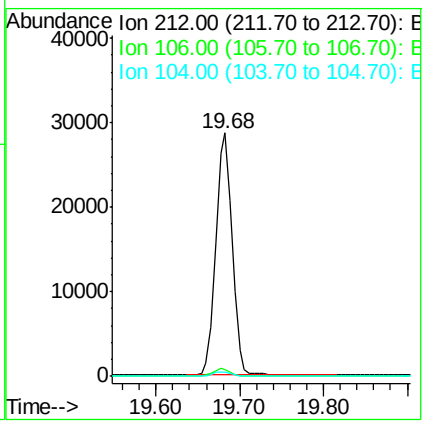


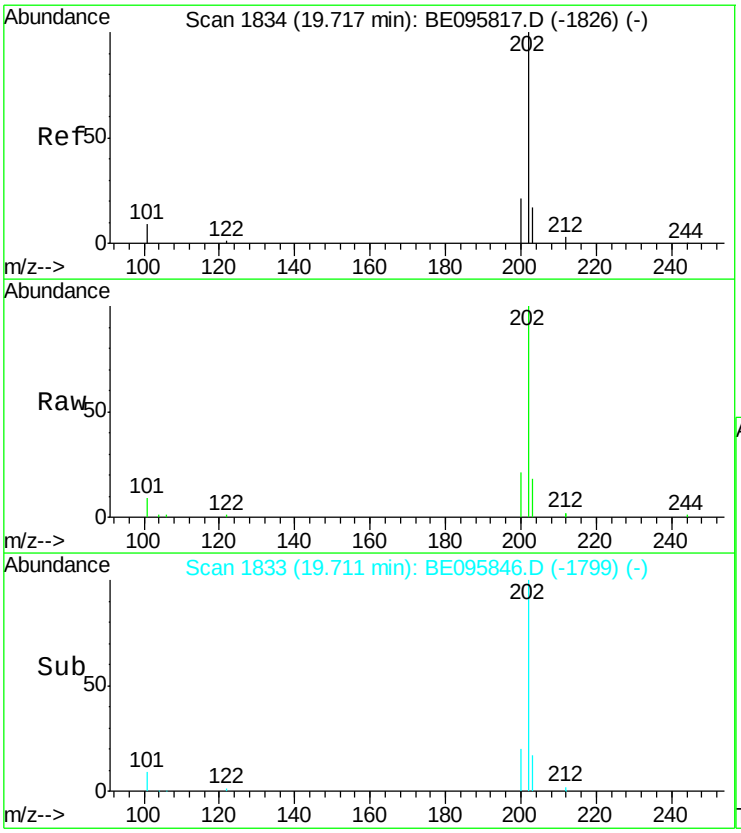
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38927

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

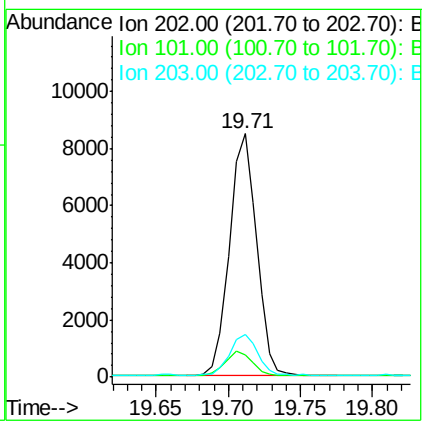


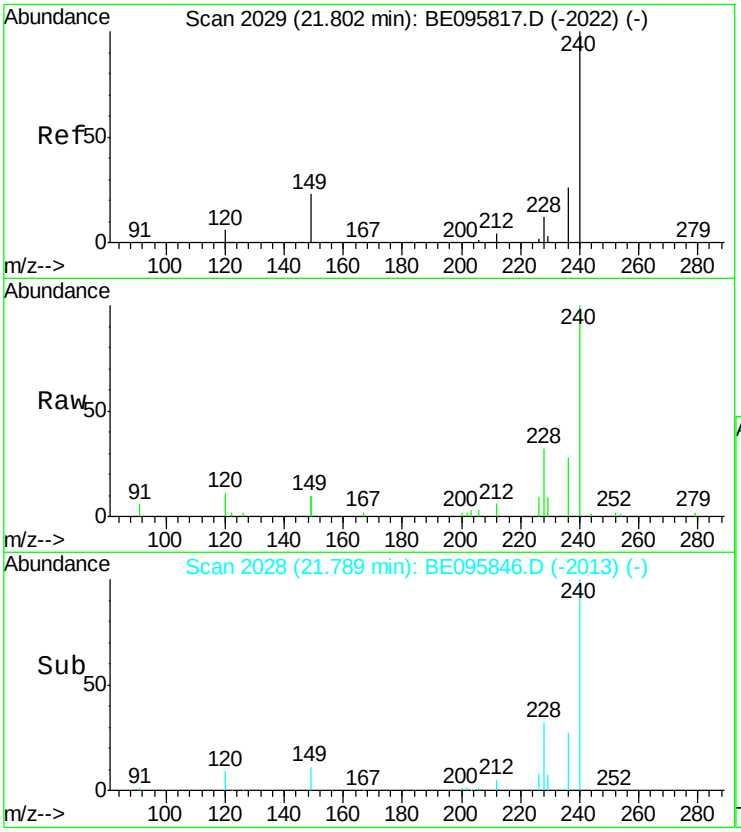


#26
Fluoranthene
Concen: 0.403 ng
RT: 19.71 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:202 Resp: 10982

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
203	17.2	13.7	20.5



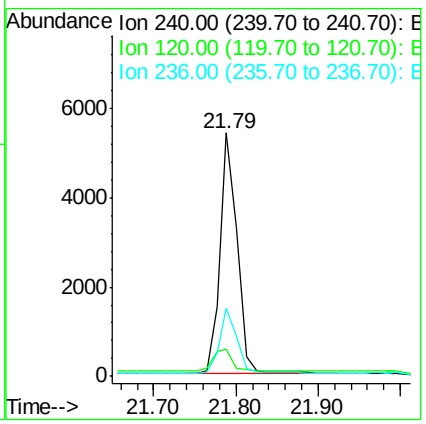


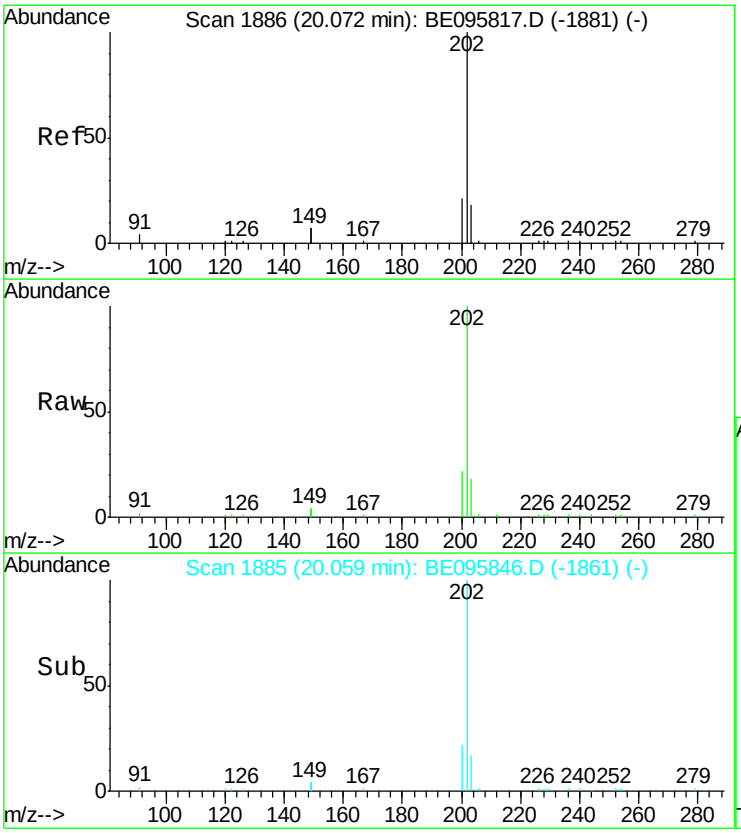
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7828

Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.5	8.3#
236	28.0	20.7	31.1

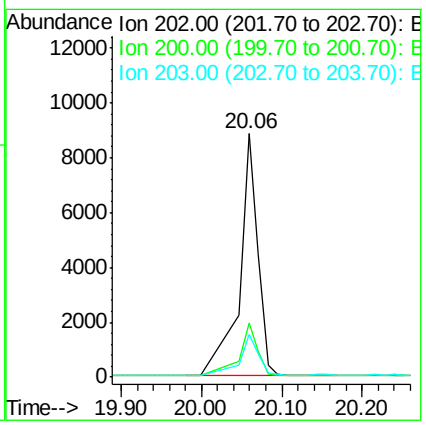


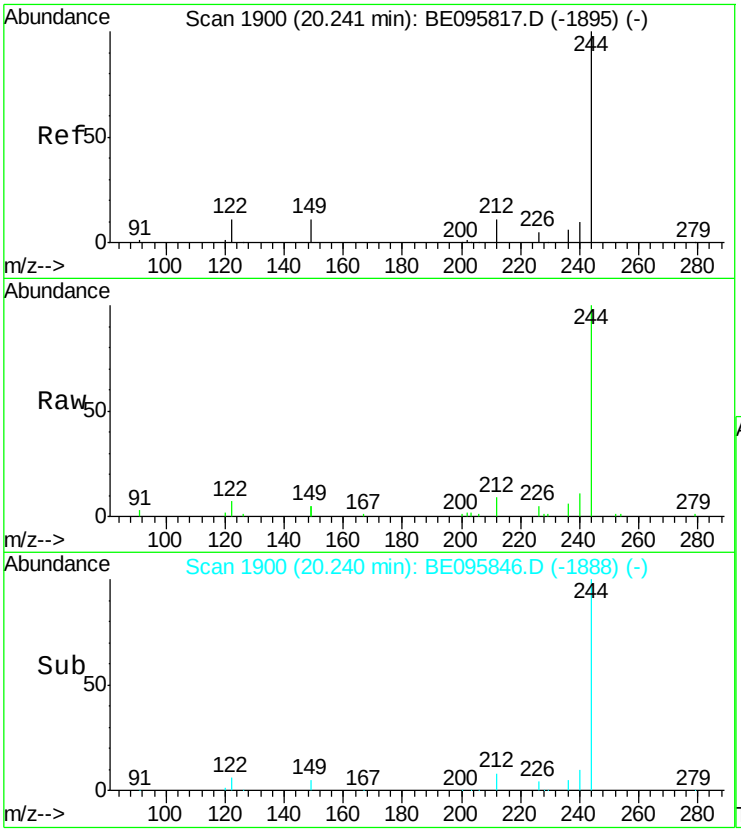


#28
Pyrene
Concen: 0.399 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:202 Resp: 12716

Ion	Ratio	Lower	Upper
202	100		
200	24.5	16.6	25.0
203	20.5	13.8	20.8



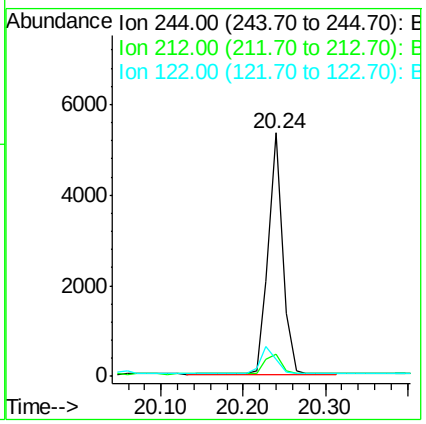


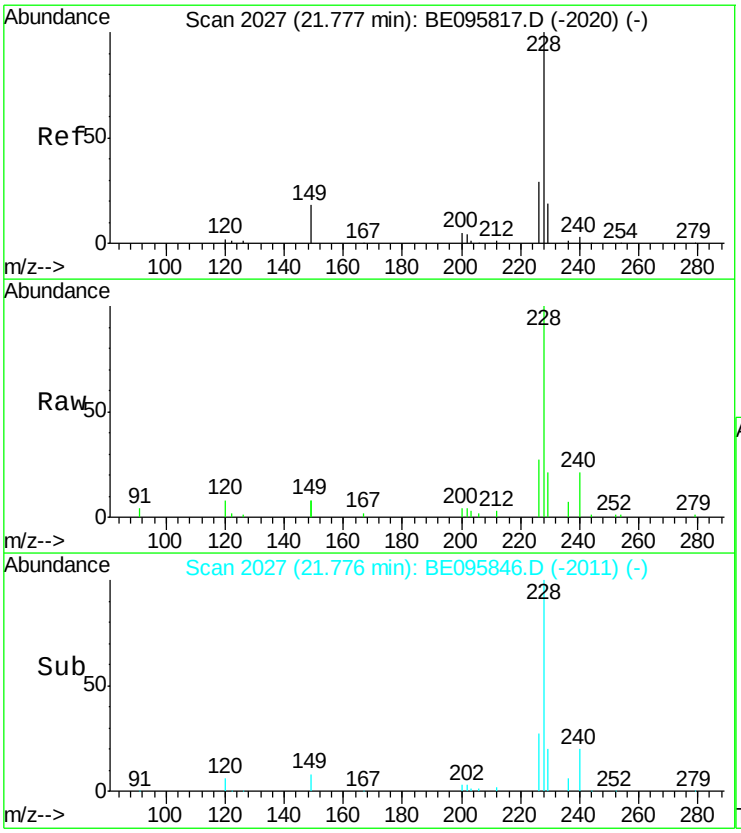
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6504

Ion	Ratio	Lower	Upper
244	100		
212	8.9	25.4	38.0#
122	6.9	8.1	12.1#

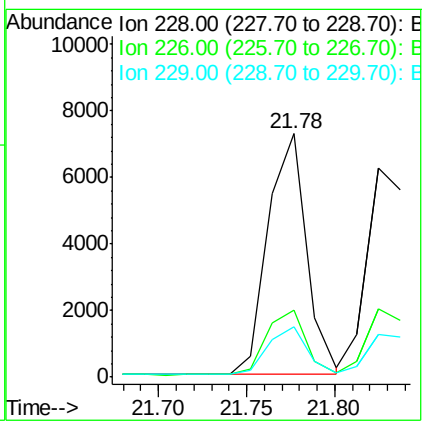


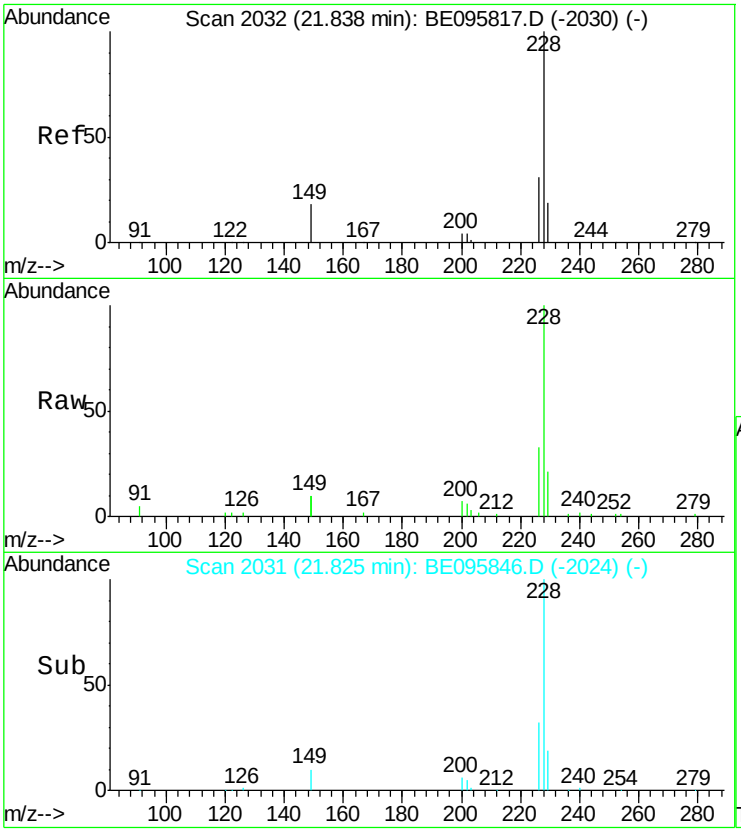


#30
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:228 Resp: 11000

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	20.7	16.0	24.0



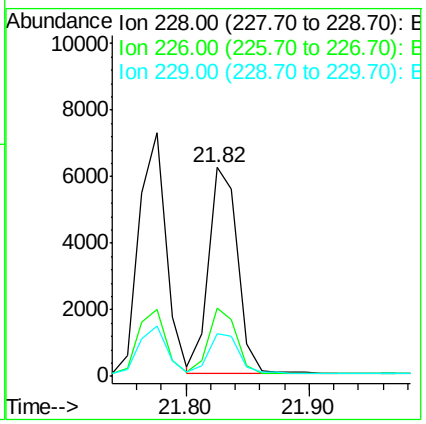


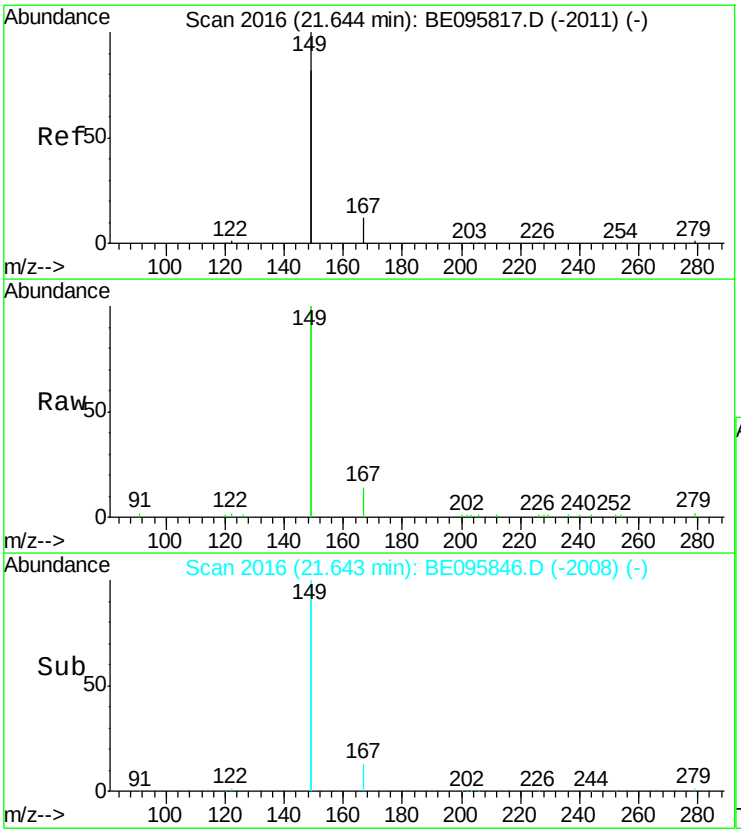
#31
Chrysene
Concen: 0.409 ng
RT: 21.82 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10121

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.0	36.0
229	20.6	16.0	24.0

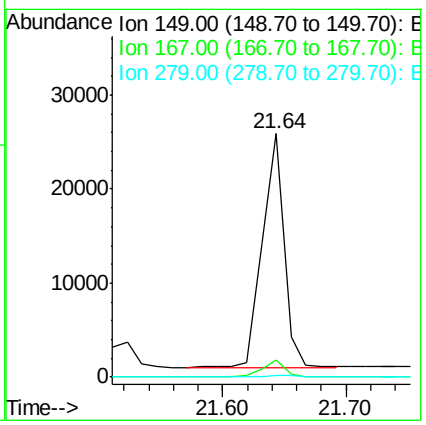


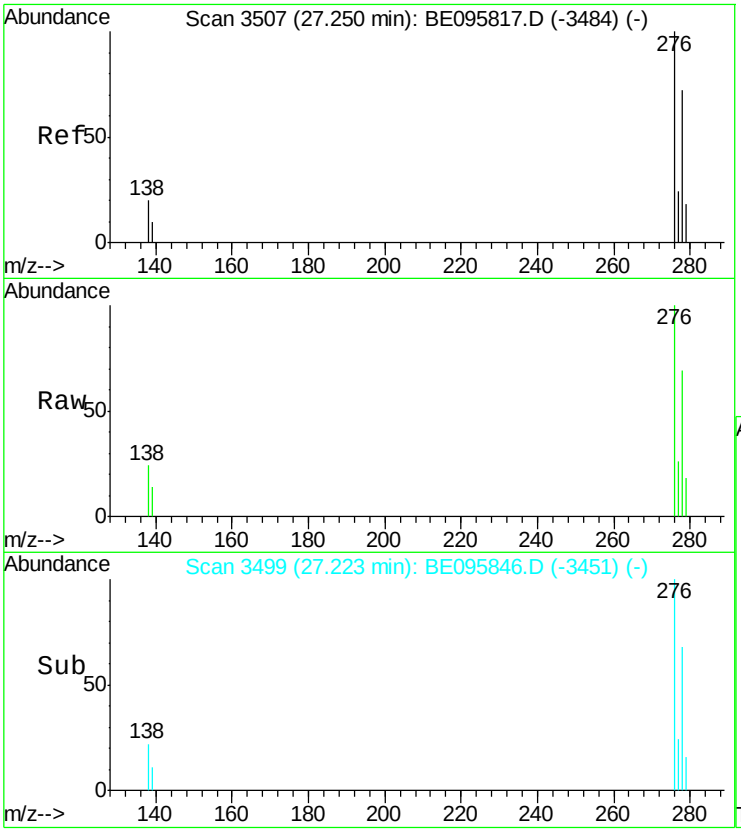


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:149 Resp: 30488

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



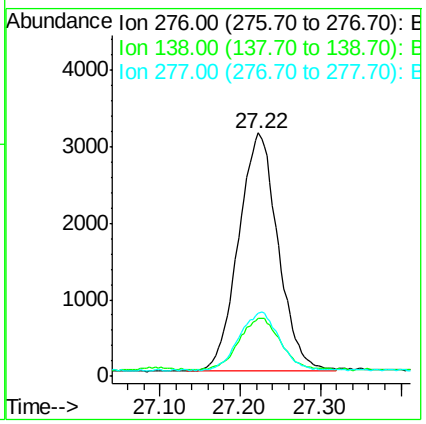


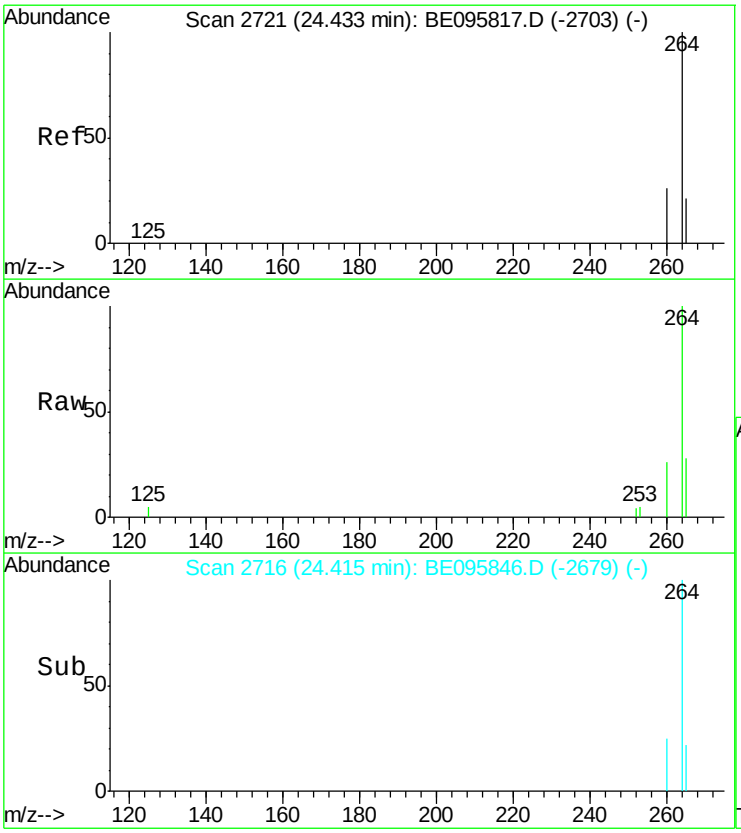
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 27.22 min Scan# 3499
Delta R.T. -0.03 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10649

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.5	33.7#
277	25.0	19.9	29.9

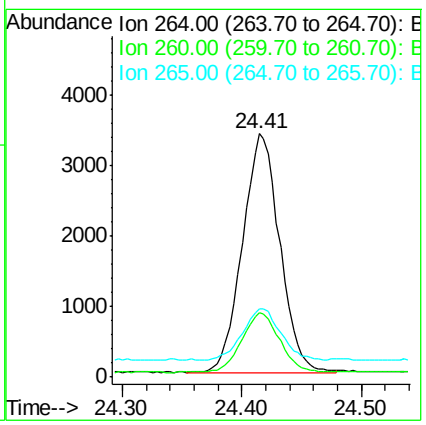


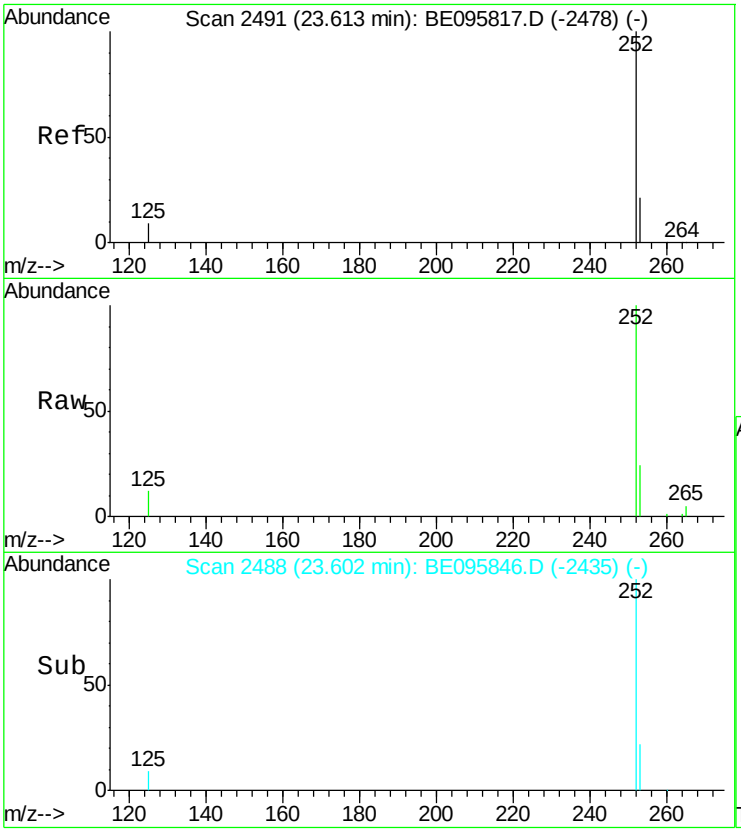


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.41 min Scan# 2716
Delta R.T. -0.02 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:264 Resp: 7302

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	28.2	22.8	34.2



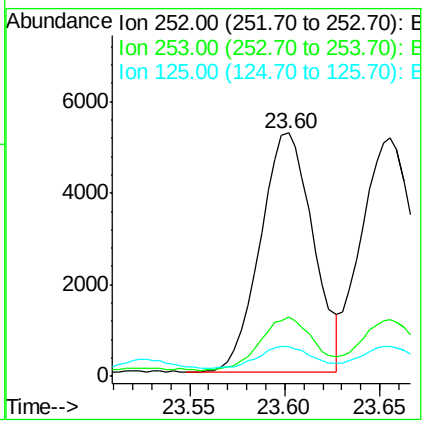


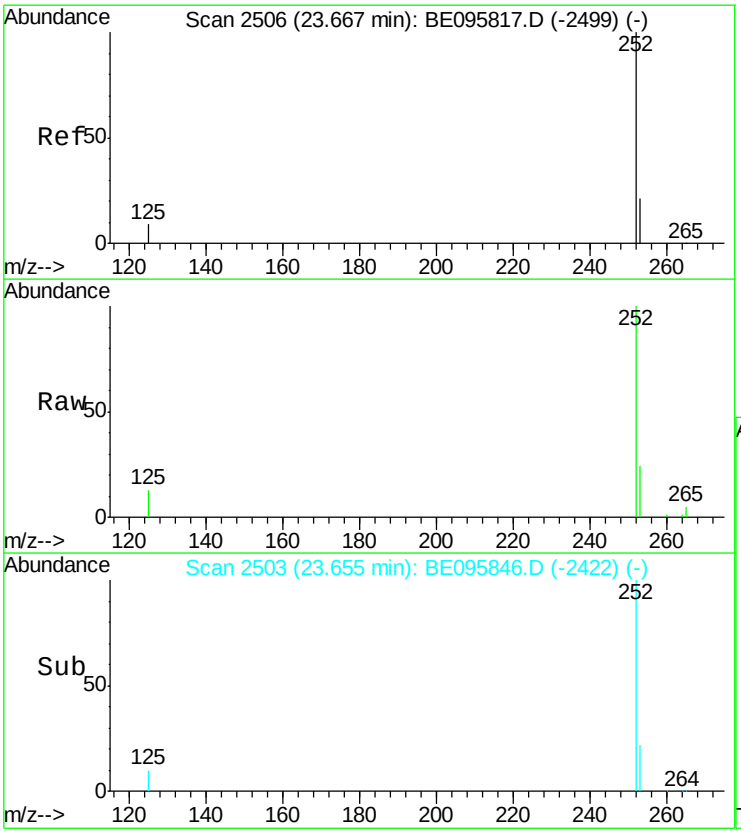
#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.60 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10098

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	12.3	16.0	24.0#

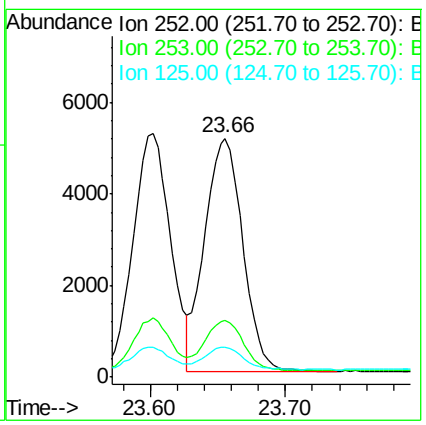


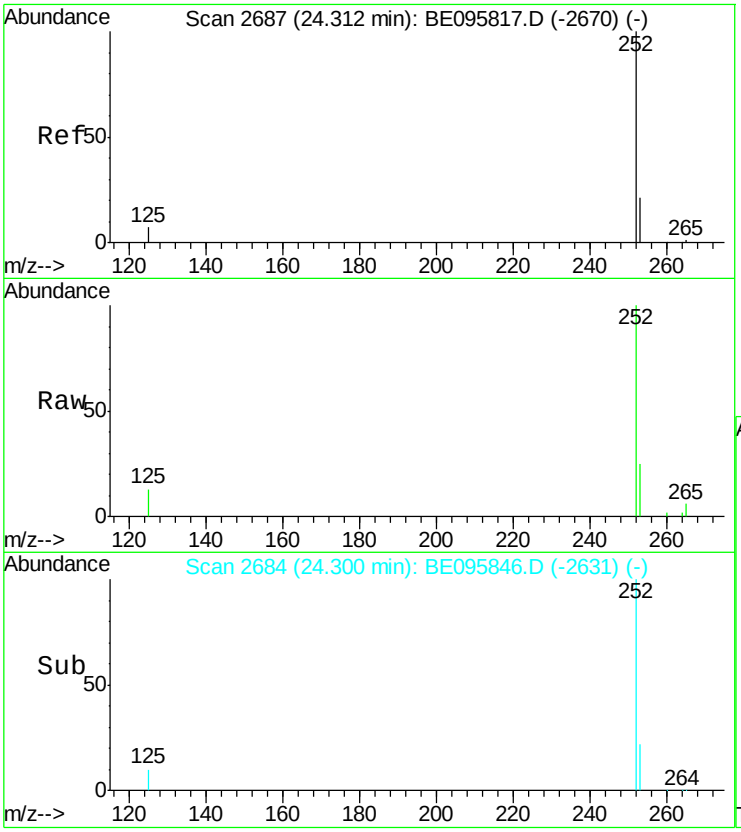


#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 23.66 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:252 Resp: 10048

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	12.6	8.0	12.0#



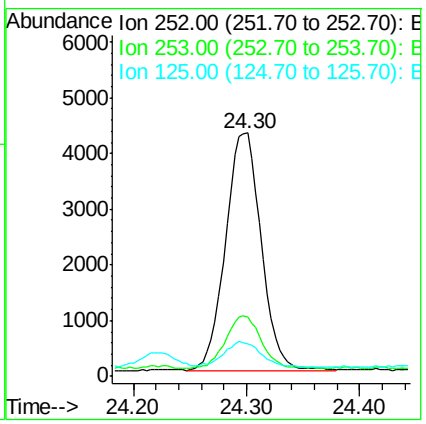


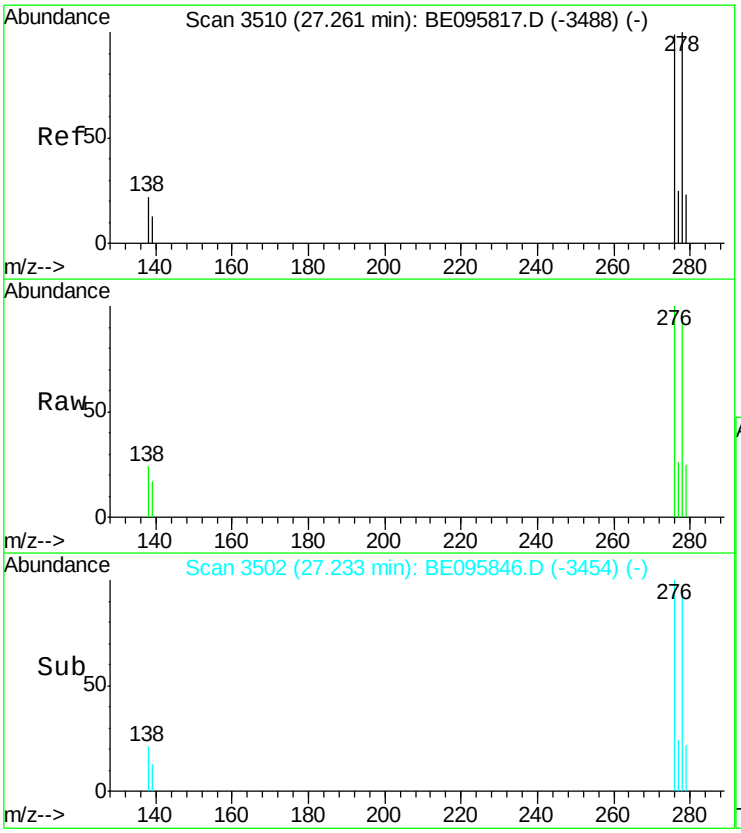
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 24.30 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9317

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	13.1	12.0	18.0

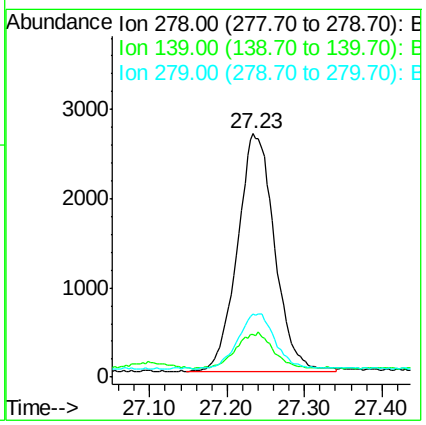


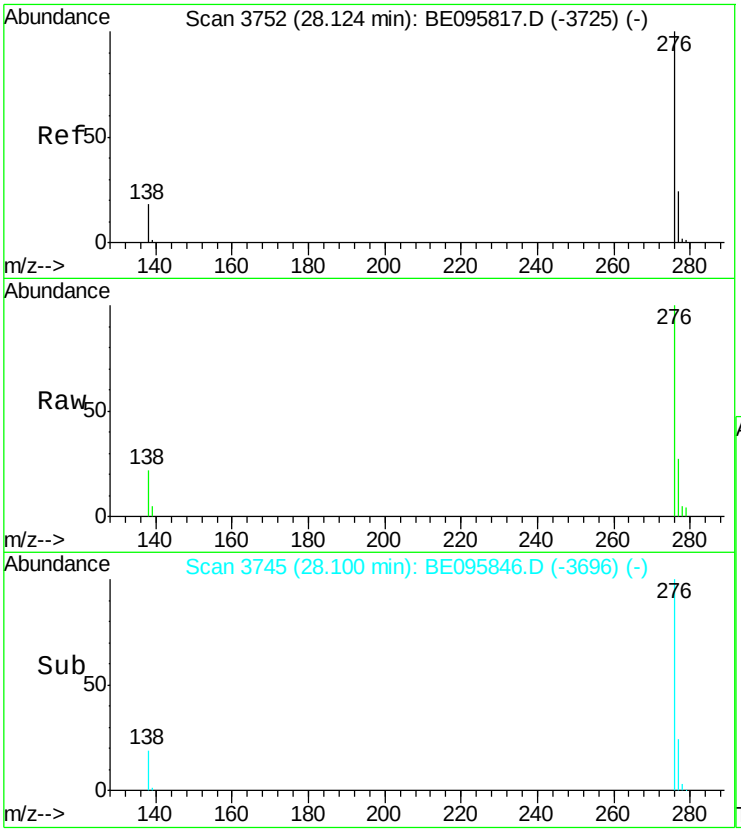


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 27.23 min Scan# 3502
Delta R.T. -0.03 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Tgt Ion:278 Resp: 8887

Ion	Ratio	Lower	Upper
278	100		
139	17.6	16.0	24.0
279	26.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 28.10 min Scan# 3745
Delta R.T. -0.02 min
Lab File: BE095846.D
Acq: 26 Mar 2018 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9016

Ion	Ratio	Lower	Upper
276	100		
277	26.8	16.0	24.0#
138	21.8	20.0	30.0