Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095537.D
Acq On : 6 Feb 2018 19:51
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Feb 06 20:27:23 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	1104	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	4400	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2533	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6037	0.40	ng		0.00
27) Chrysene-d12	21.79	240	6628	0.40	ng		0.00
34) Perylene-d12	24.43	264	5848	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	10672	5.97	ng		0.00
5) Phenol-d6	7.55	99	15325	5.66	ng		-0.01
8) Nitrobenzene-d5	9.61	82	15317	3.83	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	23117	3.17	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	4410	7.18	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	34206	3.07	ng		0.00
25) Fluoranthene-d10	19.69	212	263117	3.47	ng		0.00
29) Terphenyl-d14	20.25	244	45174	3.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	5445	5.015	ng	#	87
3) n-Nitrosodimethylamine	3.99	42	7979	6.160	ng	#	85
6) bis(2-Chloroethyl)ether	7.83	93	13429	5.322	ng		97
9) Naphthalene	11.33	128	159707	3.172	ng		99
10) Hexachlorobutadiene	11.58	225	9088	4.026	ng		92
12) 2-Methylnaphthalene	12.88	142	27605	3.198	ng		97
16) Acenaphthylene	14.73	152	48020	3.541	ng		99
17) Acenaphthene	15.06	154	29342	3.326	ng		98
18) Fluorene	16.04	166	37302	3.385	ng	#	78
20) 4-Bromophenyl-phenylether	16.91	248	11838	3.332	ng	#	64
21) Hexachlorobenzene	17.03	284	11929	3.345	ng	#	82
22) Pentachlorophenol	17.35	266	4829	5.847	ng	#	71
23) Phenanthrene	17.74	178	59890	3.210	ng		99
24) Anthracene	17.83	178	58654	3.527	ng		95
26) Fluoranthene	19.72	202	77761	3.472	ng		98
28) Pyrene	20.06	202	85124	3.038	ng		95
30) Benzo(a)anthracene	21.78	228	69626	3.358	ng		98
31) Chrysene	21.84	228	68245	3.256	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	167594	5.812	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	68072	3.571	ng		95
35) Benzo(b)fluoranthene	23.61	252	65856	3.175	ng	#	87
36) Benzo(k)fluoranthene	23.67	252	67802	3.193	ng		97
37) Benzo(a)pyrene	24.31	252	61123	3.214	ng	#	93
38) Dibenzo(a,h)anthracene	27.26	278	56261	3.513	ng	#	94
39) Benzo(g,h,i)perylene	28.11	276	56628	3.262	ng		91

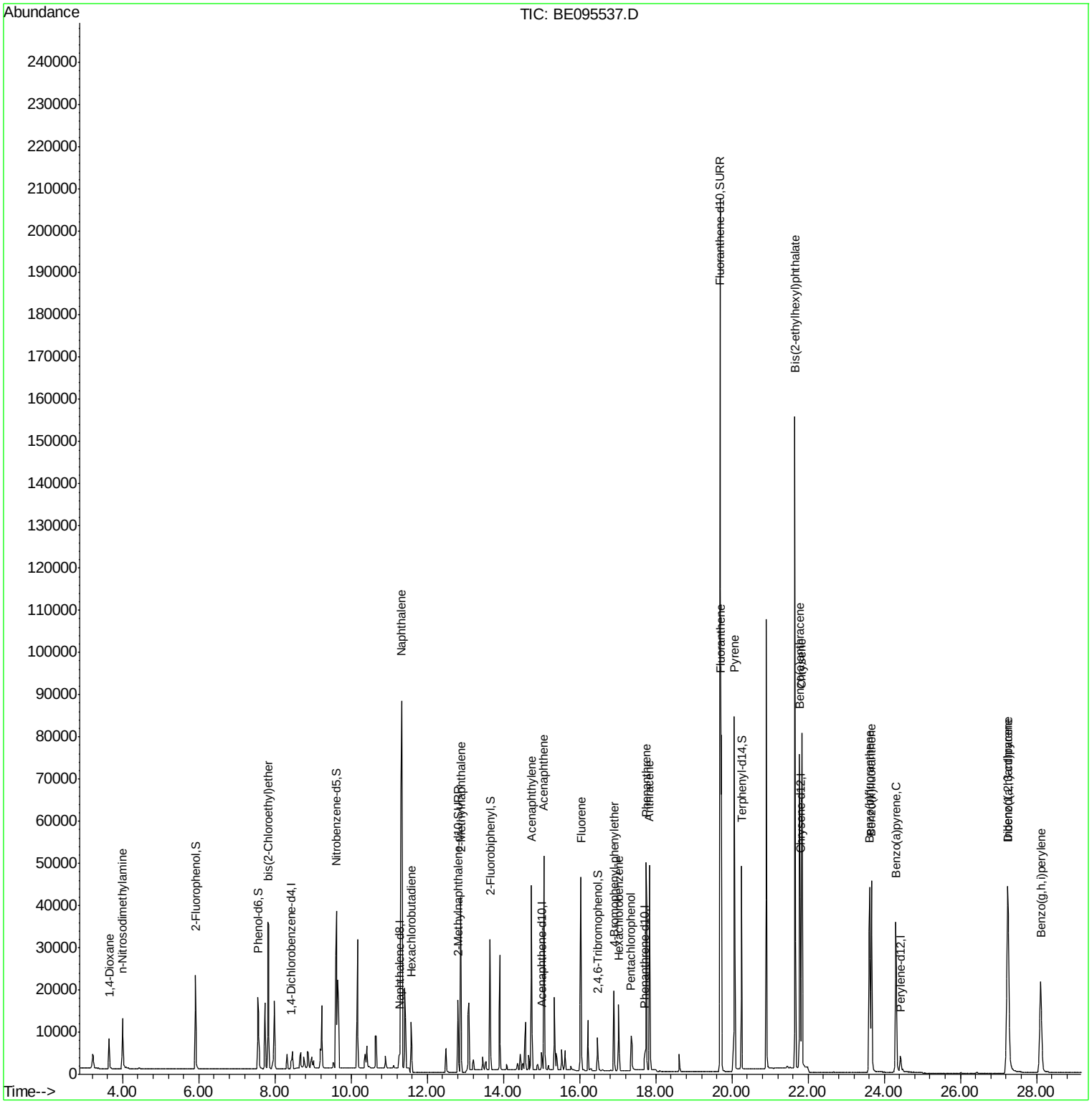
(#) = qualifier out of range (m) = manual integration (+) = signals summed

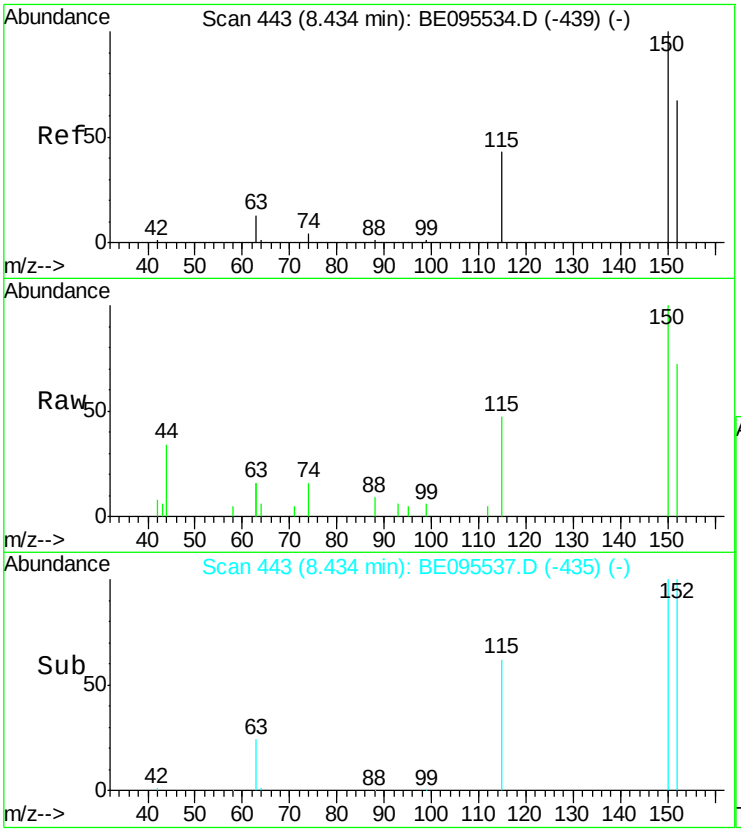
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095537.D
Acq On : 6 Feb 2018 19:51
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Feb 06 20:27:23 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



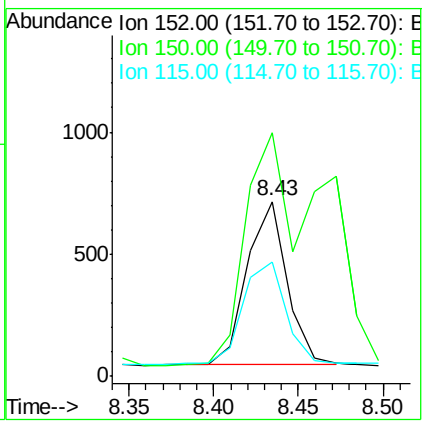


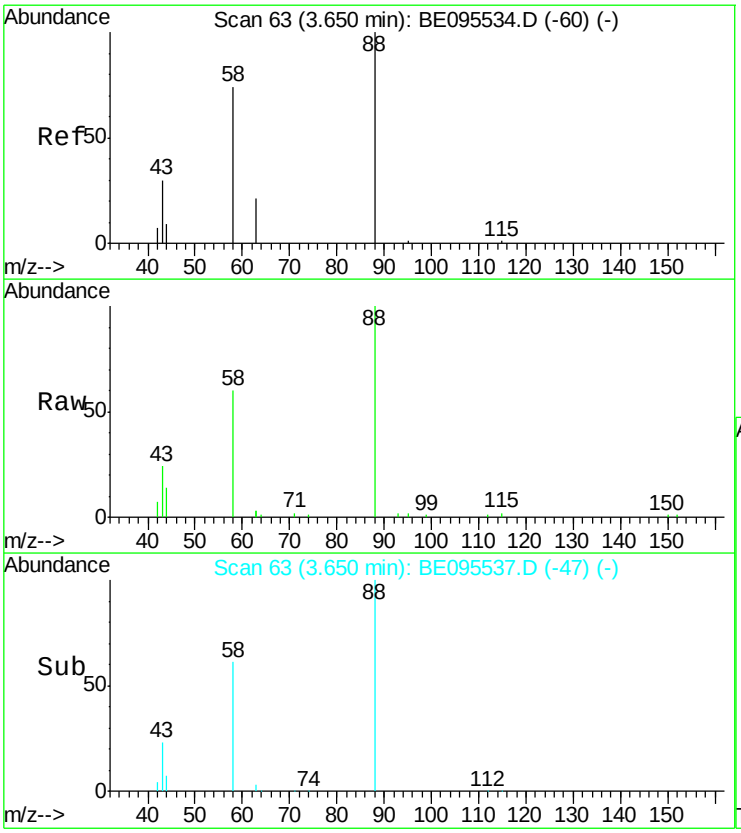
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1104

Ion	Ratio	Lower	Upper
152	100		
150	139.4	117.2	175.8
115	65.2	57.0	85.6

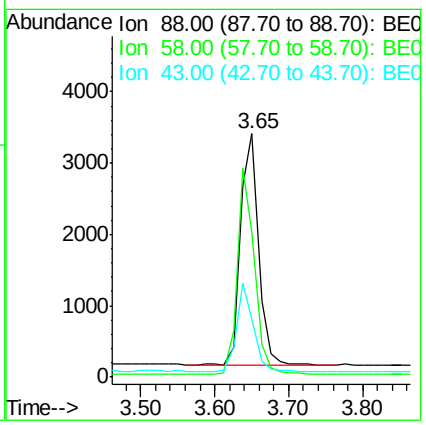


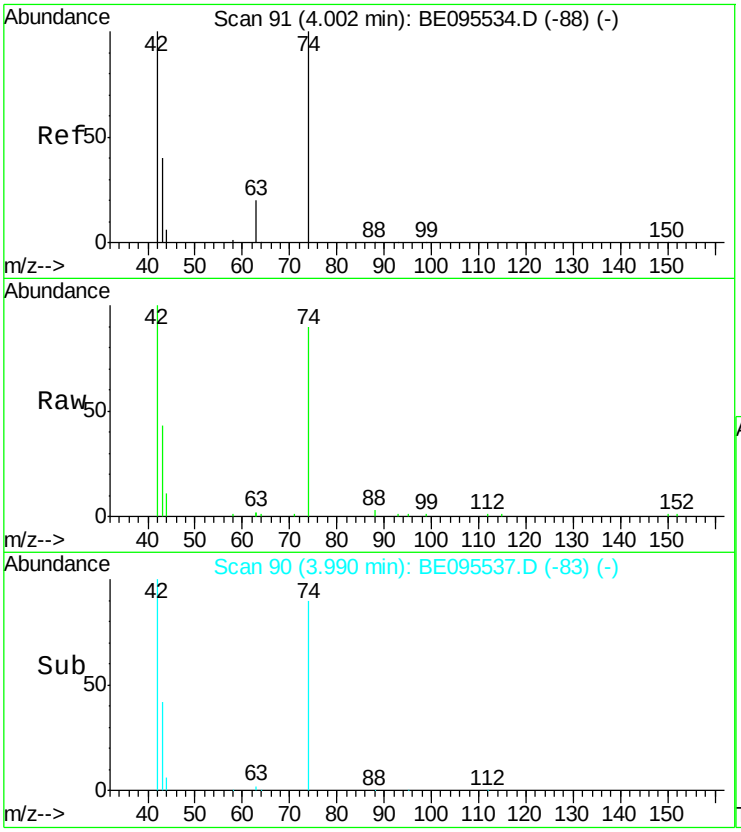


#2
1,4-Dioxane
Concen: 5.015 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion: 88 Resp: 5445

Ion	Ratio	Lower	Upper
88	100		
58	83.9	63.2	94.8
43	34.8	41.2	61.8#



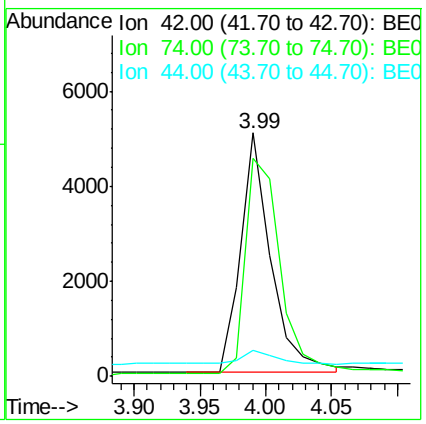


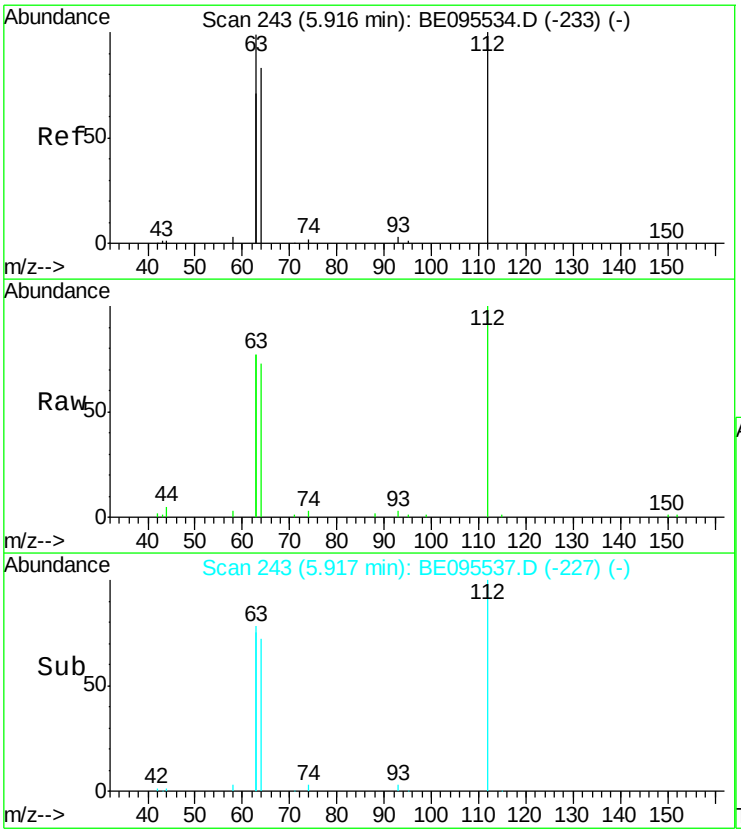
#3
n-Nitrosodimethylamine
Concen: 6.160 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 7979

Ion	Ratio	Lower	Upper
42	100		
74	104.7	96.0	144.0
44	6.1	12.0	18.0#

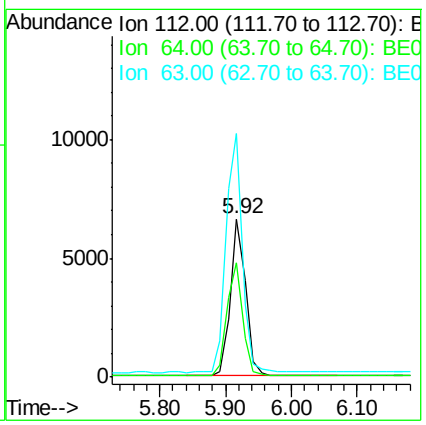


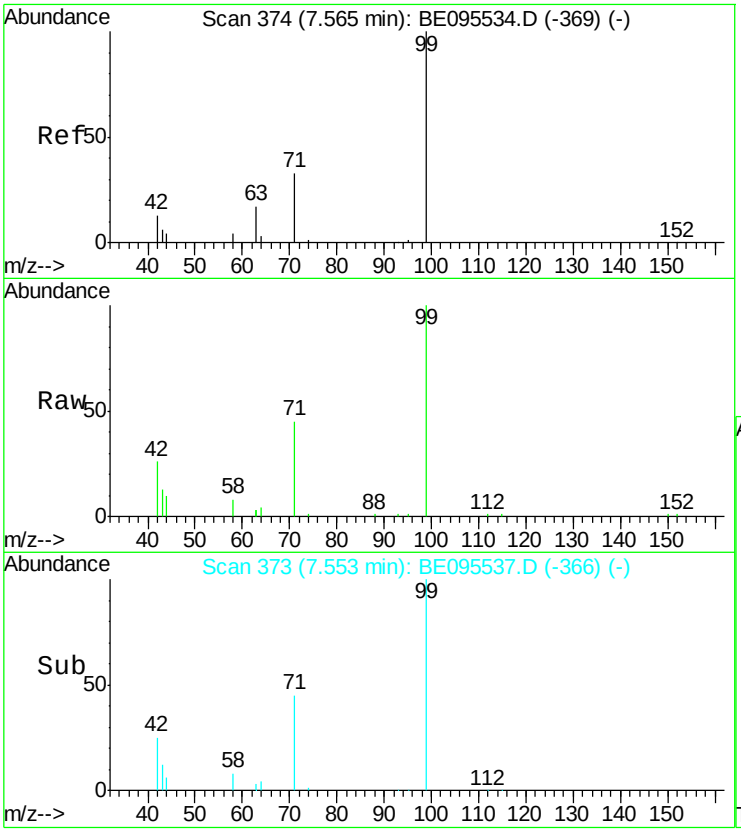


#4
2-Fluorophenol
Concen: 5.972 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:112 Resp: 10672

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	161.8	116.8	175.2



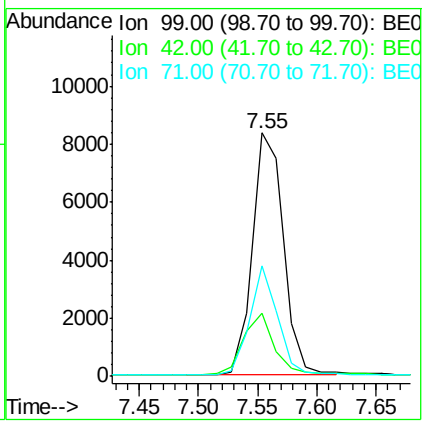


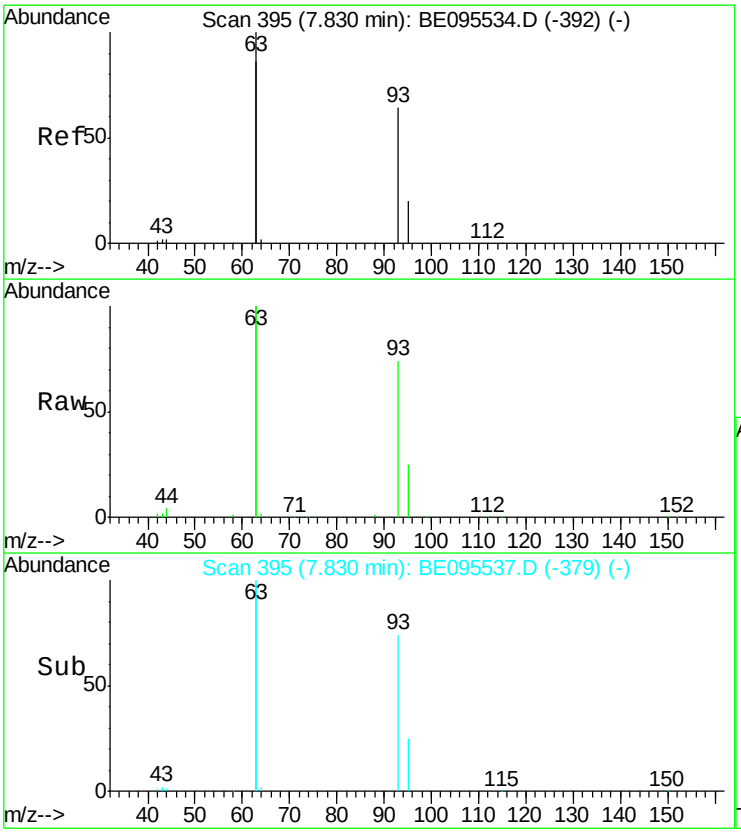
#5
Phenol-d6
Concen: 5.657 ng
RT: 7.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 15325

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.2	30.2
71	40.0	28.4	42.6

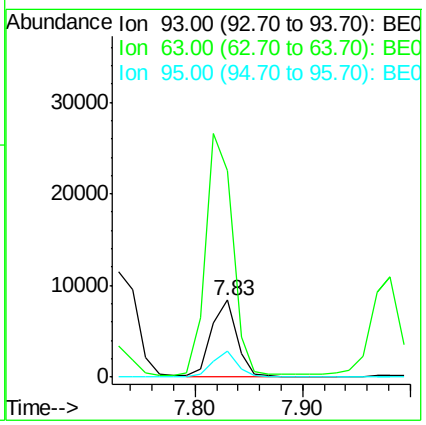


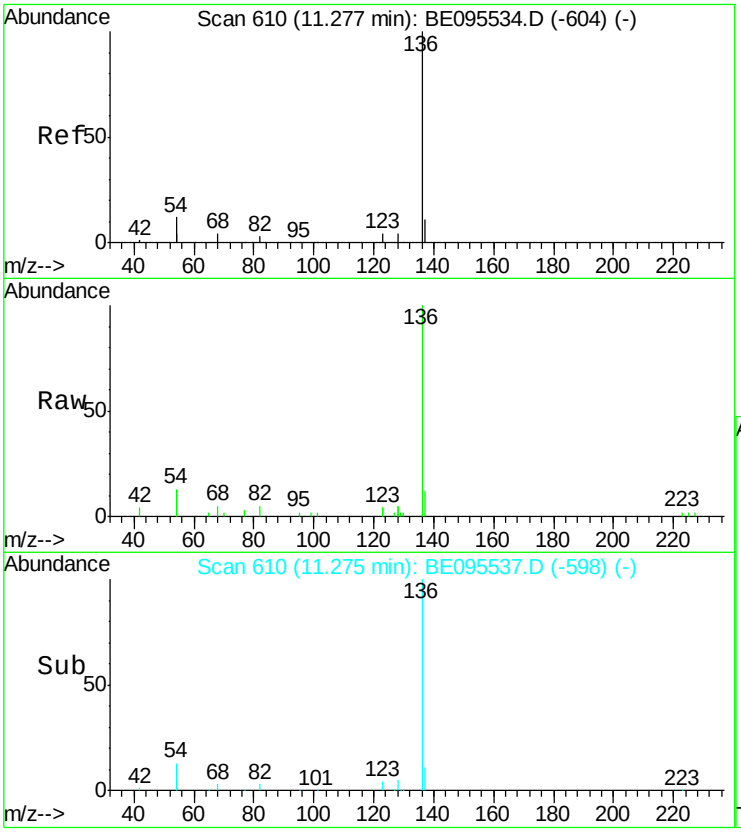


#6
bis(2-Chloroethyl)ether
Concen: 5.322 ng
RT: 7.83 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion: 93 Resp: 13429

Ion	Ratio	Lower	Upper
93	100		
63	338.0	275.3	412.9
95	32.3	25.2	37.8



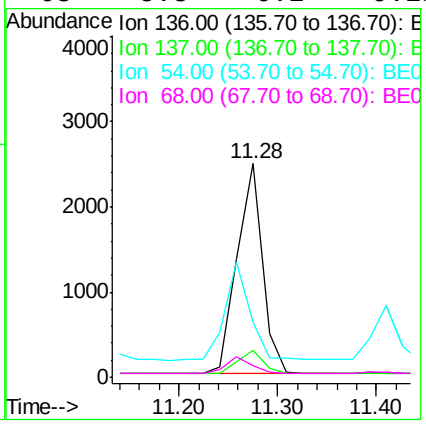


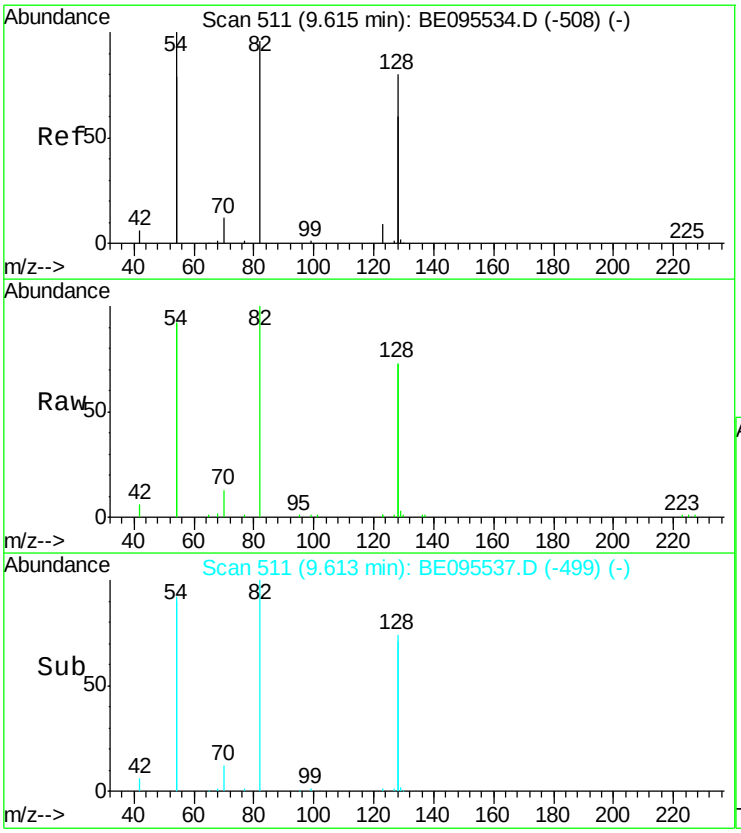
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 4400

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	25.5	29.1	43.7#
68	5.3	6.2	9.2#

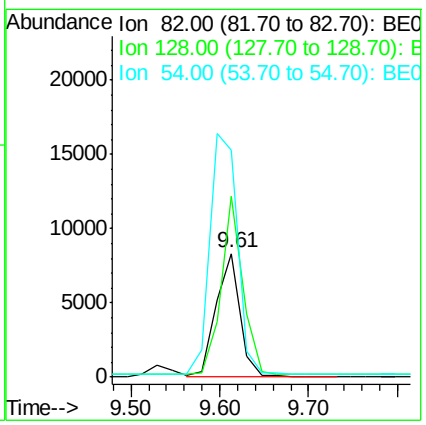


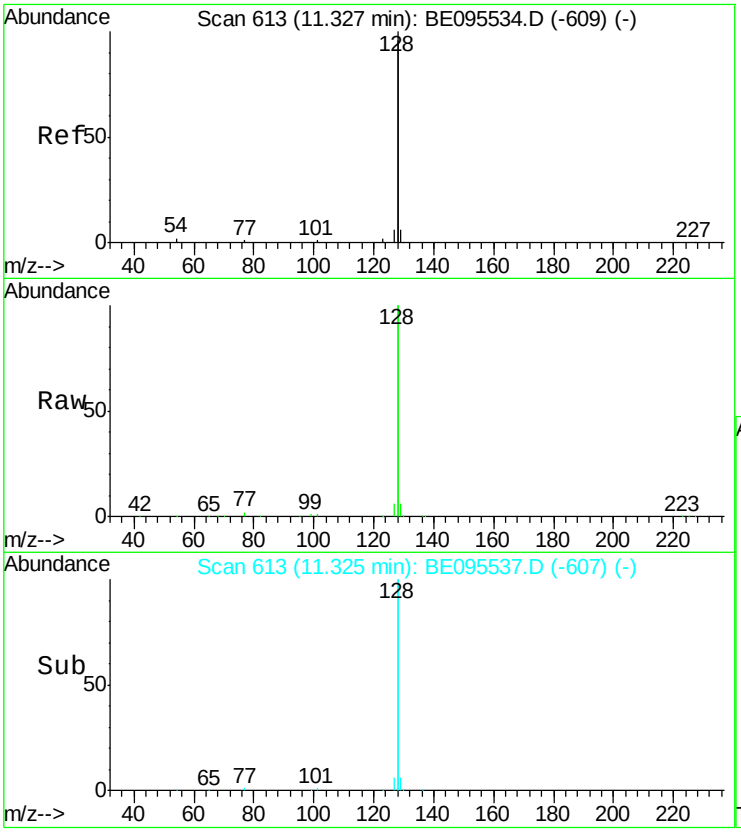


#8
Nitrobenzene-d5
Concen: 3.825 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion: 82 Resp: 15317

Ion	Ratio	Lower	Upper
82	100		
128	146.3	150.0	225.0#
54	183.3	154.2	231.4



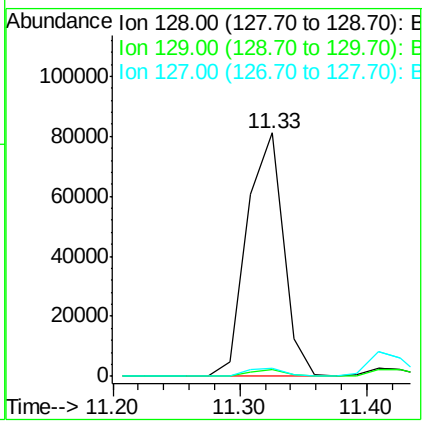


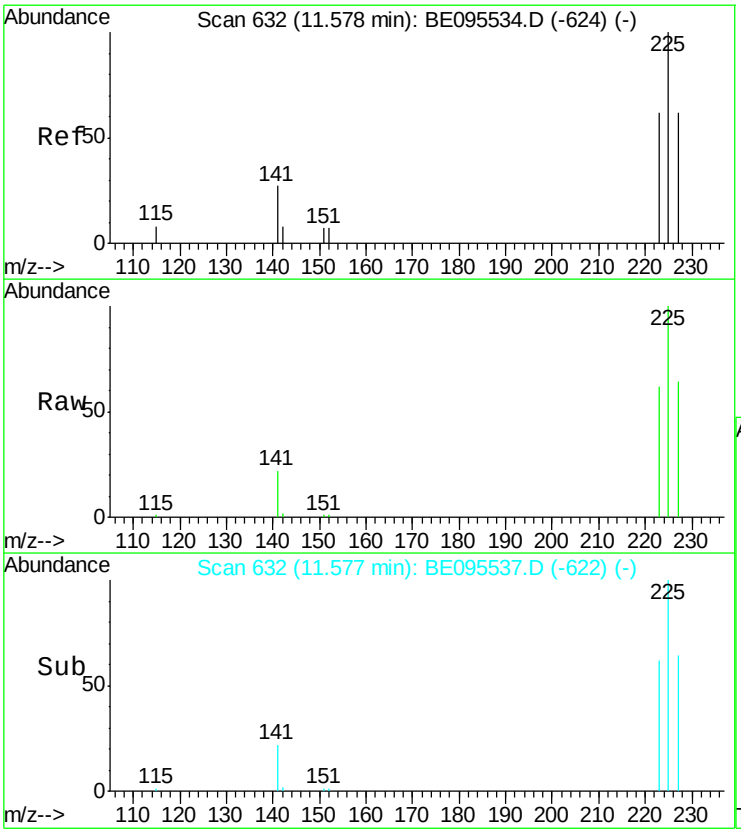
#9
Naphthalene
Concen: 3.172 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 159707

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.1	2.8	4.2

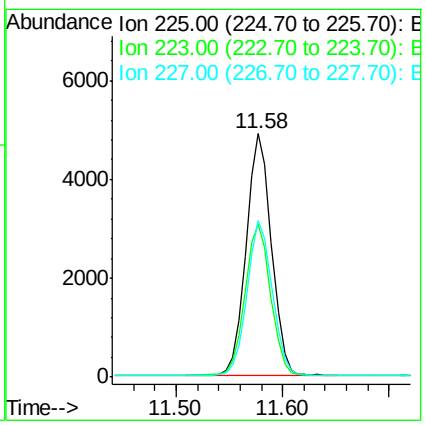


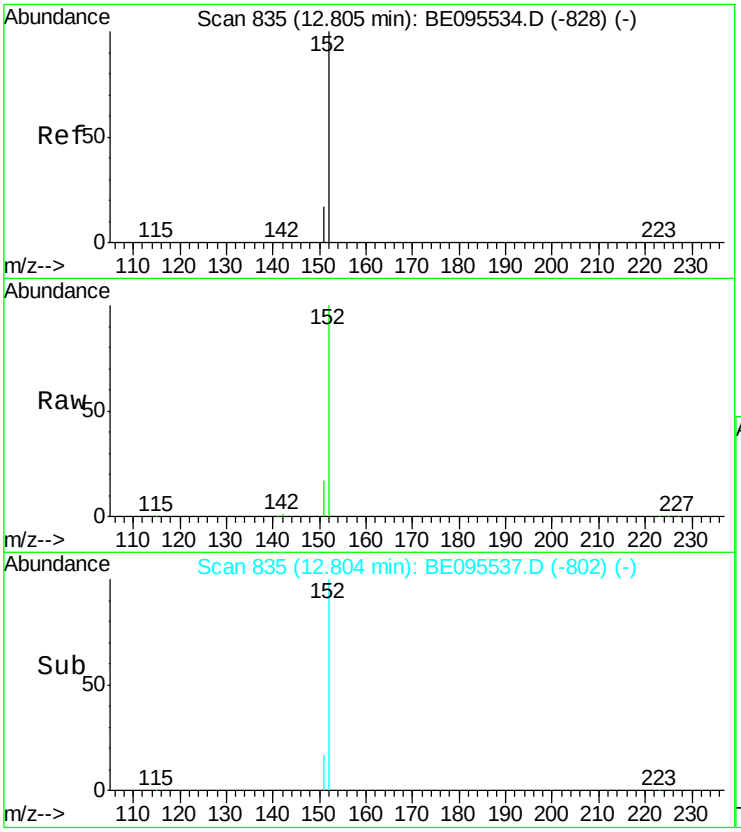


#10
Hexachlorobutadiene
Concen: 4.026 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:225 Resp: 9088

Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.0	79.6
227	54.9	51.4	77.2



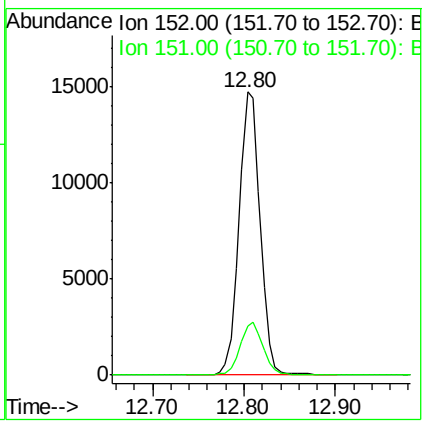


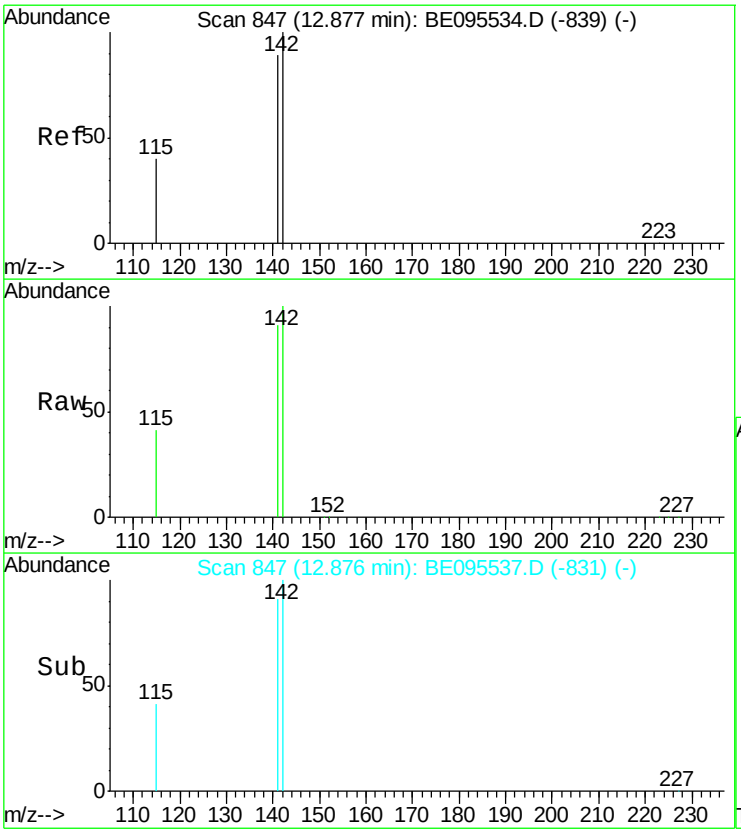
#11
2-Methylnaphthalene-d10
Concen: 3.165 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 23117

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

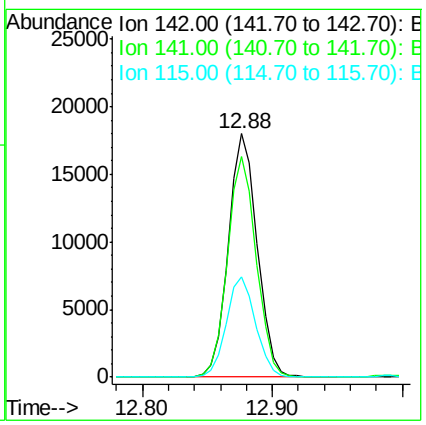


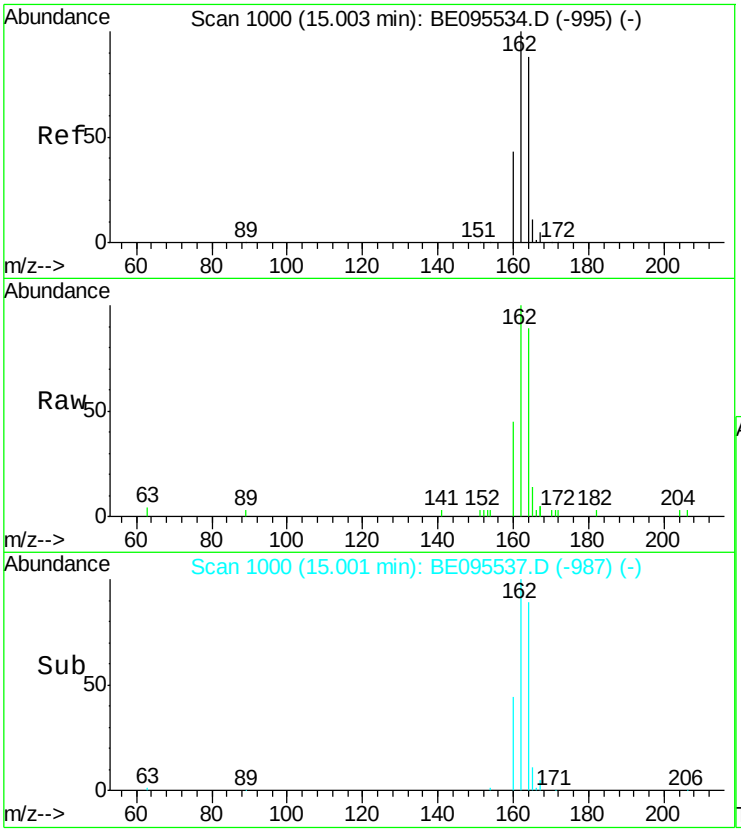


#12
2-Methylnaphthalene
Concen: 3.198 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:142 Resp: 27605

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.4	105.6
115	41.3	31.7	47.5



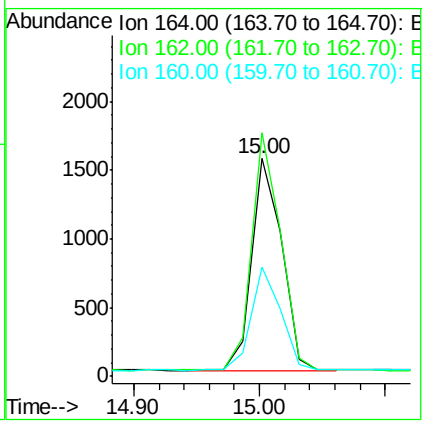


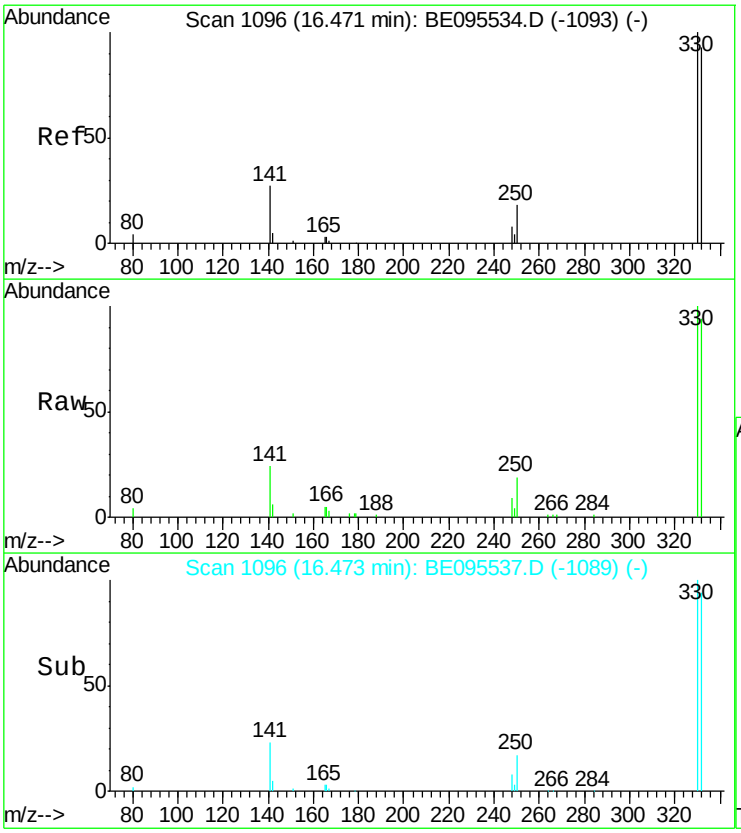
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 2533

Ion	Ratio	Lower	Upper
164	100		
162	111.9	83.1	124.7
160	50.3	37.1	55.7

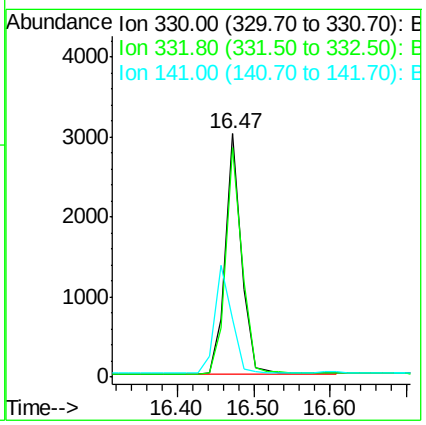


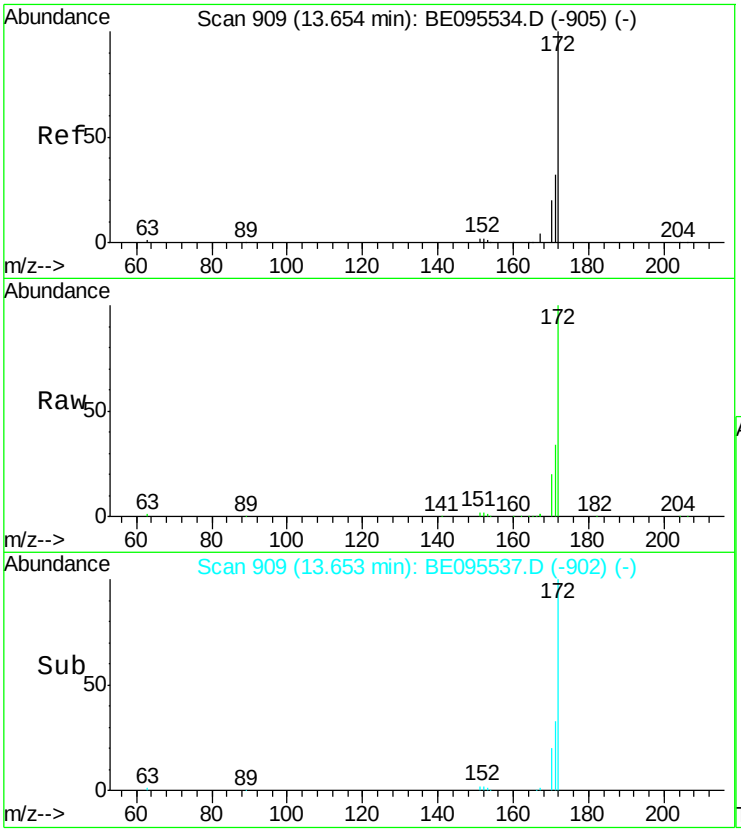


#14
2,4,6-Tribromophenol
Concen: 7.179 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:330 Resp: 4410

Ion	Ratio	Lower	Upper
330	100		
332	95.9	152.7	229.1#
141	47.9	33.7	50.5



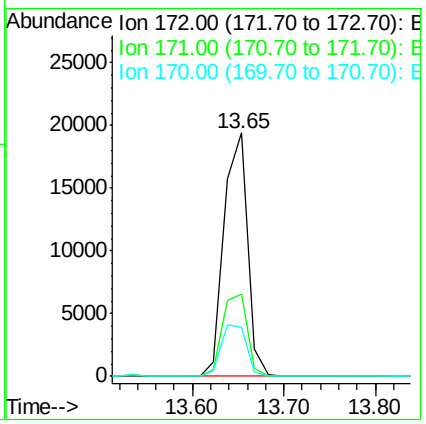


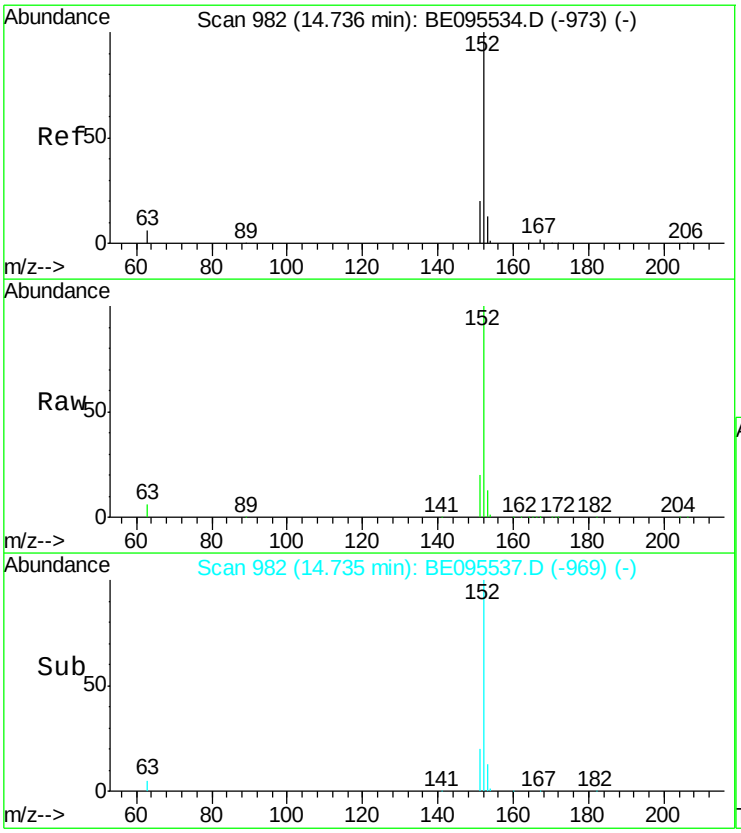
#15
2-Fluorobiphenyl
Concen: 3.073 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 34206

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	20.3	21.8	32.8#

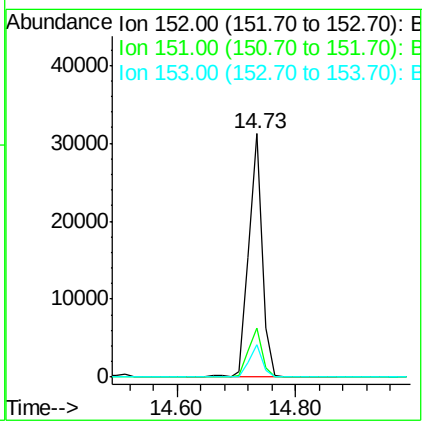


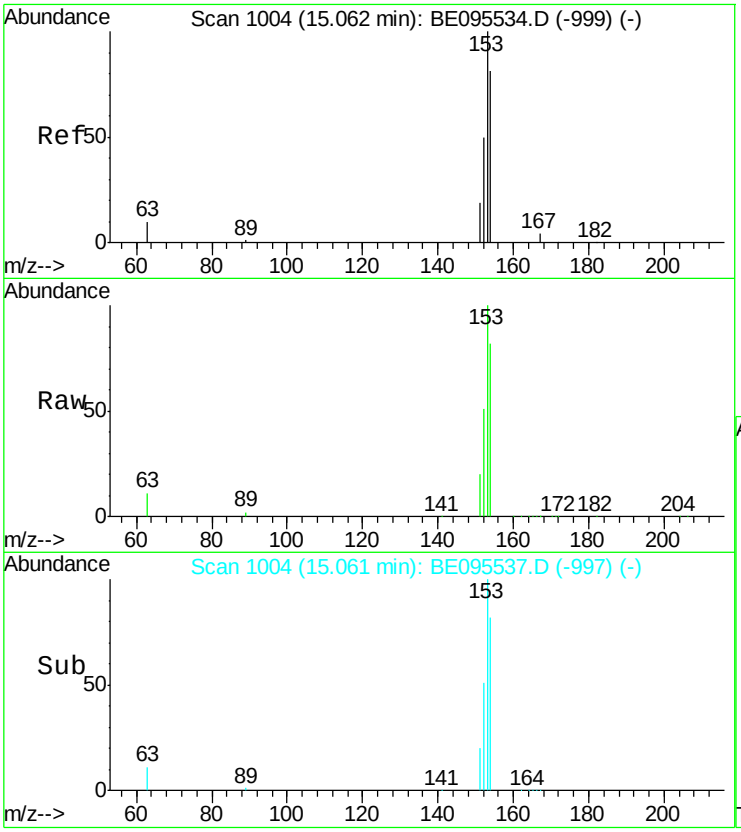


#16
Acenaphthylene
Concen: 3.541 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:152 Resp: 48020

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.9	10.5	15.7



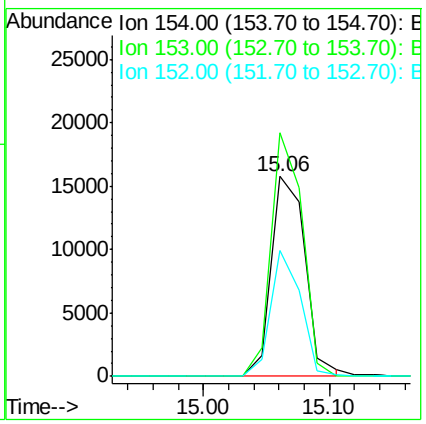


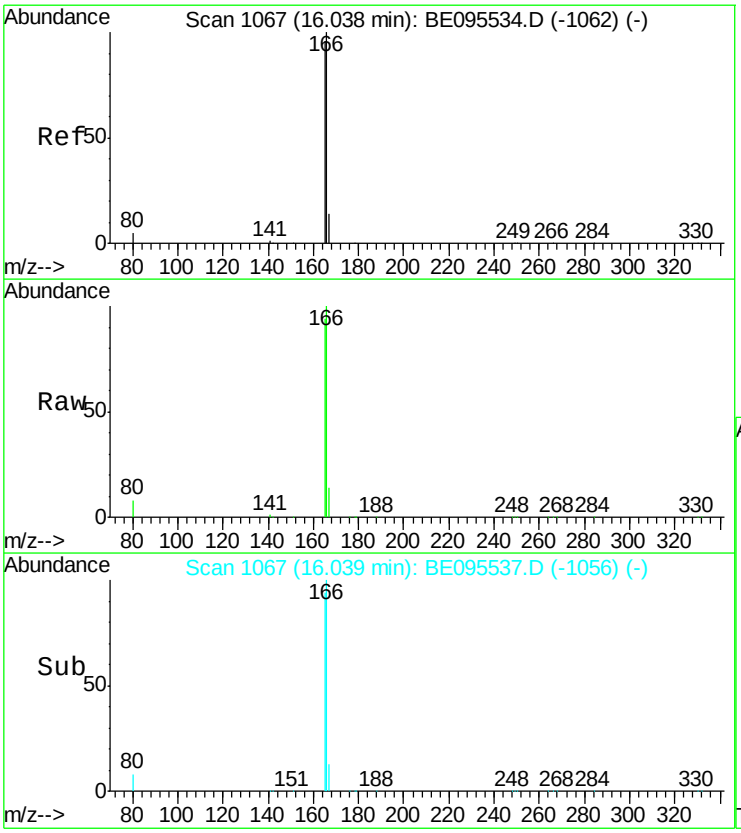
#17
Acenaphthene
Concen: 3.326 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 29342

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.2	133.8
152	55.5	42.0	63.0

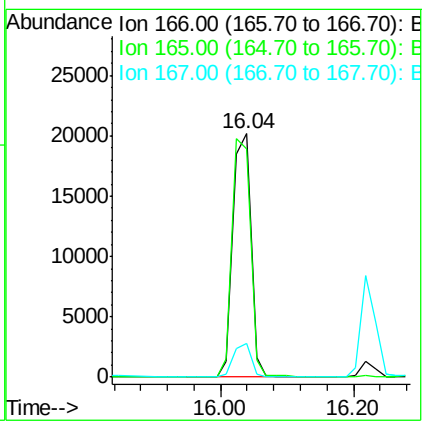


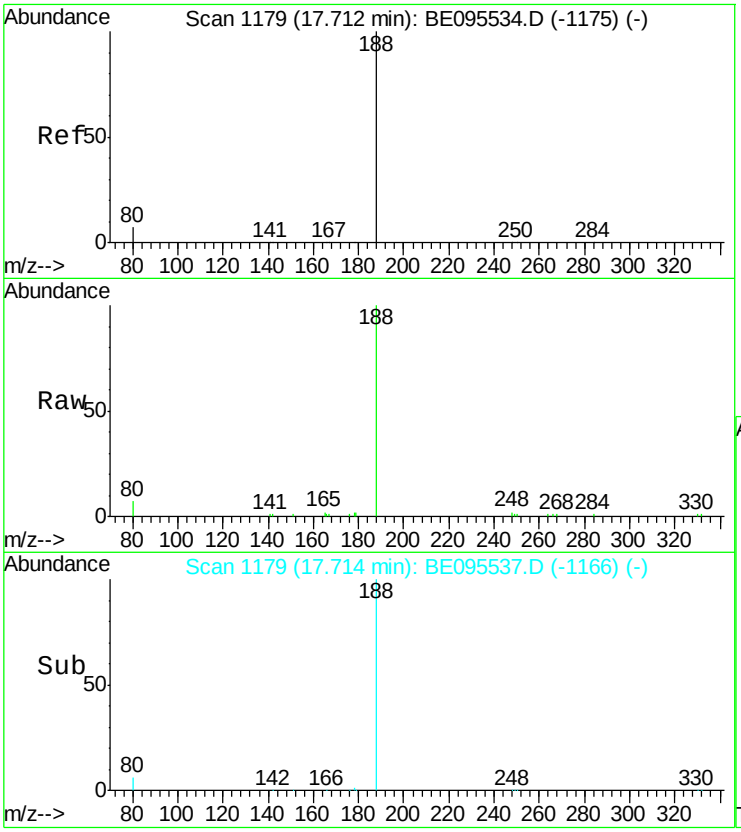


#18
Fluorene
Concen: 3.385 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:166 Resp: 37302

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.6
167	13.3	42.4	63.6#



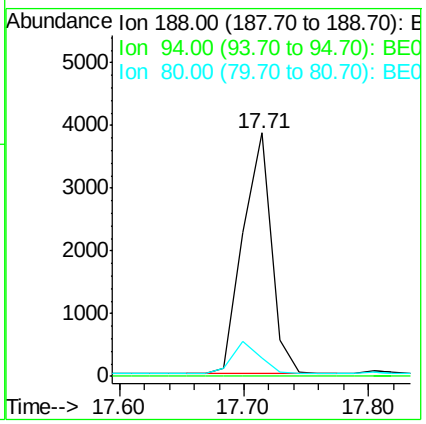


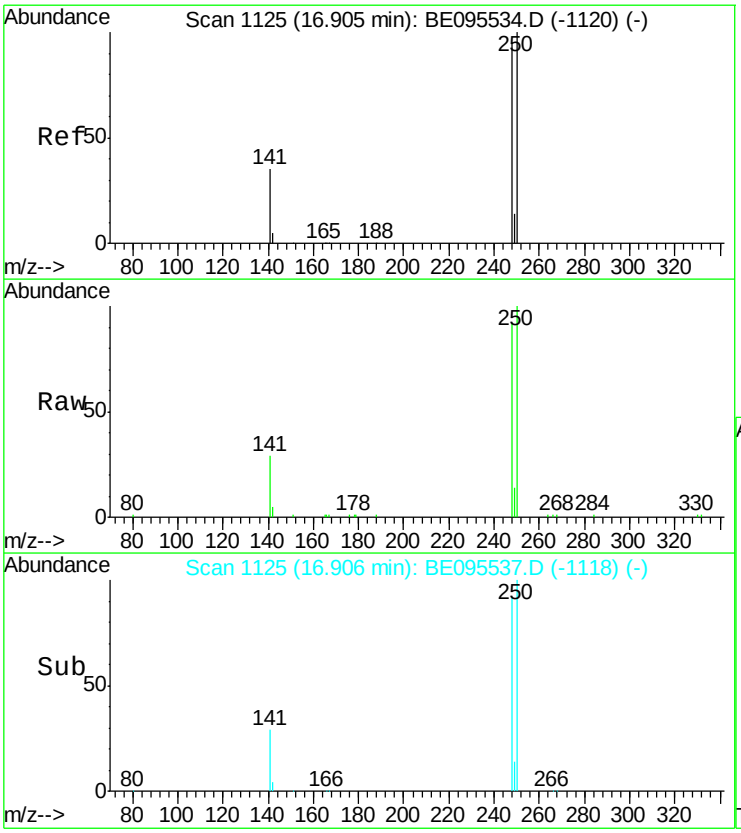
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 6037

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.5	3.6	5.4#

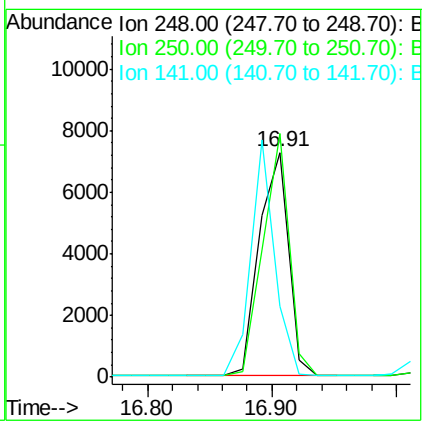


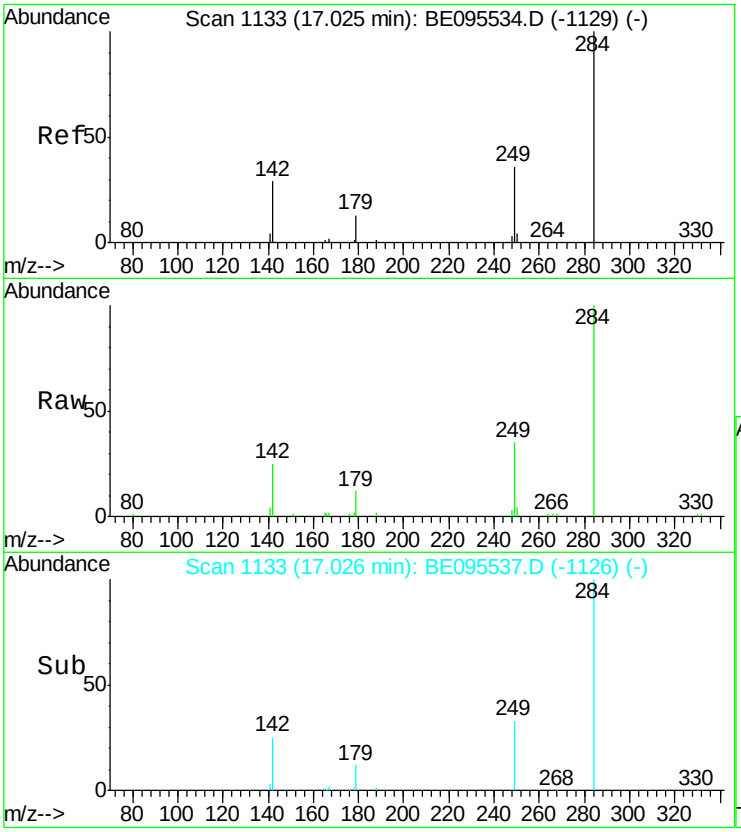


#20
4-Bromophenyl-phenylether
Concen: 3.332 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:248 Resp: 11838

Ion	Ratio	Lower	Upper
248	100		
250	108.4	62.7	94.1#
141	31.8	48.2	72.2#



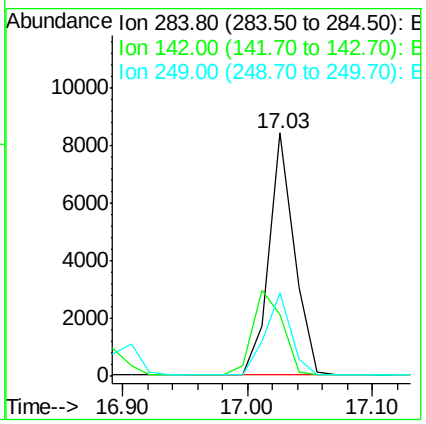


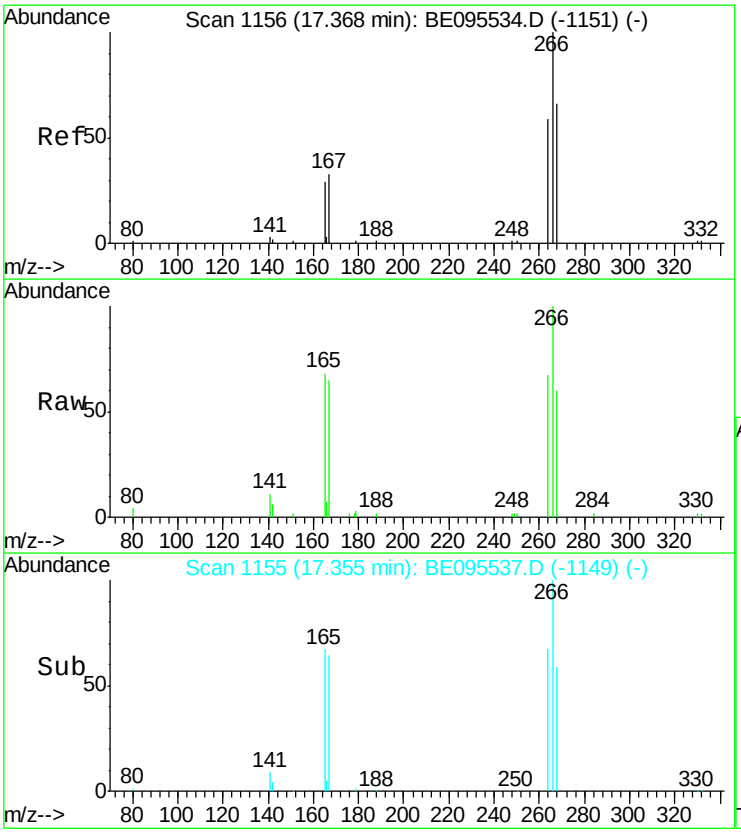
#21
Hexachlorobenzene
Concen: 3.345 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 11929

Ion	Ratio	Lower	Upper
284	100		
142	40.9	22.1	33.1#
249	34.9	34.8	52.2

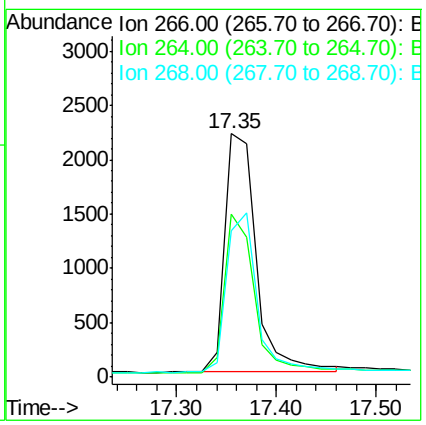


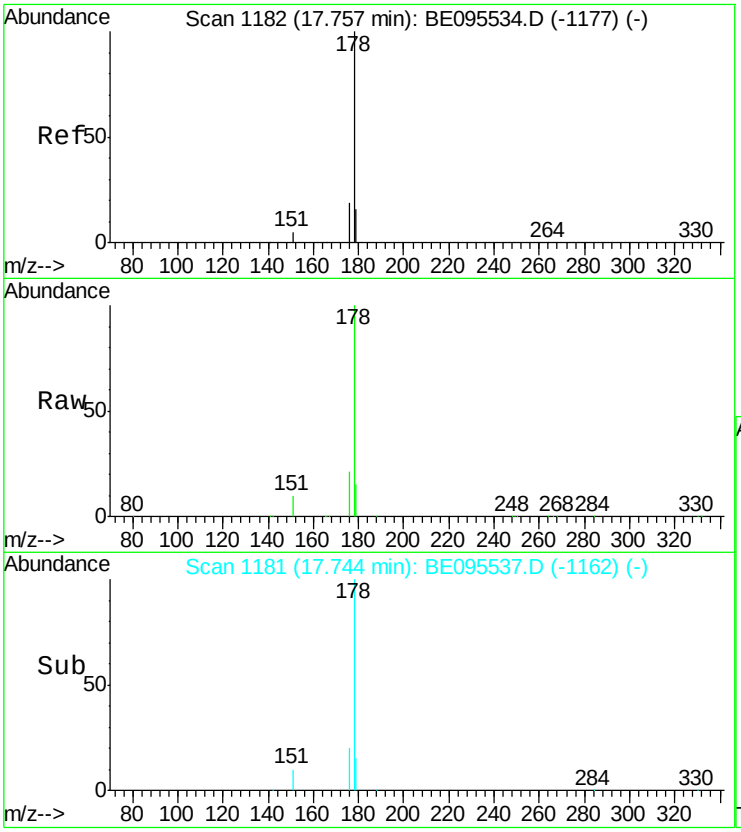


#22
Pentachlorophenol
Concen: 5.847 ng
RT: 17.35 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:266 Resp: 4829

Ion	Ratio	Lower	Upper
266	100		
264	67.2	72.5	108.7#
268	60.1	73.8	110.6#



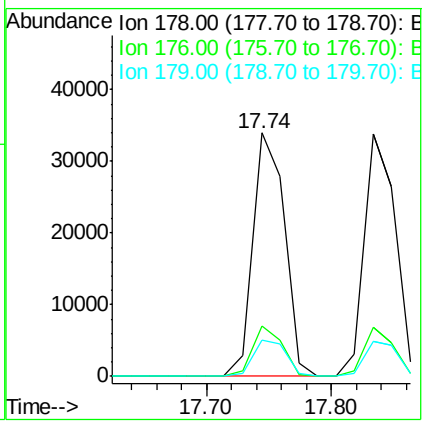


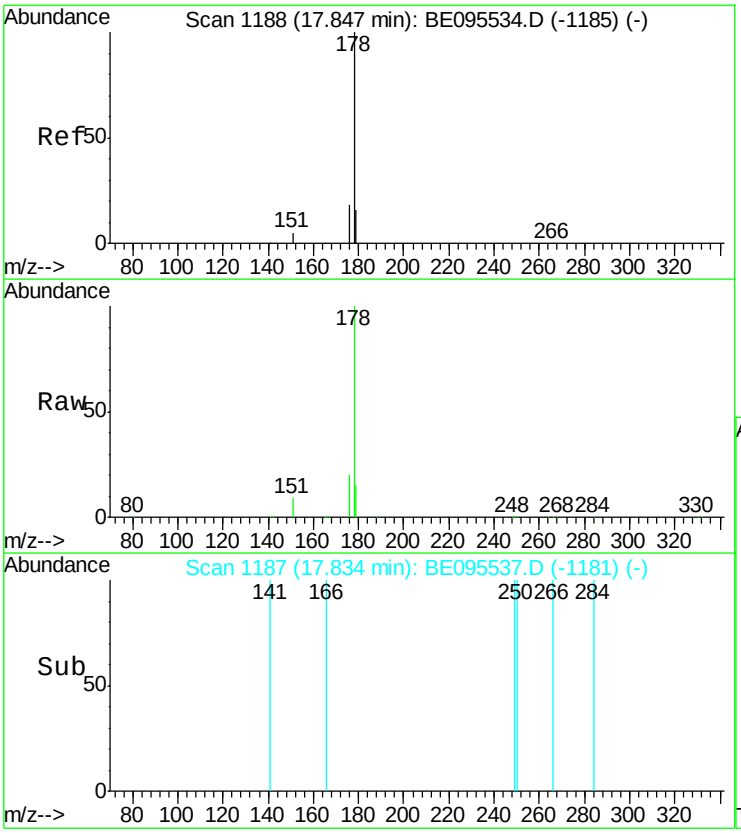
#23
Phenanthrene
Concen: 3.210 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 59890

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.1	11.8	17.6

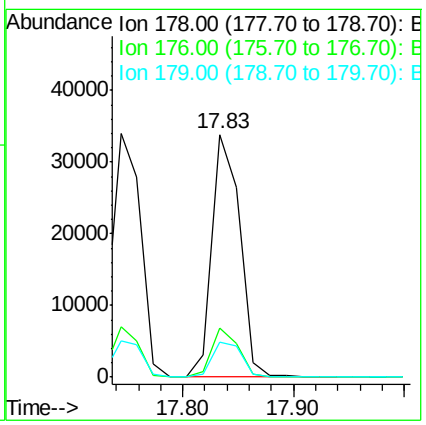


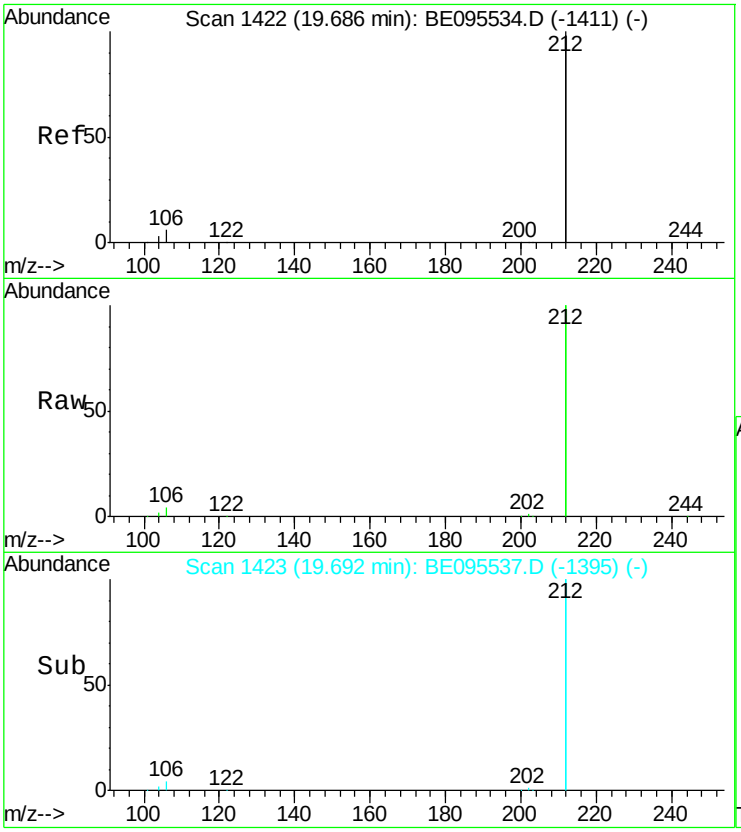


#24
Anthracene
Concen: 3.527 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:178 Resp: 58654

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



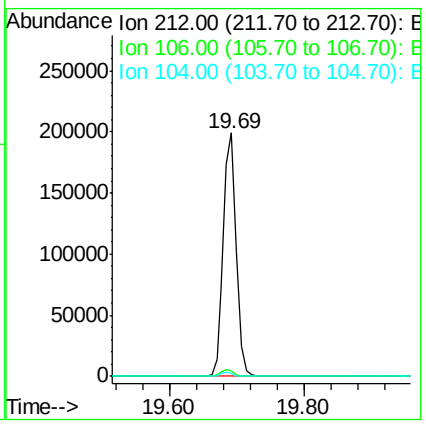


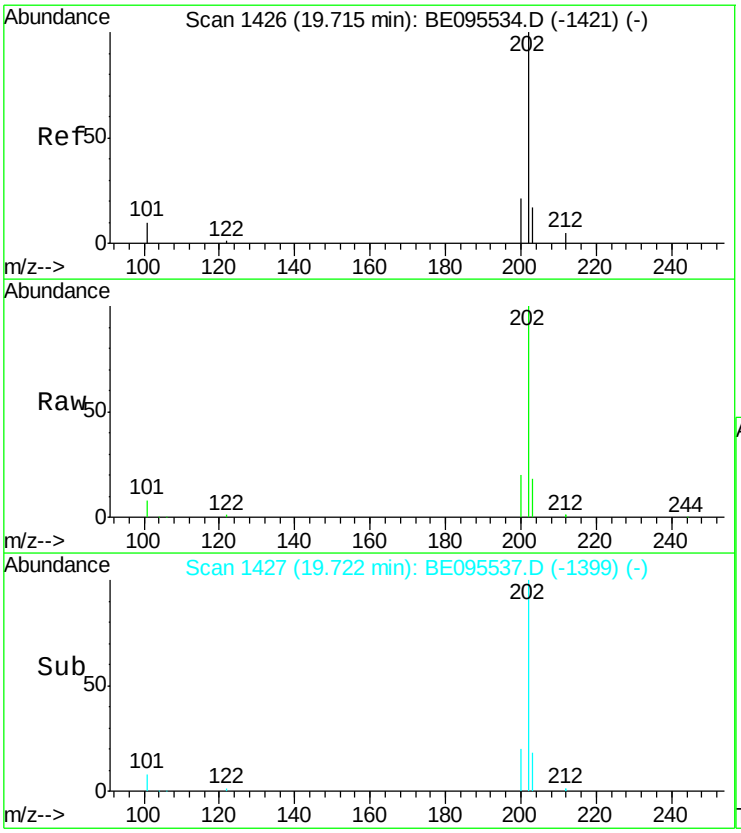
#25
Fluoranthene-d10
Concen: 3.465 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 263117

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

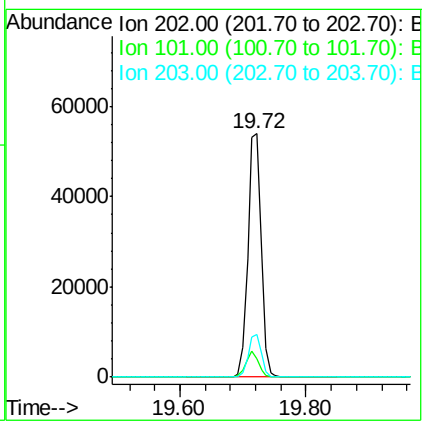


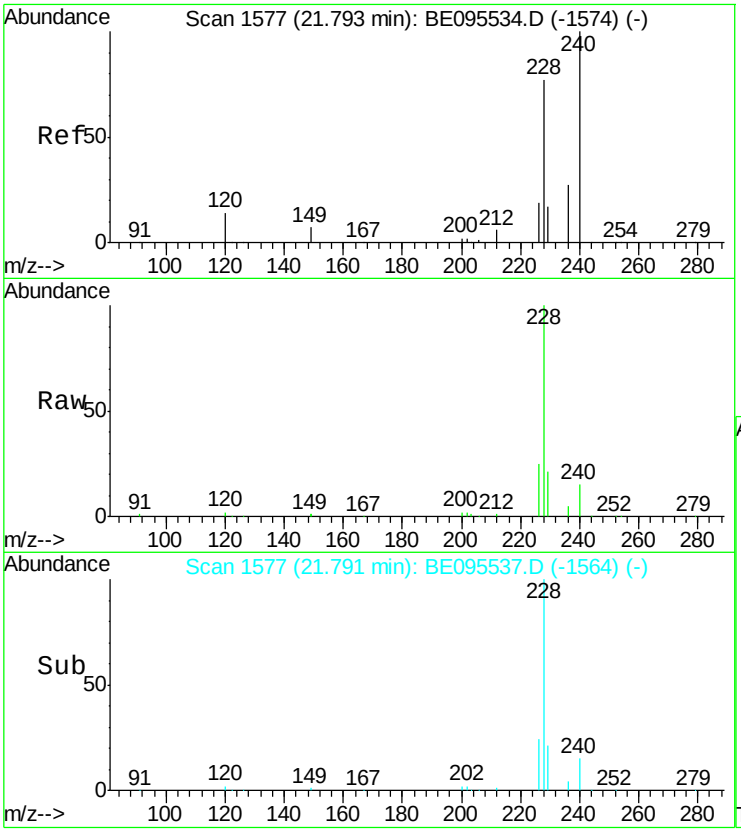


#26
Fluoranthene
Concen: 3.472 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:202 Resp: 77761

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.8	14.8
203	17.2	13.7	20.5



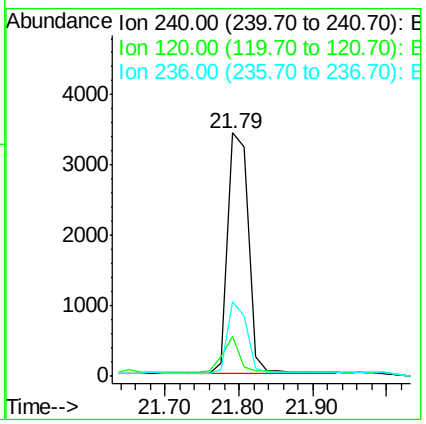


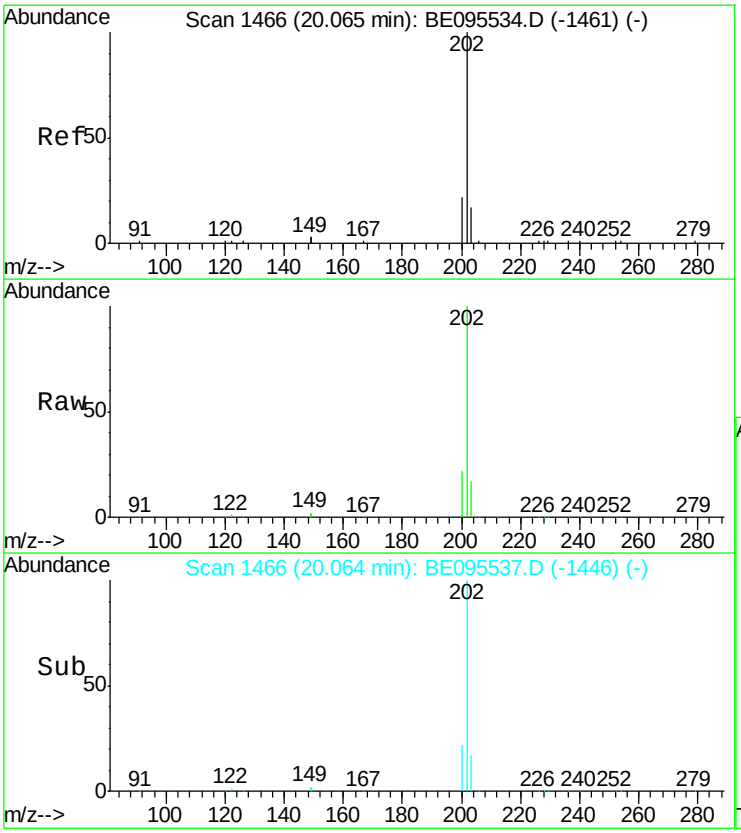
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 6628

Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.5	8.3#
236	30.5	20.7	31.1

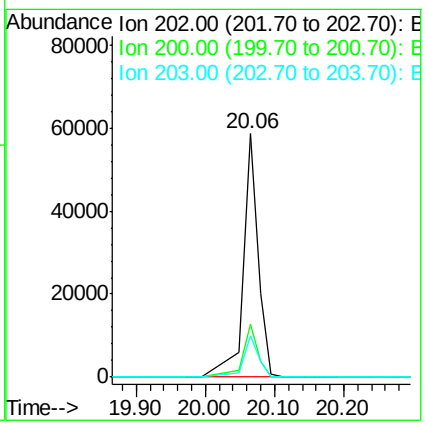


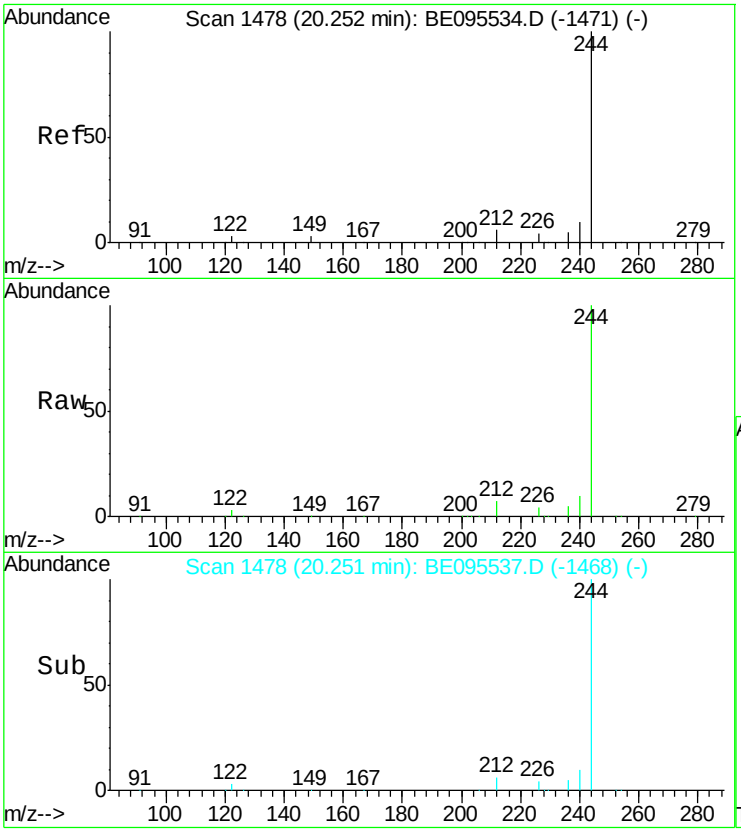


#28
Pyrene
Concen: 3.038 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:202 Resp: 85124

Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.6	25.0
203	18.9	13.8	20.8



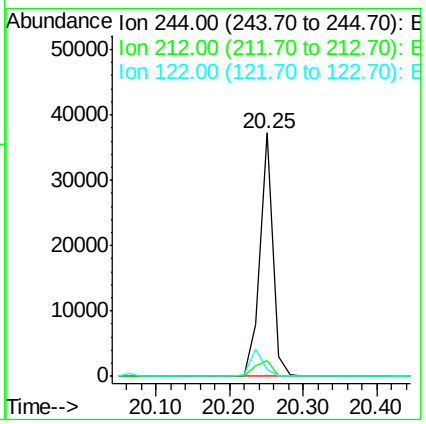


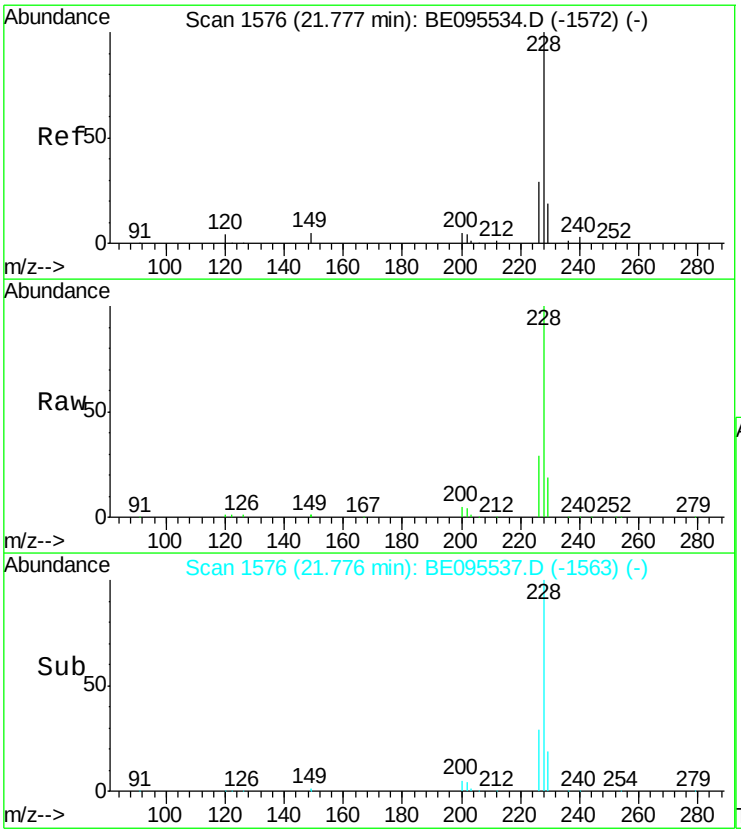
#29
Terphenyl-d14
Concen: 3.330 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 45174

Ion	Ratio	Lower	Upper
244	100		
212	6.6	25.4	38.0#
122	2.9	8.1	12.1#

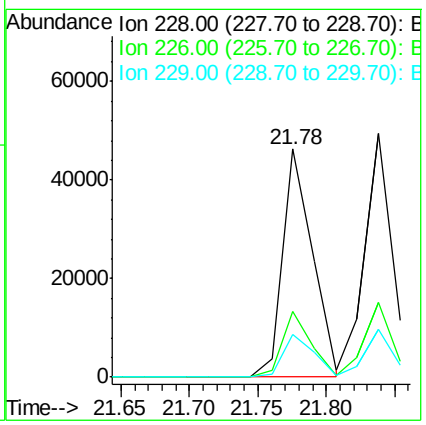


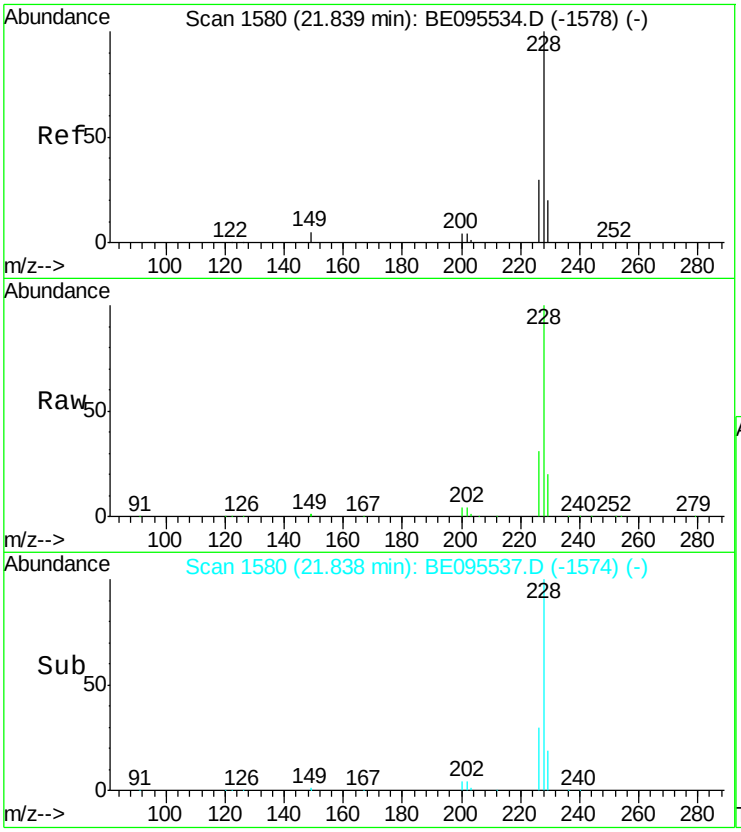


#30
Benzo(a)anthracene
Concen: 3.358 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:228 Resp: 69626

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	18.7	16.0	24.0



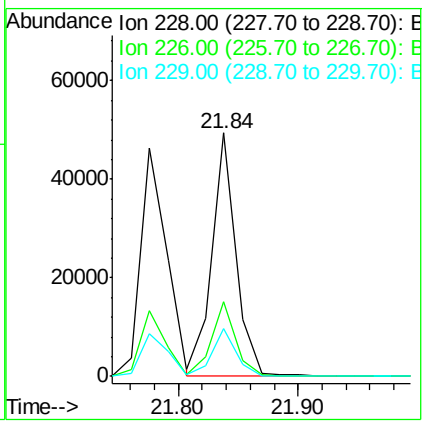


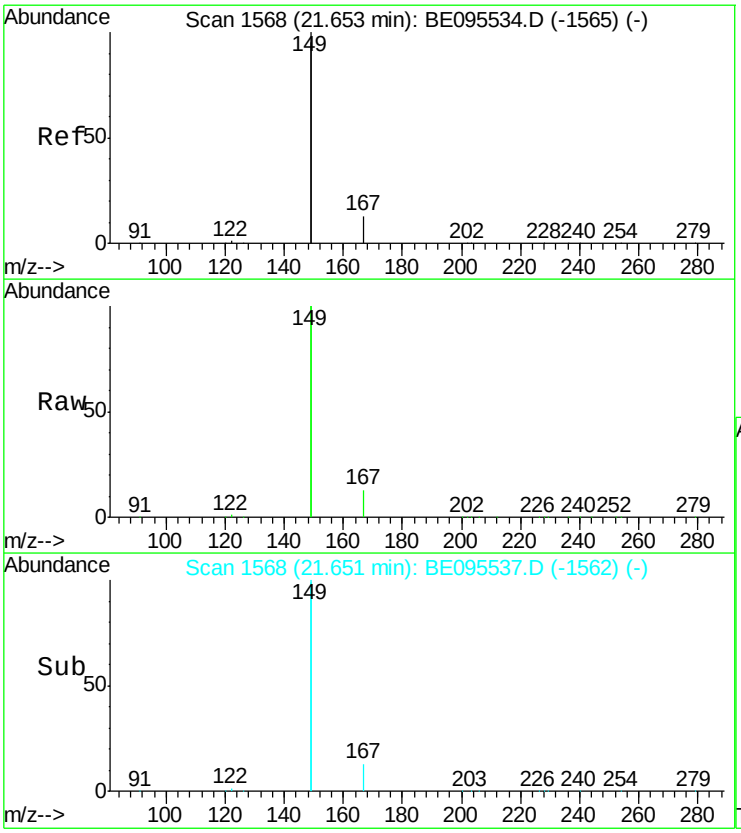
#31
Chrysene
Concen: 3.256 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 68245

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.6	16.0	24.0

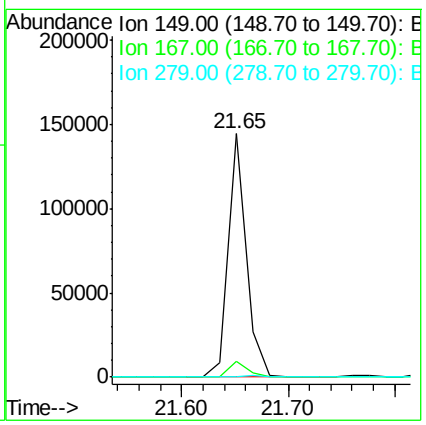


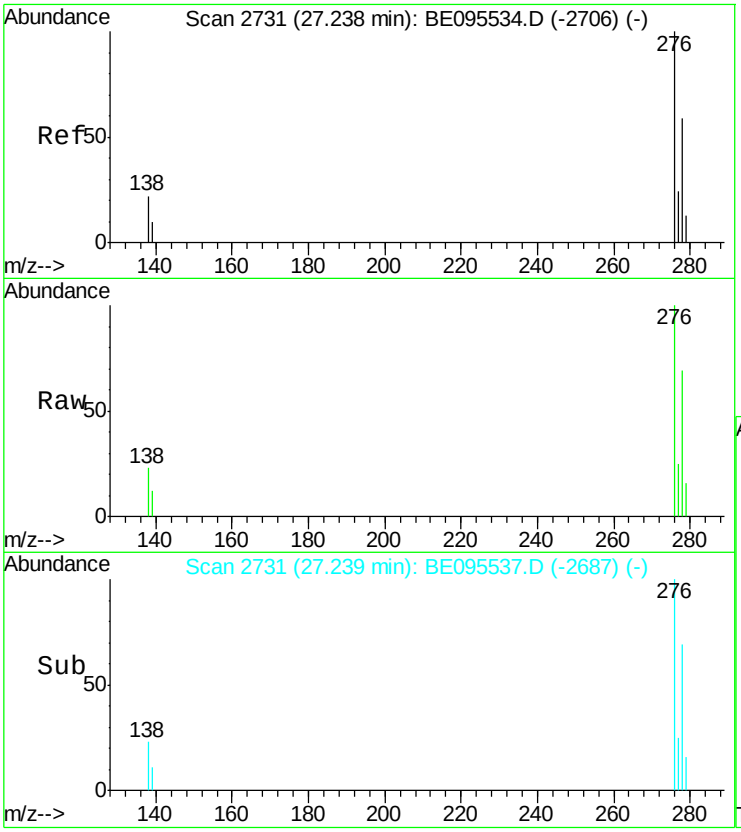


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.812 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:149 Resp: 167594

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.8	0.7	1.1



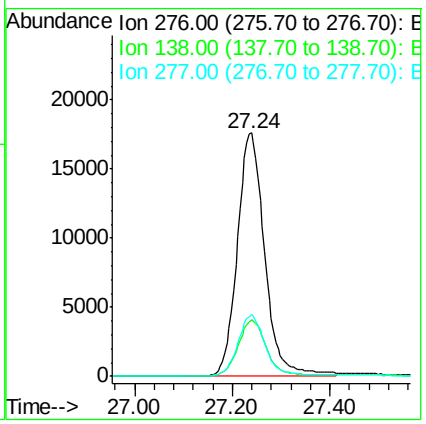


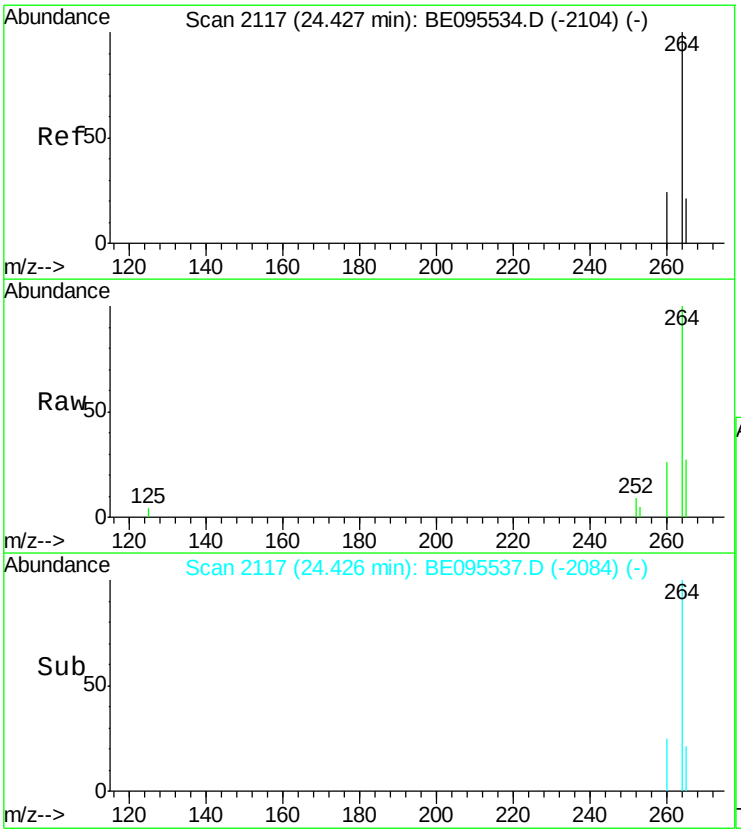
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.571 ng
RT: 27.24 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 68072

Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.5	33.7
277	25.0	19.9	29.9

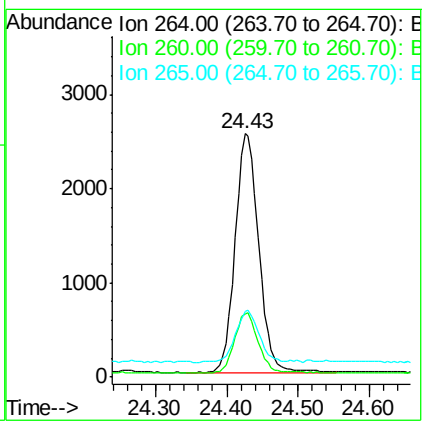


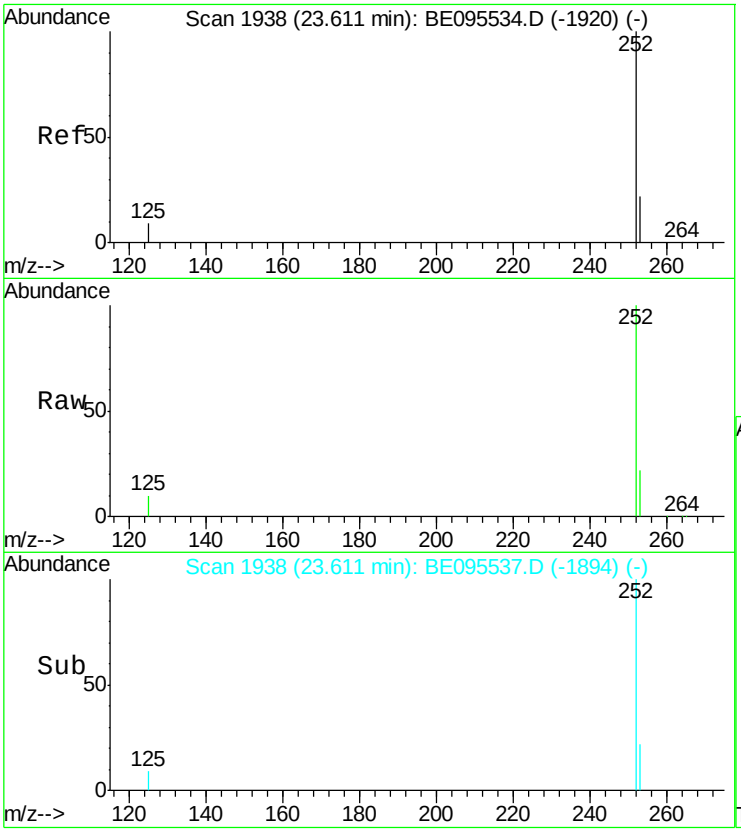


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:264 Resp: 5848

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	26.9	22.8	34.2



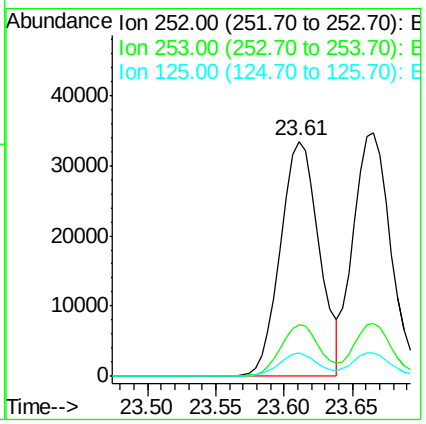


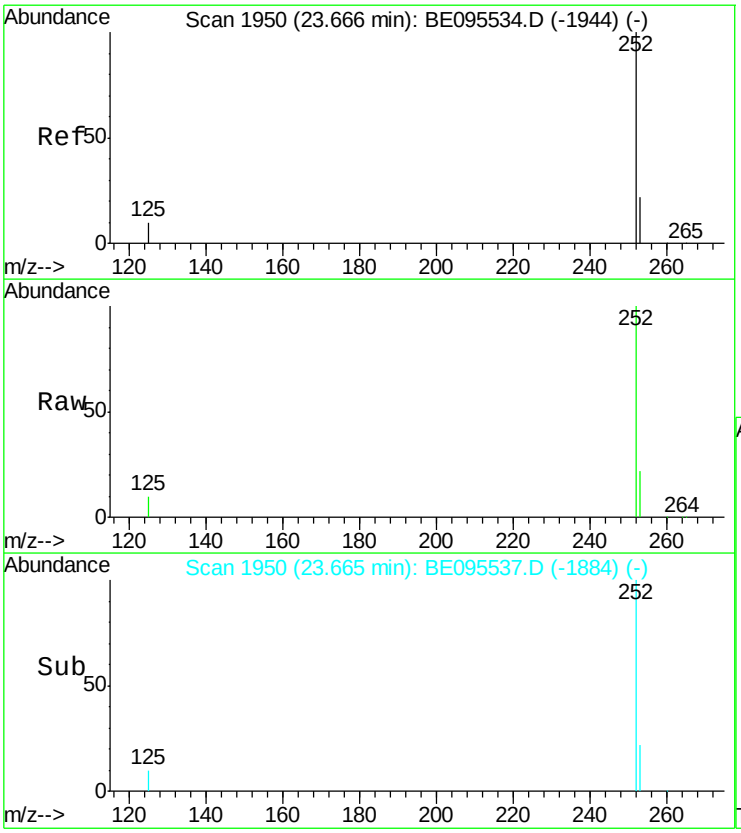
#35
Benzo(b)fluoranthene
Concen: 3.175 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 65856

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.0	30.0
125	9.7	16.0	24.0#

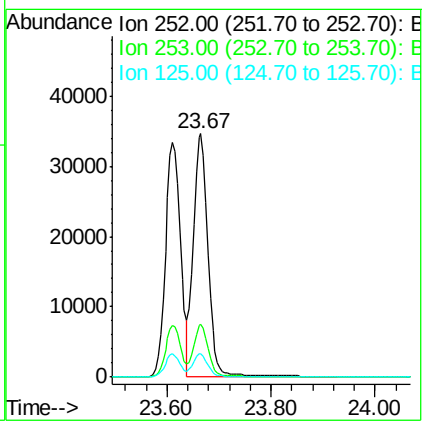


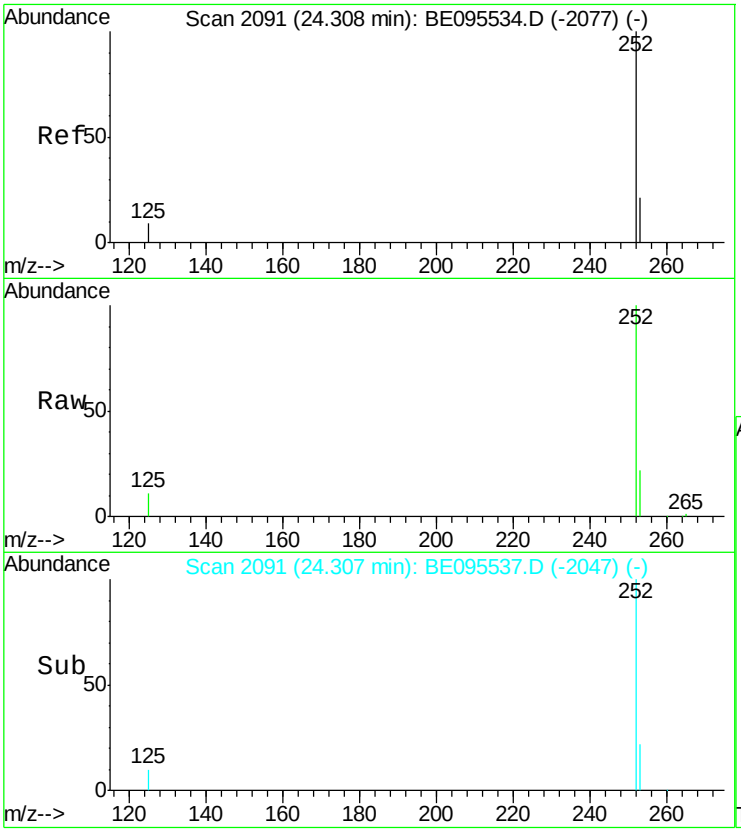


#36
Benzo(k)fluoranthene
Concen: 3.193 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:252 Resp: 67802

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.0	24.0
125	9.8	8.0	12.0



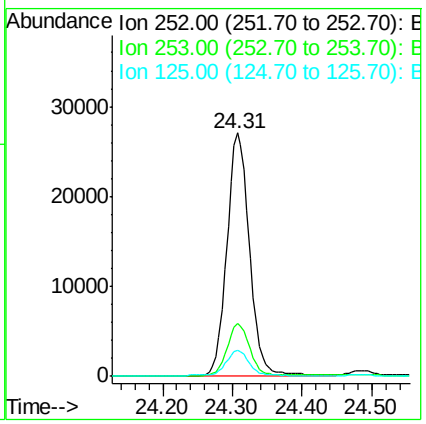


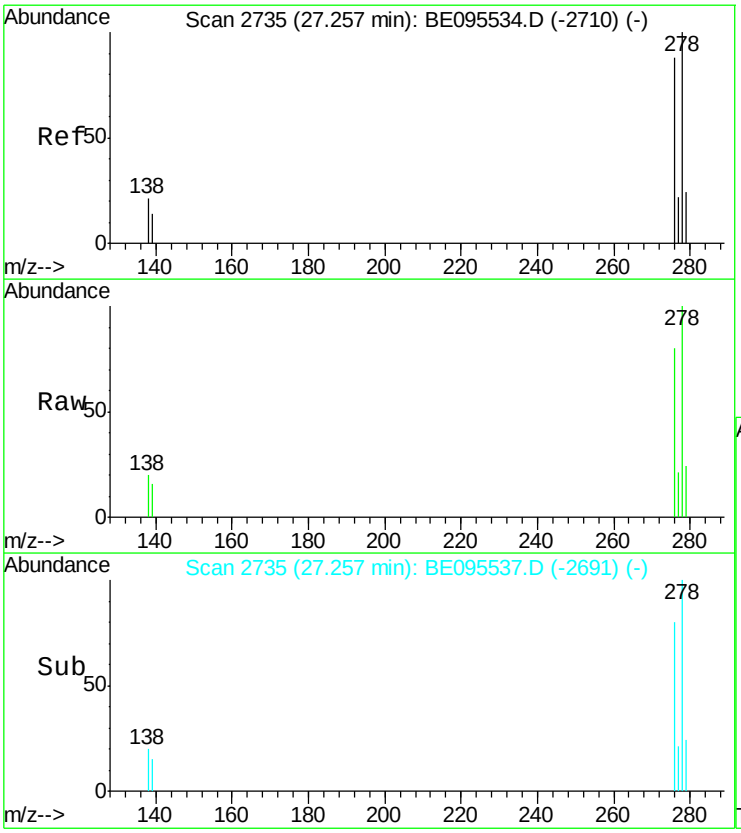
#37
Benzo(a)pyrene
Concen: 3.214 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 61123

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	10.5	12.0	18.0#

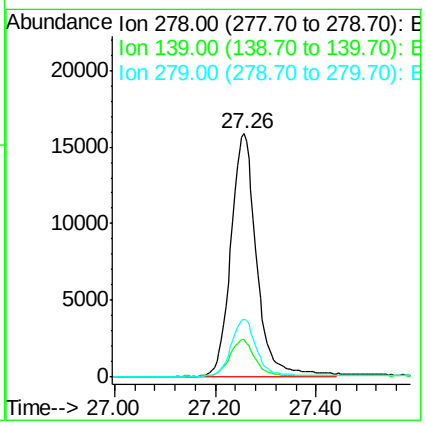


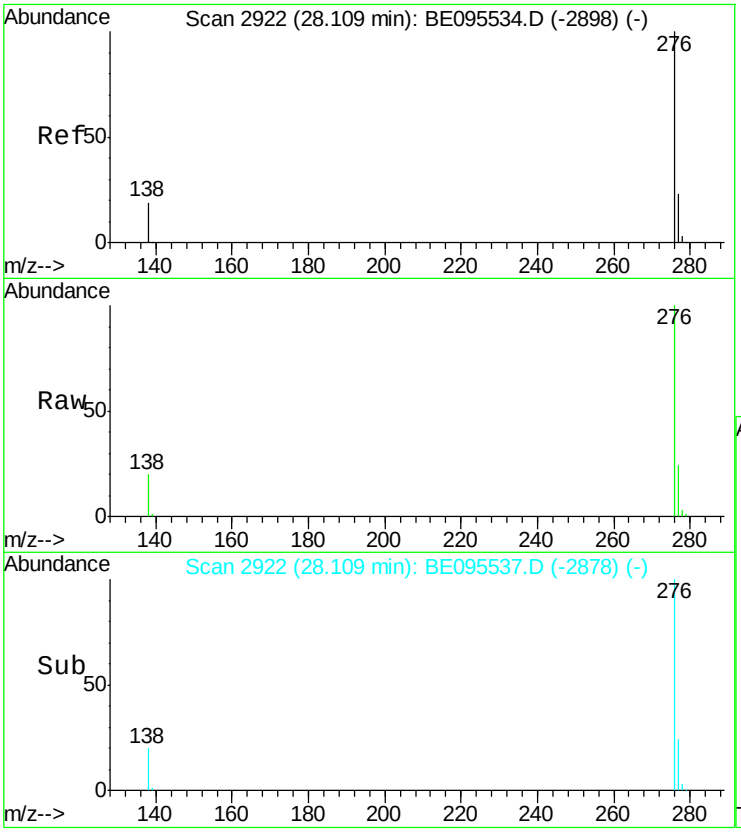


#38
Dibenzo(a,h)anthracene
Concen: 3.513 ng
RT: 27.26 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Tgt Ion:278 Resp: 56261

Ion	Ratio	Lower	Upper
278	100		
139	15.6	16.0	24.0#
279	23.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 3.262 ng
RT: 28.11 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BE095537.D
Acq: 6 Feb 2018 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 56628

Ion	Ratio	Lower	Upper
276	100		
277	23.9	16.0	24.0
138	20.3	20.0	30.0