Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095533.D
Acq On : 6 Feb 2018 17:27
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Feb 06 20:03:47 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	8.44	152	1099	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	4268	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2408	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	5887	0.40	ng		0.00
27) Chrysene-d12	21.79	240	6170	0.40	ng		0.00
34) Perylene-d12	24.43	264	5739	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	636	0.36	ng		0.00
5) Phenol-d6	7.56	99	887	0.33	ng		0.00
8) Nitrobenzene-d5	9.61	82	915	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	1400	0.20	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	204	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	2116	0.20	ng		0.00
25) Fluoranthene-d10	19.69	212	14993	0.20	ng		0.00
29) Terphenyl-d14	20.25	244	2598	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	334	0.309	ng		95
3) n-Nitrosodimethylamine	4.01	42	418	0.324	ng	#	84
6) bis(2-Chloroethyl)ether	7.83	93	825	0.328	ng		94
9) Naphthalene	11.33	128	9925	0.203	ng		99
10) Hexachlorobutadiene	11.58	225	493	0.225	ng		95
12) 2-Methylnaphthalene	12.88	142	1677	0.200	ng		95
16) Acenaphthylene	14.73	152	2687	0.208	ng		98
17) Acenaphthene	15.07	154	1691	0.202	ng		92
18) Fluorene	16.04	166	2142	0.204	ng	#	78
20) 4-Bromophenyl-phenylether	16.91	248	678	0.196	ng	#	72
21) Hexachlorobenzene	17.03	284	736	0.212	ng	#	83
22) Pentachlorophenol	17.37	266	149	0.185	ng		88
23) Phenanthrene	17.74	178	3577	0.197	ng		99
24) Anthracene	17.83	178	3232	0.199	ng		97
26) Fluoranthene	19.72	202	4456	0.204	ng		97
28) Pyrene	20.06	202	5350	0.205	ng		99
30) Benzo(a)anthracene	21.78	228	4098	0.212	ng		99
31) Chrysene	21.84	228	4024	0.206	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	9285	0.346	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	3875	0.218	ng	#	93
35) Benzo(b)fluoranthene	23.61	252	3789	0.186	ng	#	93
36) Benzo(k)fluoranthene	23.66	252	3922	0.188	ng	#	89
37) Benzo(a)pyrene	24.31	252	3532	0.189	ng	#	91
38) Dibenzo(a,h)anthracene	27.26	278	2954	0.188	ng	#	94
39) Benzo(g,h,i)perylene	28.11	276	3351	0.197	ng	#	91

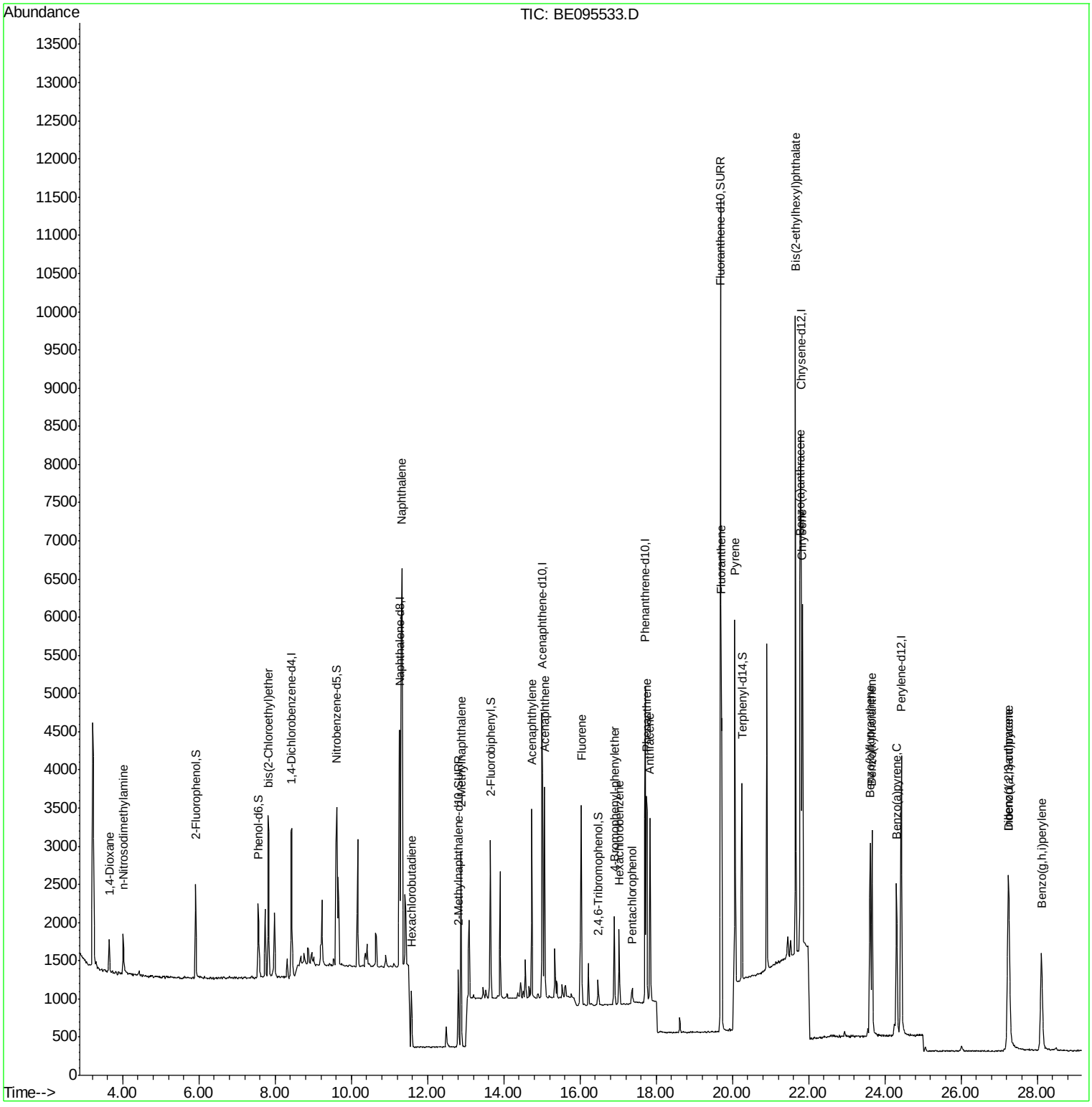
(#) = qualifier out of range (m) = manual integration (+) = signals summed

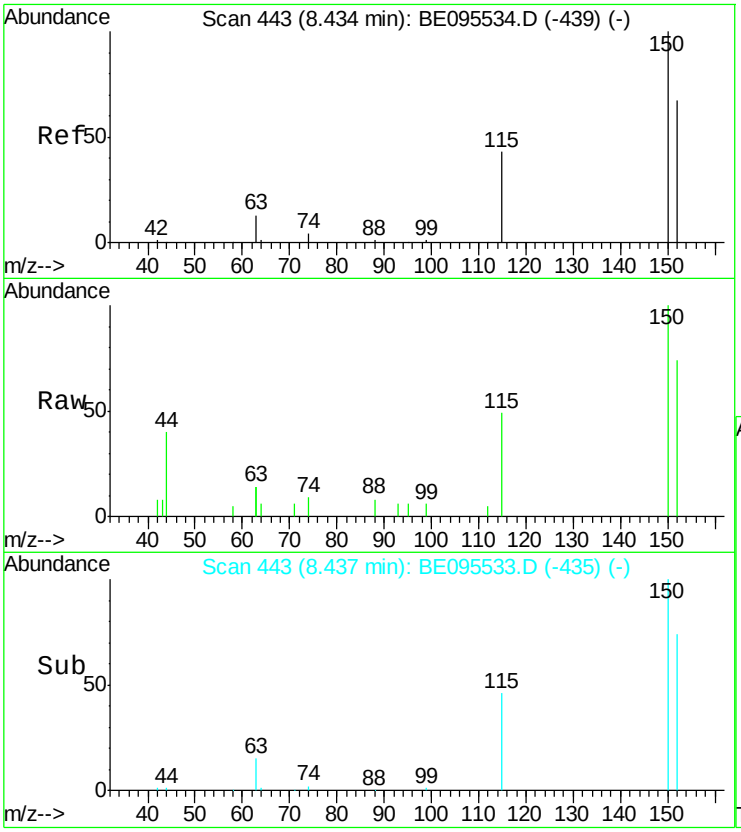
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095533.D
Acq On : 6 Feb 2018 17:27
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Feb 06 20:03:47 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



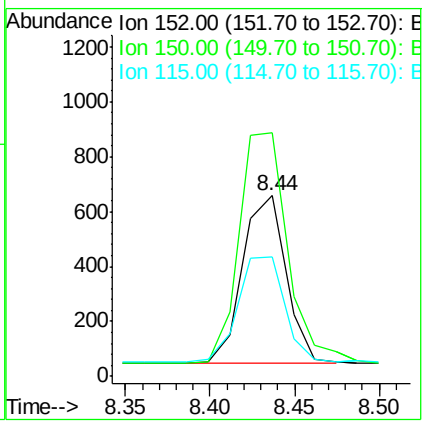


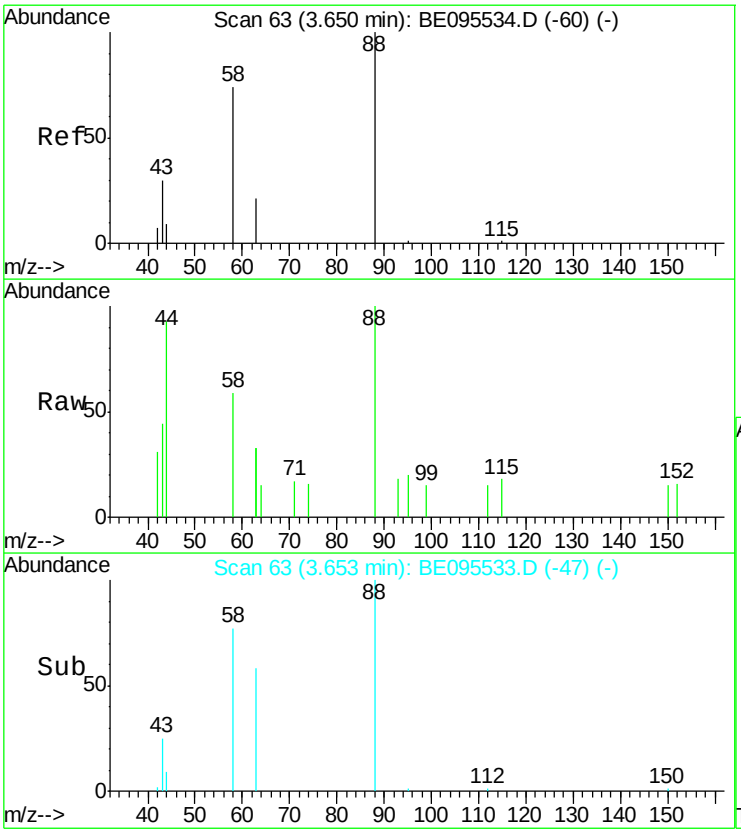
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1099

Ion	Ratio	Lower	Upper
152	100		
150	135.0	117.2	175.8
115	66.2	57.0	85.6

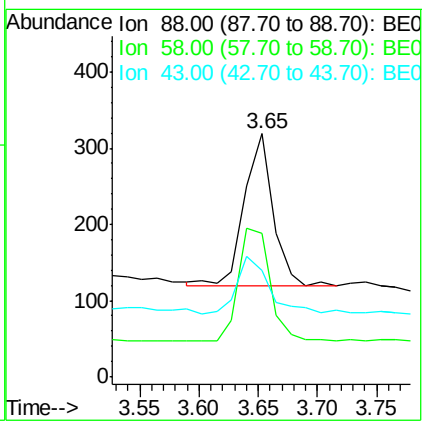


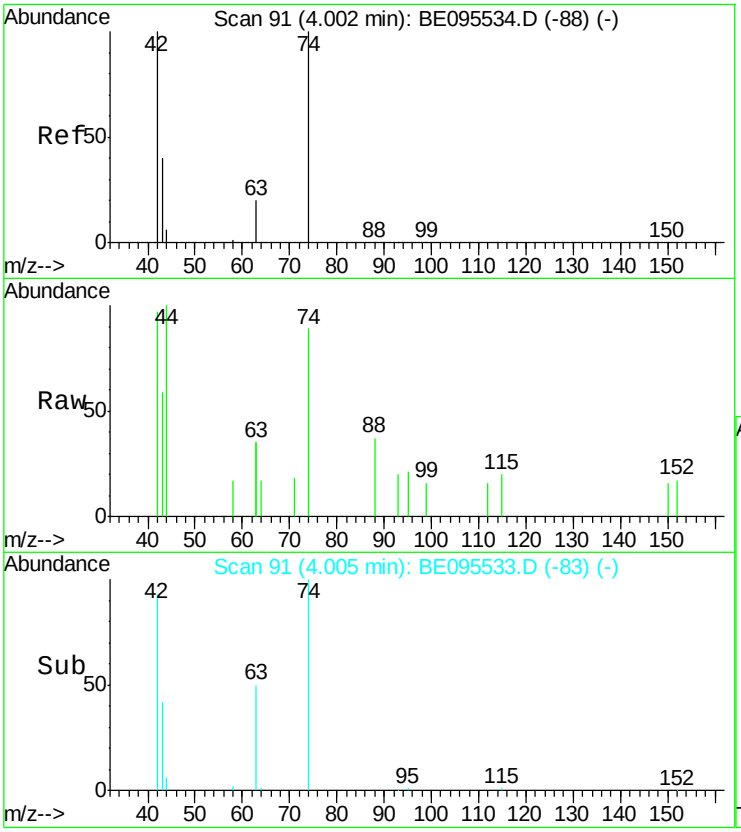


#2
1,4-Dioxane
Concen: 0.309 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion: 88 Resp: 334

Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.2	94.8
43	45.8	41.2	61.8



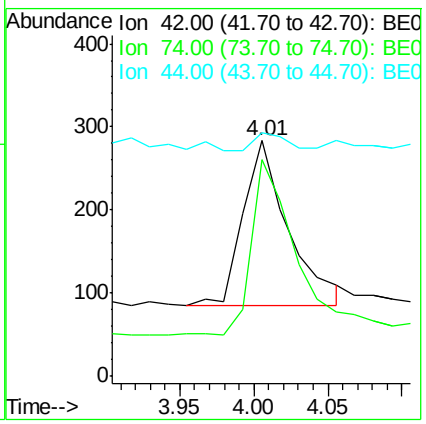


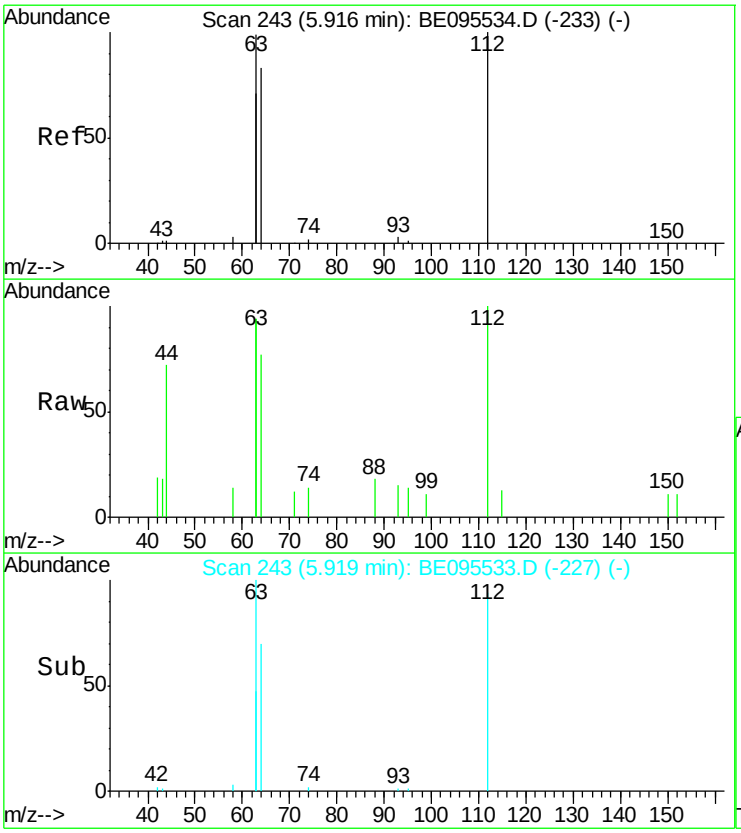
#3
n-Nitrosodimethylamine
Concen: 0.324 ng
RT: 4.01 min Scan# 91
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 418

Ion	Ratio	Lower	Upper
42	100		
74	102.6	96.0	144.0
44	8.4	12.0	18.0#

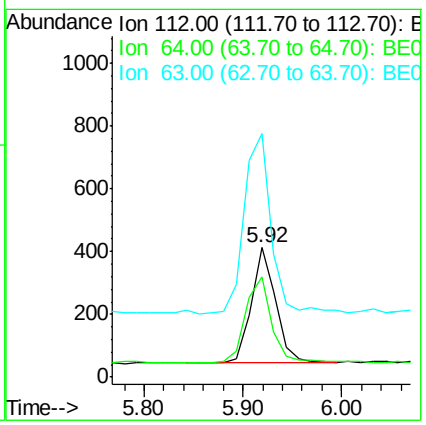


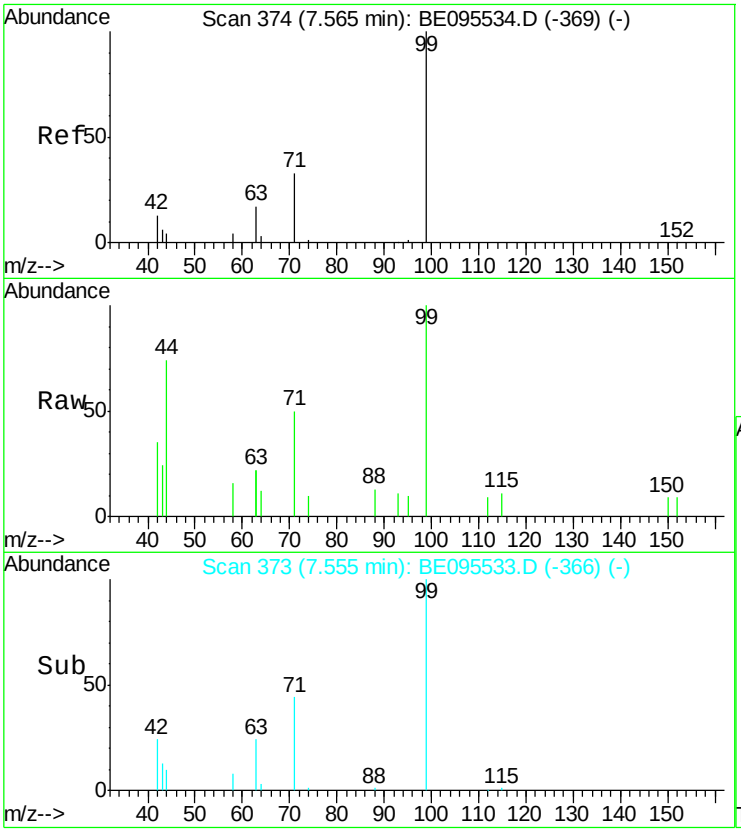


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:112 Resp: 636

Ion	Ratio	Lower	Upper
112	100		
64	78.6	60.1	90.1
63	172.0	116.8	175.2



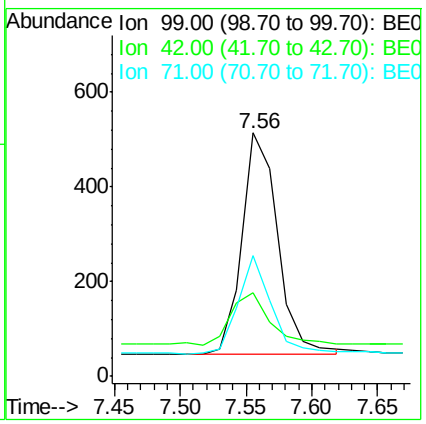


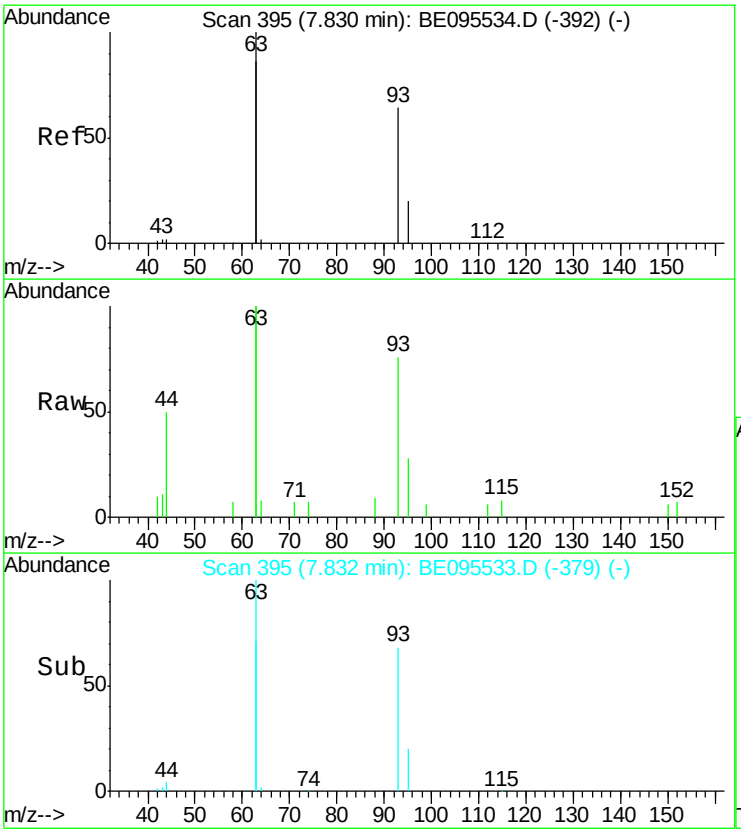
#5
Phenol-d6
Concen: 0.329 ng
RT: 7.56 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 887

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.2	30.2
71	41.7	28.4	42.6

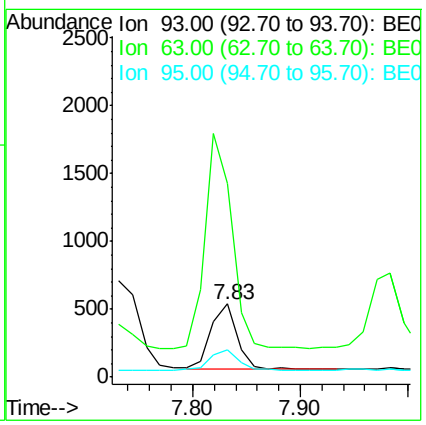


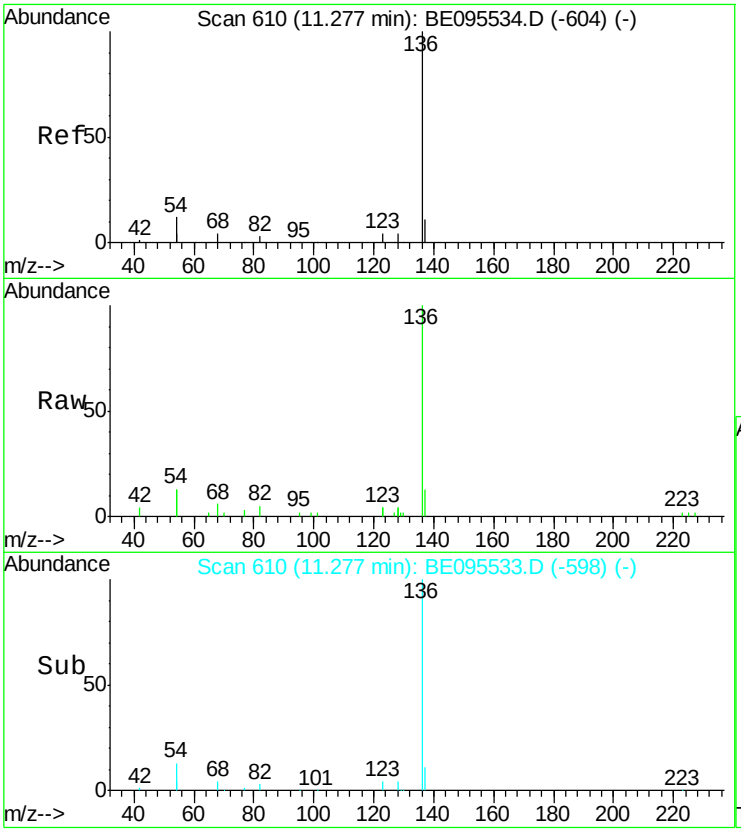


#6
bis(2-Chloroethyl)ether
Concen: 0.328 ng
RT: 7.83 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion: 93 Resp: 825

Ion	Ratio	Lower	Upper
93	100		
63	330.3	275.3	412.9
95	34.2	25.2	37.8



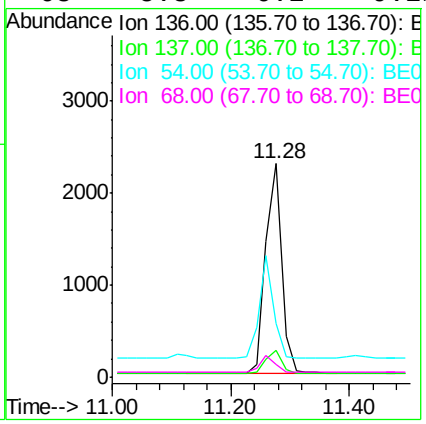


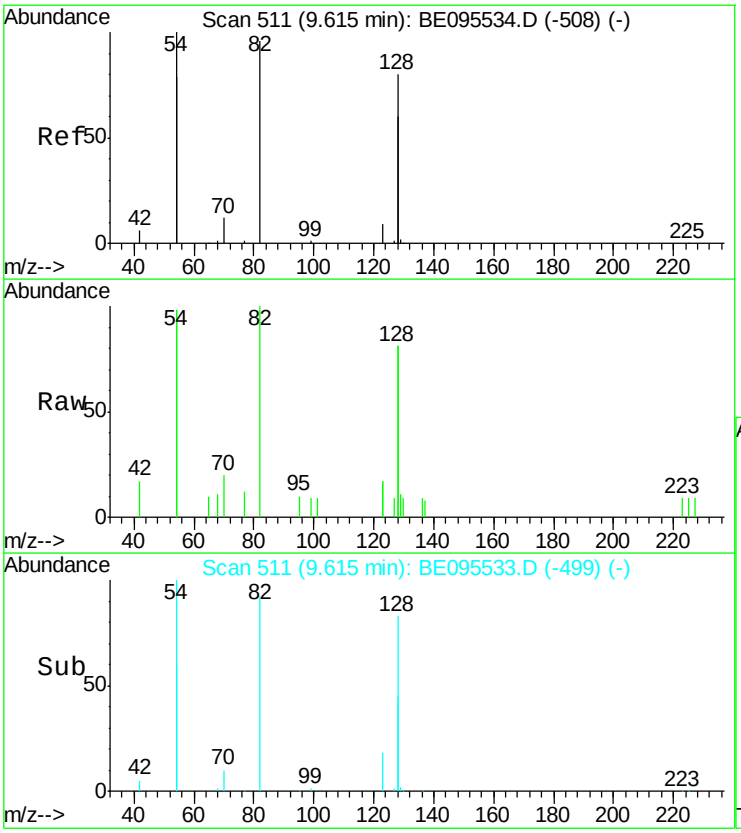
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 4268

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	25.2	29.1	43.7#
68	5.8	6.2	9.2#

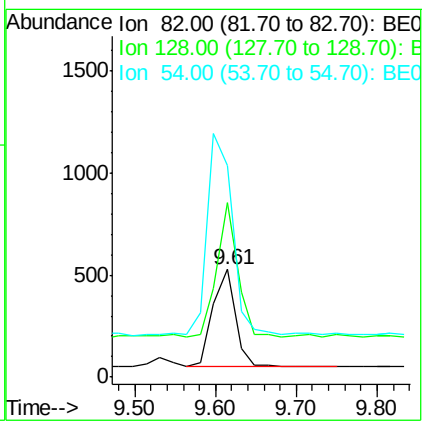


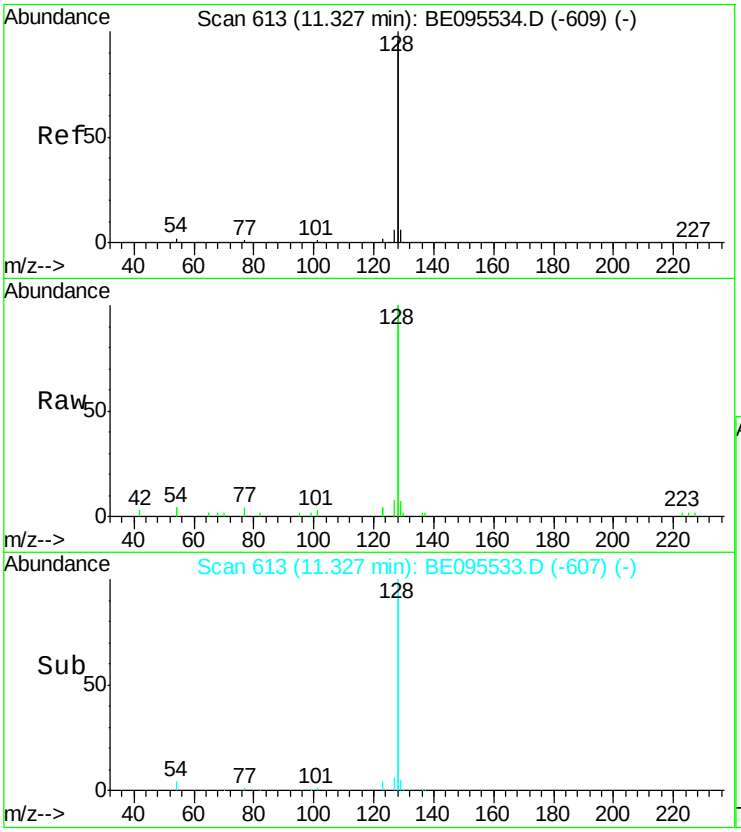


#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 9.61 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion: 82 Resp: 915

Ion	Ratio	Lower	Upper
82	100		
128	162.8	150.0	225.0
54	197.0	154.2	231.4



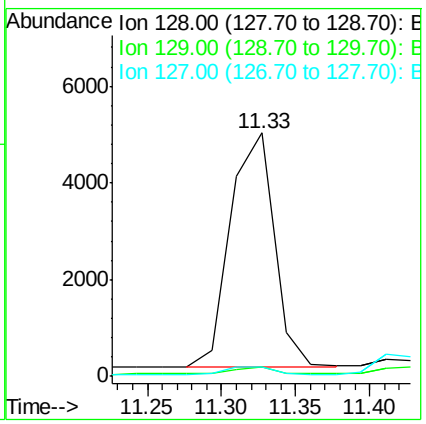


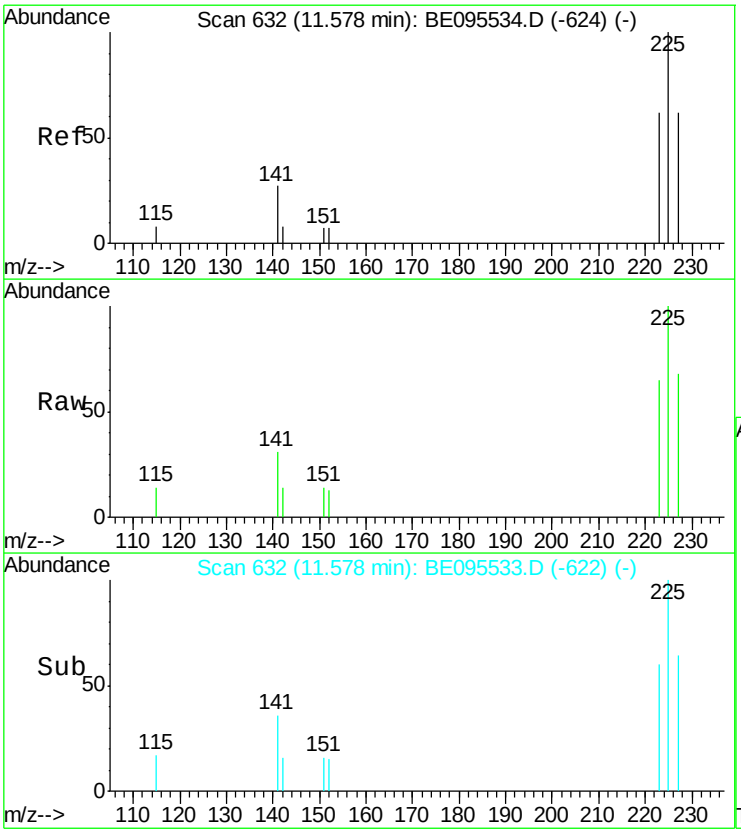
#9
Naphthalene
Concen: 0.203 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 9925

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

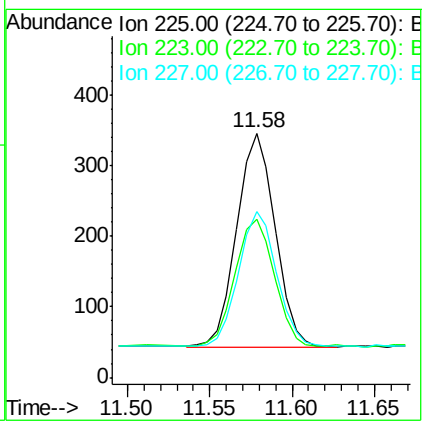


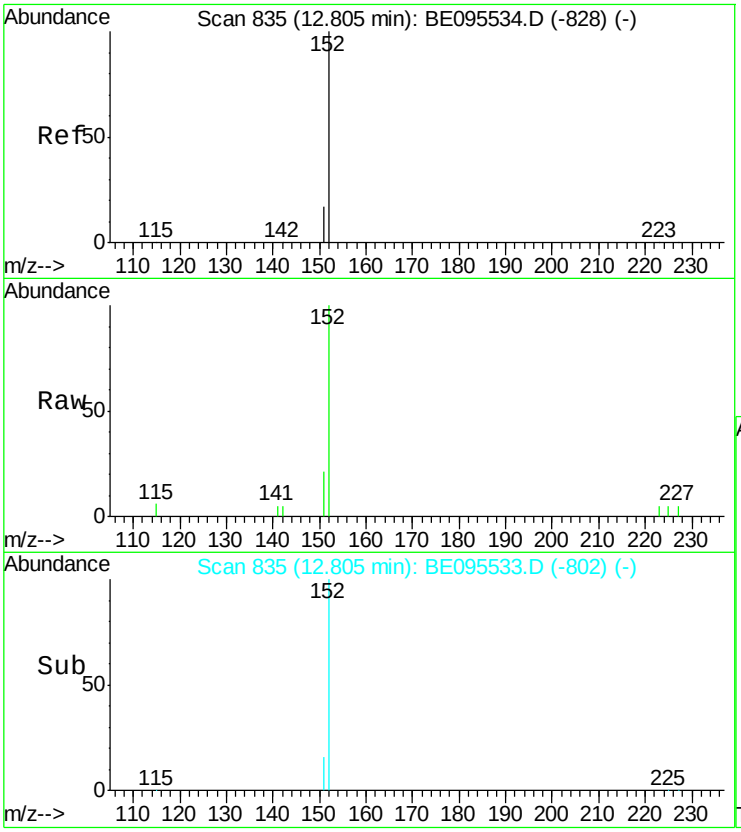


#10
Hexachlorobutadiene
Concen: 0.225 ng
RT: 11.58 min Scan# 632
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:225 Resp: 493

Ion	Ratio	Lower	Upper
225	100		
223	60.9	53.0	79.6
227	62.5	51.4	77.2



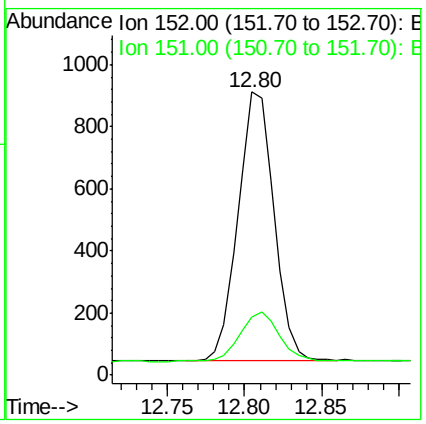


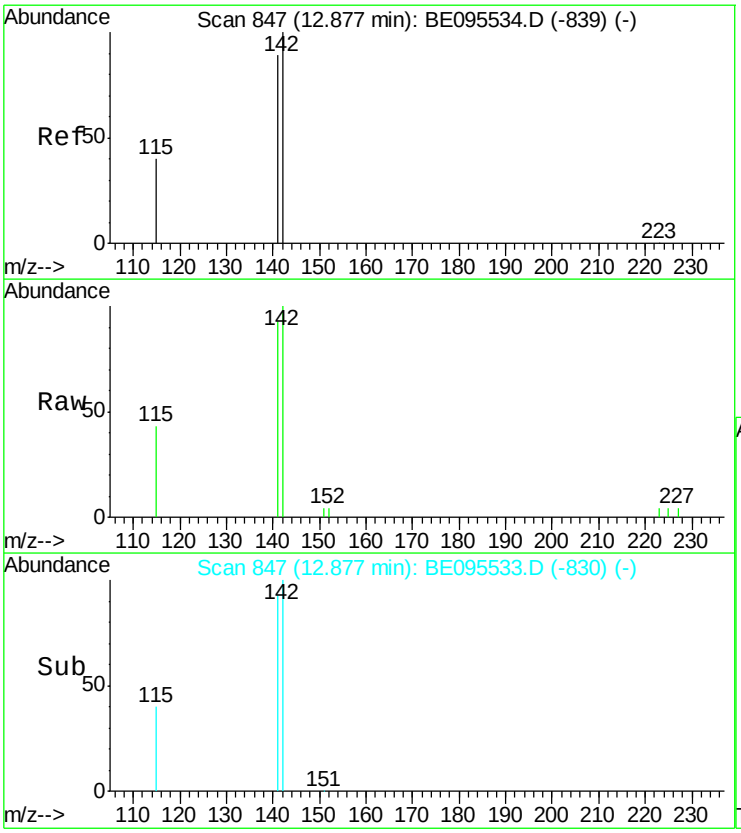
#11
2-Methylnaphthalene-d10
Concen: 0.198 ng
RT: 12.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1400

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.4	23.0

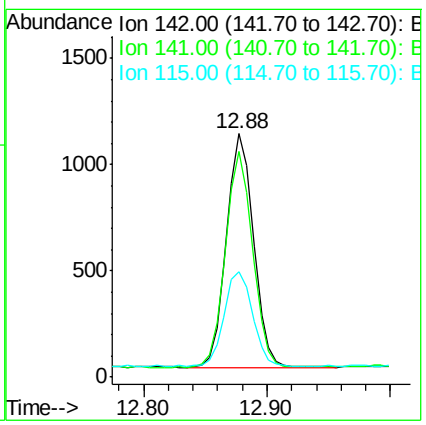


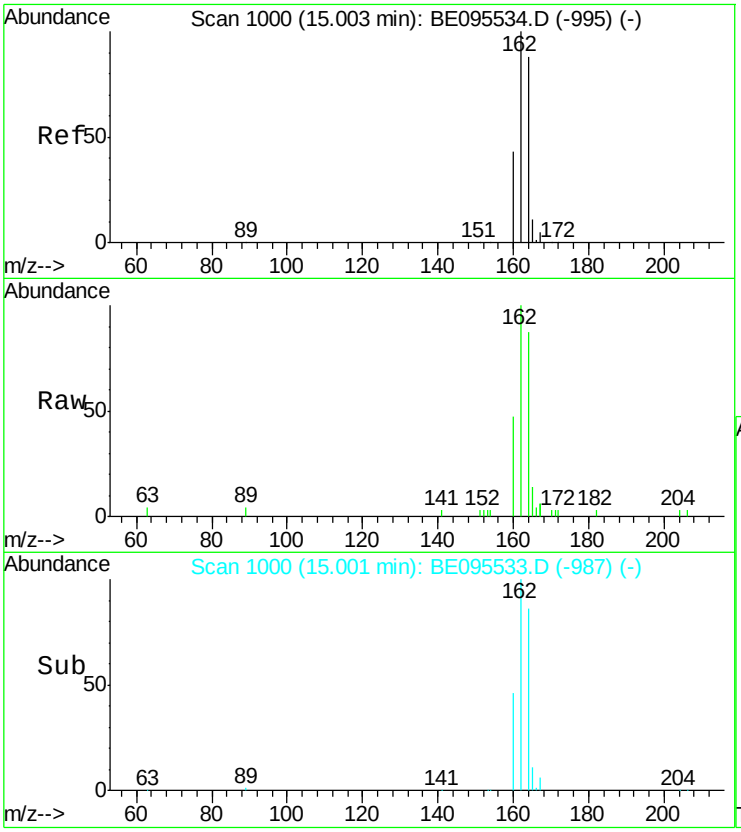


#12
2-Methylnaphthalene
Concen: 0.200 ng
RT: 12.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:142 Resp: 1677

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.4	105.6
115	43.1	31.7	47.5



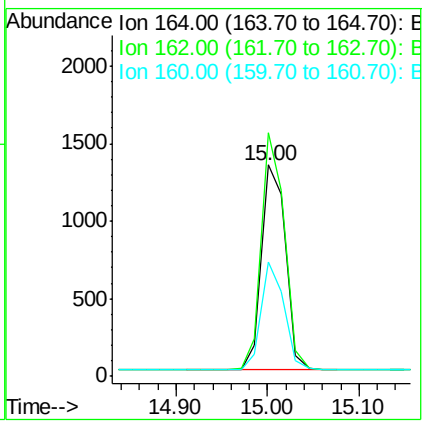


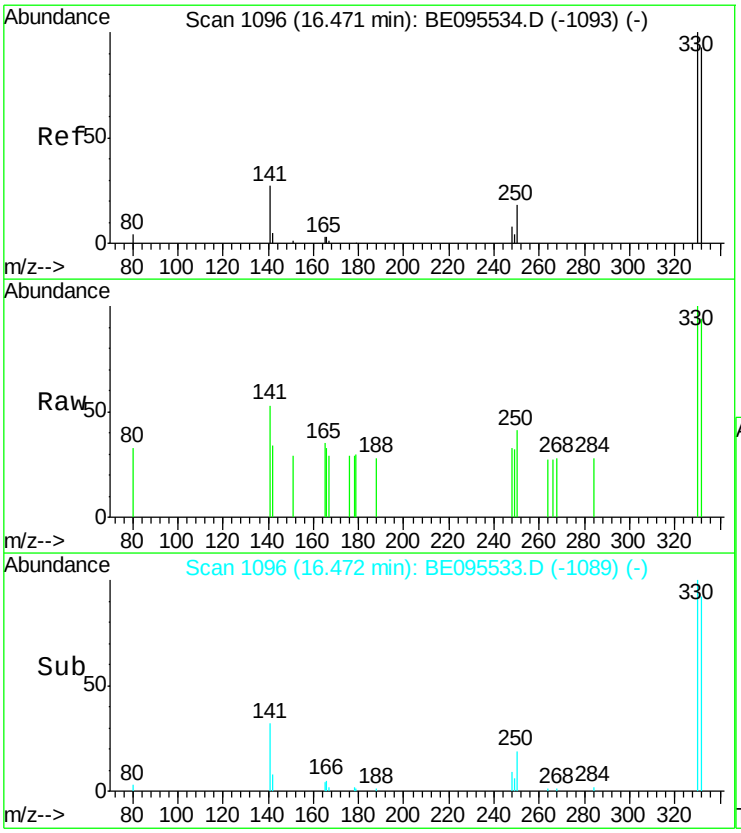
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2408

Ion	Ratio	Lower	Upper
164	100		
162	115.3	83.1	124.7
160	54.4	37.1	55.7

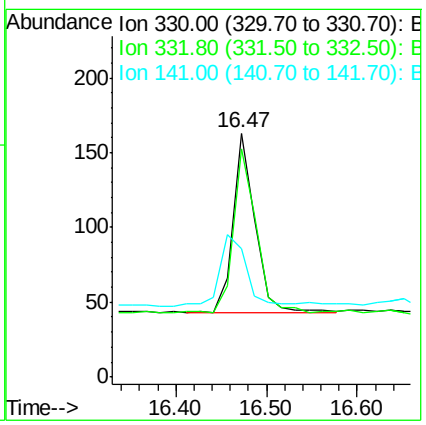


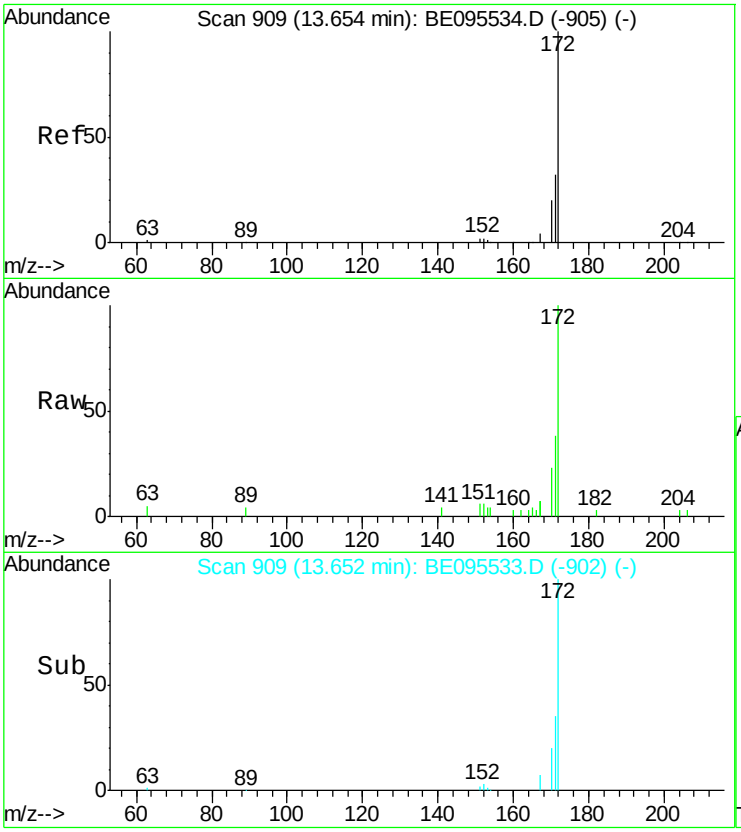


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:330 Resp: 204

Ion	Ratio	Lower	Upper
330	100		
332	93.6	152.7	229.1#
141	49.0	33.7	50.5



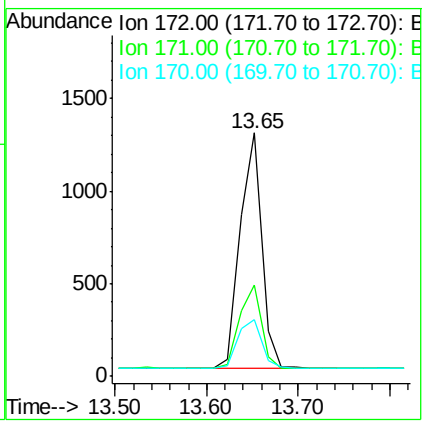


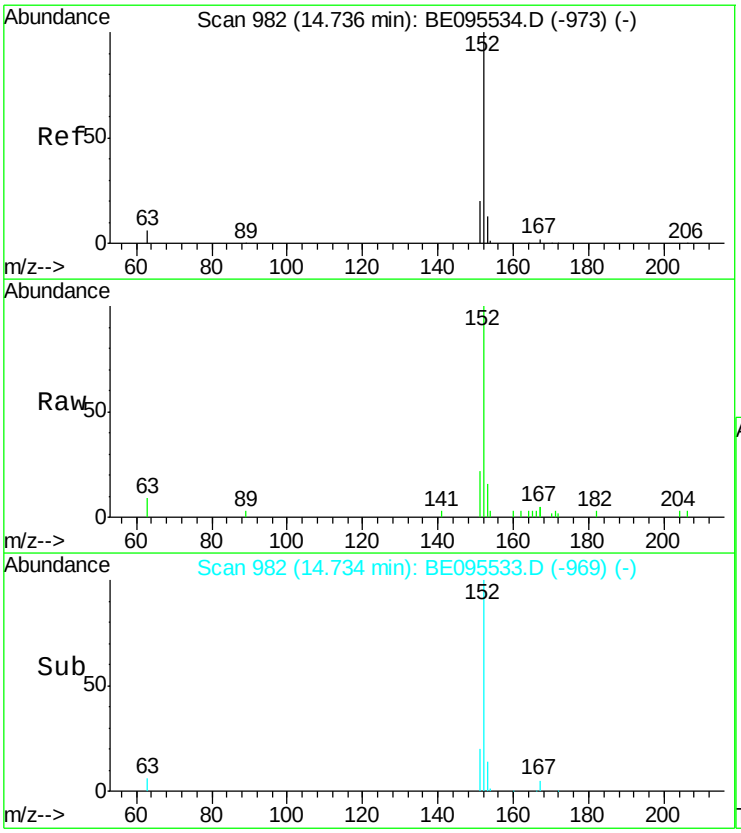
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 2116

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	23.1	21.8	32.8

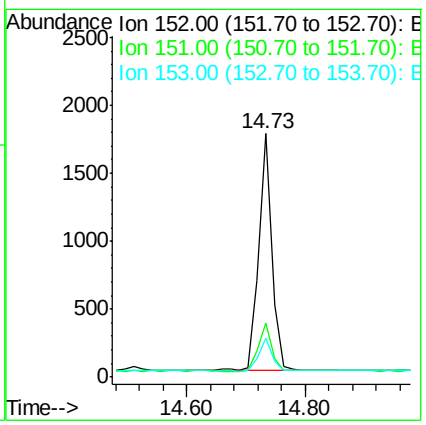


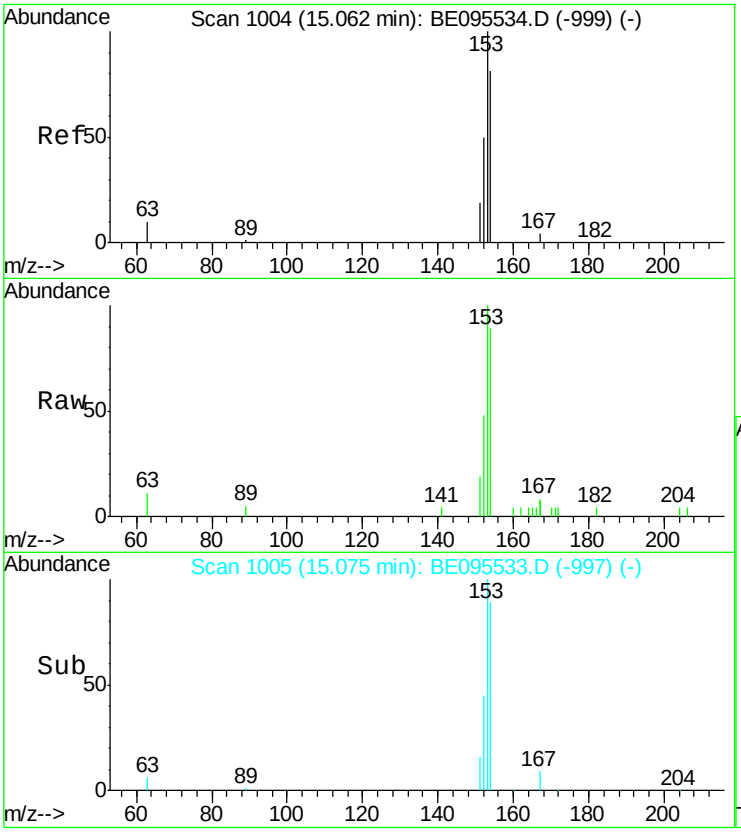


#16
Acenaphthylene
Concen: 0.208 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:152 Resp: 2687

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	14.1	10.5	15.7



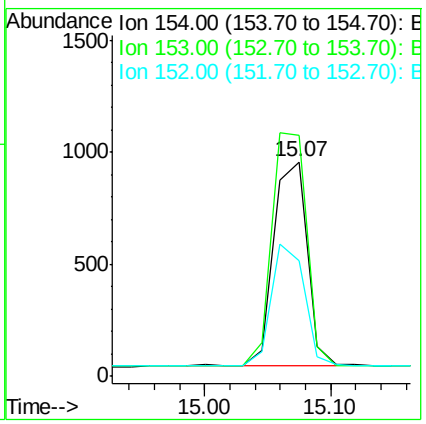


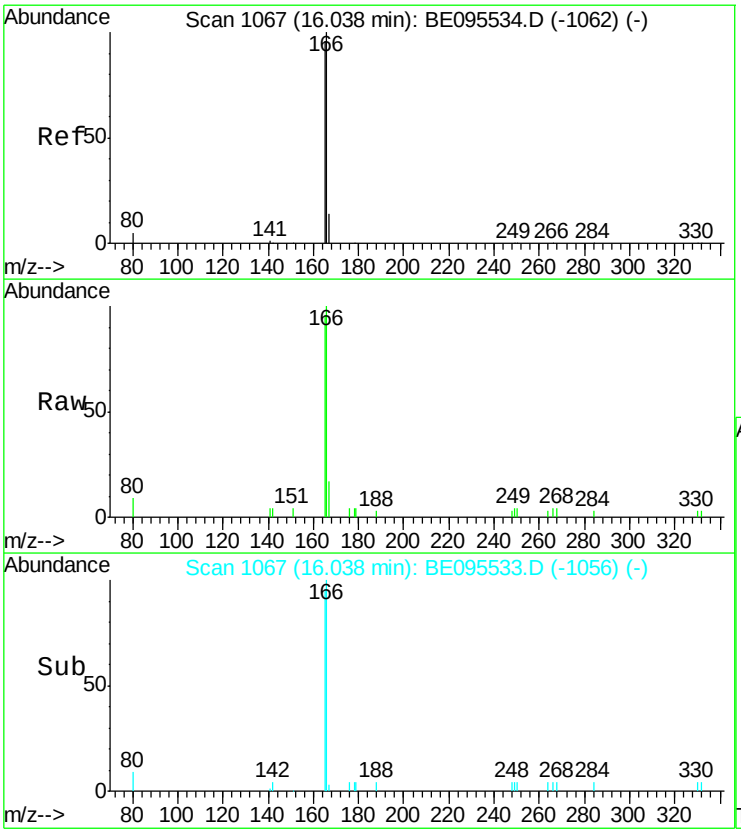
#17
Acenaphthene
Concen: 0.202 ng
RT: 15.07 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1691

Ion	Ratio	Lower	Upper
154	100		
153	119.0	89.2	133.8
152	58.7	42.0	63.0

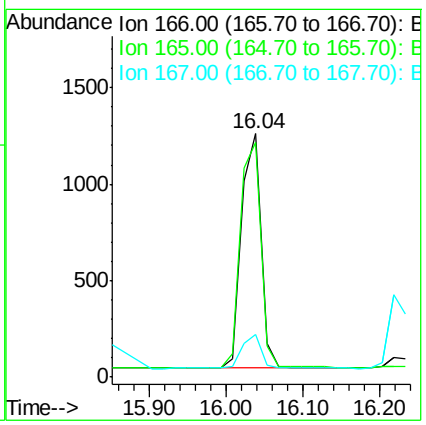


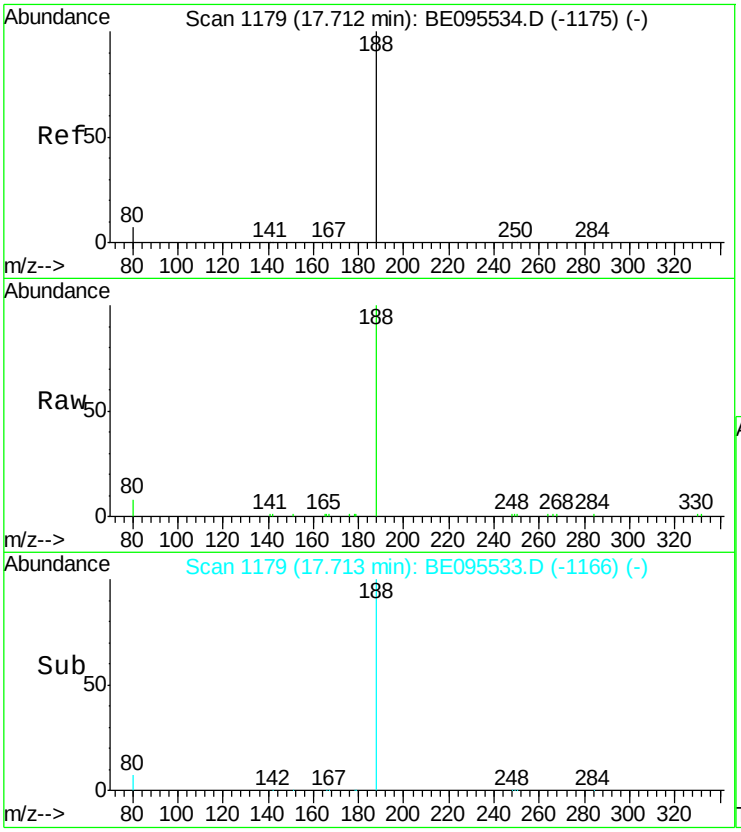


#18
Fluorene
Concen: 0.204 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:166 Resp: 2142

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.8	116.6
167	14.0	42.4	63.6#



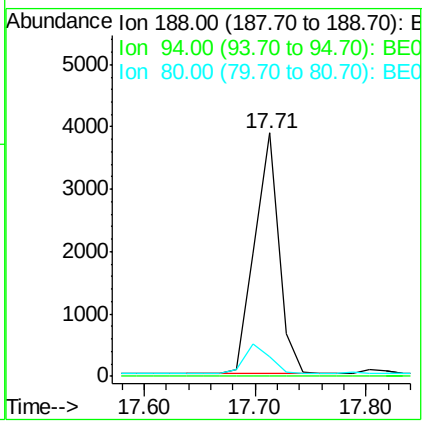


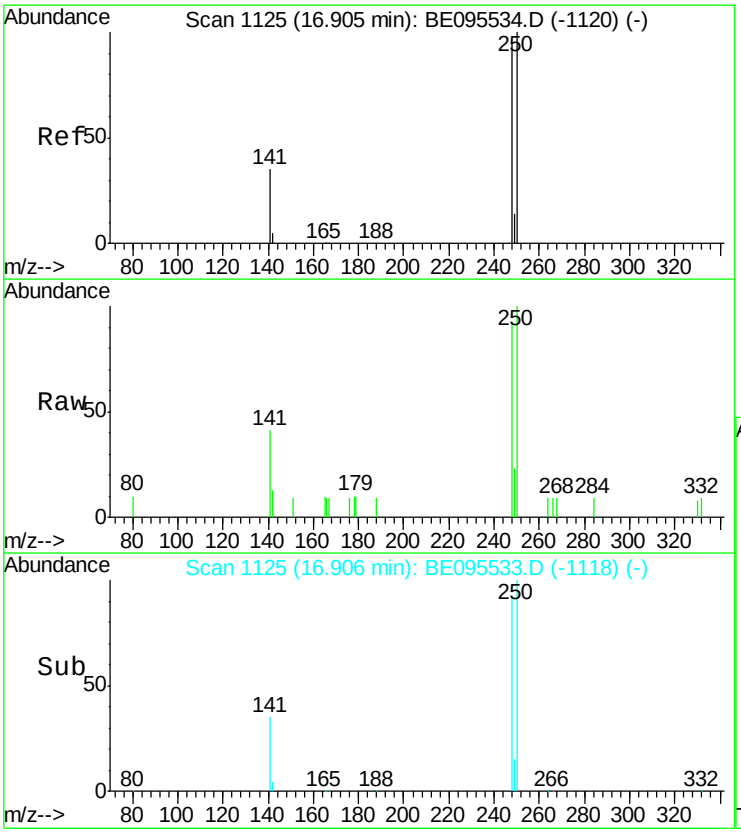
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 5887

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.2	3.6	5.4#

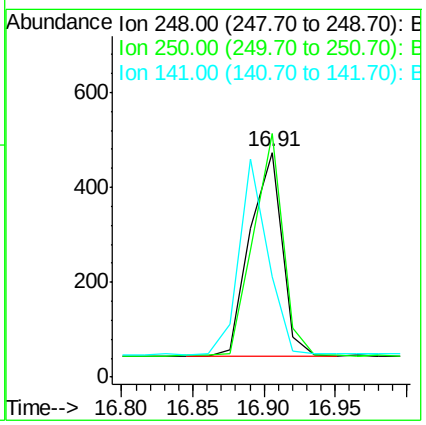


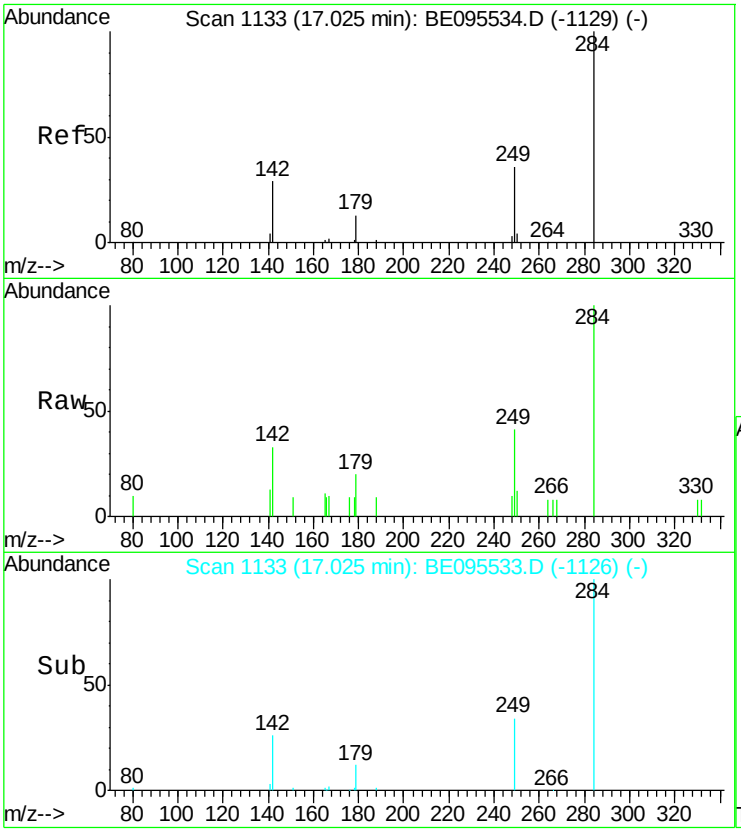


#20
4-Bromophenyl-phenylether
Concen: 0.196 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:248 Resp: 678

Ion	Ratio	Lower	Upper
248	100		
250	108.5	62.7	94.1#
141	44.8	48.2	72.2#



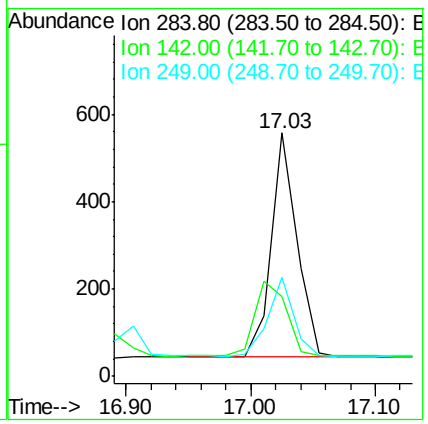


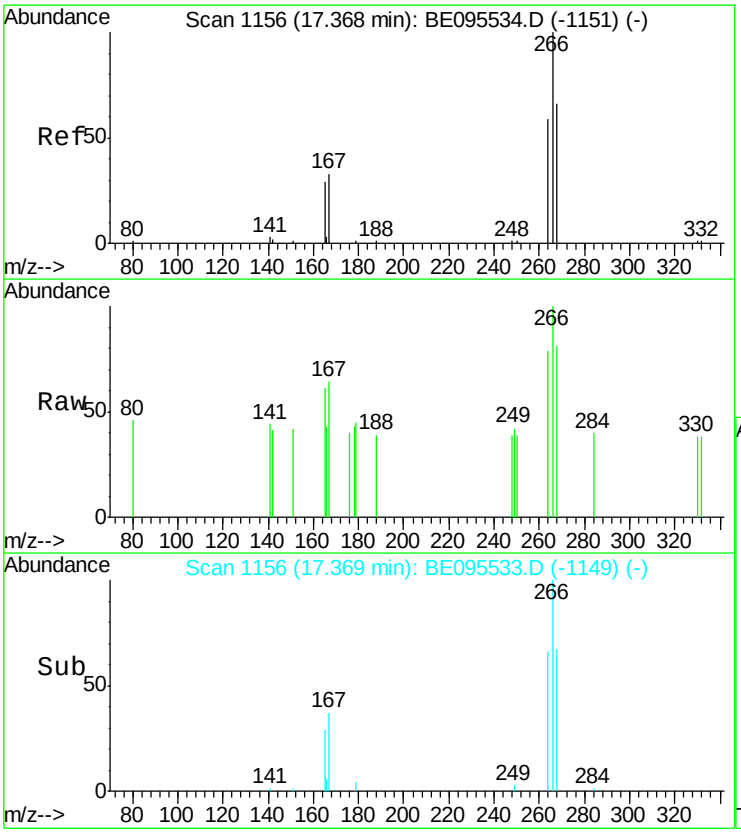
#21
Hexachlorobenzene
Concen: 0.212 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 736

Ion	Ratio	Lower	Upper
284	100		
142	39.8	22.1	33.1#
249	35.2	34.8	52.2

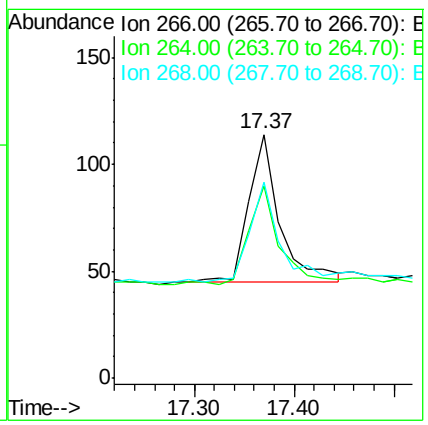


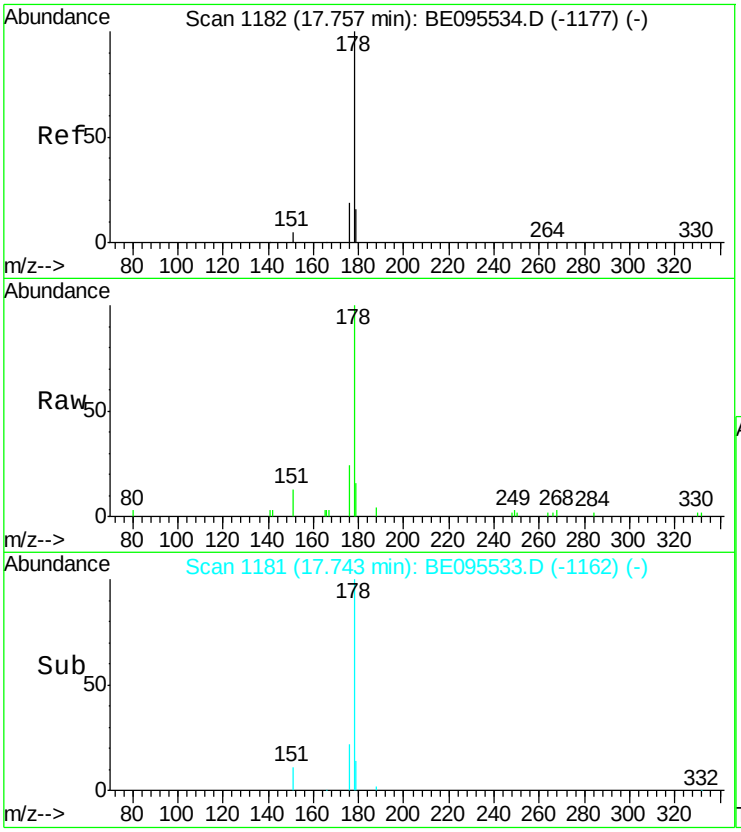


#22
Pentachlorophenol
Concen: 0.185 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:266 Resp: 149

Ion	Ratio	Lower	Upper
266	100		
264	78.9	72.5	108.7
268	80.7	73.8	110.6



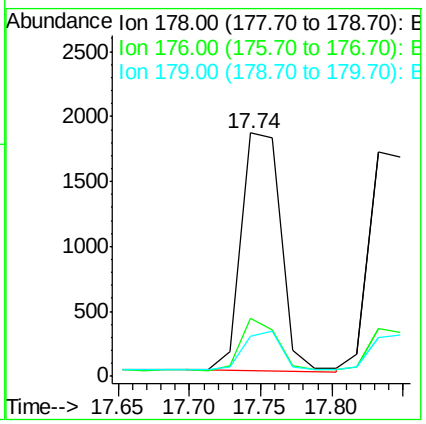


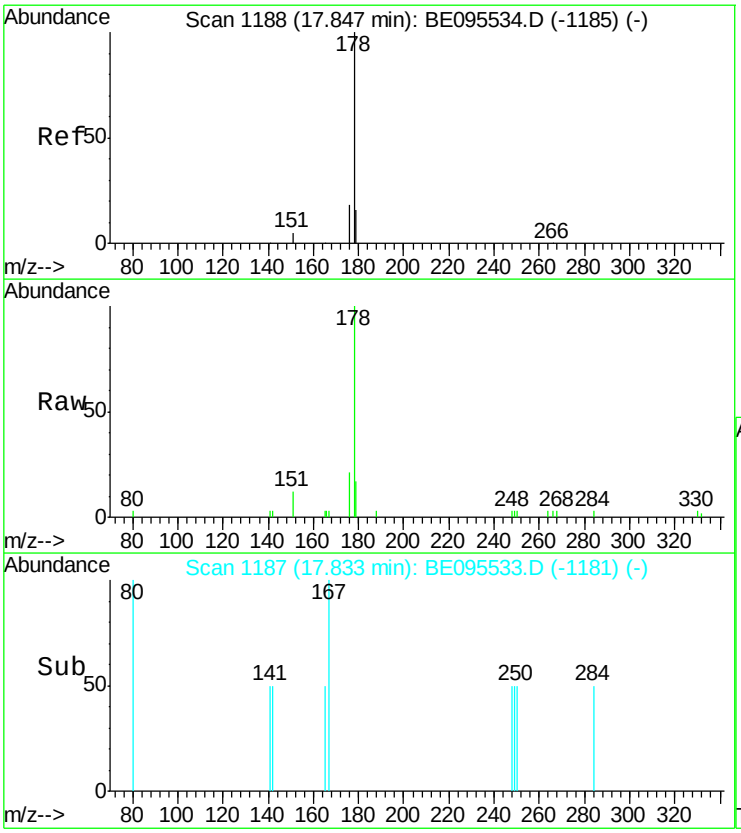
#23
Phenanthrene
Concen: 0.197 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3577

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.9	11.8	17.6

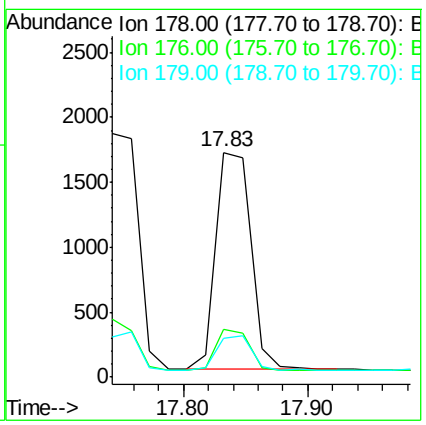


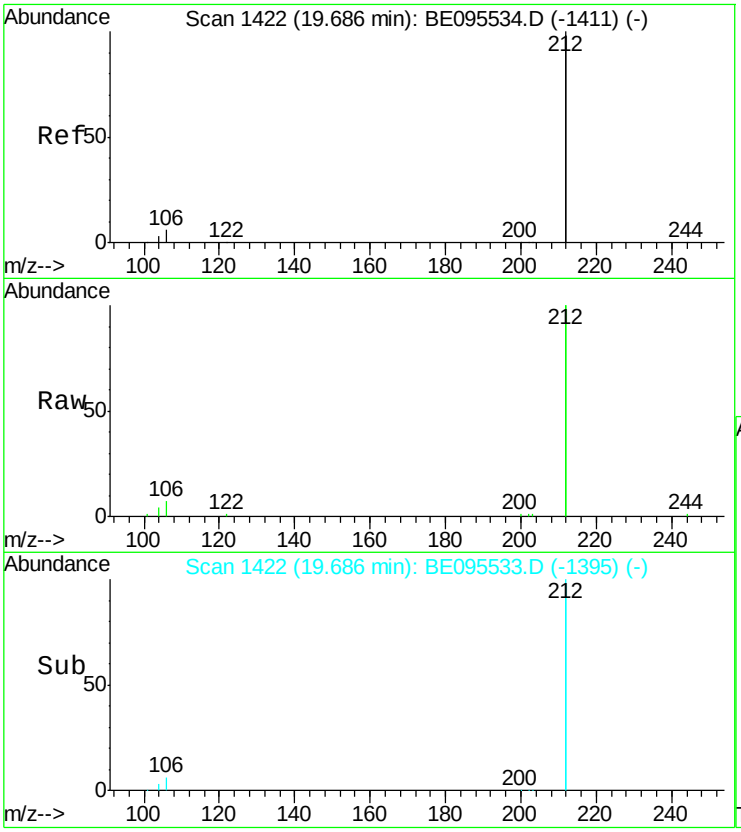


#24
Anthracene
Concen: 0.199 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:178 Resp: 3232

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	16.1	13.0	19.6



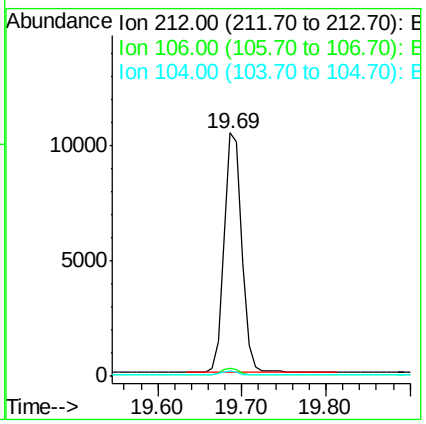


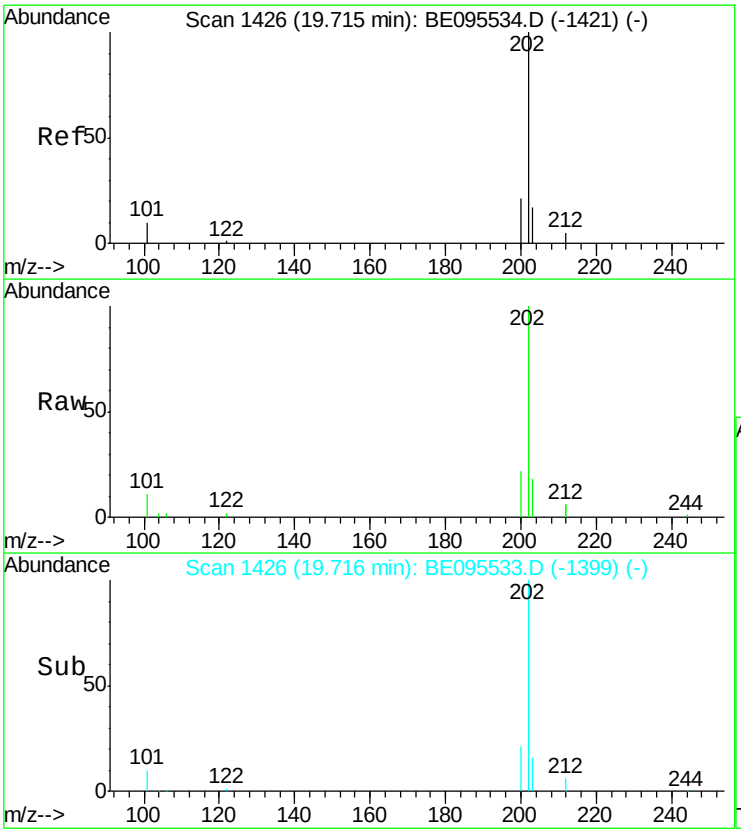
#25
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 14993

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

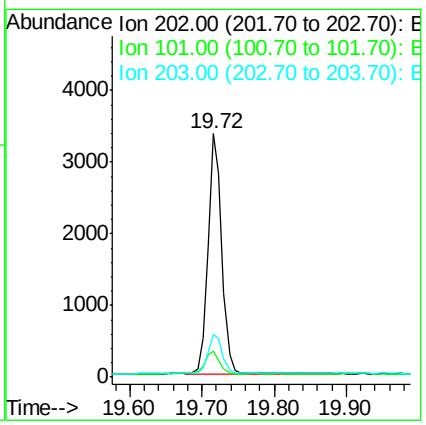


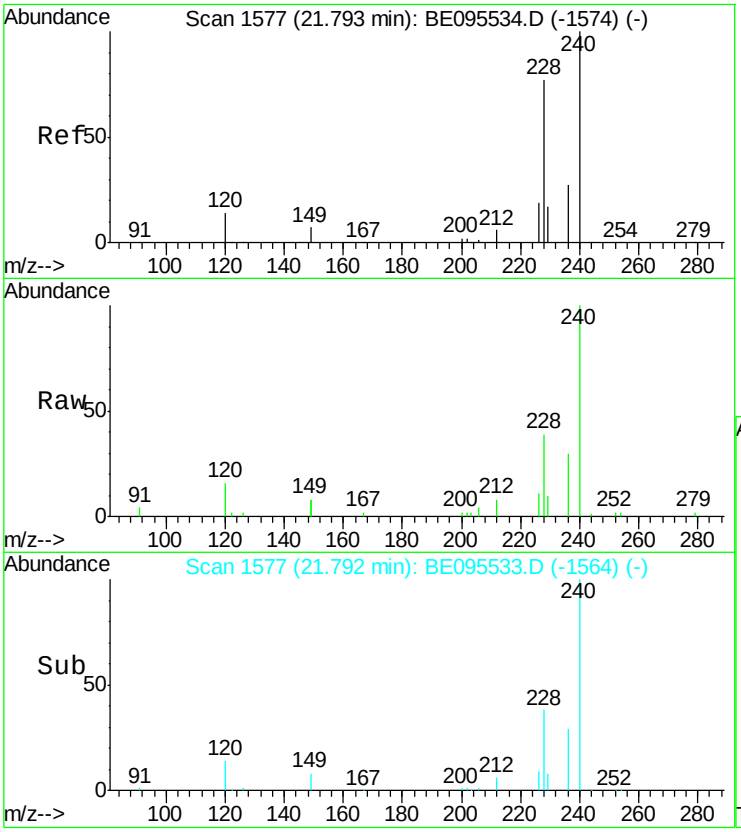


#26
Fluoranthene
Concen: 0.204 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:202 Resp: 4456

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.8	14.8
203	16.7	13.7	20.5



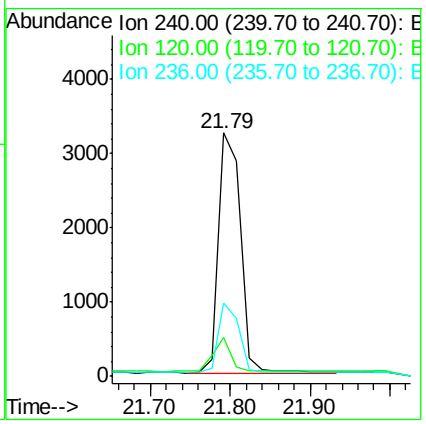


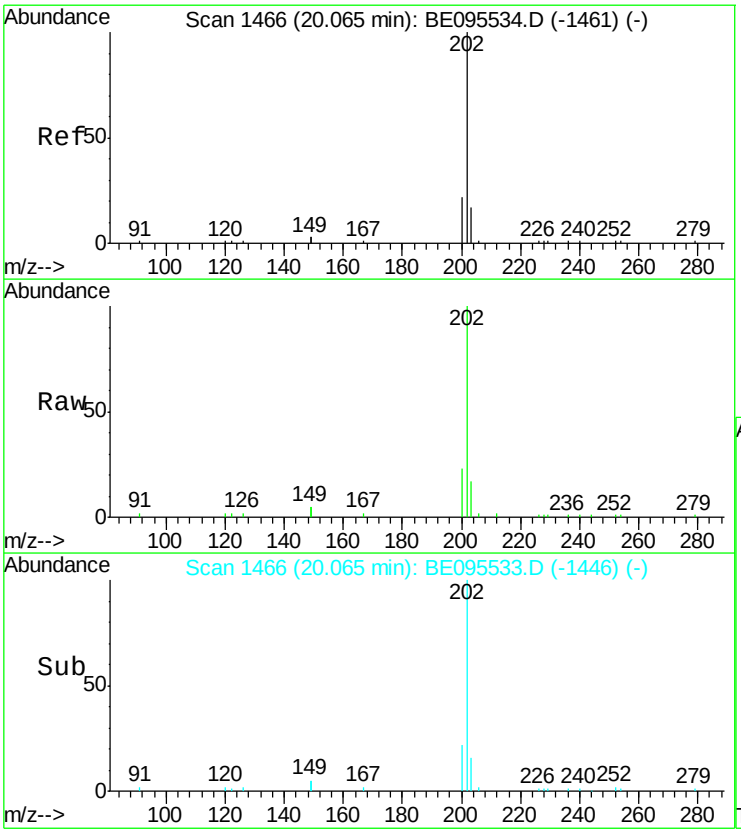
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 6170

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.5	8.3#
236	30.1	20.7	31.1

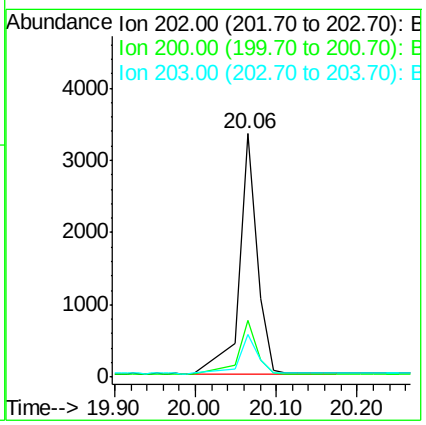


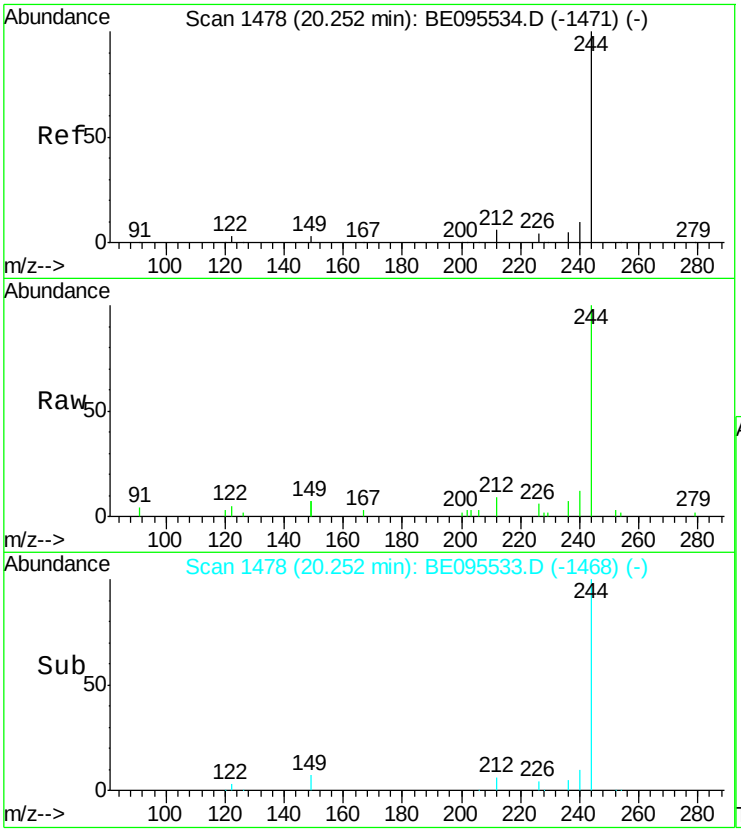


#28
Pyrene
Concen: 0.205 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:202 Resp: 5350

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.8	13.8	20.8



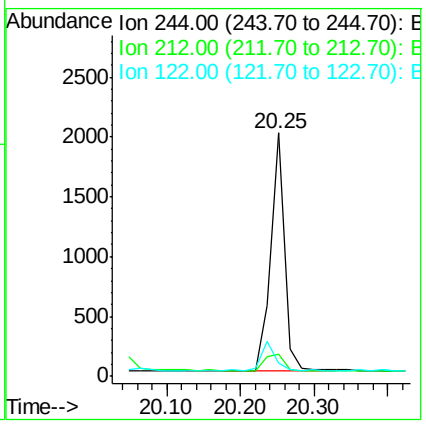


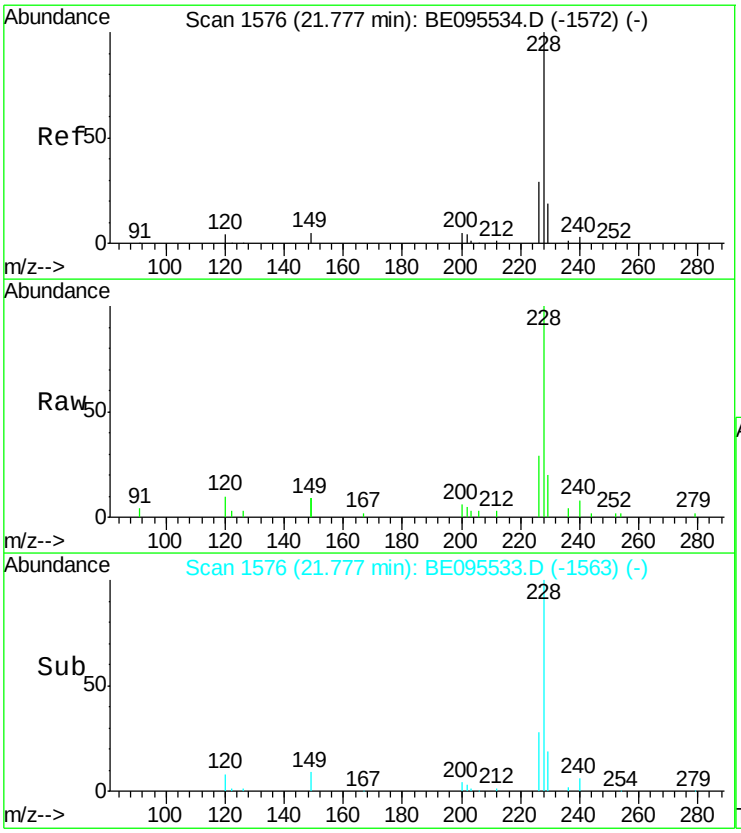
#29
Terphenyl-d14
Concen: 0.206 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 2598

Ion	Ratio	Lower	Upper
244	100		
212	9.0	25.4	38.0#
122	5.4	8.1	12.1#

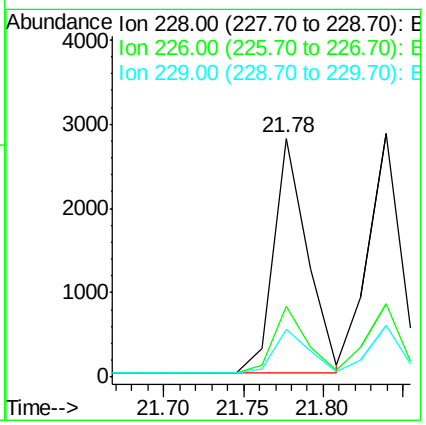


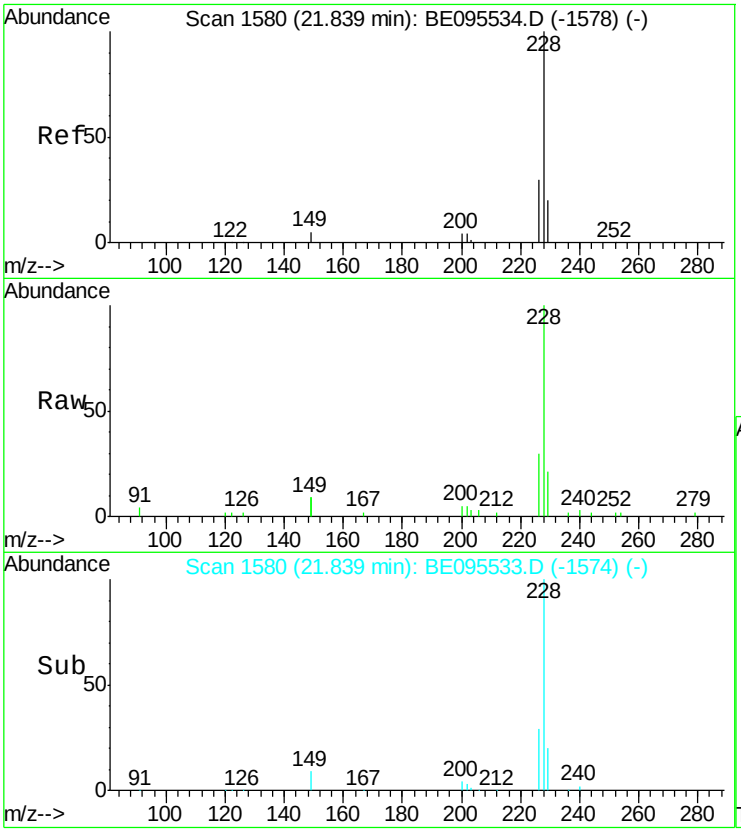


#30
Benzo(a)anthracene
Concen: 0.212 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:228 Resp: 4098

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



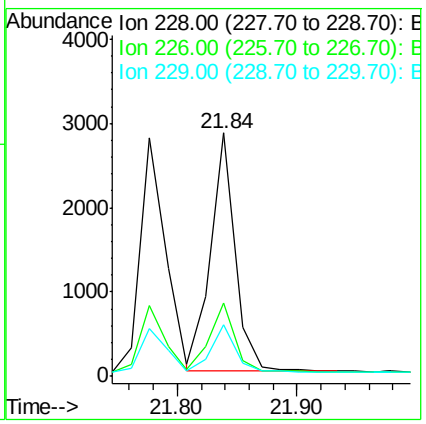


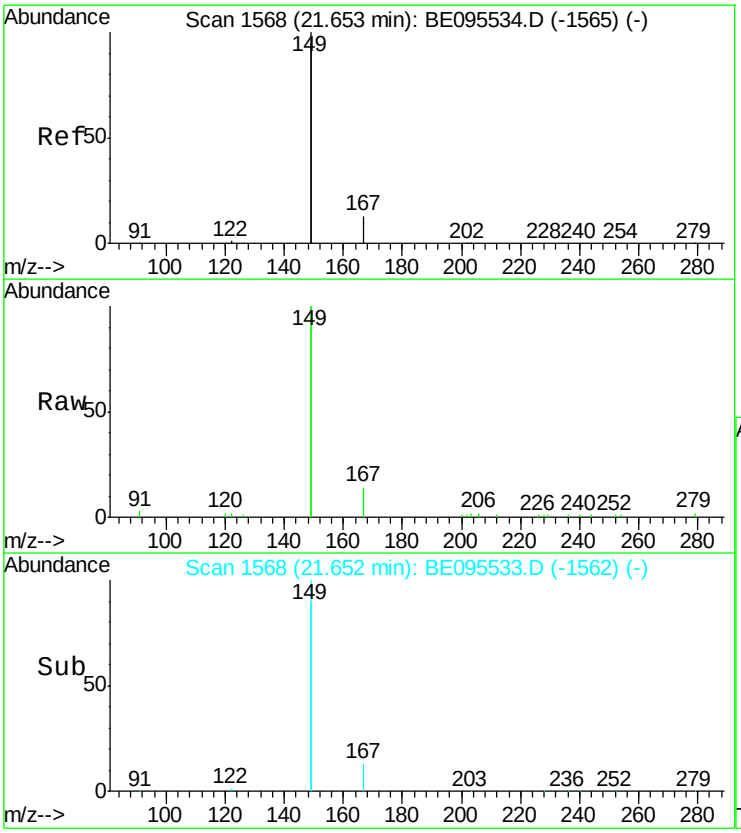
#31
Chrysene
Concen: 0.206 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 4024

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.1	16.0	24.0

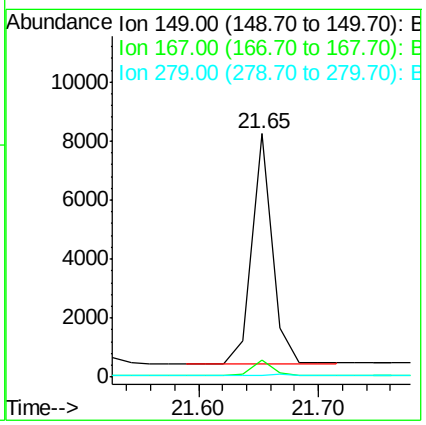


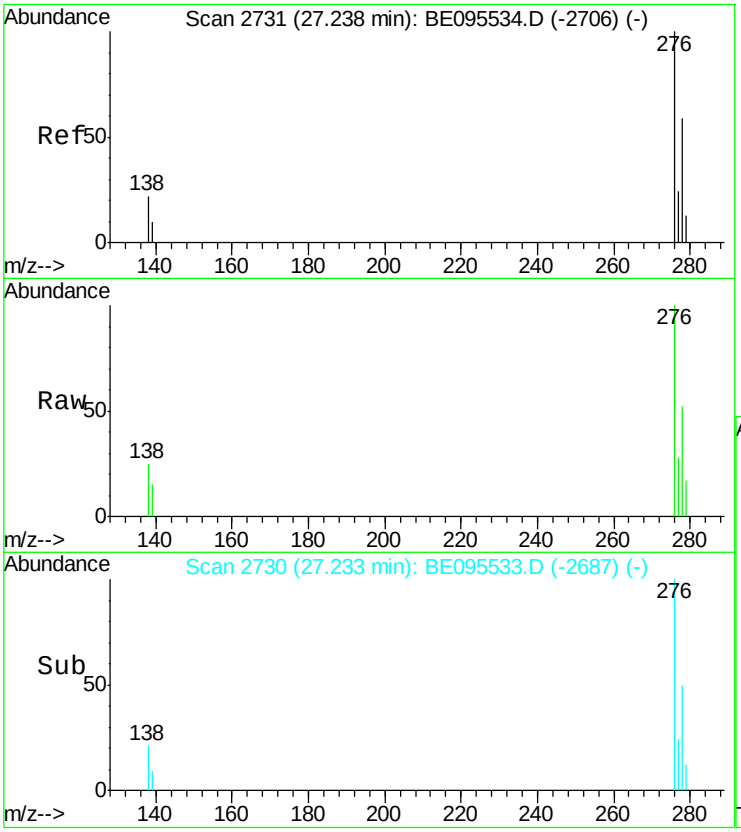


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:149 Resp: 9285

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



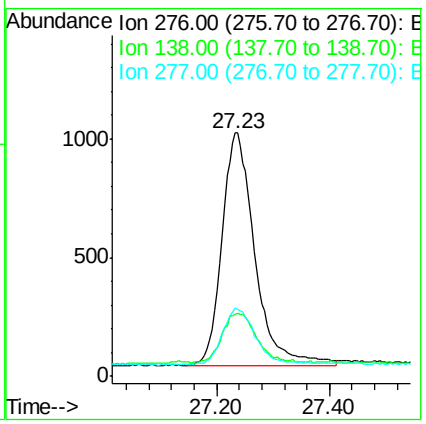


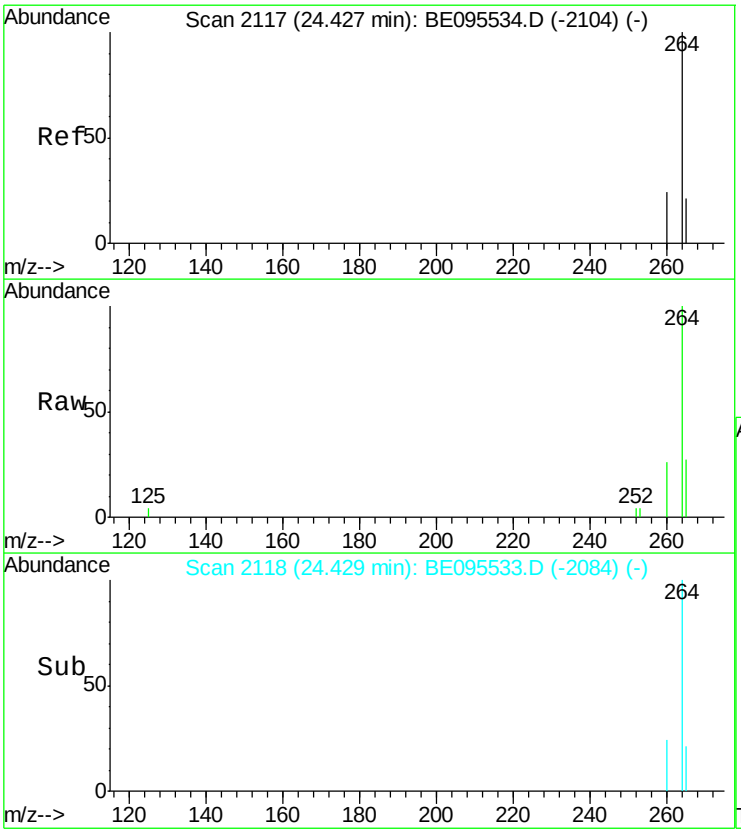
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.218 ng
RT: 27.23 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 3875

Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.5	33.7#
277	24.7	19.9	29.9

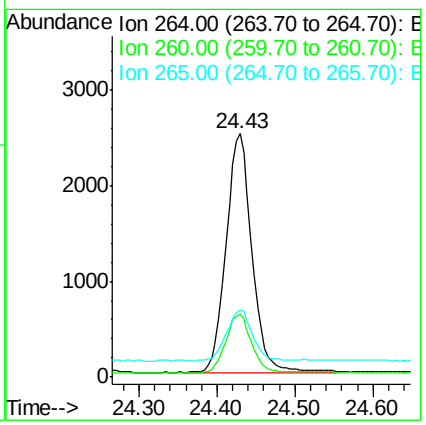


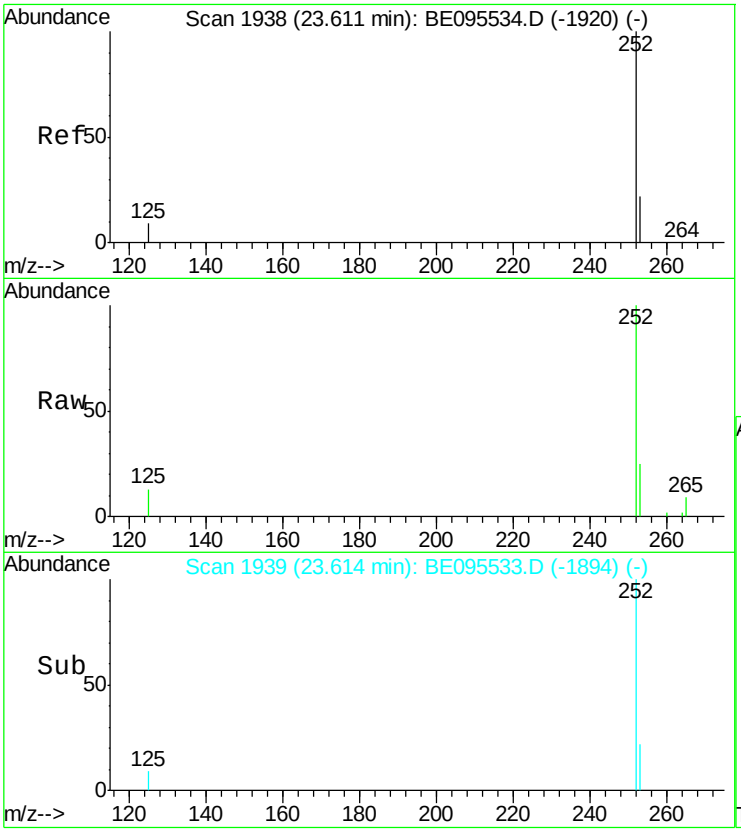


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:264 Resp: 5739

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	27.4	22.8	34.2



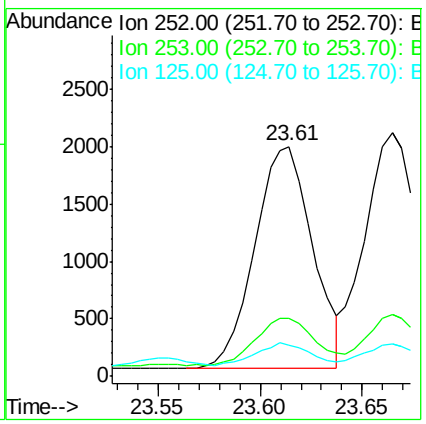


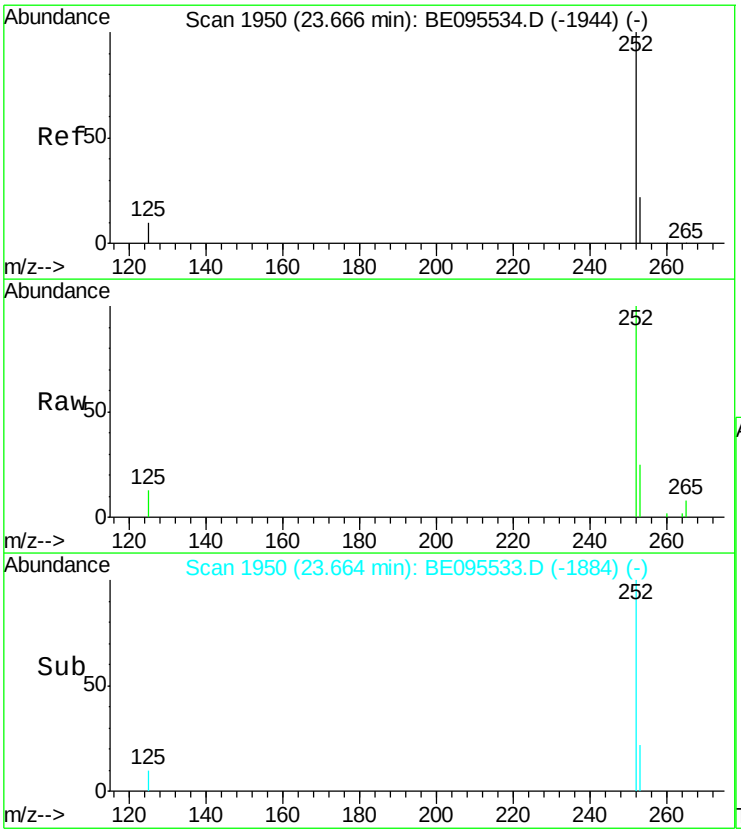
#35
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 23.61 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3789

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.0	30.0
125	13.4	16.0	24.0#

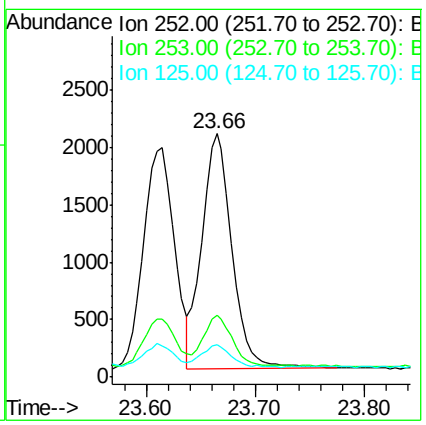


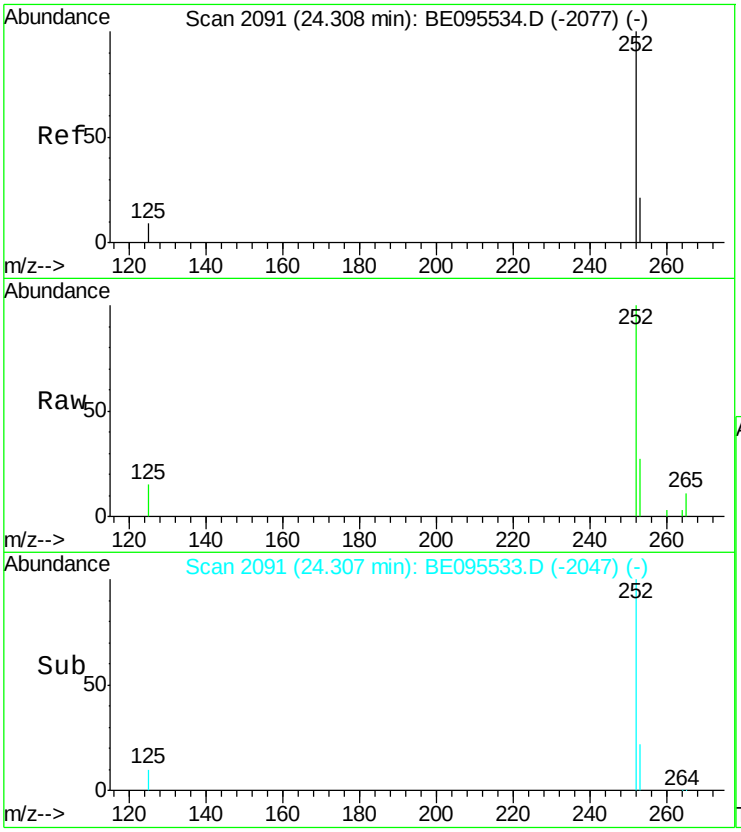


#36
Benzo(k)fluoranthene
Concen: 0.188 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:252 Resp: 3922

Ion	Ratio	Lower	Upper
252	100		
253	25.3	16.0	24.0#
125	13.4	8.0	12.0#



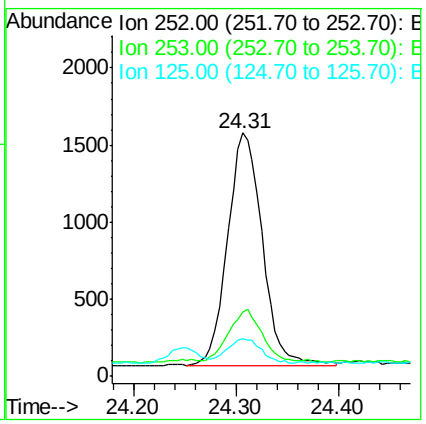


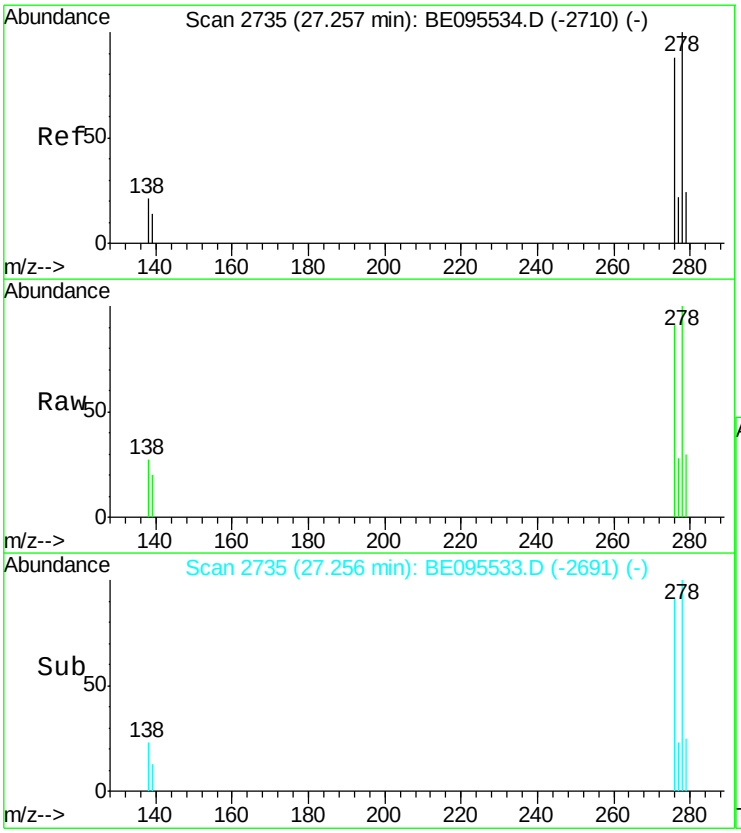
#37
Benzo(a)pyrene
Concen: 0.189 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3532

Ion	Ratio	Lower	Upper
252	100		
253	26.7	16.0	24.0#
125	15.5	12.0	18.0

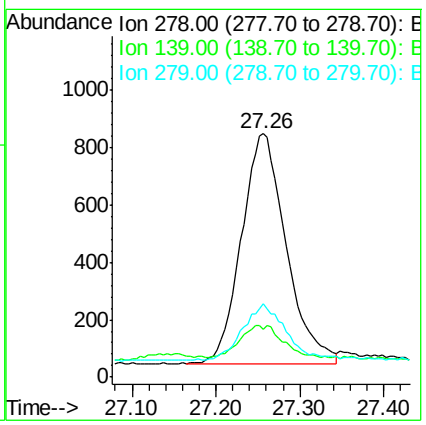


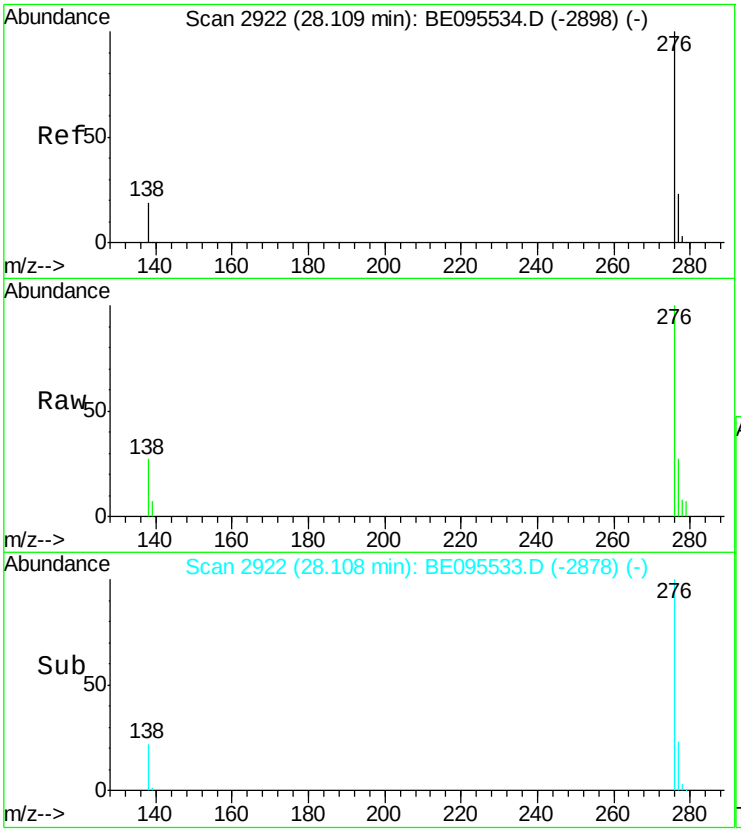


#38
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 27.26 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion:278 Resp: 2954

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.0	24.0
279	30.3	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.197 ng
RT: 28.11 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 3351

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