Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095534.D
Acq On : 6 Feb 2018 18:03
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Feb 06 20:04:12 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 19:56:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1144	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	4473	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2622	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6216	0.40	ng		0.00
27) Chrysene-d12	21.79	240	6335	0.40	ng		0.00
34) Perylene-d12	24.43	264	5803	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1402	0.76	ng		0.00
5) Phenol-d6	7.57	99	1936	0.69	ng		0.00
8) Nitrobenzene-d5	9.61	82	1915	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	3033	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	464	0.73	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	4594	0.40	ng		0.00
25) Fluoranthene-d10	19.69	212	32629	0.42	ng		0.00
29) Terphenyl-d14	20.25	244	5521	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	760	0.675	ng	#	92
3) n-Nitrosodimethylamine	4.00	42	964	0.718	ng	#	83
6) bis(2-Chloroethyl)ether	7.83	93	1806	0.691	ng		95
9) Naphthalene	11.33	128	21405	0.418	ng		100
10) Hexachlorobutadiene	11.58	225	1238	0.539	ng		91
12) 2-Methylnaphthalene	12.88	142	3669	0.418	ng		98
16) Acenaphthylene	14.74	152	5964	0.425	ng		99
17) Acenaphthene	15.06	154	3712	0.407	ng		94
18) Fluorene	16.04	166	4737	0.415	ng	#	78
20) 4-Bromophenyl-phenylether	16.90	248	1539	0.421	ng	#	71
21) Hexachlorobenzene	17.02	284	1568	0.427	ng	#	82
22) Pentachlorophenol	17.37	266	357	0.420	ng	#	78
23) Phenanthrene	17.76	178	7733	0.403	ng		98
24) Anthracene	17.85	178	7055	0.412	ng		95
26) Fluoranthene	19.72	202	9465	0.410	ng		98
28) Pyrene	20.07	202	10170	0.380	ng		95
30) Benzo(a)anthracene	21.78	228	8517	0.430	ng		99
31) Chrysene	21.84	228	8462	0.422	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	18436	0.669	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	7824	0.429	ng		95
35) Benzo(b)fluoranthene	23.61	252	7994	0.388	ng	#	90
36) Benzo(k)fluoranthene	23.67	252	8150	0.387	ng		93
37) Benzo(a)pyrene	24.31	252	7308	0.387	ng		92
38) Dibenzo(a,h)anthracene	27.26	278	6245	0.393	ng		96
39) Benzo(g,h,i)perylene	28.11	276	6916	0.402	ng	#	92

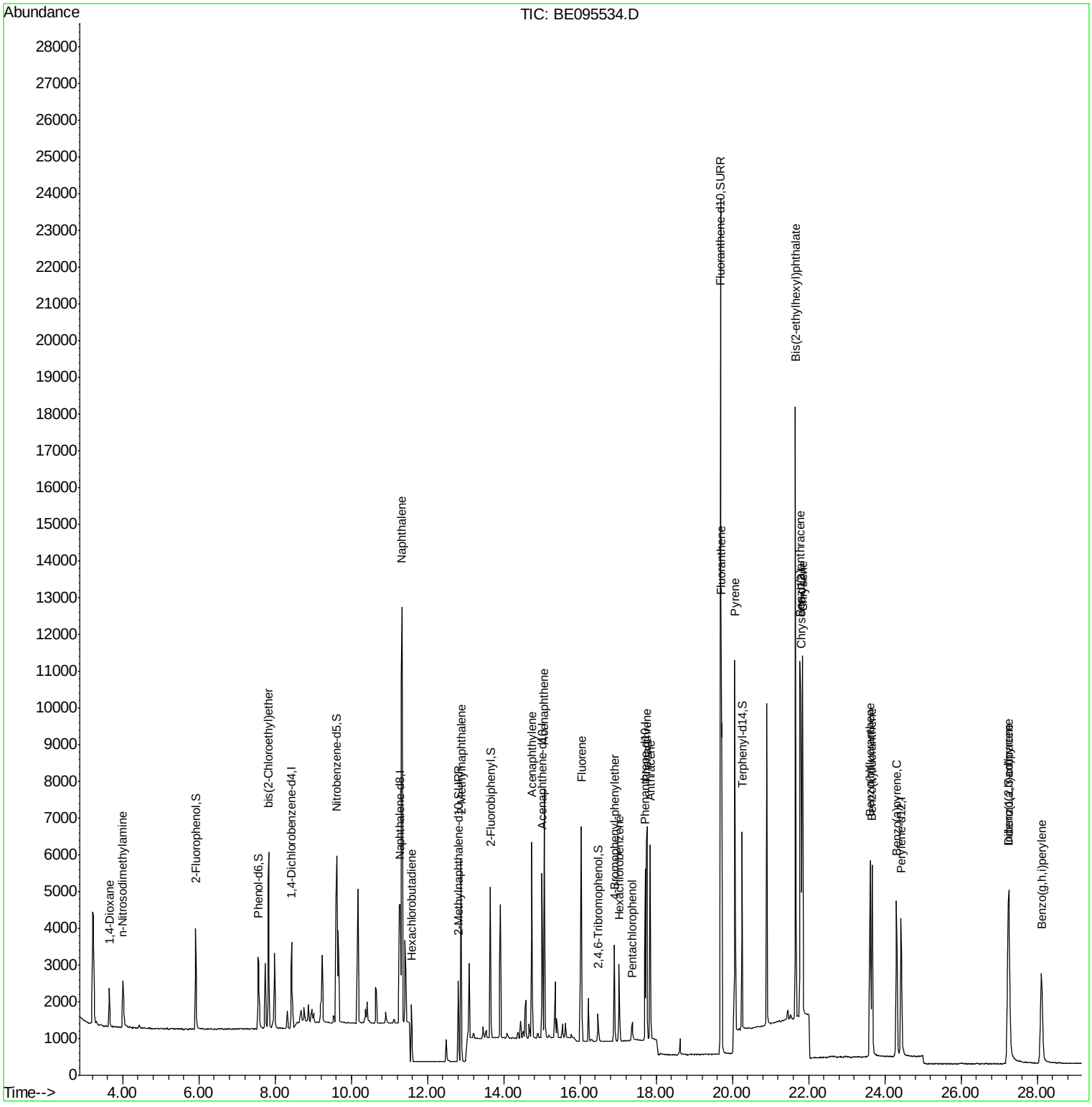
(#) = qualifier out of range (m) = manual integration (+) = signals summed

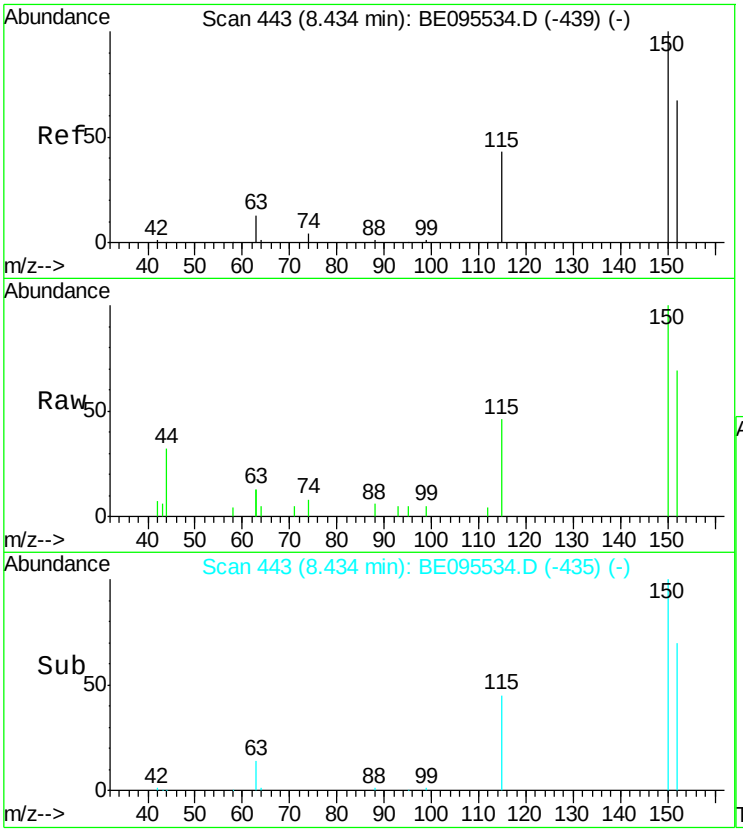
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095534.D
Acq On : 6 Feb 2018 18:03
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Feb 06 20:04:12 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 19:56:54 2018
Response via : Initial Calibration



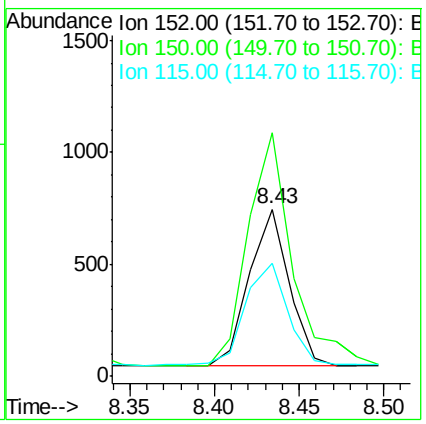


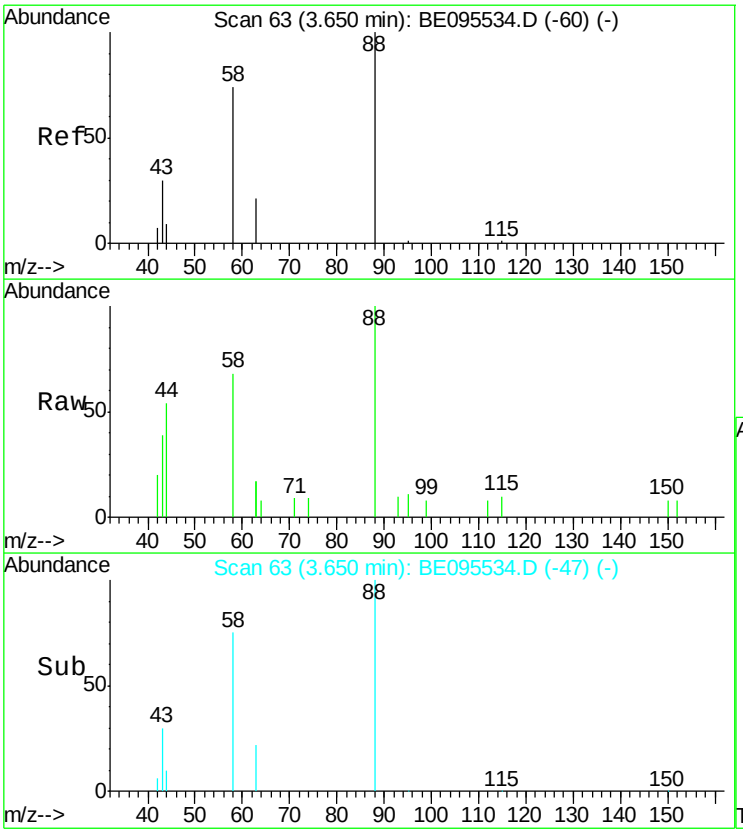
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1144

Ion	Ratio	Lower	Upper
152	100		
150	145.6	117.2	175.8
115	67.6	57.0	85.6

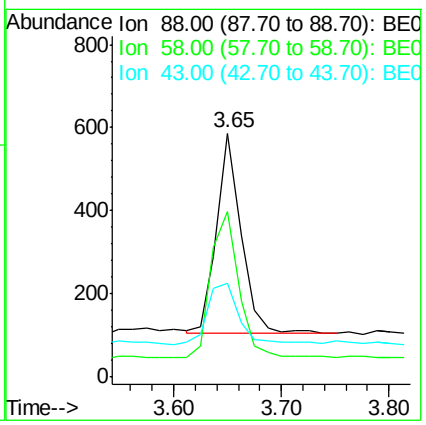


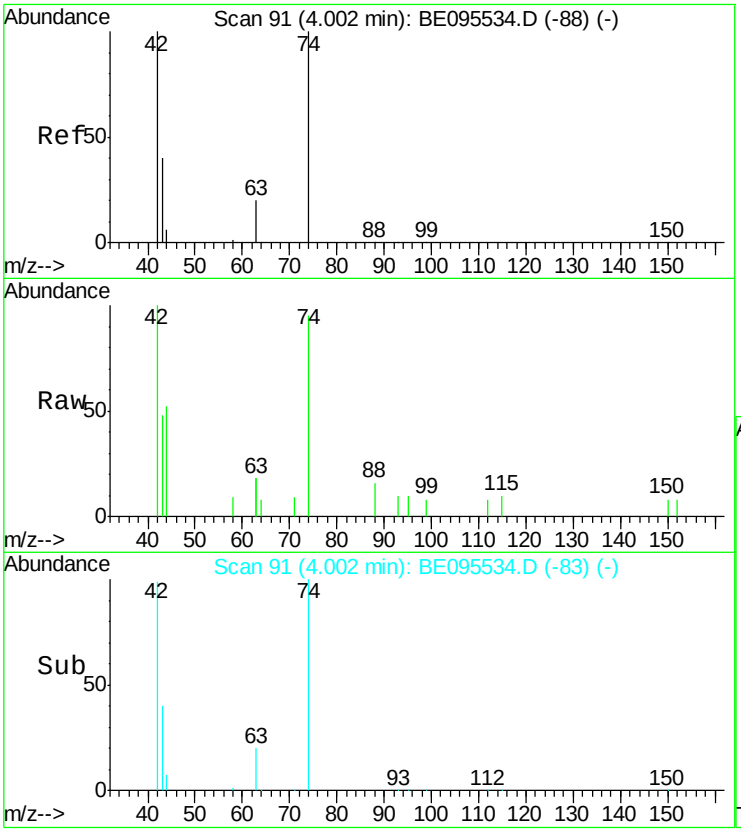


#2
1,4-Dioxane
Concen: 0.675 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion: 88 Resp: 760

Ion	Ratio	Lower	Upper
88	100		
58	81.1	63.2	94.8
43	40.3	41.2	61.8#



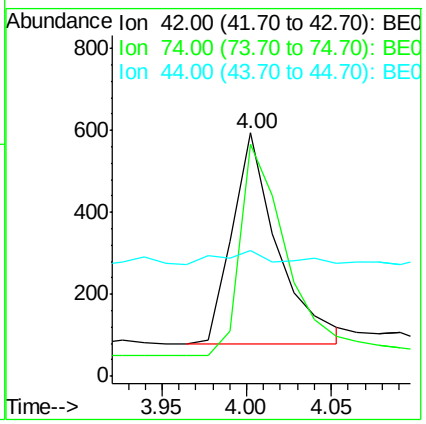


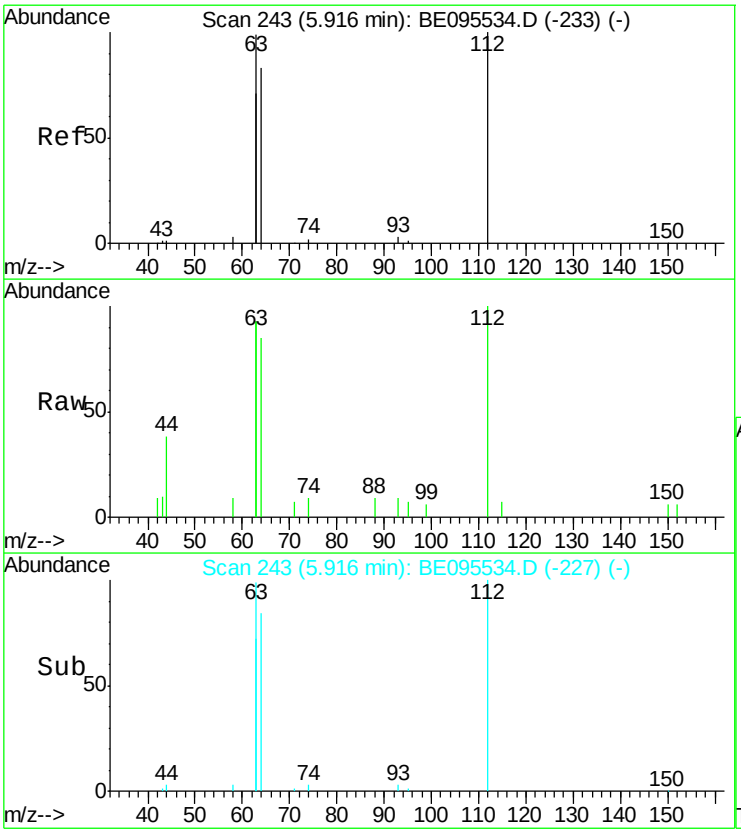
#3
n-Nitrosodimethylamine
Concen: 0.718 ng
RT: 4.00 min Scan# 91
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 964

Ion	Ratio	Lower	Upper
42	100		
74	100.8	96.0	144.0
44	7.6	12.0	18.0#

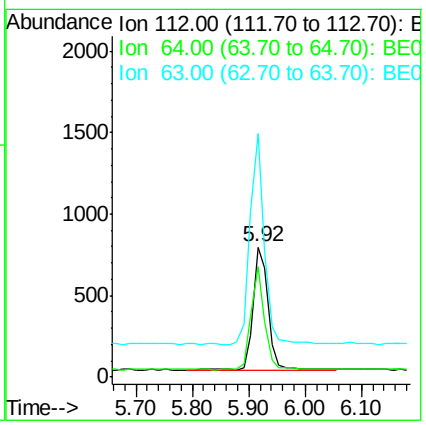


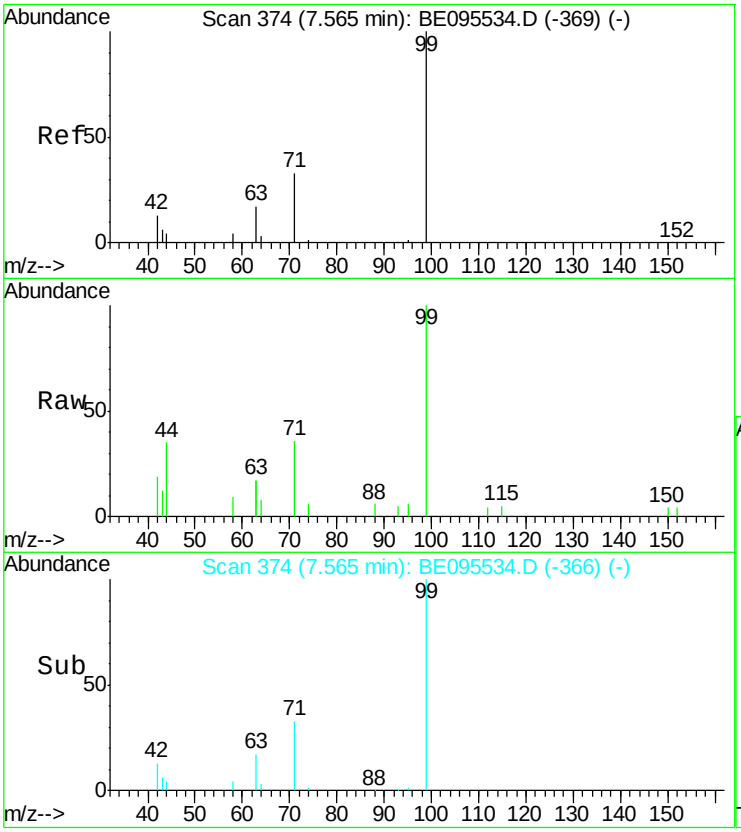


#4
2-Fluorophenol
Concen: 0.757 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:112 Resp: 1402

Ion	Ratio	Lower	Upper
112	100		
64	77.5	60.1	90.1
63	163.6	116.8	175.2



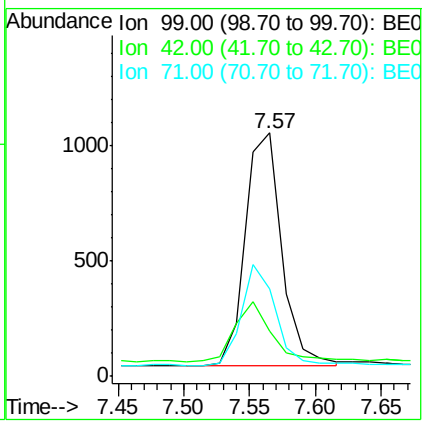


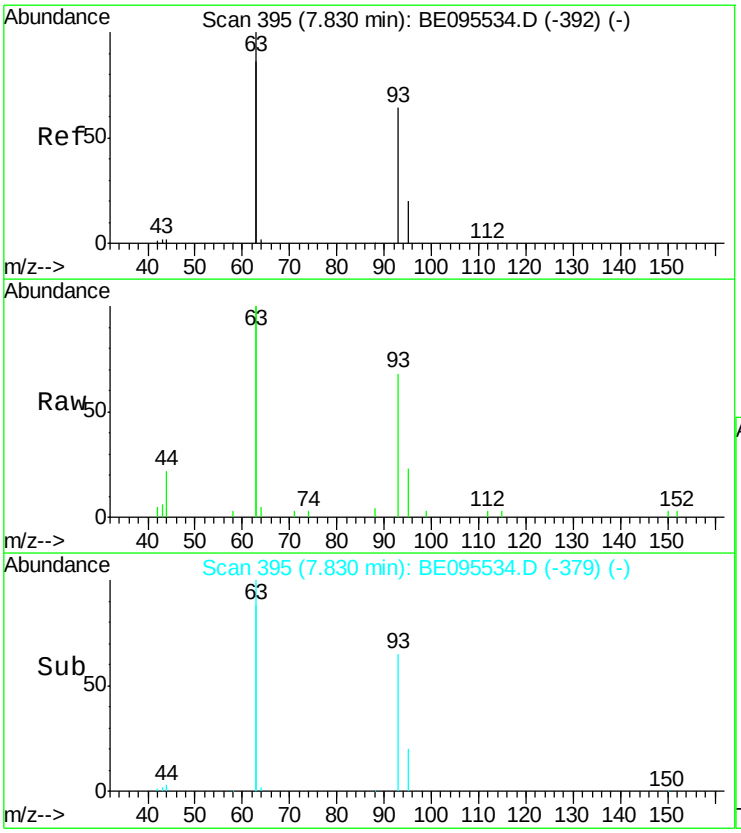
#5
Phenol-d6
Concen: 0.690 ng
RT: 7.57 min Scan# 374
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 1936

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.2	30.2
71	39.5	28.4	42.6

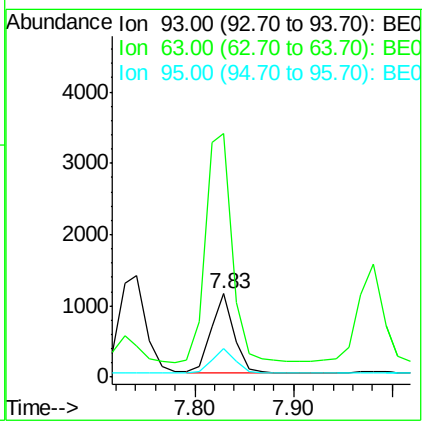


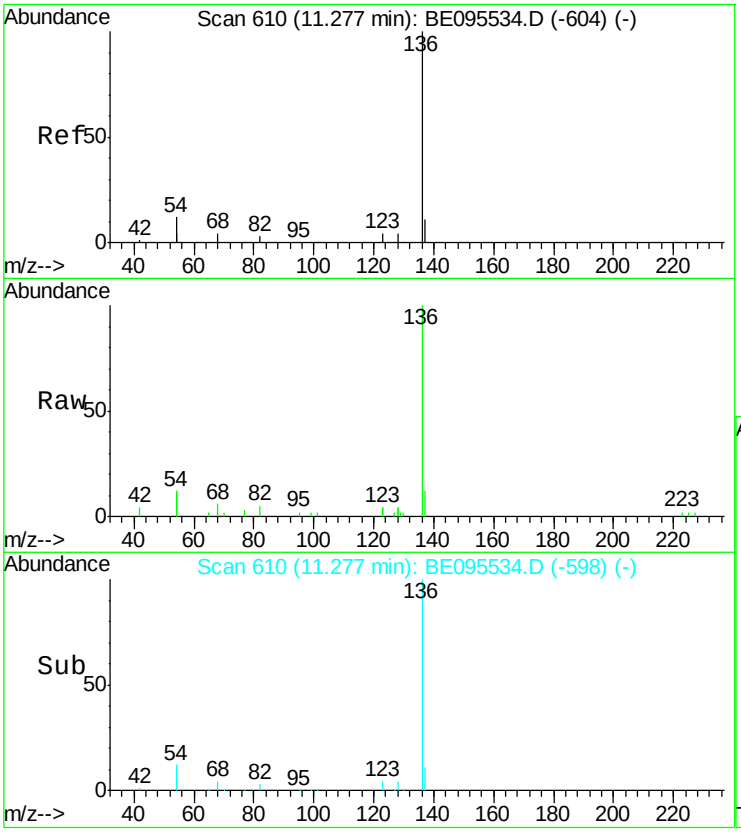


#6
bis(2-Chloroethyl)ether
Concen: 0.691 ng
RT: 7.83 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion: 93 Resp: 1806

Ion	Ratio	Lower	Upper
93	100		
63	332.3	275.3	412.9
95	31.5	25.2	37.8



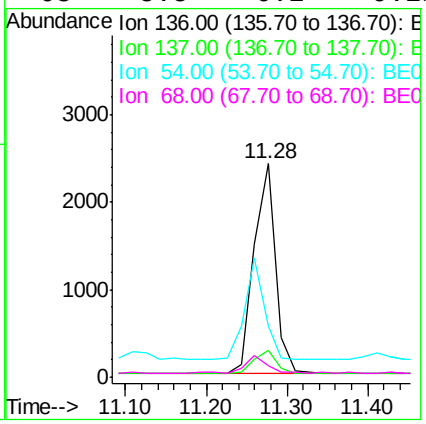


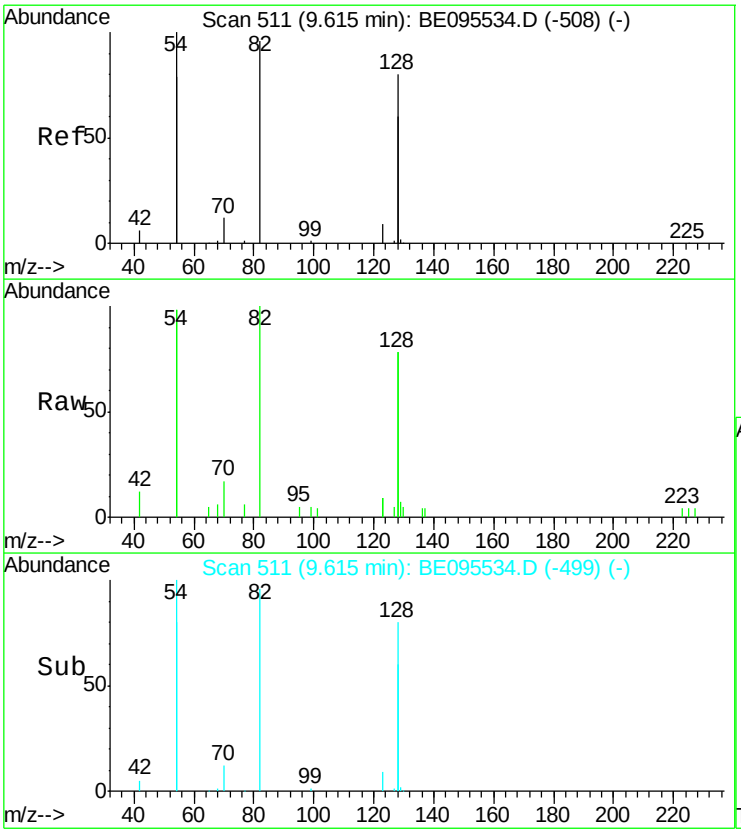
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 4473

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	24.0	29.1	43.7#
68	5.5	6.2	9.2#

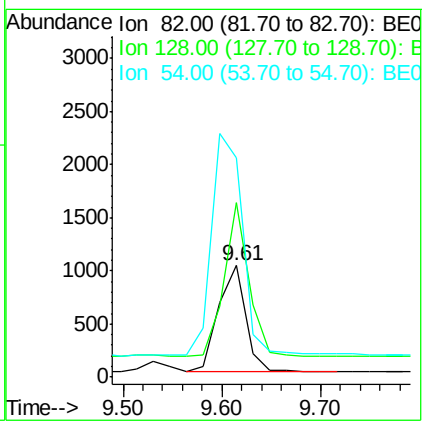


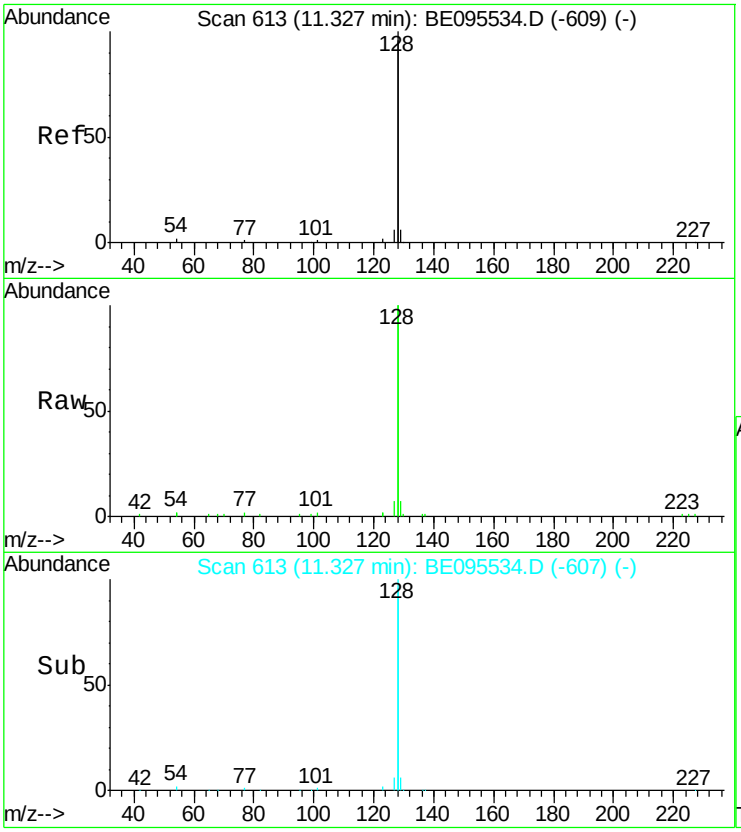


#8
Nitrobenzene-d5
Concen: 0.470 ng
RT: 9.61 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion: 82 Resp: 1915

Ion	Ratio	Lower	Upper
82	100		
128	156.8	150.0	225.0
54	196.9	154.2	231.4



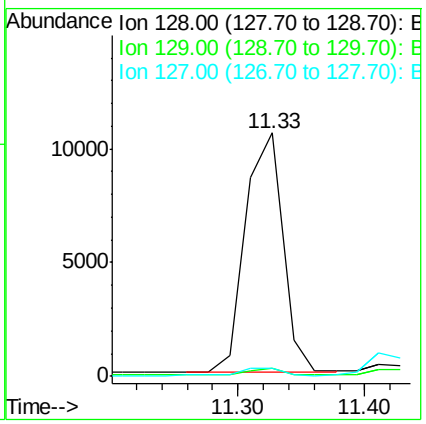


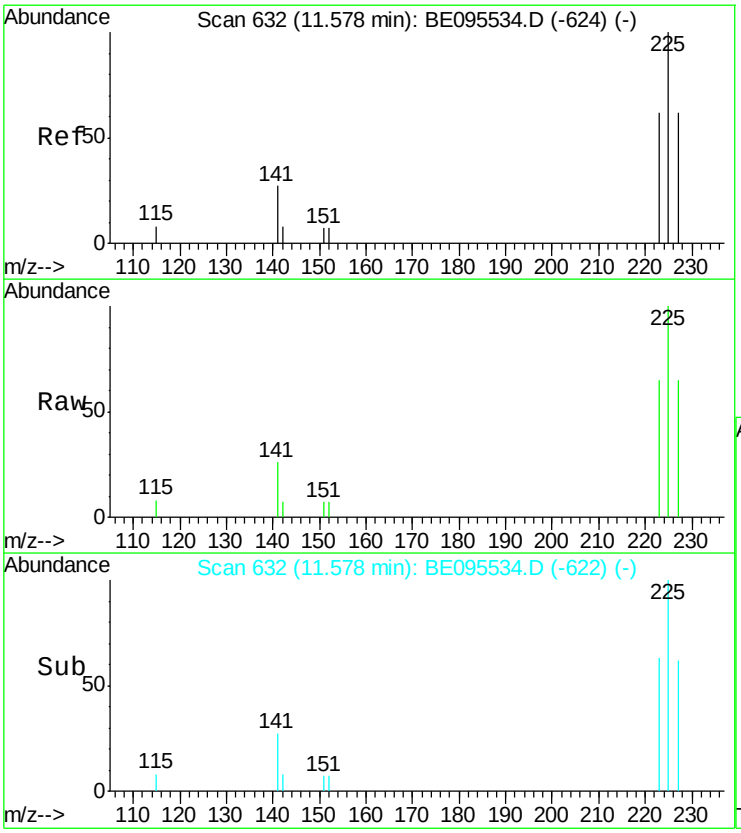
#9
Naphthalene
Concen: 0.418 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 21405

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.4	2.8	4.2

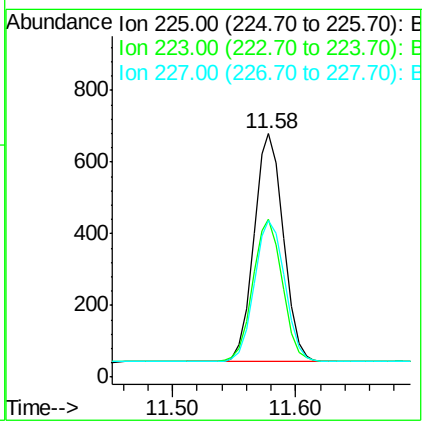


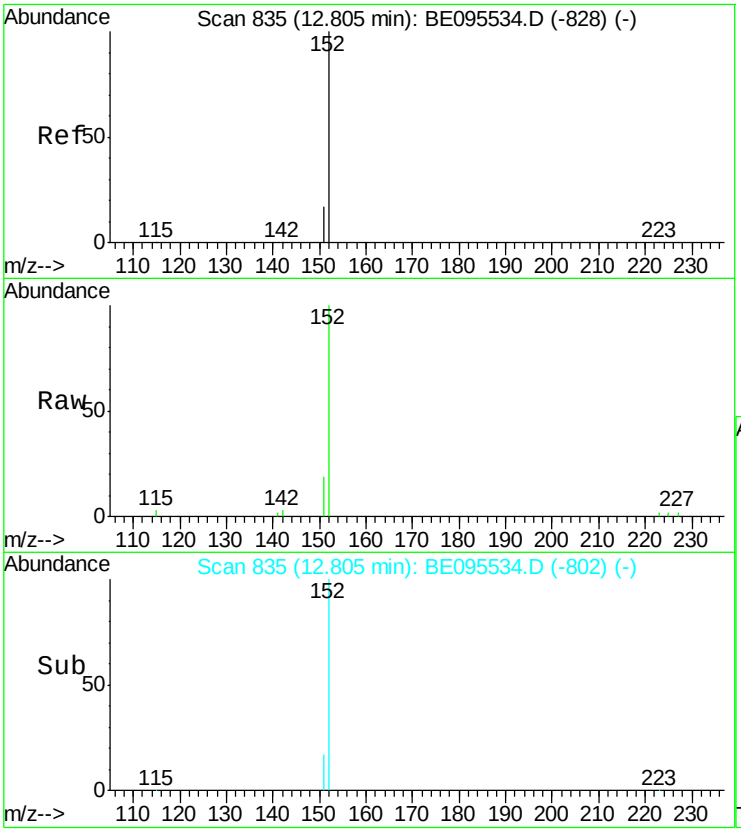


#10
Hexachlorobutadiene
Concen: 0.539 ng
RT: 11.58 min Scan# 632
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:225 Resp: 1238

Ion	Ratio	Lower	Upper
225	100		
223	53.2	53.0	79.6
227	63.9	51.4	77.2



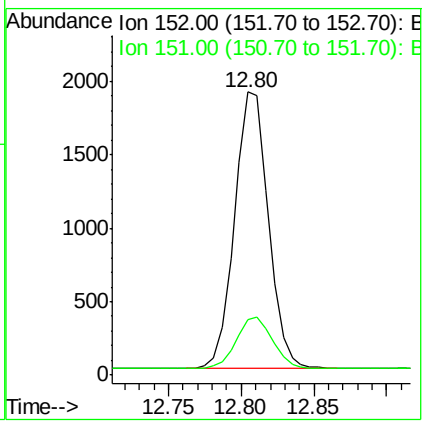


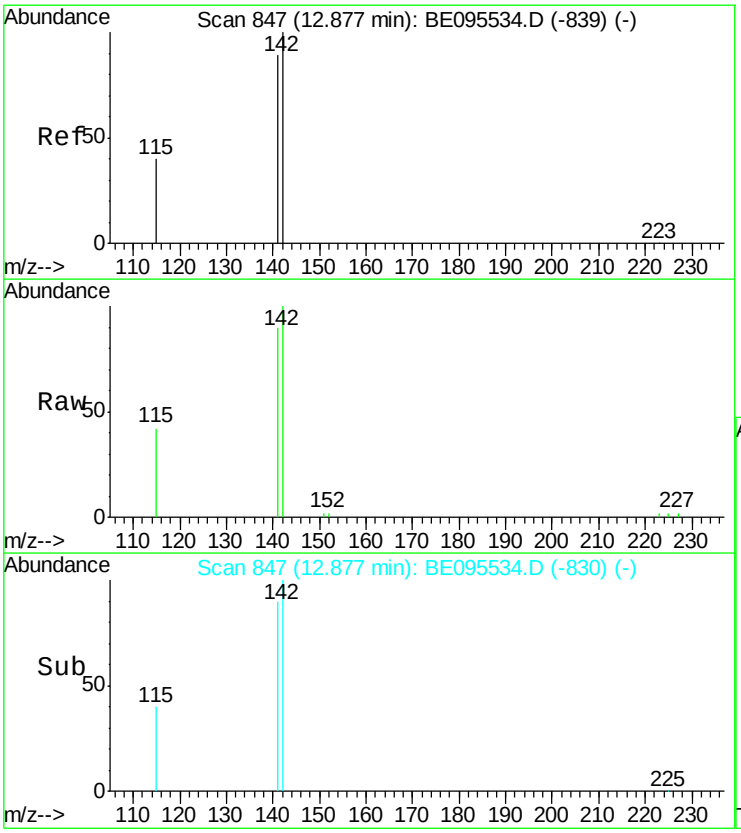
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3033

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0

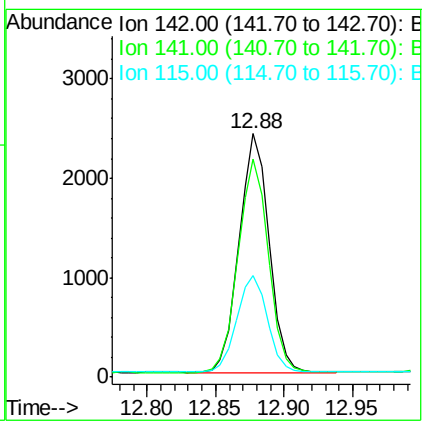


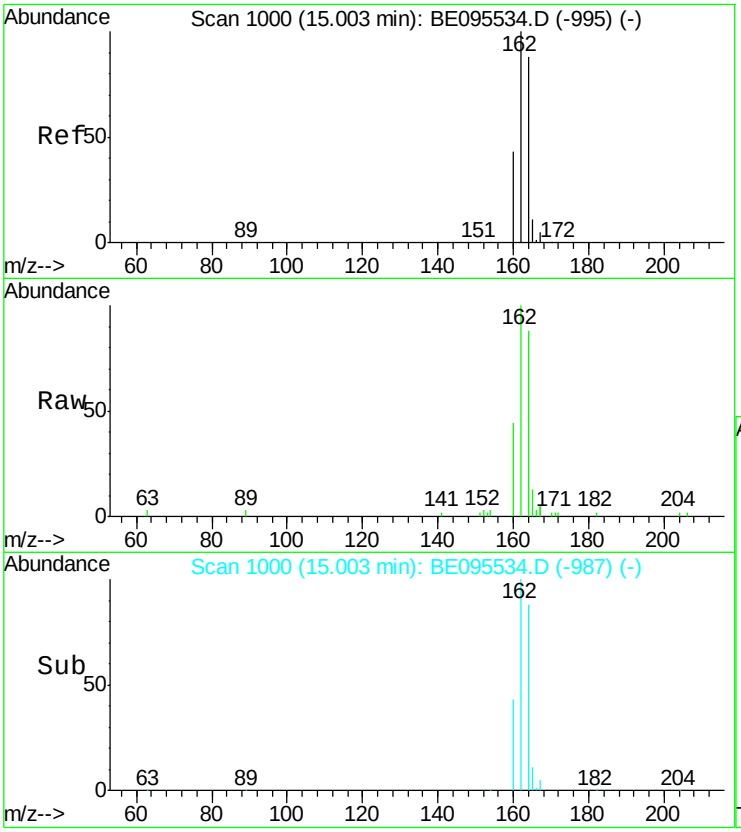


#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 12.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:142 Resp: 3669

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	41.6	31.7	47.5



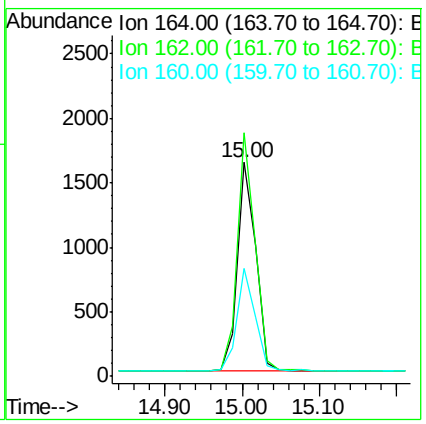


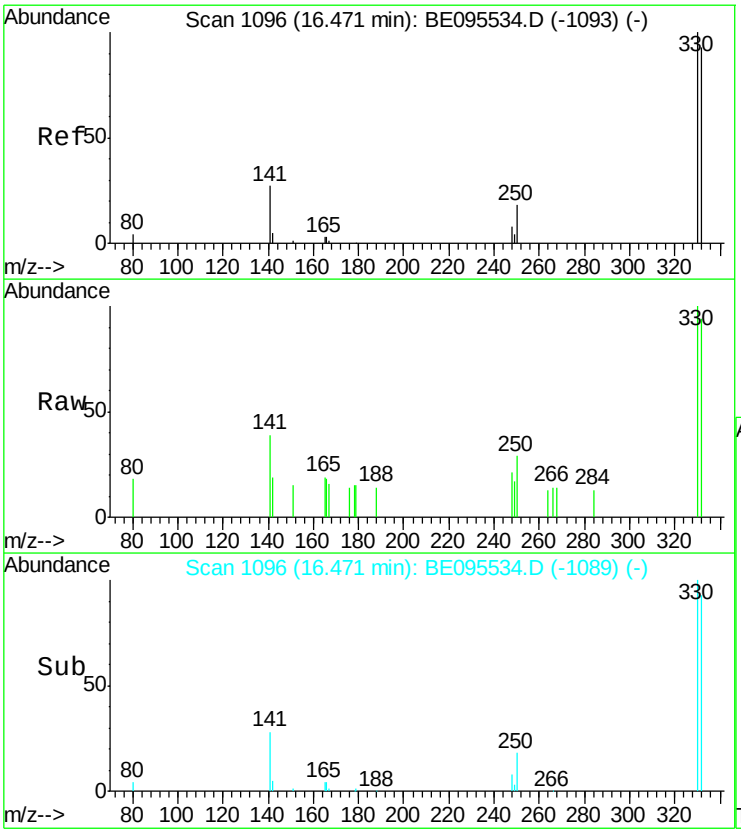
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2622

Ion	Ratio	Lower	Upper
164	100		
162	113.9	83.1	124.7
160	50.6	37.1	55.7

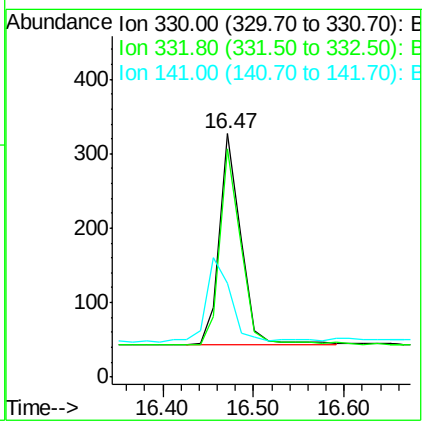


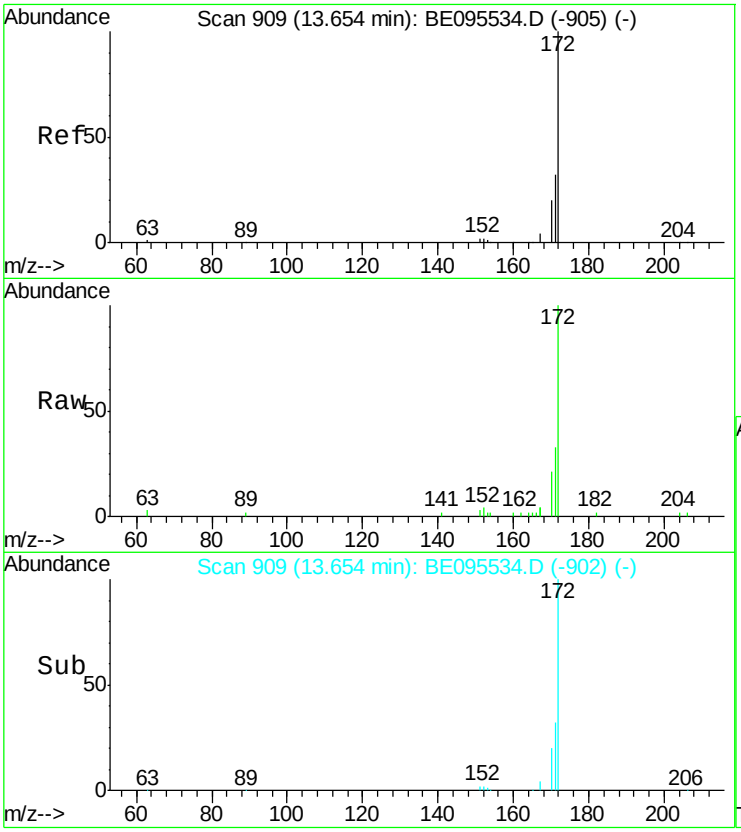


#14
2,4,6-Tribromophenol
Concen: 0.730 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:330 Resp: 464

Ion	Ratio	Lower	Upper
330	100		
332	91.4	152.7	229.1#
141	47.6	33.7	50.5



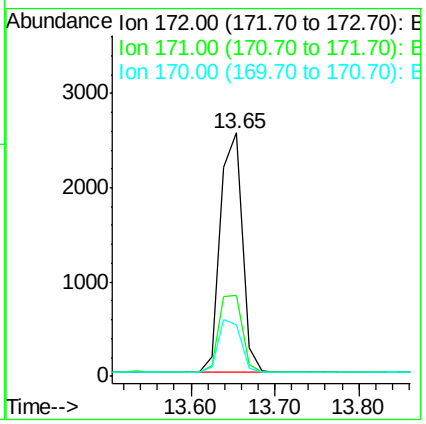


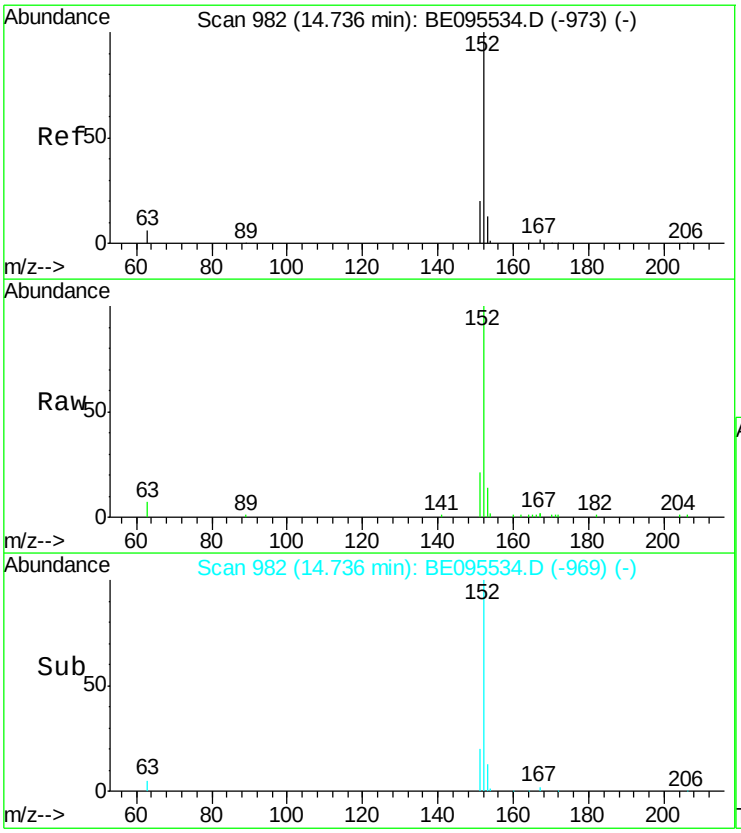
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.65 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 4594

Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.9	44.9
170	21.1	21.8	32.8#

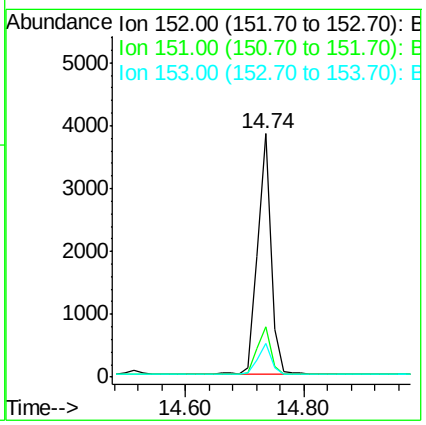


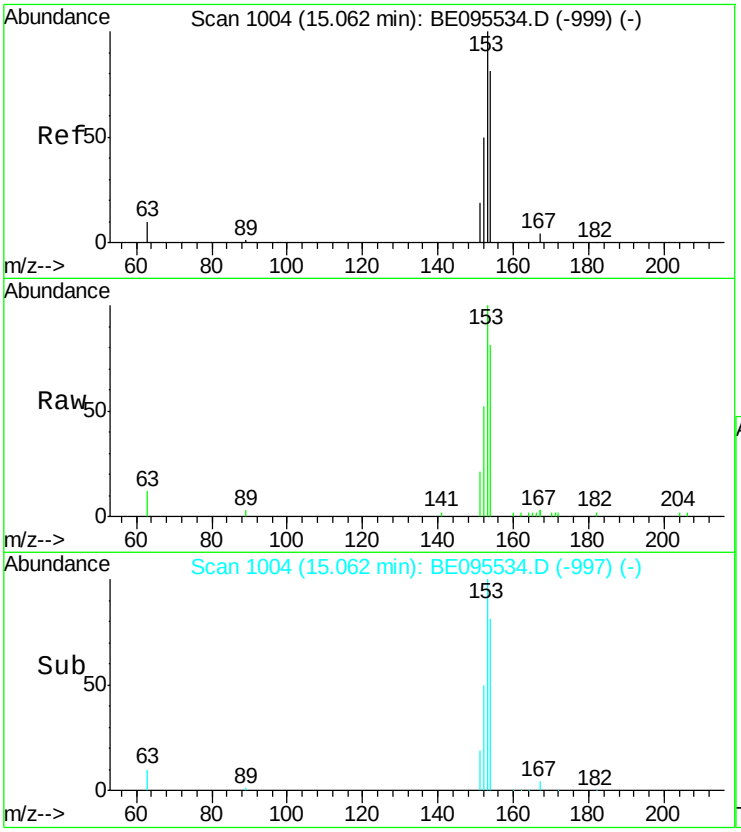


#16
Acenaphthylene
Concen: 0.425 ng
RT: 14.74 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:152 Resp: 5964

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.1	10.5	15.7



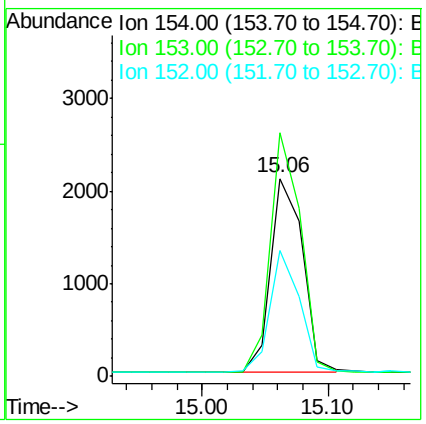


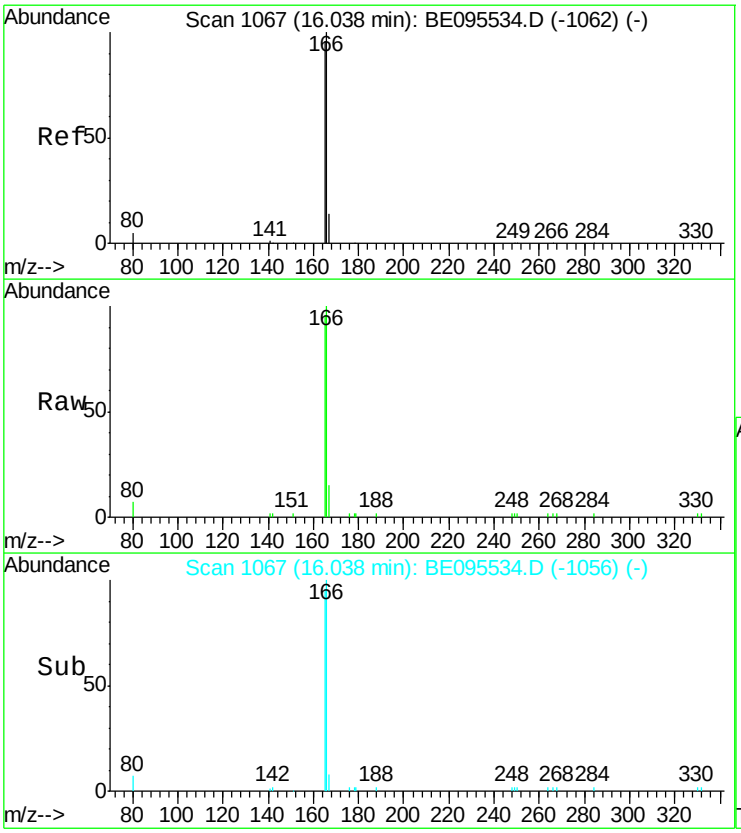
#17
Acenaphthene
Concen: 0.407 ng
RT: 15.06 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 3712

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.2	133.8
152	57.7	42.0	63.0

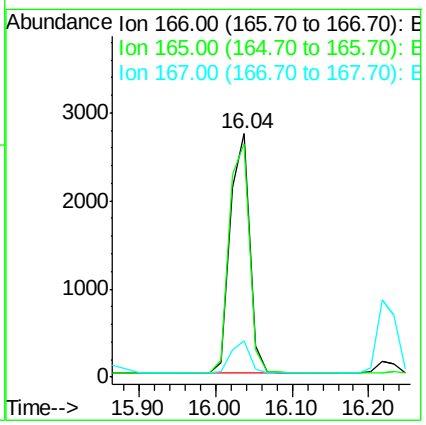


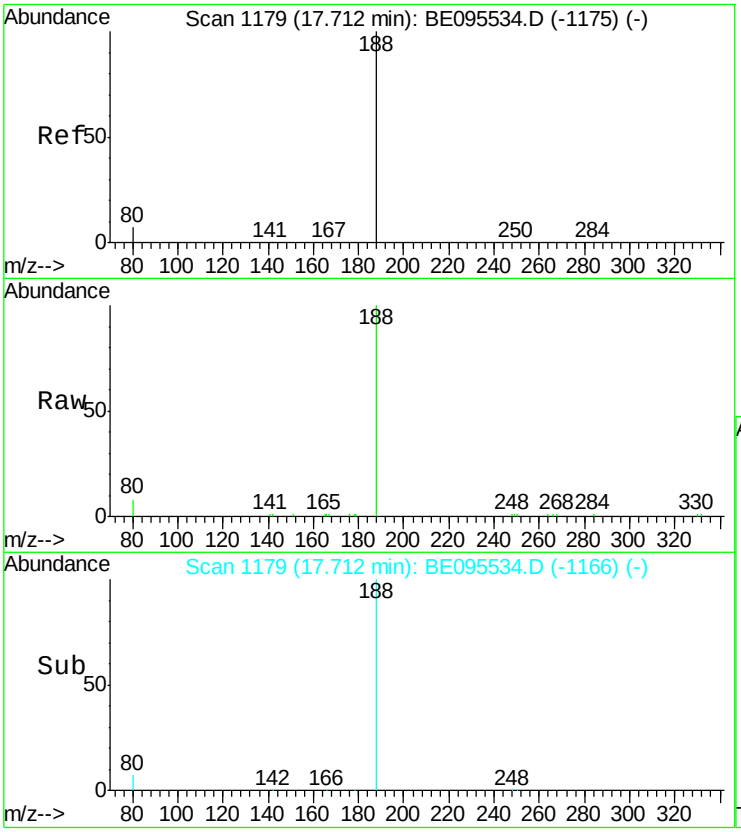


#18
Fluorene
Concen: 0.415 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:166 Resp: 4737

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.6
167	13.5	42.4	63.6#



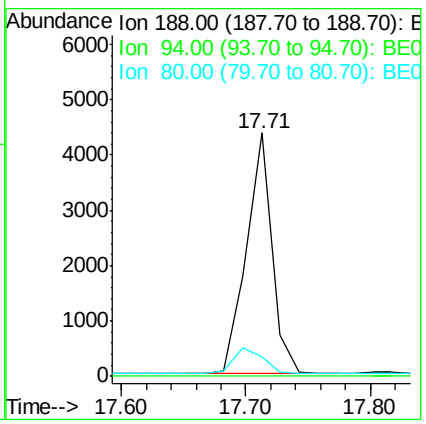


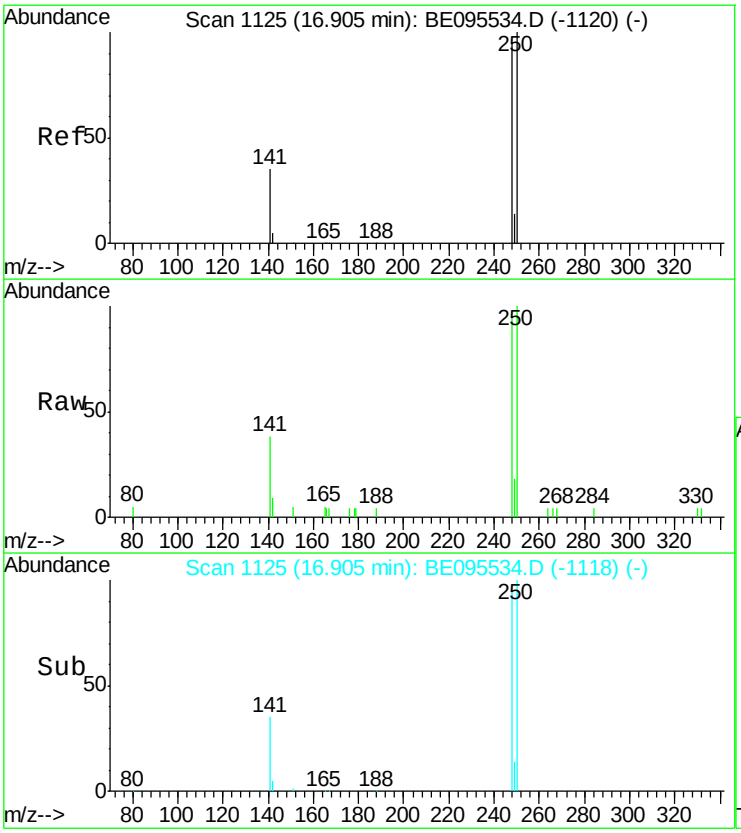
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 6216

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.8	3.6	5.4#

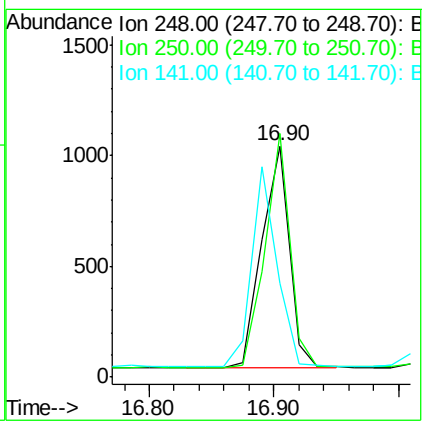


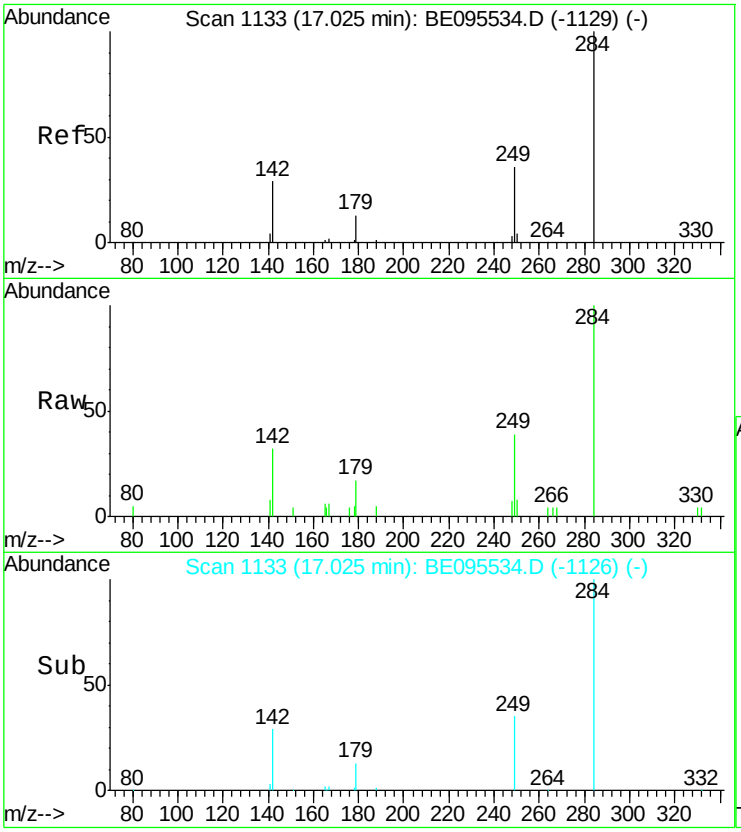


#20
4-Bromophenyl-phenylether
Concen: 0.421 ng
RT: 16.90 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:248 Resp: 1539

Ion	Ratio	Lower	Upper
248	100		
250	105.3	62.7	94.1#
141	40.3	48.2	72.2#



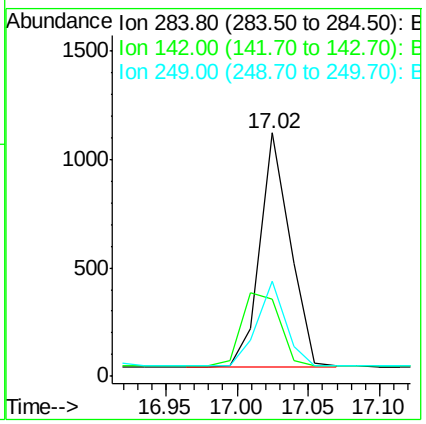


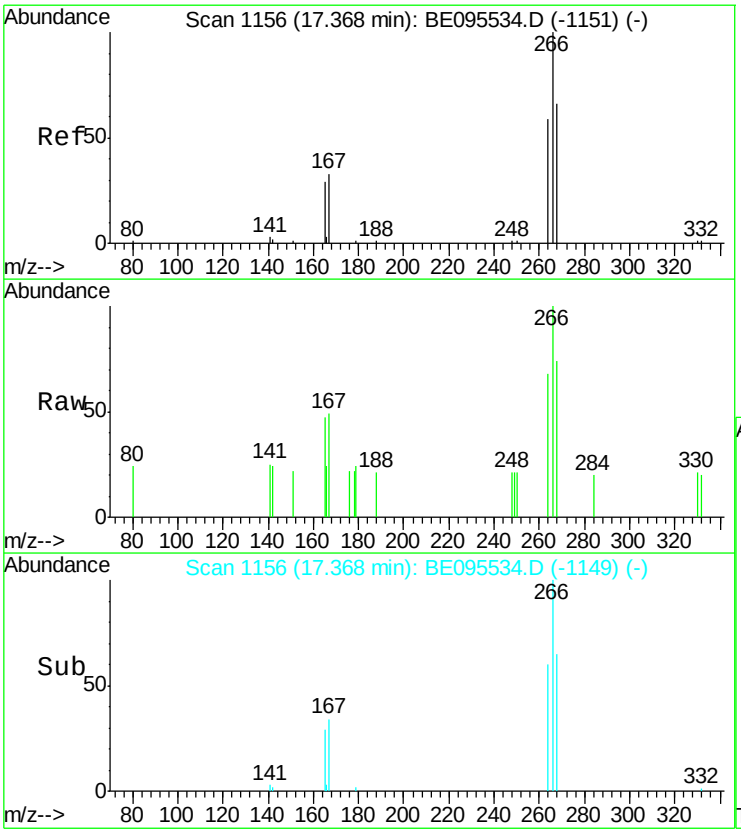
#21
Hexachlorobenzene
Concen: 0.427 ng
RT: 17.02 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 1568

Ion	Ratio	Lower	Upper
284	100		
142	40.4	22.1	33.1#
249	34.4	34.8	52.2#

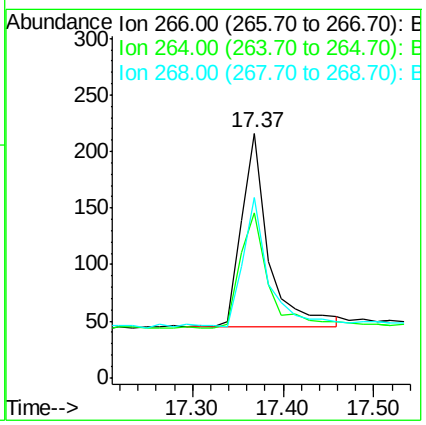


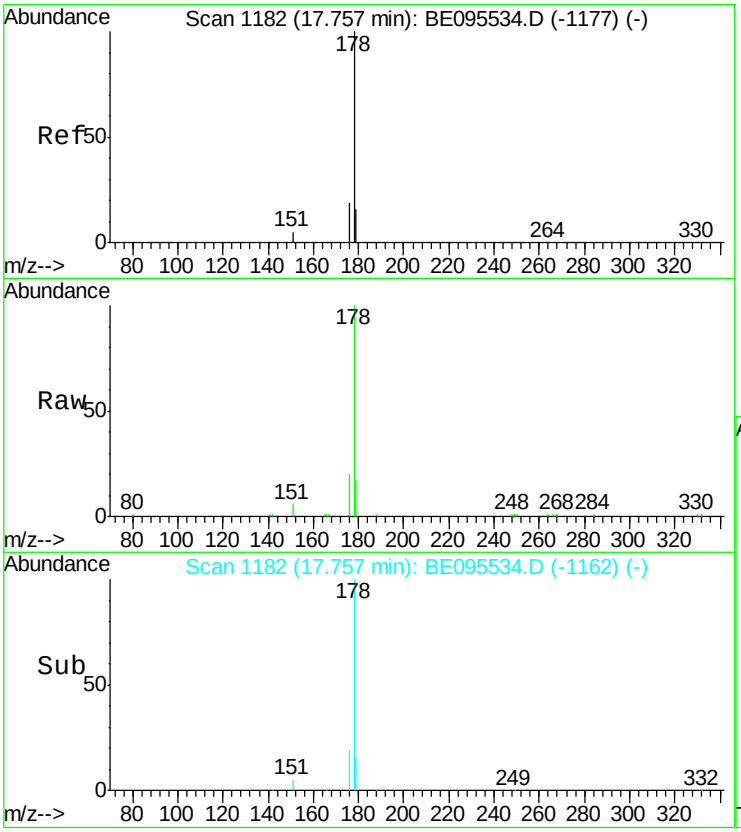


#22
Pentachlorophenol
Concen: 0.420 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:266 Resp: 357

Ion	Ratio	Lower	Upper
266	100		
264	67.6	72.5	108.7#
268	73.6	73.8	110.6#



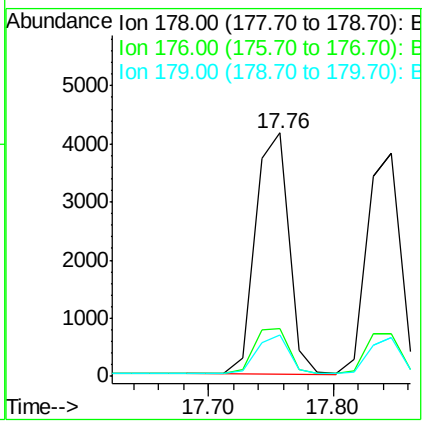


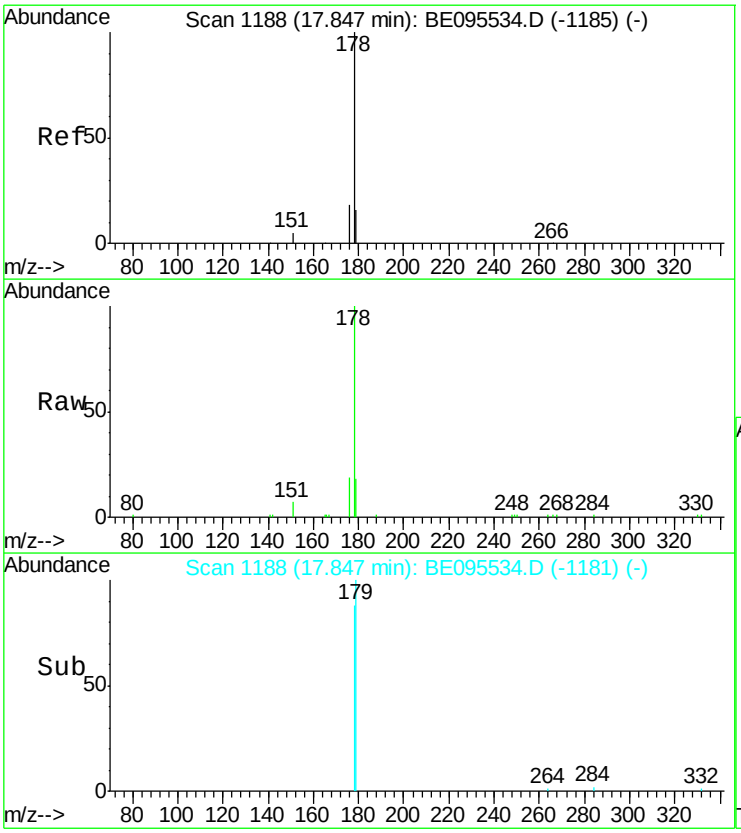
#23
Phenanthrene
Concen: 0.403 ng
RT: 17.76 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 7733

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.7	11.8	17.6

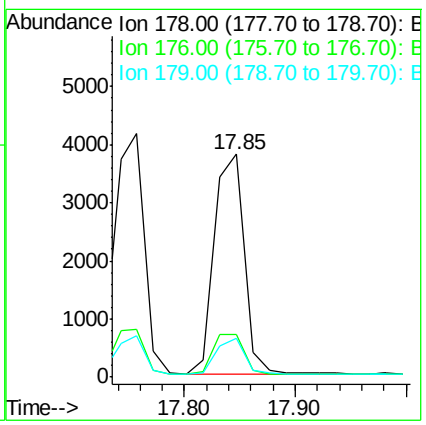


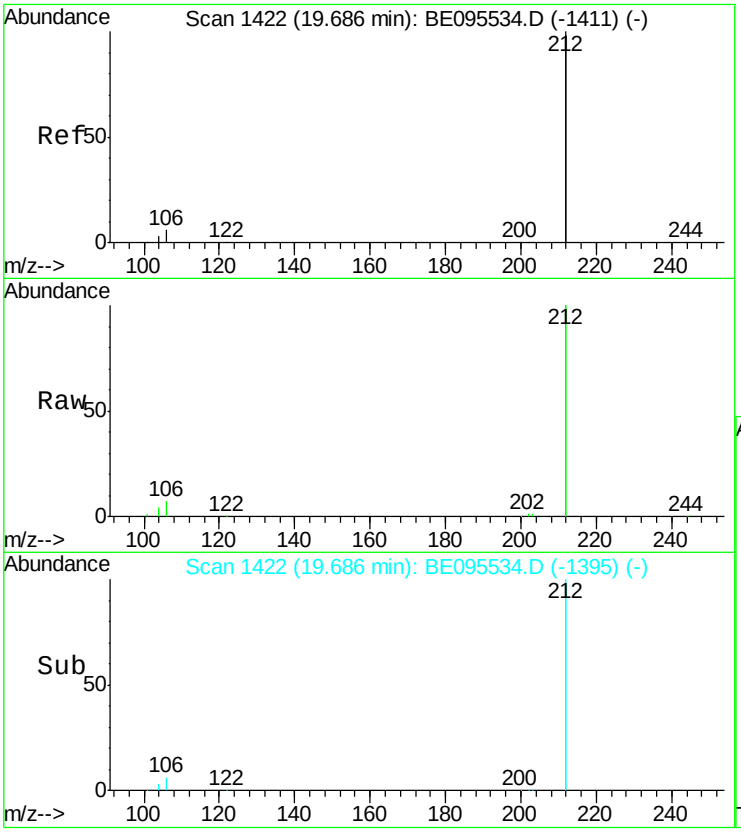


#24
Anthracene
Concen: 0.412 ng
RT: 17.85 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:178 Resp: 7055

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.2	13.0	19.6



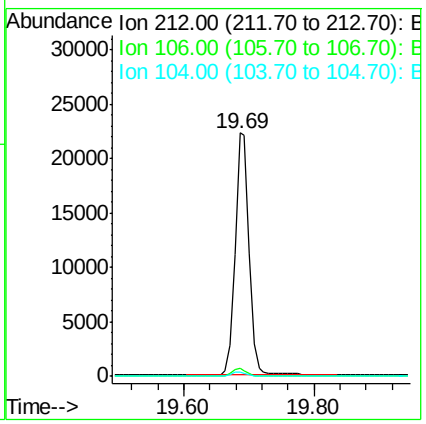


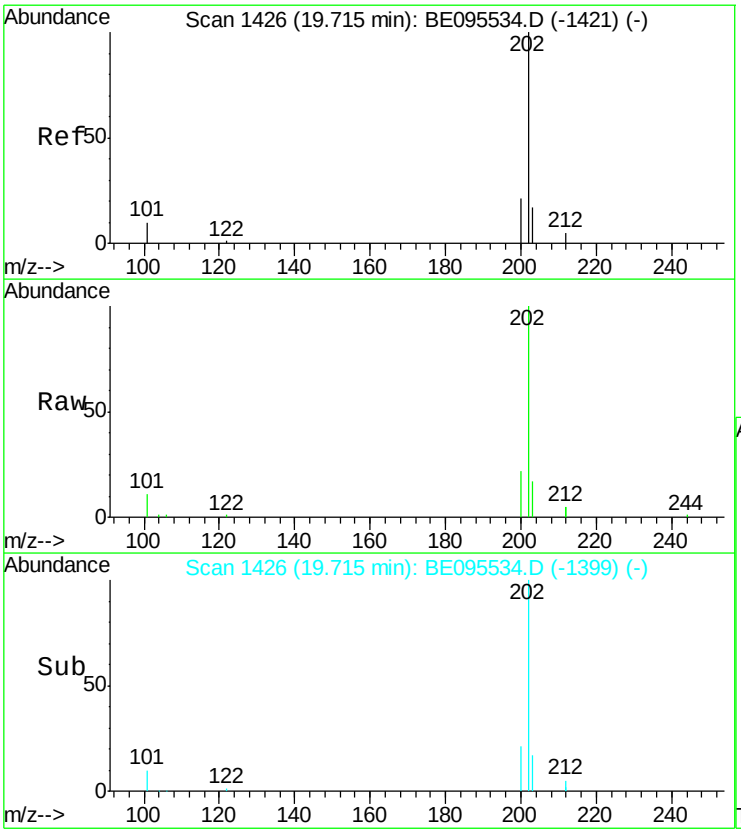
#25
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 32629

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

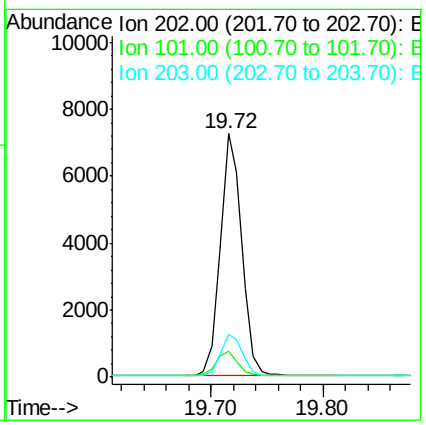


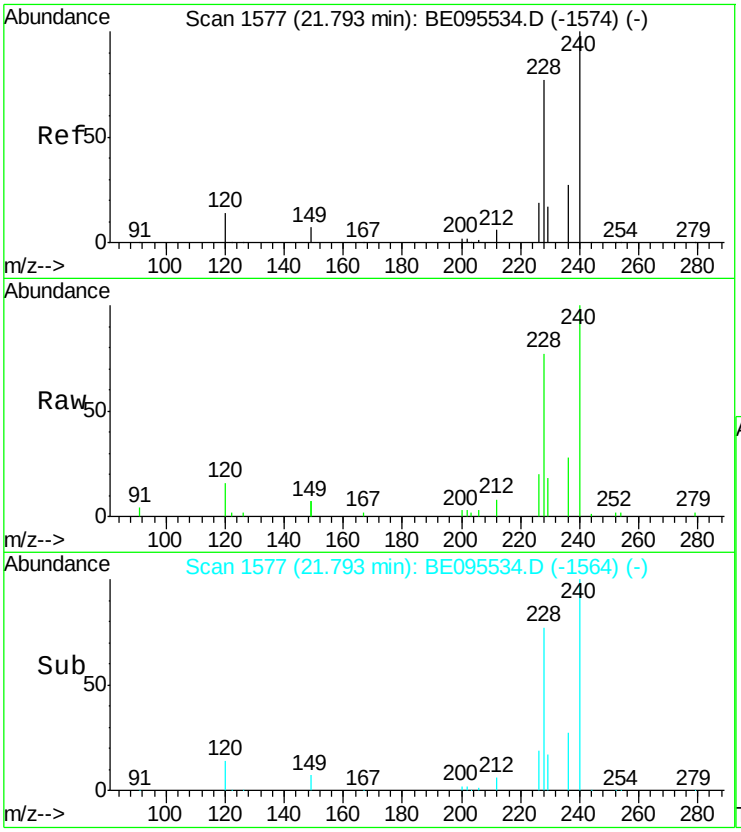


#26
Fluoranthene
Concen: 0.410 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:202 Resp: 9465

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.8
203	17.1	13.7	20.5



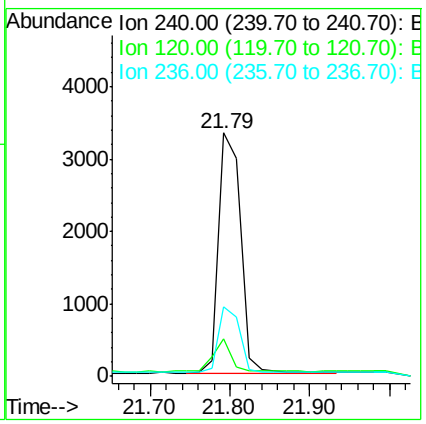


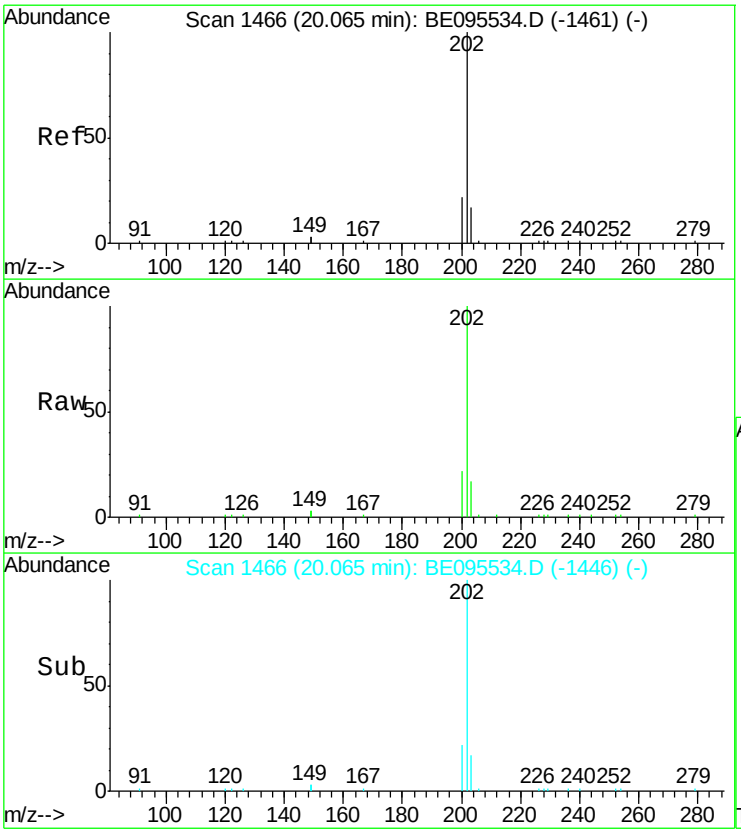
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 6335

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.5	8.3#
236	28.4	20.7	31.1

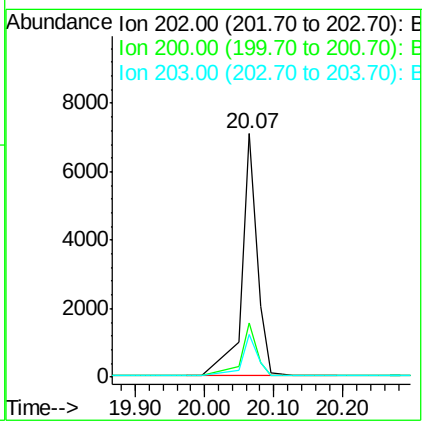


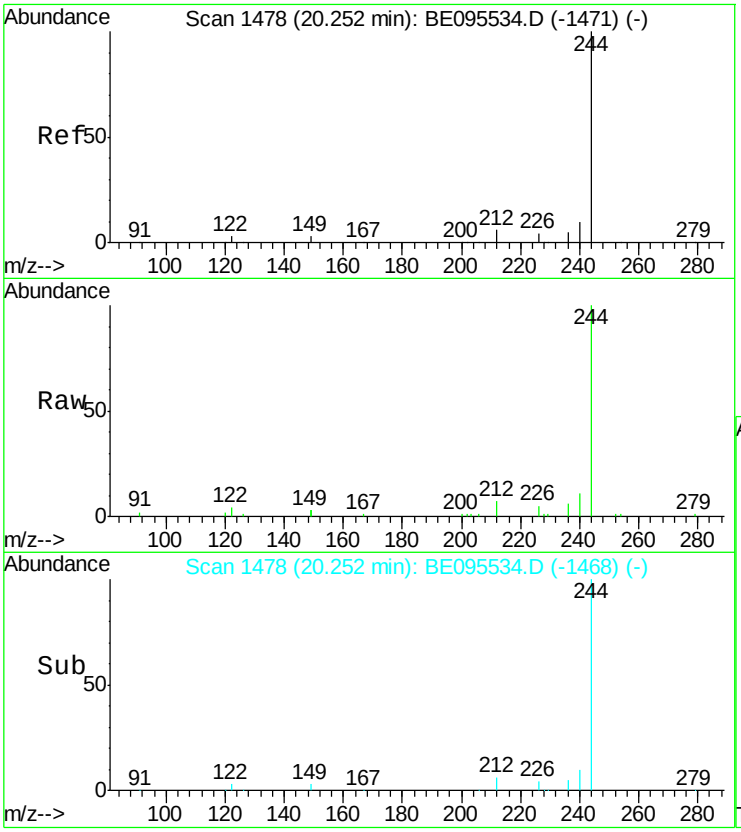


#28
Pyrene
Concen: 0.380 ng
RT: 20.07 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:202 Resp: 10170

Ion	Ratio	Lower	Upper
202	100		
200	24.5	16.6	25.0
203	18.2	13.8	20.8



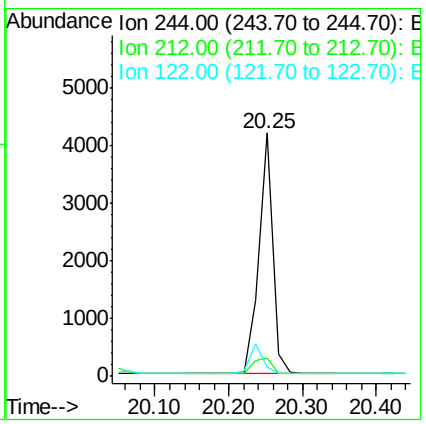


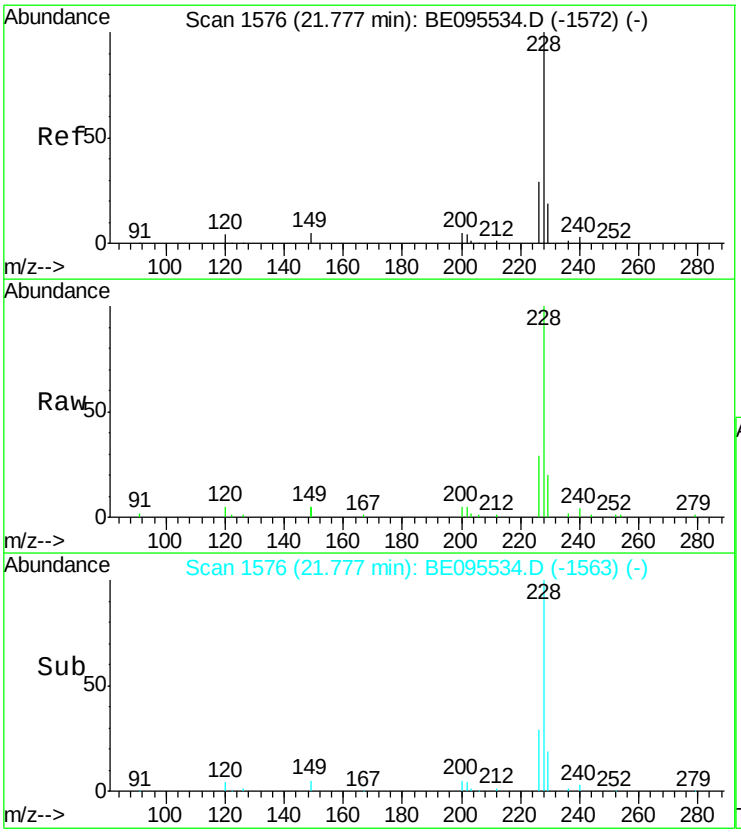
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 20.25 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 5521

Ion	Ratio	Lower	Upper
244	100		
212	7.4	25.4	38.0#
122	3.9	8.1	12.1#

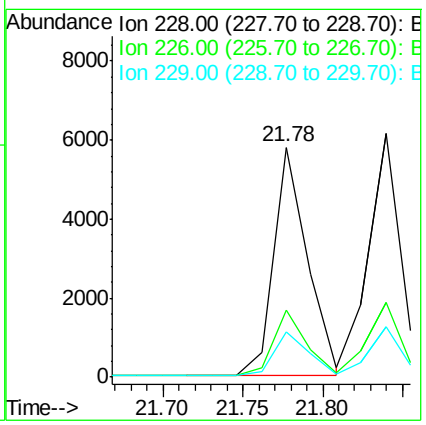


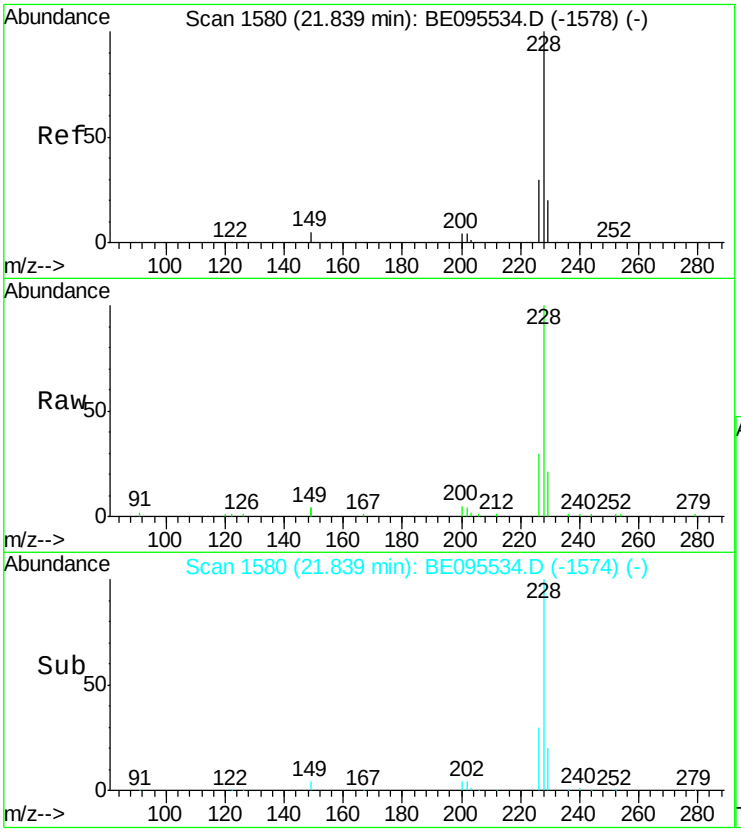


#30
Benzo(a)anthracene
Concen: 0.430 ng
RT: 21.78 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:228 Resp: 8517

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	19.9	16.0	24.0



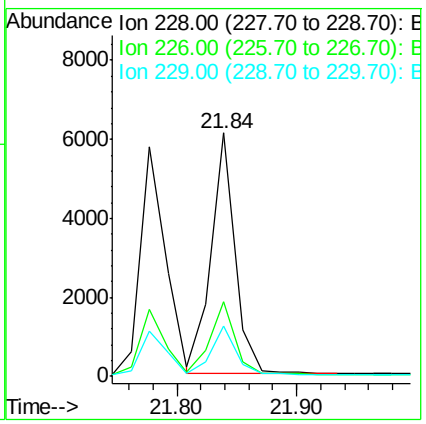


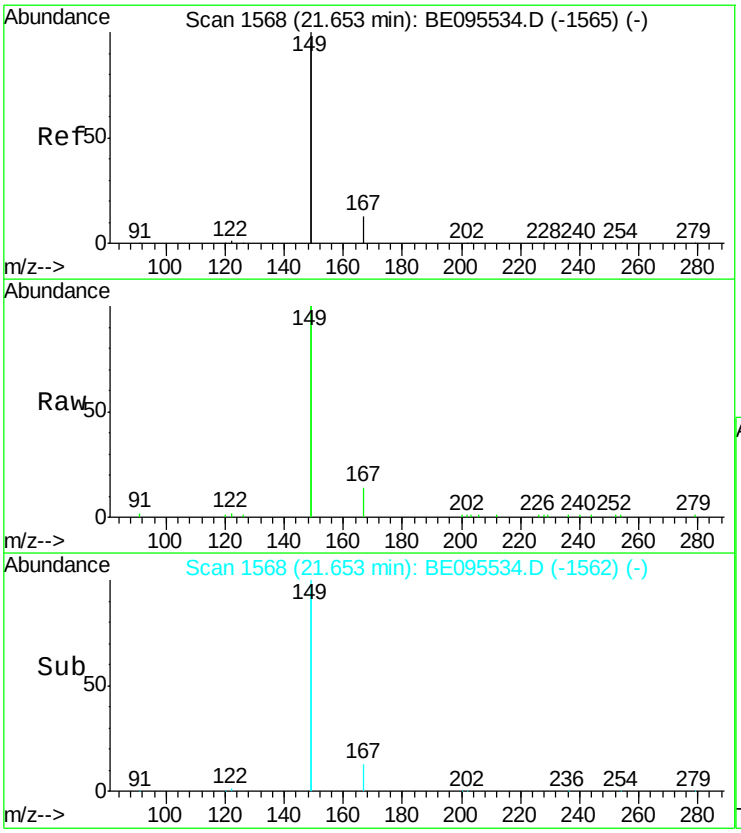
#31
Chrysene
Concen: 0.422 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 8462

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	20.7	16.0	24.0

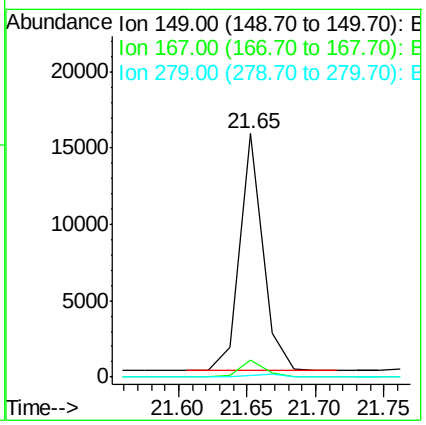


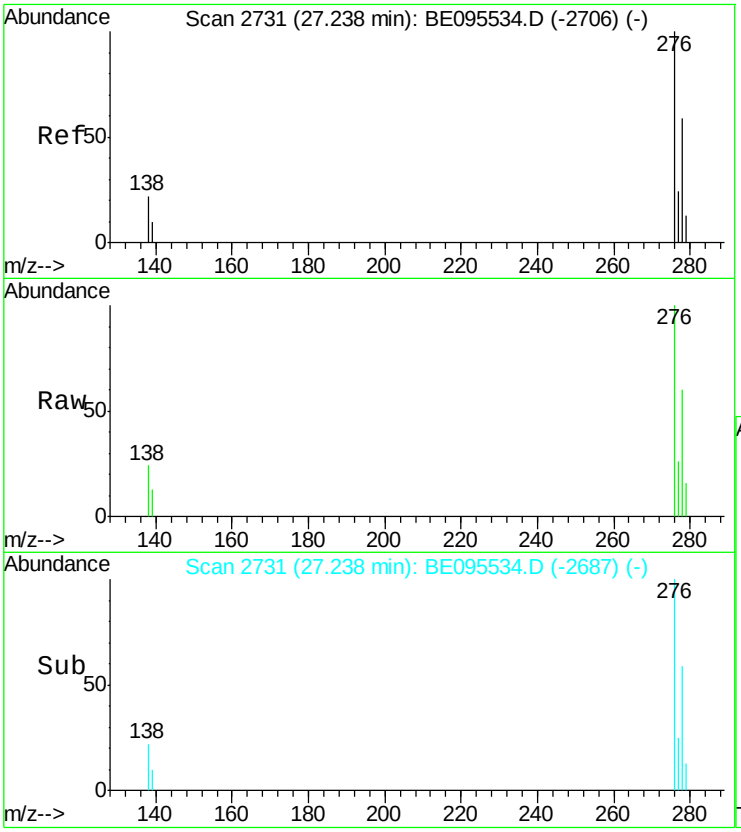


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.669 ng
RT: 21.65 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:149 Resp: 18436

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



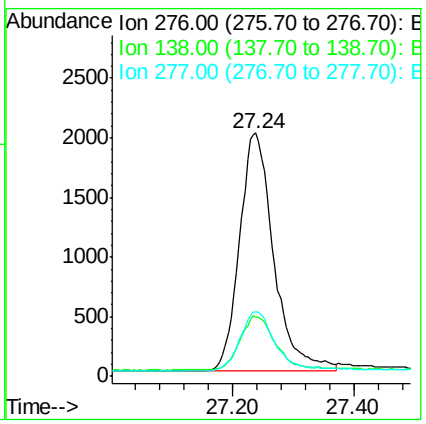


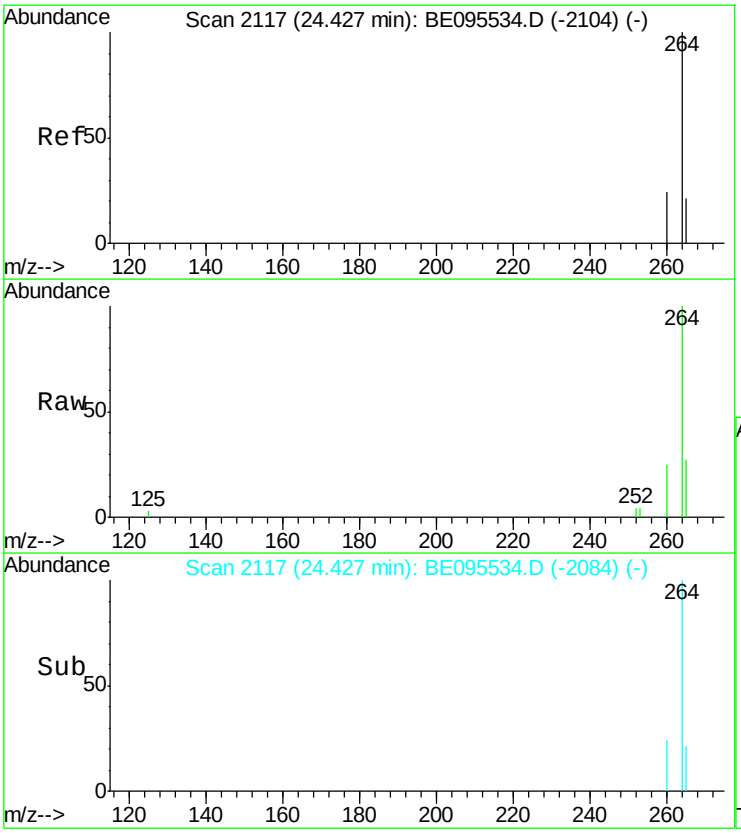
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng
RT: 27.24 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 7824

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.5	33.7
277	24.6	19.9	29.9

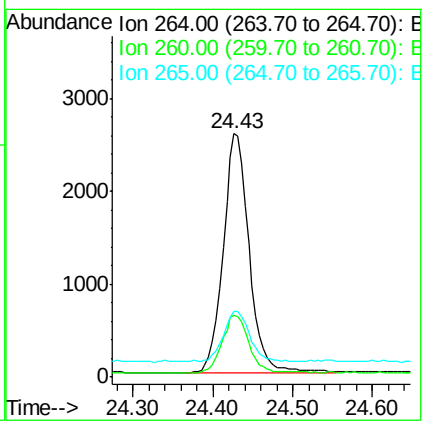


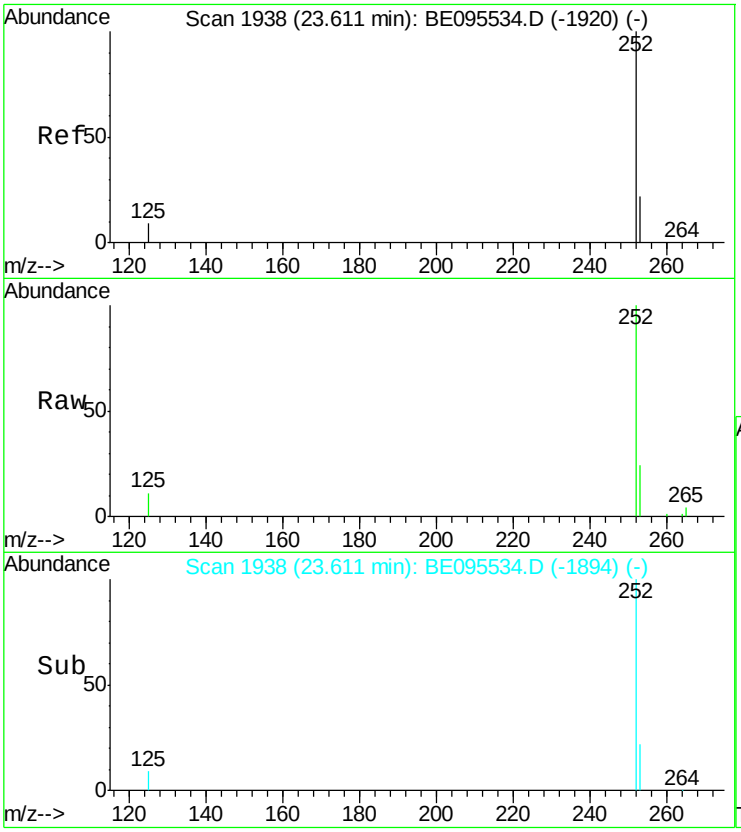


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:264 Resp: 5803

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	26.8	22.8	34.2



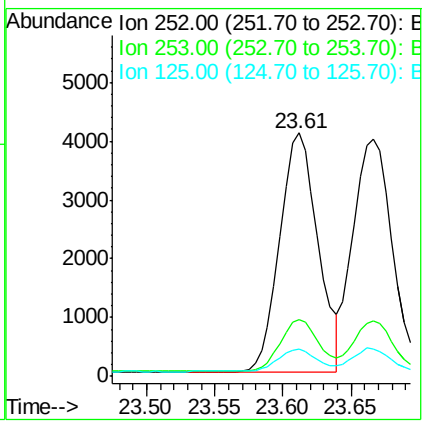


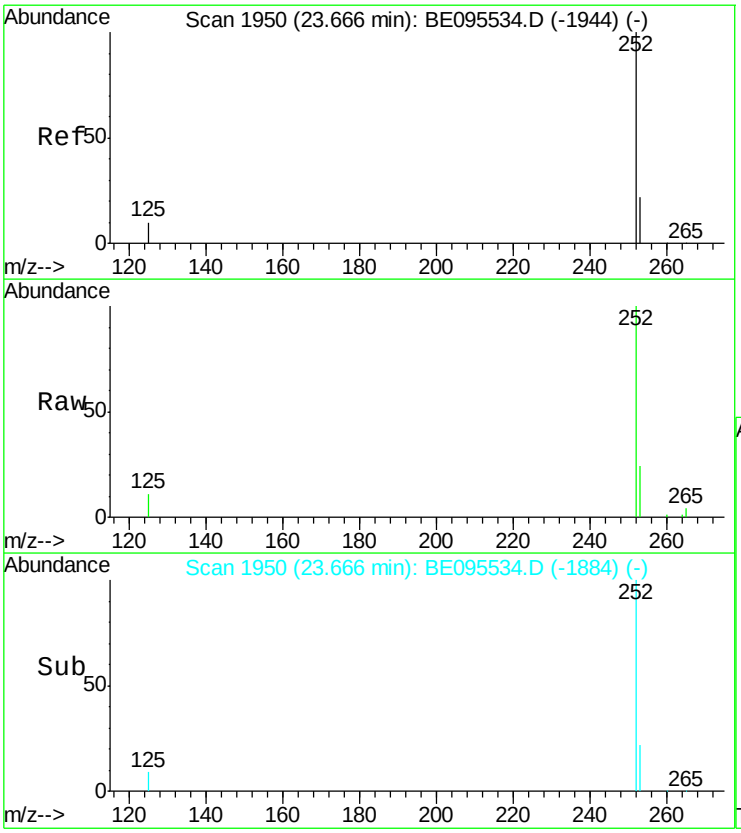
#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.61 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7994

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	11.3	16.0	24.0#

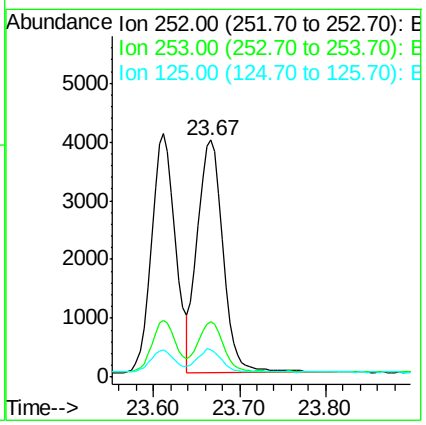


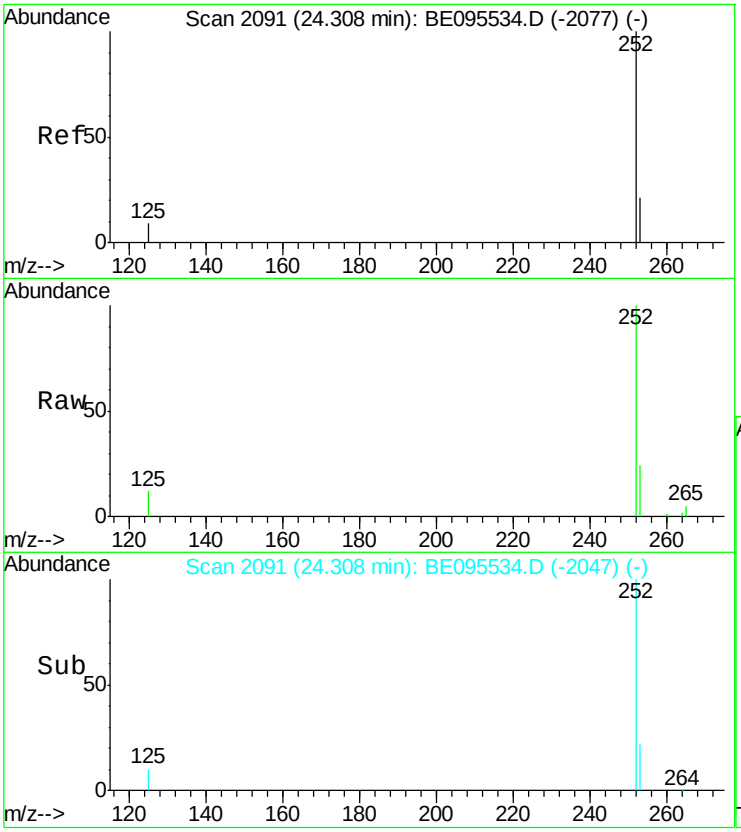


#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.67 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:252 Resp: 8150

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	11.4	8.0	12.0



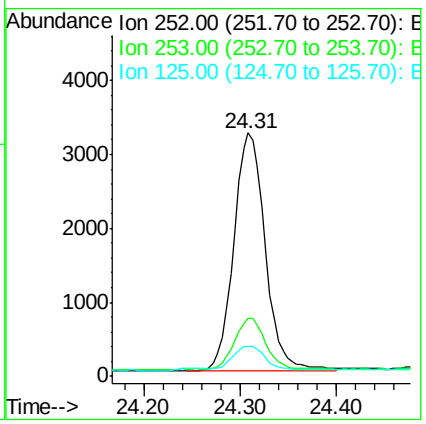


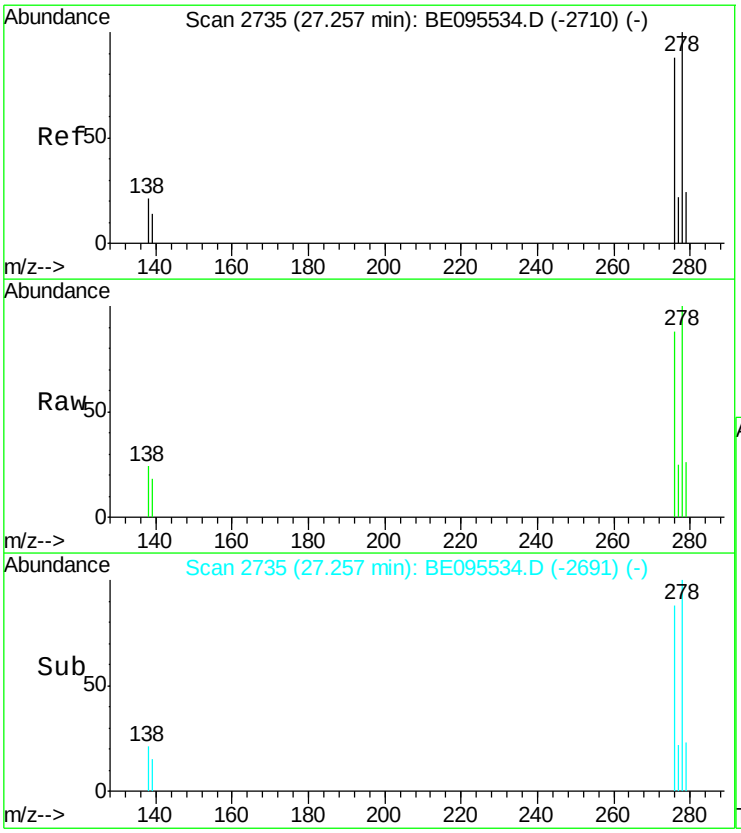
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 24.31 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7308

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0
125	12.5	12.0	18.0

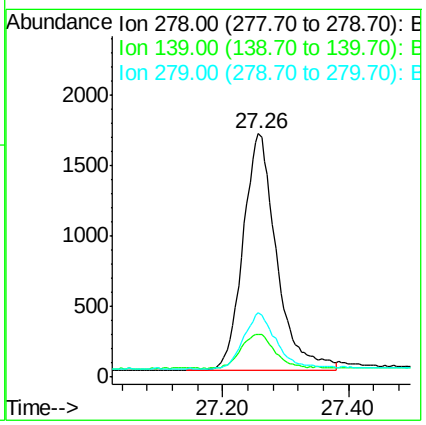


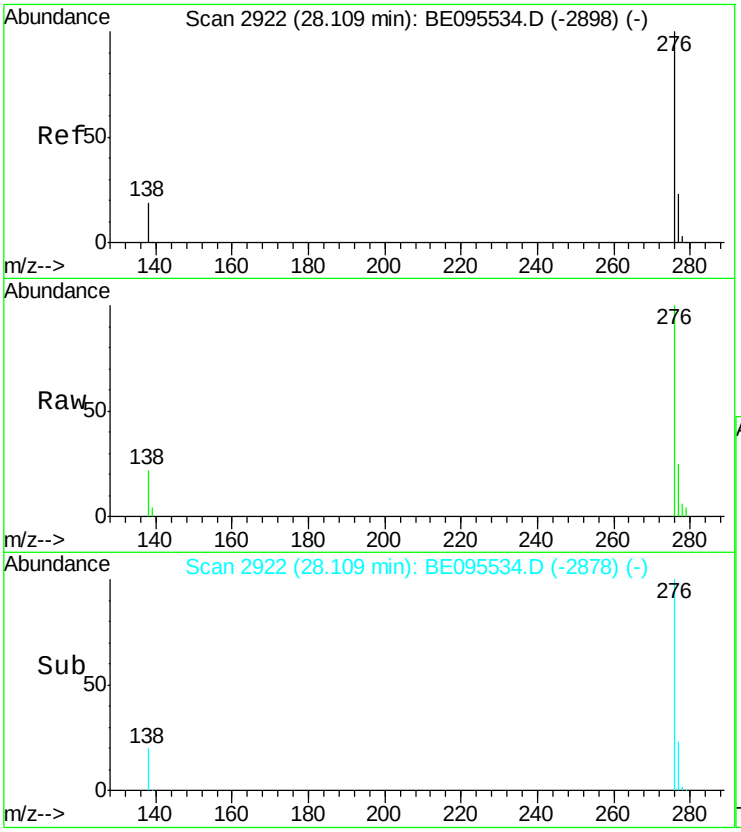


#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 27.26 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:278 Resp: 6245

Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.0	24.0
279	26.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 28.11 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 6916

Ion	Ratio	Lower	Upper
276	100		
277	25.3	16.0	24.0#
138	22.1	20.0	30.0