Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
Data File : BE095063.D
Acq On : 26 Dec 2017 19:22
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 27 01:07:37 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	6581	0.40	ng		-0.01
7) Naphthalene-d8	11.31	136	15994	0.40	ng		-0.02
13) Acenaphthene-d10	15.03	164	9204	0.40	ng		-0.03
19) Phenanthrene-d10	17.74	188	21660	0.40	ng		-0.03
27) Chrysene-d12	21.84	240	22182	0.40	ng		-0.03
34) Perylene-d12	24.49	264	19407	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	4637	0.45	ng		-0.01
5) Phenol-d6	7.58	99	6781	0.45	ng		-0.01
8) Nitrobenzene-d5	9.63	82	5656	0.43	ng		-0.02
11) 2-Methylnaphthalene-d10	12.84	152	10496	0.40	ng		-0.02
14) 2,4,6-Tribromophenol	16.50	330	1126	0.53	ng		-0.03
15) 2-Fluorobiphenyl	13.68	172	16169	0.40	ng		-0.02
25) Fluoranthene-d10	19.72	212	107924	0.38	ng		-0.03
29) Terphenyl-d14	20.28	244	17803	0.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2426	0.374	ng	#	88
3) n-Nitrosodimethylamine	4.02	42	3050	0.398	ng	#	97
6) bis(2-Chloroethyl)ether	7.86	93	6200	0.418	ng		91
9) Naphthalene	11.34	128	73732	0.393	ng		99
10) Hexachlorobutadiene	11.61	225	3350	0.392	ng		98
12) 2-Methylnaphthalene	12.91	142	17007	0.363	ng		98
16) Acenaphthylene	14.76	152	19701	0.400	ng		100
17) Acenaphthene	15.10	154	12709	0.389	ng		95
18) Fluorene	16.07	166	16107	0.397	ng	#	79
20) 4-Bromophenyl-phenylether	16.94	248	4882	0.385	ng	#	75
21) Hexachlorobenzene	17.06	284	4936	0.381	ng	#	83
22) Pentachlorophenol	17.39	266	1472	0.538	ng	#	76
23) Phenanthrene	17.79	178	26085	0.386	ng		99
24) Anthracene	17.88	178	26520	0.383	ng	#	91
26) Fluoranthene	19.75	202	32087	0.385	ng		99
28) Pyrene	20.10	202	36822	0.490	ng		99
30) Benzo(a)anthracene	21.82	228	29047	0.448	ng	#	61
31) Chrysene	21.87	228	29917	0.410	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.70	149	47590	0.576	ng		100
33) Indeno(1,2,3-cd)pyrene	27.33	276	27526	0.463	ng		98
35) Benzo(b)fluoranthene	23.67	252	26998	0.379	ng	#	90
36) Benzo(k)fluoranthene	23.72	252	27153	0.376	ng		95
37) Benzo(a)pyrene	24.37	252	25288	0.400	ng		95
38) Dibenzo(a,h)anthracene	27.35	278	22632	0.386	ng		97
39) Benzo(g,h,i)perylene	28.20	276	22584	0.387	ng	#	94

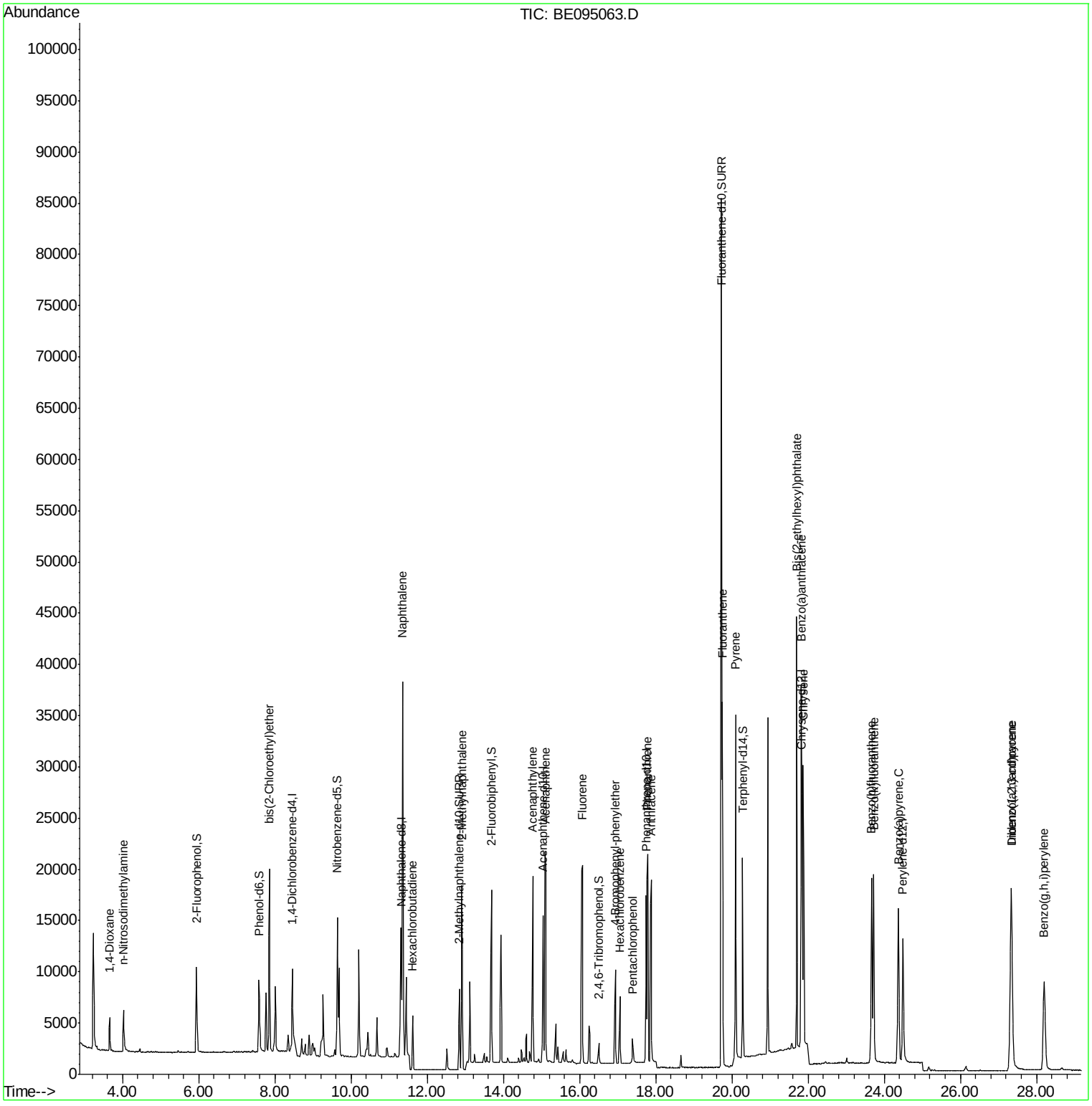
(#) = qualifier out of range (m) = manual integration (+) = signals summed

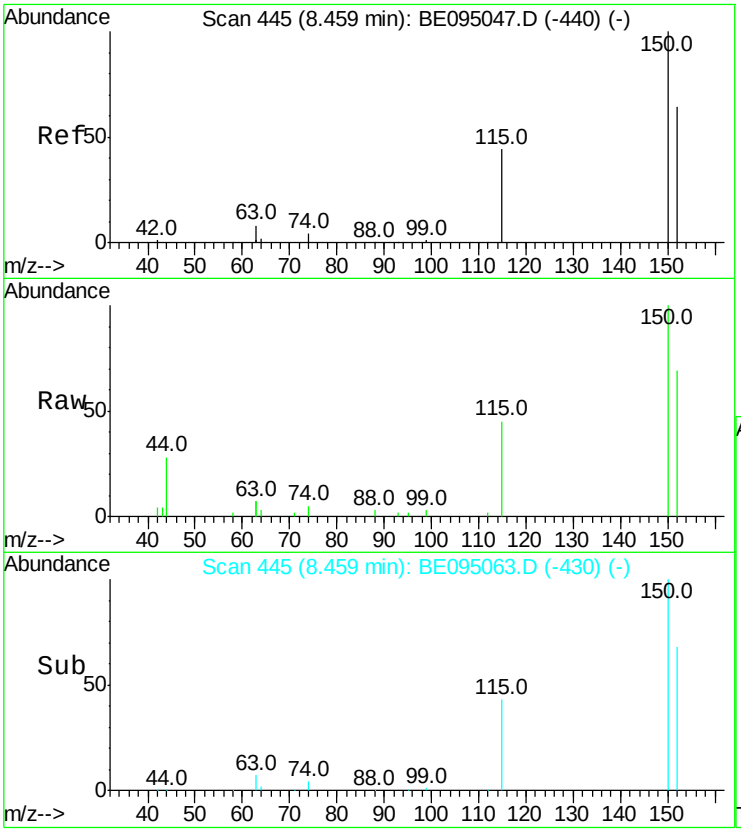
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
Data File : BE095063.D
Acq On : 26 Dec 2017 19:22
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 27 01:07:37 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



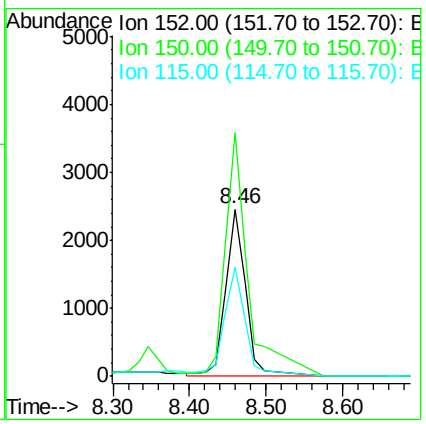


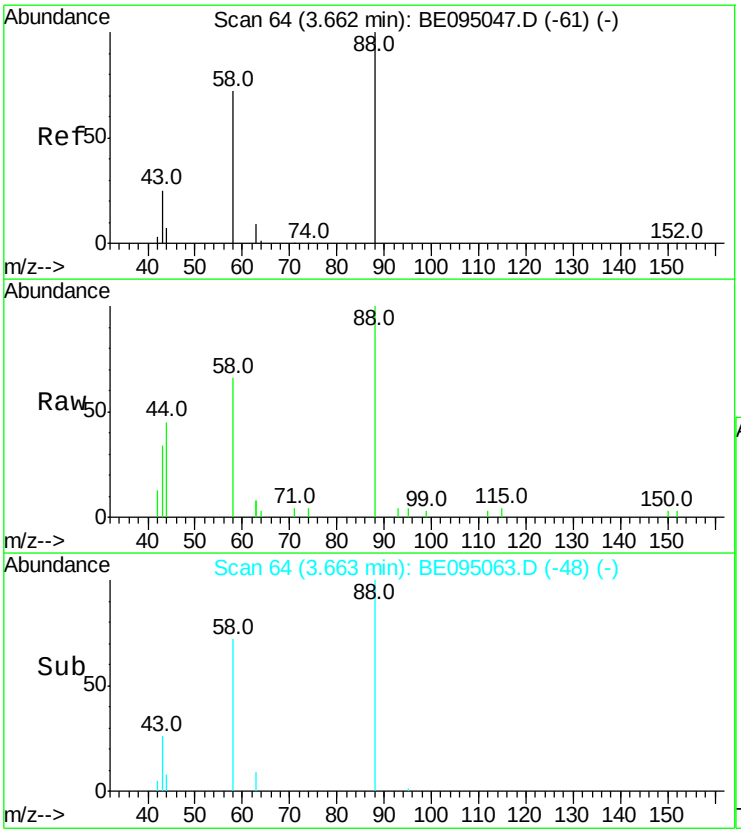
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6581

Ion	Ratio	Lower	Upper
152	100		
150	145.6	117.2	175.8
115	65.1	57.0	85.6

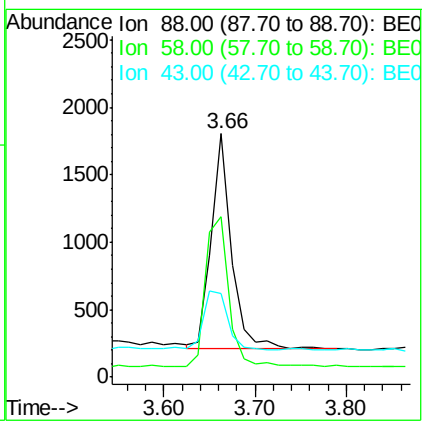


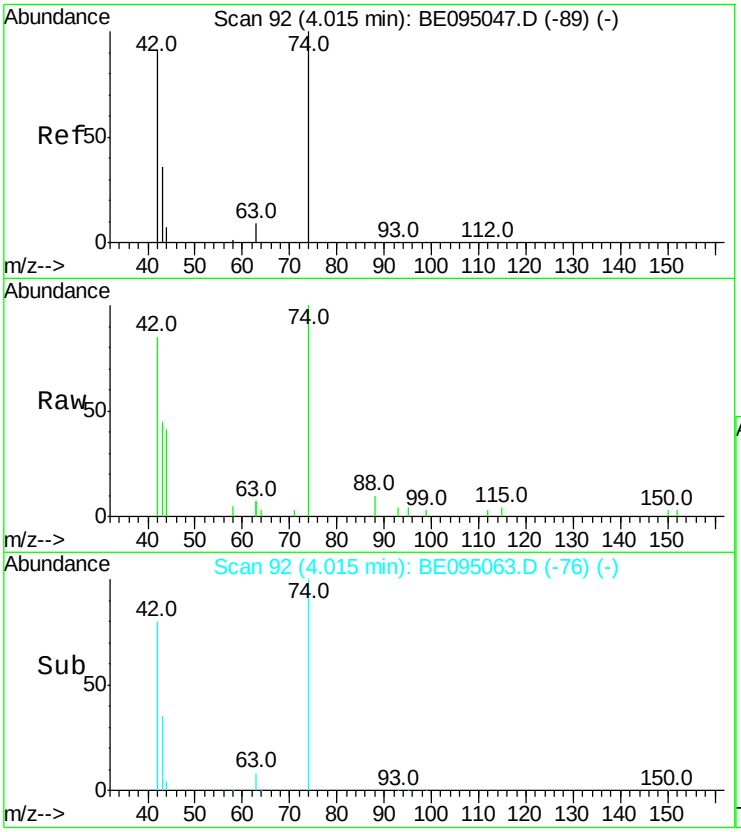


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion: 88 Resp: 2426

Ion	Ratio	Lower	Upper
88	100		
58	81.8	63.2	94.8
43	33.5	41.2	61.8#



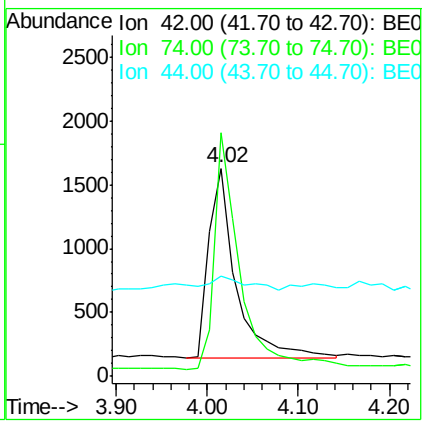


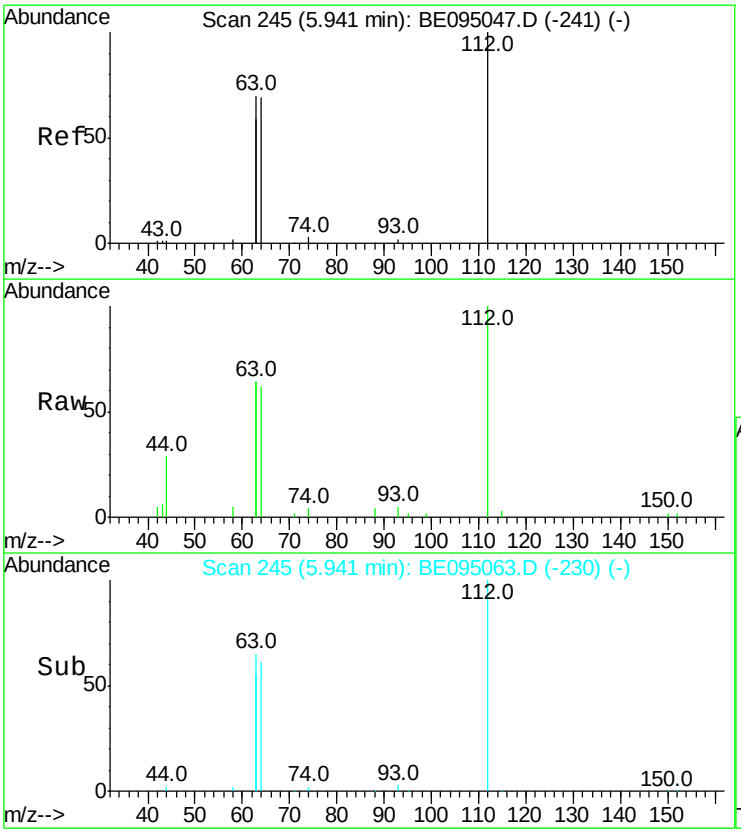
#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3050

Ion	Ratio	Lower	Upper
42	100		
74	117.9	96.0	144.0
44	8.8	12.0	18.0#

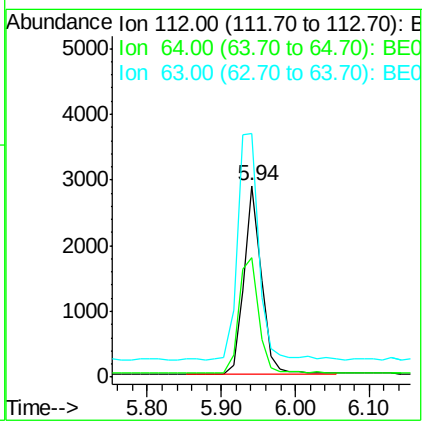


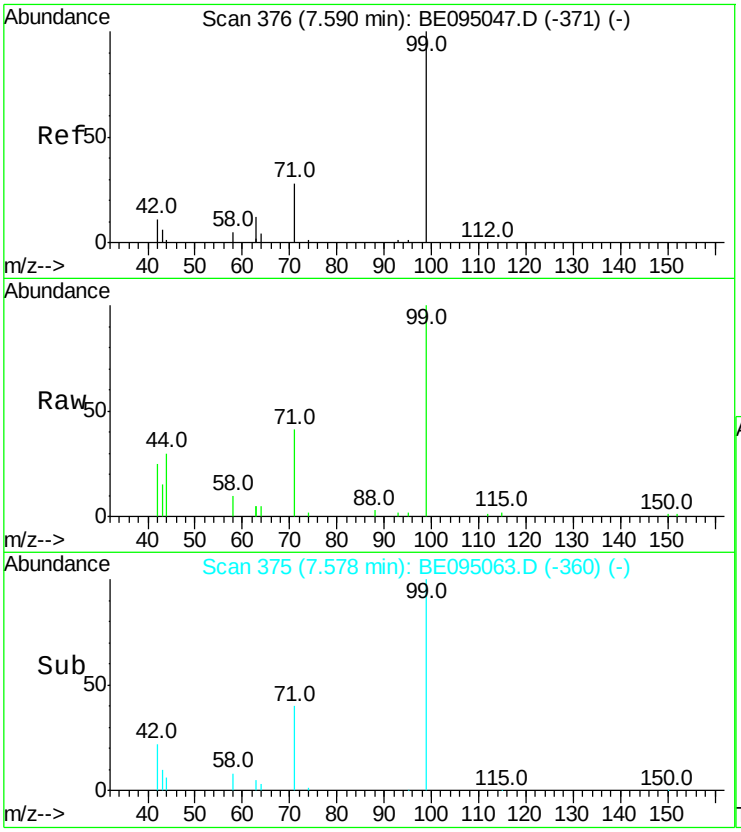


#4
2-Fluorophenol
Concen: 0.454 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:112 Resp: 4637

Ion	Ratio	Lower	Upper
112	100		
64	71.2	60.1	90.1
63	149.5	116.8	175.2



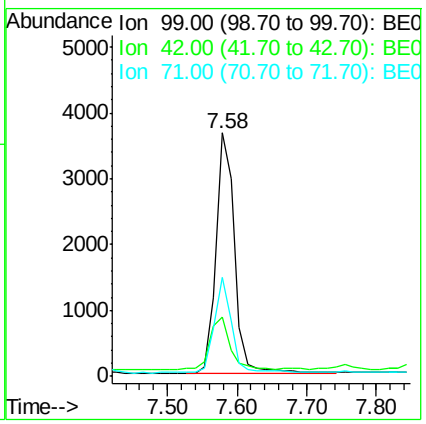


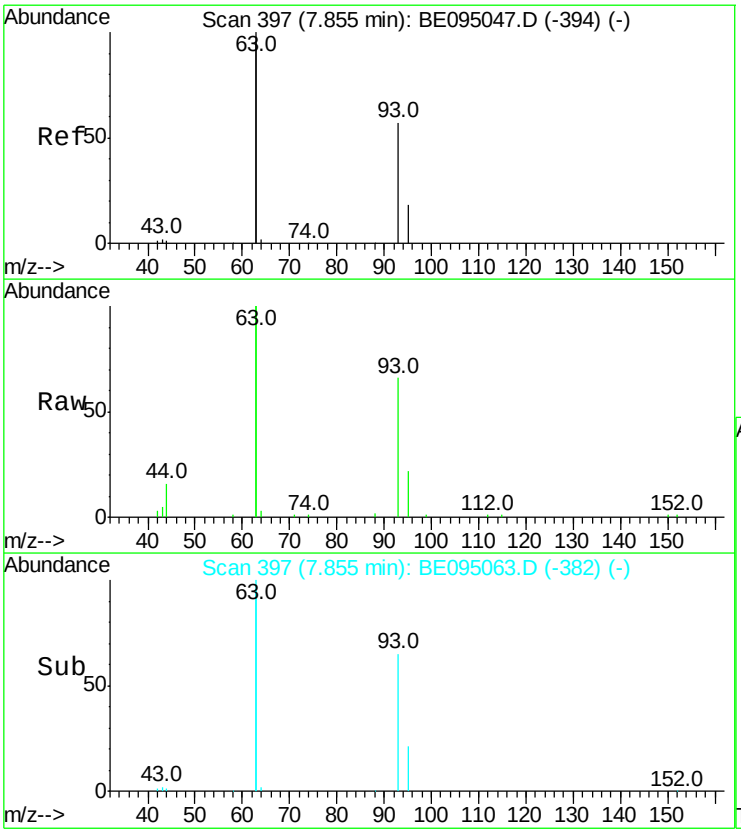
#5
Phenol-d6
Concen: 0.447 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6781

Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.2	30.2
71	36.8	28.4	42.6

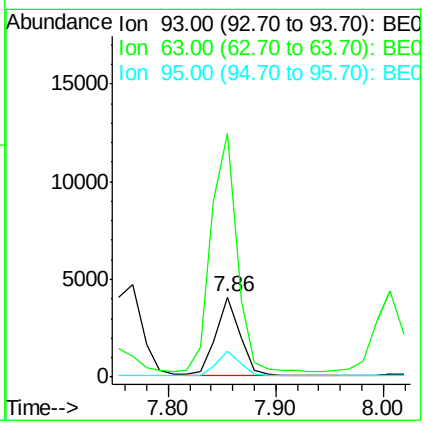


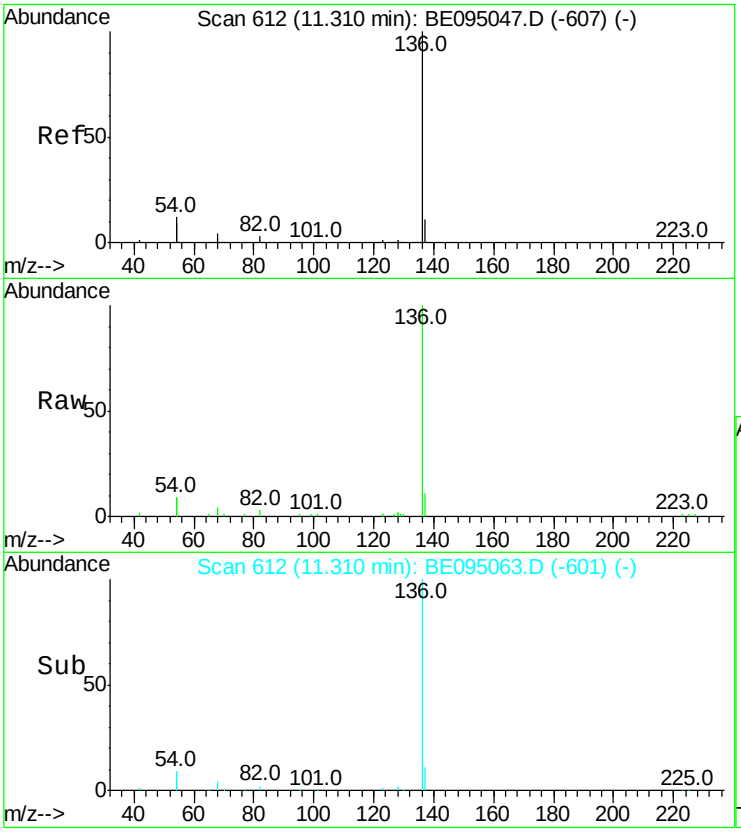


#6
bis(2-Chloroethyl)ether
Concen: 0.418 ng
RT: 7.86 min Scan# 397
Delta R.T. -0.01 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion: 93 Resp: 6200

Ion	Ratio	Lower	Upper
93	100		
63	323.9	275.3	412.9
95	31.6	25.2	37.8



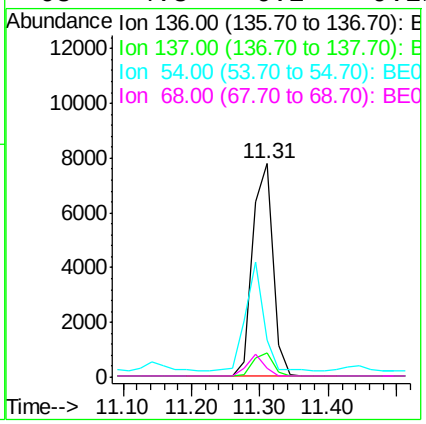


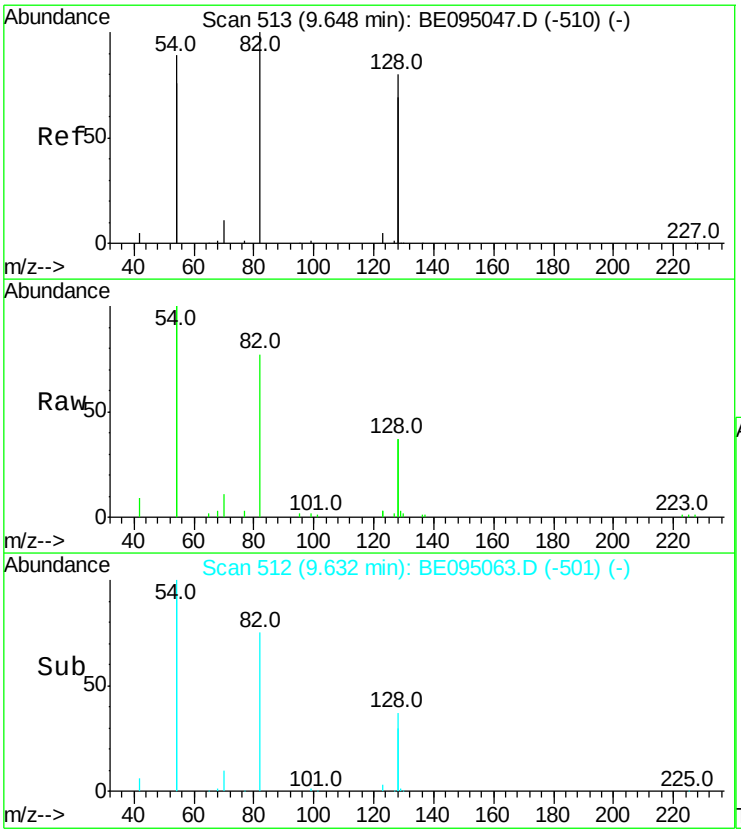
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15994

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	17.2	29.1	43.7#
68	4.3	6.2	9.2#

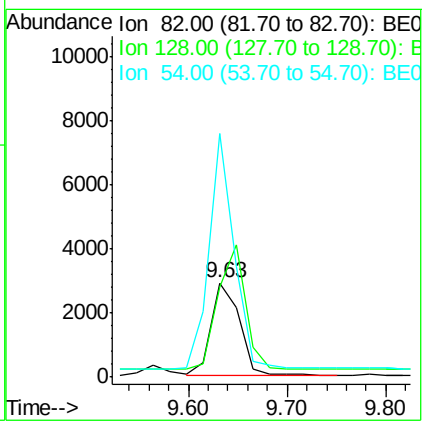


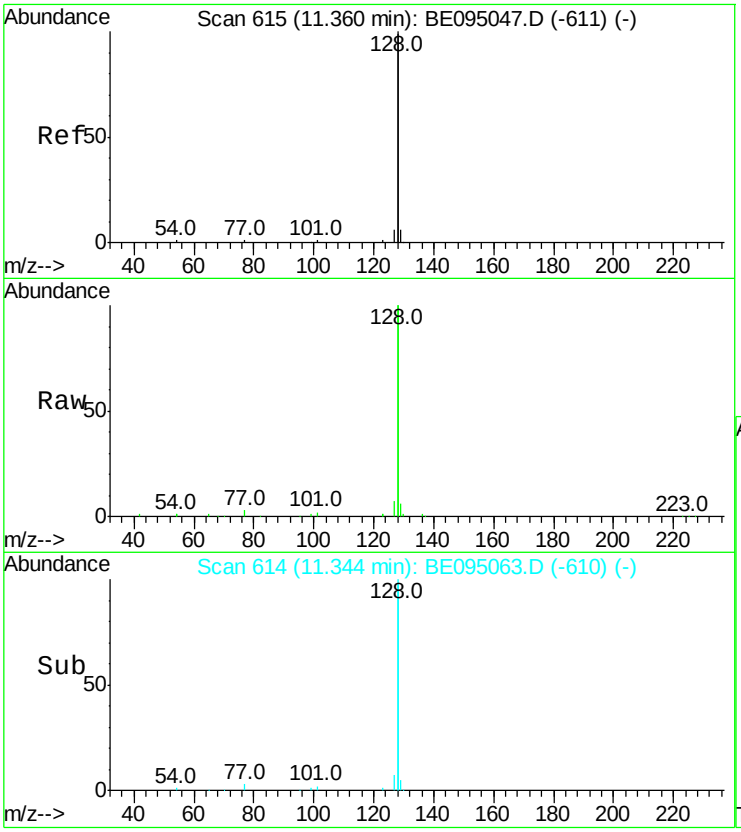


#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion: 82 Resp: 5656

Ion	Ratio	Lower	Upper
82	100		
128	95.8	150.0	225.0#
54	259.1	154.2	231.4#



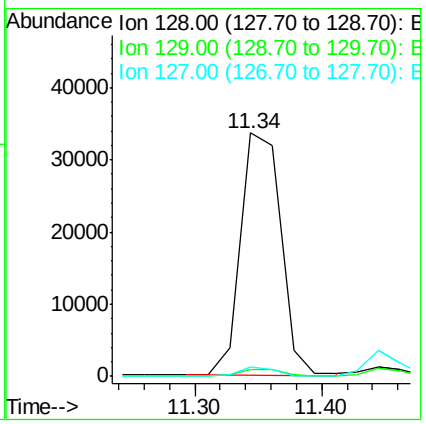


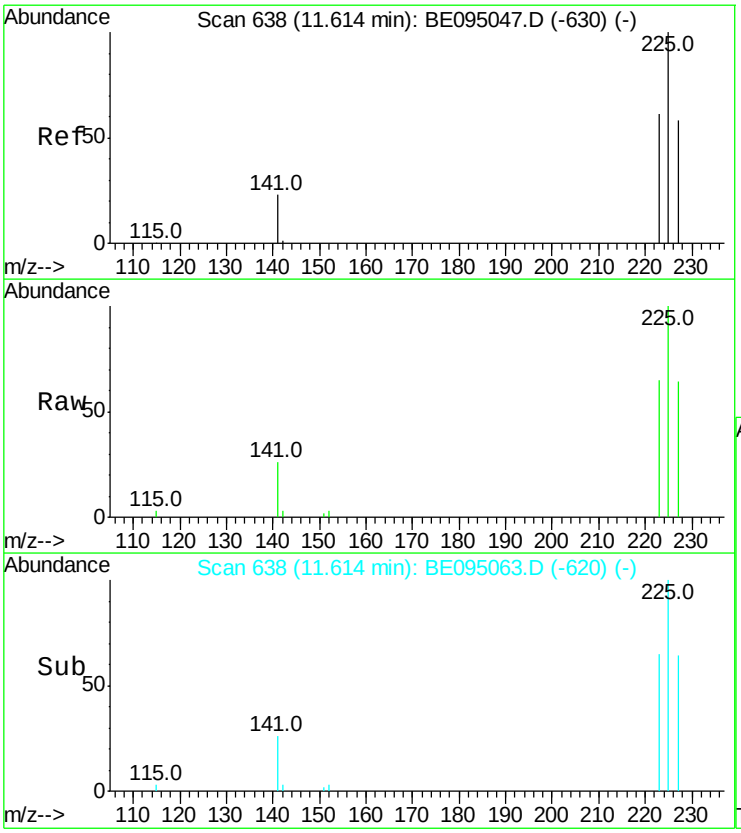
#9
Naphthalene
Concen: 0.393 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 73732

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

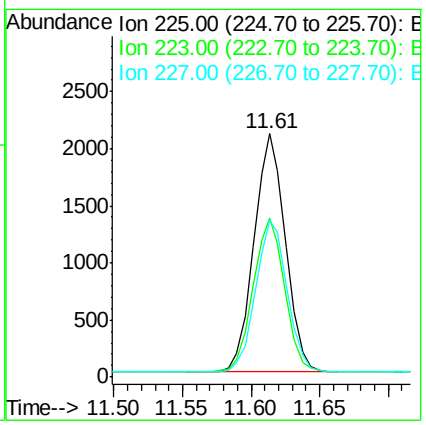


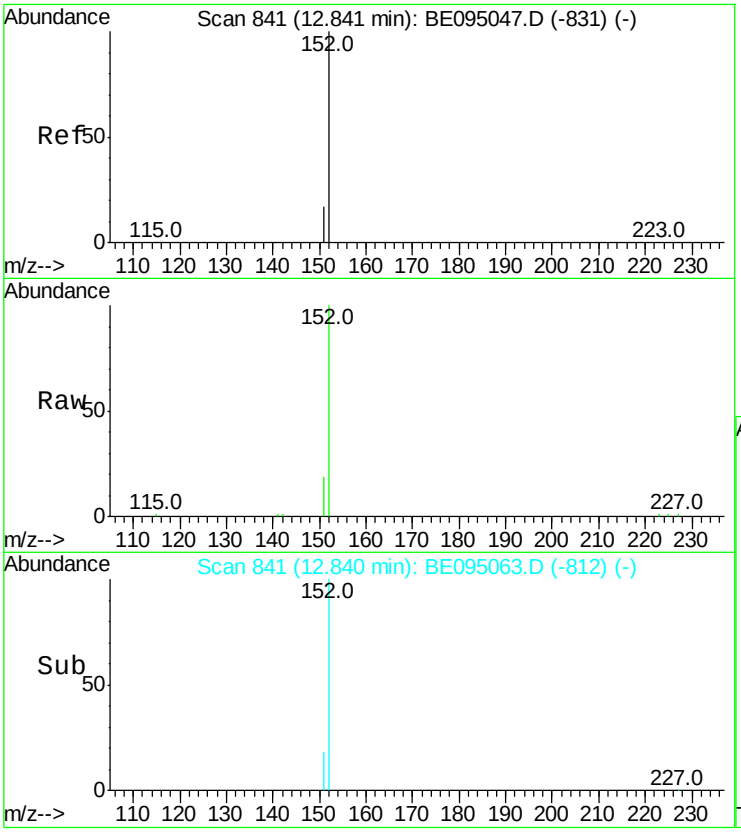


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.61 min Scan# 638
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:225 Resp: 3350

Ion	Ratio	Lower	Upper
225	100		
223	63.9	53.0	79.6
227	63.3	51.4	77.2



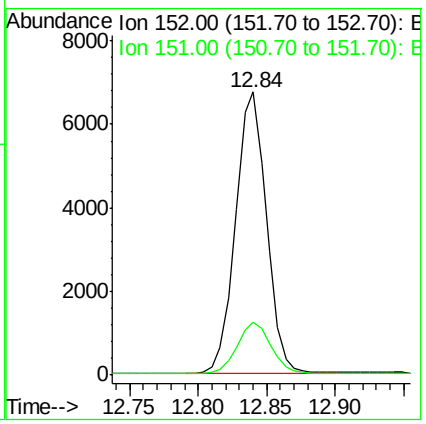


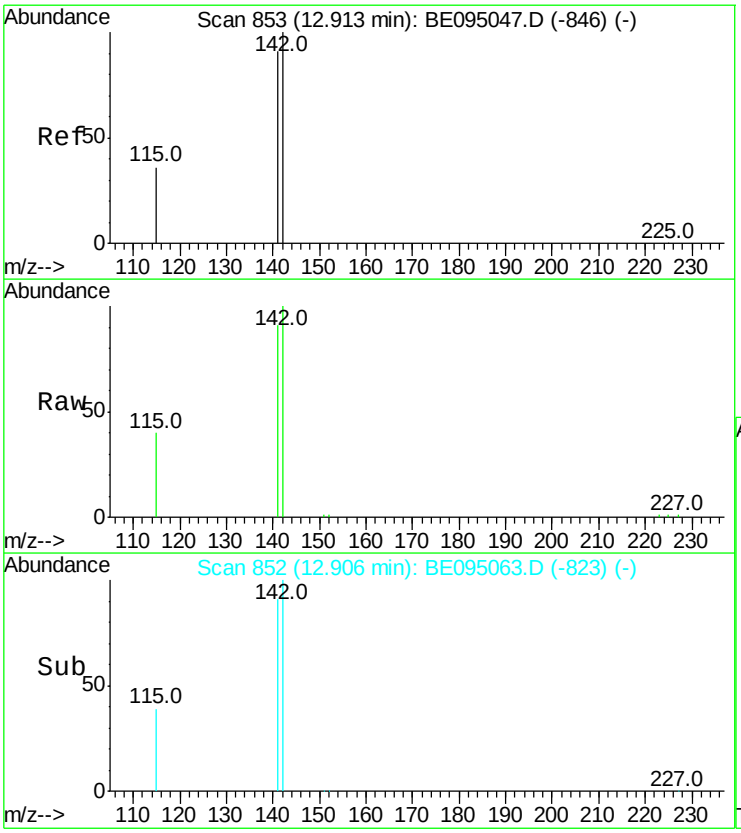
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10496

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

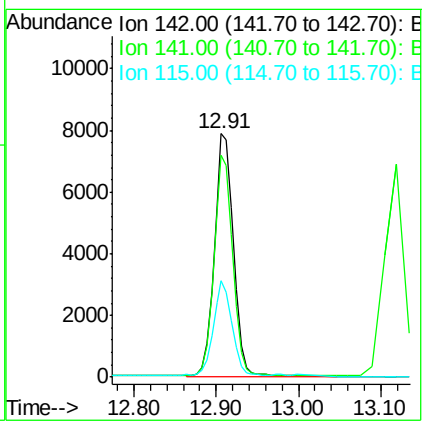


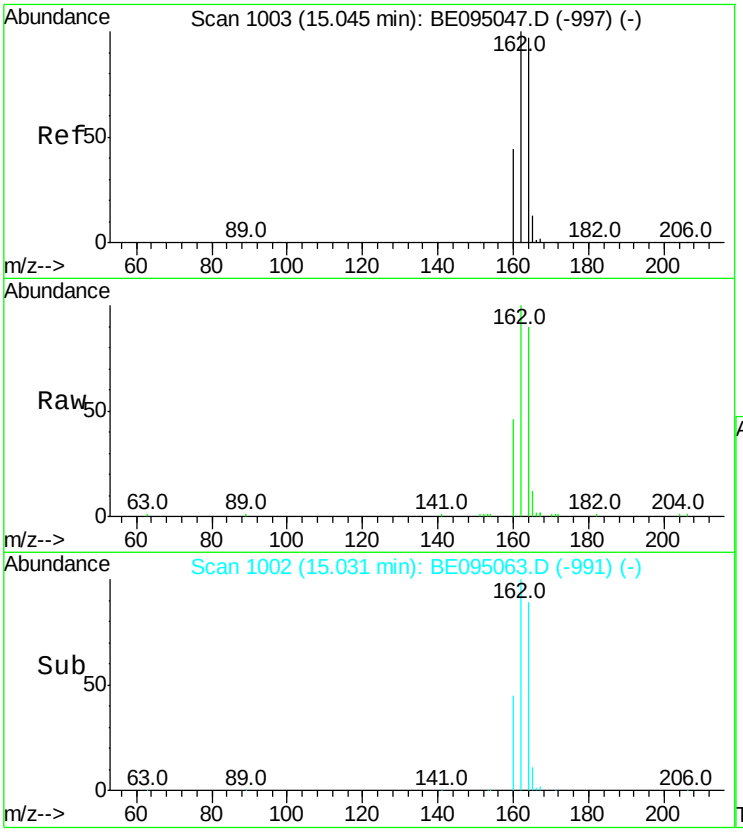


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.91 min Scan# 852
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:142 Resp: 17007

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.4	105.6
115	39.6	31.7	47.5



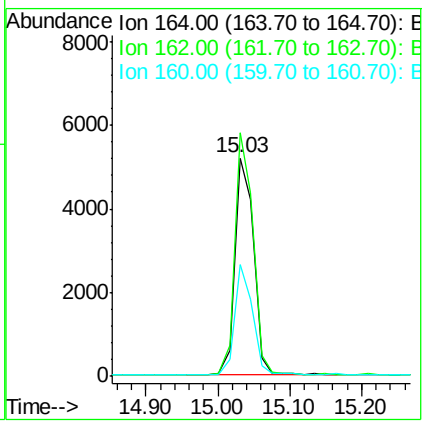


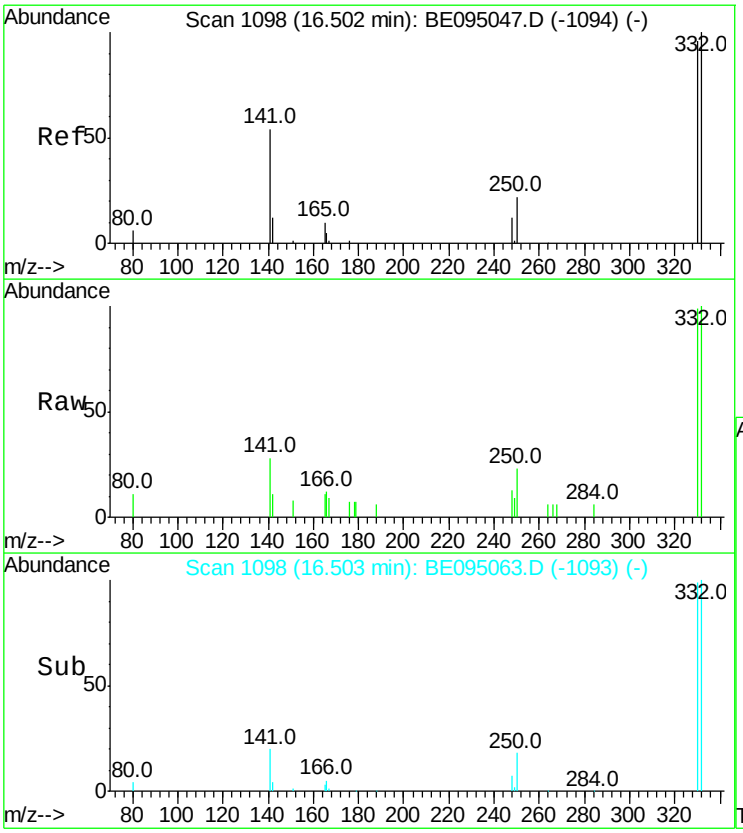
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9204

Ion	Ratio	Lower	Upper
164	100		
162	111.5	83.1	124.7
160	51.1	37.1	55.7

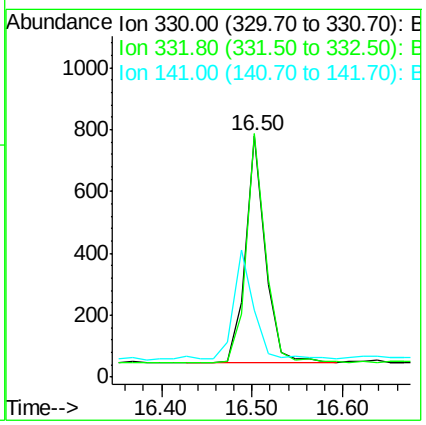


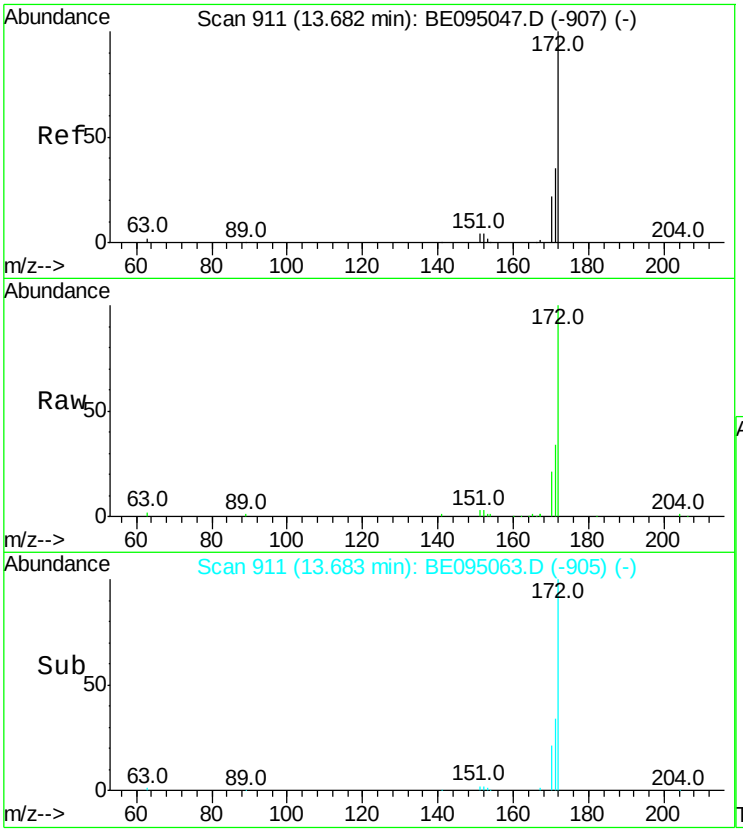


#14
2,4,6-Tribromophenol
Concen: 0.526 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:330 Resp: 1126

Ion	Ratio	Lower	Upper
330	100		
332	99.0	152.7	229.1#
141	48.0	33.7	50.5



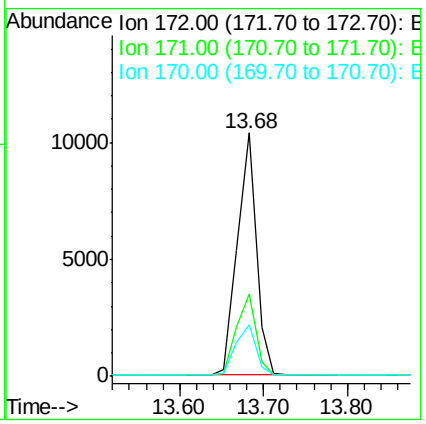


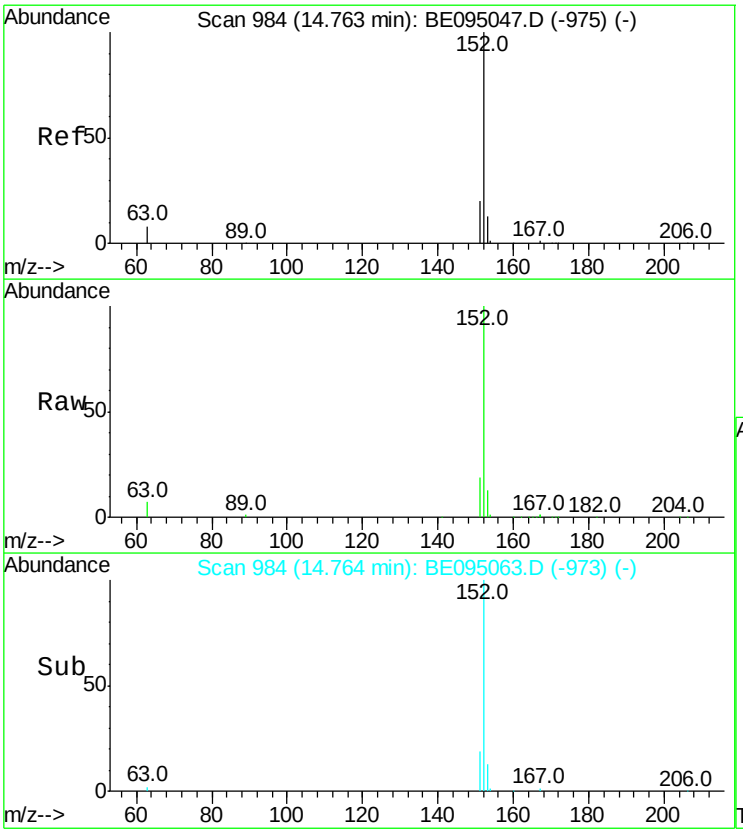
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16169

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	21.4	21.8	32.8#

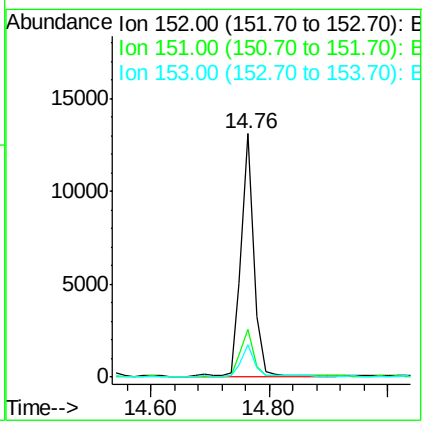


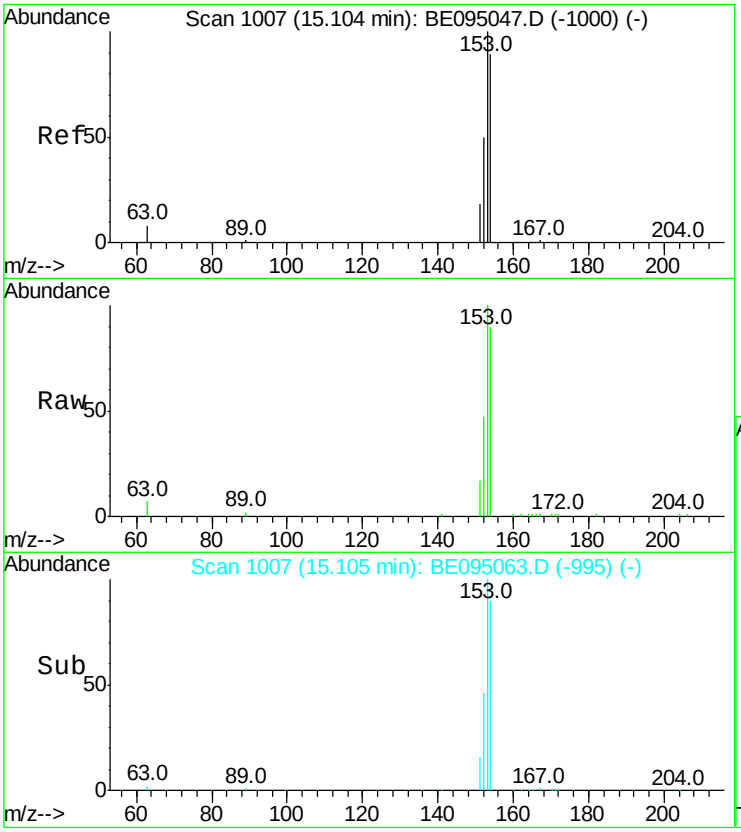


#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:152 Resp: 19701

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.5	15.7



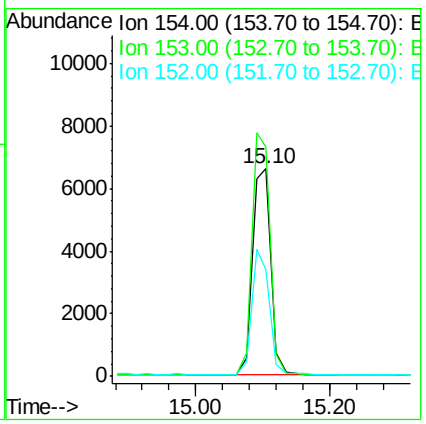


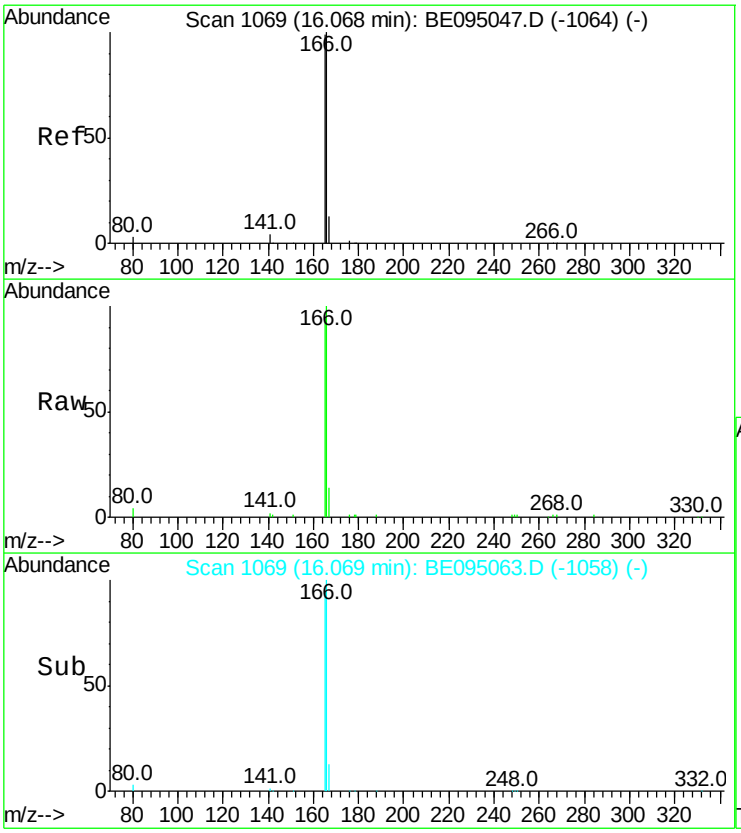
#17
Acenaphthene
Concen: 0.389 ng
RT: 15.10 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 12709

Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.2	133.8
152	57.5	42.0	63.0

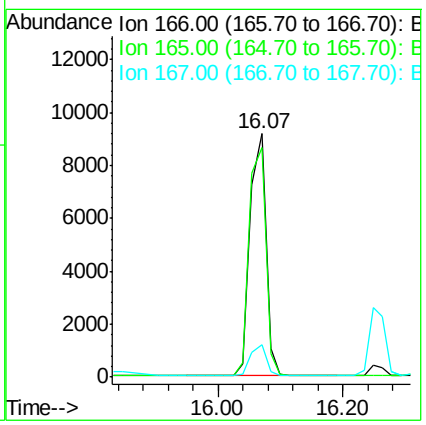


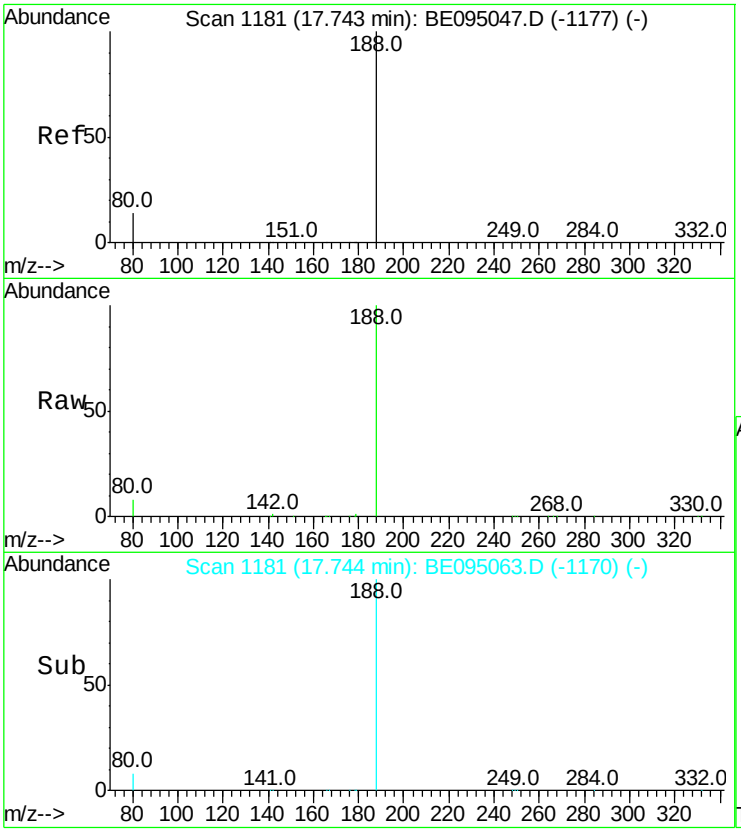


#18
Fluorene
Concen: 0.397 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:166 Resp: 16107

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.6
167	13.1	42.4	63.6#



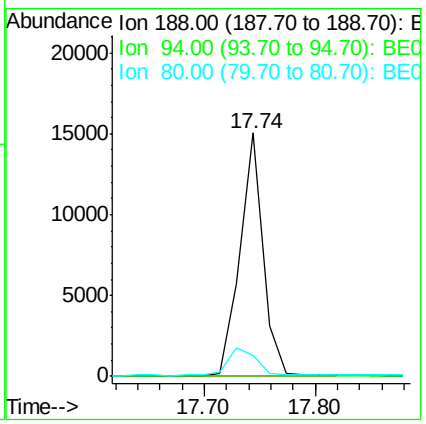


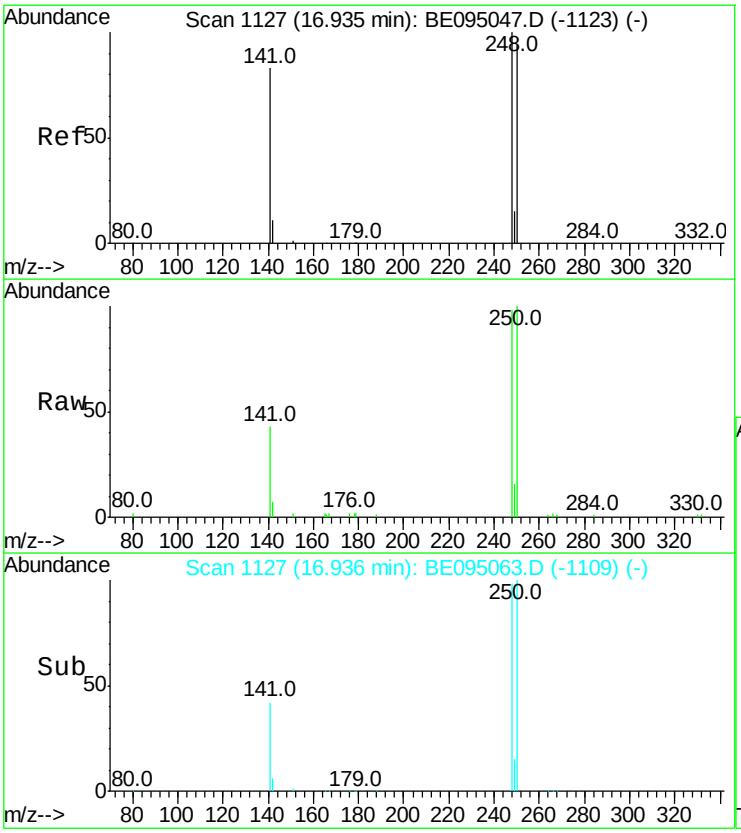
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 21660

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.4	3.6	5.4#

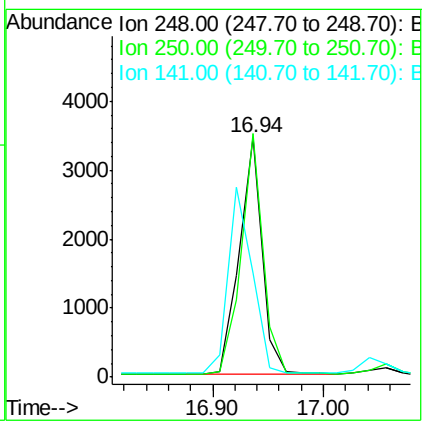


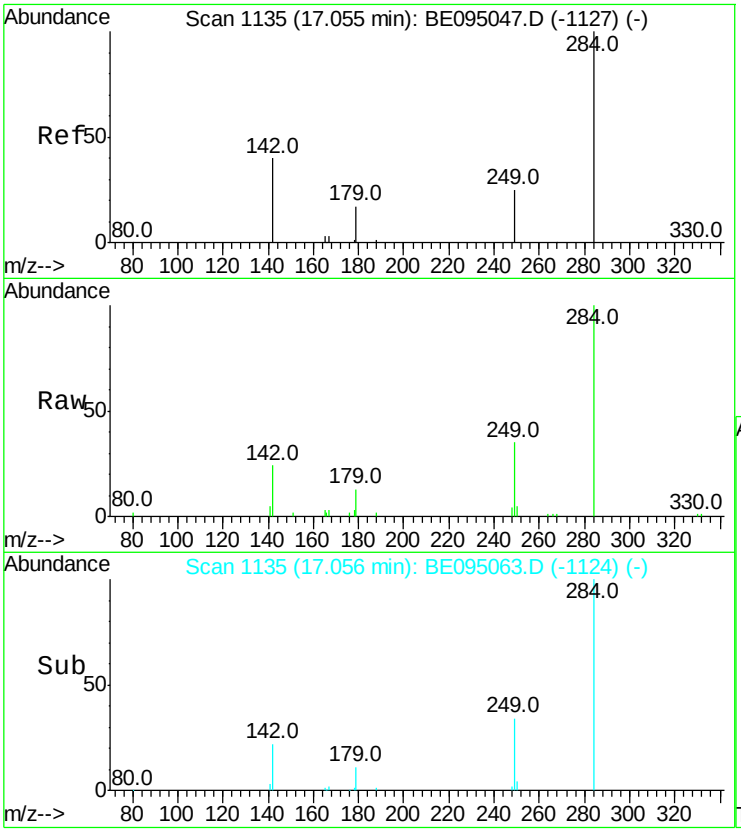


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.94 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:248 Resp: 4882

Ion	Ratio	Lower	Upper
248	100		
250	101.6	62.7	94.1#
141	43.7	48.2	72.2#



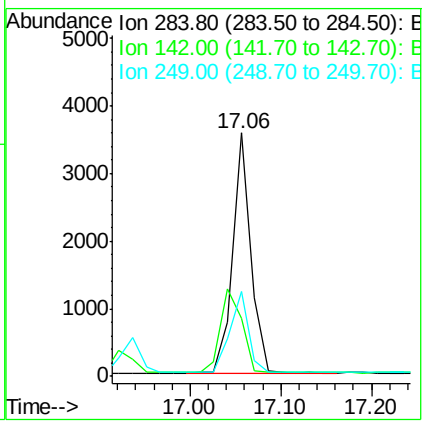


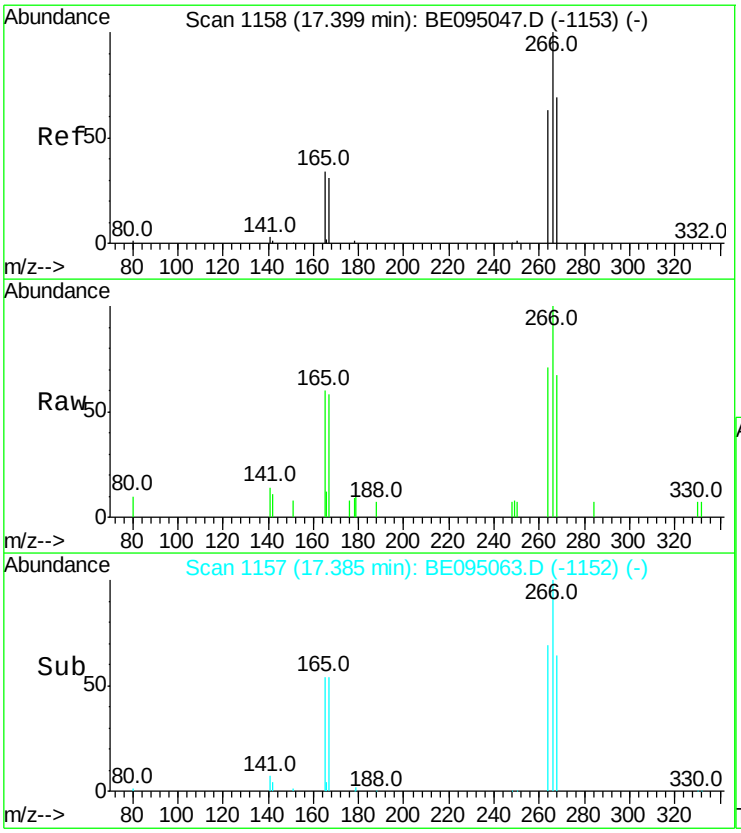
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4936

Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.1	33.1#
249	35.1	34.8	52.2

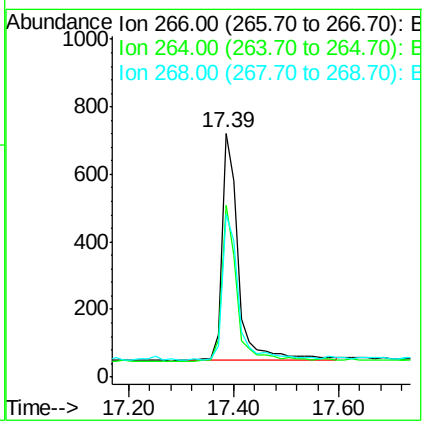


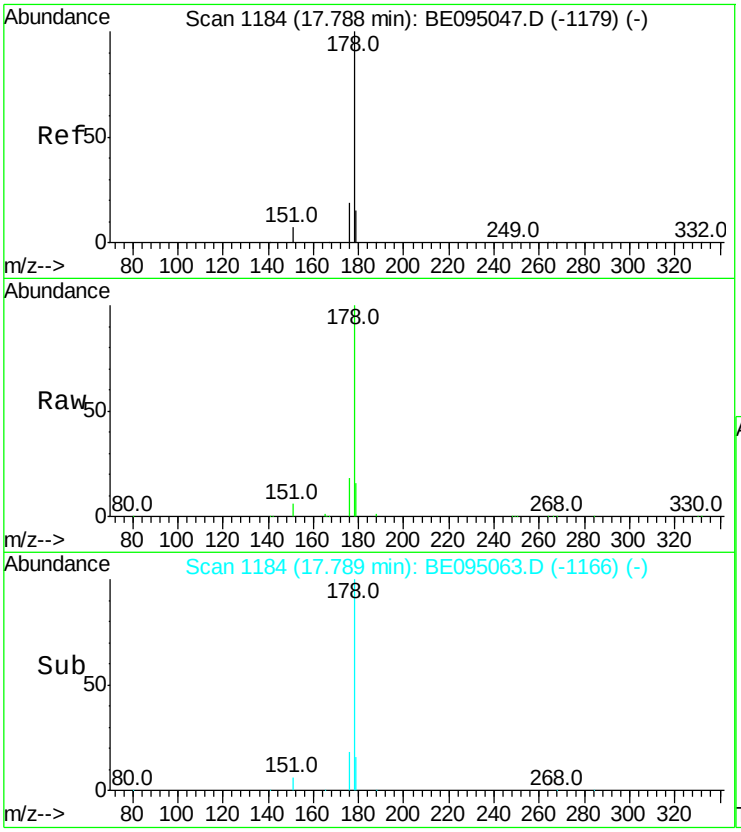


#22
Pentachlorophenol
Concen: 0.538 ng
RT: 17.39 min Scan# 1157
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:266 Resp: 1472

Ion	Ratio	Lower	Upper
266	100		
264	70.6	72.5	108.7#
268	66.7	73.8	110.6#



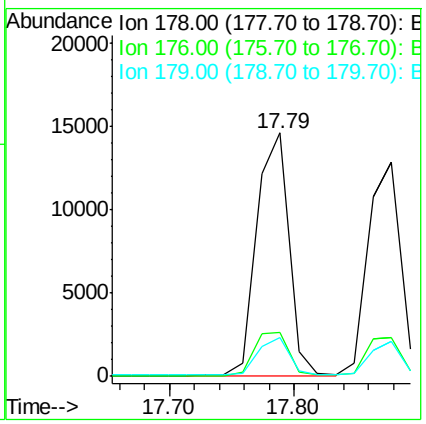


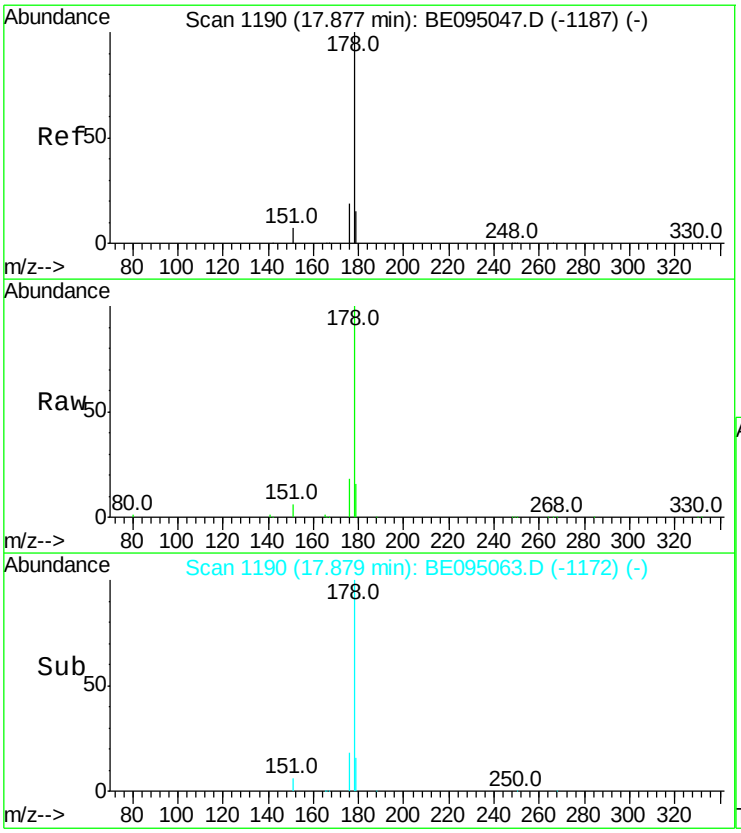
#23
Phenanthrene
Concen: 0.386 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26085

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.2	11.8	17.6

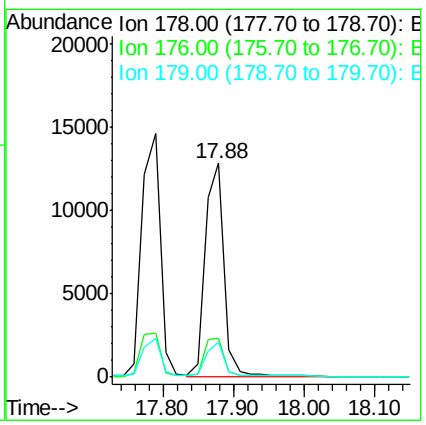


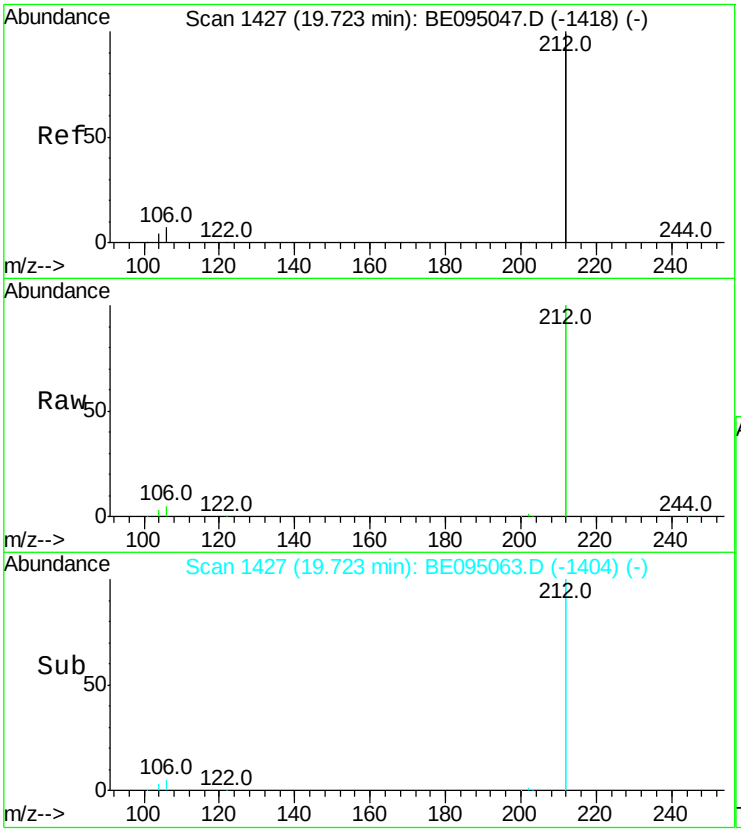


#24
Anthracene
Concen: 0.383 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:178 Resp: 26520

Ion	Ratio	Lower	Upper
178	100		
176	20.9	12.8	19.2#
179	13.4	13.0	19.6



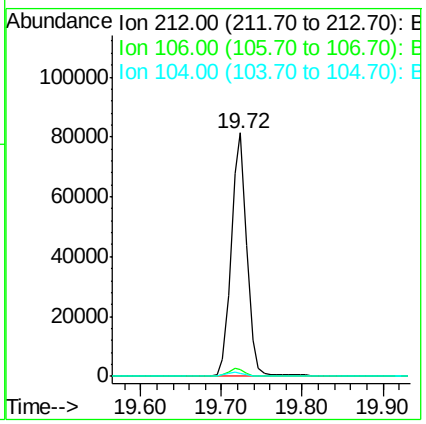


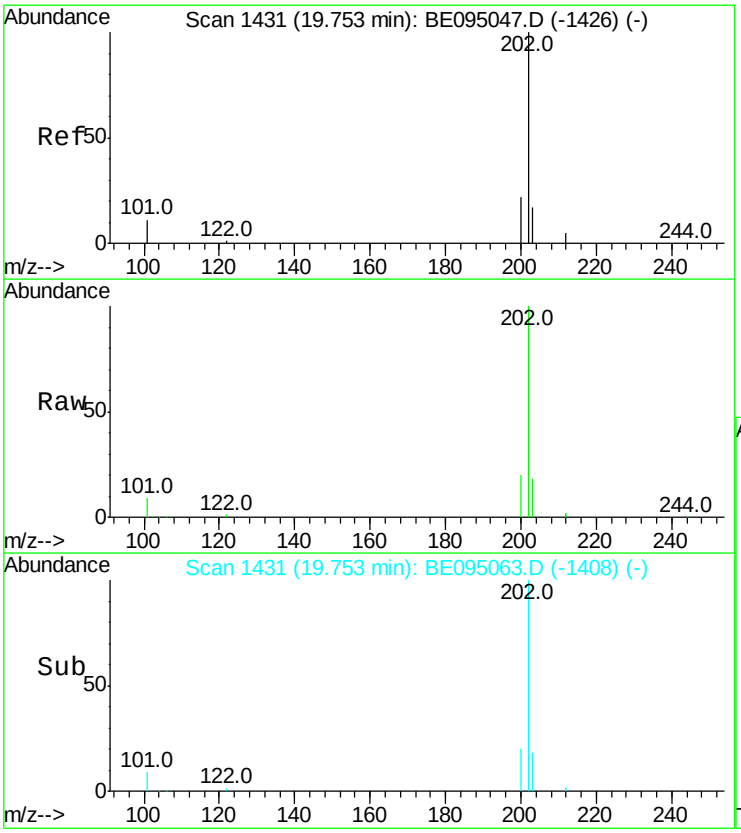
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 107924

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

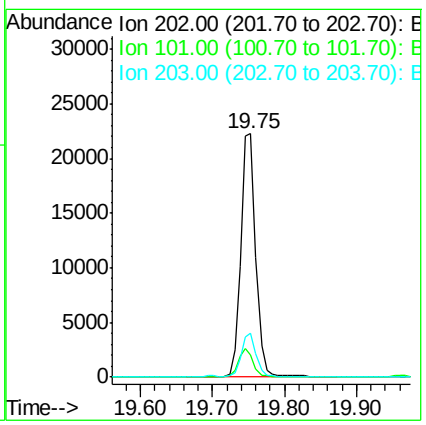


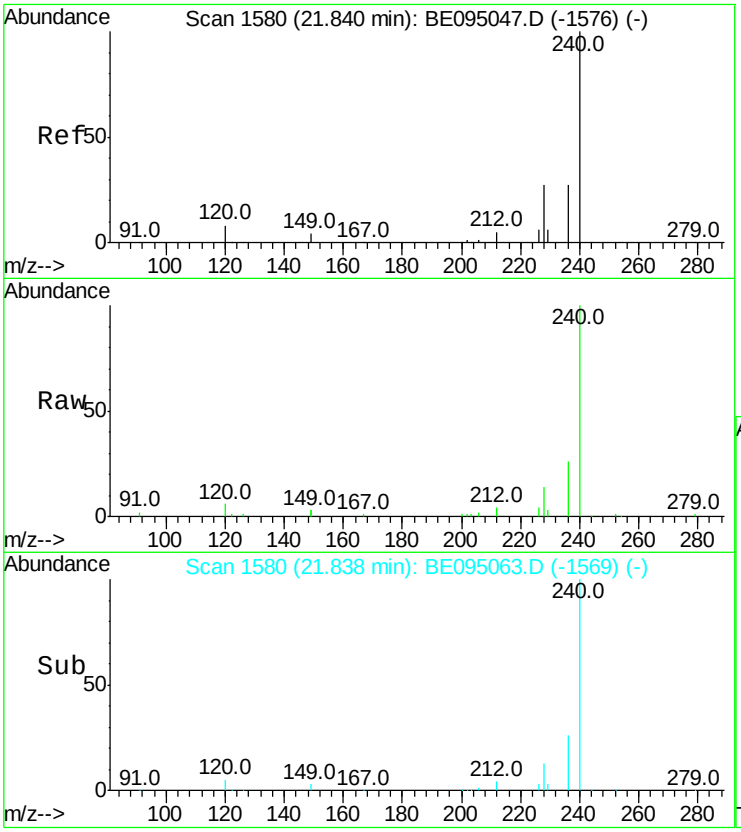


#26
Fluoranthene
Concen: 0.385 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:202 Resp: 32087

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



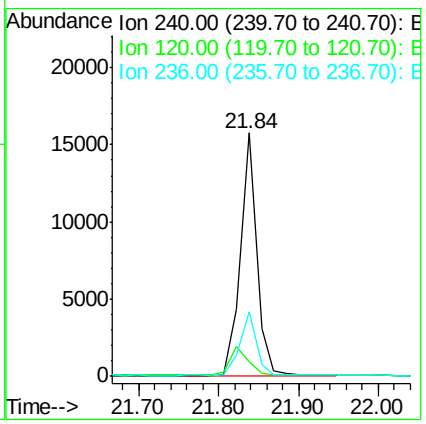


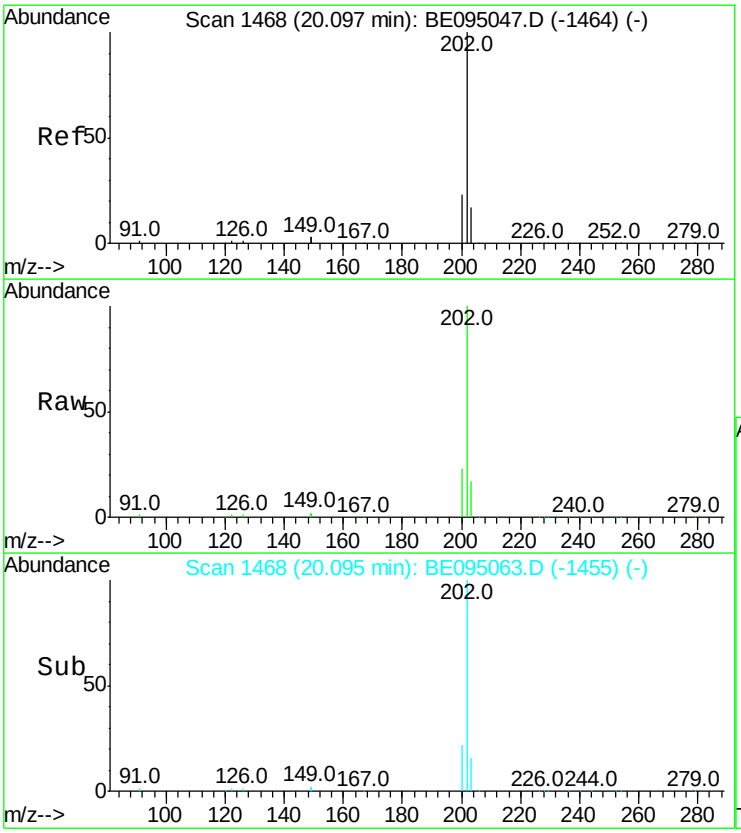
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 22182

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	26.5	20.7	31.1

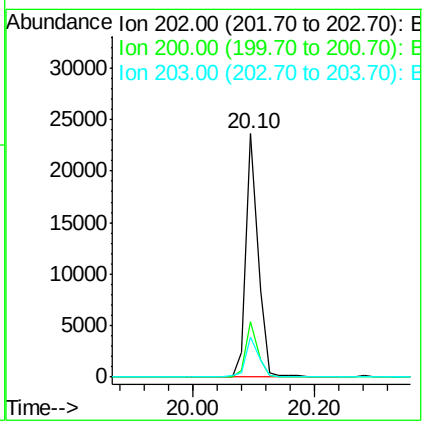


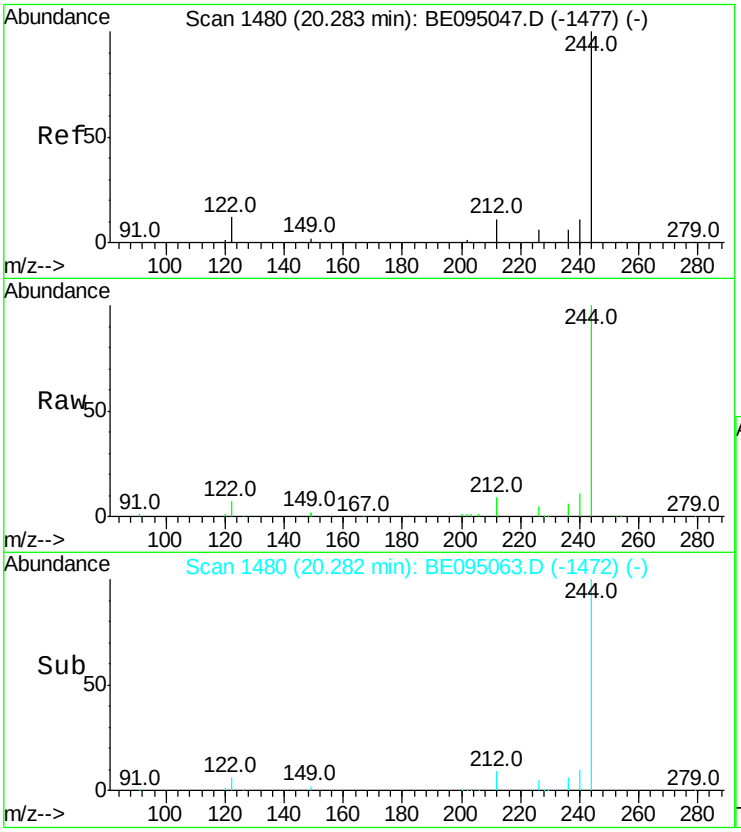


#28
Pyrene
Concen: 0.490 ng
RT: 20.10 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:202 Resp: 36822

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	16.7	13.8	20.8



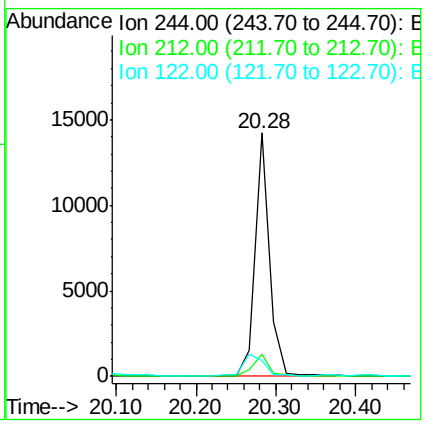


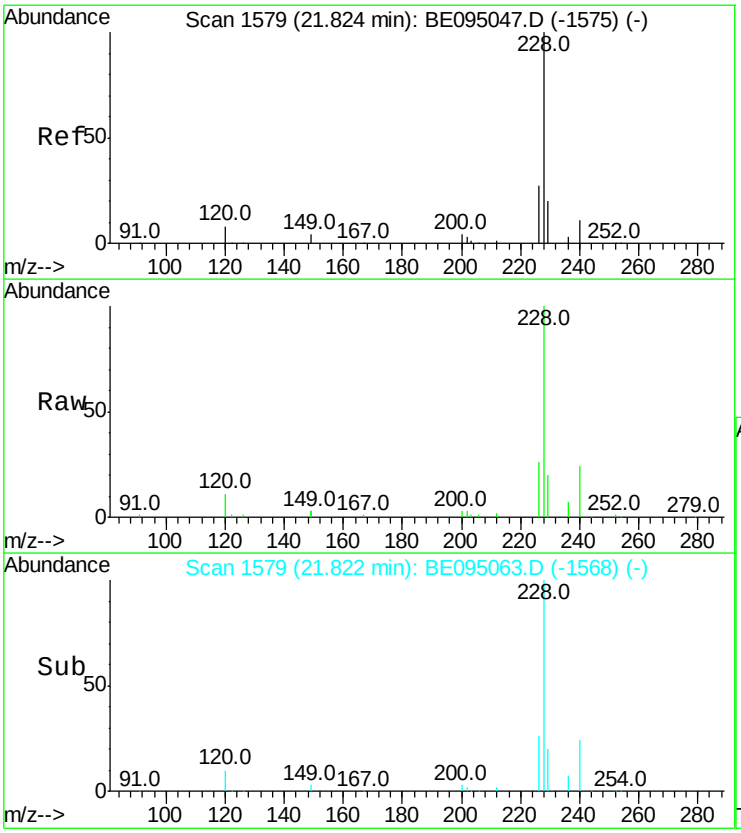
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 17803

Ion	Ratio	Lower	Upper
244	100		
212	9.1	25.4	38.0#
122	6.6	8.1	12.1#

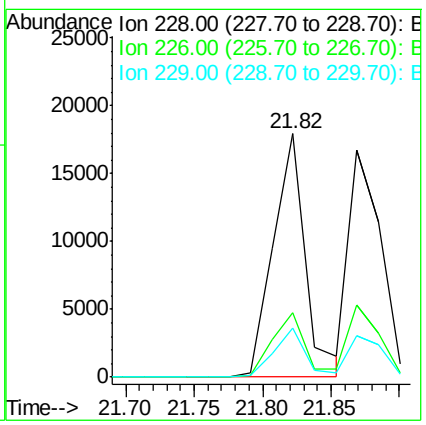


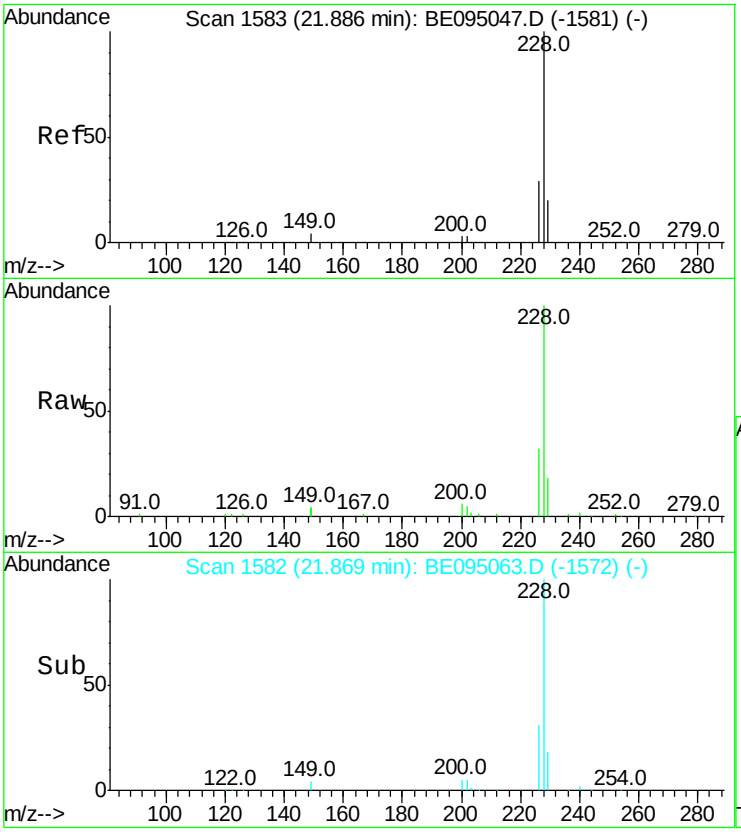


#30
Benzo(a)anthracene
Concen: 0.448 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:228 Resp: 29047

Ion	Ratio	Lower	Upper
228	100		
226	26.3	40.0	60.0#
229	20.1	40.0	60.0#



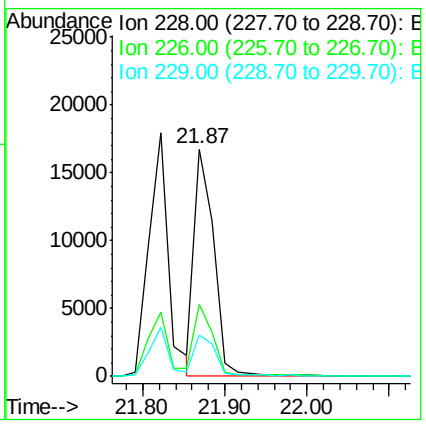


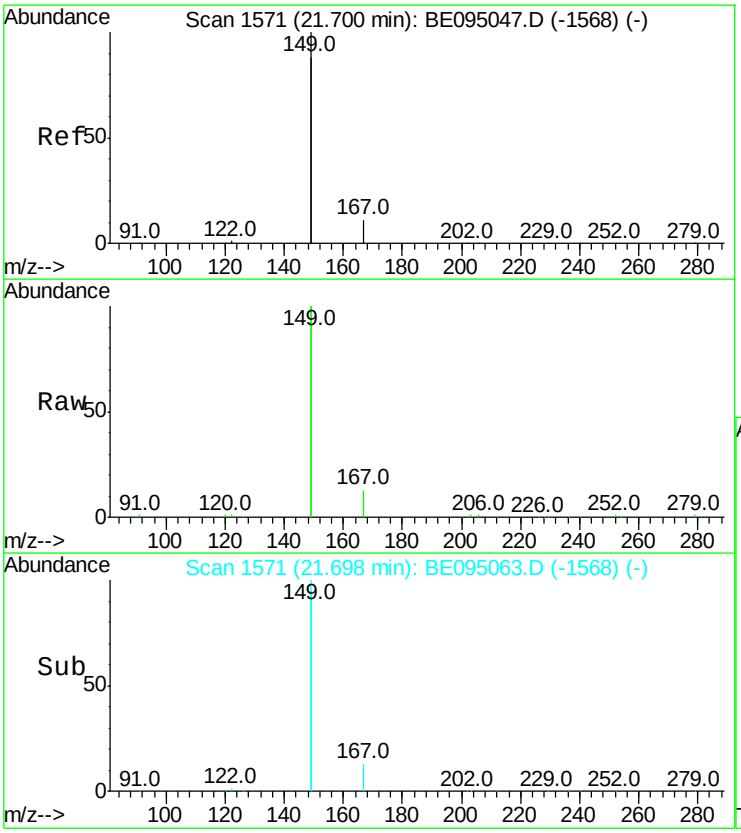
#31
Chrysene
Concen: 0.410 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 29917

Ion	Ratio	Lower	Upper
228	100		
226	31.6	40.0	60.0#
229	18.1	40.0	60.0#

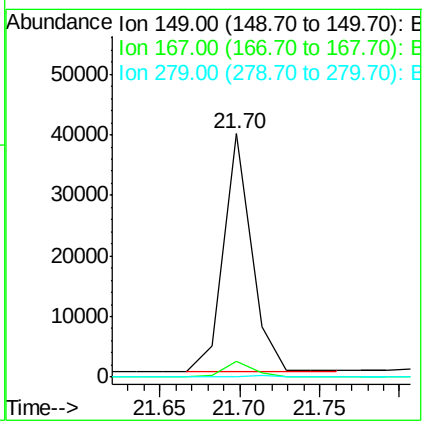


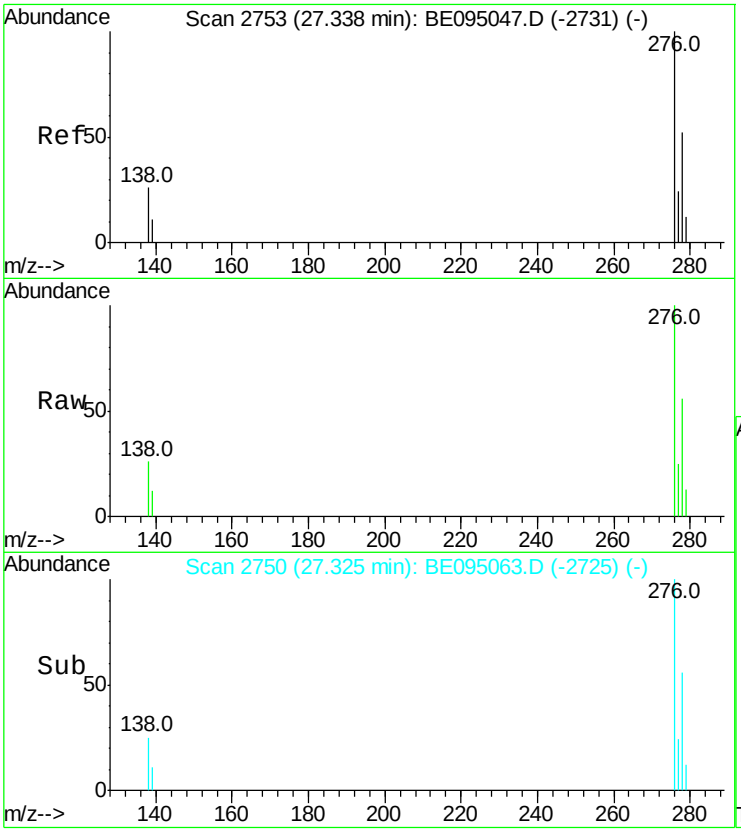


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.576 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:149 Resp: 47590

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



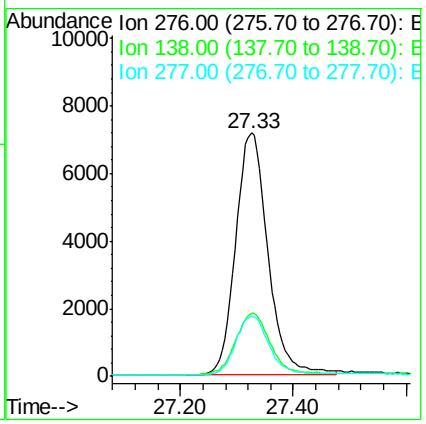


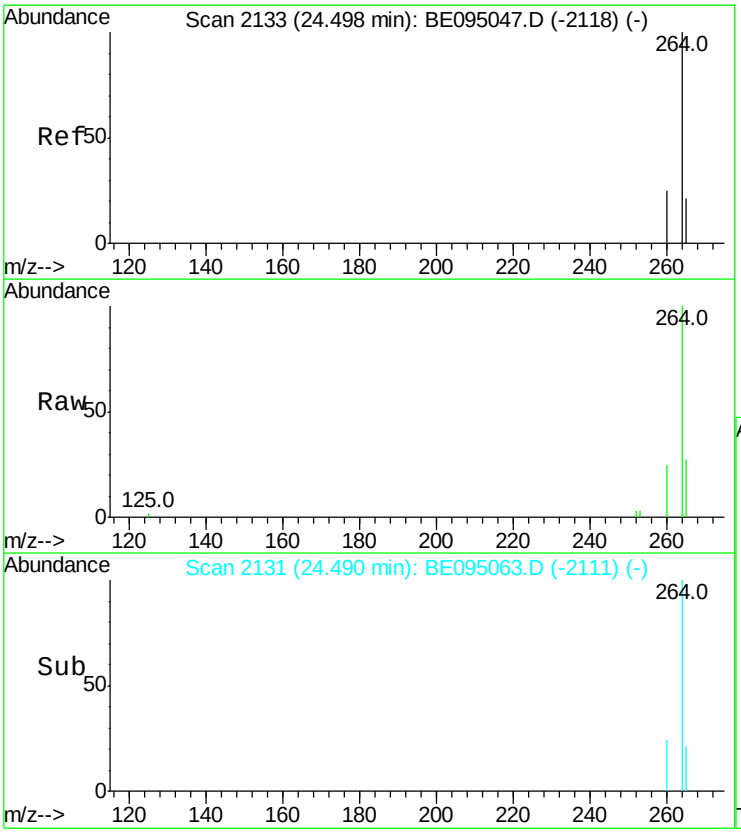
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng
RT: 27.33 min Scan# 2750
Delta R.T. -0.09 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27526

Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.5	33.7
277	24.7	19.9	29.9

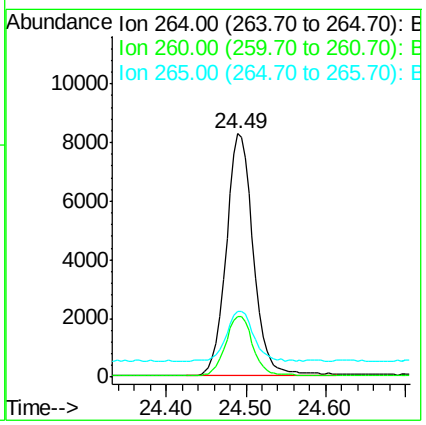


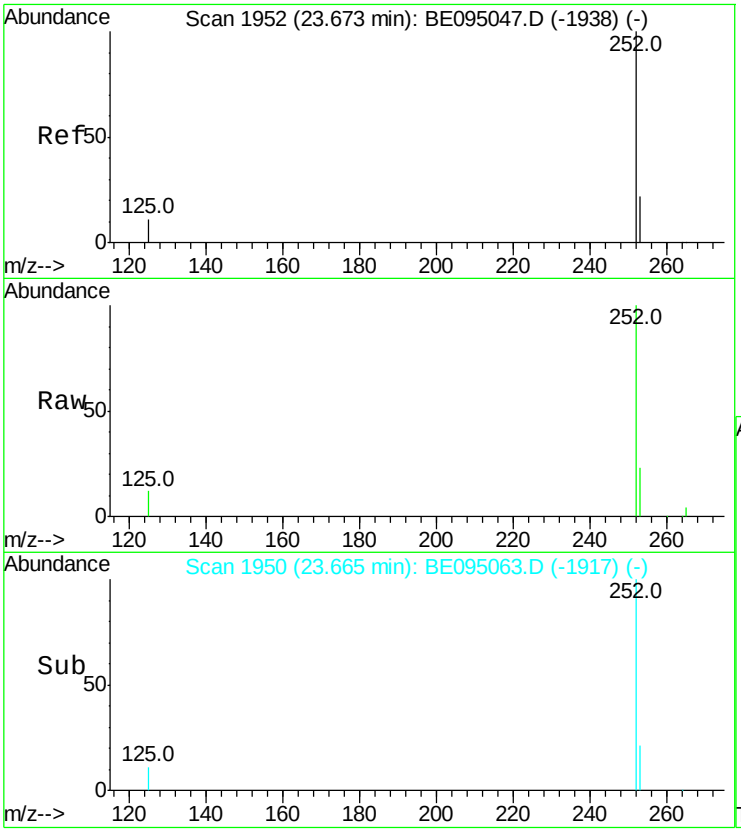


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2131
Delta R.T. -0.06 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:264 Resp: 19407

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	27.1	22.8	34.2



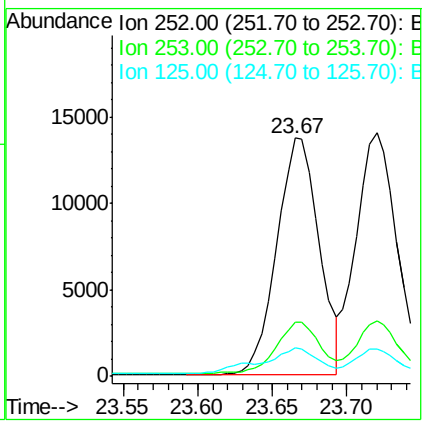


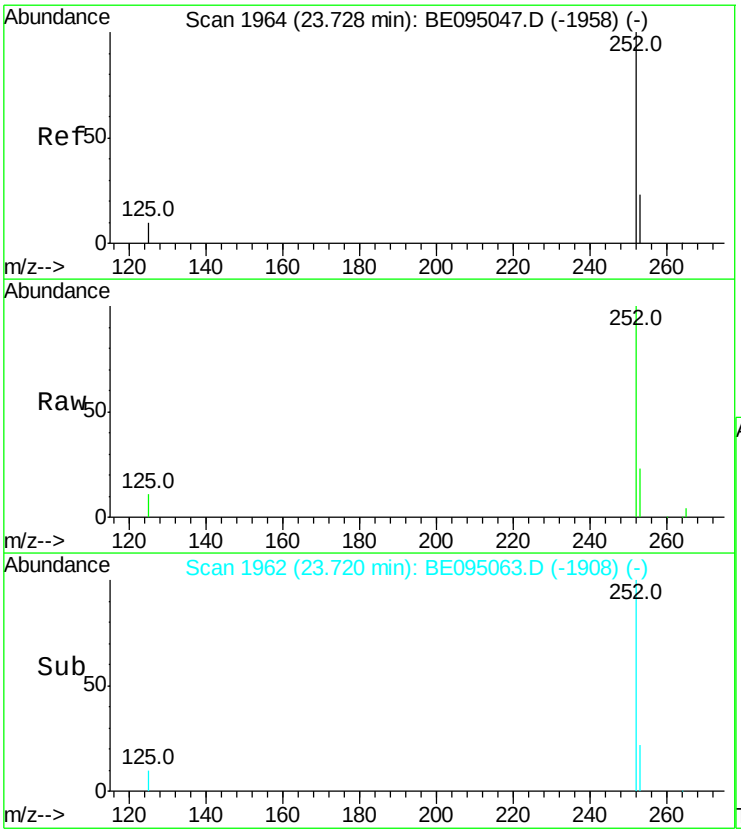
#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 26998

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.0	30.0
125	11.9	16.0	24.0#

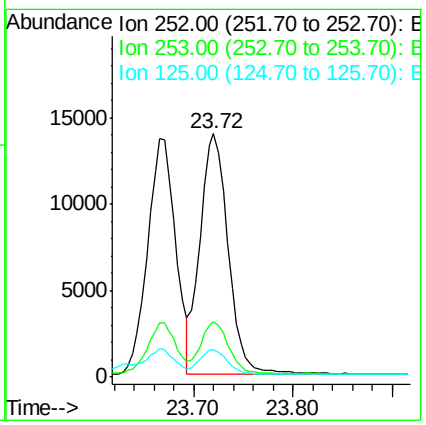


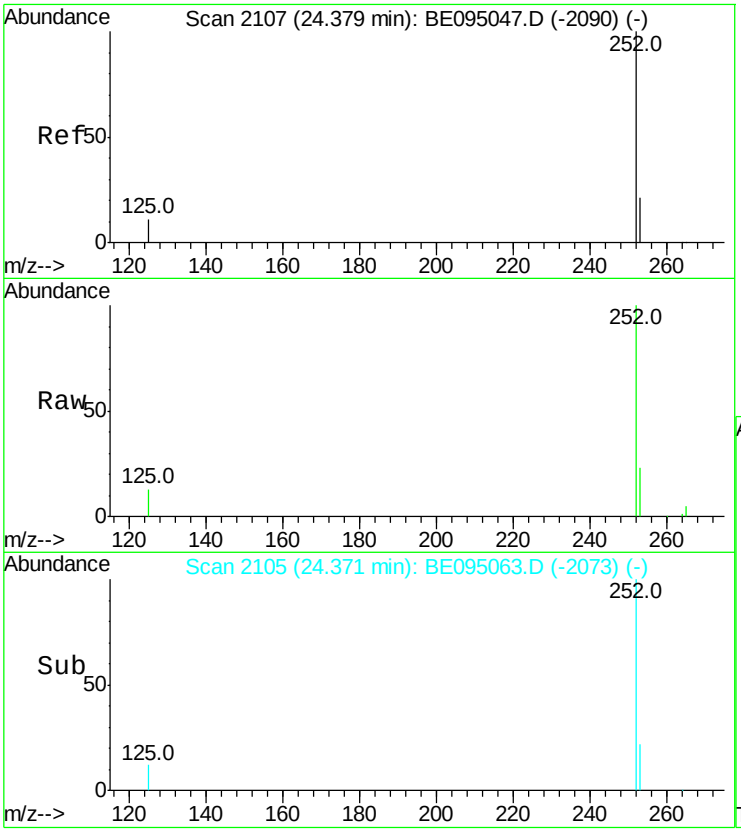


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.72 min Scan# 1962
Delta R.T. -0.06 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:252 Resp: 27153

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	11.3	8.0	12.0



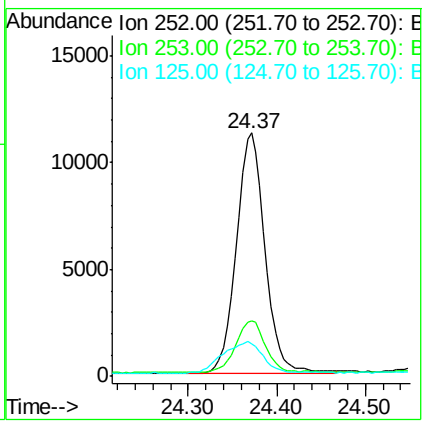


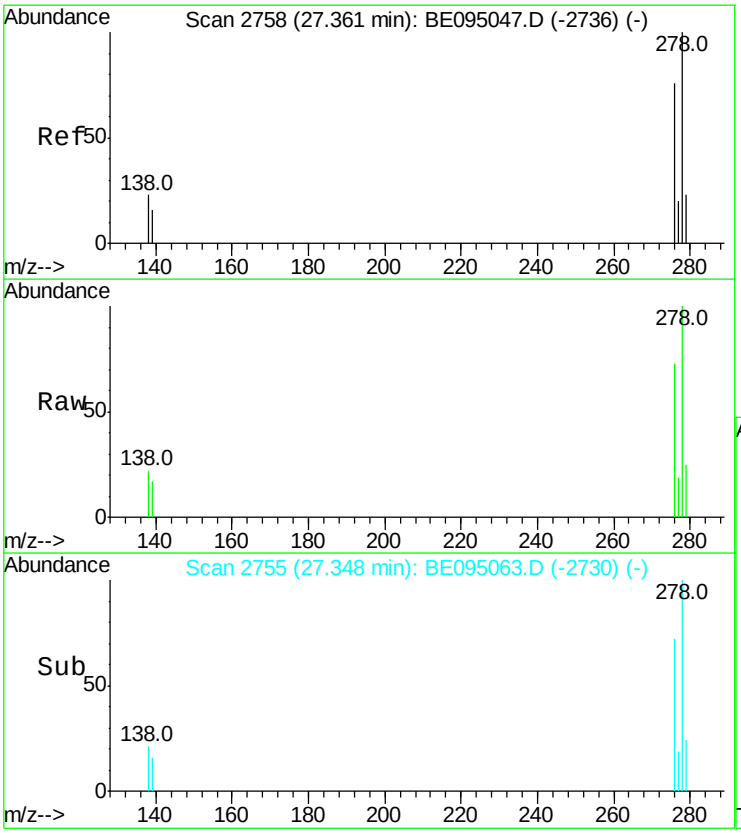
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 24.37 min Scan# 2105
Delta R.T. -0.06 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 25288

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	13.4	12.0	18.0

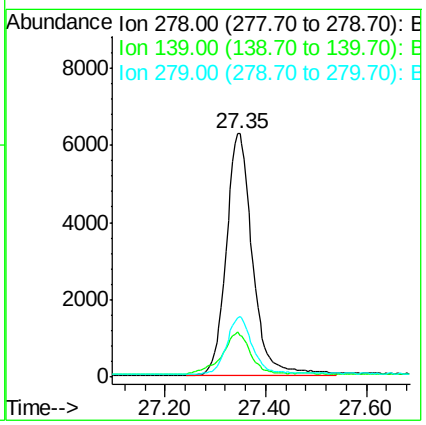


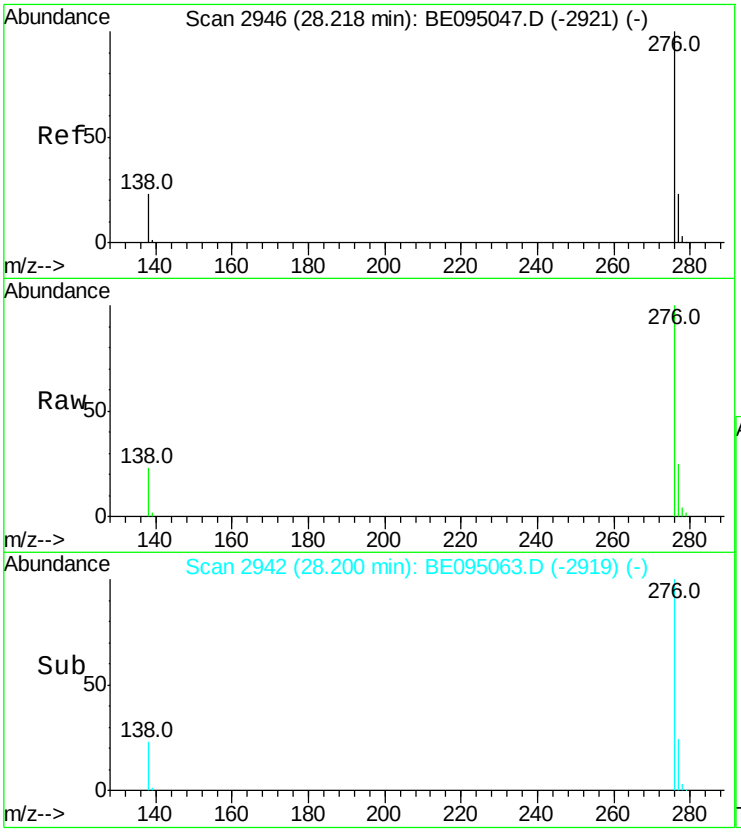


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 27.35 min Scan# 2755
Delta R.T. -0.09 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Tgt Ion:278 Resp: 22632

Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.0	24.0
279	24.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 28.20 min Scan# 2942
Delta R.T. -0.10 min
Lab File: BE095063.D
Acq: 26 Dec 2017 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22584

Ion	Ratio	Lower	Upper
276	100		
277	24.9	16.0	24.0#
138	23.5	20.0	30.0