Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
Data File : BE095040.D
Acq On : 22 Dec 2017 11:38
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 22 17:35:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6284	0.40	ng		-0.01
7) Naphthalene-d8	11.31	136	15531	0.40	ng		-0.02
13) Acenaphthene-d10	15.05	164	8943	0.40	ng		-0.02
19) Phenanthrene-d10	17.74	188	20525	0.40	ng		-0.03
27) Chrysene-d12	21.84	240	20807	0.40	ng		-0.03
34) Perylene-d12	24.50	264	17992	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	4296	0.44	ng		-0.01
5) Phenol-d6	7.58	99	6375	0.44	ng		-0.01
8) Nitrobenzene-d5	9.65	82	5087	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	10019	0.39	ng		-0.02
14) 2,4,6-Tribromophenol	16.50	330	749	0.36	ng		-0.03
15) 2-Fluorobiphenyl	13.68	172	15136	0.38	ng		-0.02
25) Fluoranthene-d10	19.72	212	99987	0.38	ng		-0.03
29) Terphenyl-d14	20.28	244	16567	0.42	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2426	0.392	ng	#	87
3) n-Nitrosodimethylamine	4.02	42	3032	0.414	ng		97
6) bis(2-Chloroethyl)ether	7.86	93	5937	0.420	ng		91
9) Naphthalene	11.36	128	70209	0.385	ng		99
10) Hexachlorobutadiene	11.61	225	3112	0.375	ng		98
12) 2-Methylnaphthalene	12.91	142	16378	0.360	ng		97
16) Acenaphthylene	14.76	152	18125	0.379	ng		99
17) Acenaphthene	15.11	154	12124	0.382	ng		94
18) Fluorene	16.07	166	15334	0.389	ng	#	79
20) 4-Bromophenyl-phenylether	16.94	248	4645	0.387	ng		89
21) Hexachlorobenzene	17.06	284	4847	0.395	ng	#	82
22) Pentachlorophenol	17.40	266	955	0.393	ng	#	71
23) Phenanthrene	17.79	178	24863	0.389	ng		98
24) Anthracene	17.88	178	24242	0.369	ng	#	93
26) Fluoranthene	19.75	202	29988	0.380	ng		99
28) Pyrene	20.10	202	32268	0.458	ng		98
30) Benzo(a)anthracene	21.82	228	25590	0.421	ng	#	61
31) Chrysene	21.89	228	28869	0.422	ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.70	149	32825	0.424	ng	#	100
33) Indeno(1,2,3-cd)pyrene	27.34	276	23995	0.431	ng		98
35) Benzo(b)fluoranthene	23.67	252	25281	0.383	ng	#	90
36) Benzo(k)fluoranthene	23.67	252	25281	0.378	ng		94
37) Benzo(a)pyrene	24.38	252	23103	0.394	ng		95
38) Dibenzo(a,h)anthracene	27.36	278	19233	0.354	ng		97
39) Benzo(g,h,i)perylene	28.20	276	20135	0.372	ng	#	95

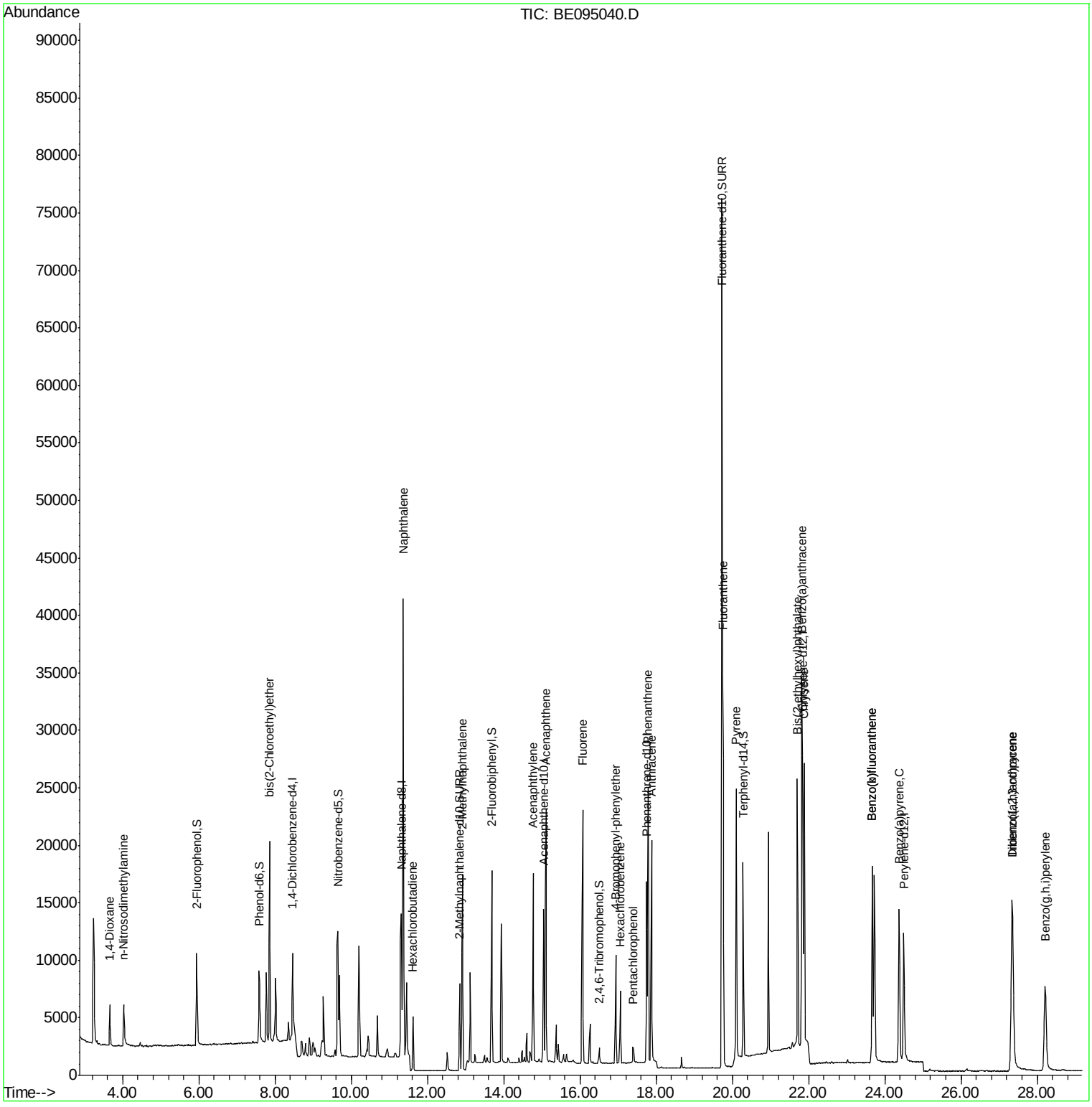
(#) = qualifier out of range (m) = manual integration (+) = signals summed

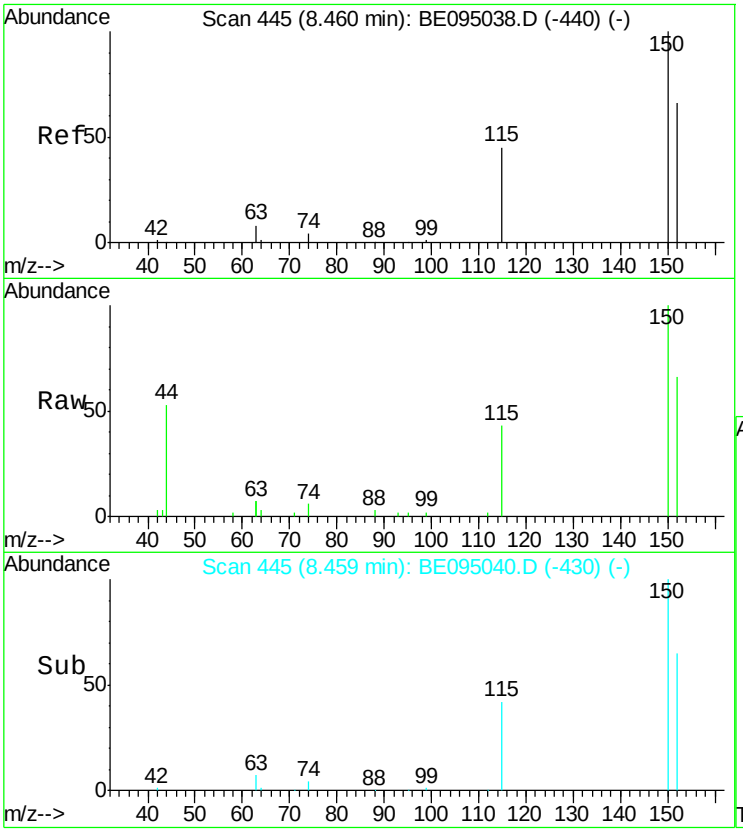
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
Data File : BE095040.D
Acq On : 22 Dec 2017 11:38
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 22 17:35:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



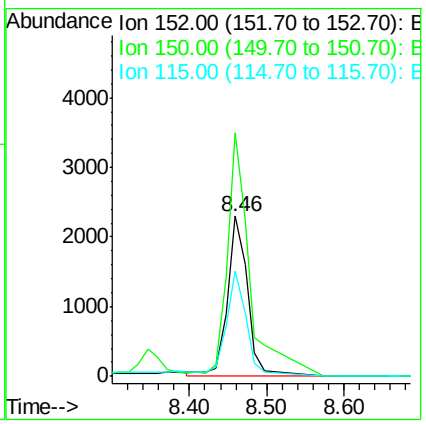


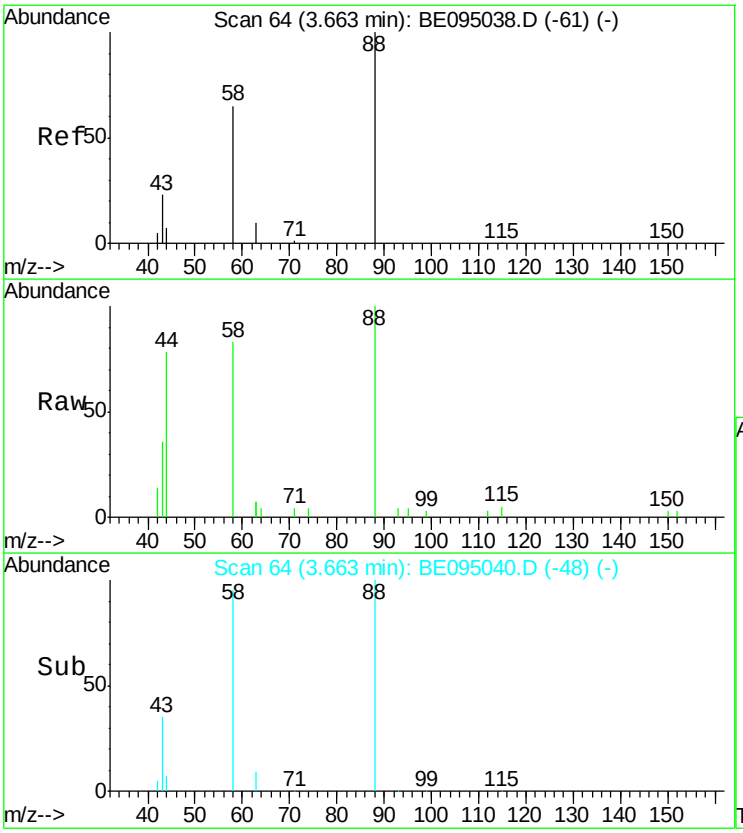
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6284

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	66.0	57.0	85.6

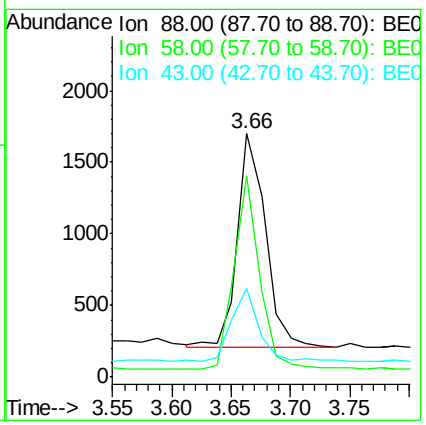


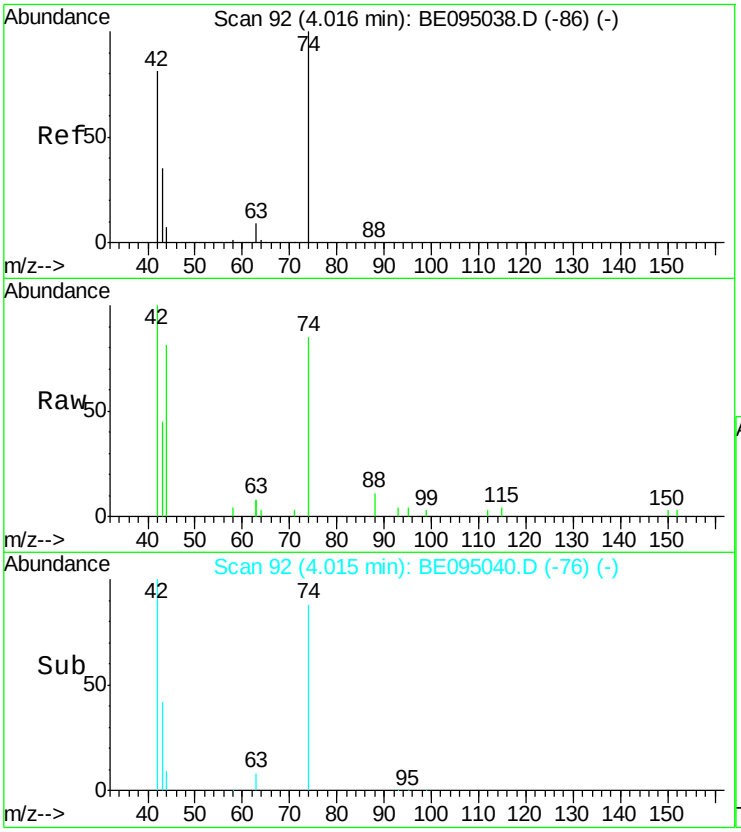


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion: 88 Resp: 2426

Ion	Ratio	Lower	Upper
88	100		
58	84.8	63.2	94.8
43	35.0	41.2	61.8#



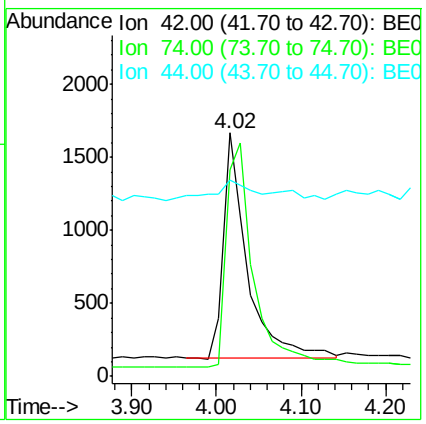


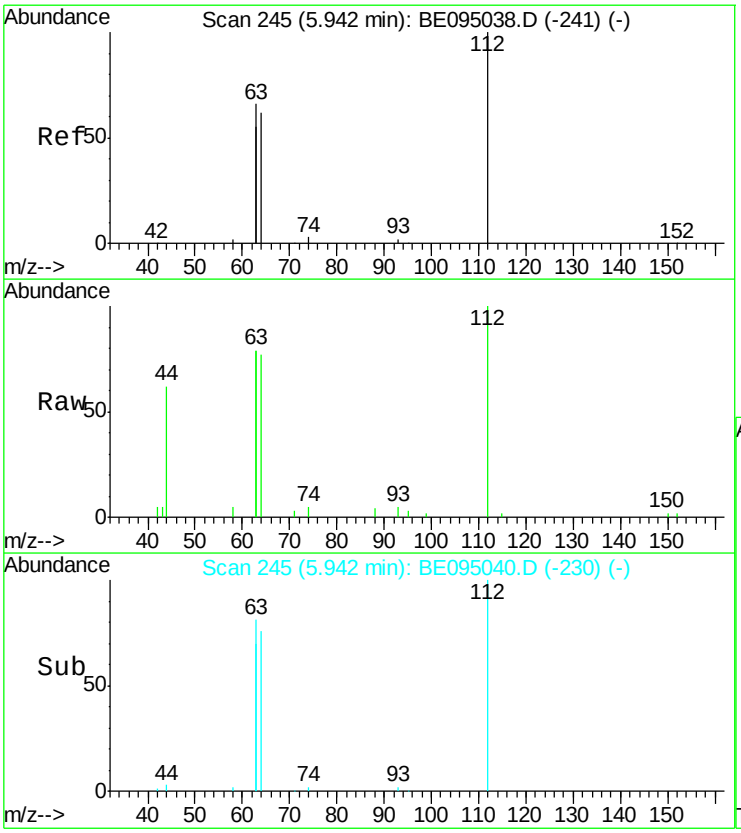
#3
n-Nitrosodimethylamine
Concen: 0.414 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3032

Ion	Ratio	Lower	Upper
42	100		
74	116.7	96.0	144.0
44	14.4	12.0	18.0

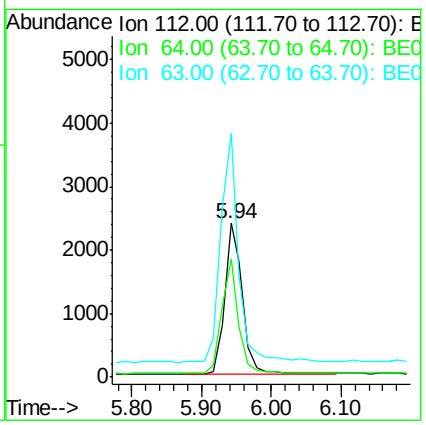


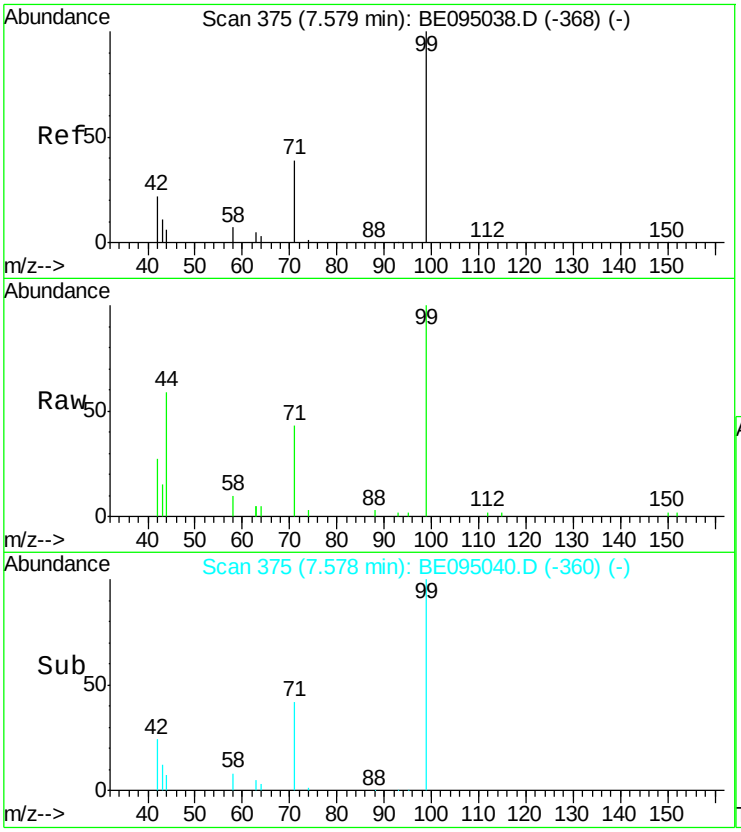


#4
2-Fluorophenol
Concen: 0.440 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:112 Resp: 4296

Ion	Ratio	Lower	Upper
112	100		
64	71.2	60.1	90.1
63	151.5	116.8	175.2



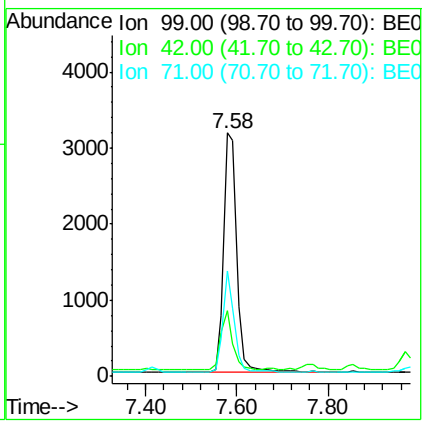


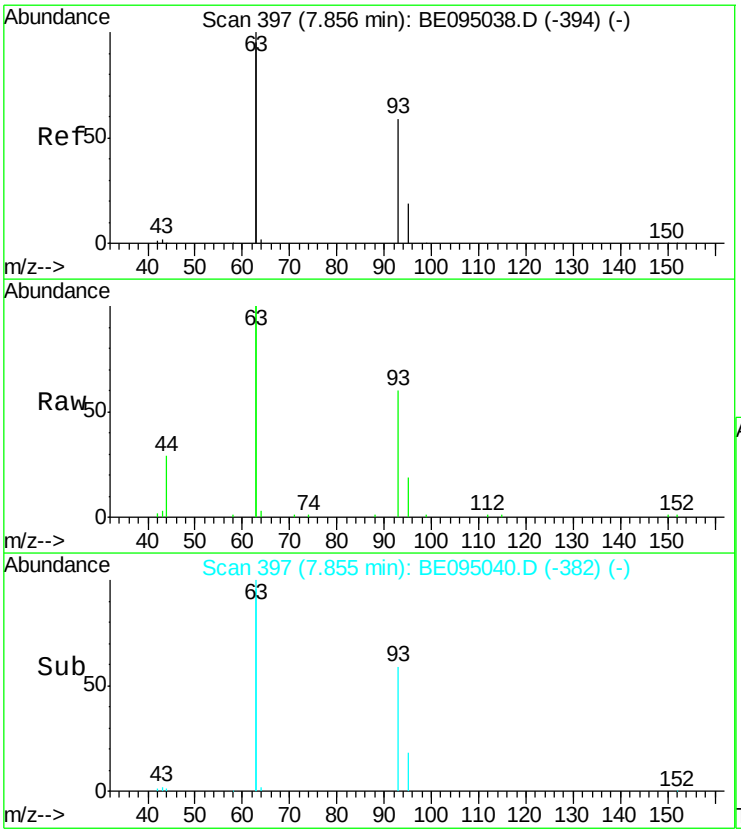
#5
Phenol-d6
Concen: 0.440 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6375

Ion	Ratio	Lower	Upper
99	100		
42	22.2	20.2	30.2
71	35.9	28.4	42.6

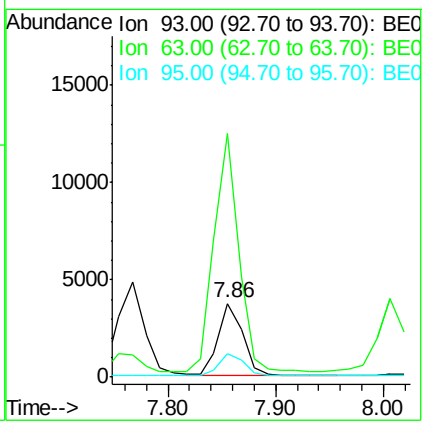


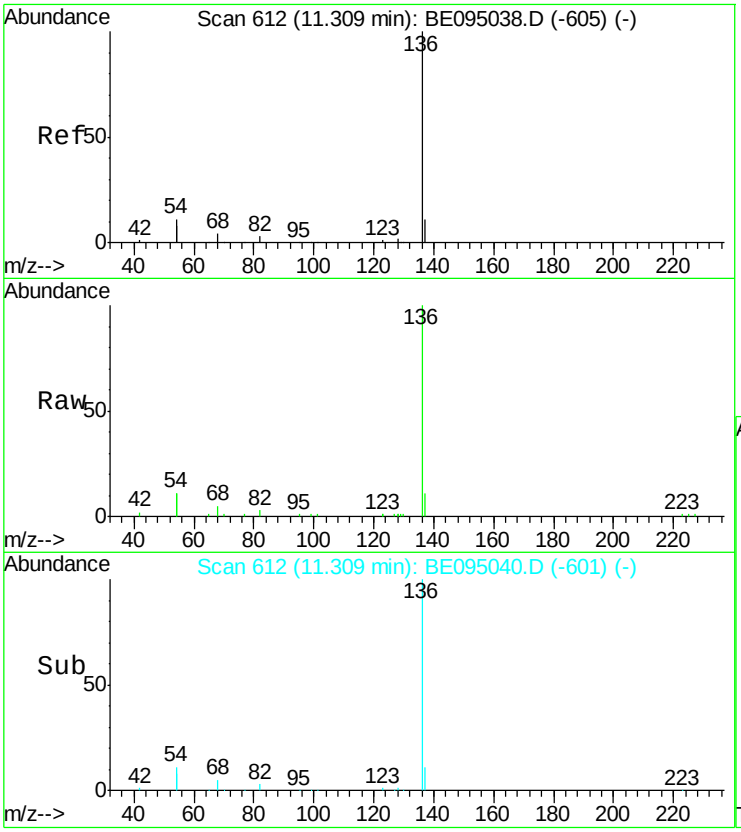


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.86 min Scan# 397
Delta R.T. -0.01 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion: 93 Resp: 5937

Ion	Ratio	Lower	Upper
93	100		
63	323.7	275.3	412.9
95	31.5	25.2	37.8



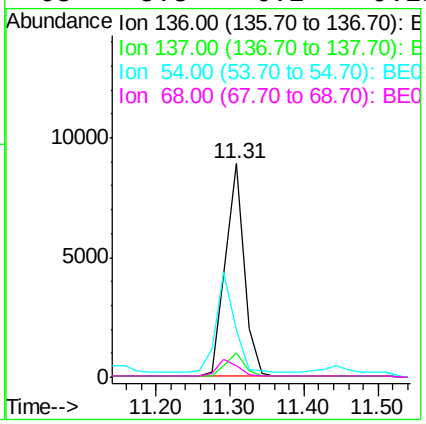


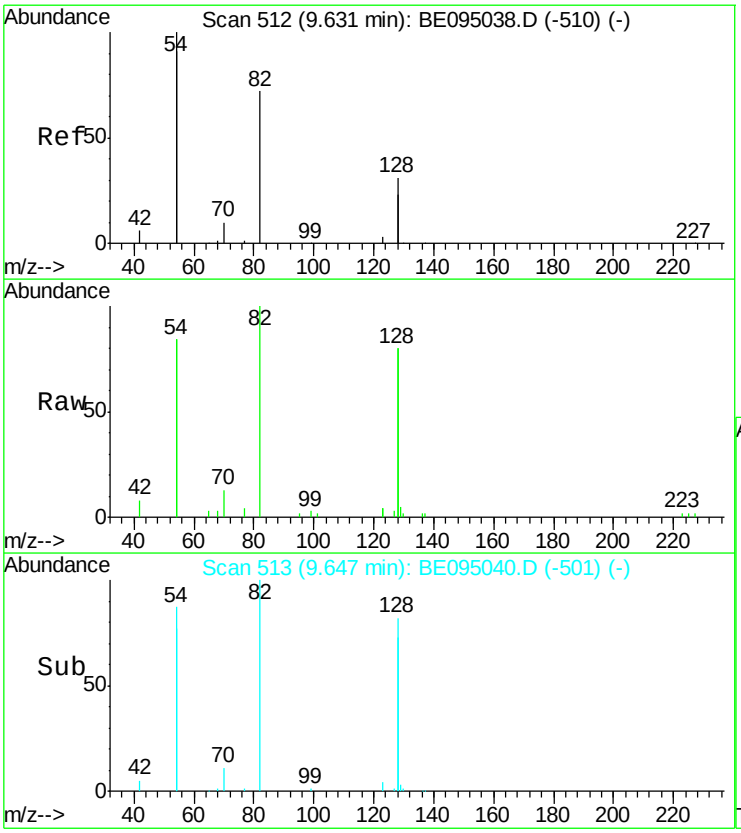
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15531

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	22.3	29.1	43.7#
68	5.3	6.2	9.2#

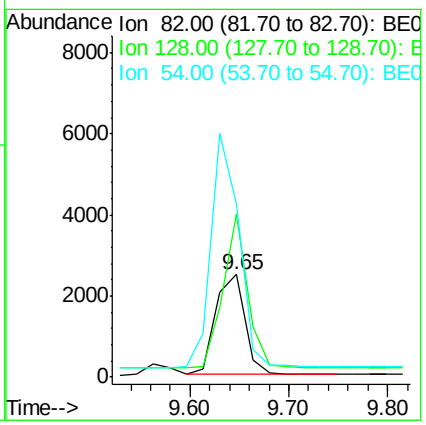


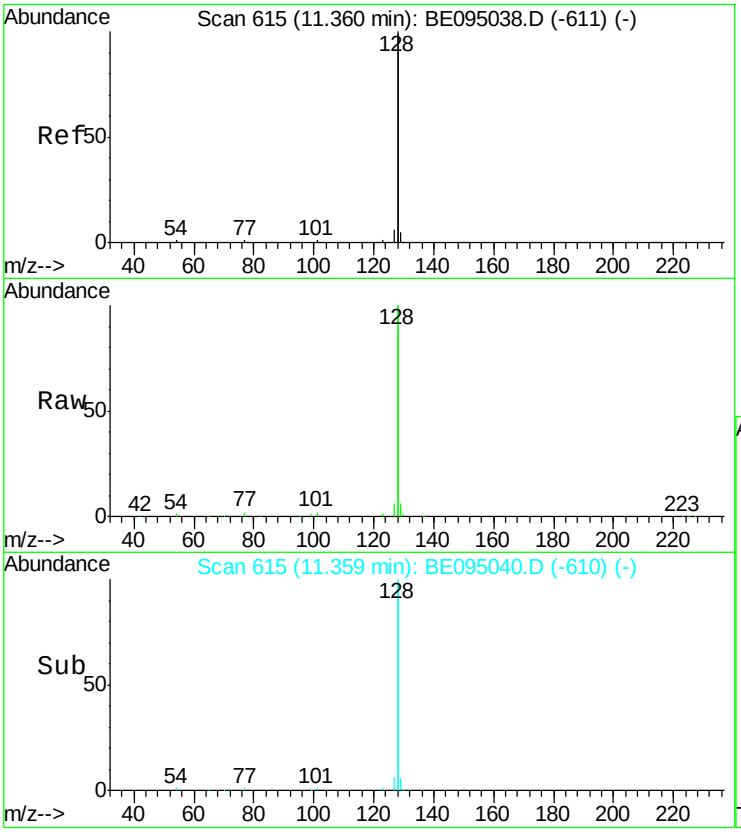


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.65 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion: 82 Resp: 5087

Ion	Ratio	Lower	Upper
82	100		
128	159.6	150.0	225.0
54	169.0	154.2	231.4



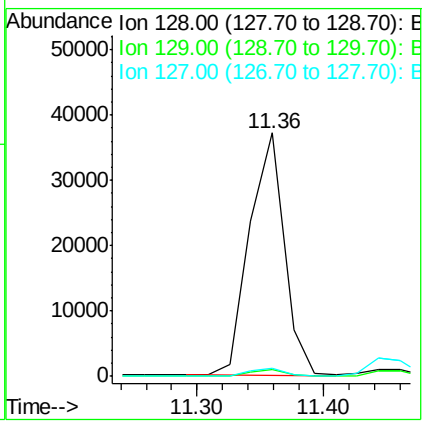


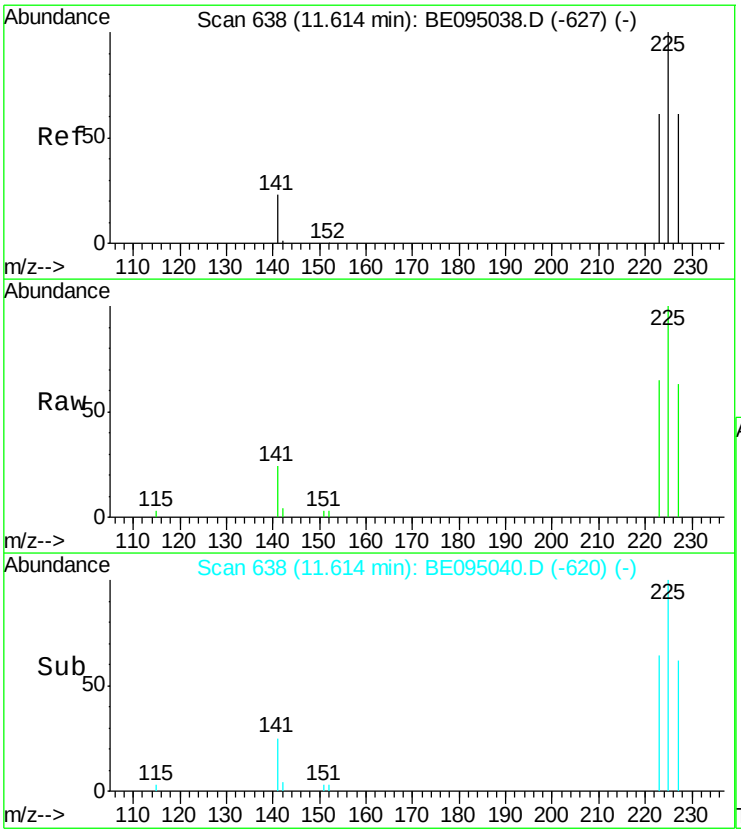
#9
Naphthalene
Concen: 0.385 ng
RT: 11.36 min Scan# 615
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 70209

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.2	2.8	4.2

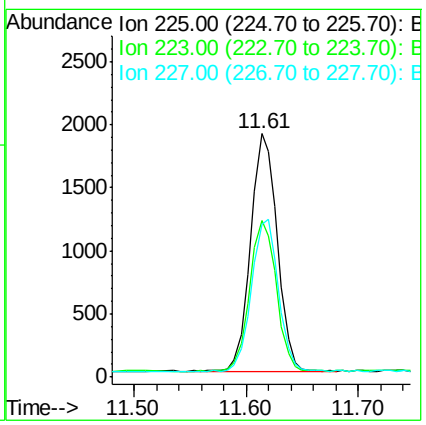


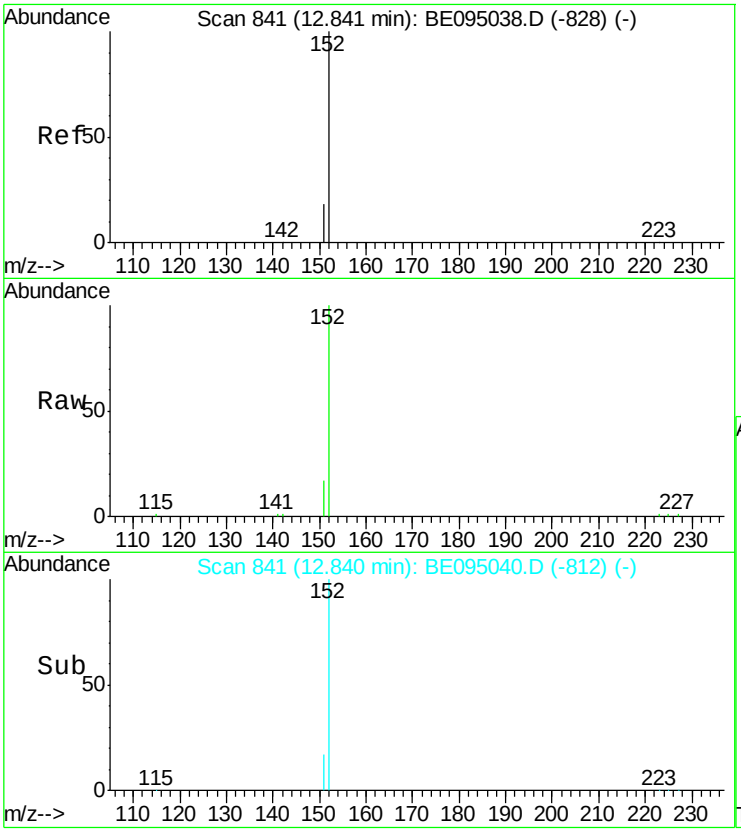


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 11.61 min Scan# 638
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:225 Resp: 3112

Ion	Ratio	Lower	Upper
225	100		
223	63.2	53.0	79.6
227	64.4	51.4	77.2



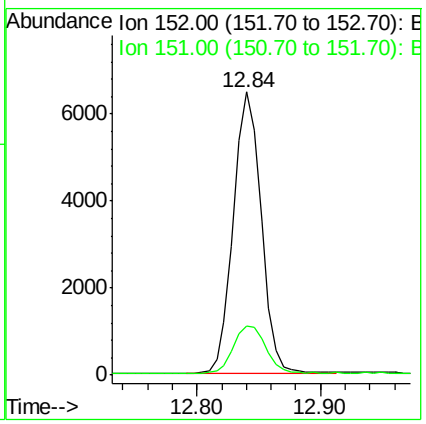


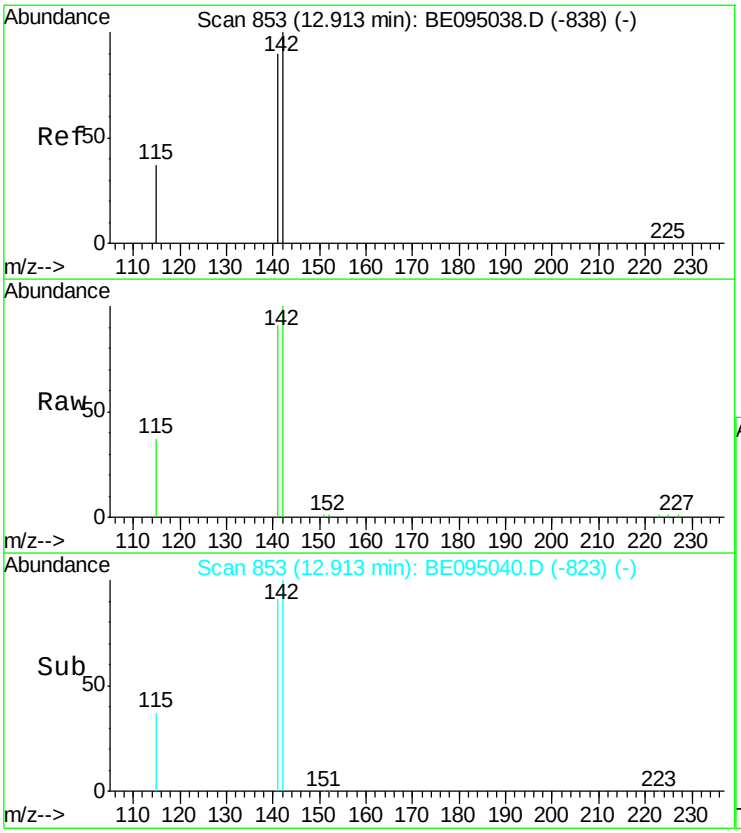
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 10019

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

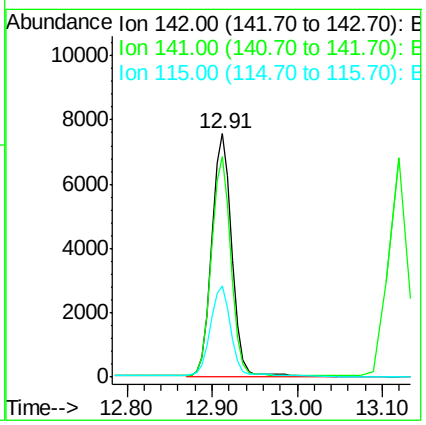


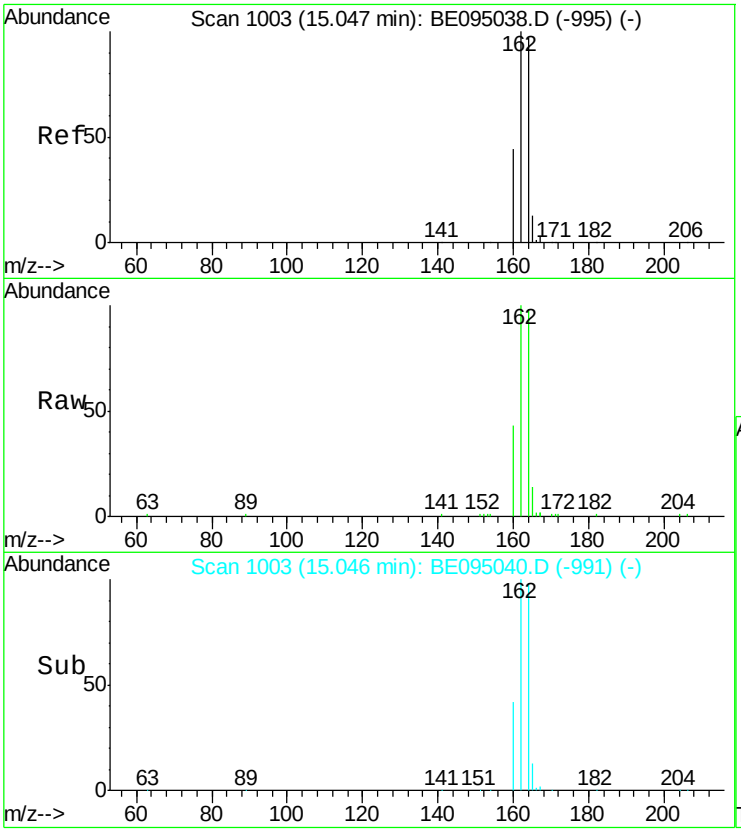


#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.91 min Scan# 853
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:142 Resp: 16378

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.4	105.6
115	37.3	31.7	47.5



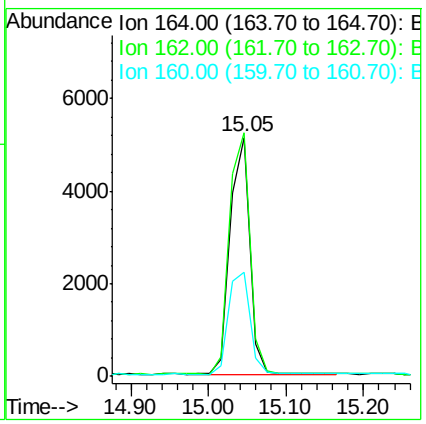


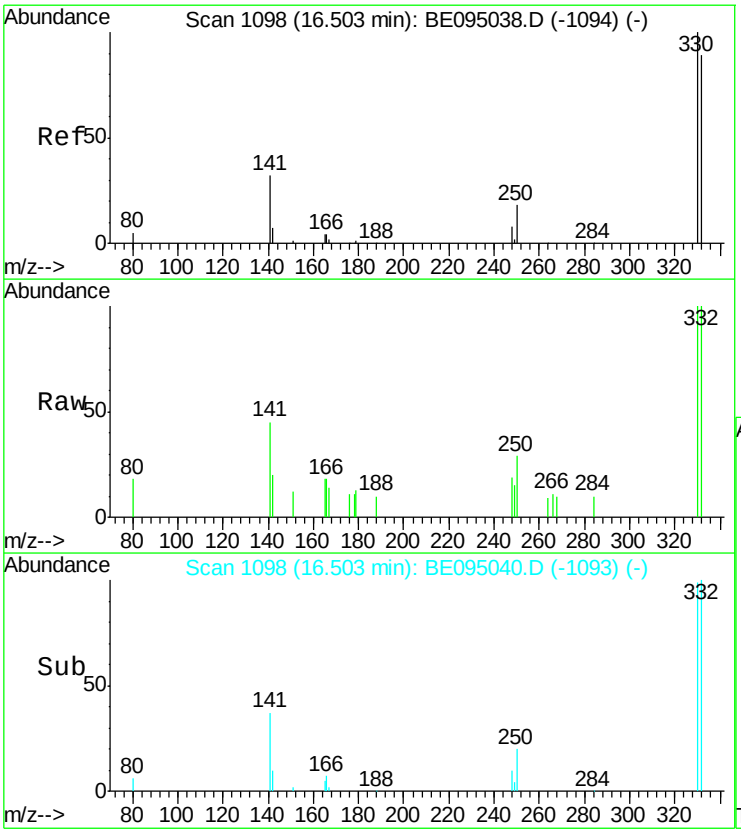
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.05 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8943

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.1	124.7
160	43.8	37.1	55.7

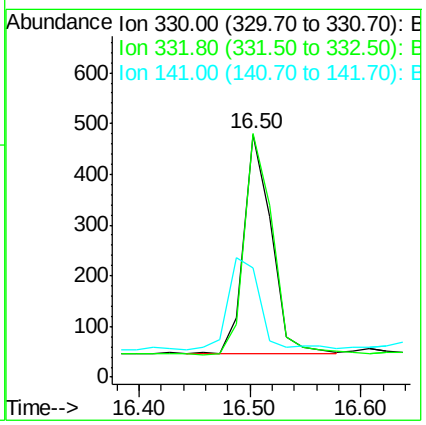


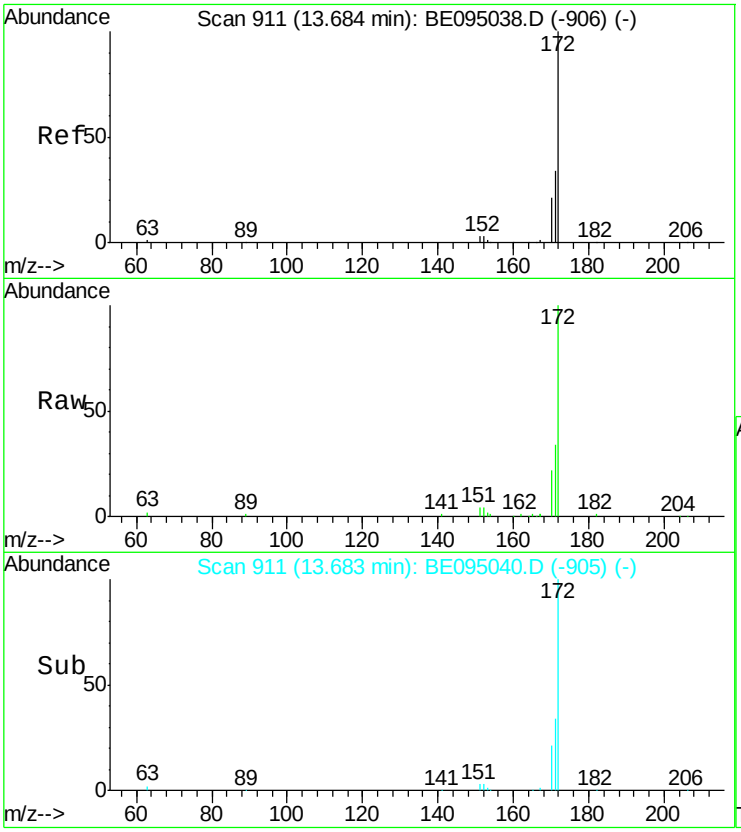


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:330 Resp: 749

Ion	Ratio	Lower	Upper
330	100		
332	104.1	152.7	229.1#
141	50.6	33.7	50.5#



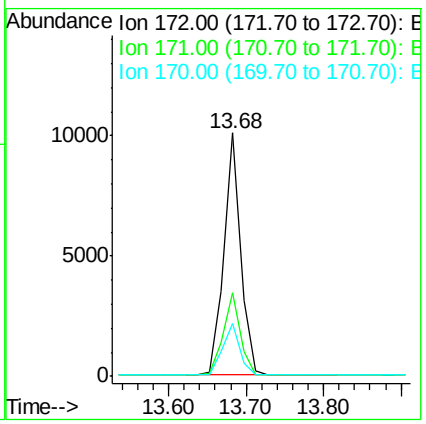


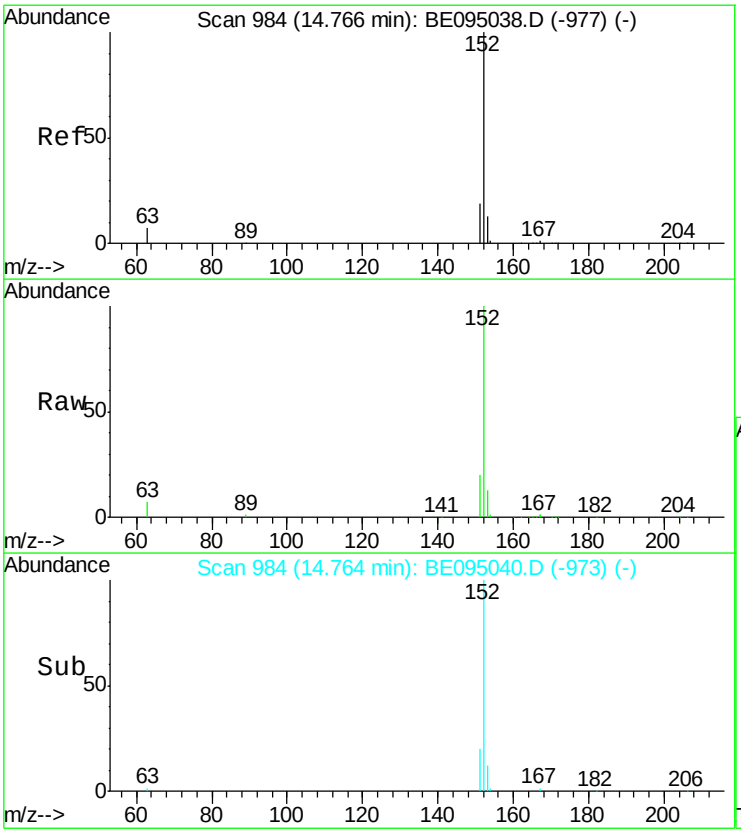
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15136

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	21.5	21.8	32.8#

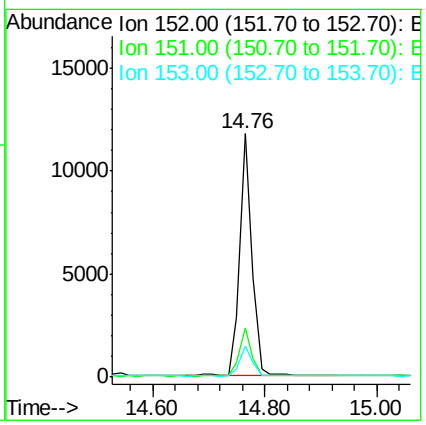


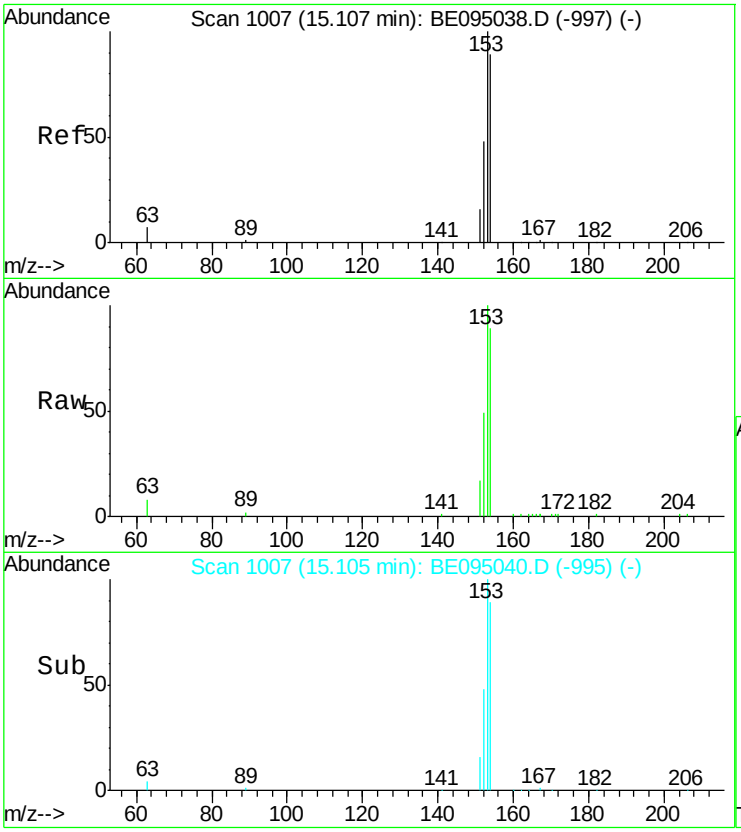


#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:152 Resp: 18125

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.5	15.7



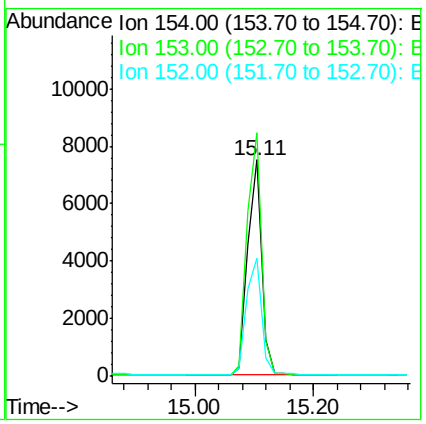


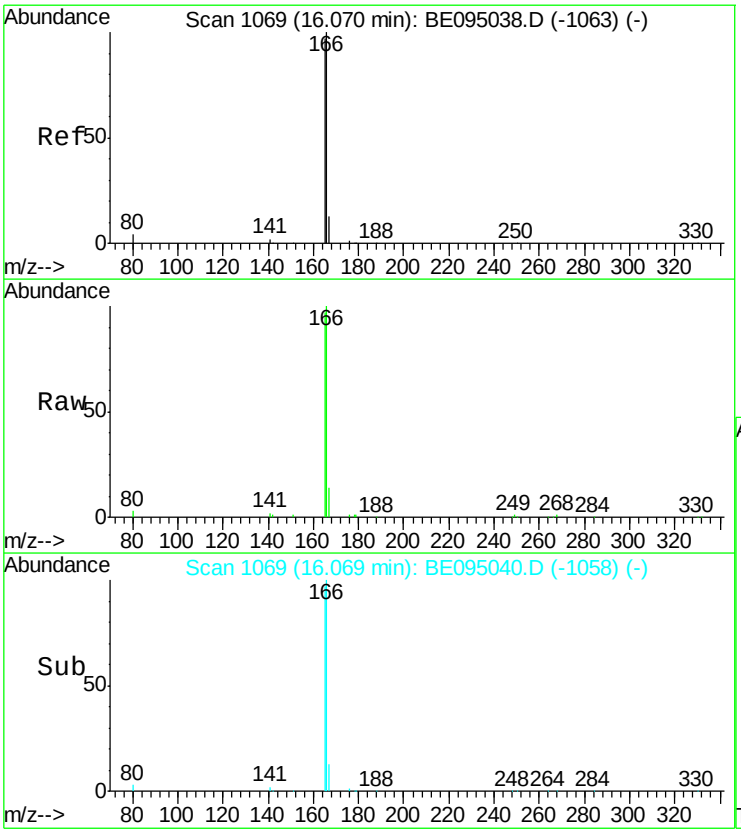
#17
Acenaphthene
Concen: 0.382 ng
RT: 15.11 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 12124

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.2	133.8
152	58.7	42.0	63.0

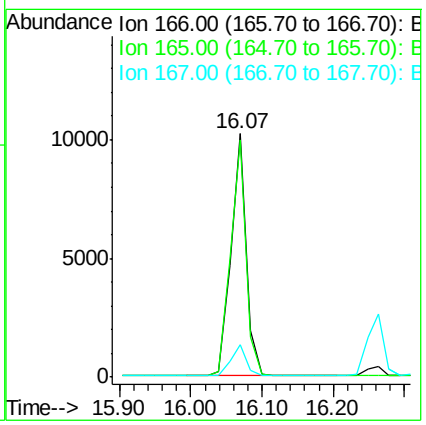


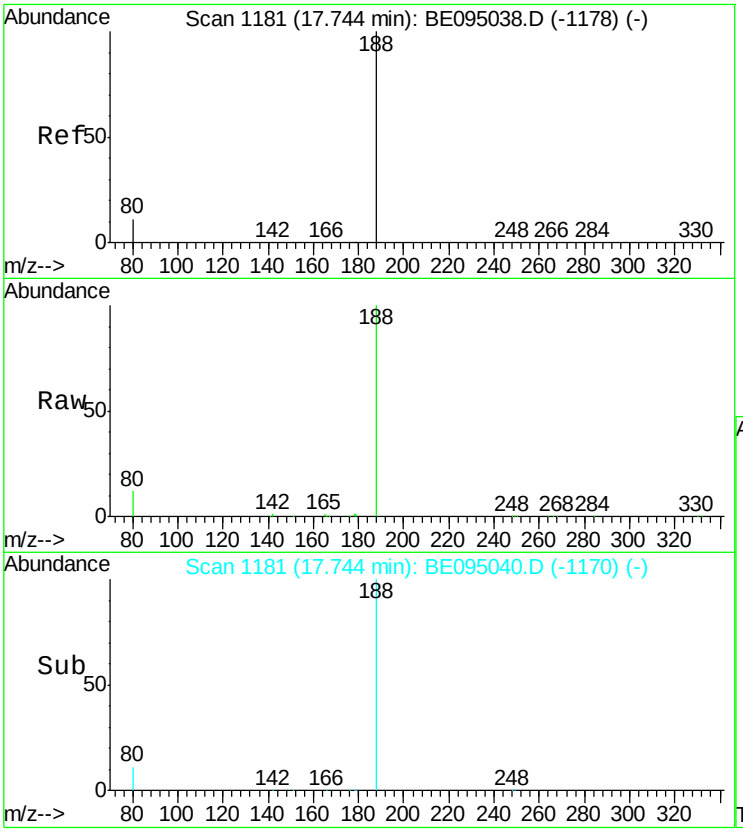


#18
Fluorene
Concen: 0.389 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:166 Resp: 15334

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.3	42.4	63.6#



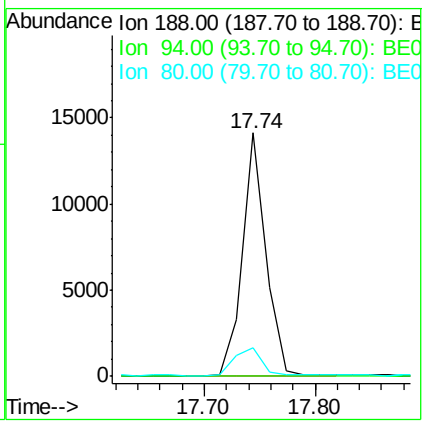


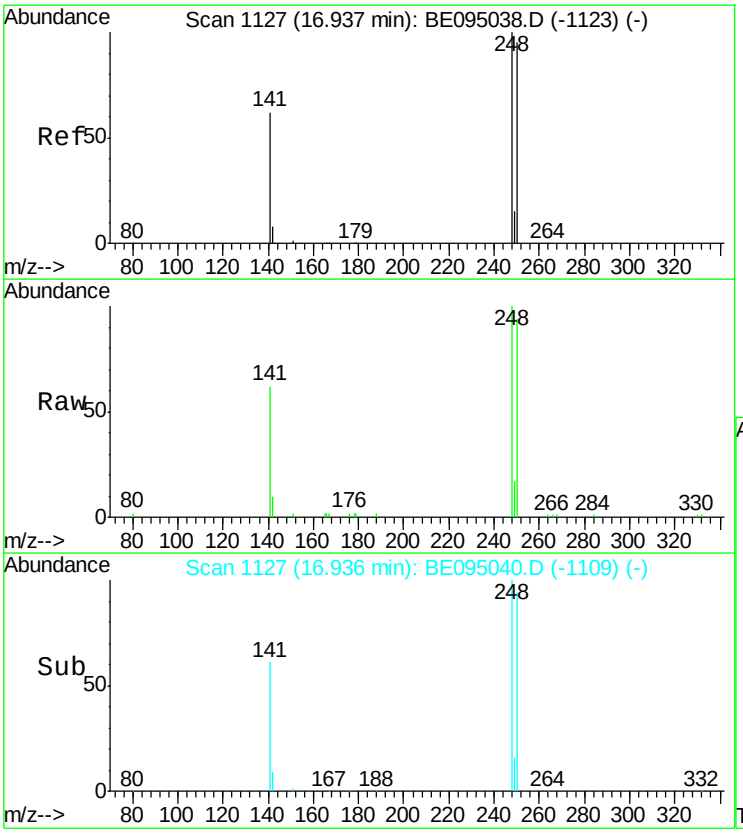
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20525

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.7	3.6	5.4#

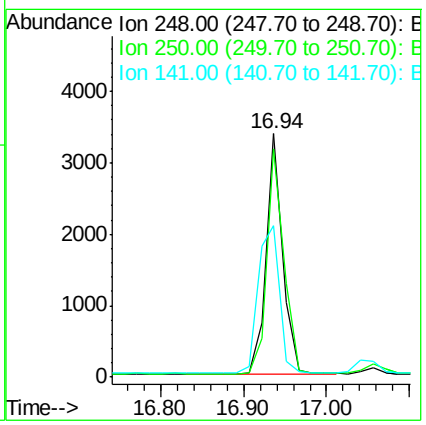


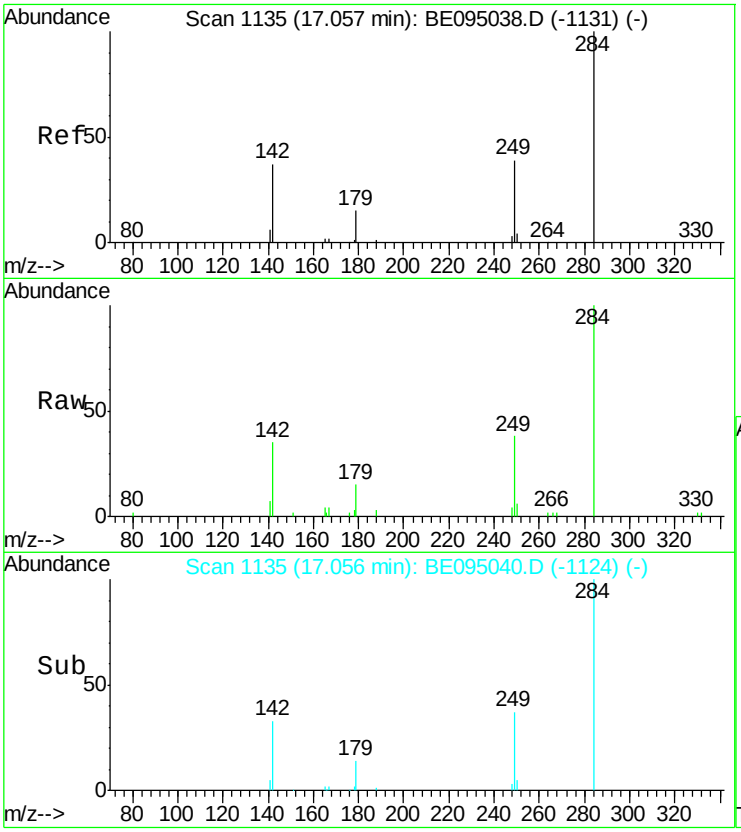


#20
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.94 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:248 Resp: 4645

Ion	Ratio	Lower	Upper
248	100		
250	93.9	62.7	94.1
141	62.1	48.2	72.2



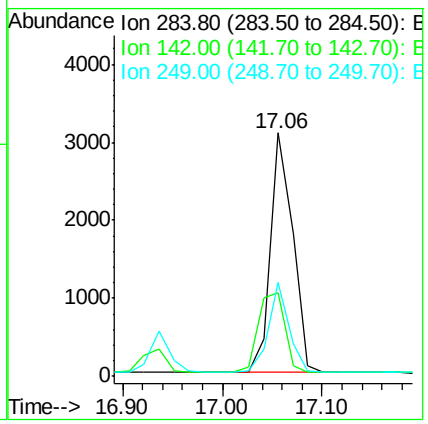


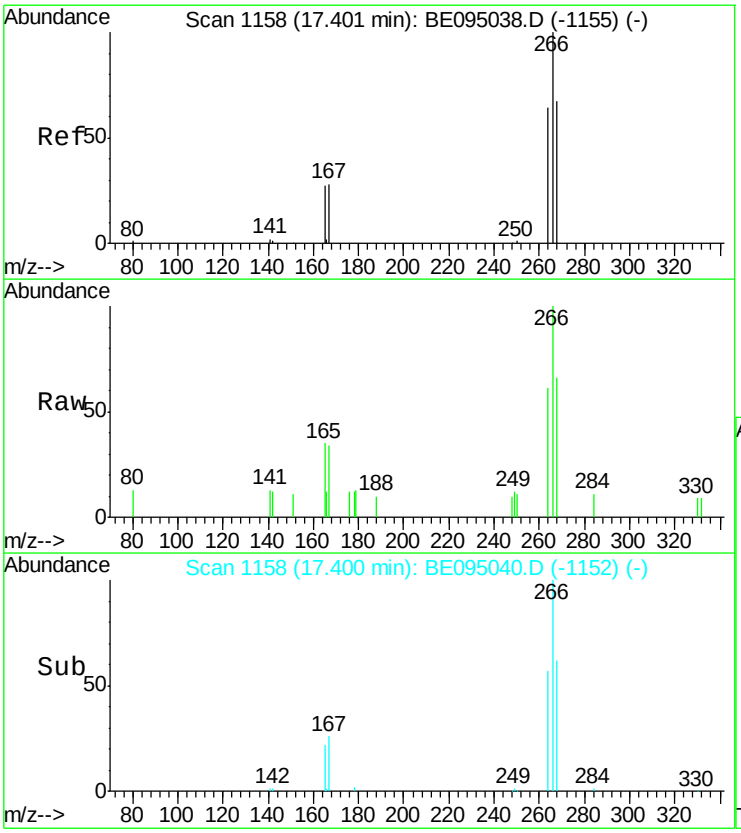
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4847

Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.1	33.1#
249	34.5	34.8	52.2#

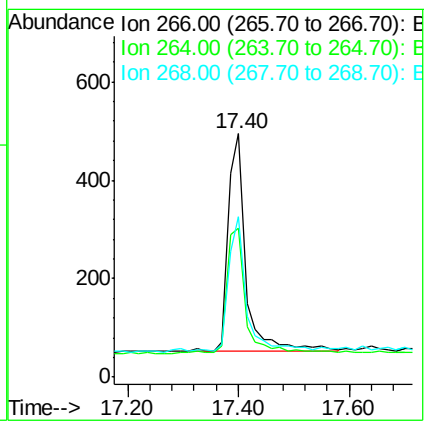


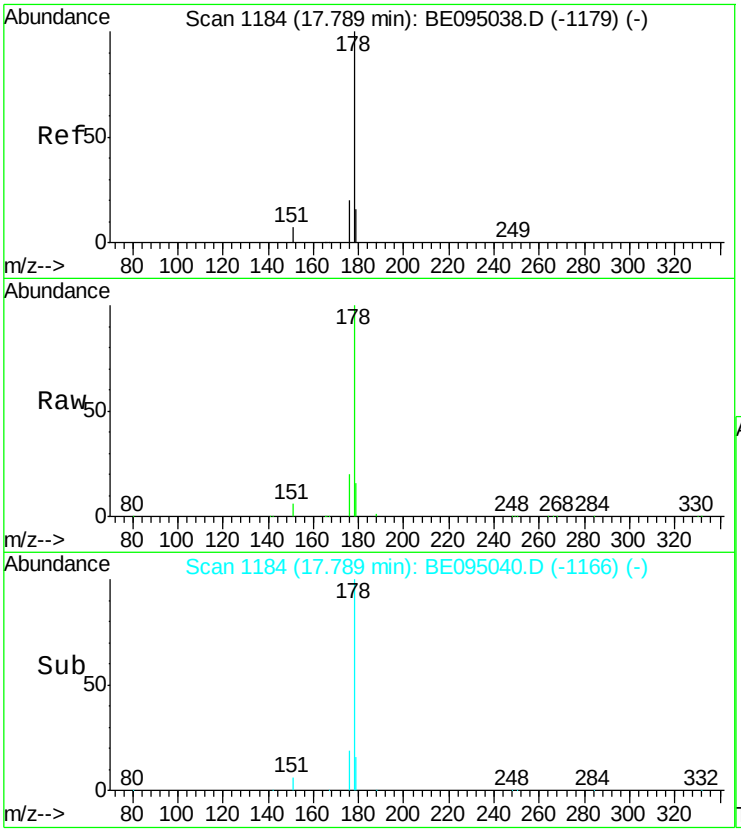


#22
Pentachlorophenol
Concen: 0.393 ng
RT: 17.40 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:266 Resp: 955

Ion	Ratio	Lower	Upper
266	100		
264	61.0	72.5	108.7#
268	65.9	73.8	110.6#



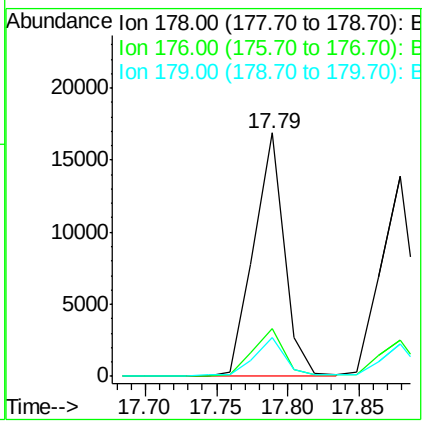


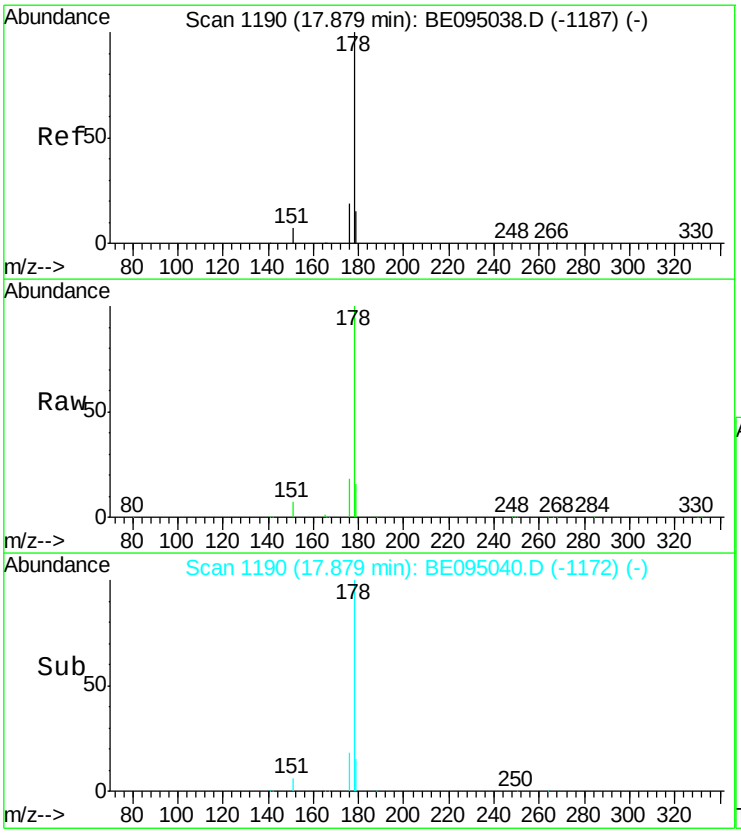
#23
Phenanthrene
Concen: 0.389 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 24863

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.7	11.8	17.6

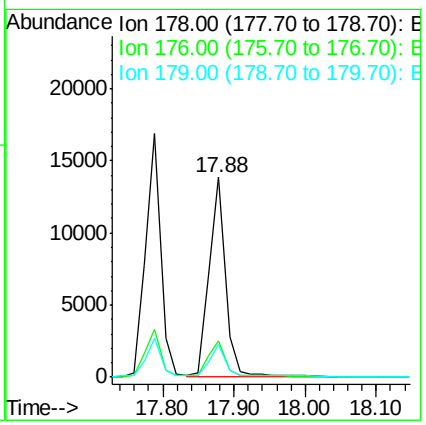


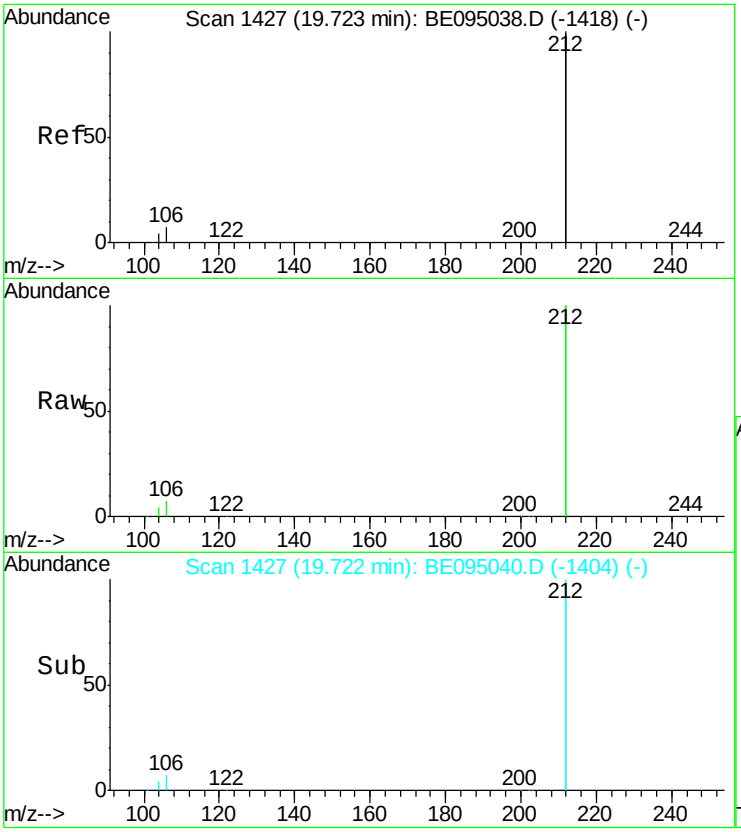


#24
Anthracene
Concen: 0.369 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:178 Resp: 24242

Ion	Ratio	Lower	Upper
178	100		
176	20.9	12.8	19.2#
179	17.8	13.0	19.6



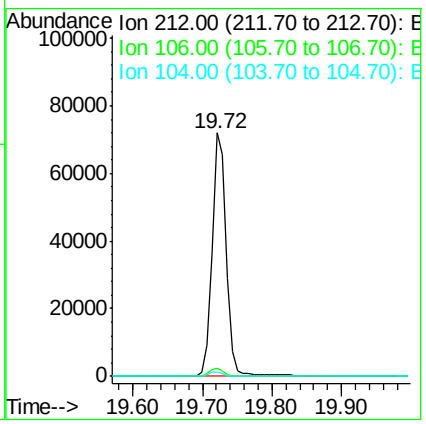


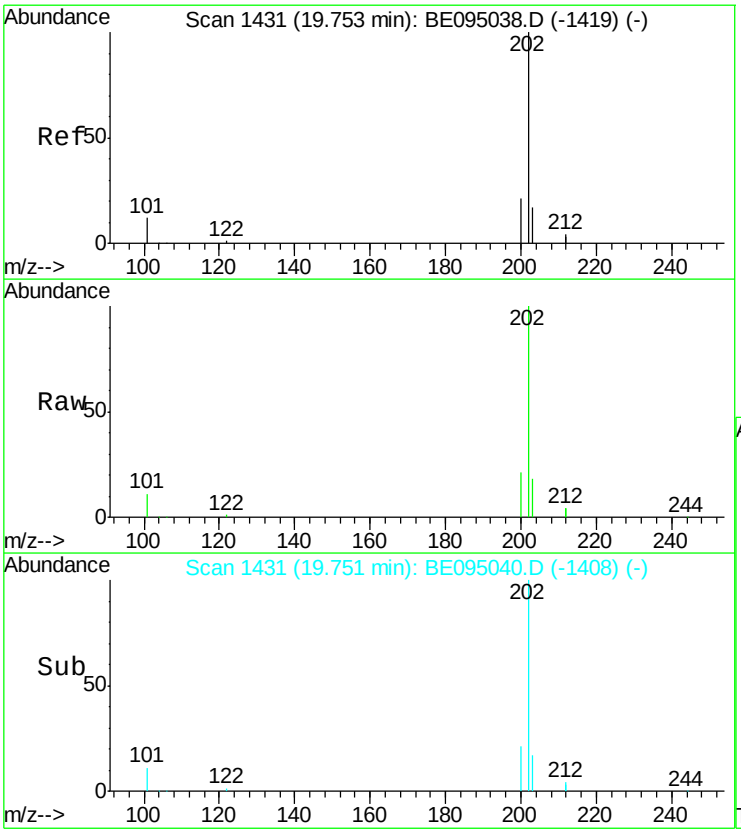
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 99987

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

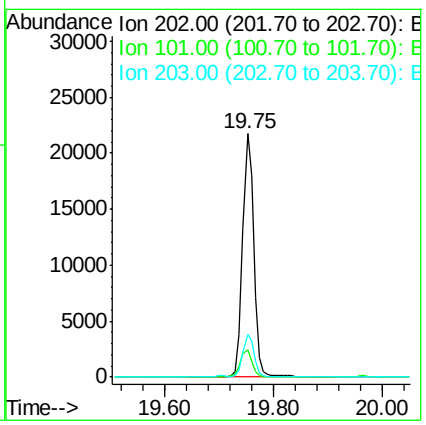


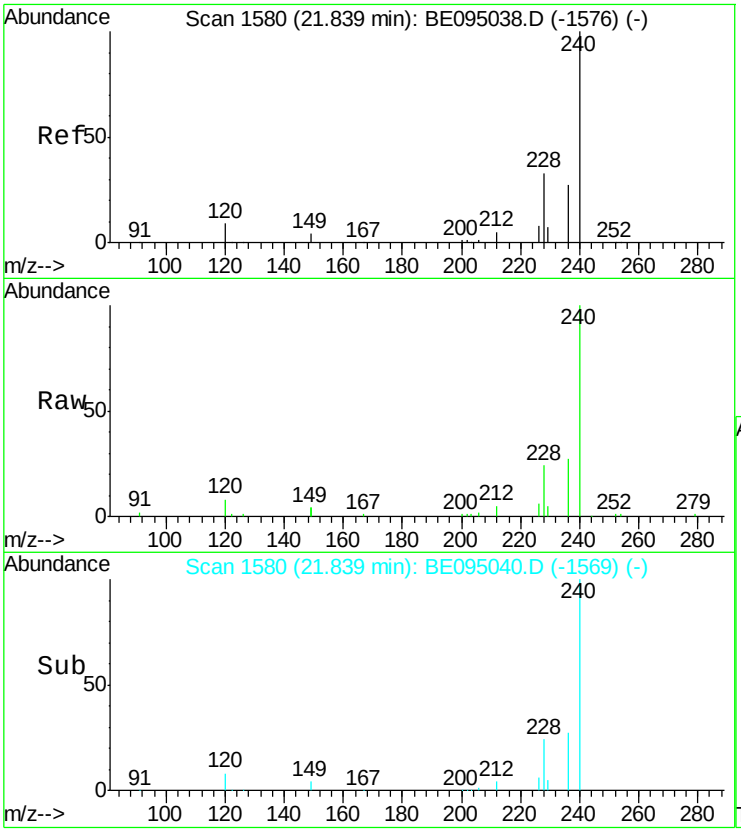


#26
Fluoranthene
Concen: 0.380 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:202 Resp: 29988

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	17.2	13.7	20.5



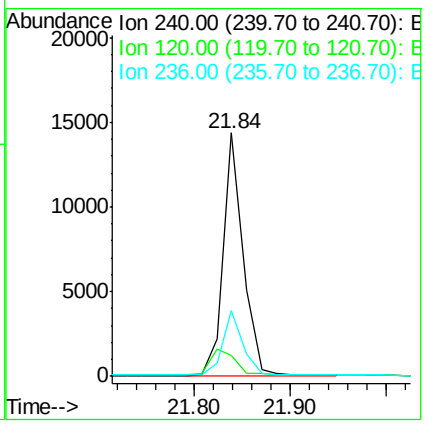


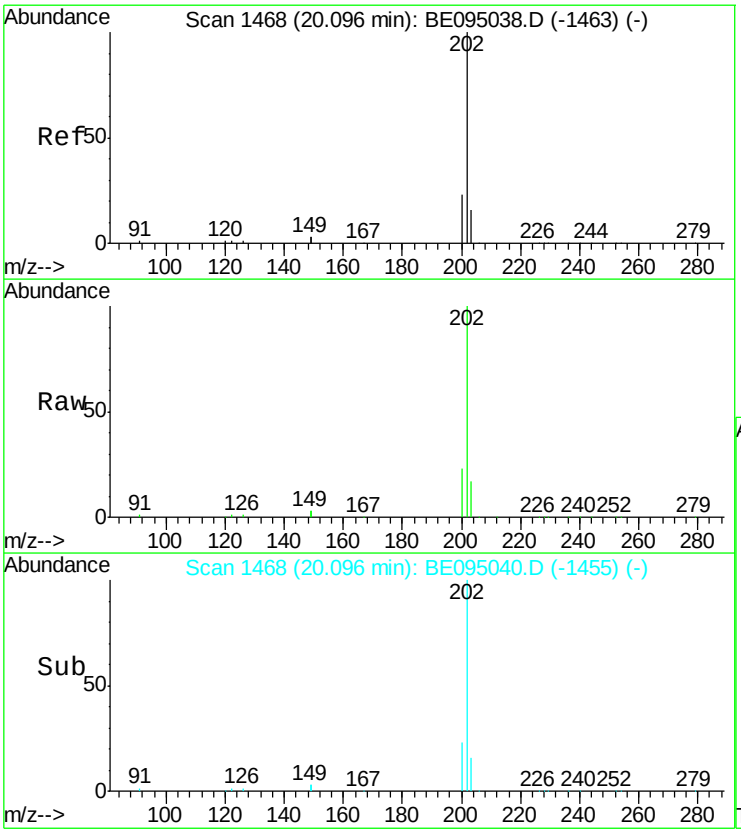
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 20807

Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.5	8.3#
236	26.9	20.7	31.1

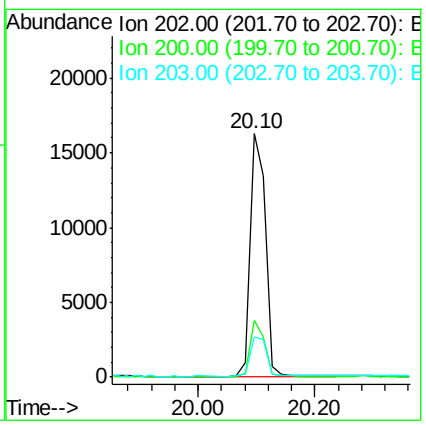


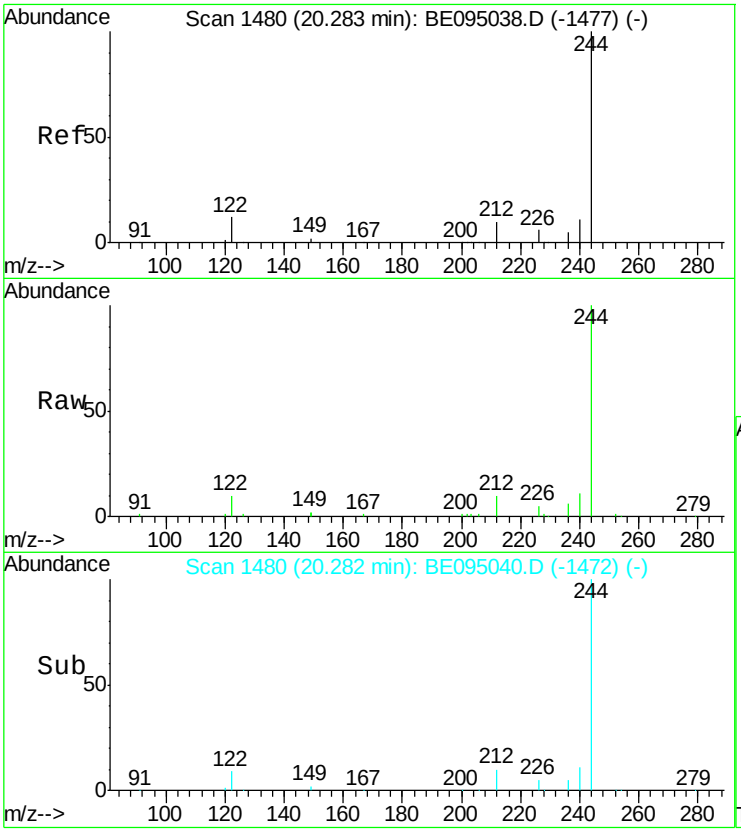


#28
Pyrene
Concen: 0.458 ng
RT: 20.10 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:202 Resp: 32268

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	25.0
203	16.8	13.8	20.8



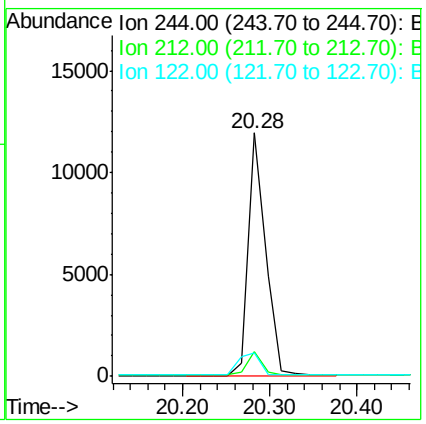


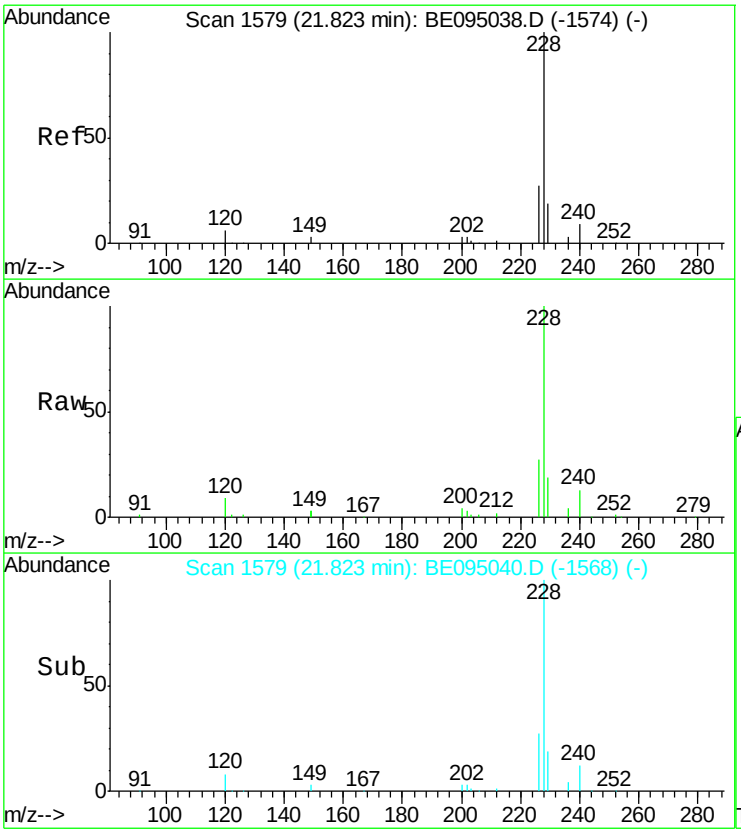
#29
Terphenyl-d14
Concen: 0.423 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16567

Ion	Ratio	Lower	Upper
244	100		
212	10.1	25.4	38.0#
122	9.7	8.1	12.1

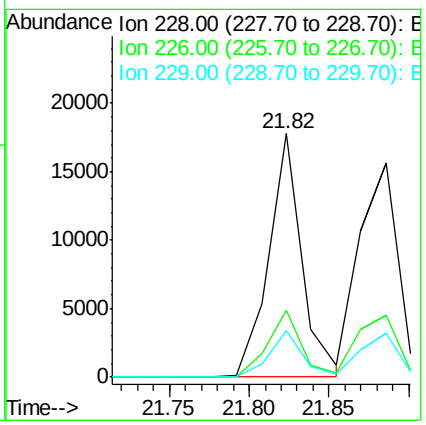


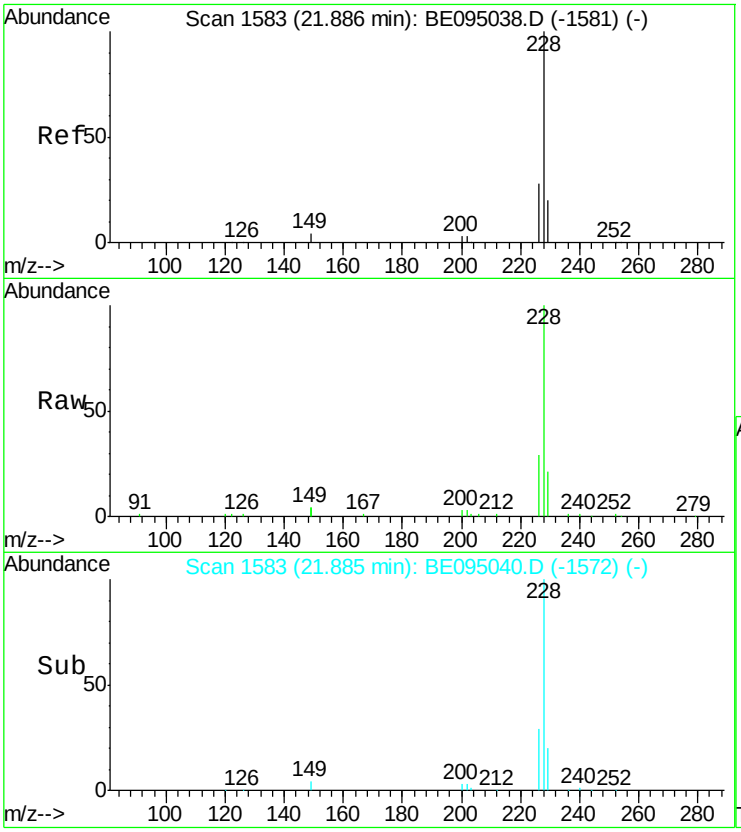


#30
Benzo(a)anthracene
Concen: 0.421 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:228 Resp: 25590

Ion	Ratio	Lower	Upper
228	100		
226	27.3	40.0	60.0#
229	19.0	40.0	60.0#



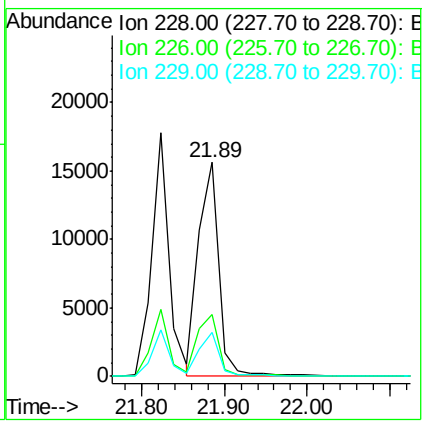


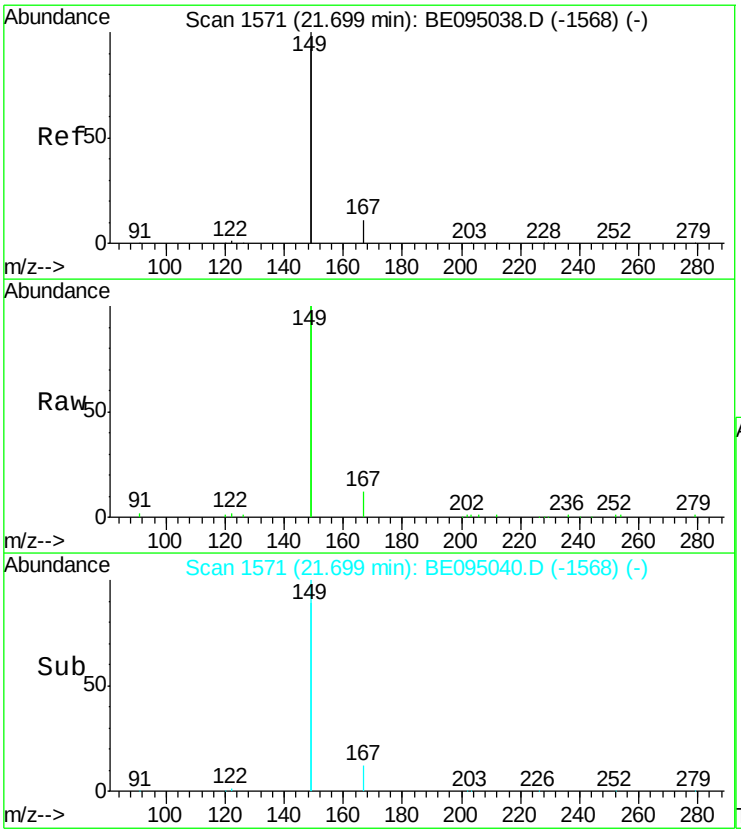
#31
Chrysene
Concen: 0.422 ng
RT: 21.89 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 28869

Ion	Ratio	Lower	Upper
228	100		
226	28.9	40.0	60.0#
229	20.7	40.0	60.0#

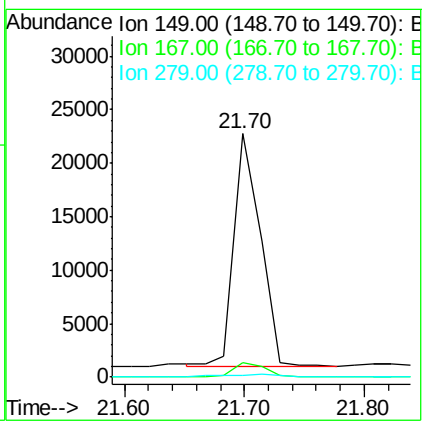


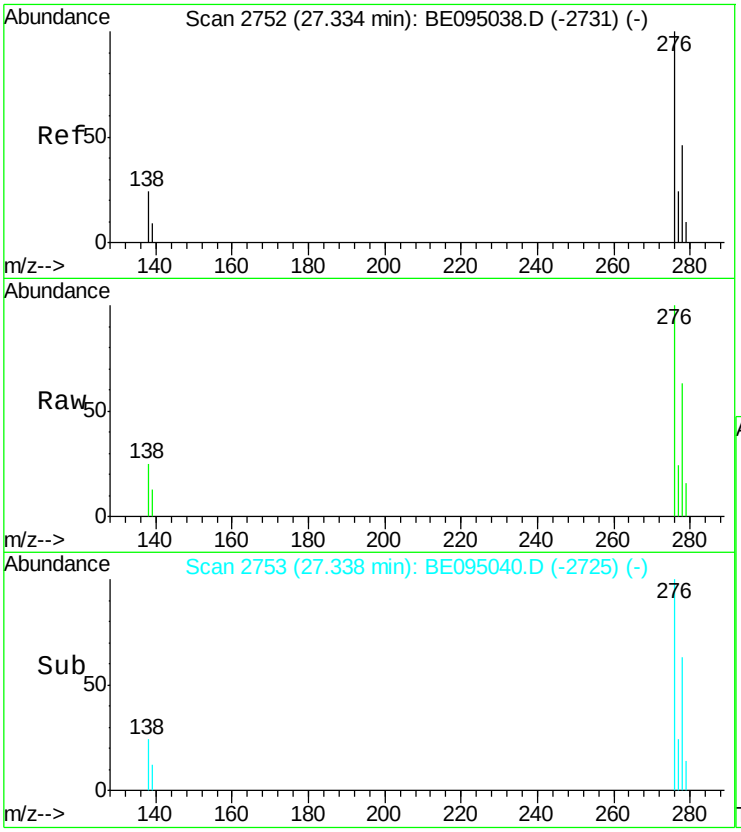


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.424 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:149 Resp: 32825

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.4	0.7	1.1#



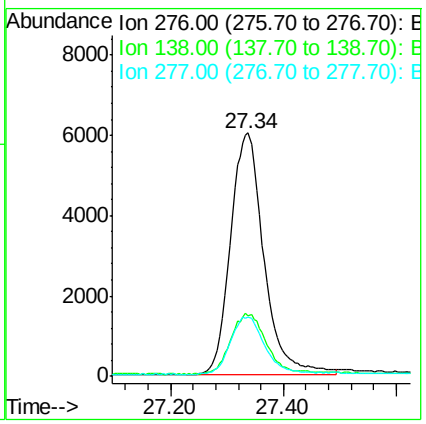


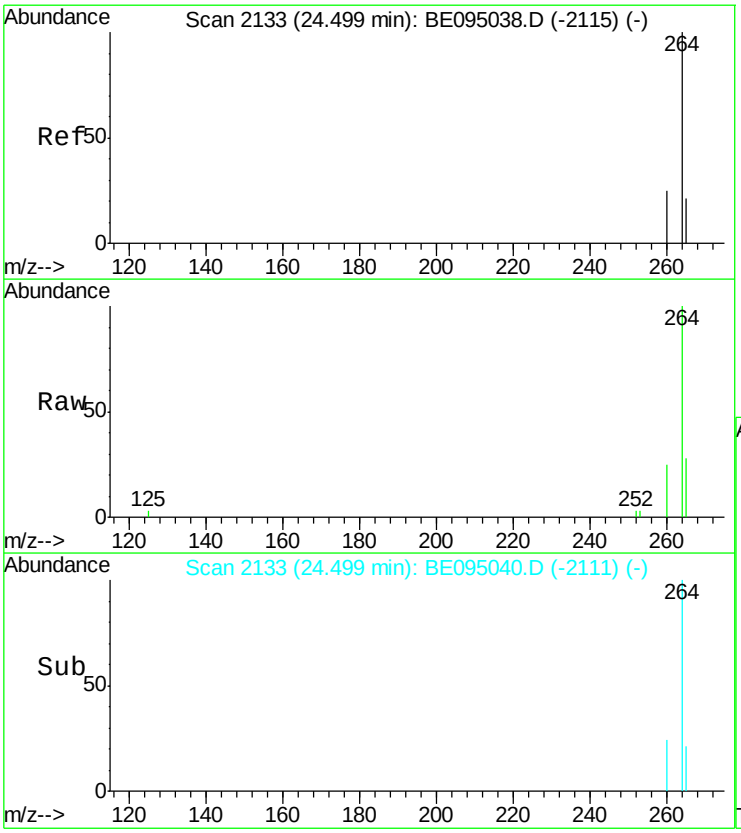
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng
RT: 27.34 min Scan# 2753
Delta R.T. -0.07 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23995

Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.5	33.7
277	24.4	19.9	29.9

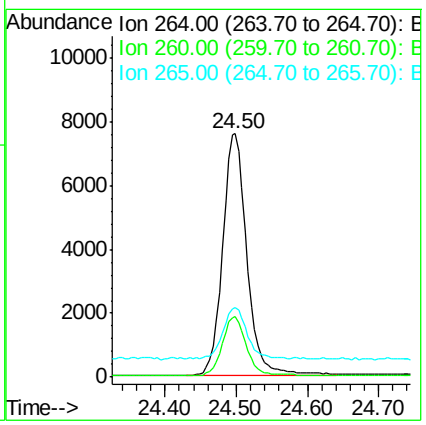


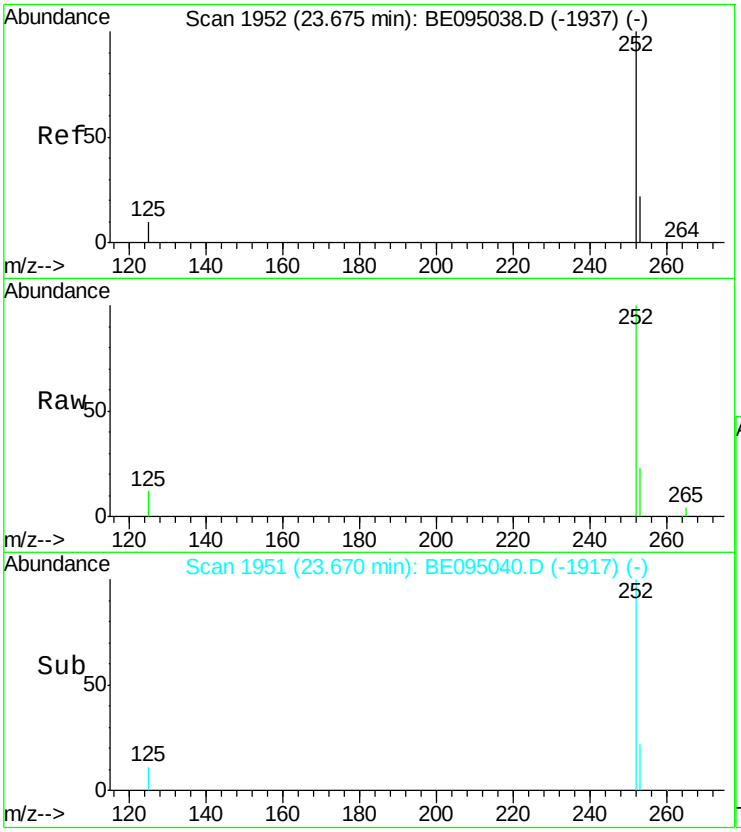


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.50 min Scan# 2133
Delta R.T. -0.05 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:264 Resp: 17992

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	28.4	22.8	34.2



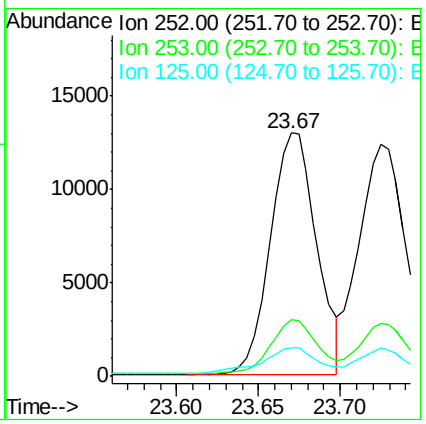


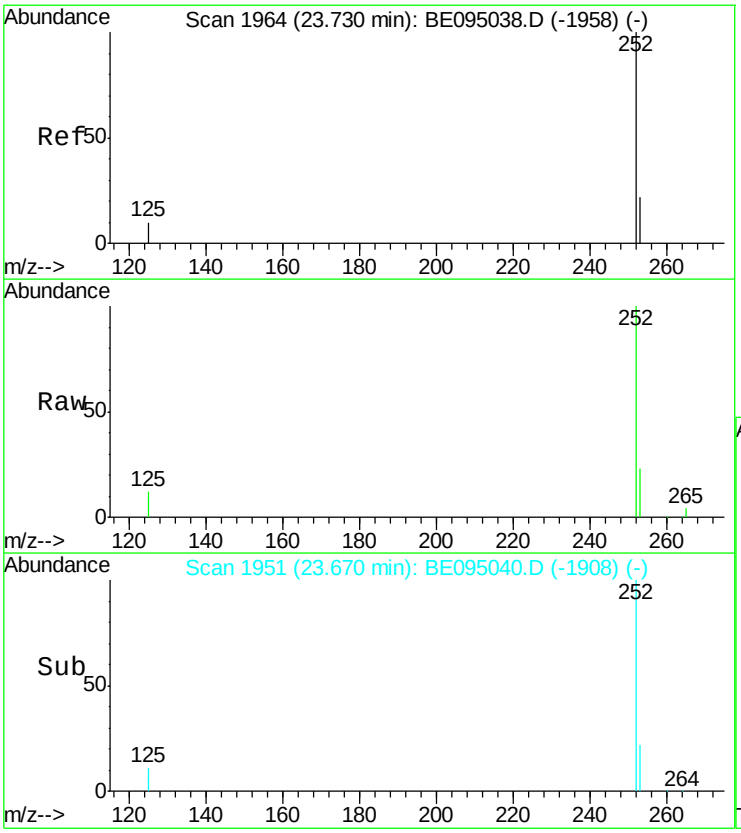
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 23.67 min Scan# 1951
Delta R.T. -0.05 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 25281

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	11.7	16.0	24.0#

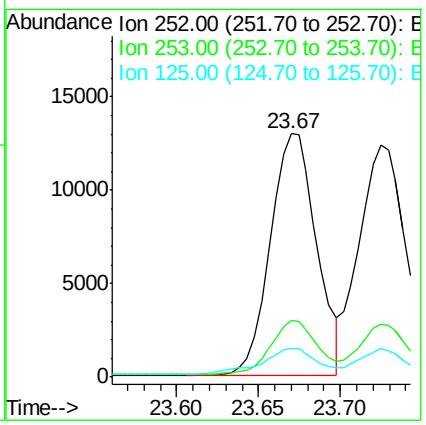


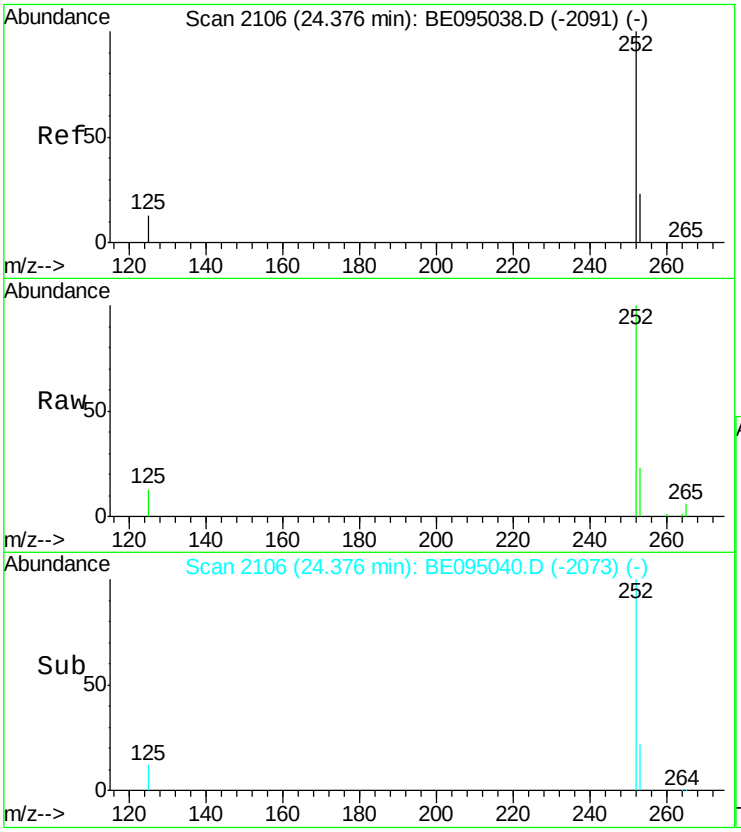


#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.67 min Scan# 1951
Delta R.T. -0.11 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:252 Resp: 25281

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.0	24.0
125	11.7	8.0	12.0



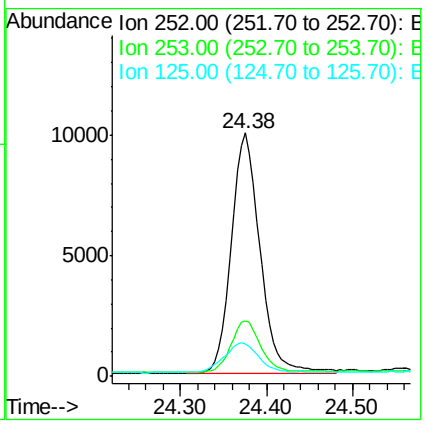


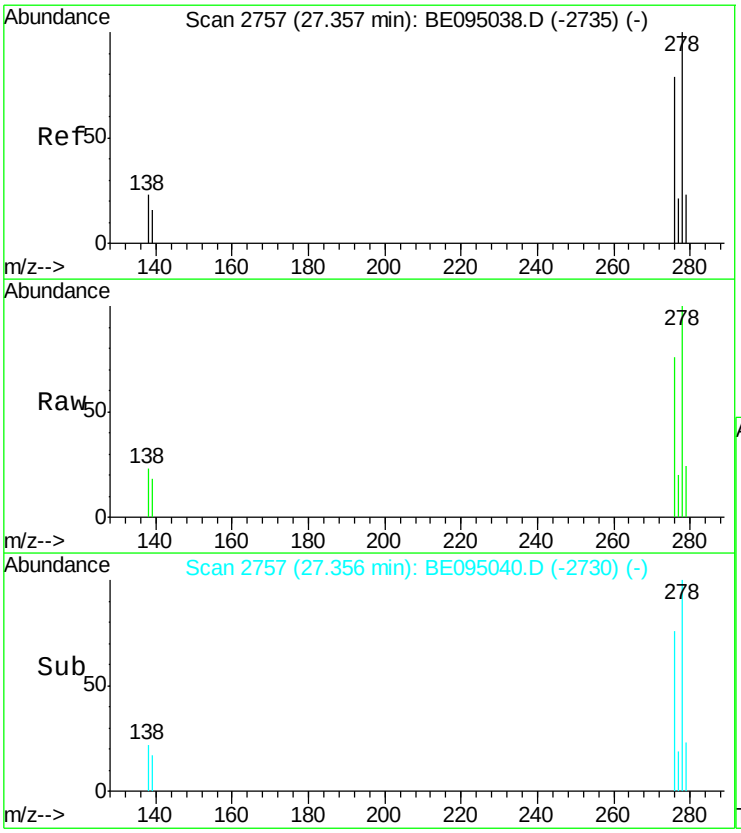
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 24.38 min Scan# 2106
Delta R.T. -0.05 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23103

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	13.3	12.0	18.0

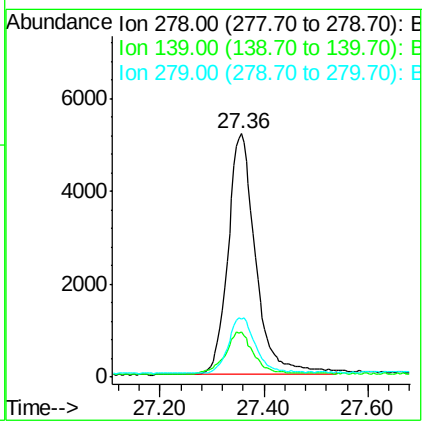


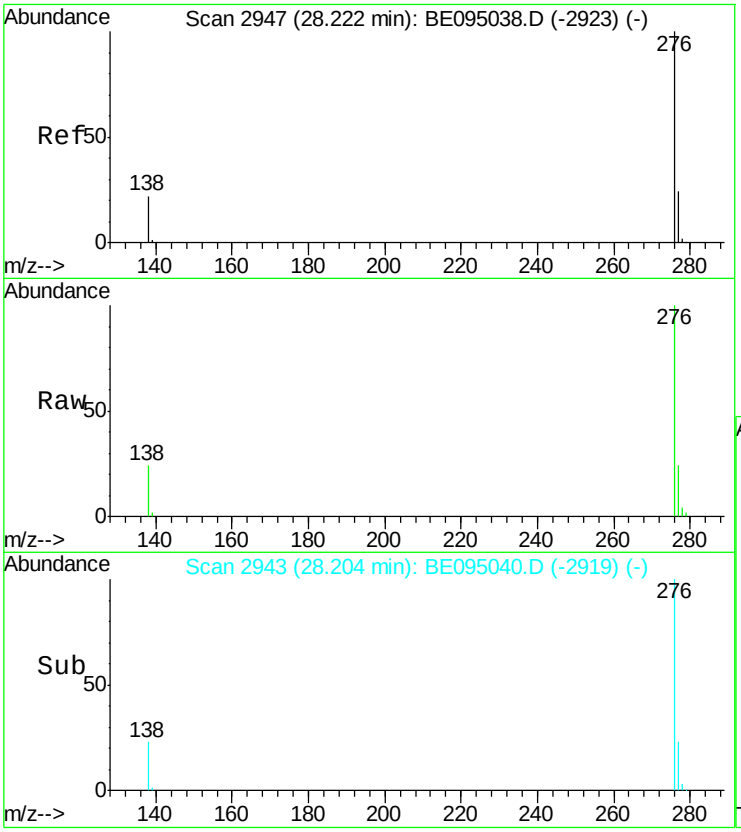


#38
Dibenzo(a,h)anthracene
Concen: 0.354 ng
RT: 27.36 min Scan# 2757
Delta R.T. -0.08 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:278 Resp: 19233

Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.0	24.0
279	23.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 28.20 min Scan# 2943
Delta R.T. -0.09 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20135

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	24.2	20.0	30.0