Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095700.D
Acq On : 6 Mar 2018 16:46
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 01:10:07 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	1199	0.40	ng		0.00
7) Naphthalene-d8	11.27	136	4823	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2800	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6614	0.40	ng		0.00
27) Chrysene-d12	21.80	240	6710	0.40	ng		0.00
34) Perylene-d12	24.43	264	6038	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1316	0.42	ng		0.00
5) Phenol-d6	7.56	99	1806	0.41	ng		0.00
8) Nitrobenzene-d5	9.61	82	1901	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.81	152	3228	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	350	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	4818	0.39	ng		0.00
25) Fluoranthene-d10	19.69	212	32175	0.37	ng		0.00
29) Terphenyl-d14	20.24	244	5249	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	793	0.420	ng	#	90
3) n-Nitrosodimethylamine	4.00	42	996	0.426	ng		83
6) bis(2-Chloroethyl)ether	7.83	93	1902	0.423	ng		96
9) Naphthalene	11.31	128	22545	0.406	ng		99
10) Hexachlorobutadiene	11.57	225	1159	0.357	ng	#	90
12) 2-Methylnaphthalene	12.88	142	3819	0.398	ng		98
16) Acenaphthylene	14.74	152	5851	0.372	ng		99
17) Acenaphthene	15.07	154	3818	0.387	ng		96
18) Fluorene	16.03	166	4715	0.385	ng	#	78
20) 4-Bromophenyl-phenylether	16.90	248	1498	0.361	ng	#	78
21) Hexachlorobenzene	17.02	284	1536	0.357	ng	#	82
22) Pentachlorophenol	17.36	266	341	0.395	ng	#	79
23) Phenanthrene	17.75	178	7787	0.377	ng		100
24) Anthracene	17.84	178	6988	0.368	ng		95
26) Fluoranthene	19.72	202	9498	0.373	ng	#	97
28) Pyrene	20.07	202	10834	0.395	ng		95
30) Benzo(a)anthracene	21.78	228	8678	0.396	ng		97
31) Chrysene	21.84	228	8293	0.381	ng		99
32) Bis(2-ethylhexyl)phthalate	21.66	149	13319	0.344	ng		99
33) Indeno(1,2,3-cd)pyrene	27.23	276	8106	0.384	ng	#	94
35) Benzo(b)fluoranthene	23.61	252	8033	0.373	ng	#	90
36) Benzo(k)fluoranthene	23.66	252	8268	0.386	ng		95
37) Benzo(a)pyrene	24.30	252	7557	0.390	ng		93
38) Dibenzo(a,h)anthracene	27.24	278	6633	0.385	ng		97
39) Benzo(g,h,i)perylene	28.11	276	6876	0.372	ng	#	91

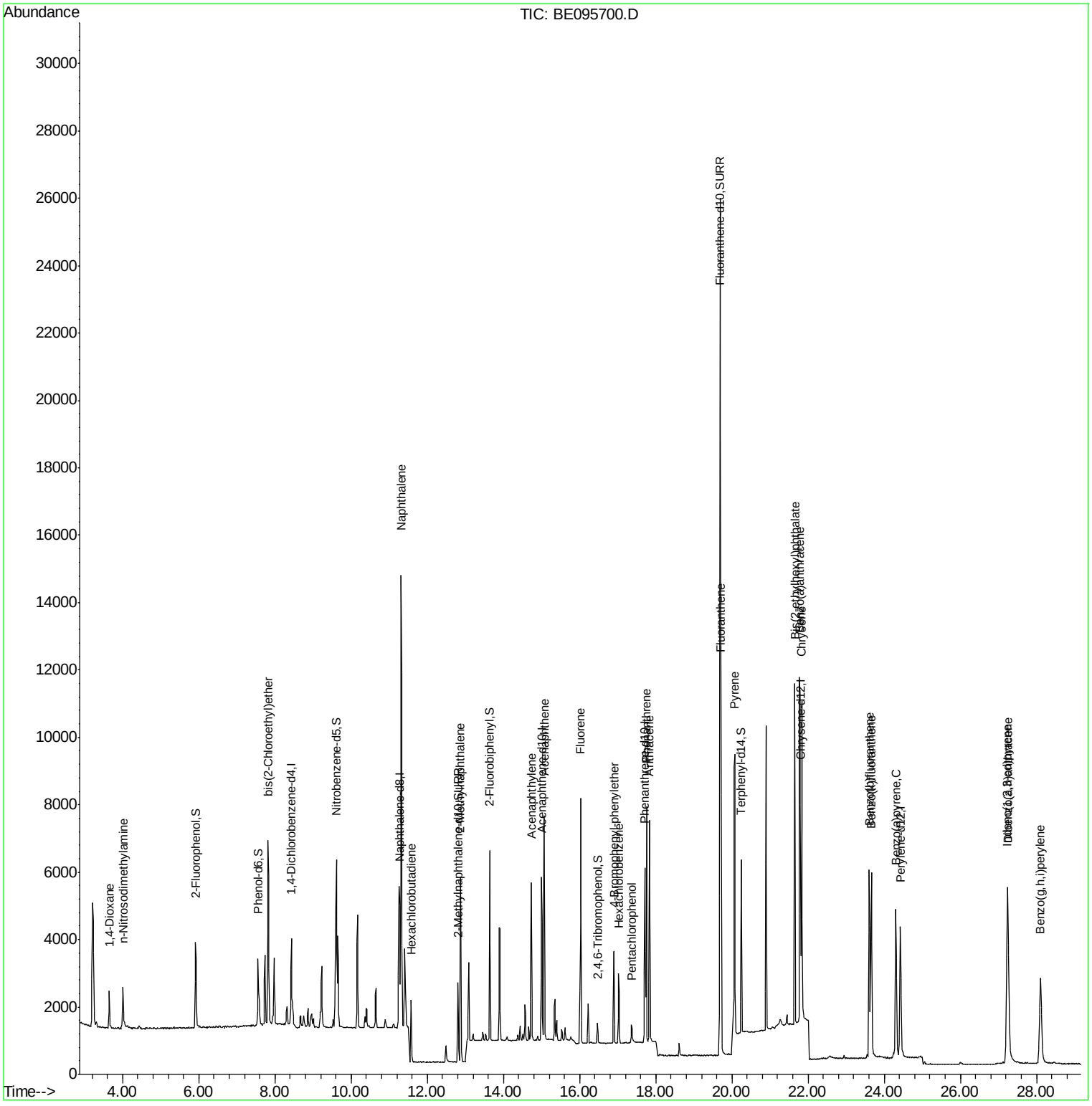
(#) = qualifier out of range (m) = manual integration (+) = signals summed

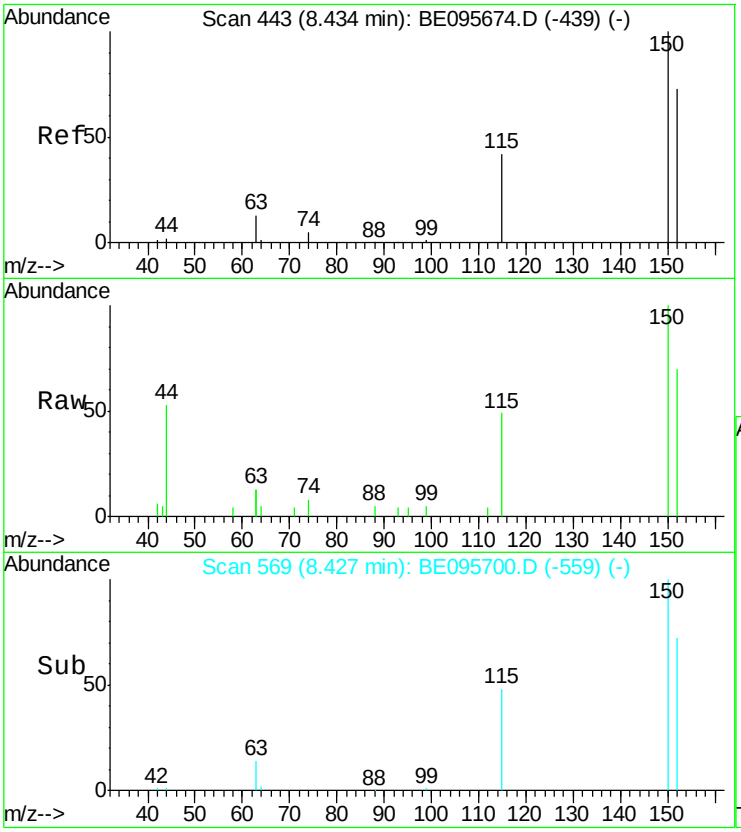
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095700.D
Acq On : 6 Mar 2018 16:46
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 07 01:10:07 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



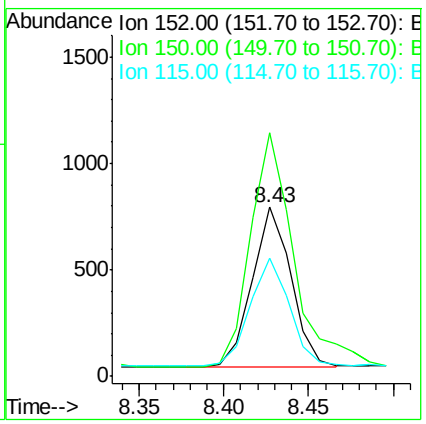


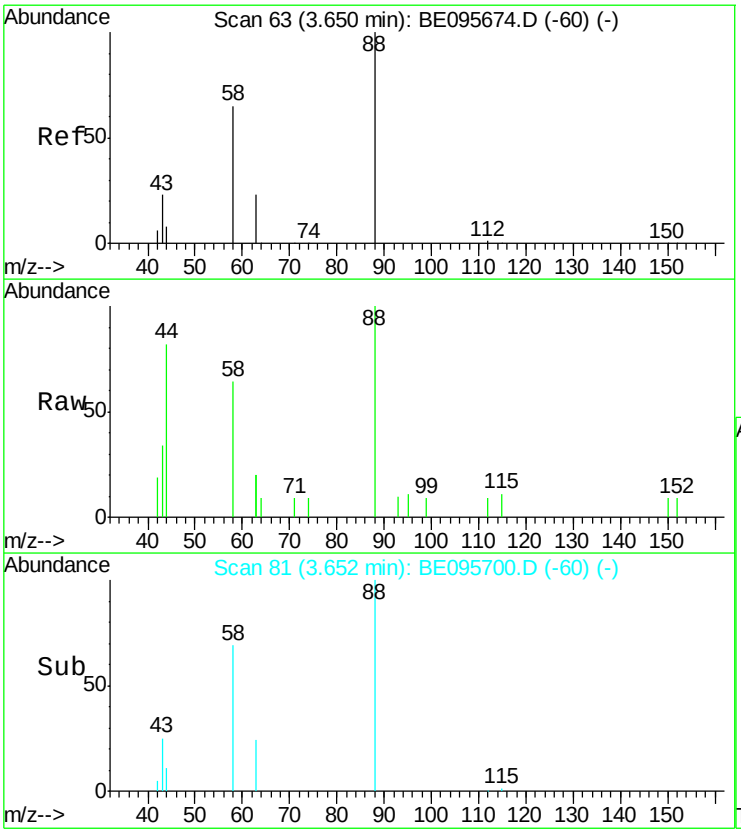
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1199

Ion	Ratio	Lower	Upper
152	100		
150	143.7	117.2	175.8
115	69.7	57.0	85.6

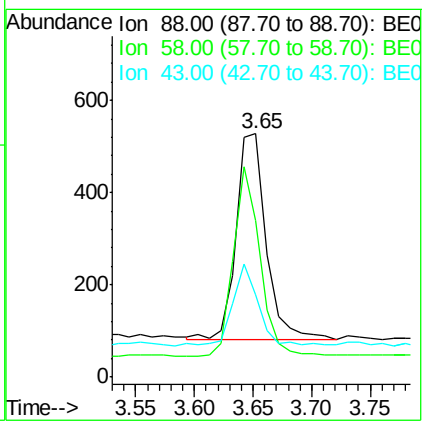


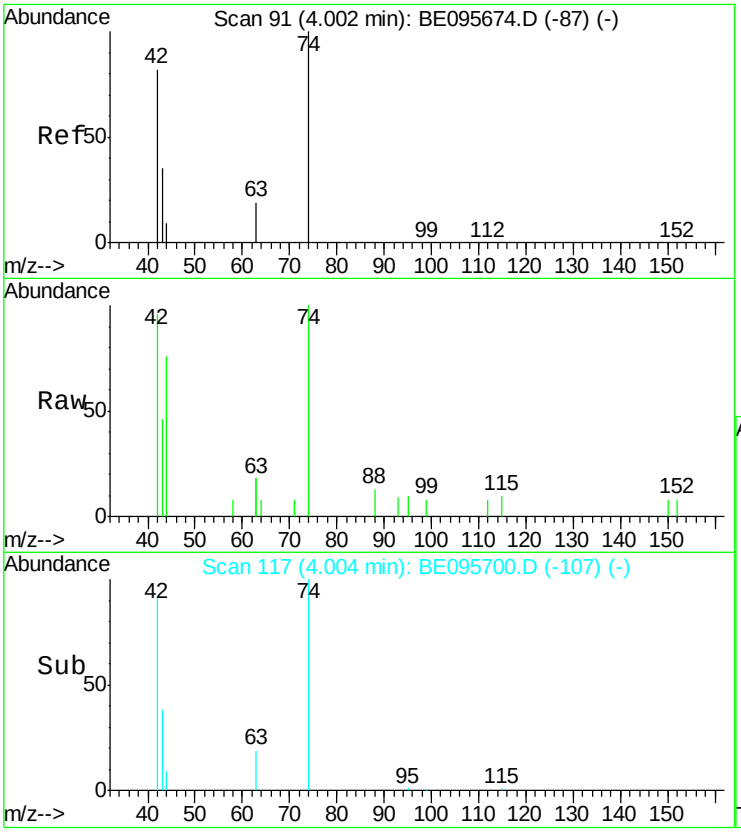


#2
1,4-Dioxane
Concen: 0.420 ng
RT: 3.65 min Scan# 81
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion: 88 Resp: 793

Ion	Ratio	Lower	Upper
88	100		
58	81.5	63.2	94.8
43	36.1	41.2	61.8#



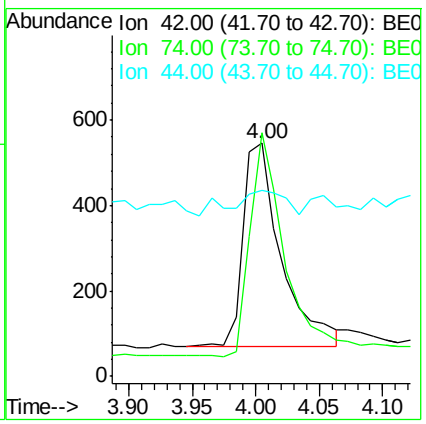


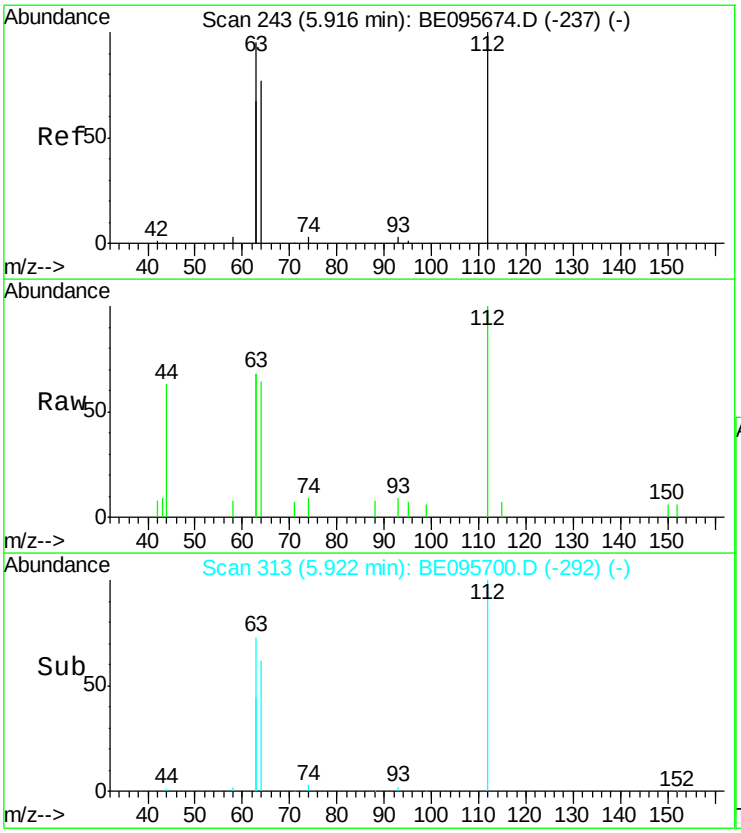
#3
n-Nitrosodimethylamine
Concen: 0.426 ng
RT: 4.00 min Scan# 117
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 996

Ion	Ratio	Lower	Upper
42	100		
74	99.2	96.0	144.0
44	16.5	12.0	18.0

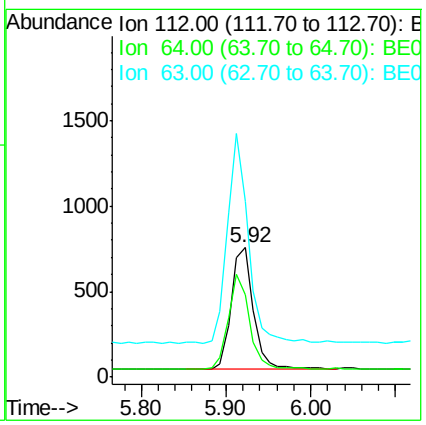


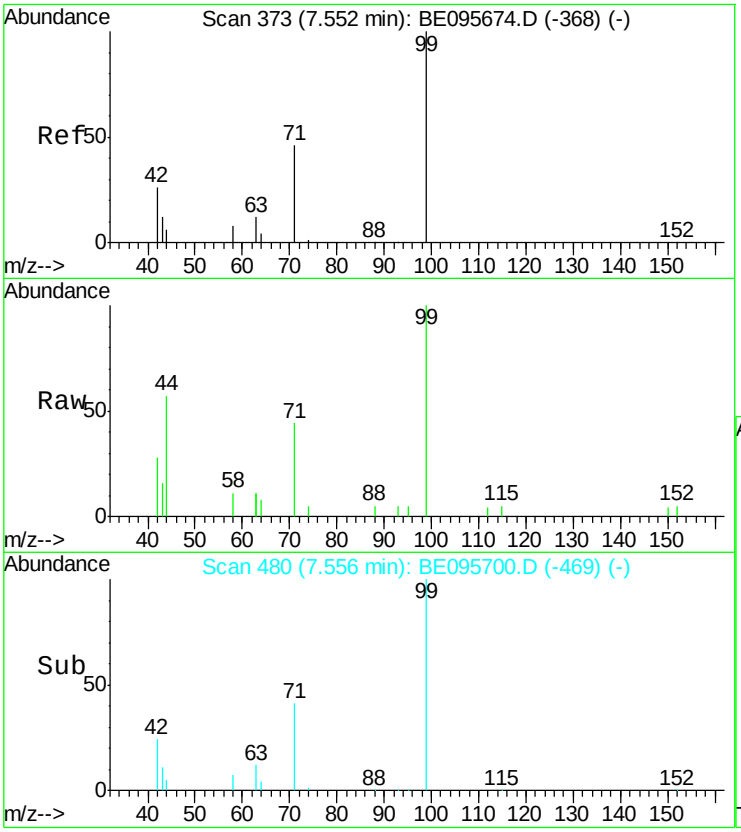


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:112 Resp: 1316

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.1	90.1
63	160.0	116.8	175.2



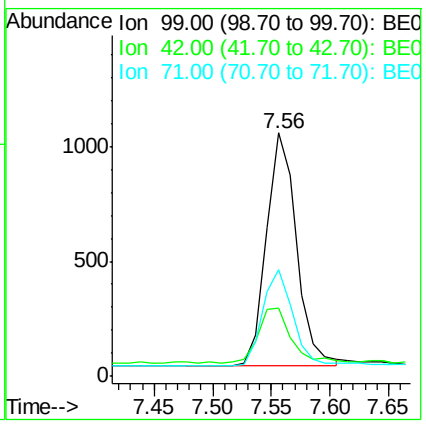


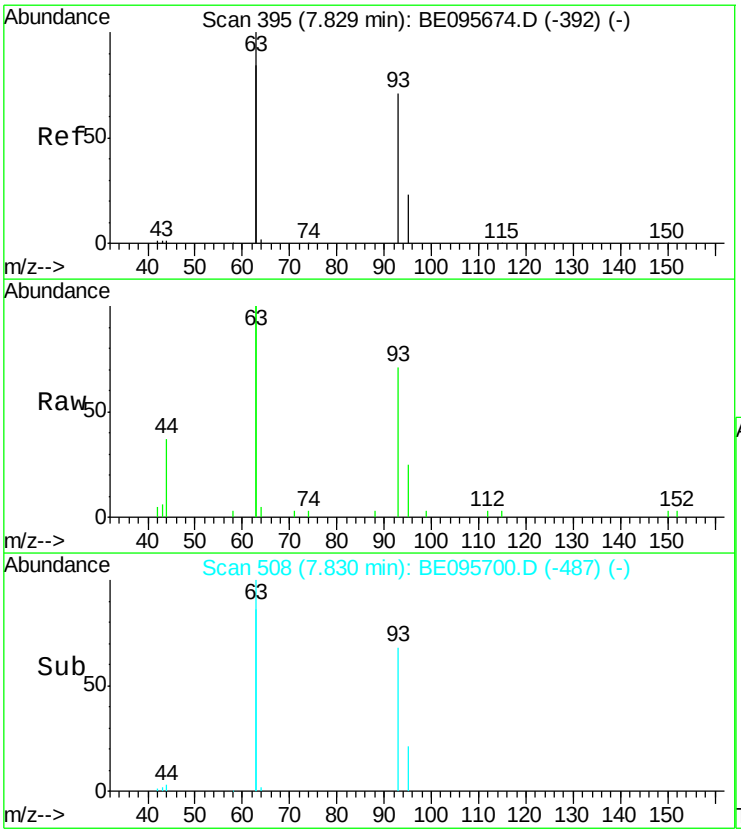
#5
Phenol-d6
Concen: 0.412 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1806

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.2	30.2
71	41.8	28.4	42.6

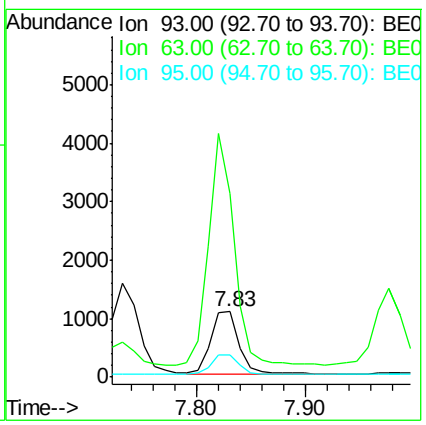


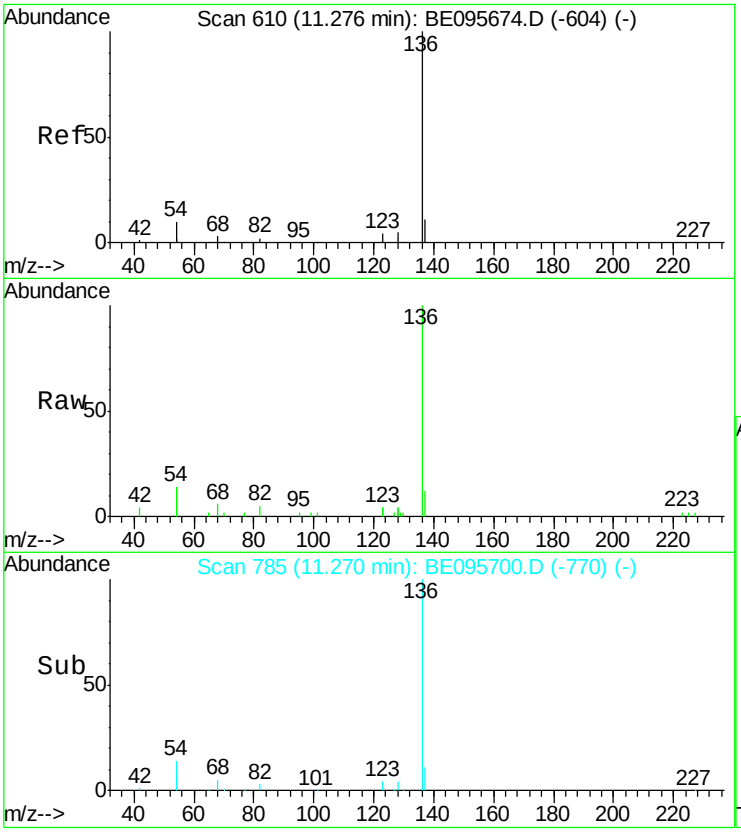


#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 7.83 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion: 93 Resp: 1902

Ion	Ratio	Lower	Upper
93	100		
63	334.3	275.3	412.9
95	32.1	25.2	37.8



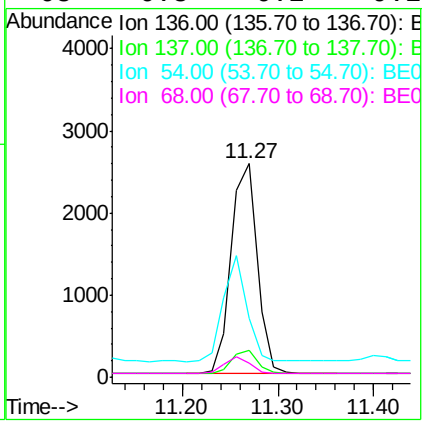


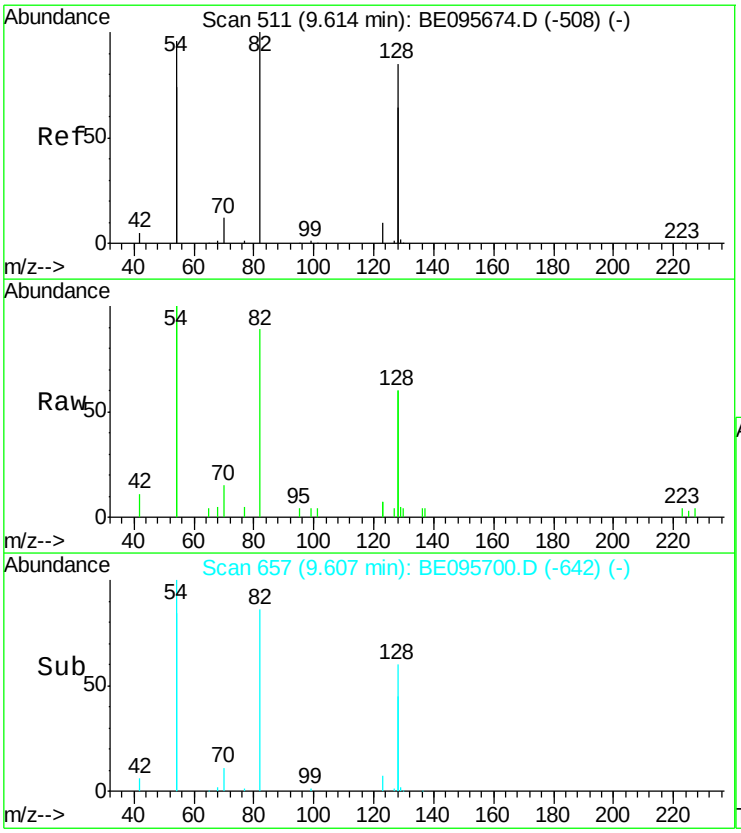
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4823

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	27.6	29.1	43.7#
68	6.3	6.2	9.2

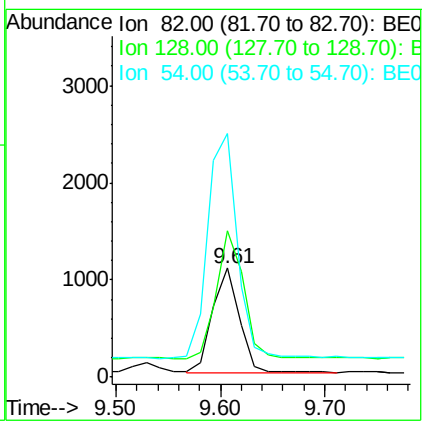


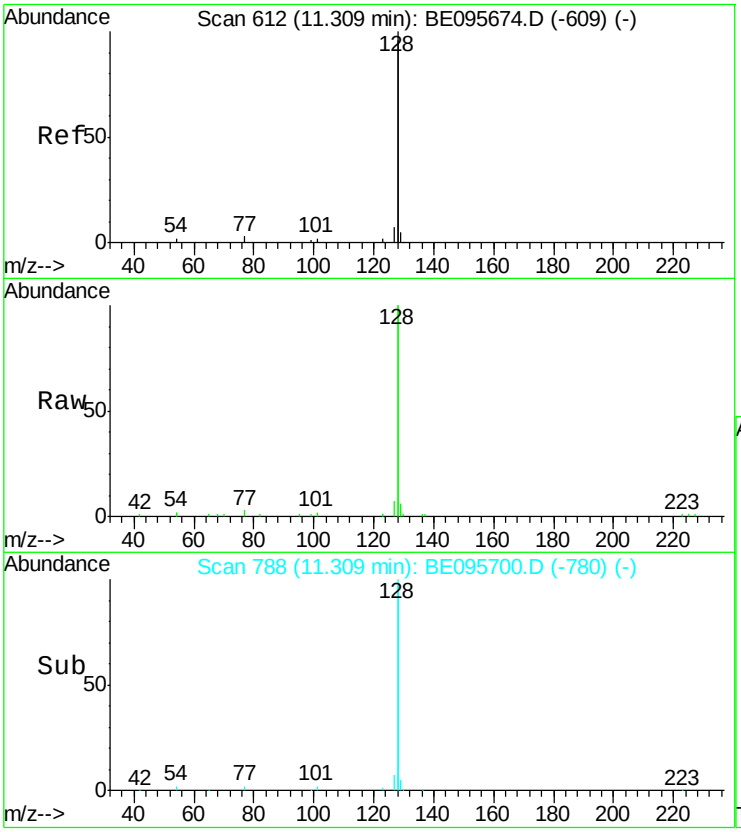


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion: 82 Resp: 1901

Ion	Ratio	Lower	Upper
82	100		
128	134.8	150.0	225.0#
54	223.8	154.2	231.4



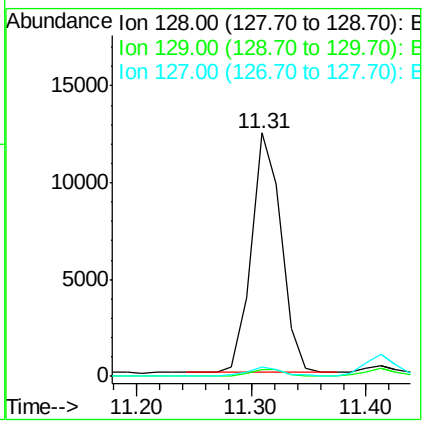


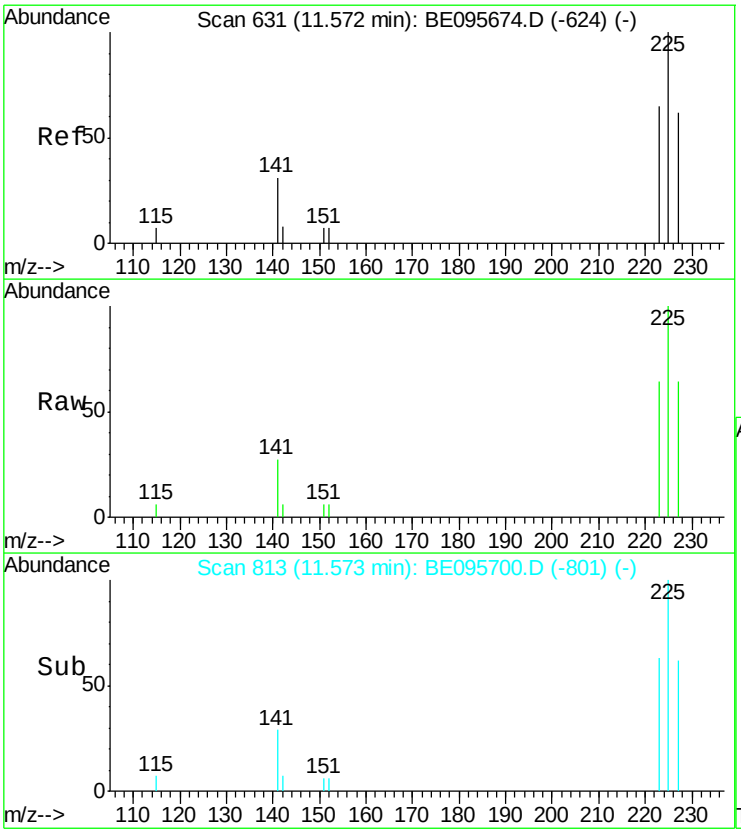
#9
Naphthalene
Concen: 0.406 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 22545

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.7	2.8	4.2

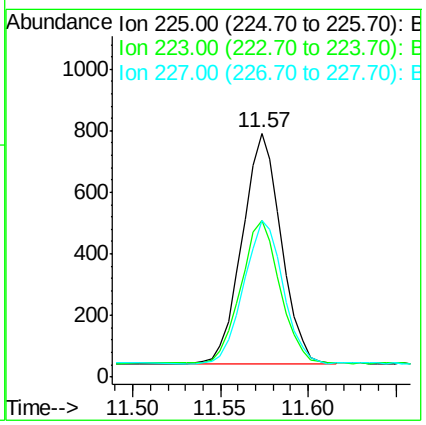


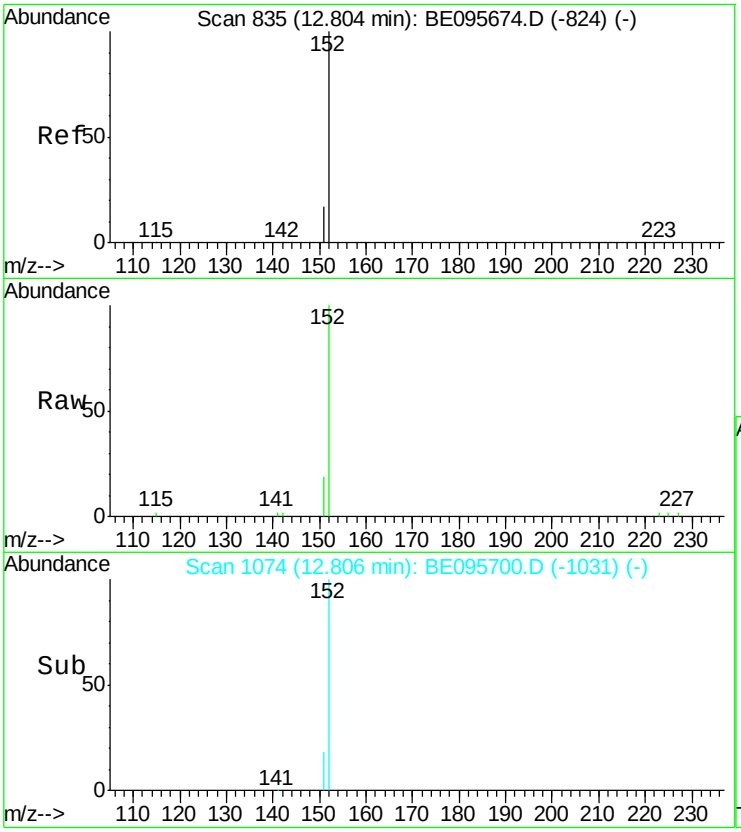


#10
Hexachlorobutadiene
Concen: 0.357 ng
RT: 11.57 min Scan# 813
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:225 Resp: 1159

Ion	Ratio	Lower	Upper
225	100		
223	81.0	53.0	79.6#
227	62.6	51.4	77.2



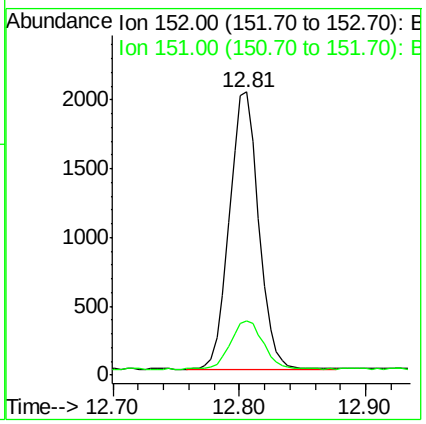


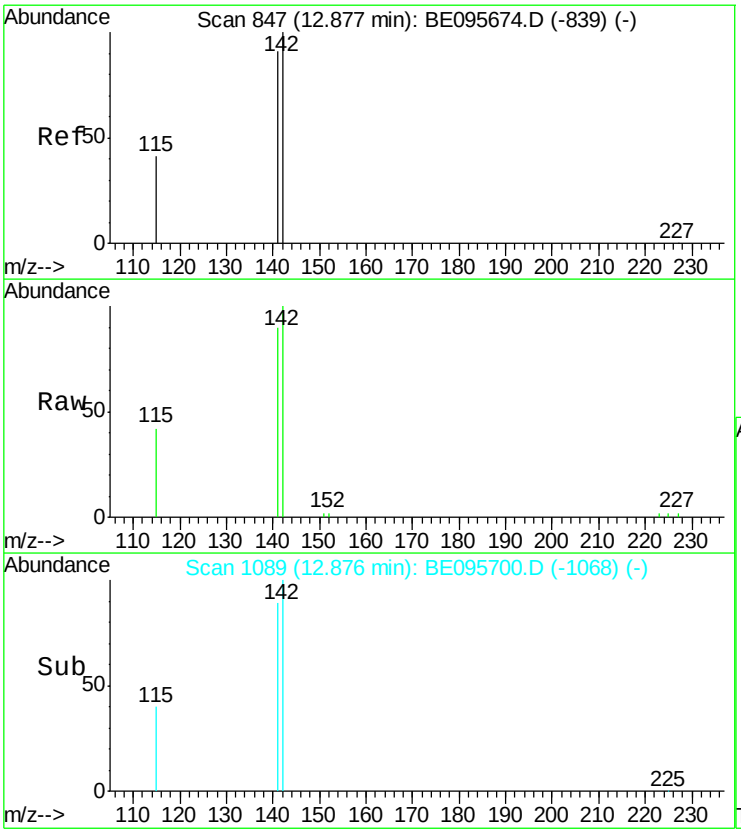
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.81 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3228

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

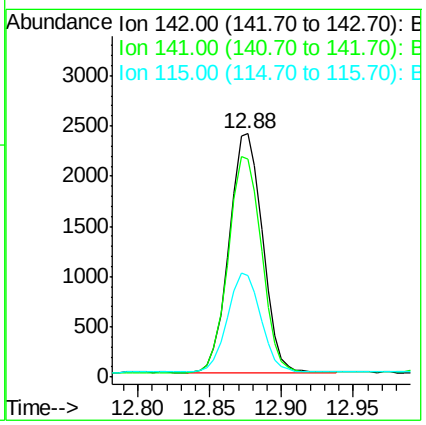


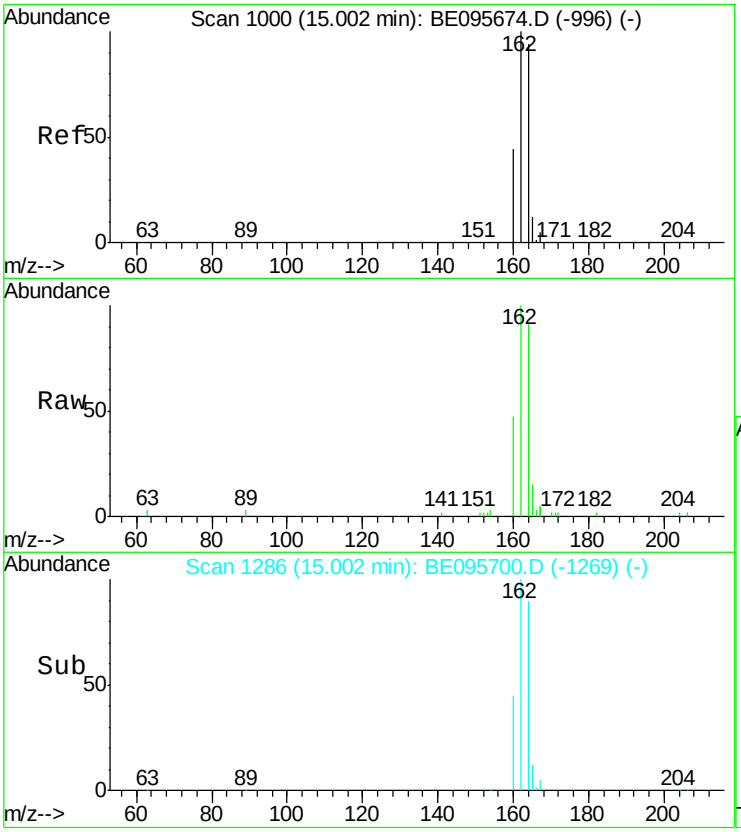


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.88 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:142 Resp: 3819

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6
115	41.6	31.7	47.5



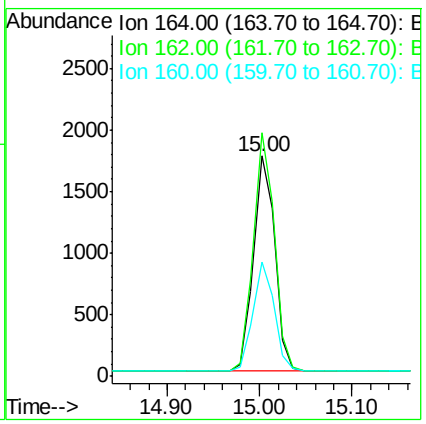


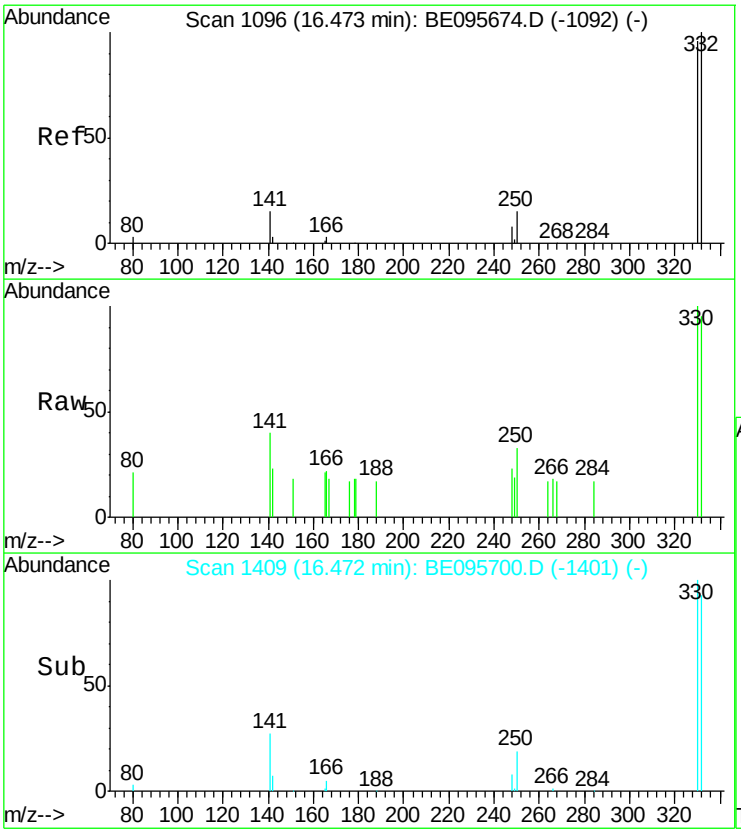
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2800

Ion	Ratio	Lower	Upper
164	100		
162	110.4	83.1	124.7
160	51.6	37.1	55.7

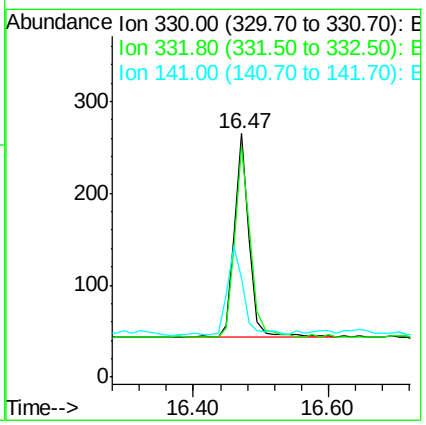


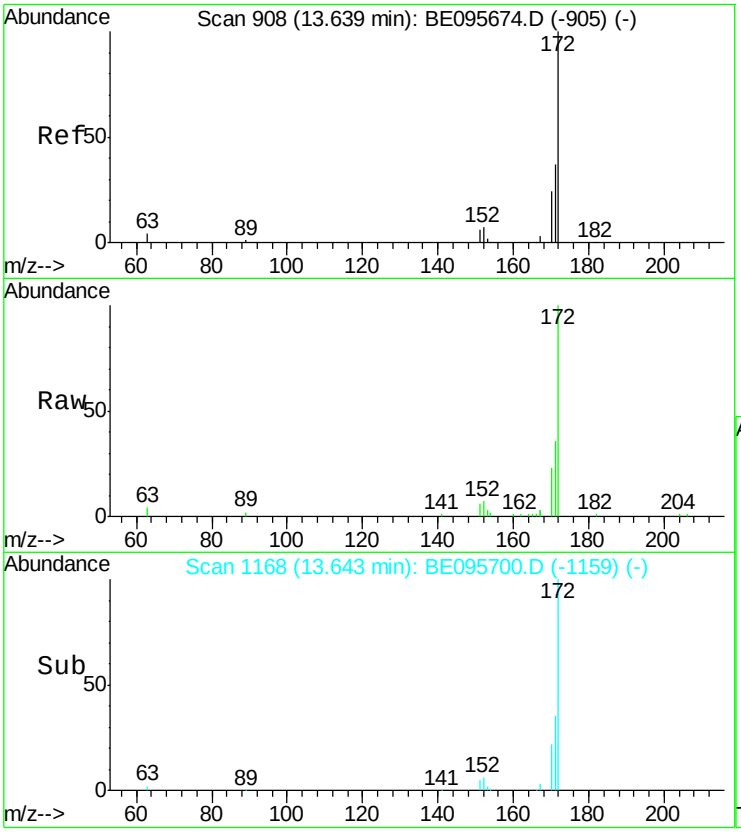


#14
2,4,6-Tribromophenol
Concen: 0.377 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:330 Resp: 350

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	46.3	33.7	50.5



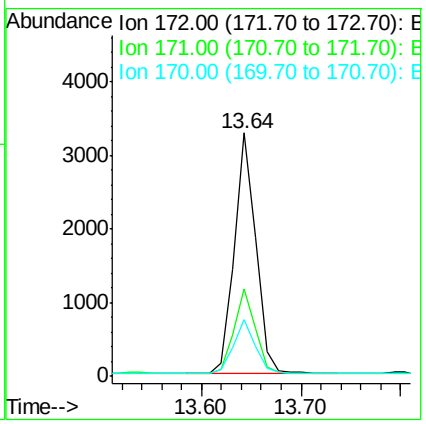


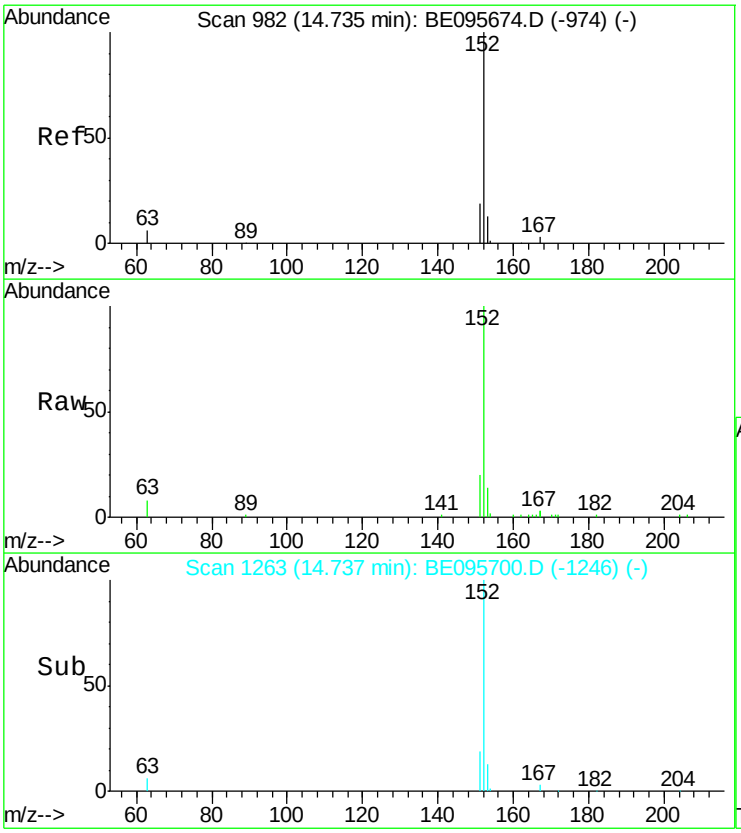
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4818

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	23.4	21.8	32.8

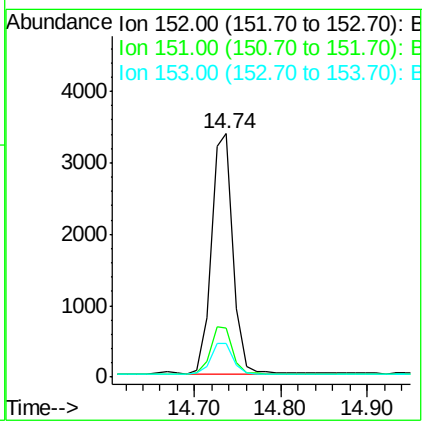


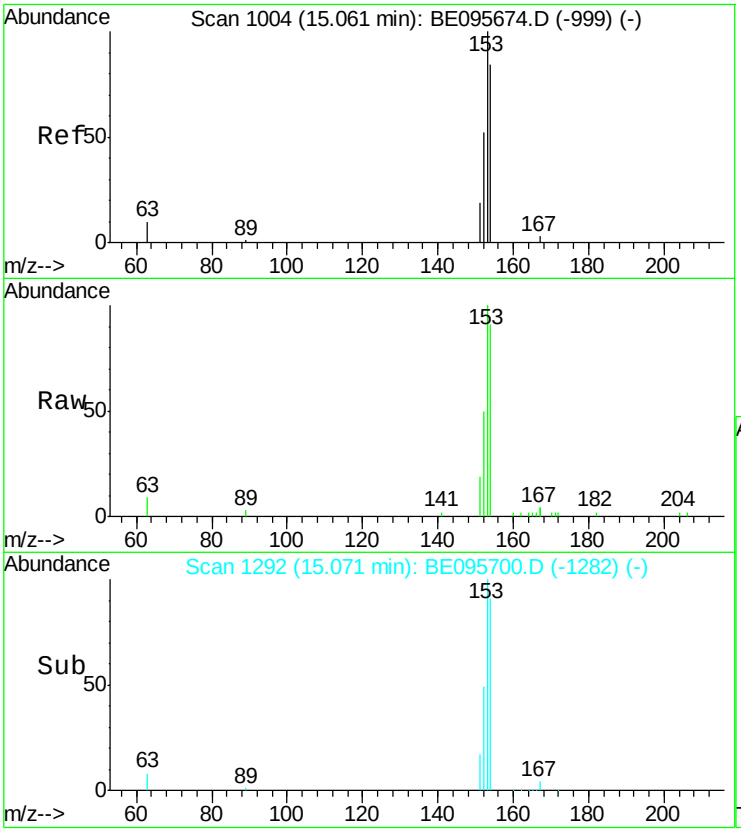


#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.74 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:152 Resp: 5851

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	10.5	15.7



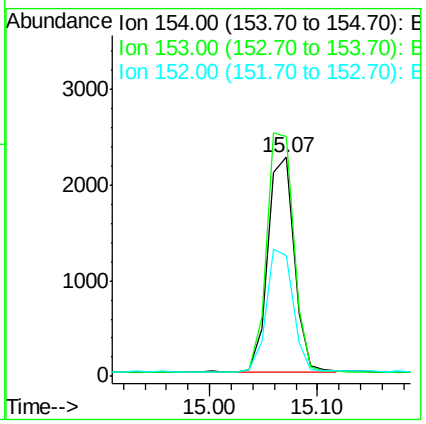


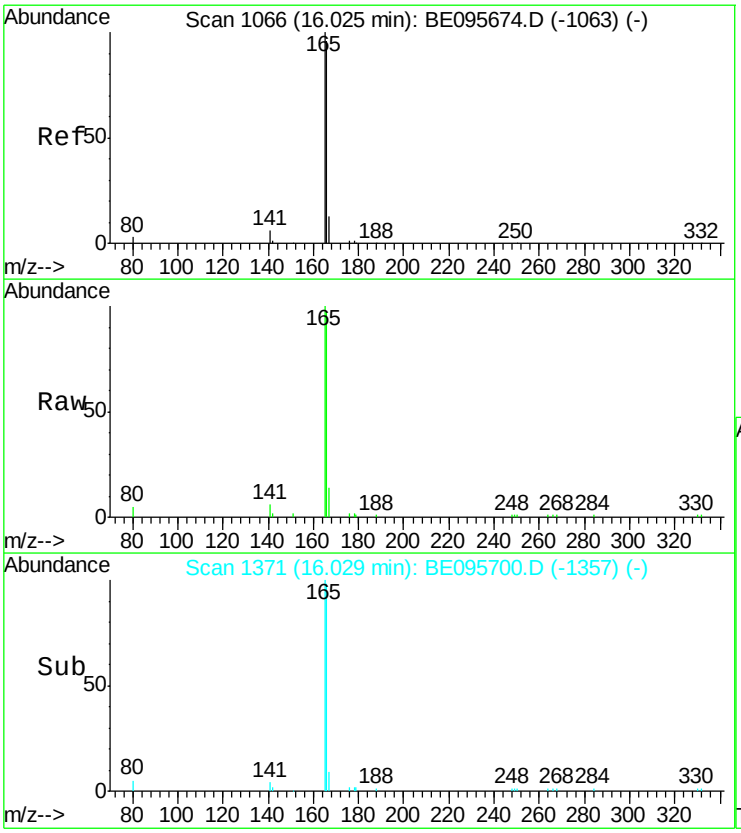
#17
Acenaphthene
Concen: 0.387 ng
RT: 15.07 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3818

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.2	133.8
152	57.6	42.0	63.0

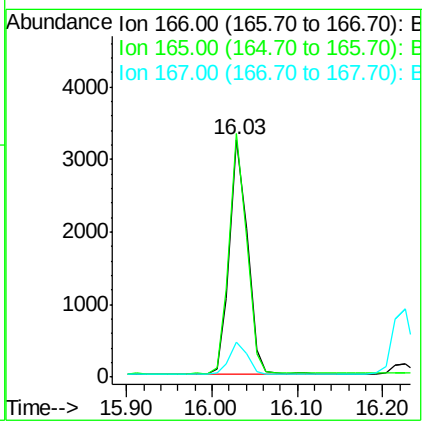


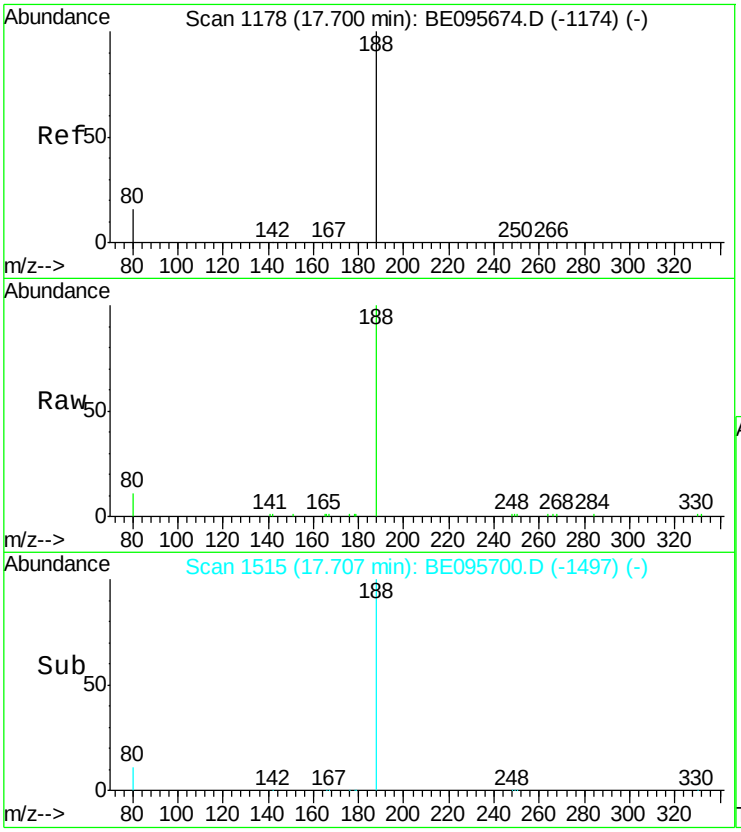


#18
Fluorene
Concen: 0.385 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:166 Resp: 4715

Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.8	116.6
167	13.4	42.4	63.6#



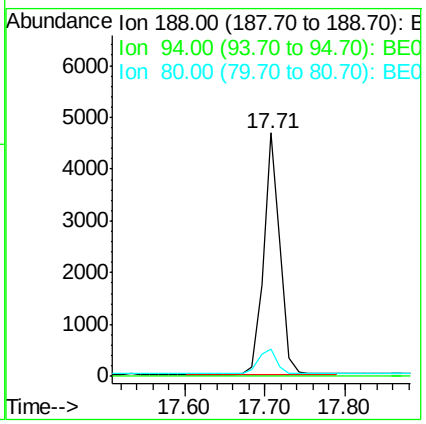


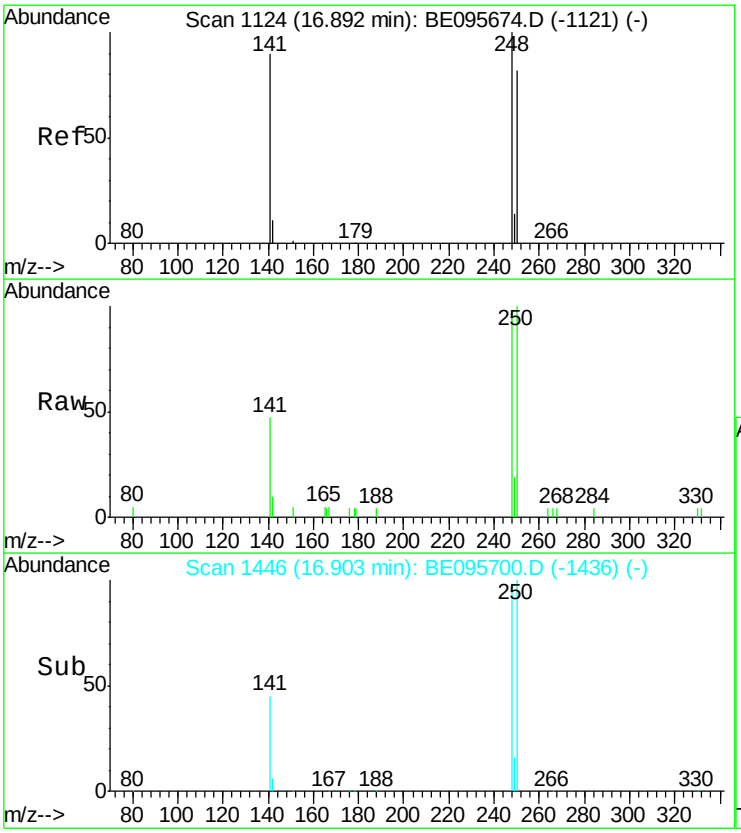
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6614

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.5	3.6	5.4#

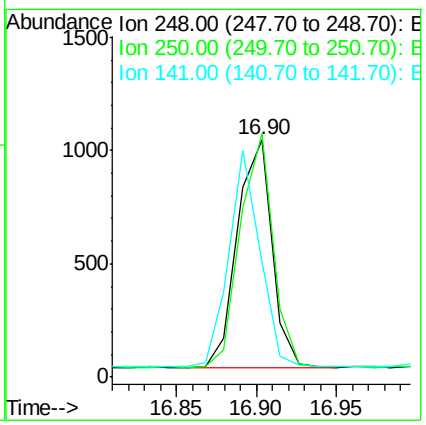


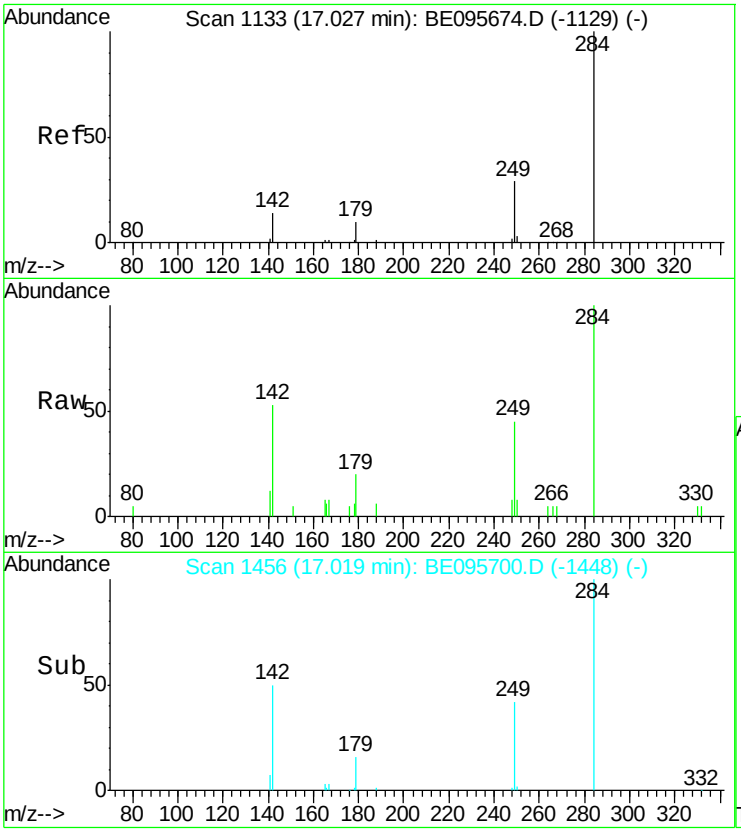


#20
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.90 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:248 Resp: 1498

Ion	Ratio	Lower	Upper
248	100		
250	102.5	62.7	94.1#
141	48.4	48.2	72.2



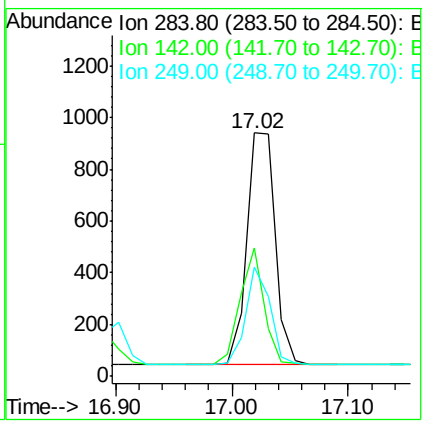


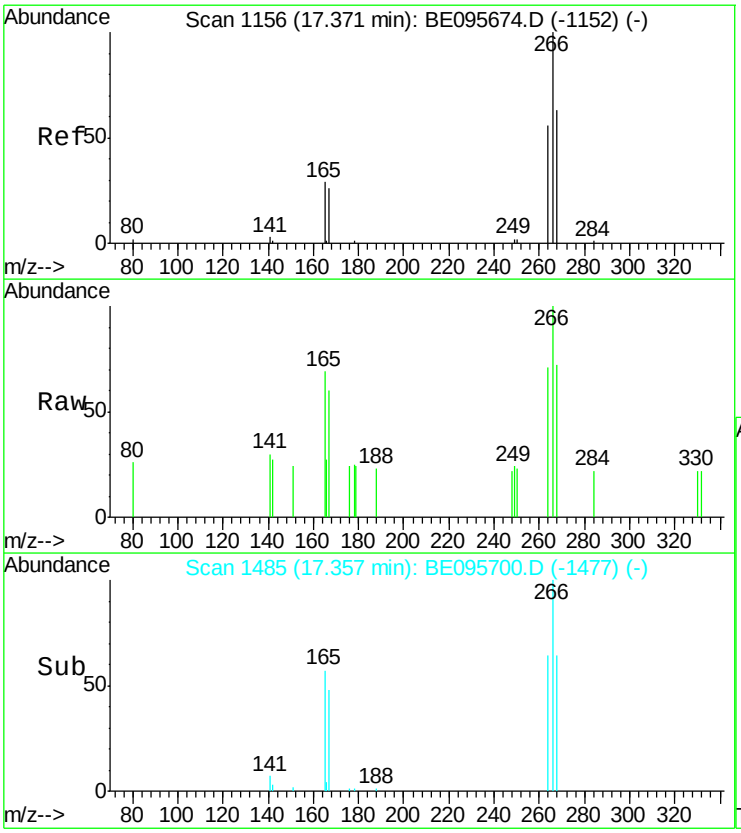
#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1536

Ion	Ratio	Lower	Upper
284	100		
142	42.2	22.1	33.1#
249	35.7	34.8	52.2

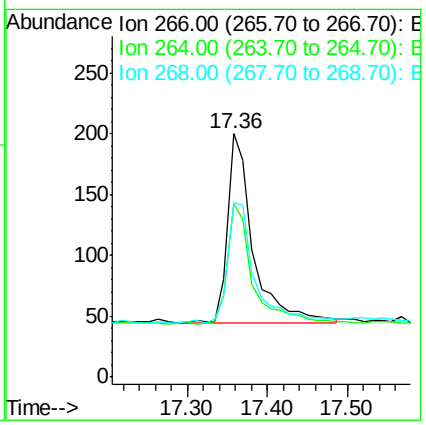


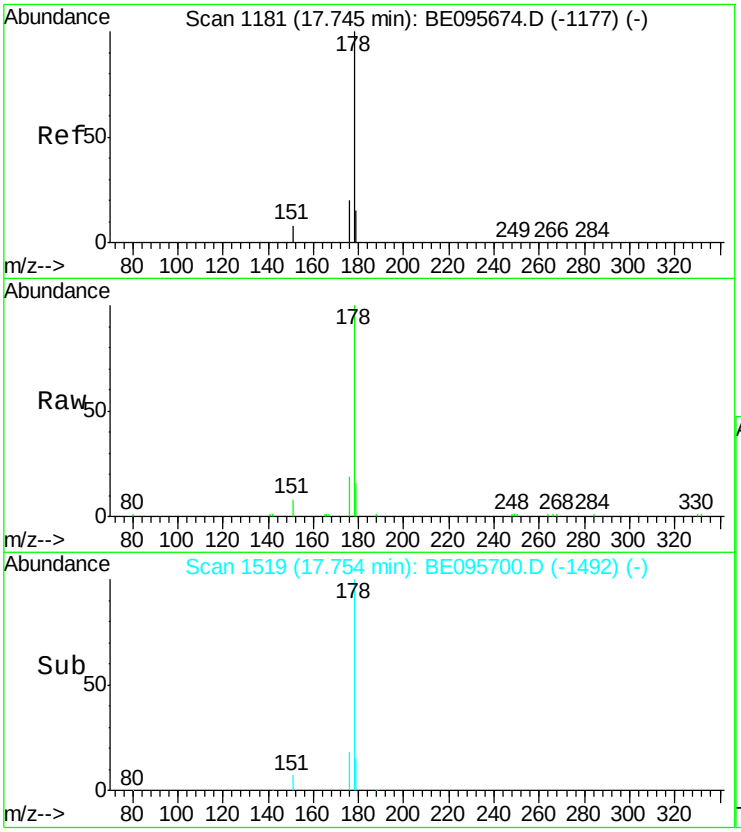


#22
Pentachlorophenol
Concen: 0.395 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:266 Resp: 341

Ion	Ratio	Lower	Upper
266	100		
264	71.0	72.5	108.7#
268	71.5	73.8	110.6#



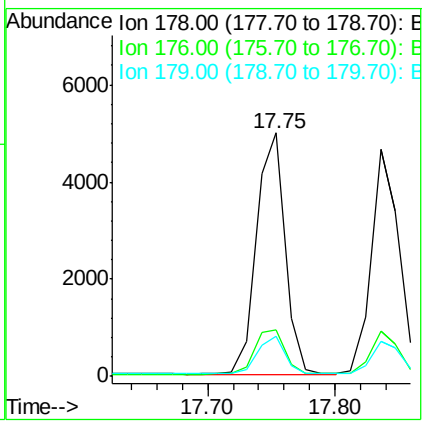


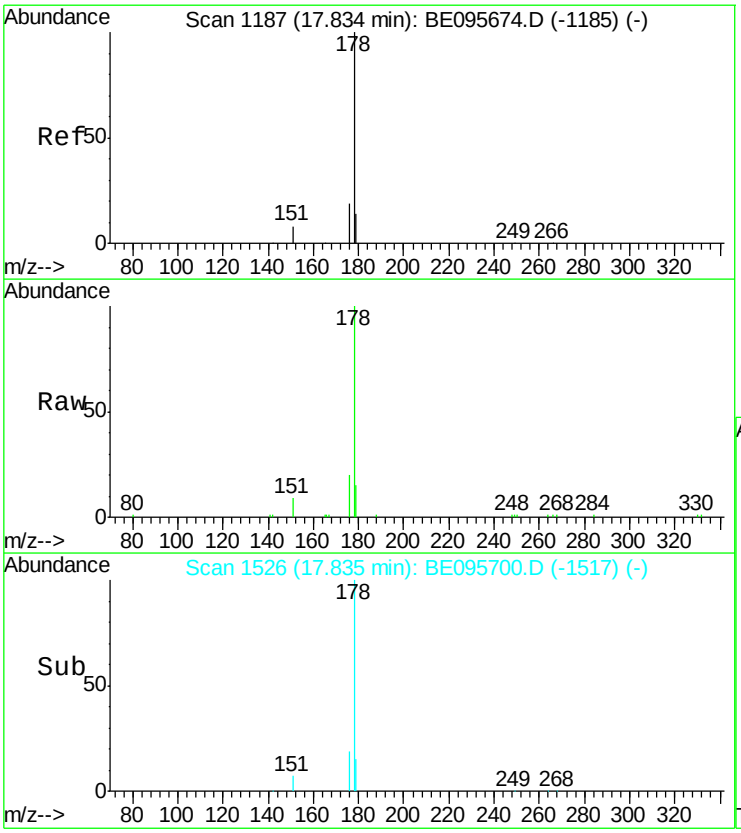
#23
Phenanthrene
Concen: 0.377 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7787

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	14.6	11.8	17.6

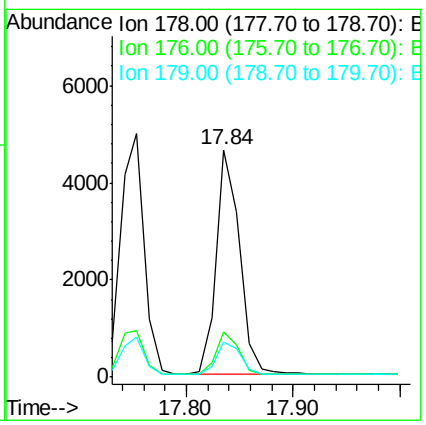


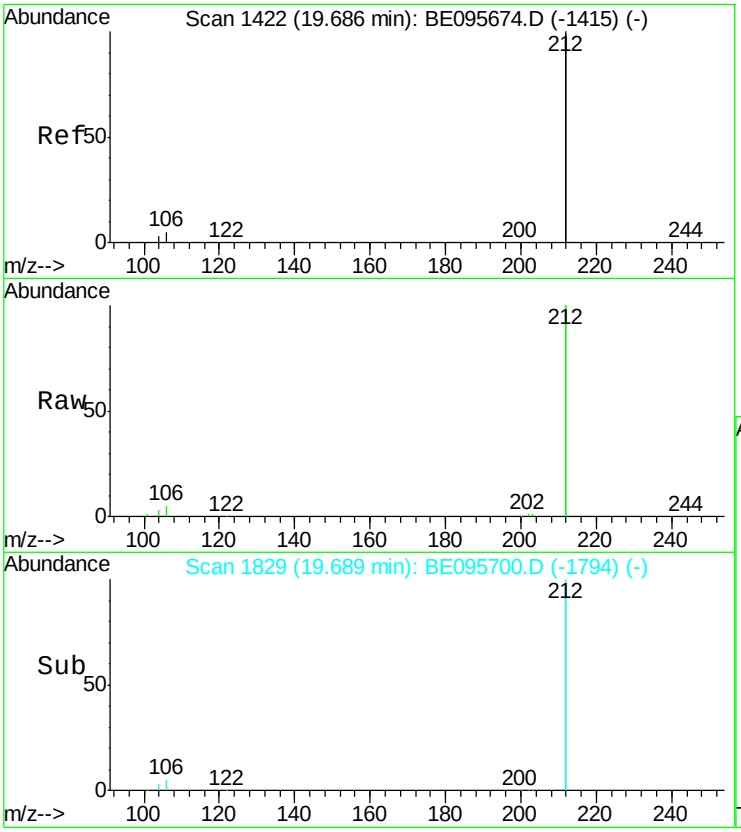


#24
Anthracene
Concen: 0.368 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:178 Resp: 6988

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.3	13.0	19.6



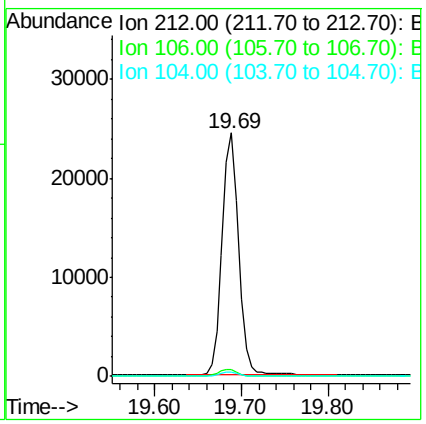


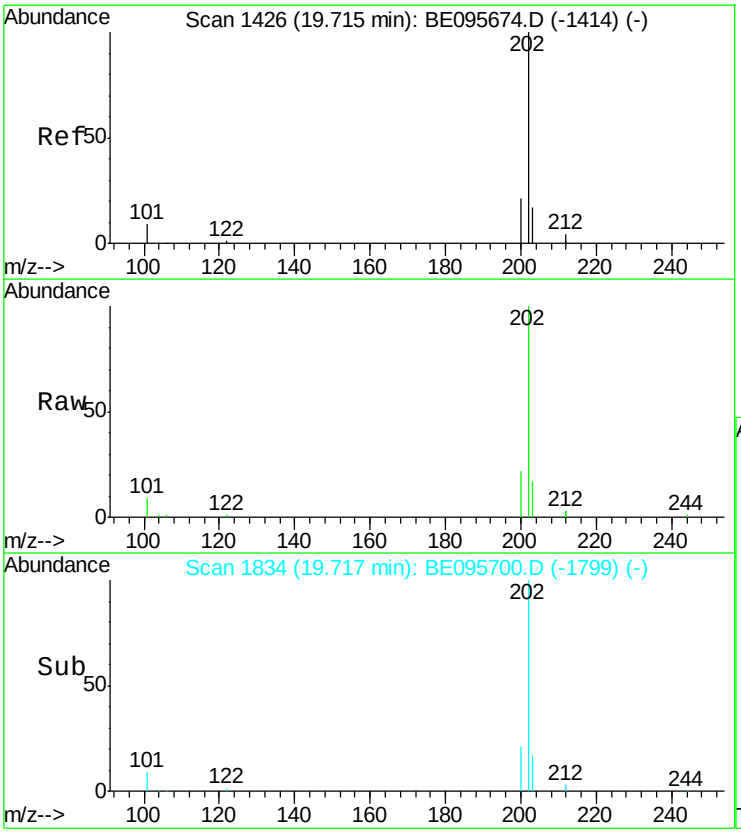
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 32175

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

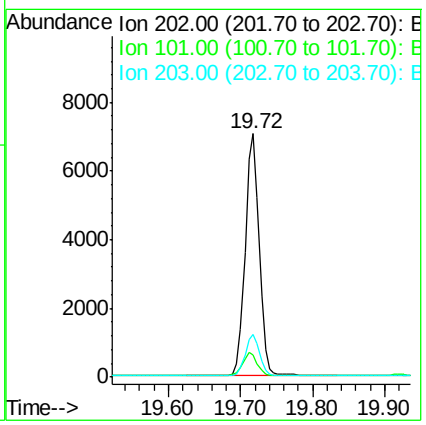


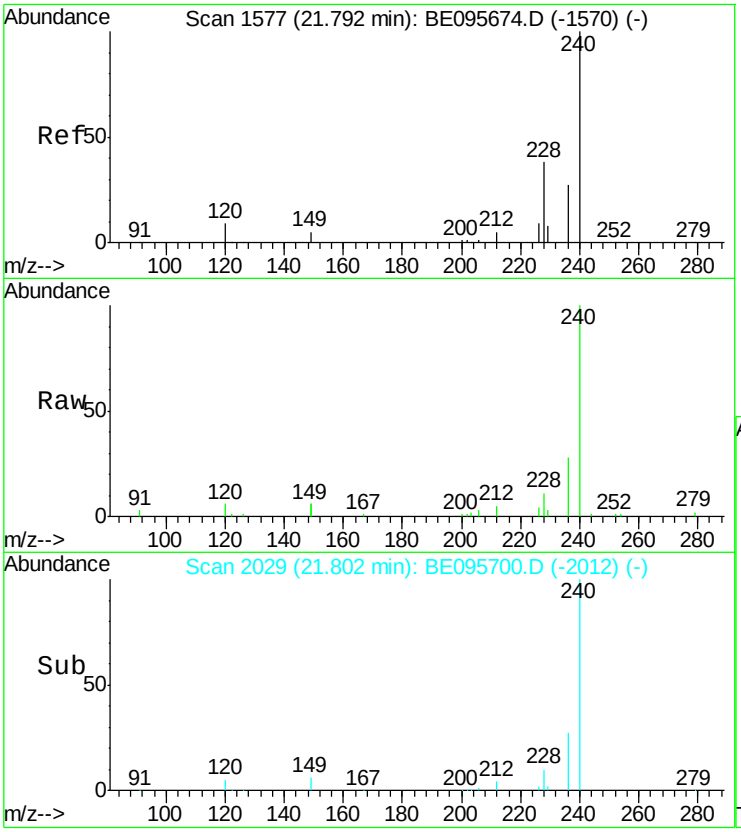


#26
Fluoranthene
Concen: 0.373 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:202 Resp: 9498

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	16.9	13.7	20.5



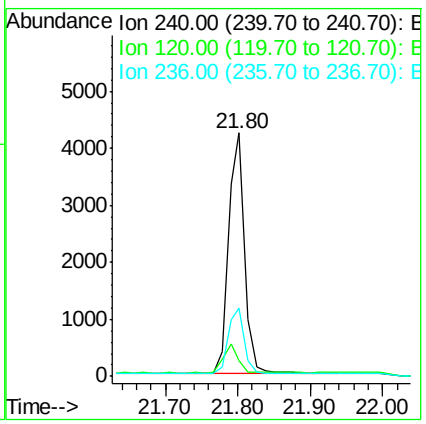


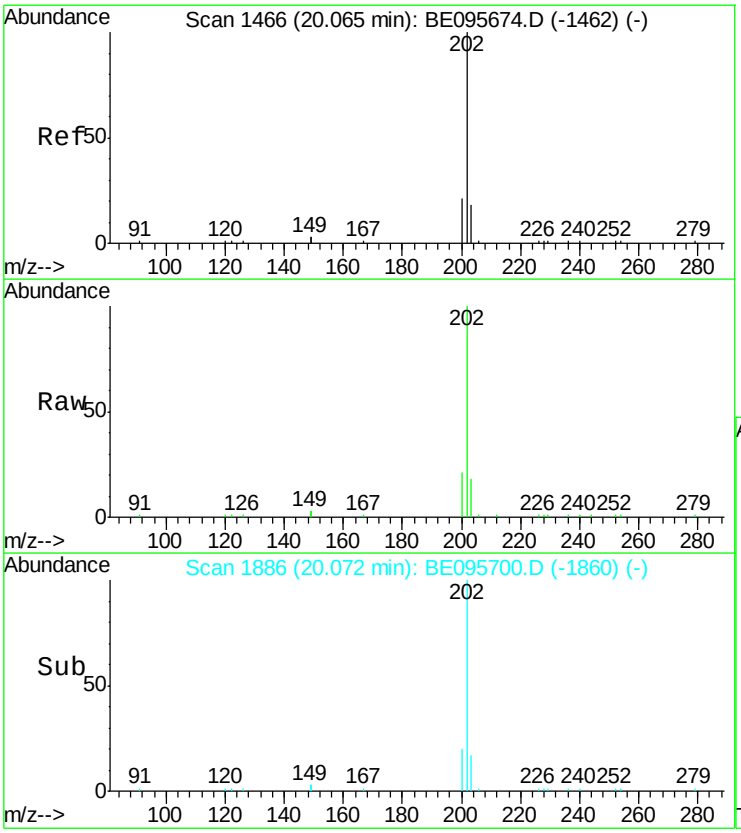
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6710

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.5	8.3
236	28.0	20.7	31.1

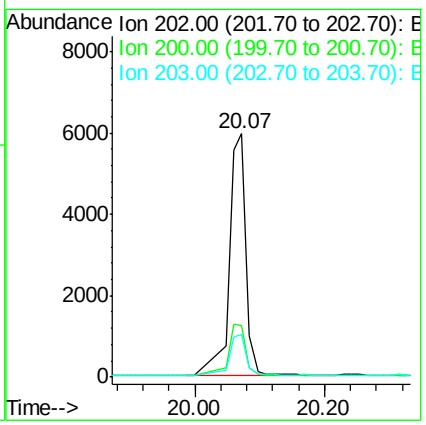


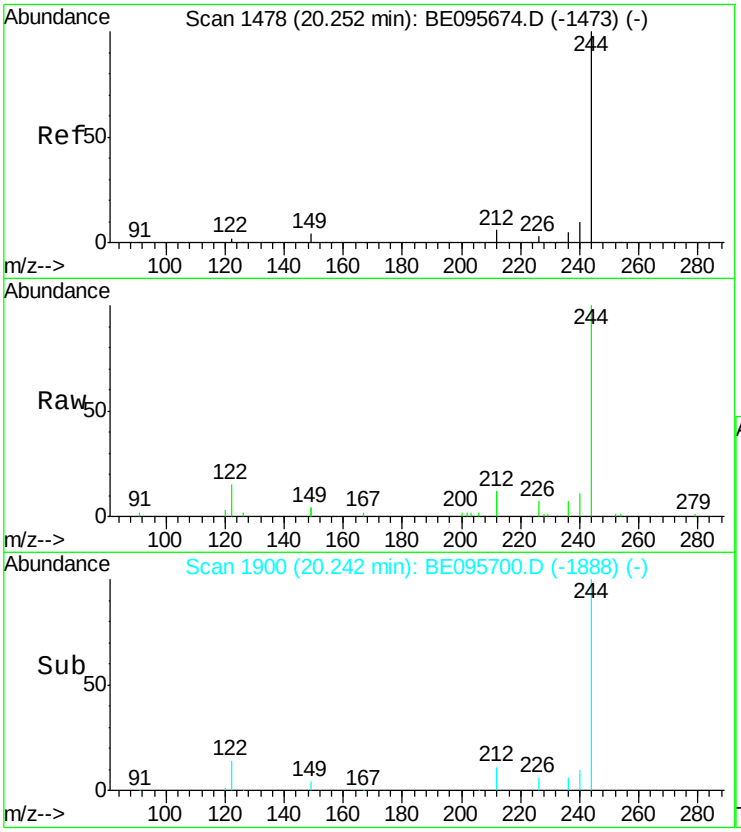


#28
Pyrene
Concen: 0.395 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:202 Resp: 10834

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.6	25.0
203	18.8	13.8	20.8



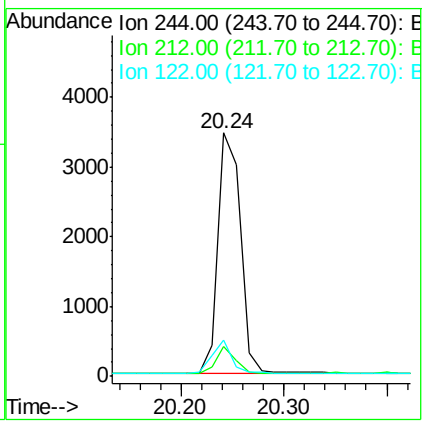


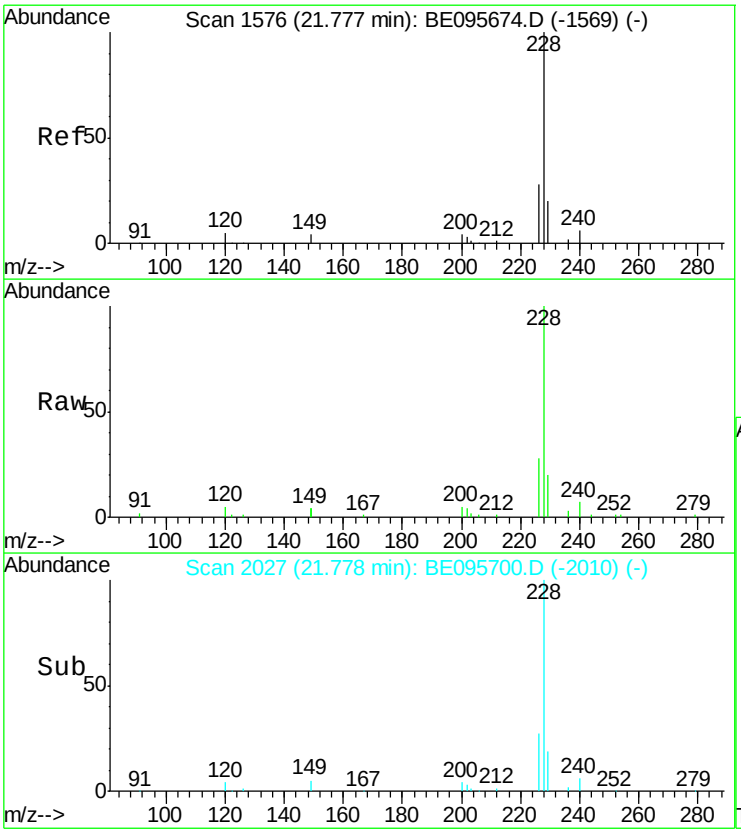
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5249

Ion	Ratio	Lower	Upper
244	100		
212	12.4	25.4	38.0#
122	14.8	8.1	12.1#

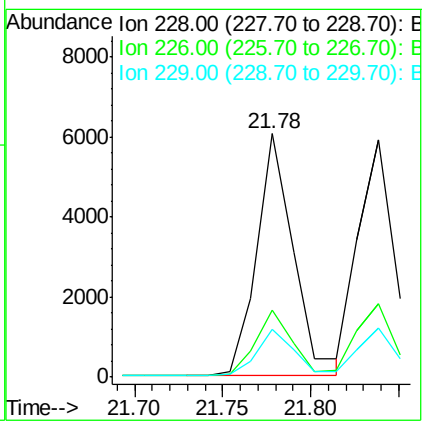


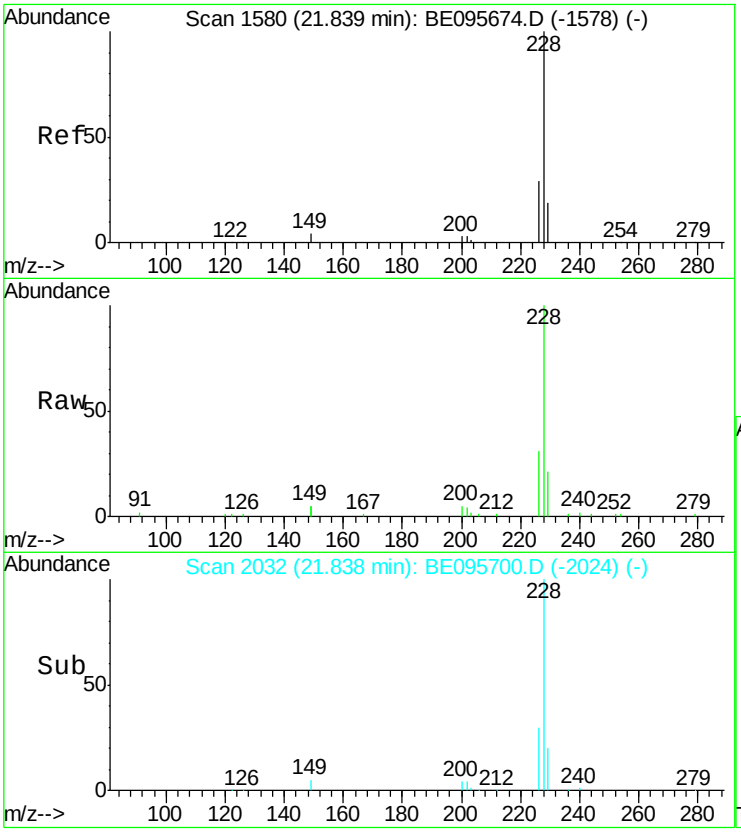


#30
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:228 Resp: 8678

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.0	36.0
229	19.8	16.0	24.0



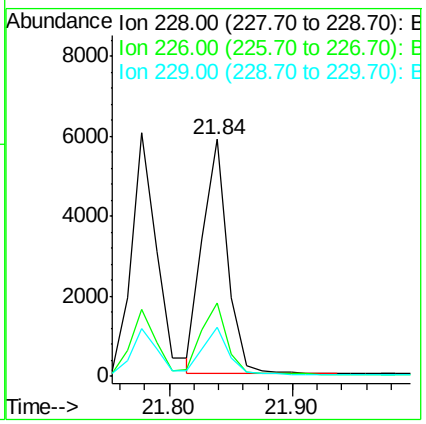


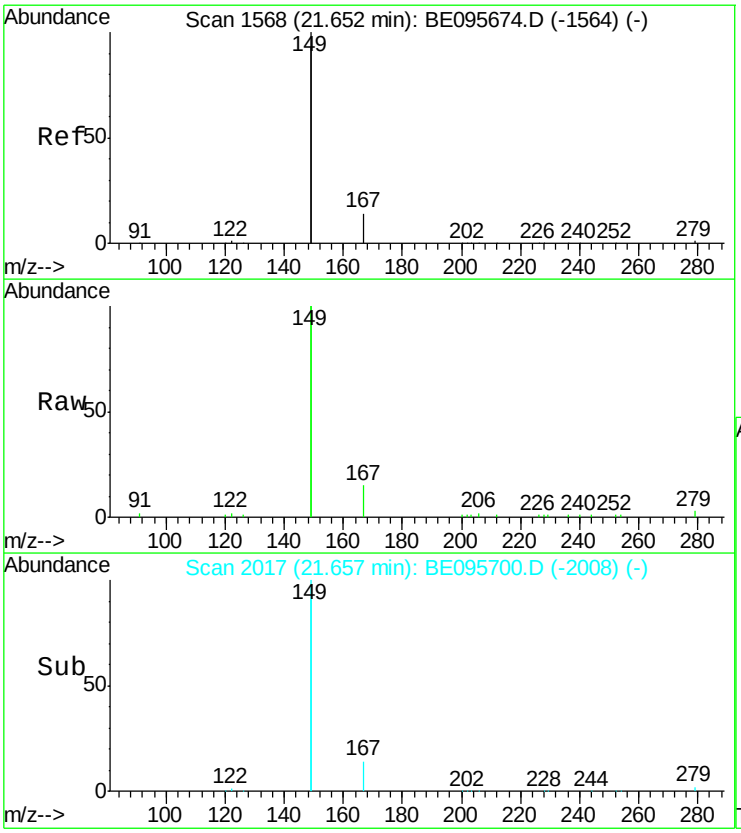
#31
Chrysene
Concen: 0.381 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8293

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.6	16.0	24.0

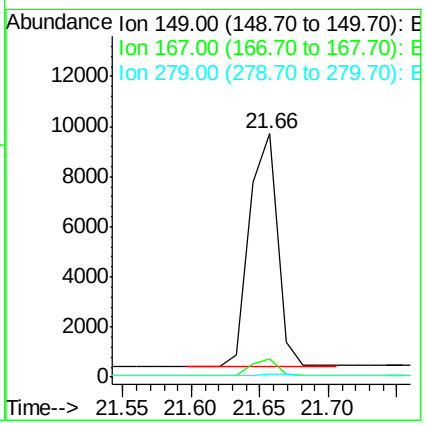


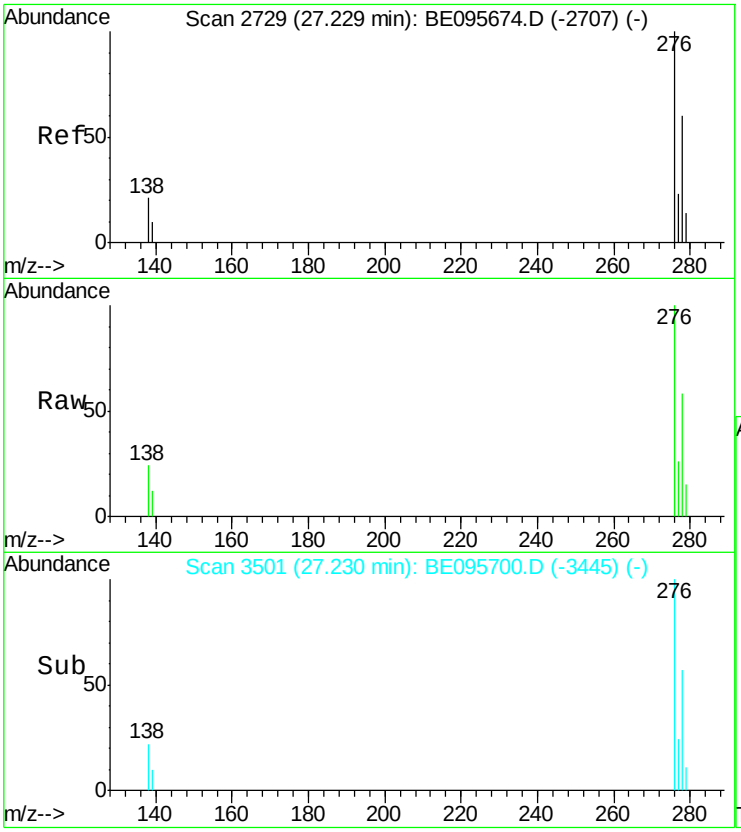


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.344 ng
RT: 21.66 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:149 Resp: 13319

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



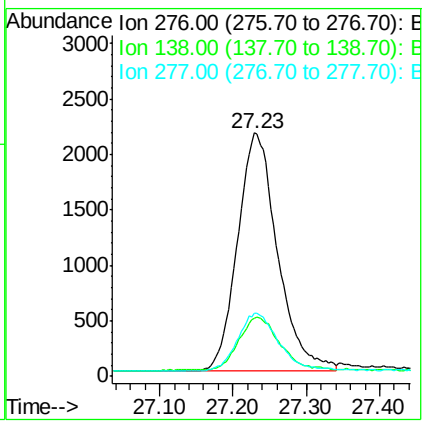


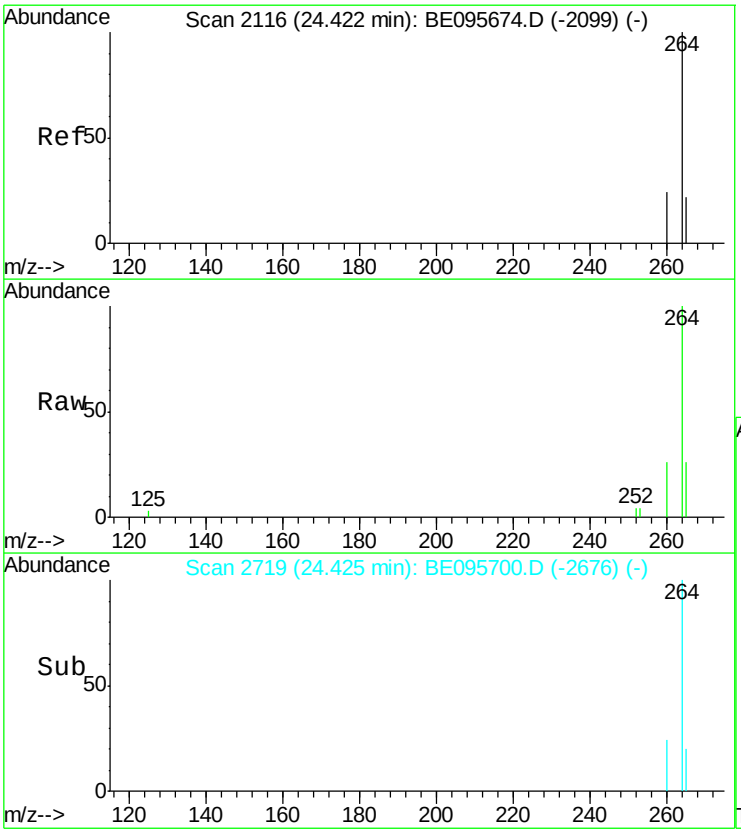
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 27.23 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8106

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.5	33.7#
277	25.2	19.9	29.9

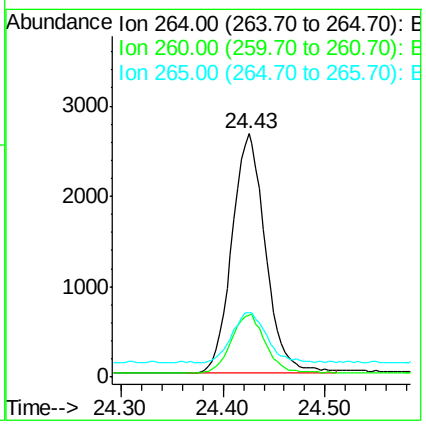


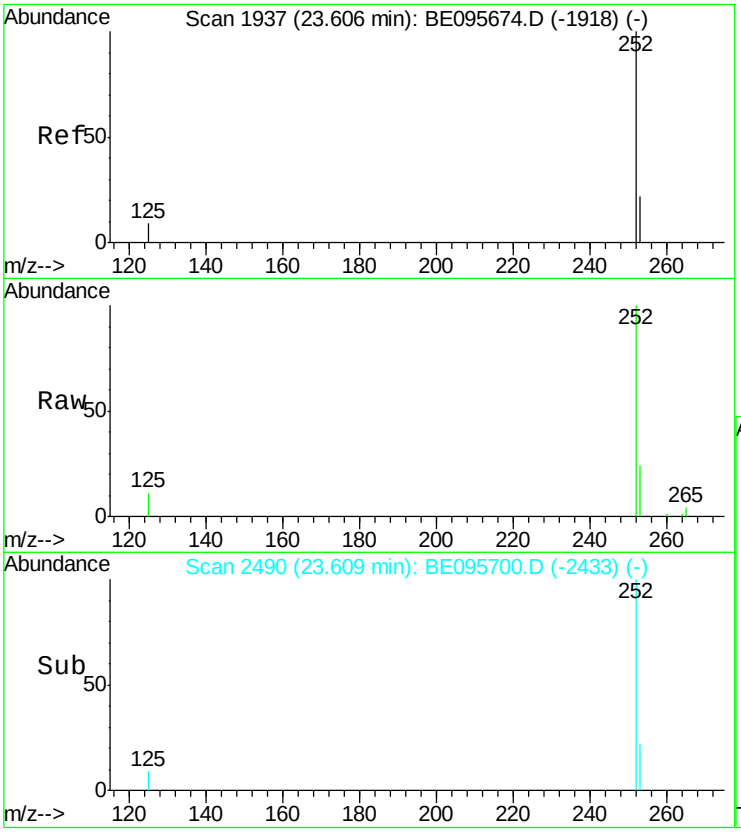


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:264 Resp: 6038

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	26.5	22.8	34.2



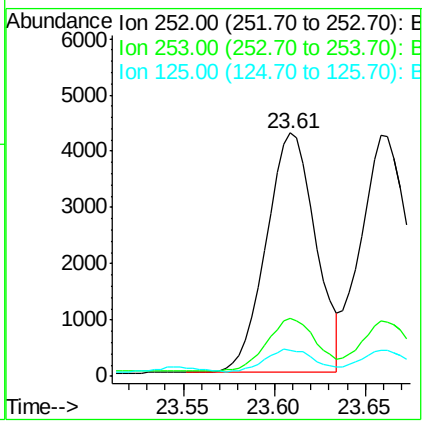


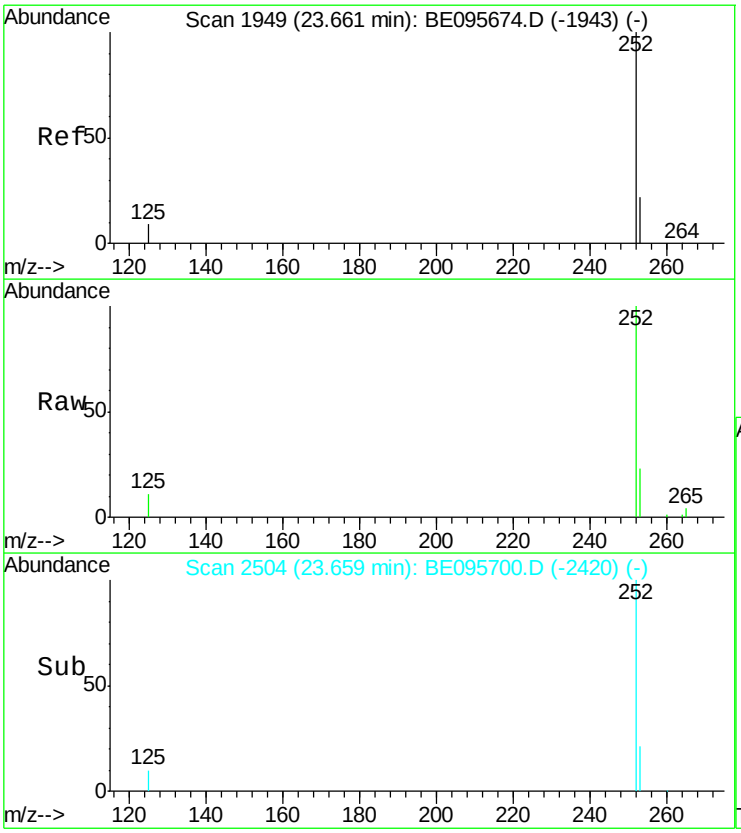
#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8033

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	10.5	16.0	24.0#

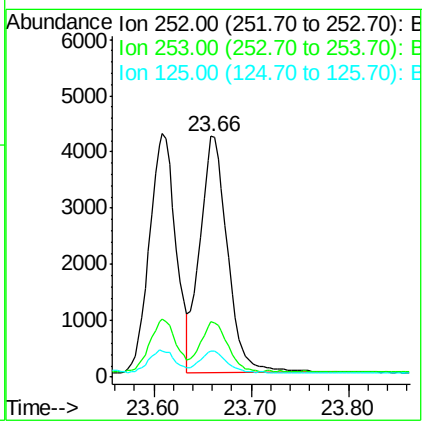


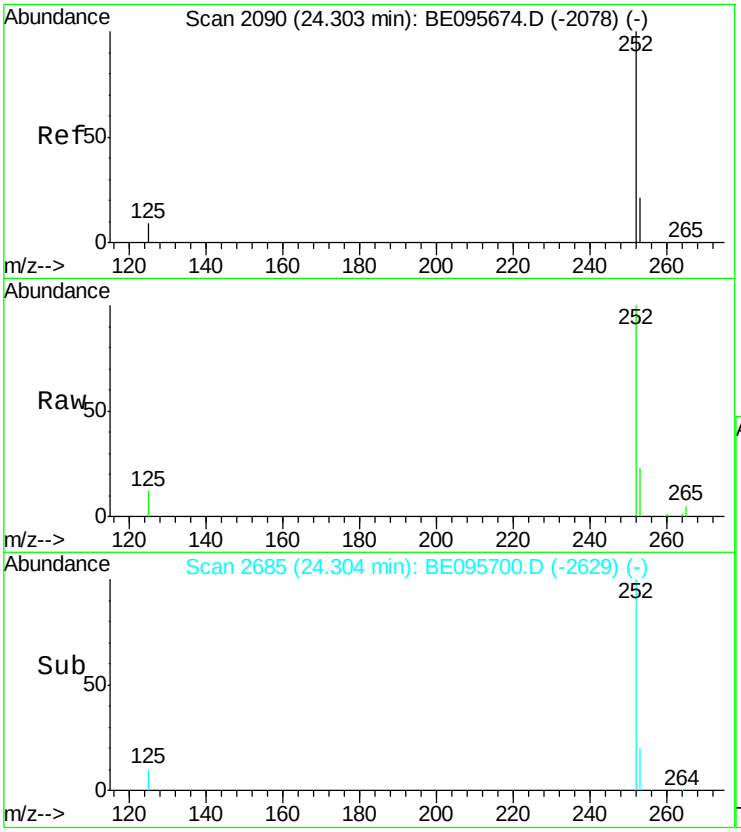


#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 23.66 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:252 Resp: 8268

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	11.0	8.0	12.0



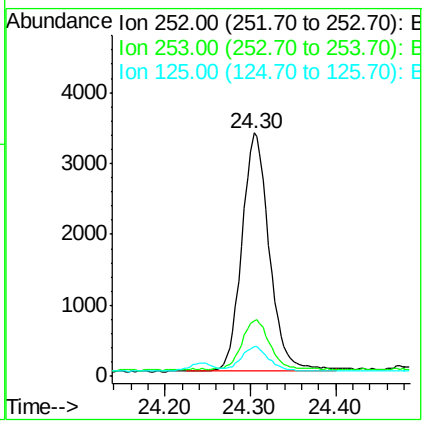


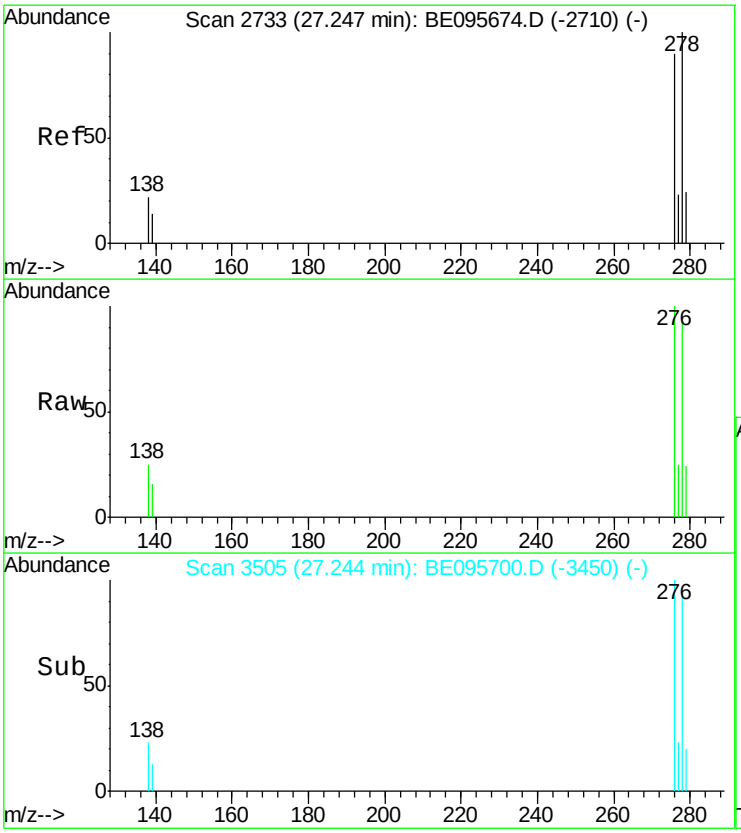
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 24.30 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7557

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	12.1	12.0	18.0

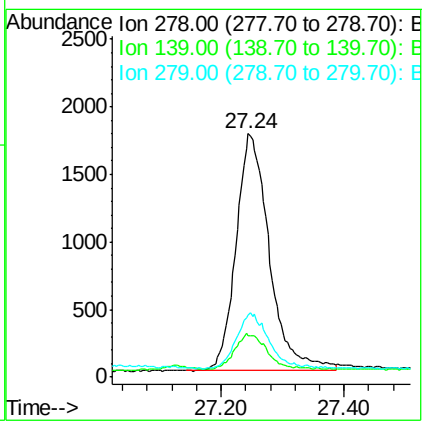


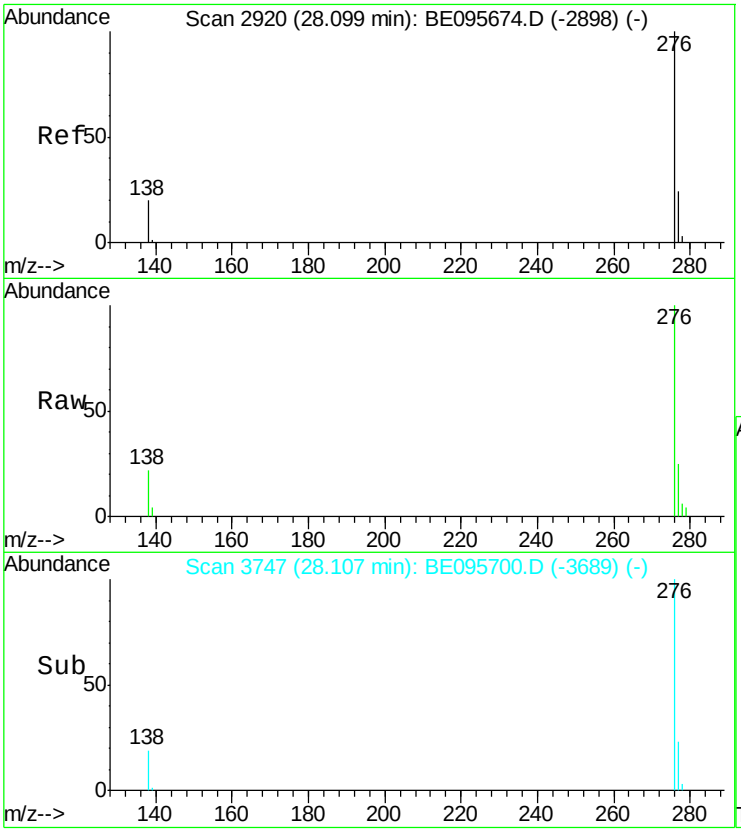


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 27.24 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Tgt Ion:278 Resp: 6633

Ion	Ratio	Lower	Upper
278	100		
139	17.1	16.0	24.0
279	25.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 28.11 min Scan# 3747
Delta R.T. 0.01 min
Lab File: BE095700.D
Acq: 6 Mar 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6876

Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.0	24.0#
138	21.6	20.0	30.0