Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
Data File : BE095676.D
Acq On : 23 Feb 2018 10:53
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Feb 23 11:53:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 10:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1206	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4751	0.40	ng		-0.02
13) Acenaphthene-d10	15.00	164	2730	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	5991	0.40	ng		0.01
27) Chrysene-d12	21.79	240	6570	0.40	ng		0.00
34) Perylene-d12	24.42	264	5633	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	5301	1.46	ng		0.00
5) Phenol-d6	7.56	99	7535	1.50	ng		0.00
8) Nitrobenzene-d5	9.60	82	7981	1.58	ng		-0.02
11) 2-Methylnaphthalene-d10	12.80	152	13321	1.69	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	1875	1.51	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	20026	1.70	ng		0.00
25) Fluoranthene-d10	19.69	212	132489	1.68	ng		0.00
29) Terphenyl-d14	20.25	244	21459	1.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	2990	1.50	ng	#	89
3) n-Nitrosodimethylamine	3.99	42	4177	1.66	ng	#	83
6) bis(2-Chloroethyl)ether	7.82	93	7421	1.60	ng		93
9) Naphthalene	11.31	128	90475	1.64	ng		99
10) Hexachlorobutadiene	11.57	225	5318	1.79	ng		98
12) 2-Methylnaphthalene	12.88	142	15771	1.68	ng		99
16) Acenaphthylene	14.74	152	26110	1.68	ng		99
17) Acenaphthene	15.06	154	16311	1.69	ng		96
18) Fluorene	16.02	166	20267	1.67	ng	#	78
20) 4-Bromophenyl-phenylether	16.89	248	6363	1.77	ng	#	75
21) Hexachlorobenzene	17.03	284	6358	1.71	ng	#	82
22) Pentachlorophenol	17.36	266	1834	1.78	ng	#	72
23) Phenanthrene	17.74	178	31223	1.70	ng		98
24) Anthracene	17.83	178	29959	1.74	ng		95
26) Fluoranthene	19.72	202	39635	1.71	ng	#	97
28) Pyrene	20.06	202	46239	1.68	ng		99
30) Benzo(a)anthracene	21.78	228	35457	1.62	ng		97
31) Chrysene	21.84	228	34685	1.61	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	64377	1.28	ng		100
33) Indeno(1,2,3-cd)pyrene	27.22	276	35022	1.68	ng		94
35) Benzo(b)fluoranthene	23.61	252	33823	1.76	ng	#	87
36) Benzo(k)fluoranthene	23.66	252	33972	1.72	ng		97
37) Benzo(a)pyrene	24.30	252	30858	1.73	ng	#	92
38) Dibenzo(a,h)anthracene	27.25	278	28769	1.84	ng	#	94
39) Benzo(g,h,i)perylene	28.10	276	29403	1.75	ng		91

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

Quantitation Report (QT Reviewed)

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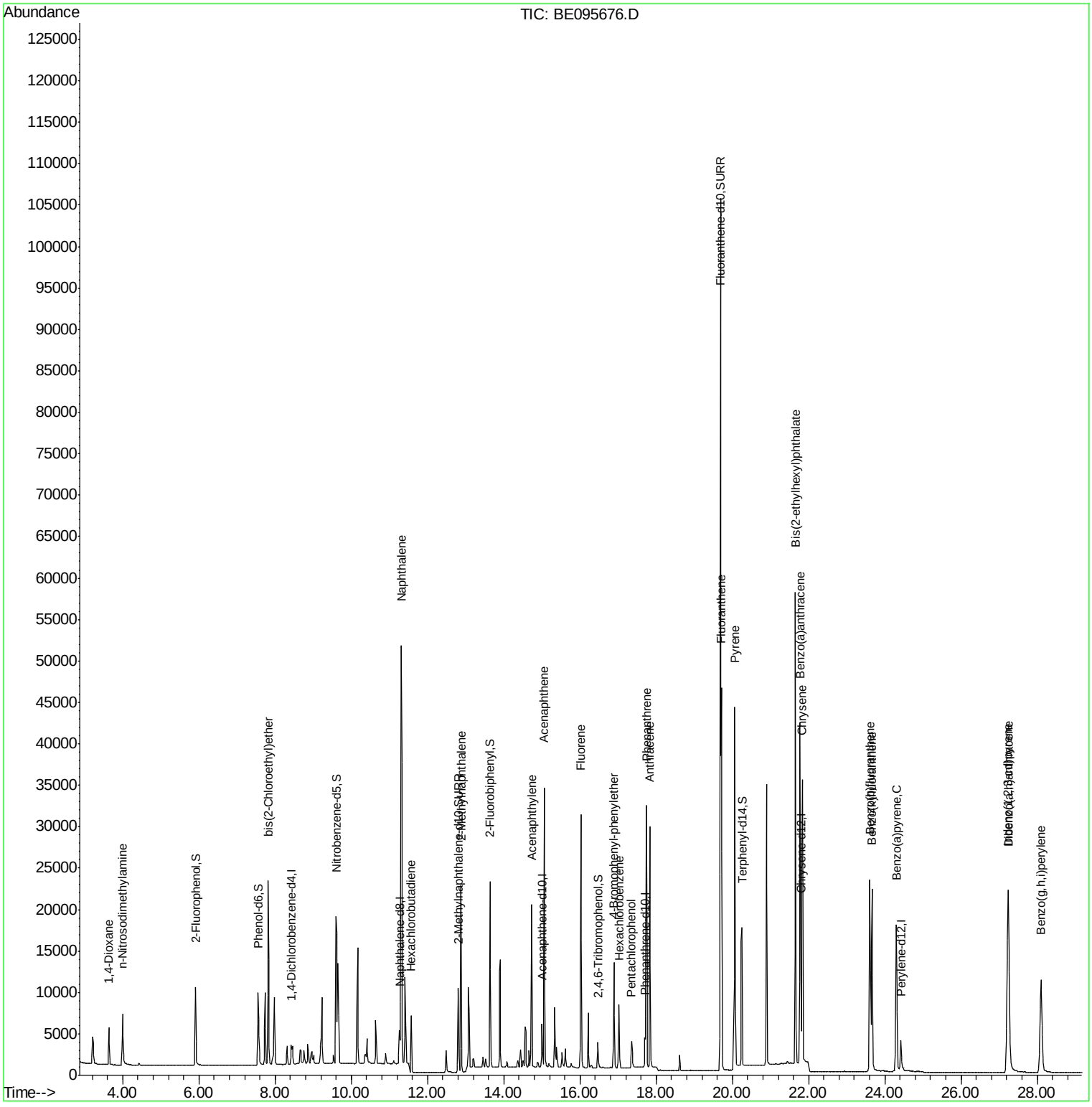
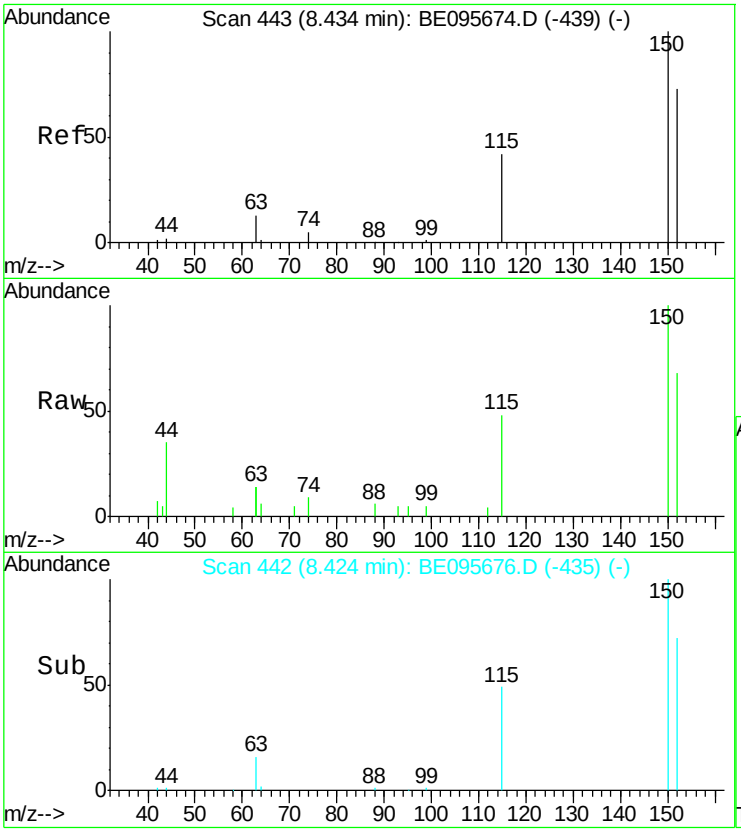
Data File : BE095676.D
Acq On : 23 Feb 2018 10:53
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Feb 23 11:53:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 10:57:33 2018
Response via : Initial Calibration



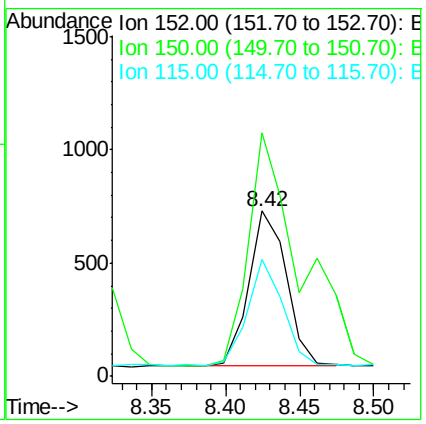


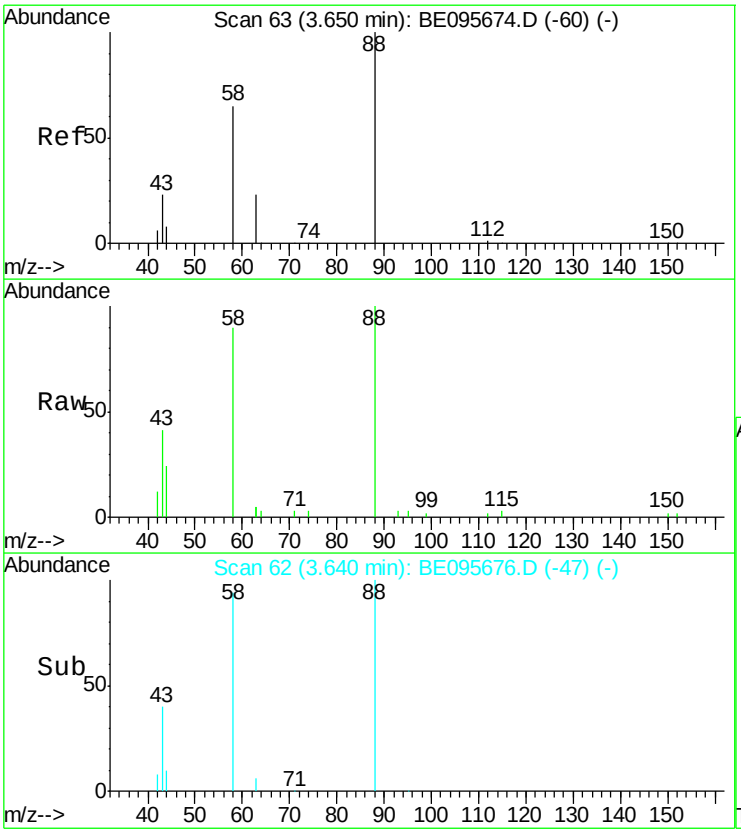
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1206

Ion	Ratio	Lower	Upper
152	100		
150	147.3	117.2	175.8
115	70.5	57.0	85.6

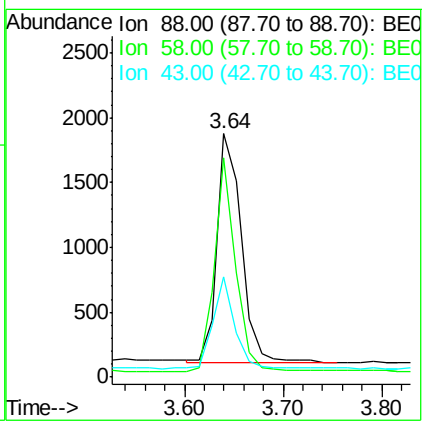


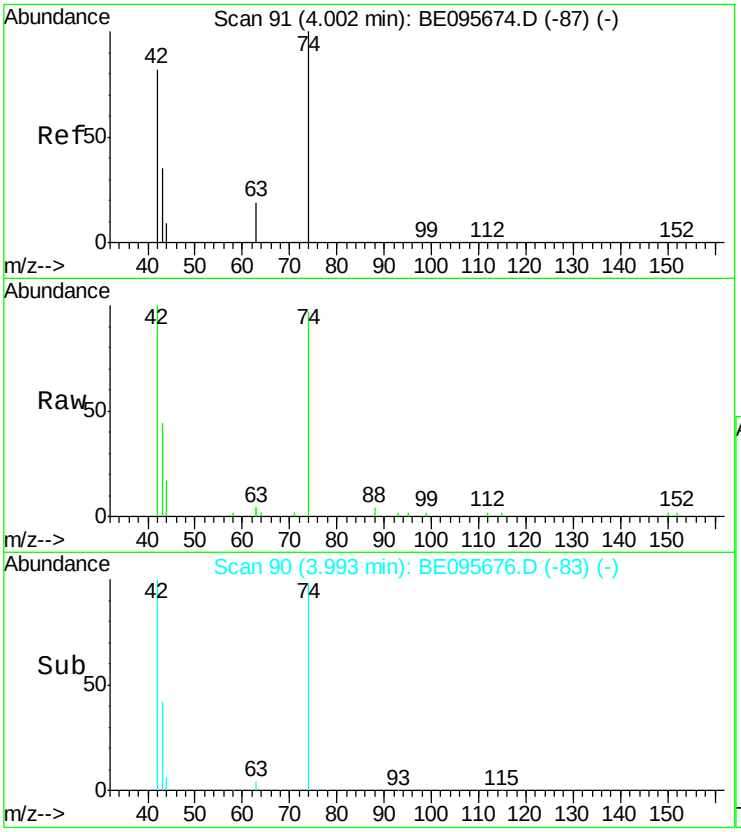


#2
1,4-Dioxane
Concen: 1.50 ng
RT: 3.64 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion: 88 Resp: 2990

Ion	Ratio	Lower	Upper
88	100		
58	82.4	63.2	94.8
43	35.5	41.2	61.8#



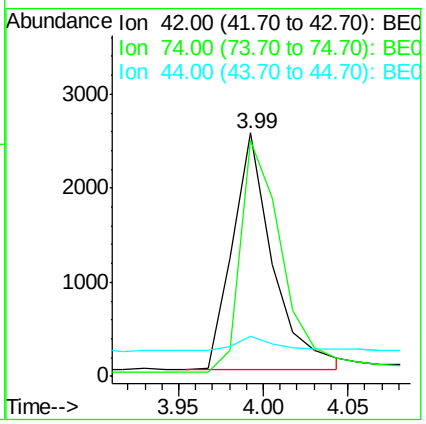


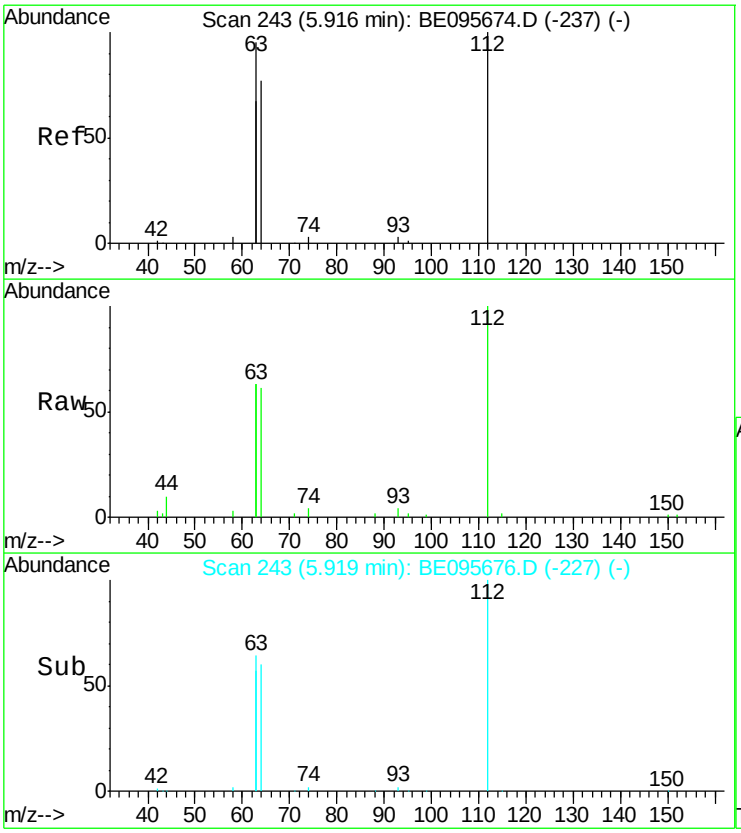
#3
n-Nitrosodimethylamine
Concen: 1.66 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4177

Ion	Ratio	Lower	Upper
42	100		
74	101.3	96.0	144.0
44	6.9	12.0	18.0#

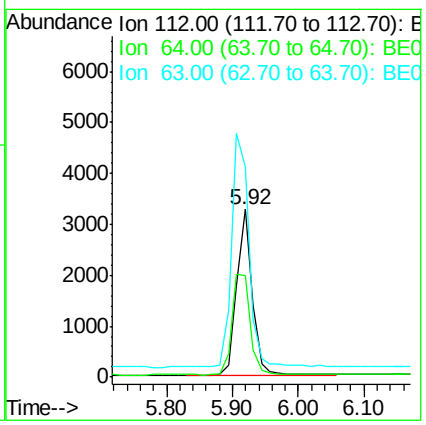


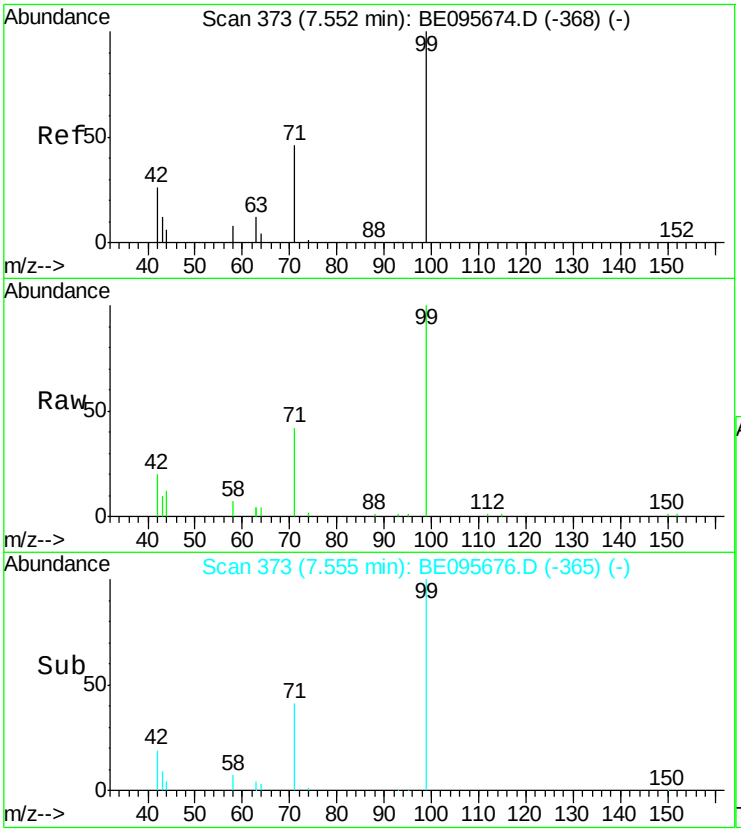


#4
2-Fluorophenol
Concen: 1.46 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:112 Resp: 5301

Ion	Ratio	Lower	Upper
112	100		
64	72.8	60.1	90.1
63	158.6	116.8	175.2



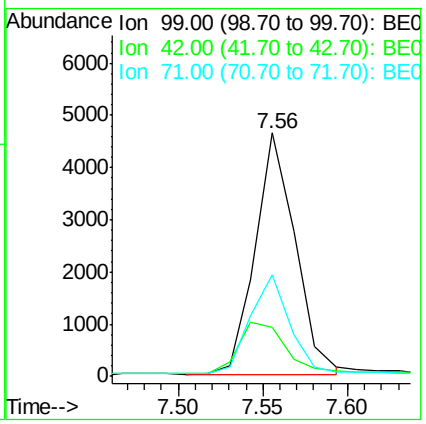


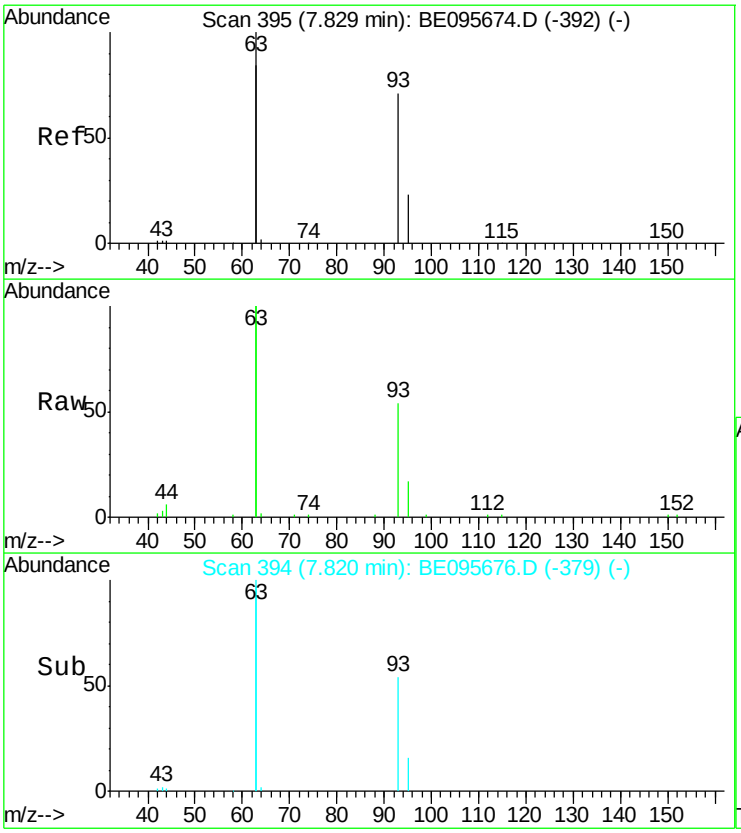
#5
Phenol-d6
Concen: 1.50 ng
RT: 7.56 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 7535

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.2	30.2
71	40.9	28.4	42.6

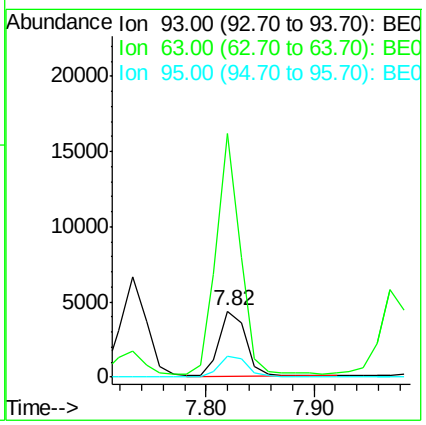


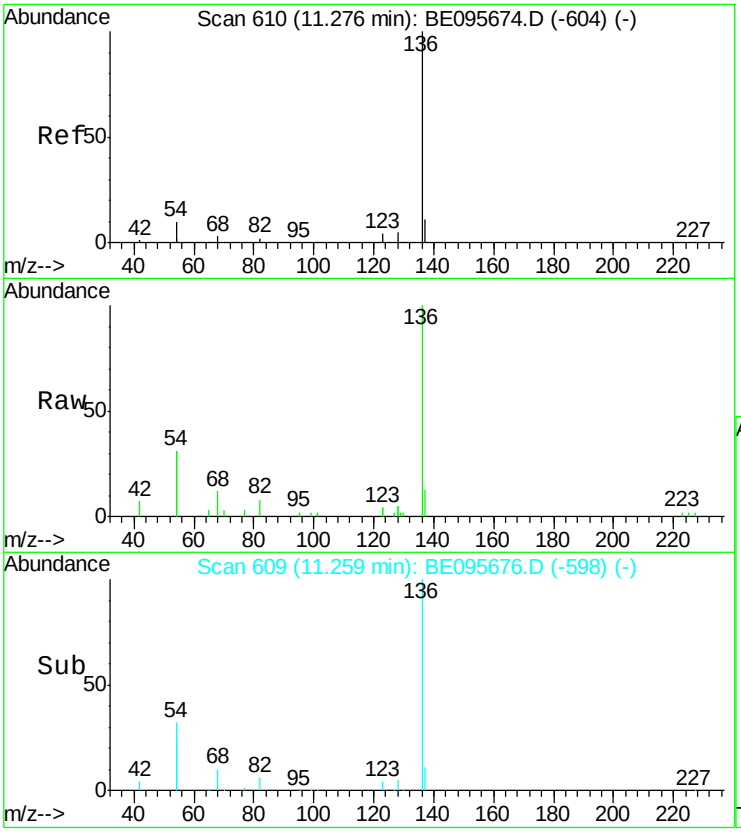


#6
bis(2-Chloroethyl)ether
Concen: 1.60 ng
RT: 7.82 min Scan# 394
Delta R.T. -0.01 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion: 93 Resp: 7421

Ion	Ratio	Lower	Upper
93	100		
63	328.5	275.3	412.9
95	32.1	25.2	37.8



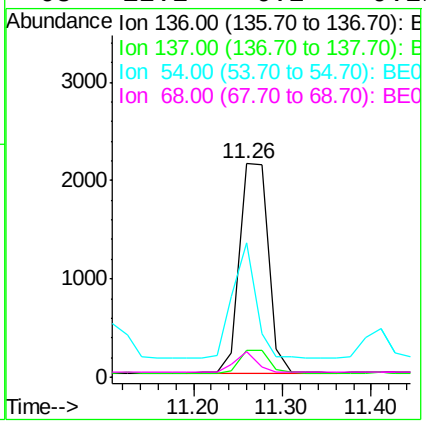


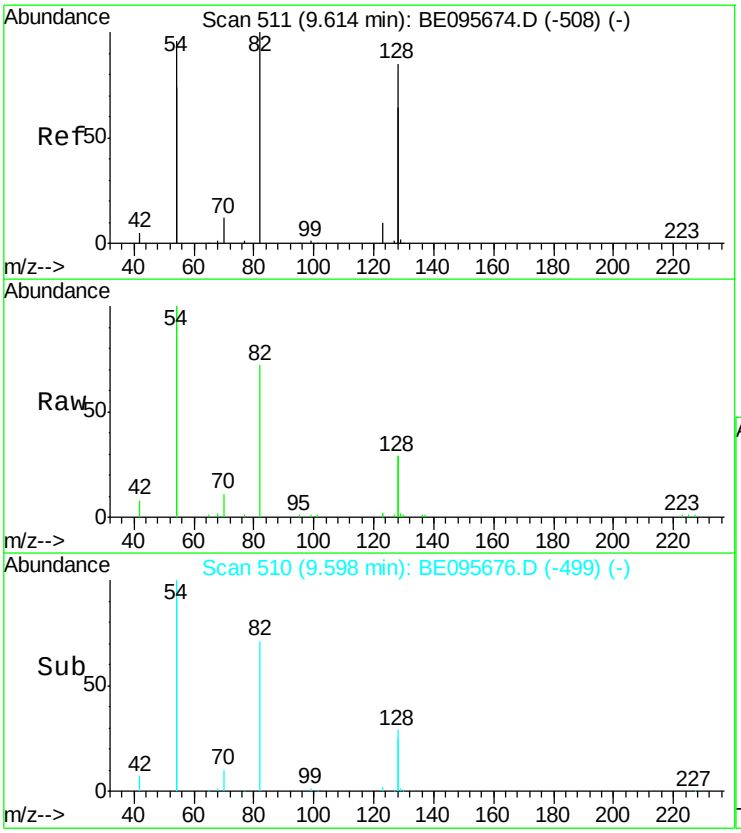
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.26 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 4751

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	63.0	29.1	43.7#
68	12.2	6.2	9.2#

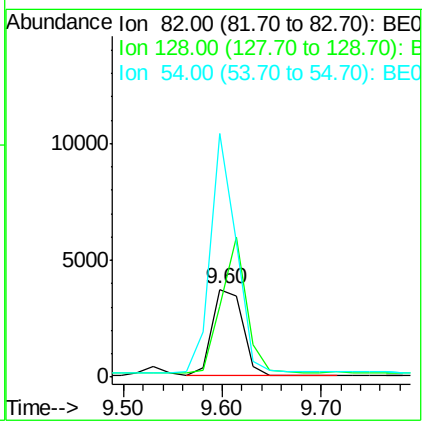


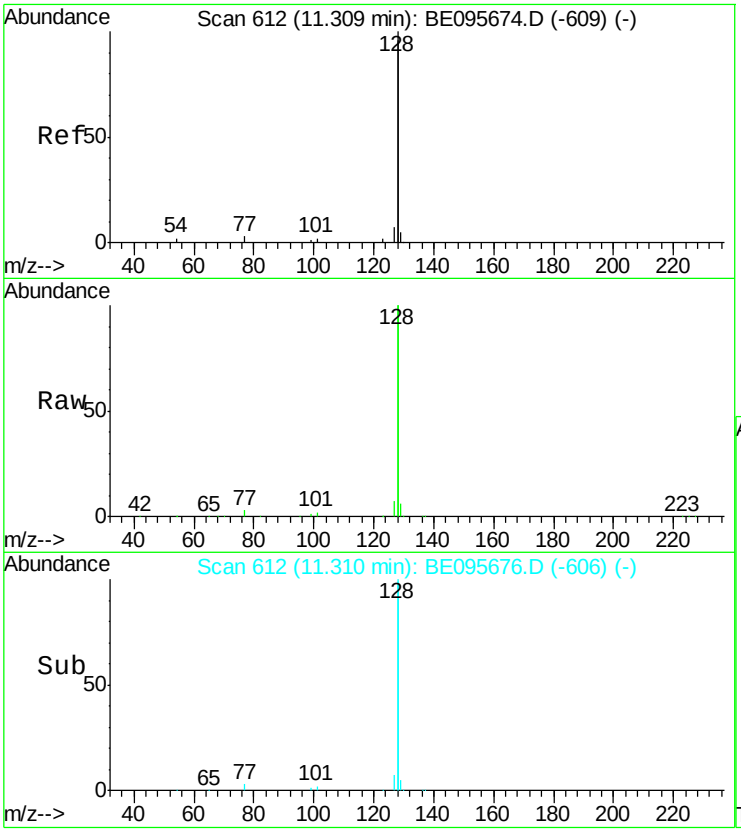


#8
Nitrobenzene-d5
Concen: 1.58 ng
RT: 9.60 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion: 82 Resp: 7981

Ion	Ratio	Lower	Upper
82	100		
128	81.0	150.0	225.0#
54	278.3	154.2	231.4#



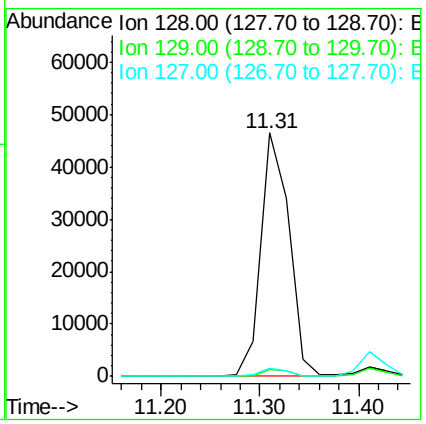


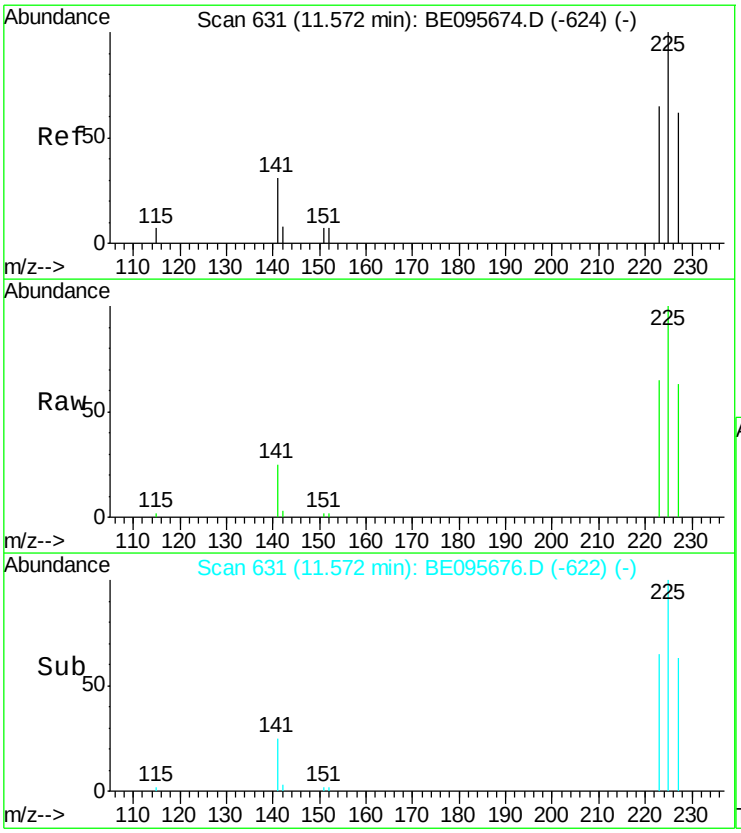
#9
Naphthalene
Concen: 1.64 ng
RT: 11.31 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 90475

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.5	2.8	4.2

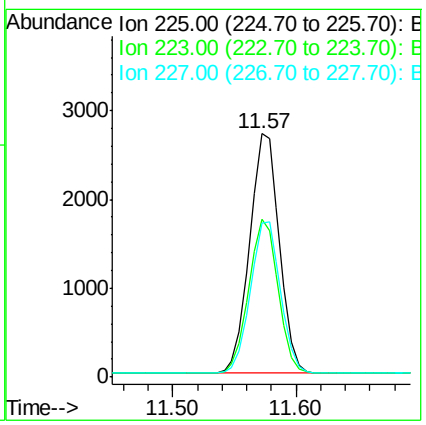


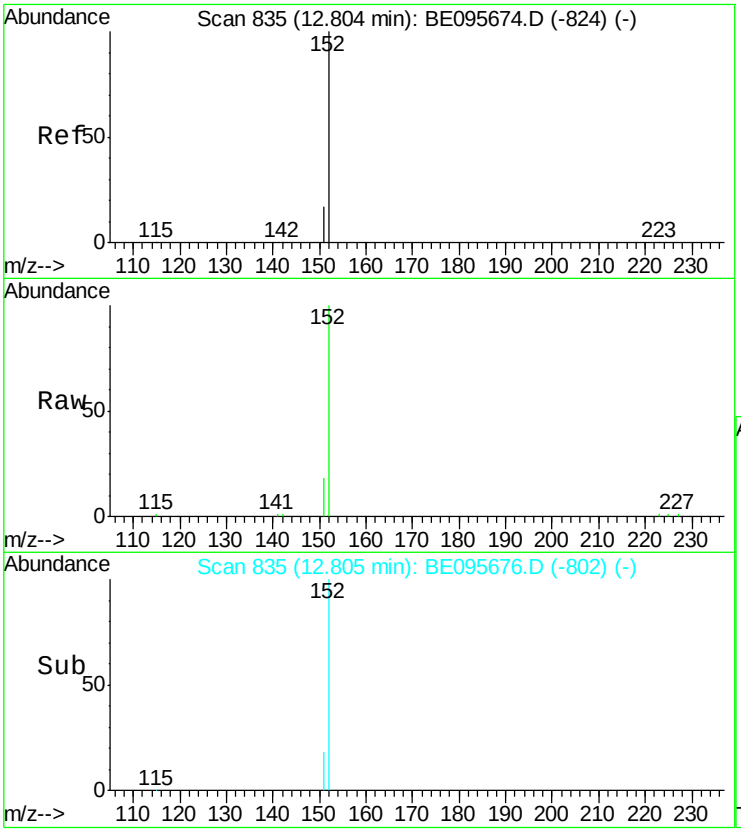


#10
Hexachlorobutadiene
Concen: 1.79 ng
RT: 11.57 min Scan# 631
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:225 Resp: 5318

Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.0	79.6
227	65.0	51.4	77.2



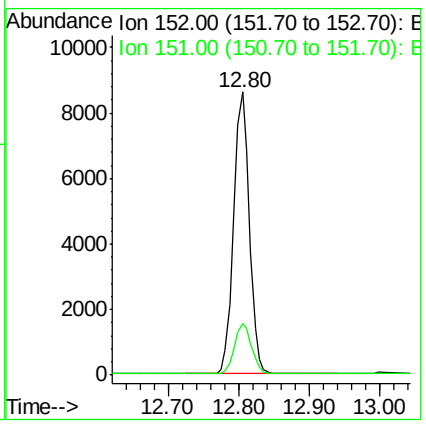


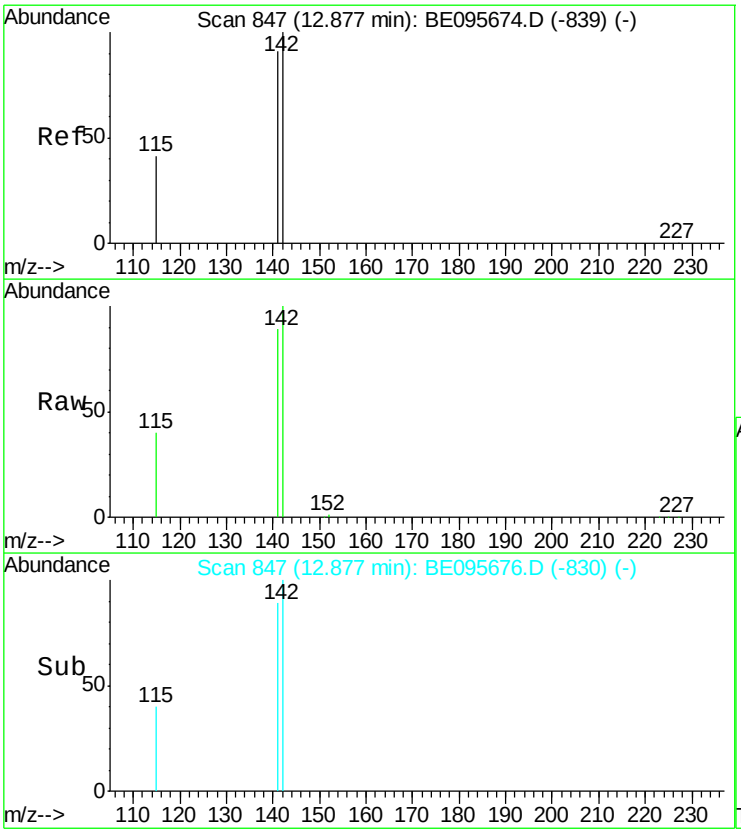
#11
2-Methylnaphthalene-d10
Concen: 1.69 ng
RT: 12.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 13321

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

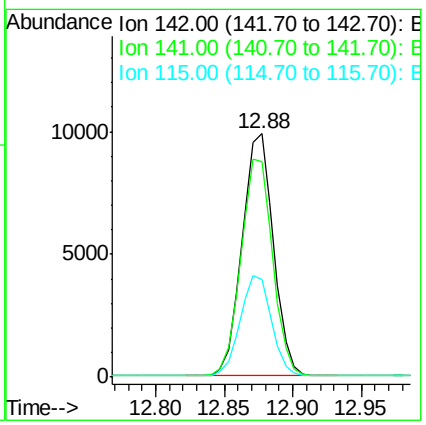


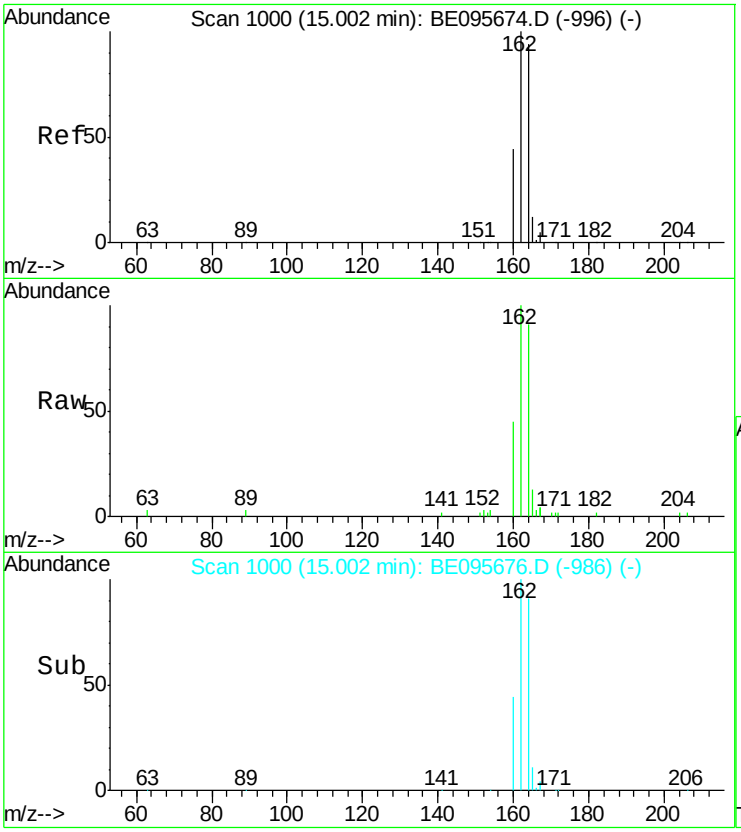


#12
2-Methylnaphthalene
Concen: 1.68 ng
RT: 12.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:142 Resp: 15771

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	39.9	31.7	47.5



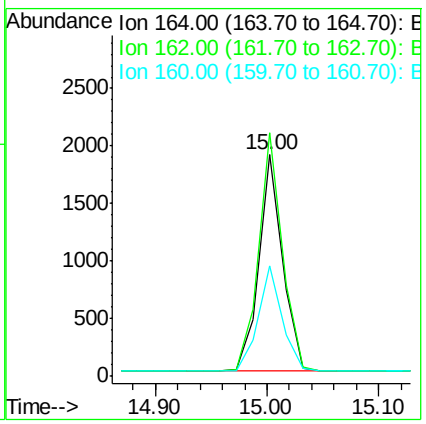


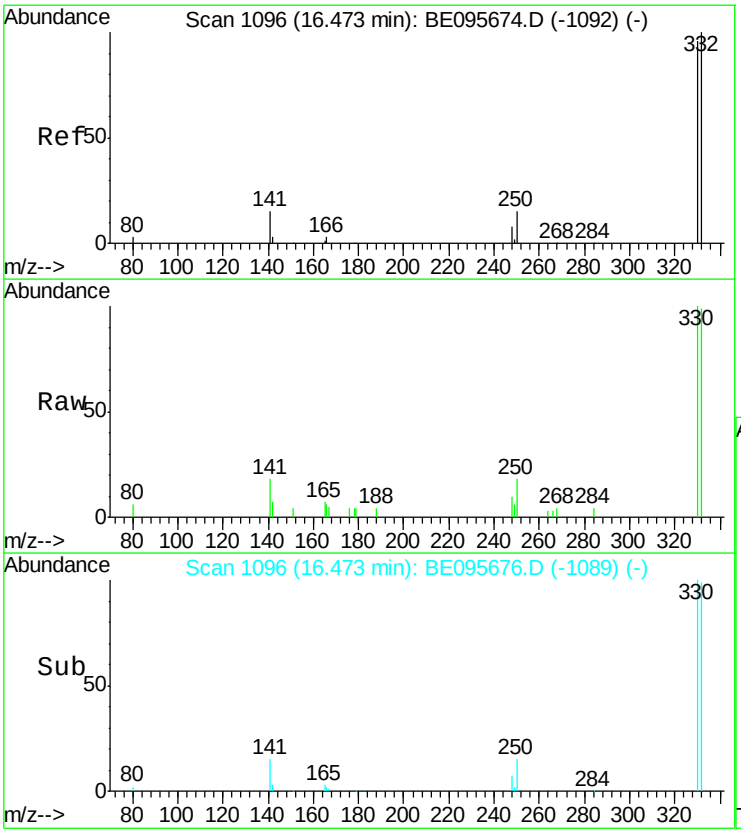
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.00 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 2730

Ion	Ratio	Lower	Upper
164	100		
162	110.0	83.1	124.7
160	49.9	37.1	55.7

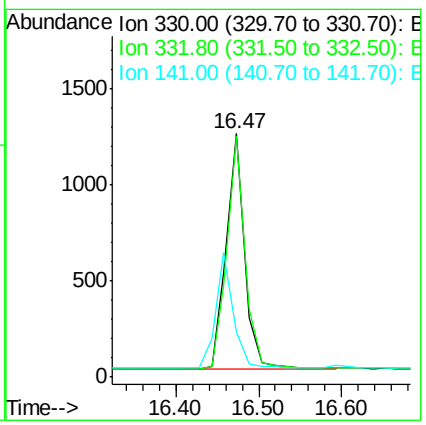


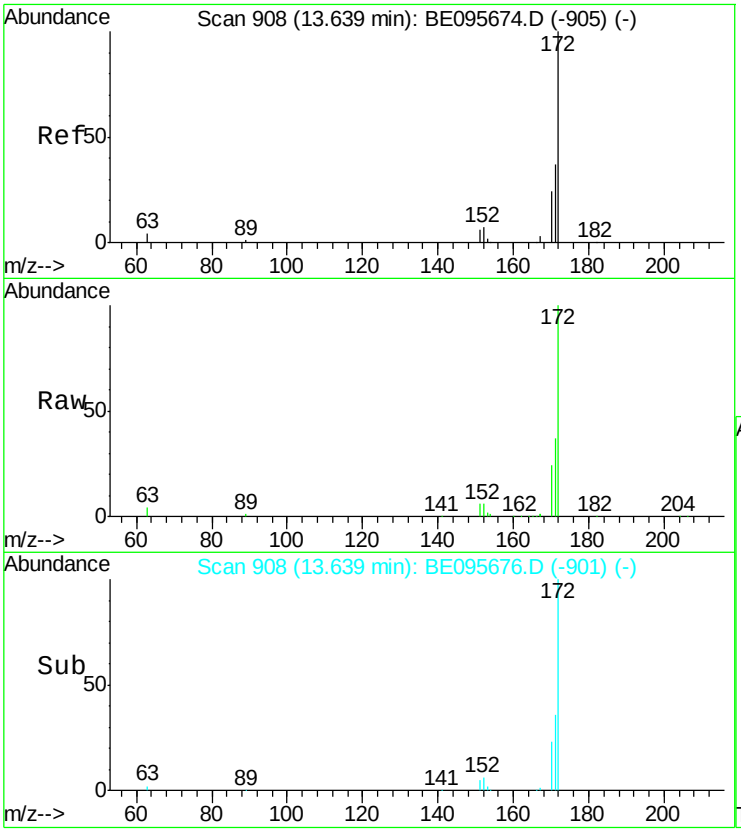


#14
2,4,6-Tribromophenol
Concen: 1.51 ng
RT: 16.47 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:330 Resp: 1875

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	47.9	33.7	50.5



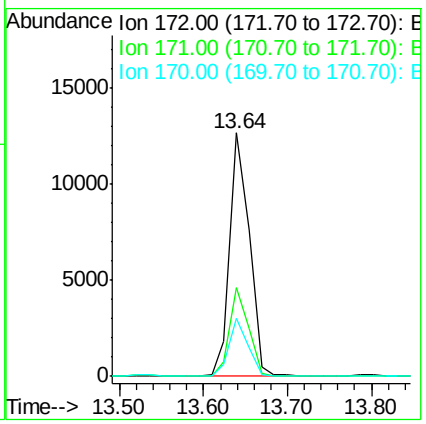


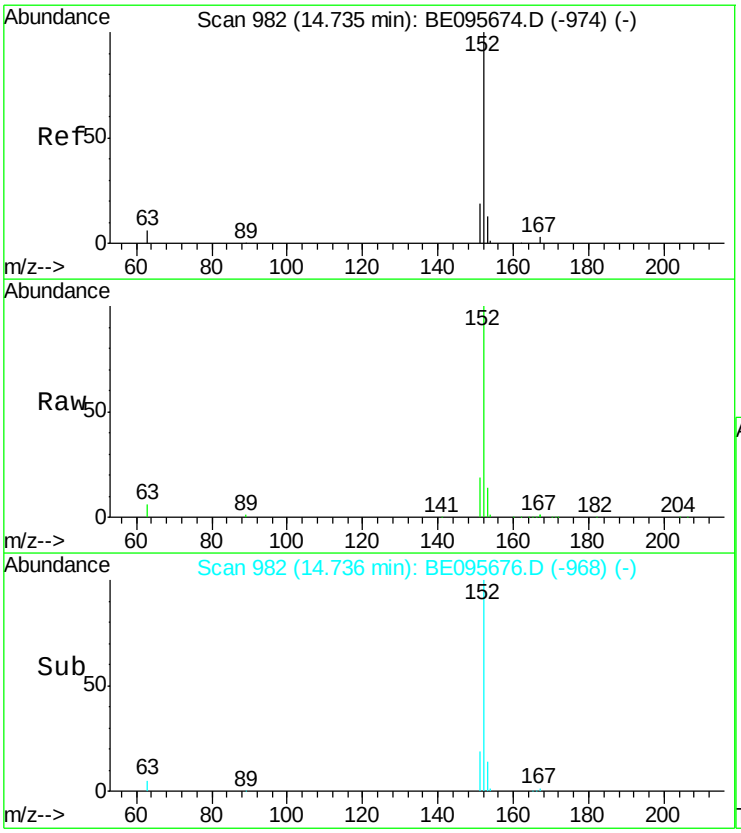
#15
2-Fluorobiphenyl
Concen: 1.70 ng
RT: 13.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 20026

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	23.6	21.8	32.8

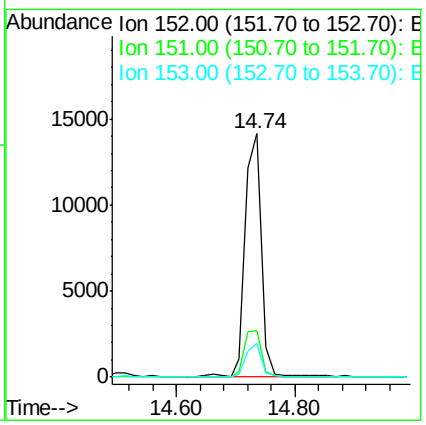


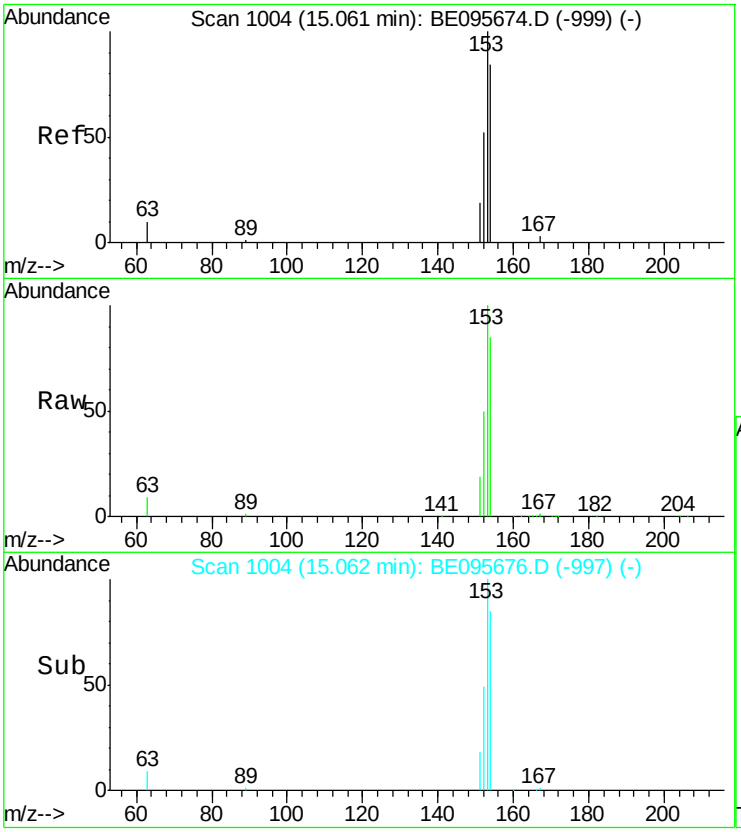


#16
Acenaphthylene
Concen: 1.68 ng
RT: 14.74 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:152 Resp: 26110

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.5	15.7



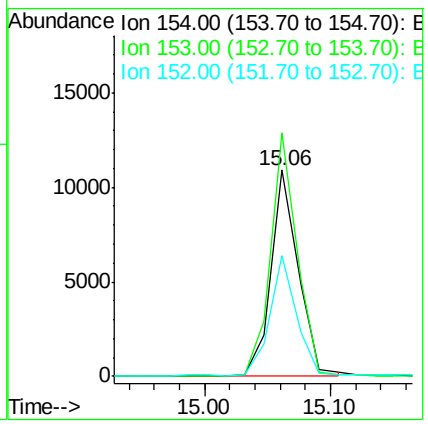


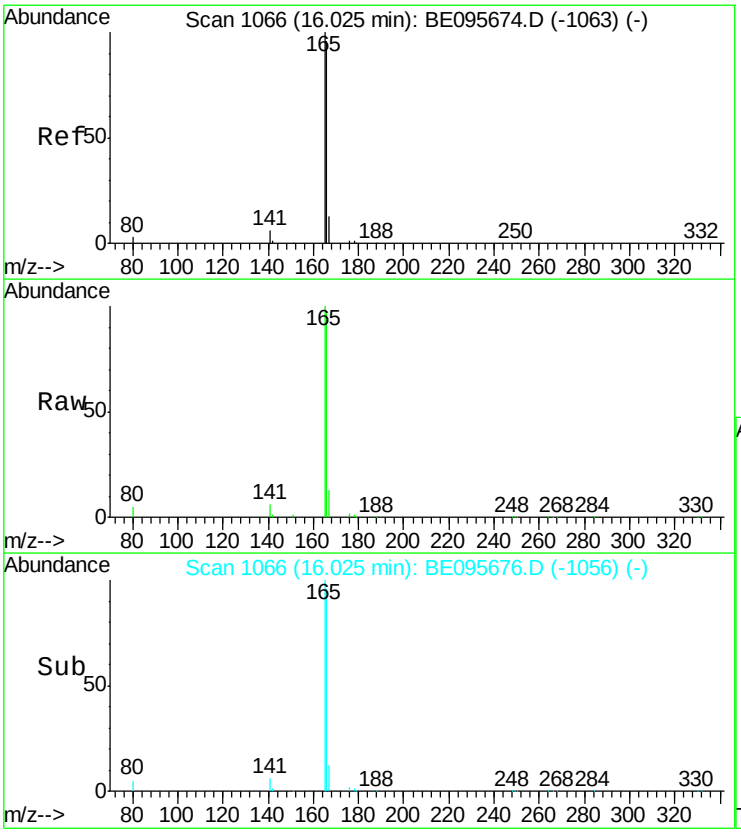
#17
Acenaphthene
Concen: 1.69 ng
RT: 15.06 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 16311

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.2	133.8
152	56.5	42.0	63.0

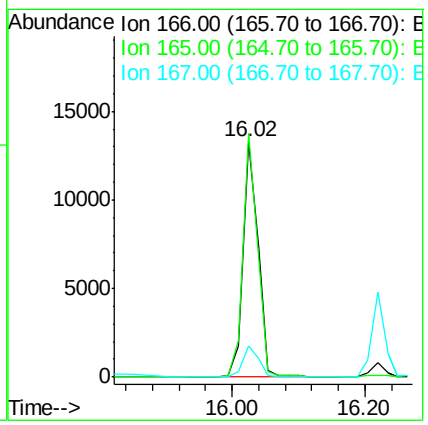


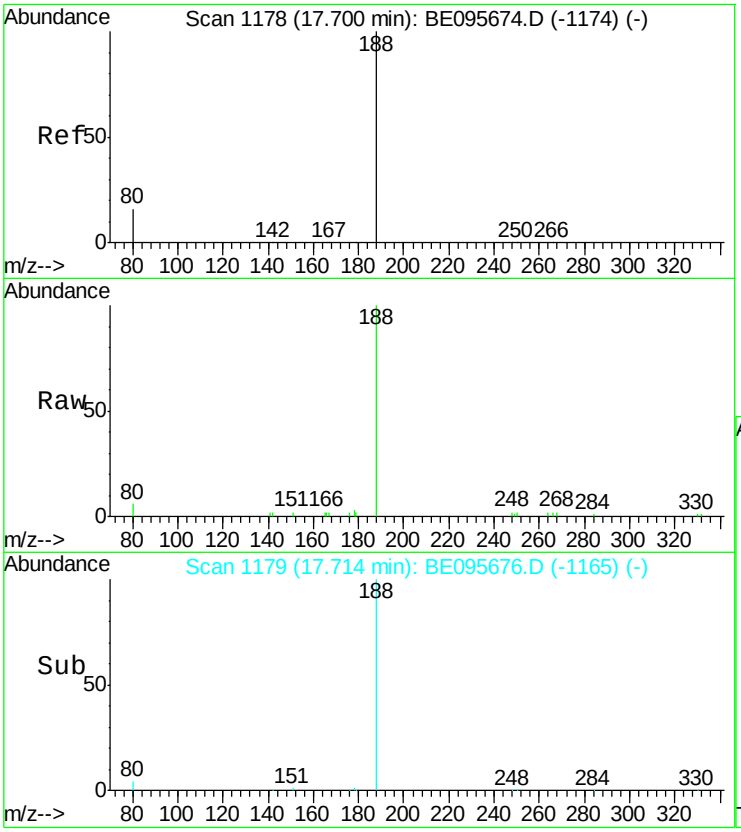


#18
Fluorene
Concen: 1.67 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:166 Resp: 20267

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.8	116.6
167	13.6	42.4	63.6#



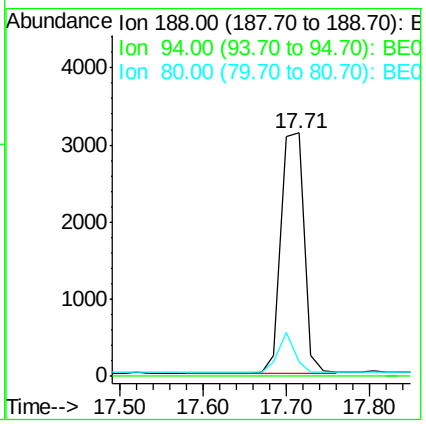


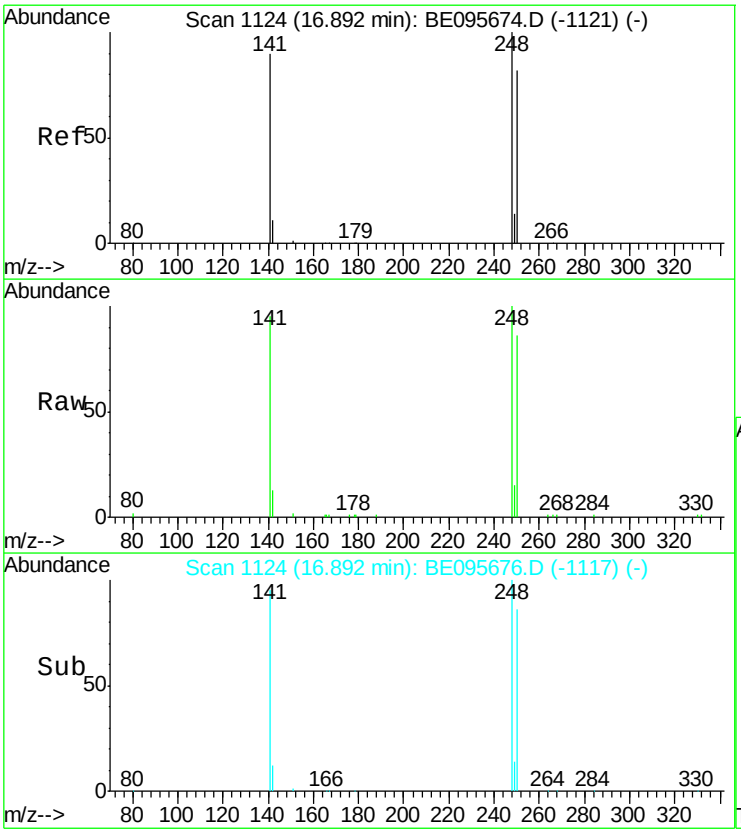
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 5991

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.0	3.6	5.4#

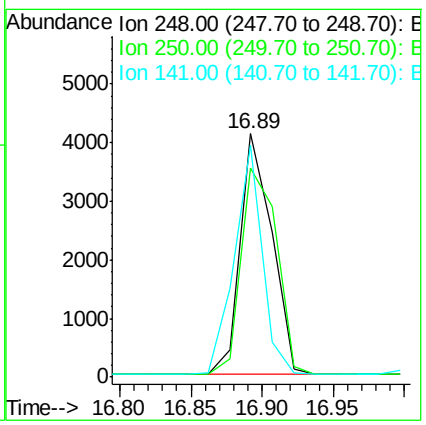


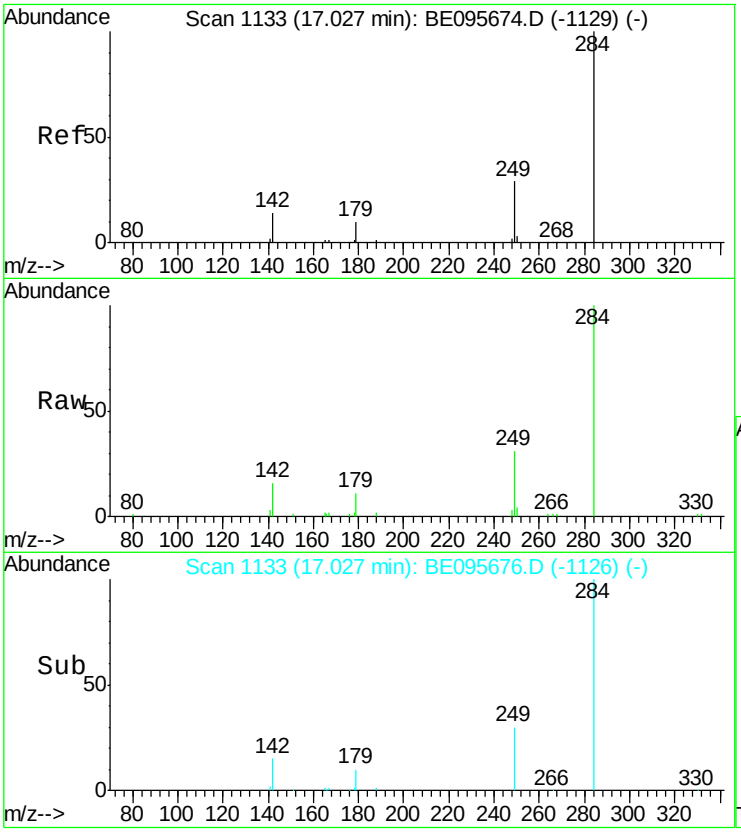


#20
4-Bromophenyl-phenylether
Concen: 1.77 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:248 Resp: 6363

Ion	Ratio	Lower	Upper
248	100		
250	85.9	62.7	94.1
141	95.3	48.2	72.2#



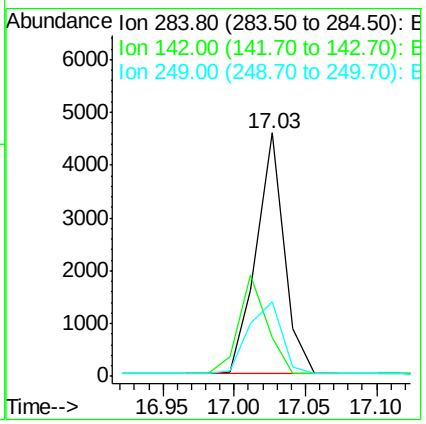


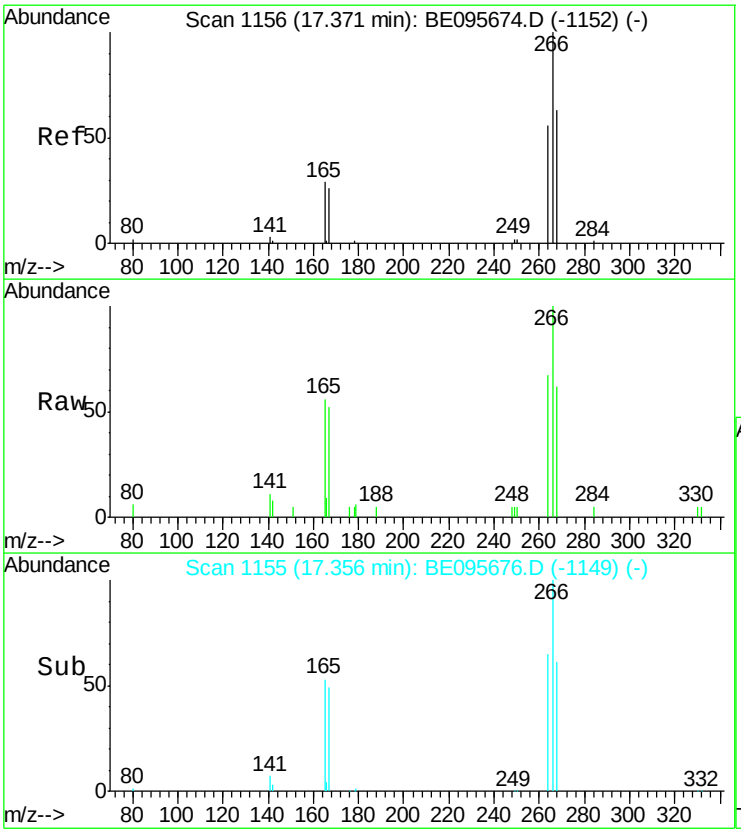
#21
Hexachlorobenzene
Concen: 1.71 ng
RT: 17.03 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 6358

Ion	Ratio	Lower	Upper
284	100		
142	41.2	22.1	33.1#
249	35.5	34.8	52.2

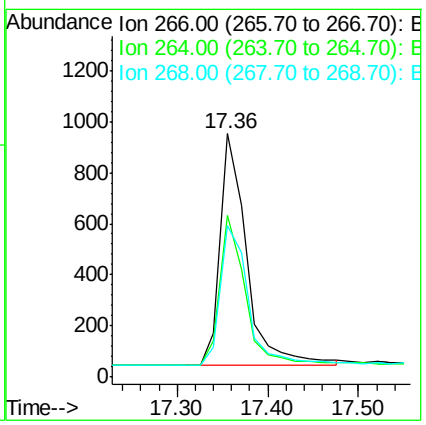


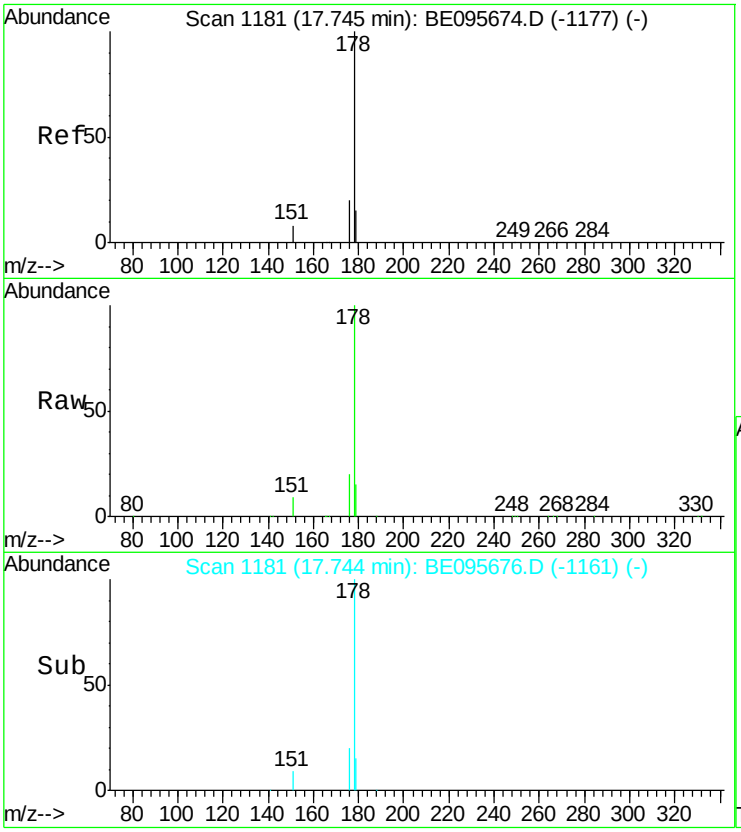


#22
Pentachlorophenol
Concen: 1.78 ng
RT: 17.36 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:266 Resp: 1834

Ion	Ratio	Lower	Upper
266	100		
264	66.5	72.5	108.7#
268	62.4	73.8	110.6#



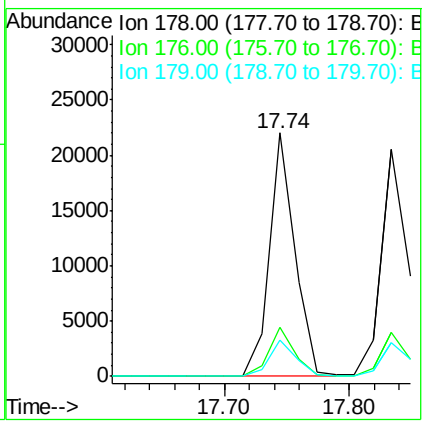


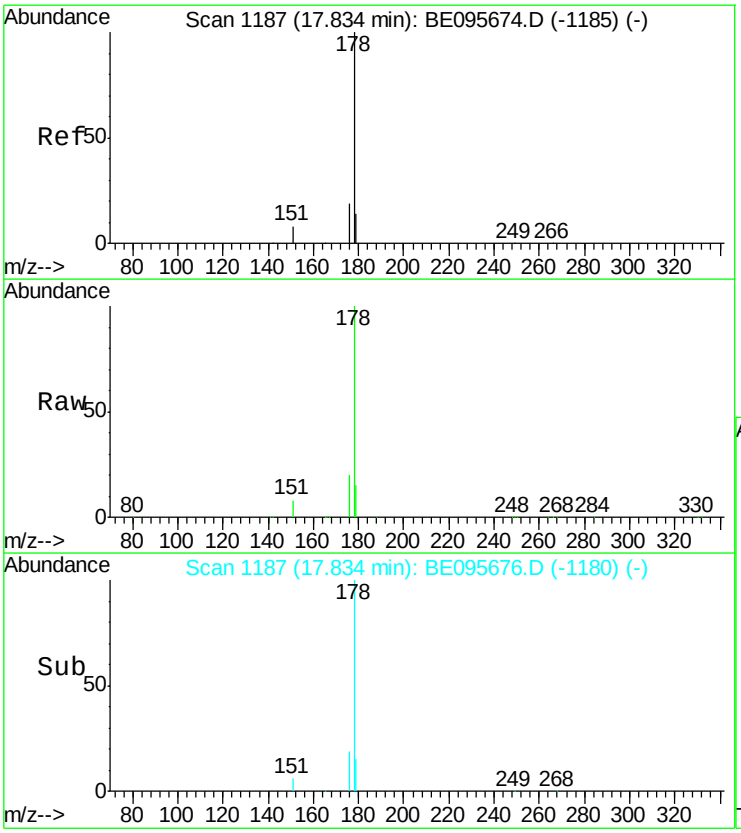
#23
Phenanthrene
Concen: 1.70 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 31223

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	14.9	11.8	17.6

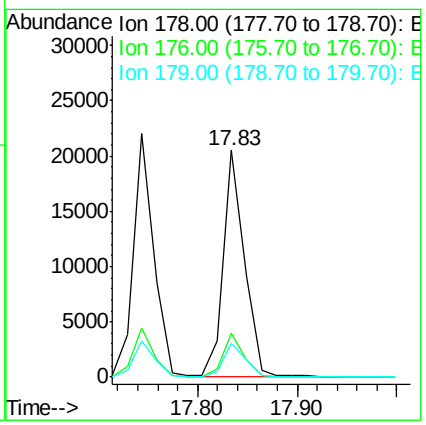


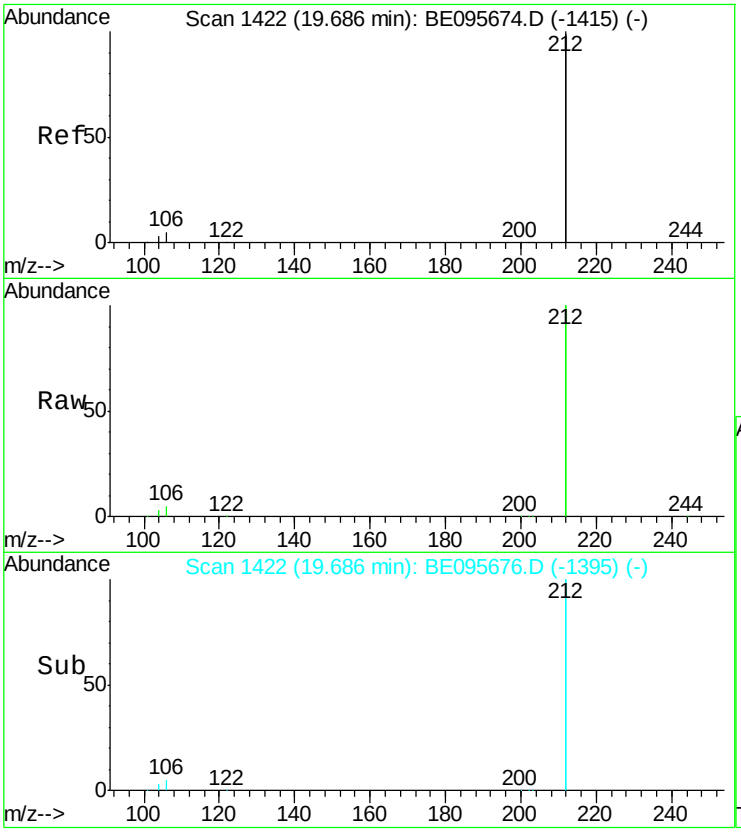


#24
Anthracene
Concen: 1.74 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:178 Resp: 29959

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



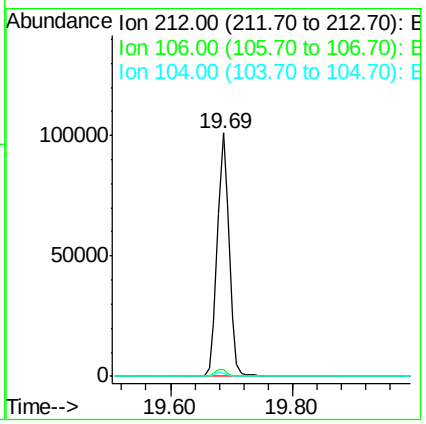


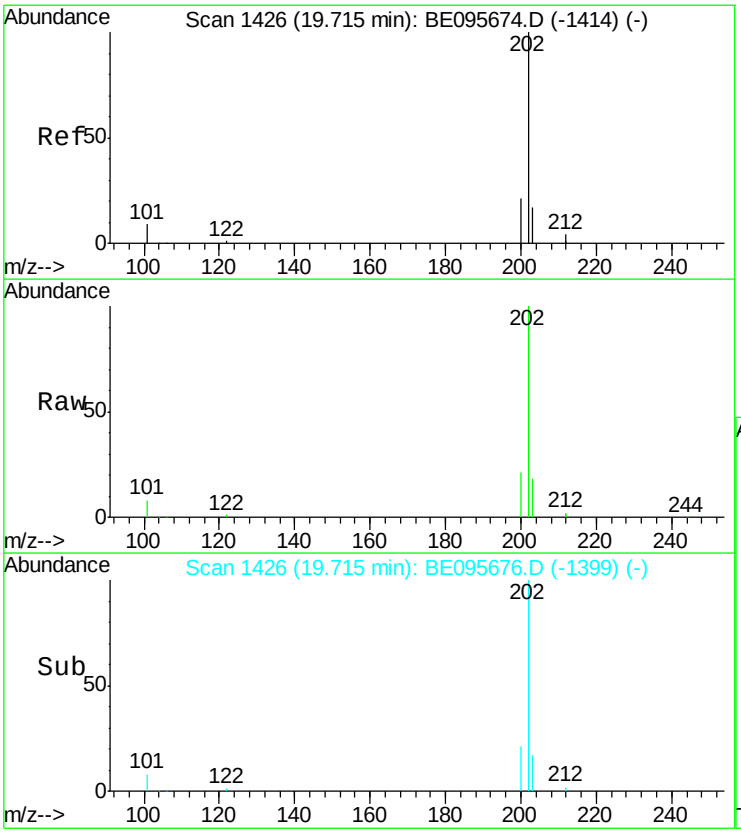
#25
Fluoranthene-d10
Concen: 1.68 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 132489

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

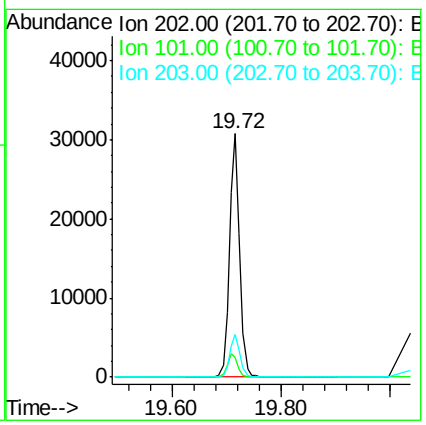


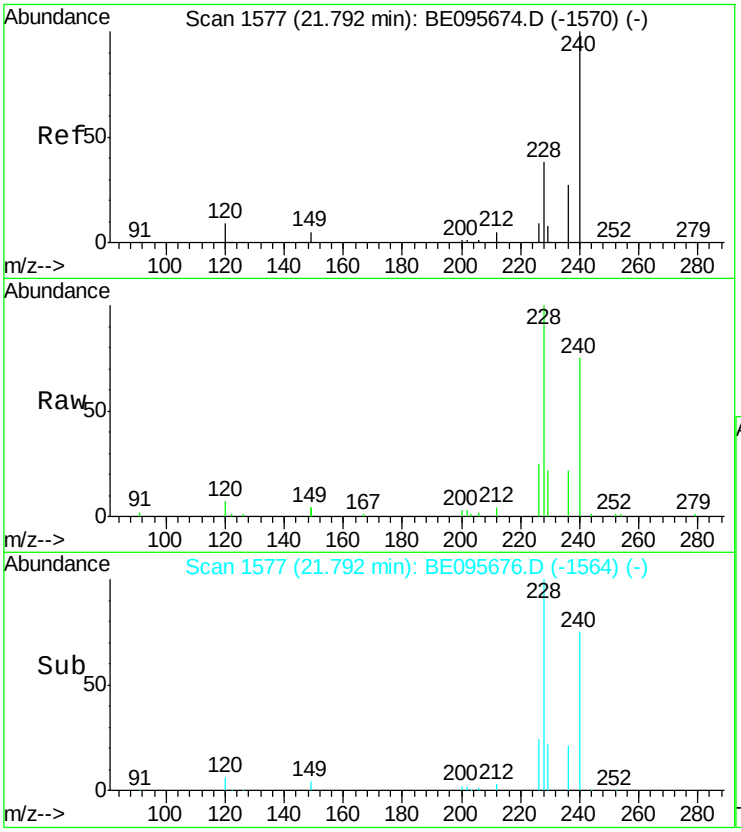


#26
Fluoranthene
Concen: 1.71 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:202 Resp: 39635

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



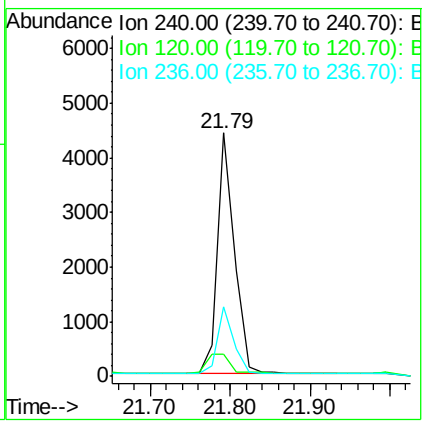


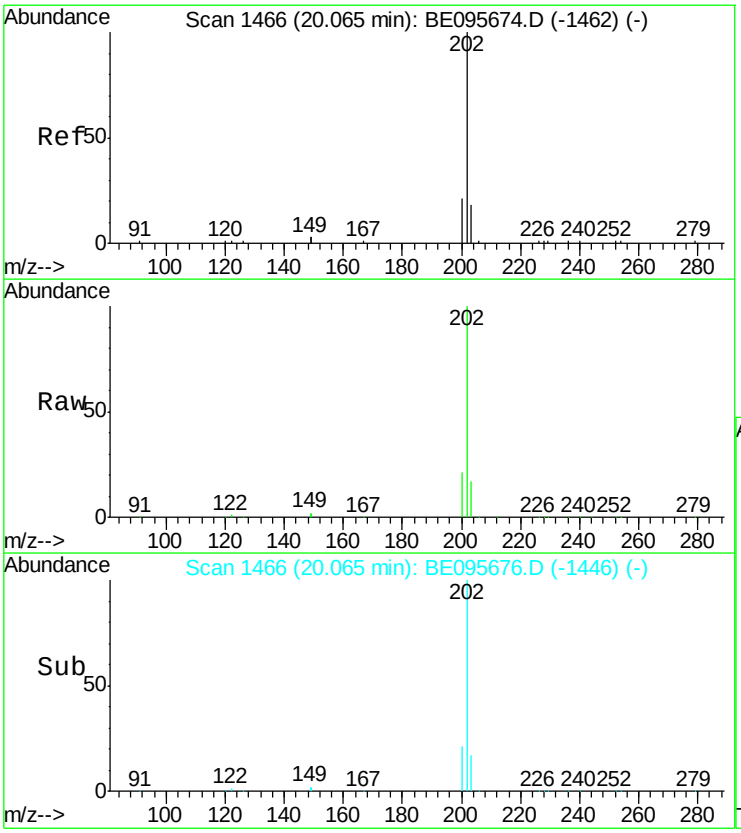
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.79 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 6570

Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.5	8.3#
236	28.5	20.7	31.1

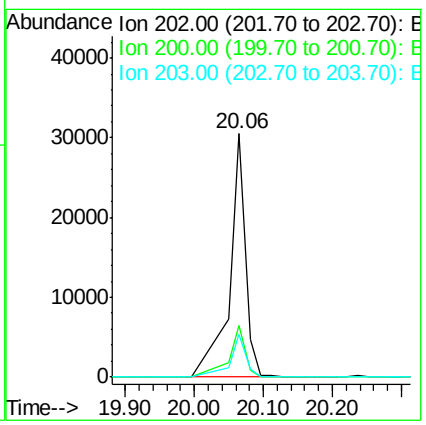


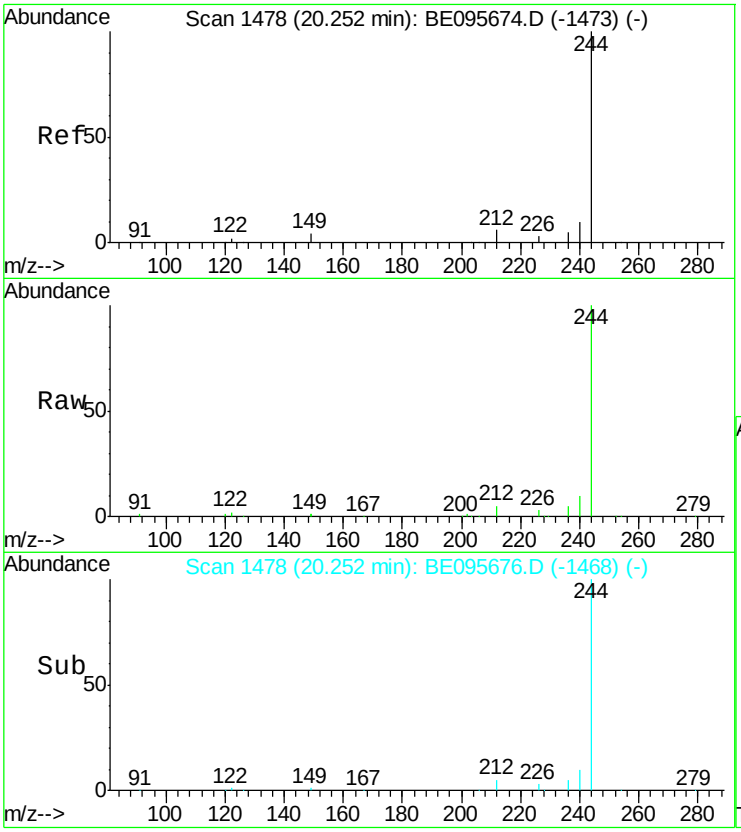


#28
Pyrene
Concen: 1.68 ng
RT: 20.06 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:202 Resp: 46239

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.4	13.8	20.8



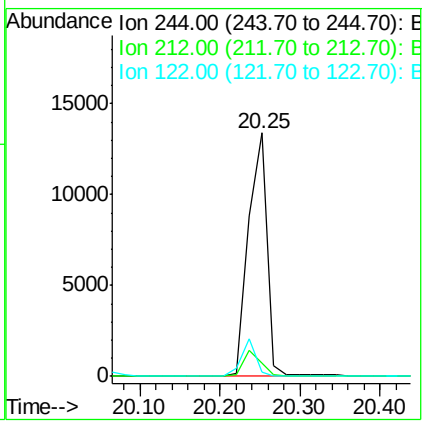


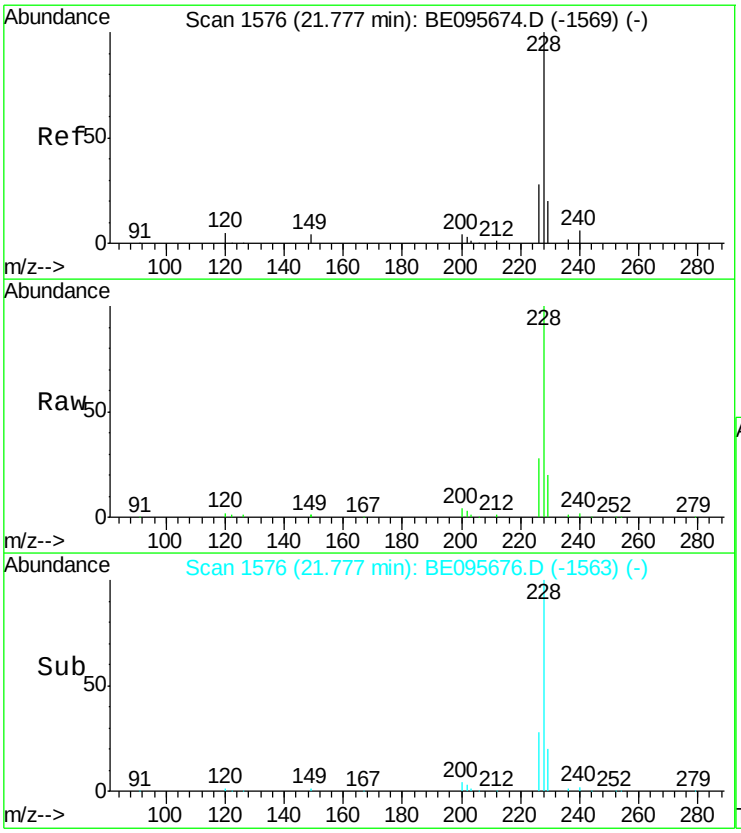
#29
Terphenyl-d14
Concen: 1.53 ng
RT: 20.25 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 21459

Ion	Ratio	Lower	Upper
244	100		
212	5.4	25.4	38.0#
122	1.8	8.1	12.1#

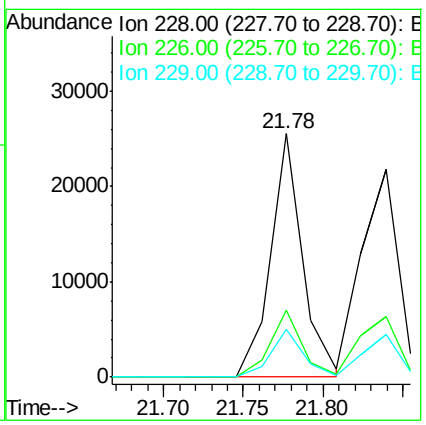


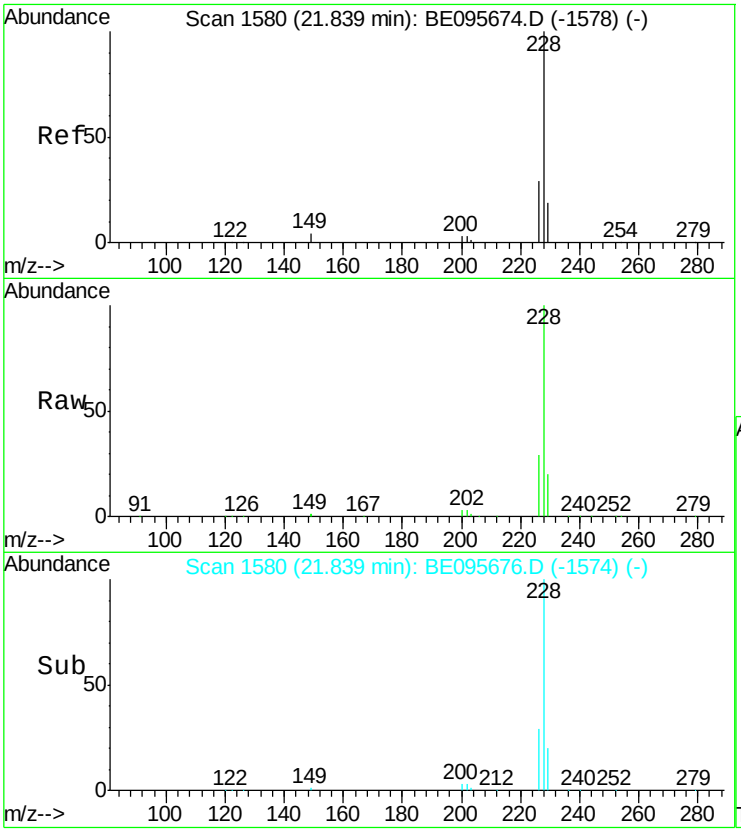


#30
Benzo(a)anthracene
Concen: 1.62 ng
RT: 21.78 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:228 Resp: 35457

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	19.7	16.0	24.0



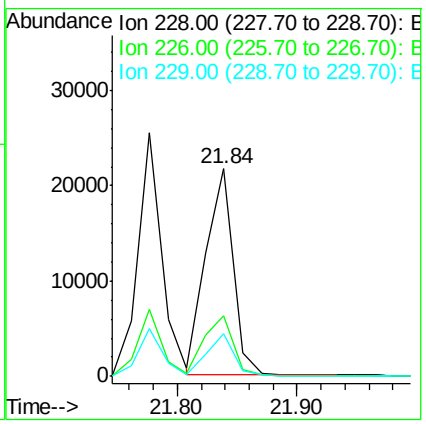


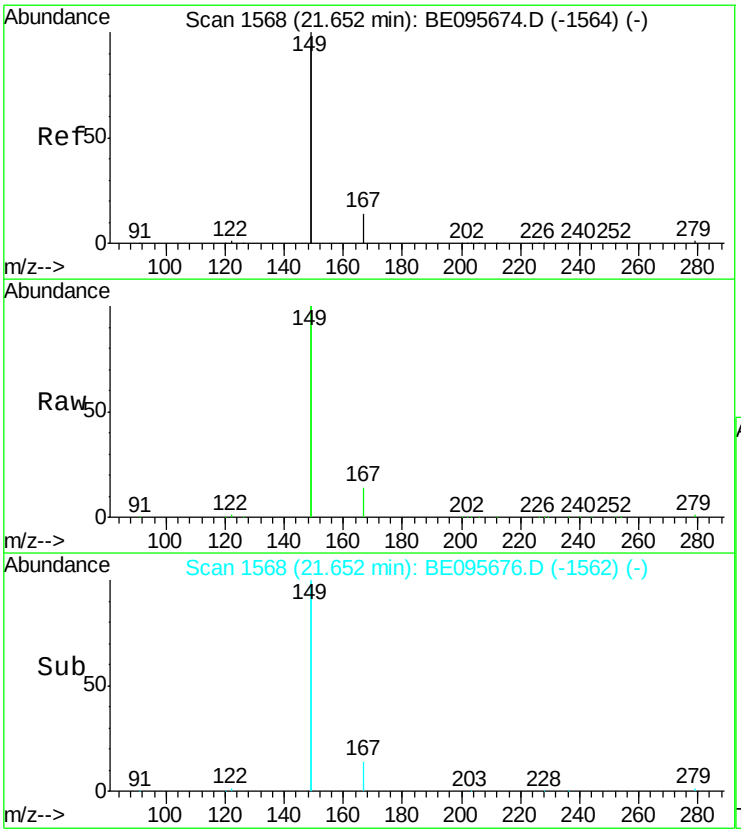
#31
Chrysene
Concen: 1.61 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 34685

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	20.3	16.0	24.0

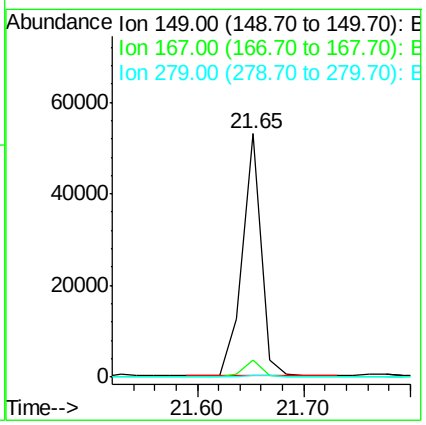


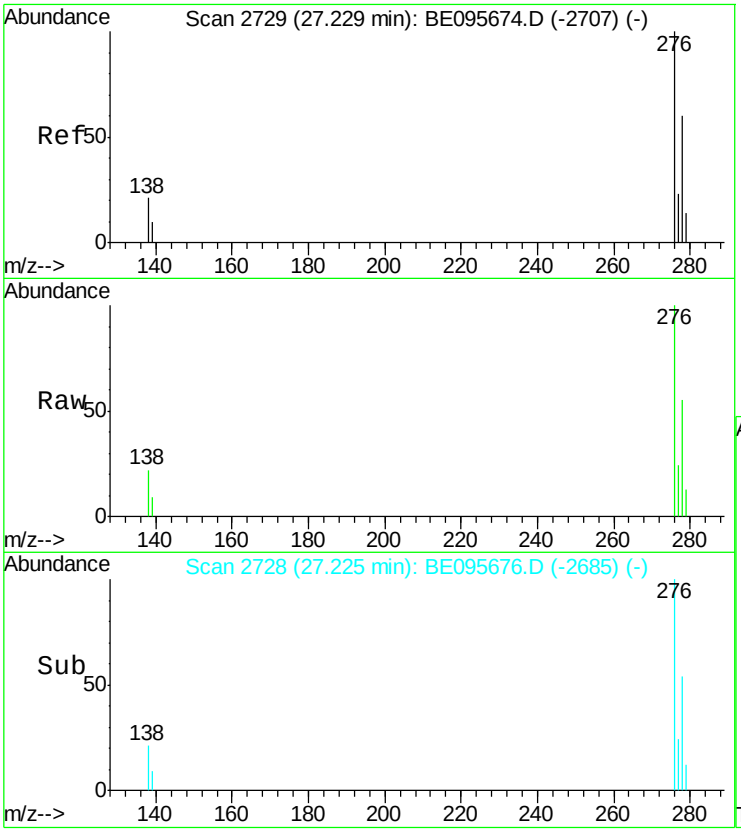


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.28 ng
RT: 21.65 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:149 Resp: 64377

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



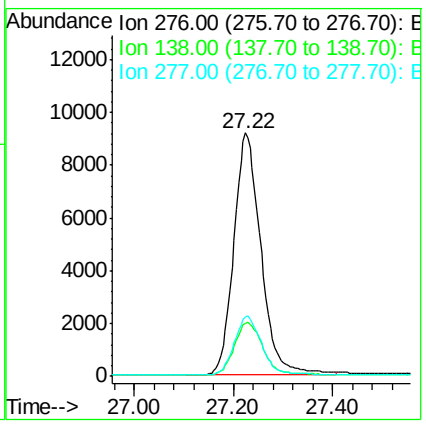


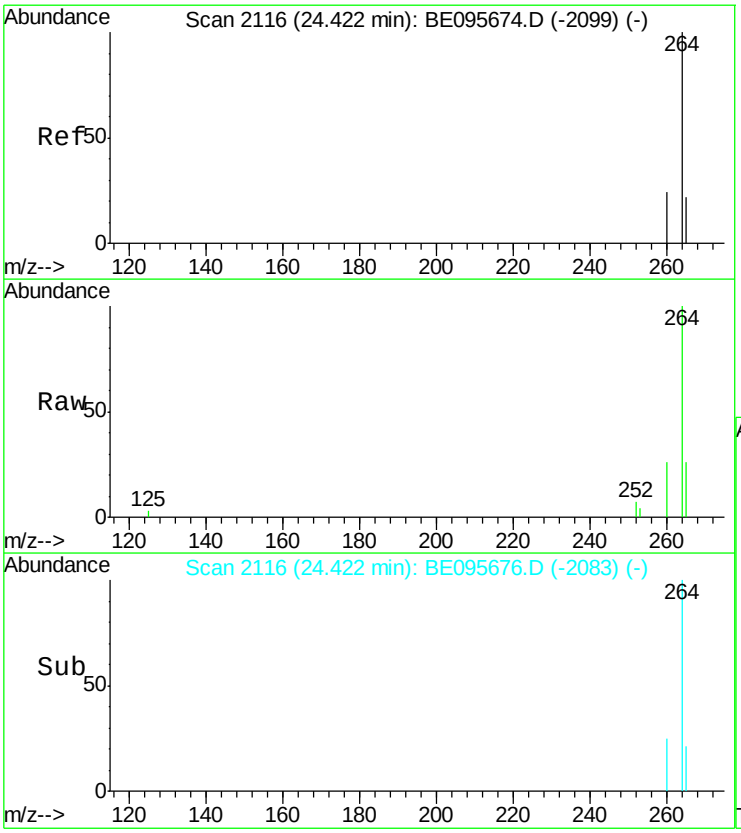
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.68 ng
RT: 27.22 min Scan# 2728
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 35022

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.5	33.7
277	24.9	19.9	29.9

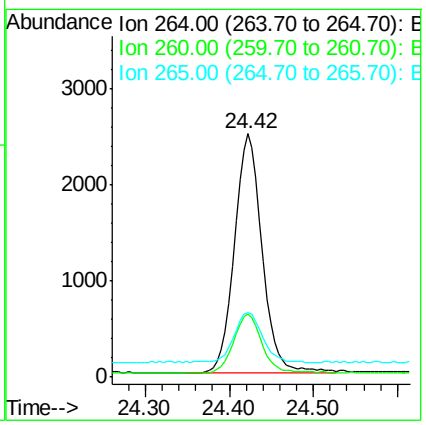


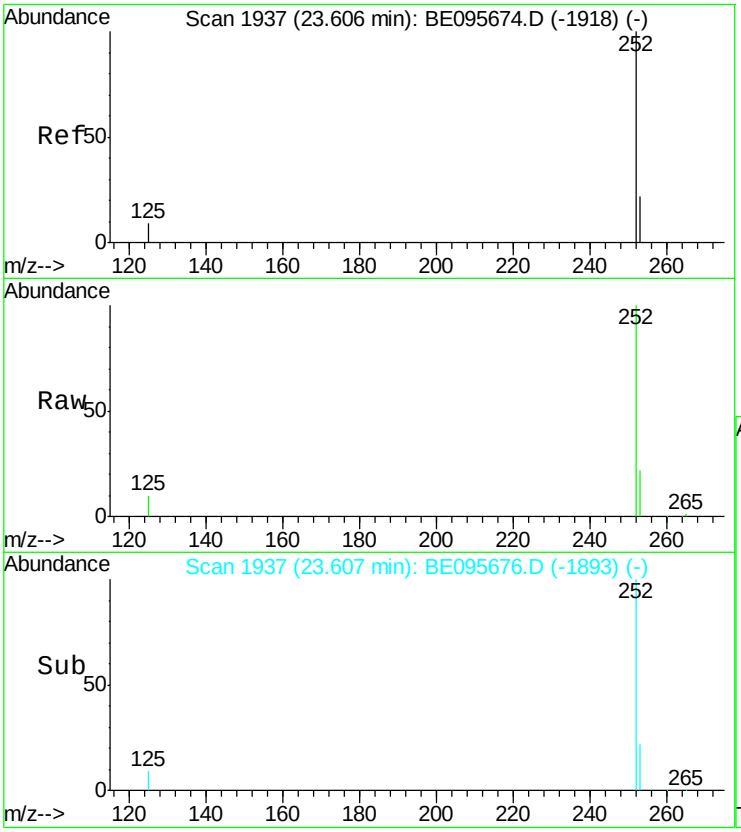


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.42 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:264 Resp: 5633

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	26.4	22.8	34.2



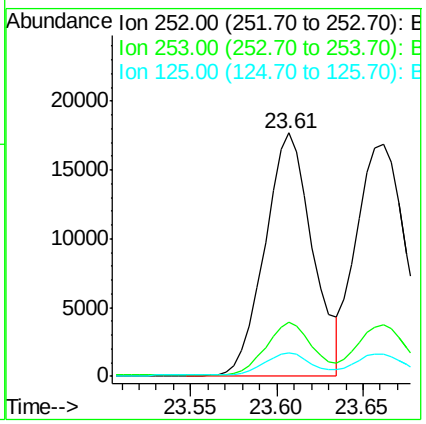


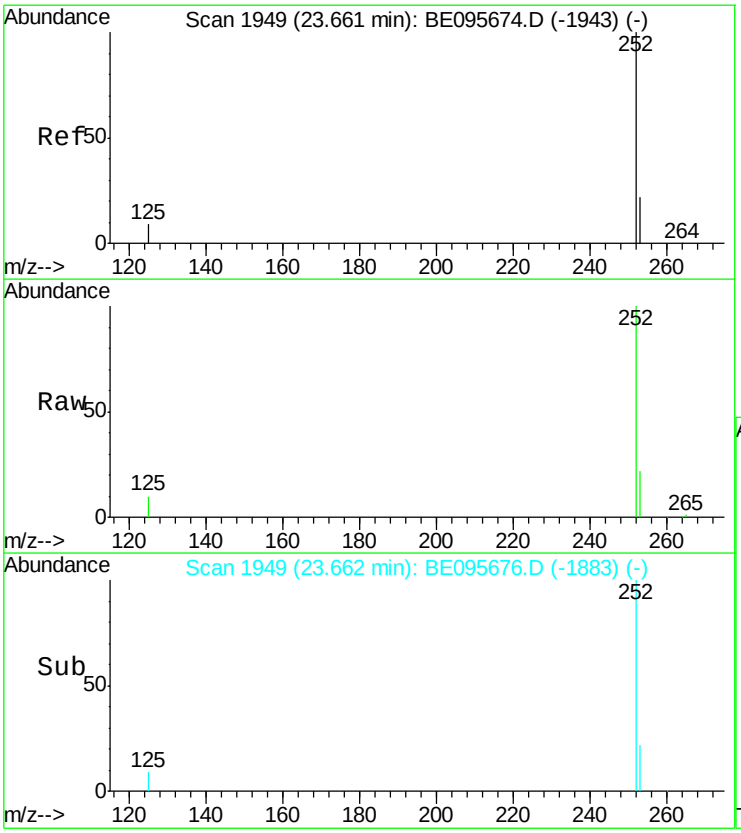
#35
Benzo(b)fluoranthene
Concen: 1.76 ng
RT: 23.61 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 33823

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.0	30.0
125	9.7	16.0	24.0#

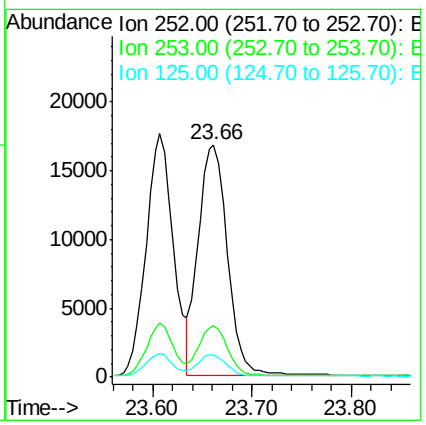


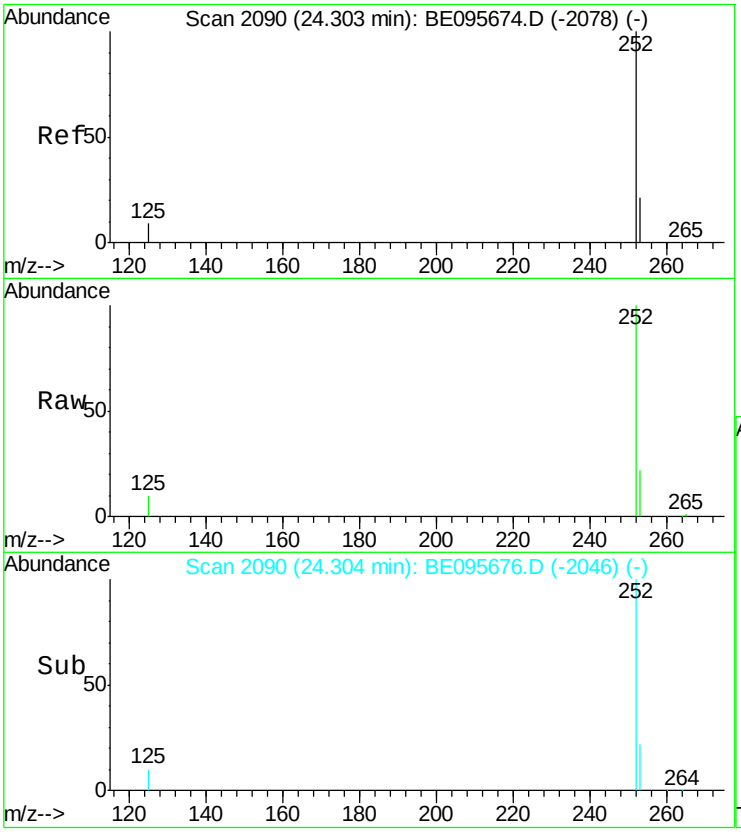


#36
Benzo(k)fluoranthene
Concen: 1.72 ng
RT: 23.66 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:252 Resp: 33972

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.0	24.0
125	9.6	8.0	12.0



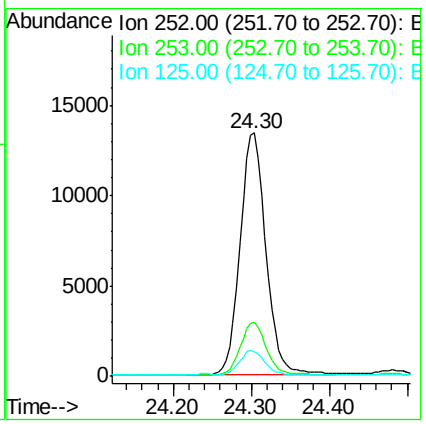


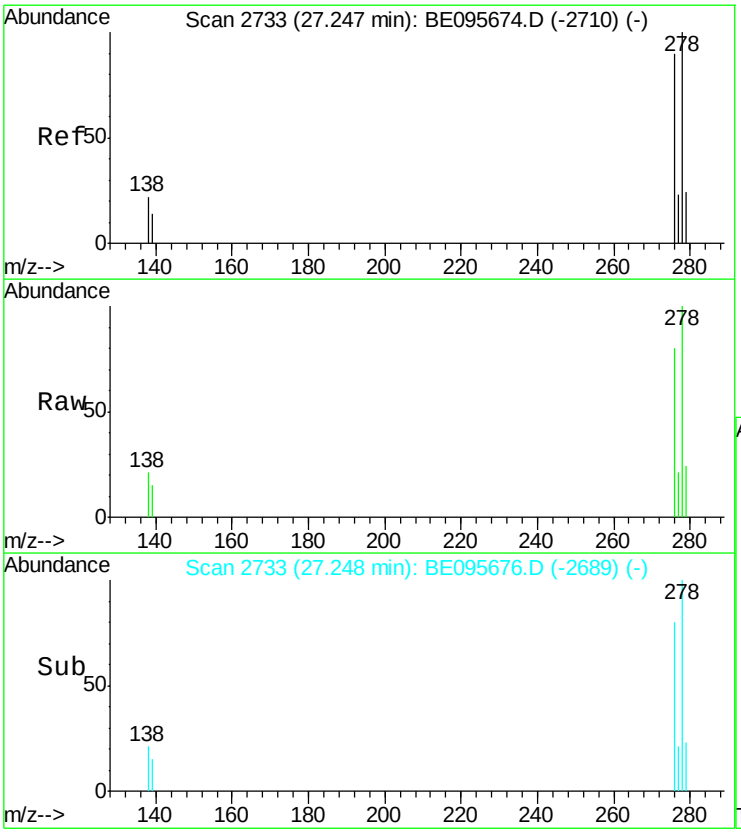
#37
Benzo(a)pyrene
Concen: 1.73 ng
RT: 24.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 30858

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.0	24.0
125	10.3	12.0	18.0#

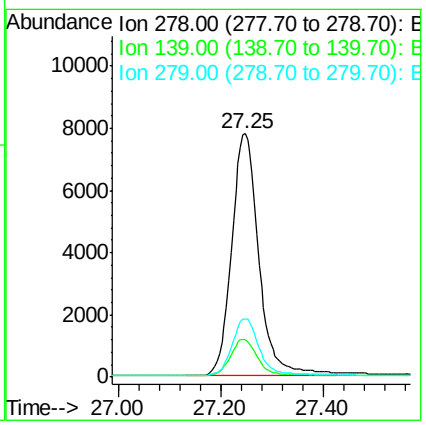


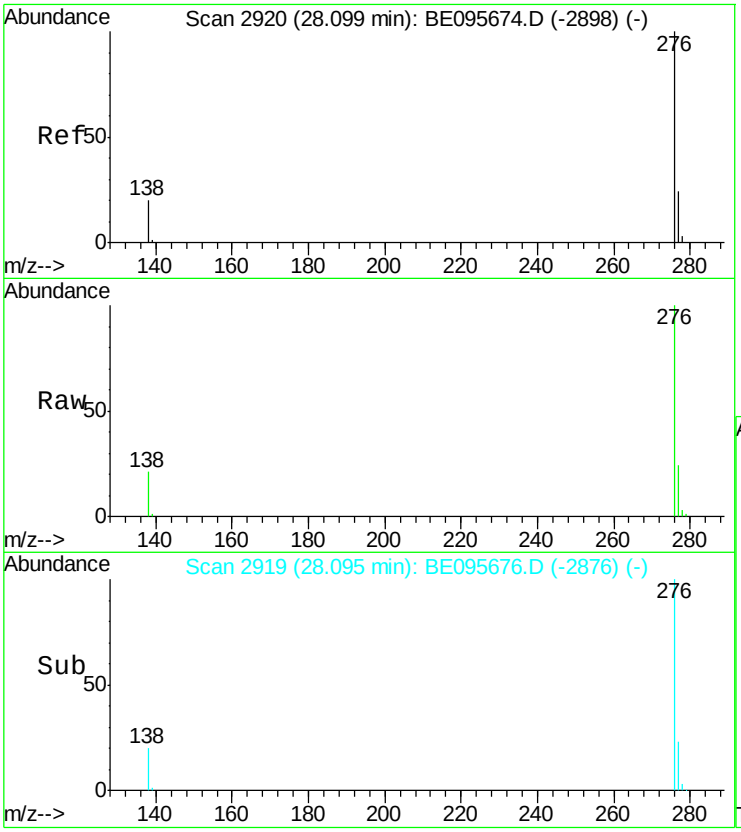


#38
Dibenzo(a,h)anthracene
Concen: 1.84 ng
RT: 27.25 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Tgt Ion:278 Resp: 28769

Ion	Ratio	Lower	Upper
278	100		
139	15.3	16.0	24.0#
279	23.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.75 ng
RT: 28.10 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095676.D
Acq: 23 Feb 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 29403

Ion	Ratio	Lower	Upper
276	100		
277	23.9	16.0	24.0
138	20.8	20.0	30.0