Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
Data File : BE095683.D
Acq On : 23 Feb 2018 15:07
Operator : SJ/JU
Sample : PB106752BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 23 15:56:39 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 12:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.421	152	1335	0.40	ng		-0.01
7) Naphthalene-d8	11.259	136	4761	0.40	ng		-0.02
13) Acenaphthene-d10	15.002	164	2504	0.40	ng		0.00
19) Phenanthrene-d10	17.699	188	5583	0.40	ng		0.00
27) Chrysene-d12	21.792	240	6427	0.40	ng		0.00
34) Perylene-d12	24.422	264	6007	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.915	112	1656	0.47	ng		0.00
5) Phenol-d6	7.552	99	2102	0.43	ng		0.00
8) Nitrobenzene-d5	9.597	82	2083	0.42	ng		-0.02
11) 2-Methylnaphthalene-d10	12.804	152	3382	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.473	330	353	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.639	172	4663	0.42	ng		0.00
25) Fluoranthene-d10	19.685	212	32621	0.45	ng		0.00
29) Terphenyl-d14	20.251	244	5218	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	659	0.31	ng	#	22
3) n-Nitrosodimethylamine	3.989	42	910	0.35	ng	#	87
6) bis(2-Chloroethyl)ether	7.816	93	1714	0.34	ng		94
9) Naphthalene	11.309	128	18875	0.34	ng		100
10) Hexachlorobutadiene	11.572	225	1159	0.36	ng		98
12) 2-Methylnaphthalene	12.877	142	3186	0.34	ng		97
16) Acenaphthylene	14.735	152	4336	0.31	ng		100
17) Acenaphthene	15.061	154	2719	0.31	ng		93
18) Fluorene	16.025	166	3465	0.32	ng	#	78
20) 4-Bromophenyl-phenylether	16.892	248	1116	0.32	ng	#	70
21) Hexachlorobenzene	17.026	284	1159	0.32	ng	#	83
22) Pentachlorophenol	17.355	266	545	0.59	ng	#	74
23) Phenanthrene	17.744	178	5921	0.34	ng		100
24) Anthracene	17.834	178	5400	0.34	ng	#	94
26) Fluoranthene	19.714	202	7570	0.35	ng		97
28) Pyrene	20.064	202	8891	0.34	ng		99
30) Benzo(a)anthracene	21.776	228	7227	0.34	ng		98
31) Chrysene	21.838	228	7129	0.34	ng		99
32) Bis(2-ethylhexyl)phtha...	21.652	149	13050	0.35	ng		100
33) Indeno(1,2,3-cd)pyrene	27.225	276	7363	0.36	ng	#	94
35) Benzo(b)fluoranthene	23.607	252	7100	0.33	ng	#	90
36) Benzo(k)fluoranthene	23.657	252	6999	0.33	ng		93
37) Benzo(a)pyrene	24.303	252	6724	0.35	ng		93
38) Dibenzo(a,h)anthracene	27.248	278	5818	0.34	ng		96
39) Benzo(g,h,i)perylene	28.100	276	6325	0.34	ng	#	92

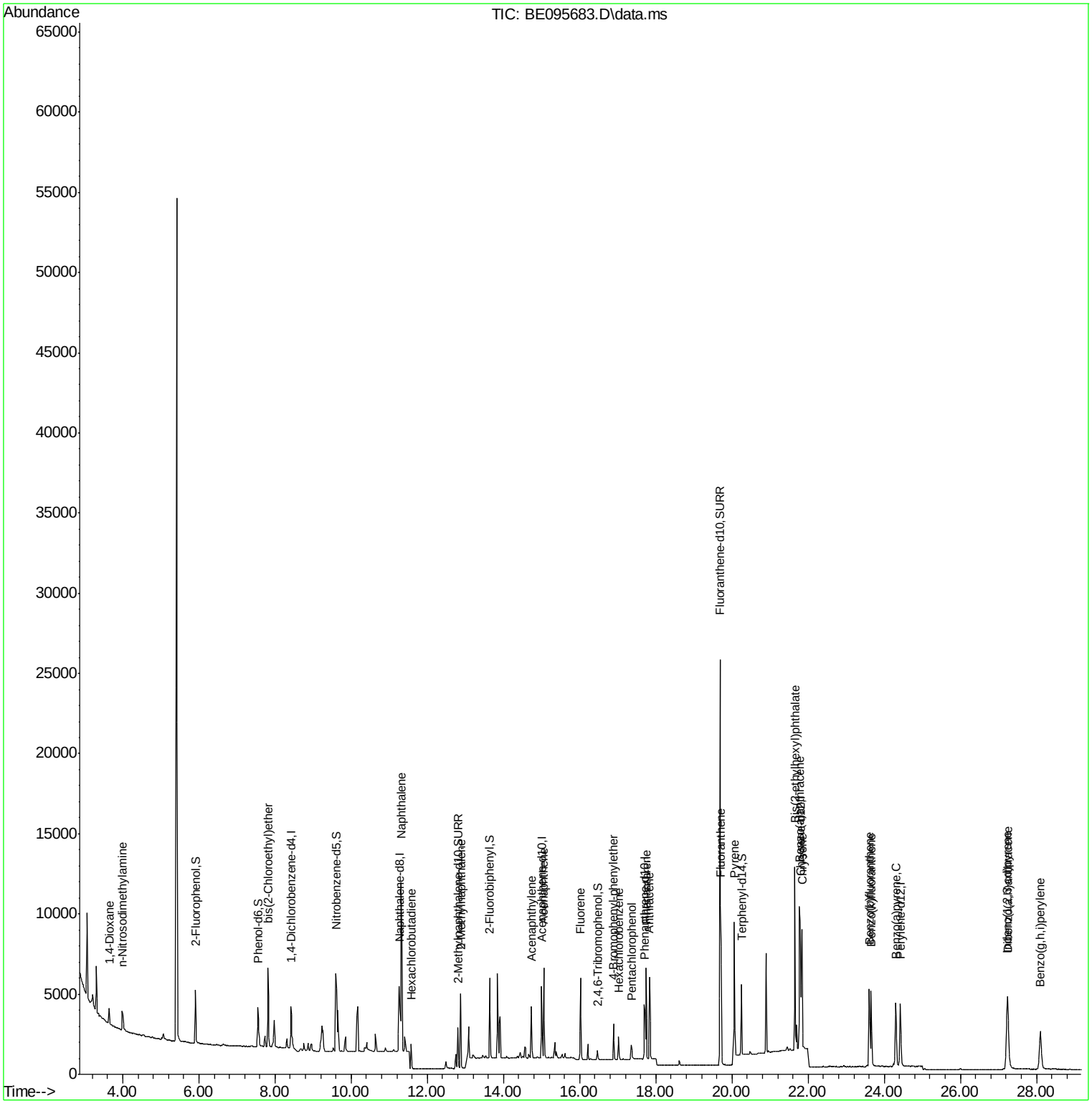
(#) = qualifier out of range (m) = manual integration (+) = signals summed

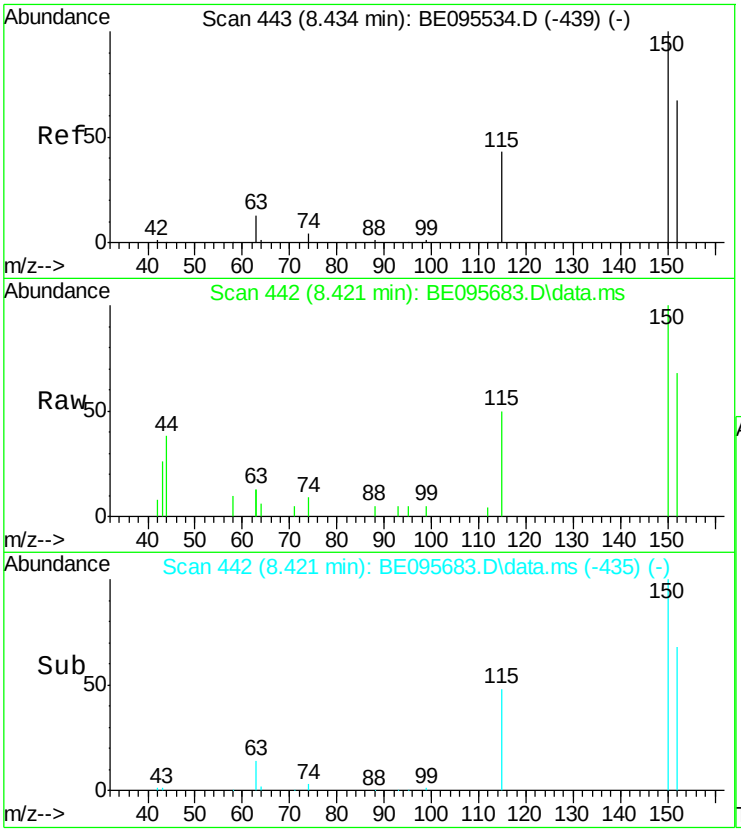
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
Data File : BE095683.D
Acq On : 23 Feb 2018 15:07
Operator : SJ/JU
Sample : PB106752BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 23 15:56:39 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 12:12:42 2018
Response via : Initial Calibration



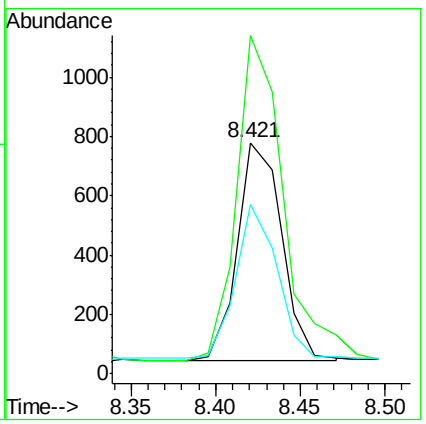


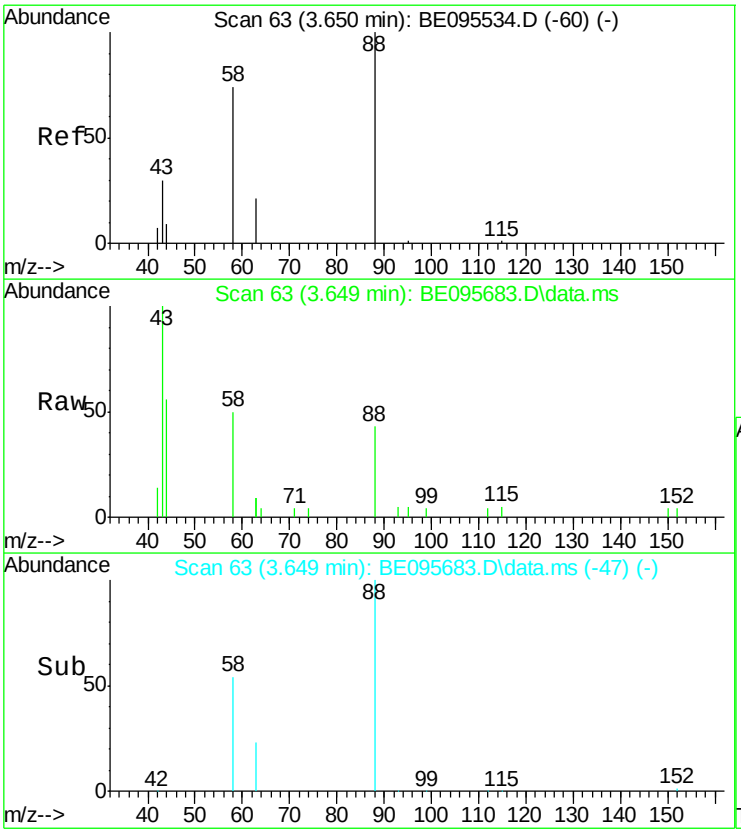
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.421 min Scan# 44
Delta R.T. -0.013 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1335

Ion	Ratio	Lower	Upper
152	100		
150	146.3	117.2	175.8
115	73.2	57.0	85.6

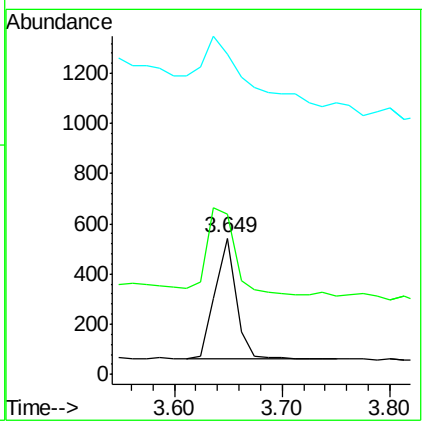


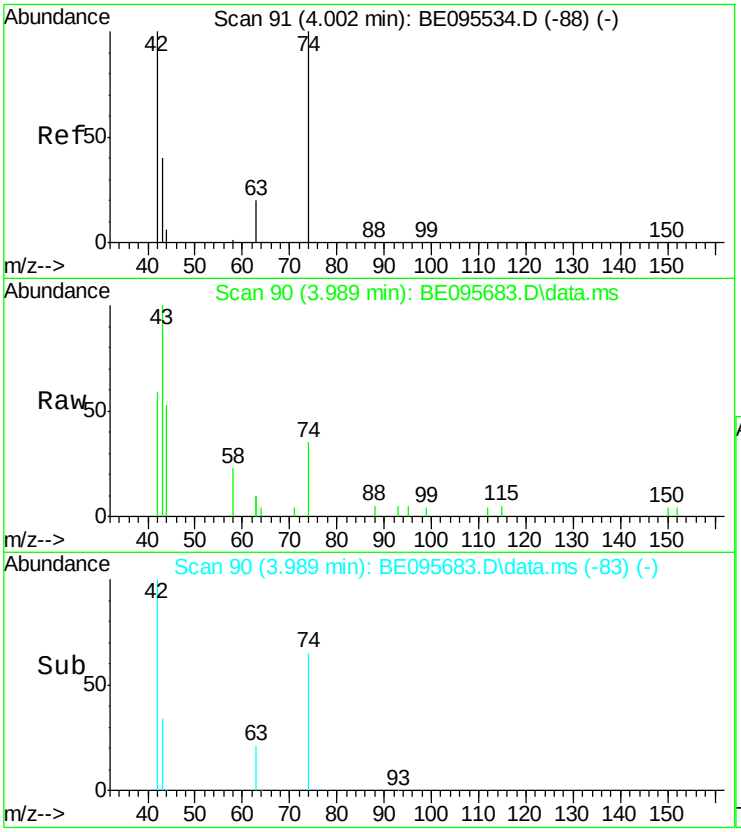


#2
1,4-Dioxane
Concen: 0.31 ng
RT: 3.649 min Scan# 63
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion: 88 Resp: 659

Ion	Ratio	Lower	Upper
88	100		
58	93.9	63.2	94.8
43	171.3	41.2	61.8#



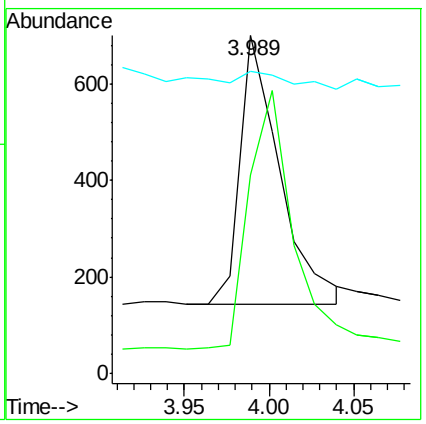


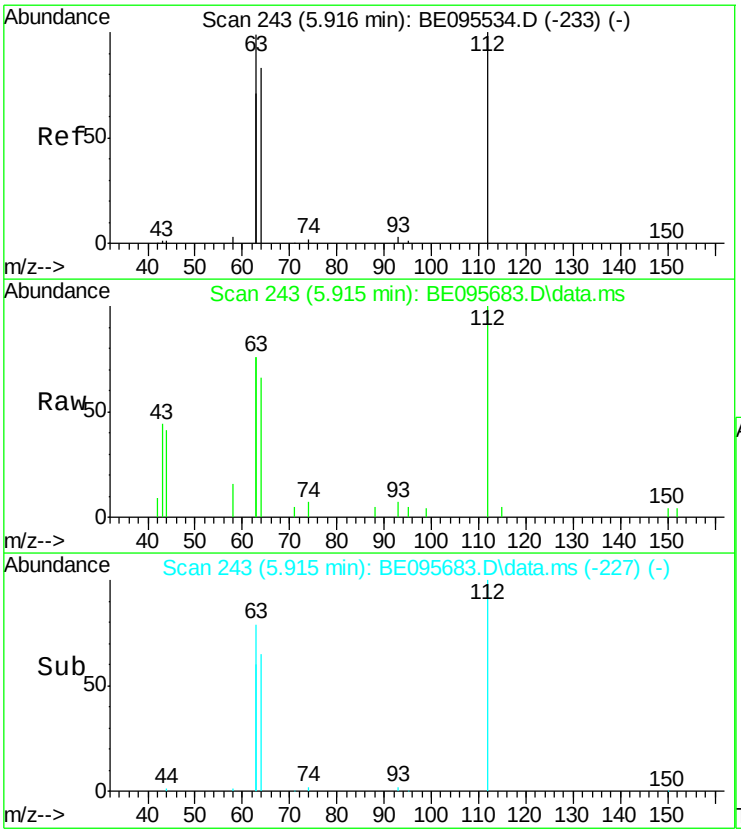
#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.989 min Scan# 90
Delta R.T. -0.013 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 910

Ion	Ratio	Lower	Upper
42	100		
74	105.5	96.0	144.0
44	7.9	12.0	18.0#

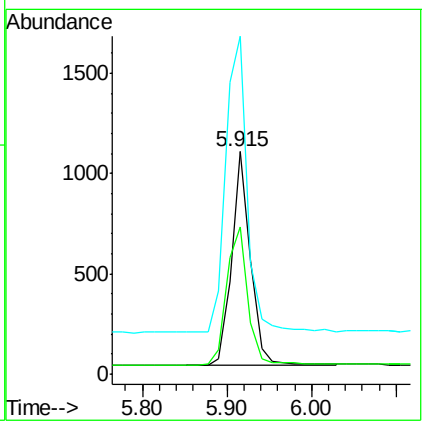


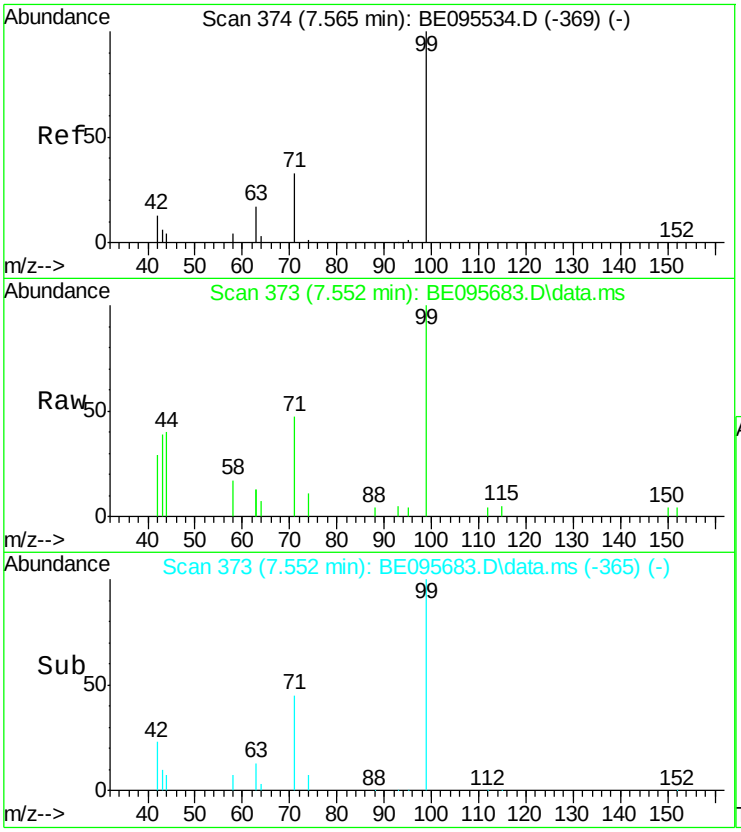


#4
2-Fluorophenol
Concen: 0.47 ng
RT: 5.915 min Scan# 243
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:112 Resp: 1656

Ion	Ratio	Lower	Upper
112	100		
64	72.6	60.1	90.1
63	160.4	116.8	175.2



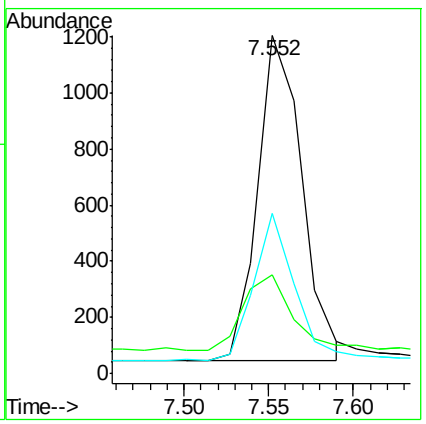


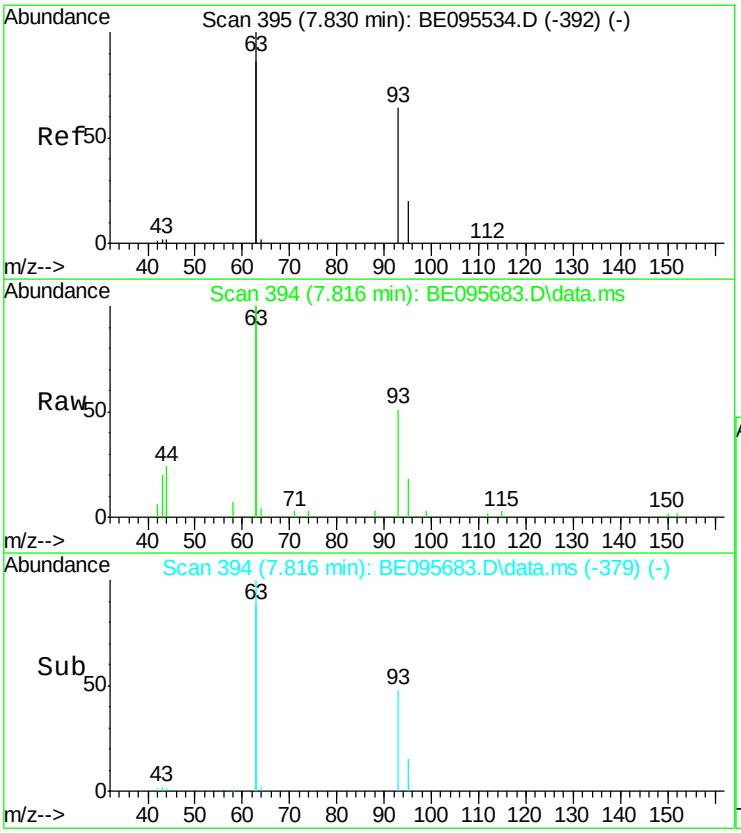
#5
Phenol-d6
Concen: 0.43 ng
RT: 7.552 min Scan# 37
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2102

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.2	30.2
71	41.5	28.4	42.6

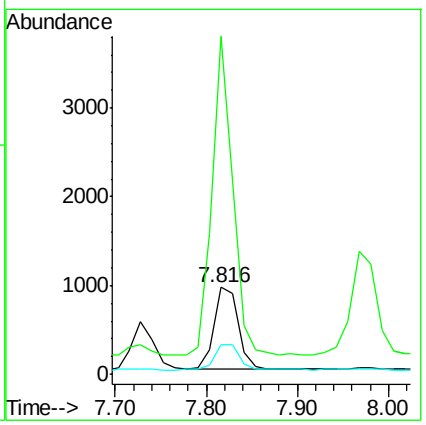


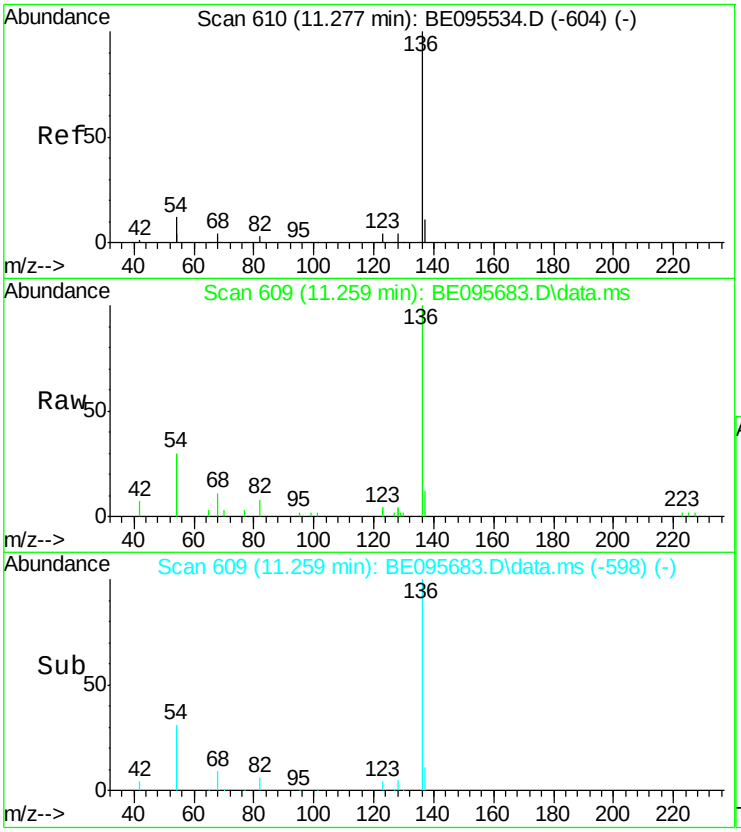


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.816 min Scan# 394
Delta R.T. -0.013 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion: 93 Resp: 1714

Ion	Ratio	Lower	Upper
93	100		
63	330.5	275.3	412.9
95	32.0	25.2	37.8



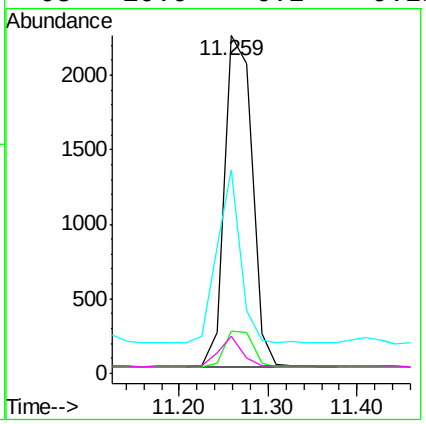


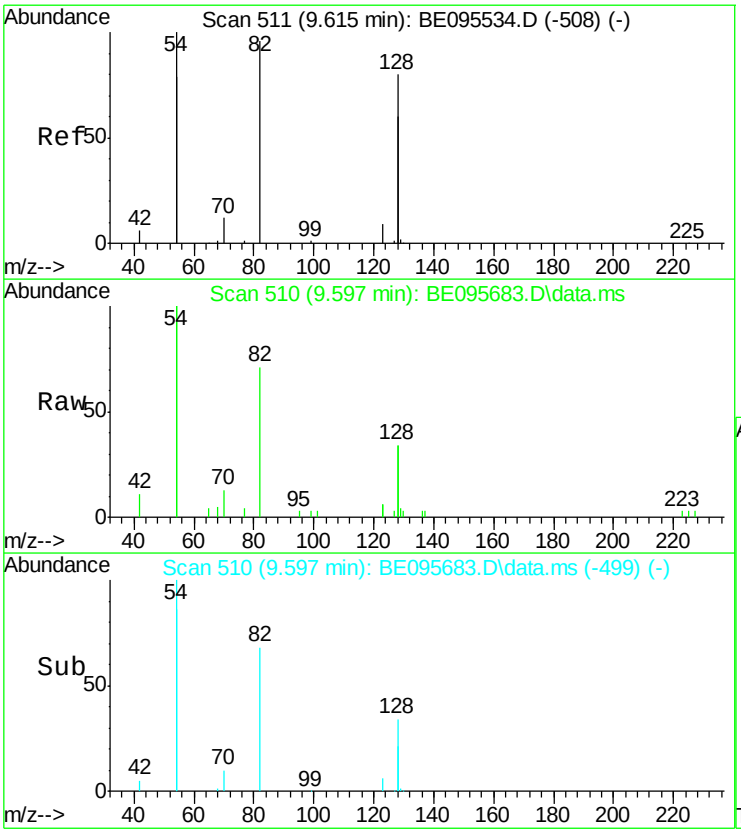
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.259 min Scan# 60
Delta R.T. -0.017 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4761

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	60.4	29.1	43.7#
68	10.9	6.2	9.2#

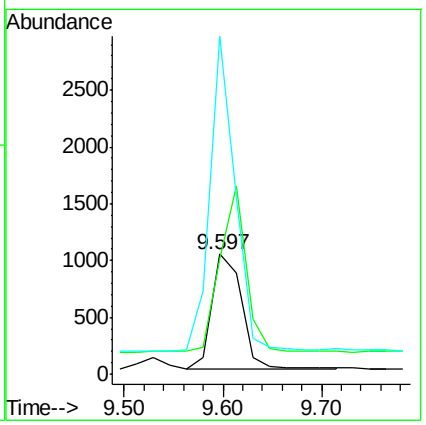


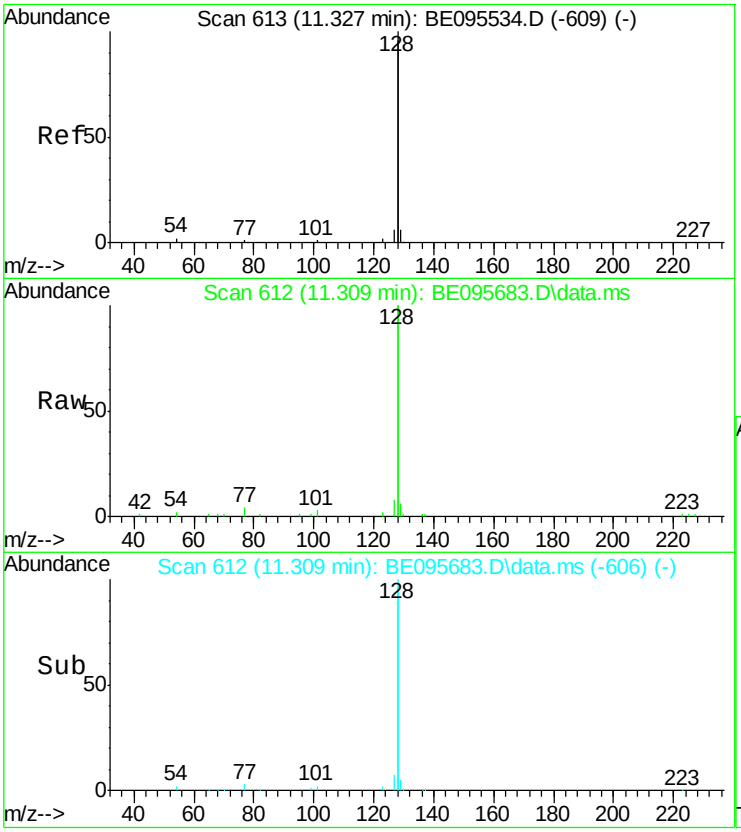


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 9.597 min Scan# 510
Delta R.T. -0.017 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion: 82 Resp: 2083

Ion	Ratio	Lower	Upper
82	100		
128	95.8	150.0	225.0#
54	281.6	154.2	231.4#



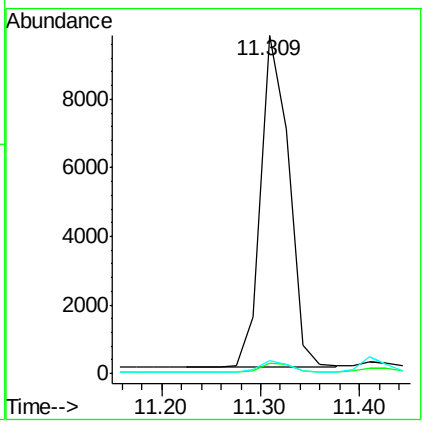


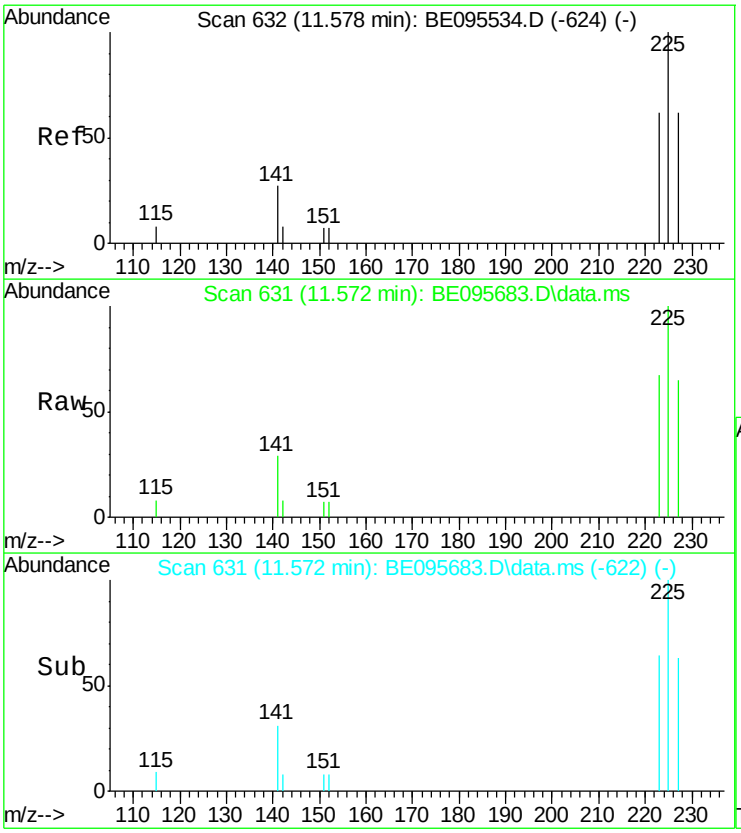
#9
Naphthalene
Concen: 0.34 ng
RT: 11.309 min Scan# 61
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 18875

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.8	2.8	4.2

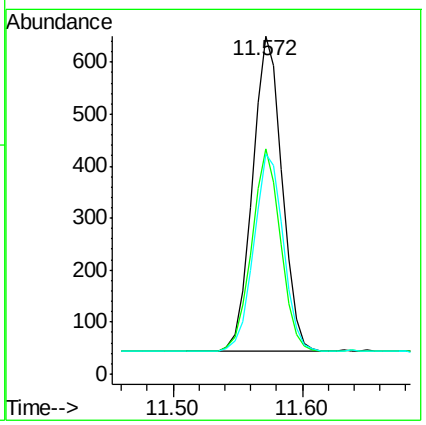


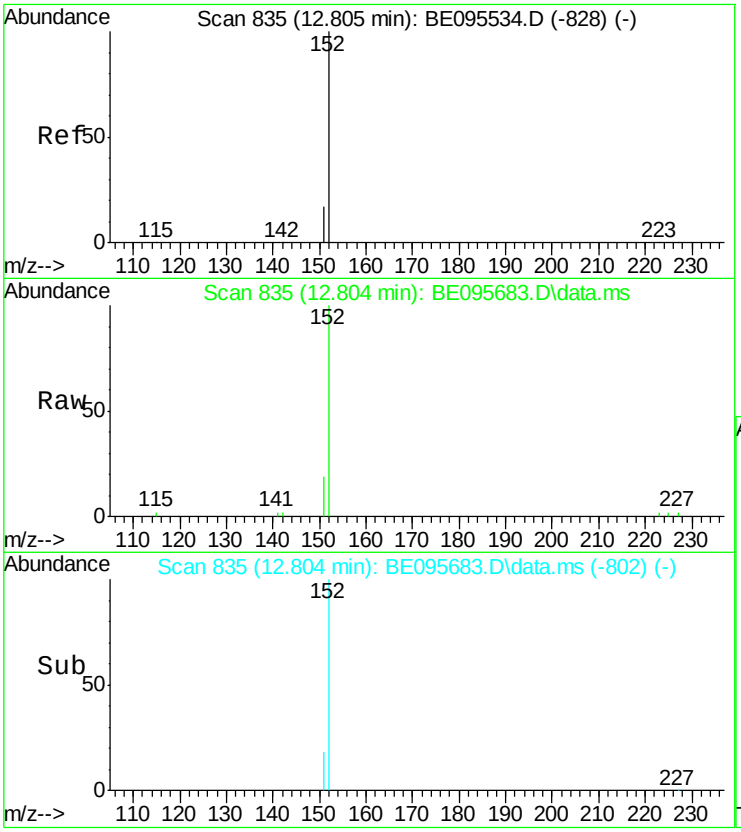


#10
Hexachlorobutadiene
Concen: 0.36 ng
RT: 11.572 min Scan# 631
Delta R.T. 0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:225 Resp: 1159

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	63.5	51.4	77.2



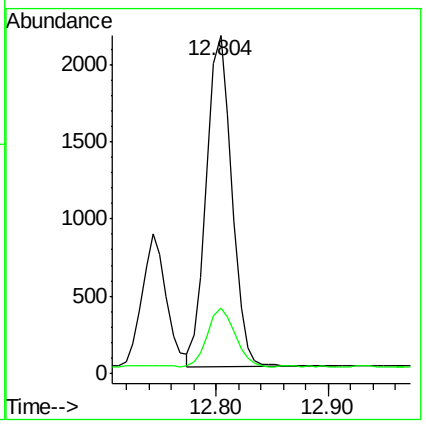


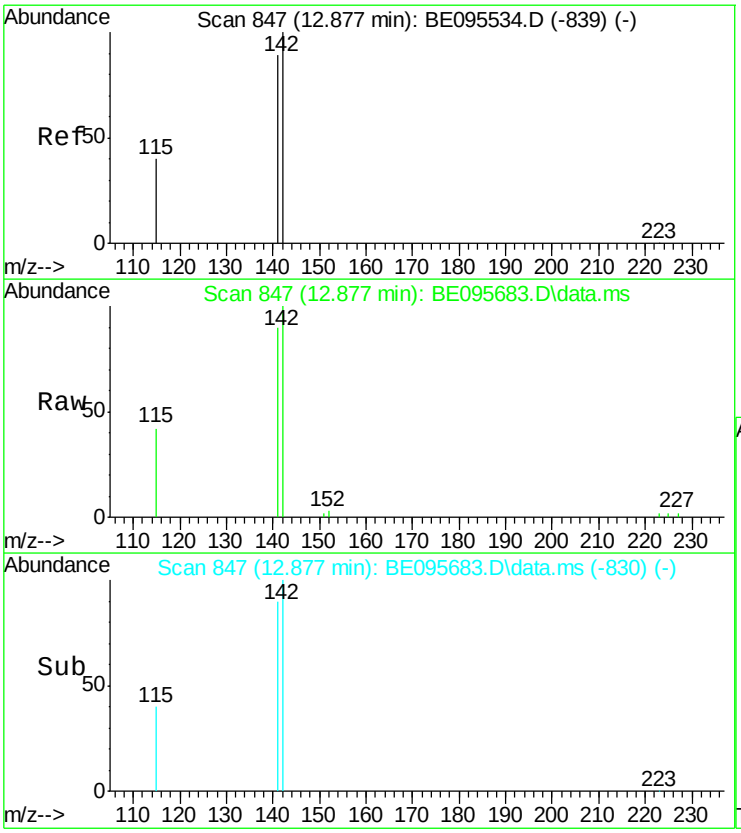
#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.804 min Scan# 83
Delta R.T. 0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3382

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

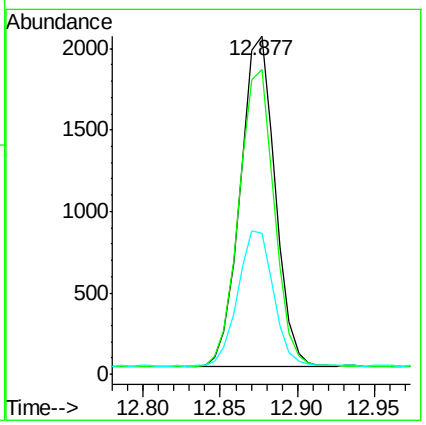


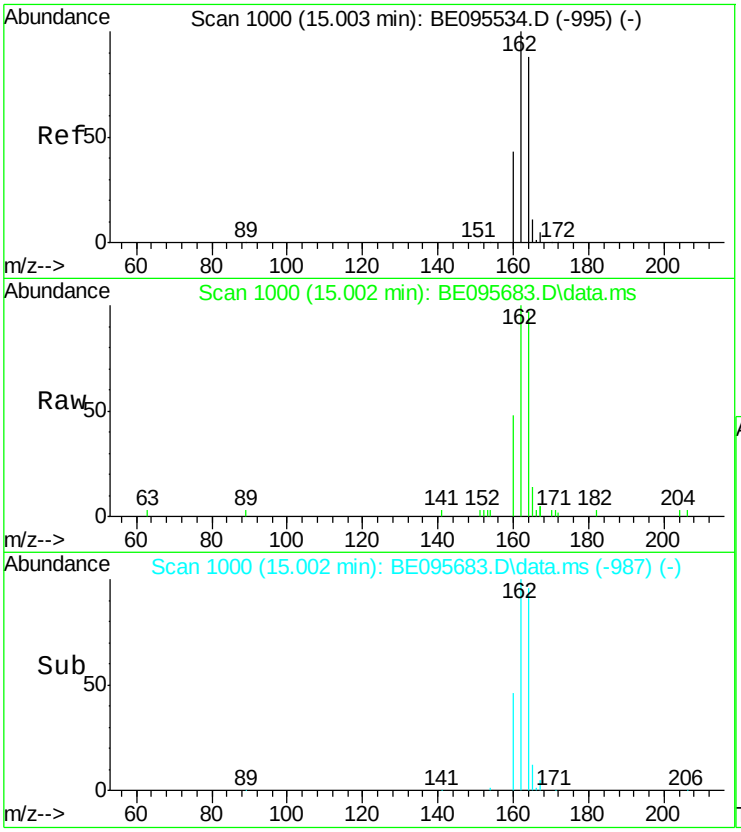


#12
2-Methylnaphthalene
Concen: 0.34 ng
RT: 12.877 min Scan# 847
Delta R.T. 0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:142 Resp: 3186

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	41.5	31.7	47.5



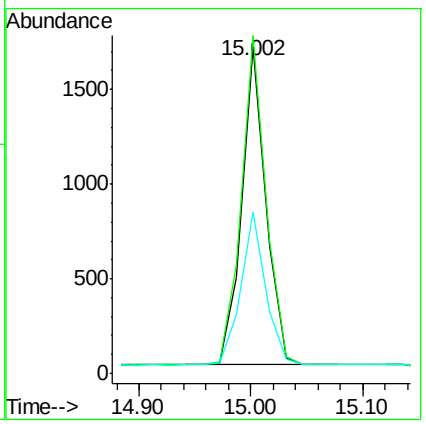


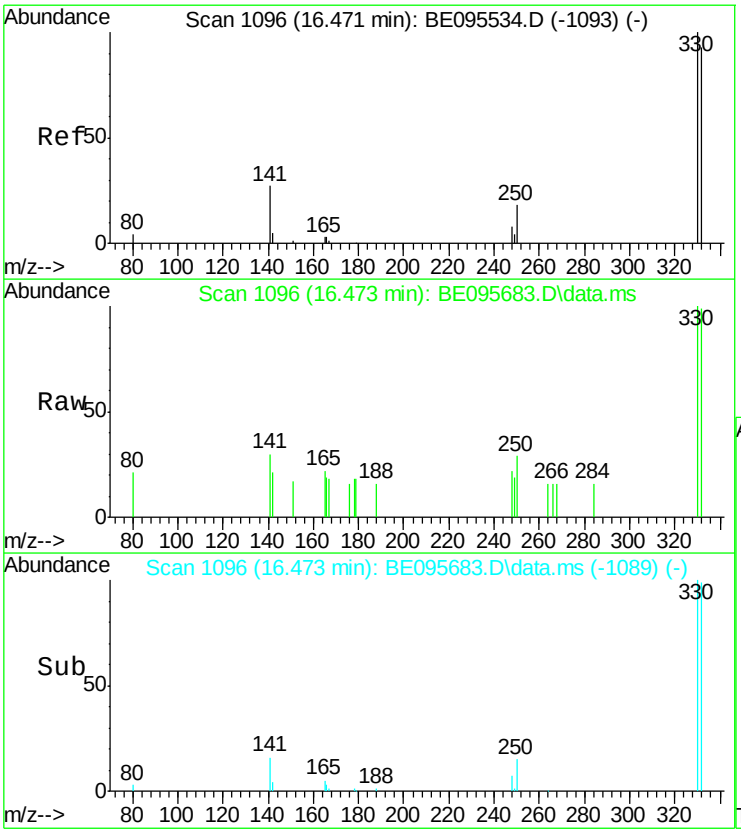
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.002 min Scan# 10
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2504

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	49.3	37.1	55.7

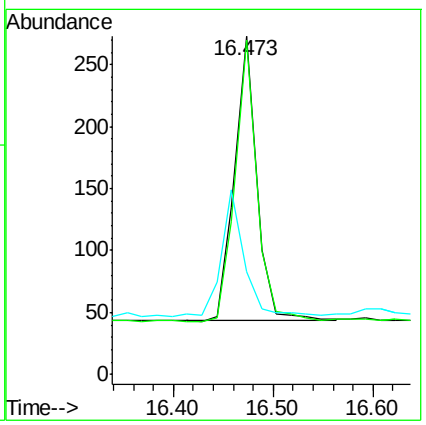


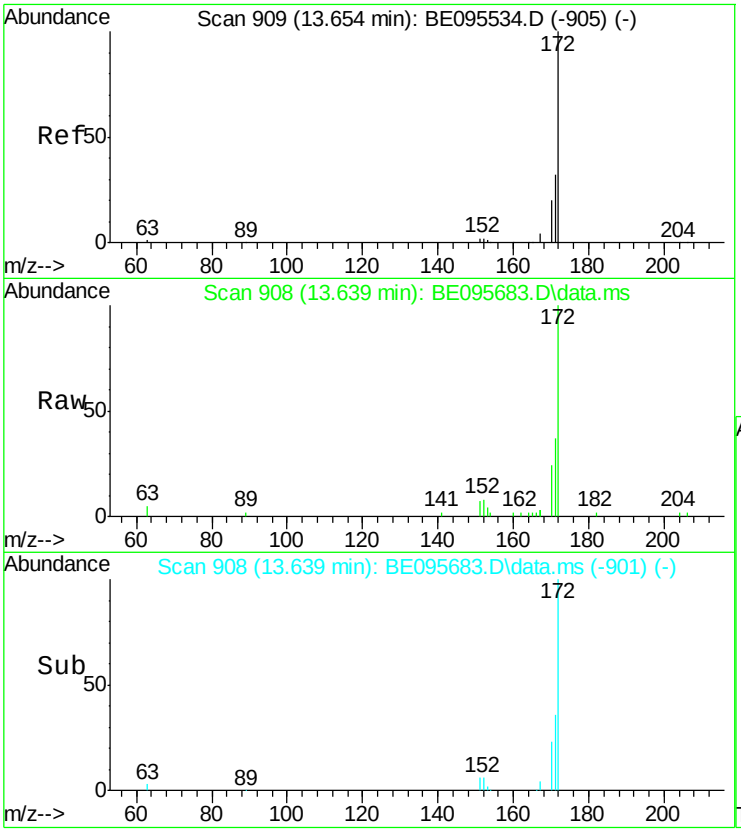


#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 16.473 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:330 Resp: 353

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	46.7	33.7	50.5



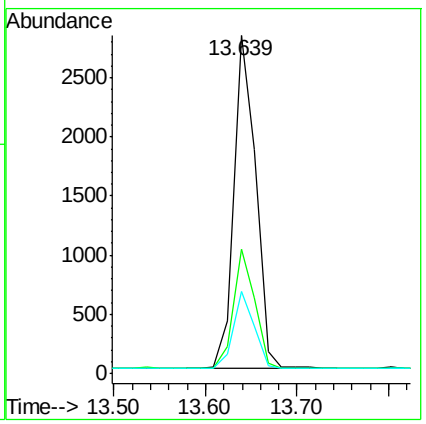


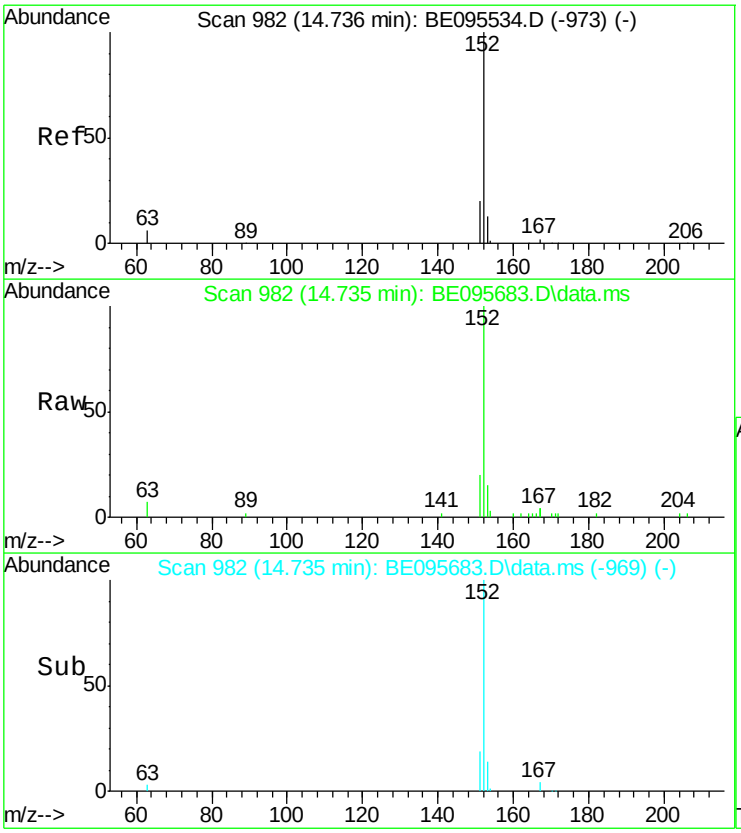
#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.639 min Scan# 90
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4663

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.2	21.8	32.8

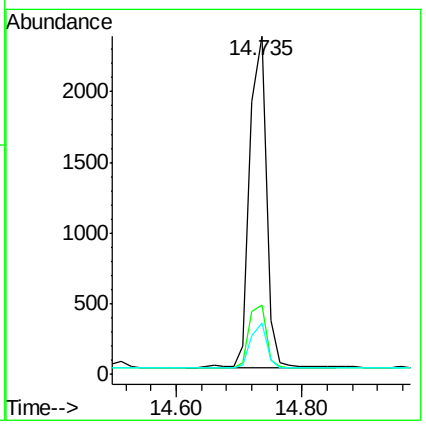


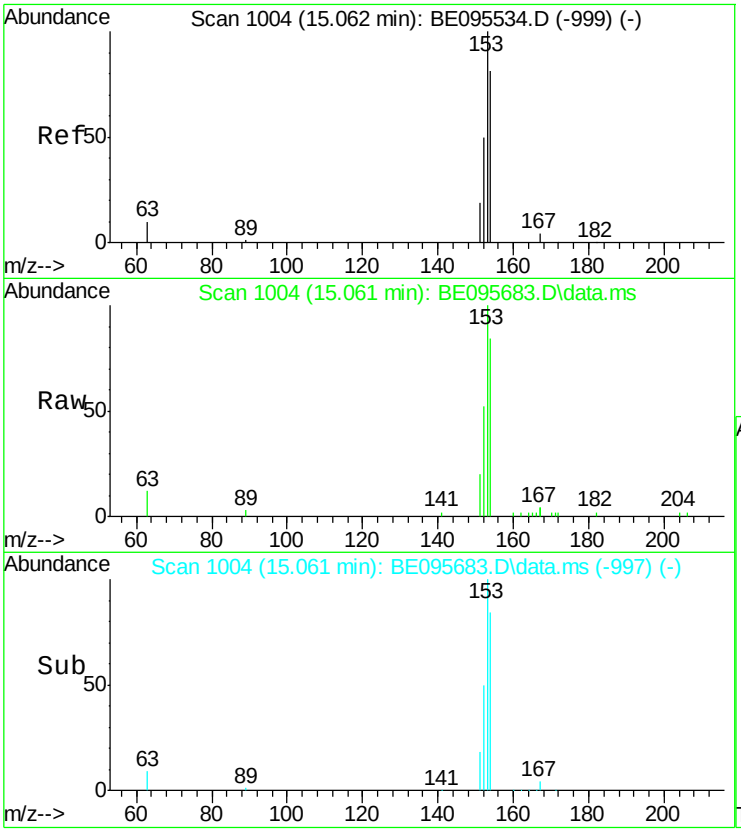


#16
Acenaphthylene
Concen: 0.31 ng
RT: 14.735 min Scan# 982
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:152 Resp: 4336

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.9	10.5	15.7



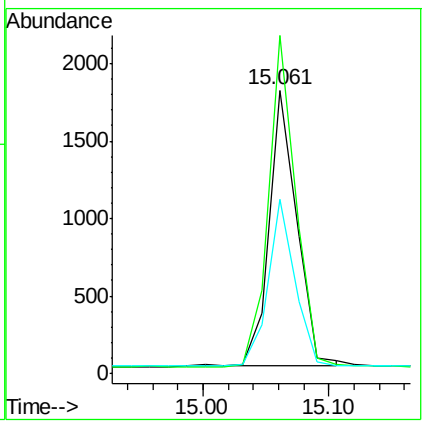


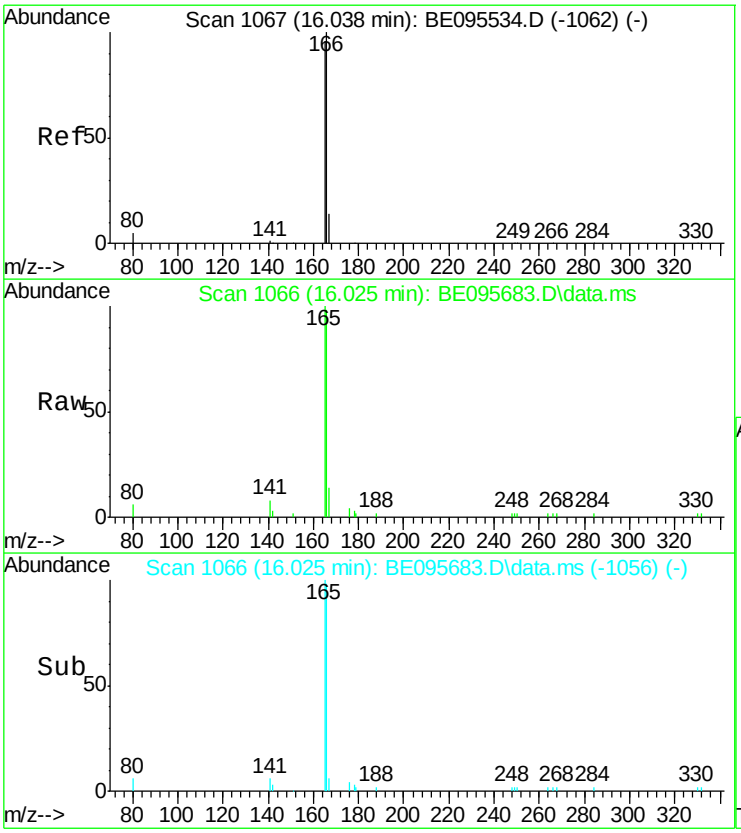
#17
Acenaphthene
Concen: 0.31 ng
RT: 15.061 min Scan# 10
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2719

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	59.2	42.0	63.0

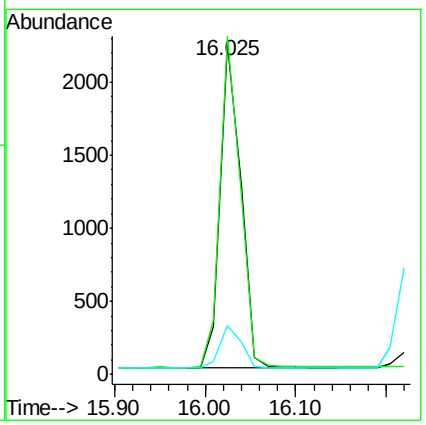


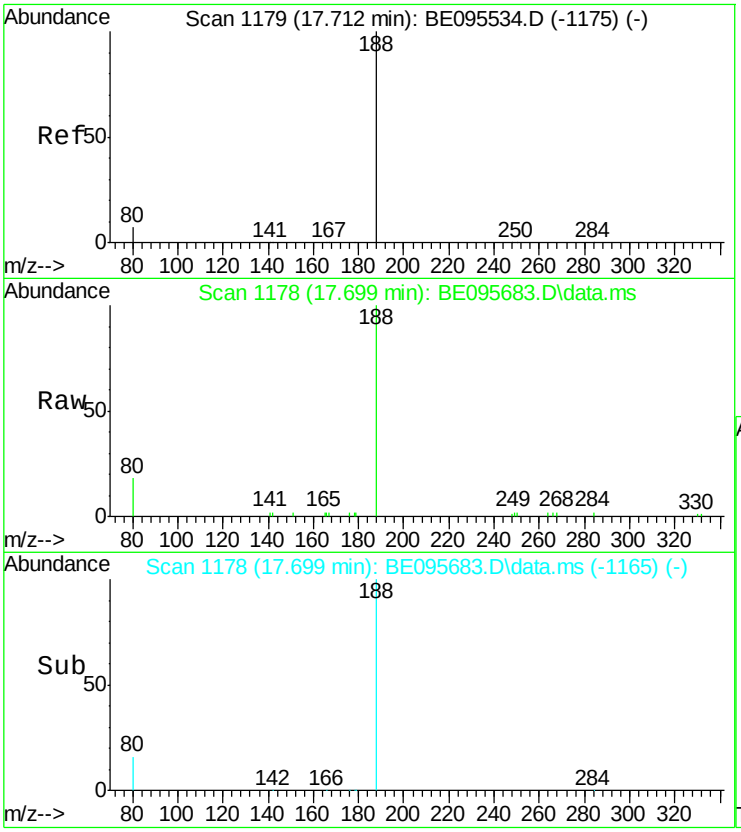


#18
Fluorene
Concen: 0.32 ng
RT: 16.025 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:166 Resp: 3465

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.8	116.6
167	13.9	42.4	63.6#



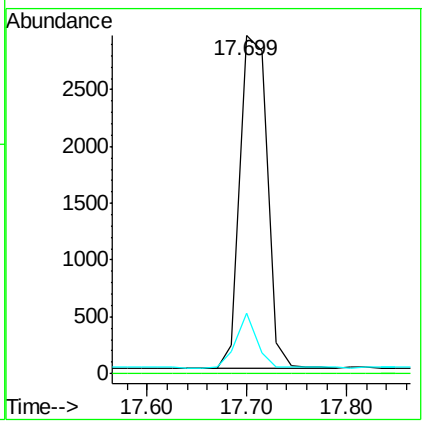


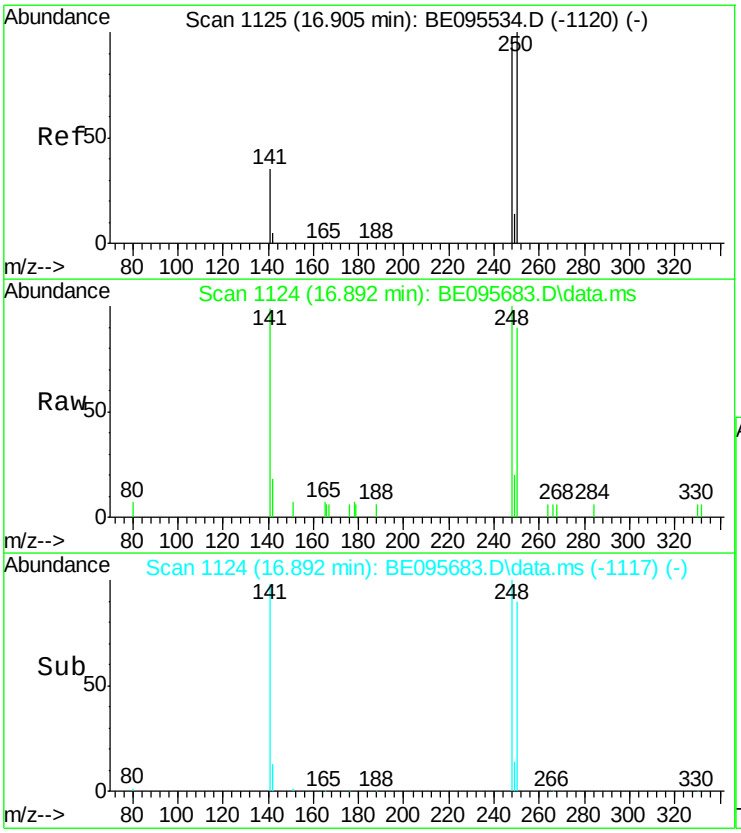
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.699 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5583

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.7	3.6	5.4#

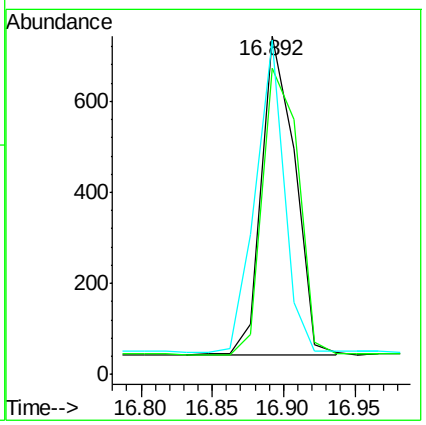


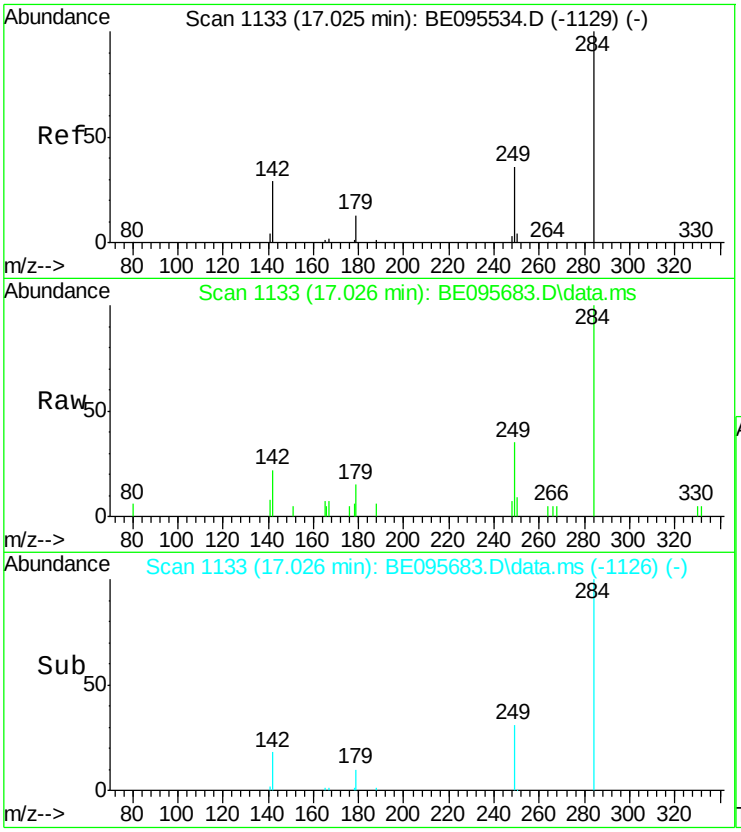


#20
4-Bromophenyl-phenylether
Concen: 0.32 ng
RT: 16.892 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:248 Resp: 1116

Ion	Ratio	Lower	Upper
248	100		
250	90.4	62.7	94.1
141	99.1	48.2	72.2#



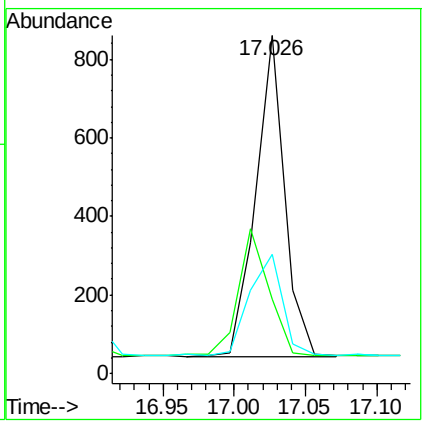


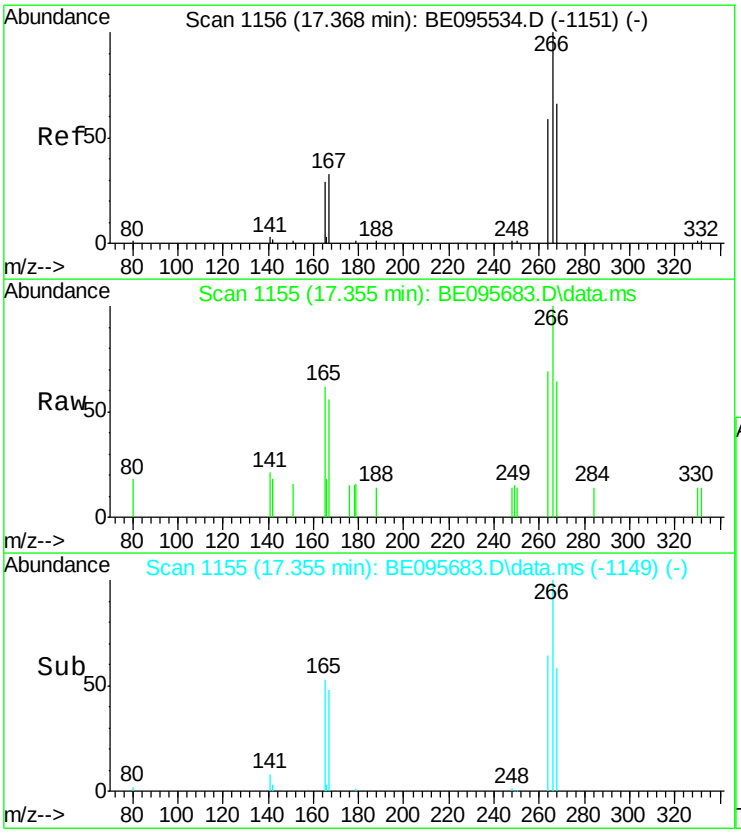
#21
Hexachlorobenzene
Concen: 0.32 ng
RT: 17.026 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1159

Ion	Ratio	Lower	Upper
284	100		
142	41.4	22.1	33.1#
249	36.5	34.8	52.2

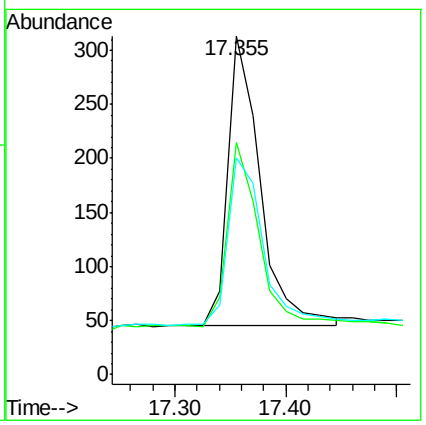


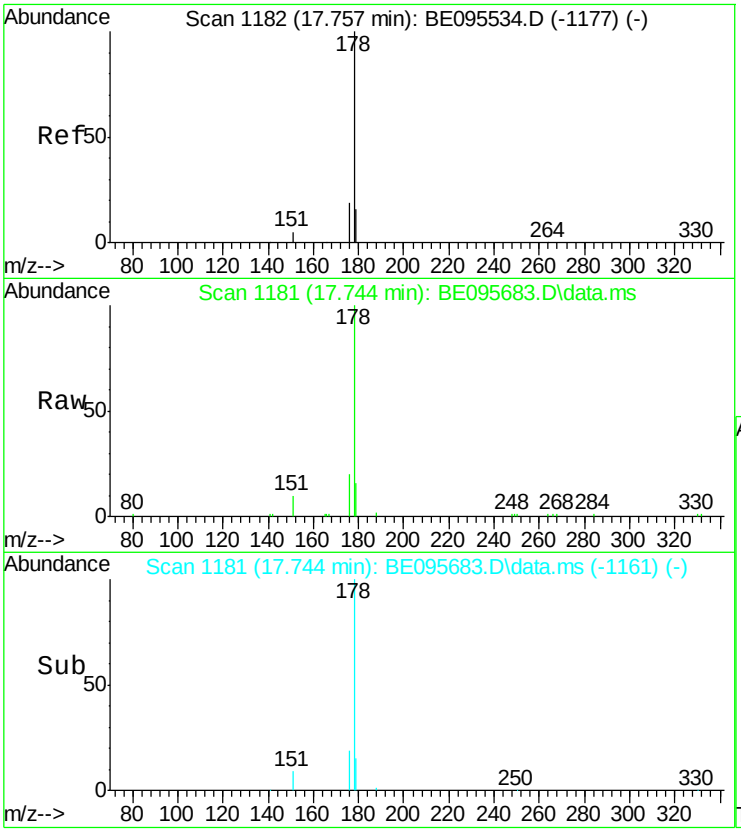


#22
Pentachlorophenol
Concen: 0.59 ng
RT: 17.355 min Scan# 1155
Delta R.T. -0.015 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:266 Resp: 545

Ion	Ratio	Lower	Upper
266	100		
264	68.7	72.5	108.7#
268	63.9	73.8	110.6#



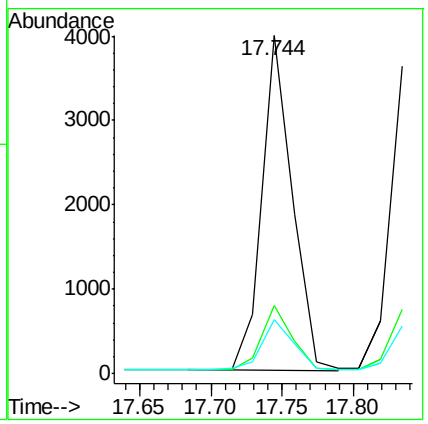


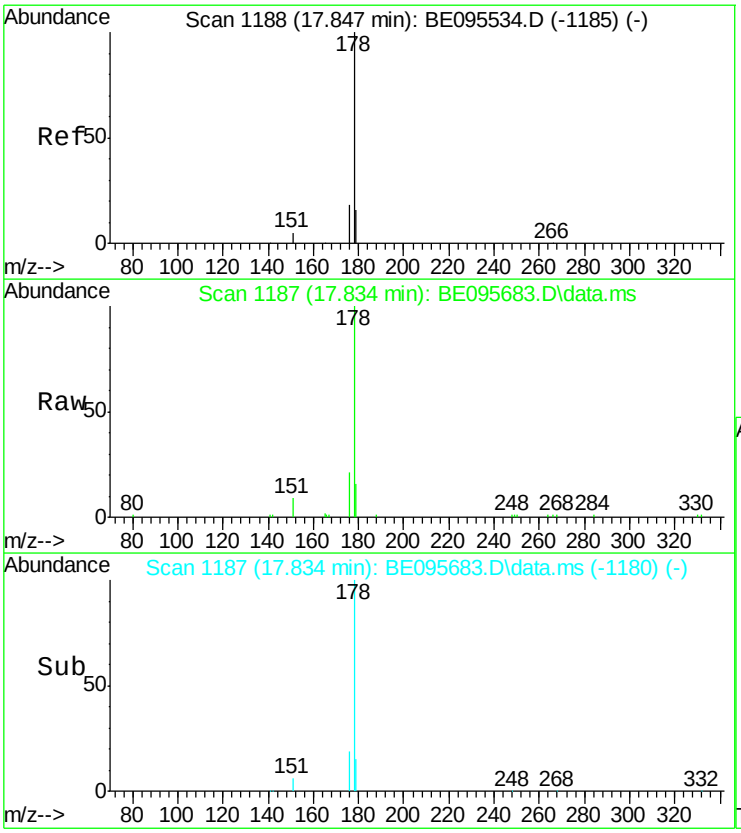
#23
Phenanthrene
Concen: 0.34 ng
RT: 17.744 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5921

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	14.9	11.8	17.6

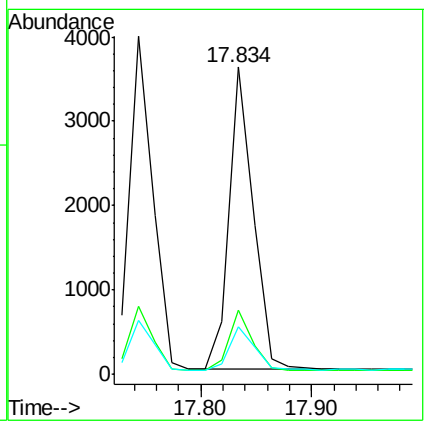


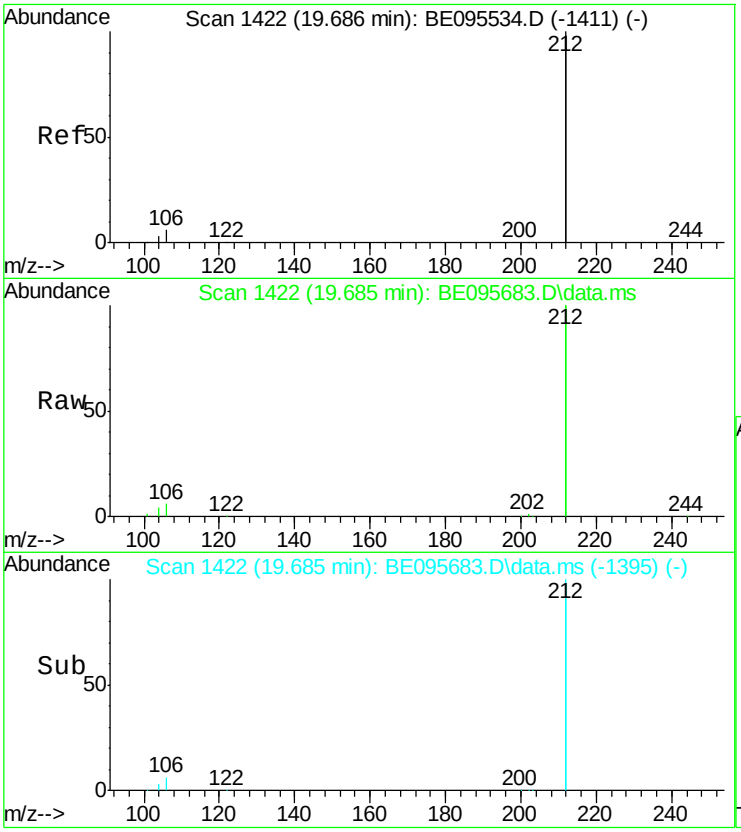


#24
Anthracene
Concen: 0.34 ng
RT: 17.834 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:178 Resp: 5400

Ion	Ratio	Lower	Upper
178	100		
176	19.3	12.8	19.2#
179	14.6	13.0	19.6



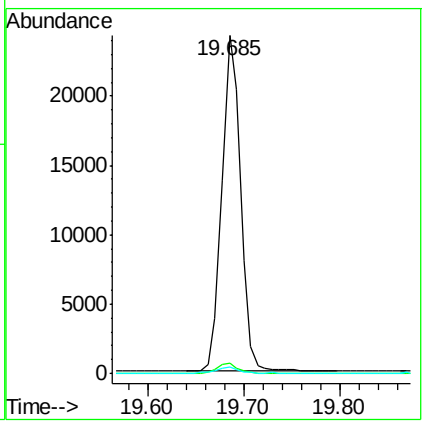


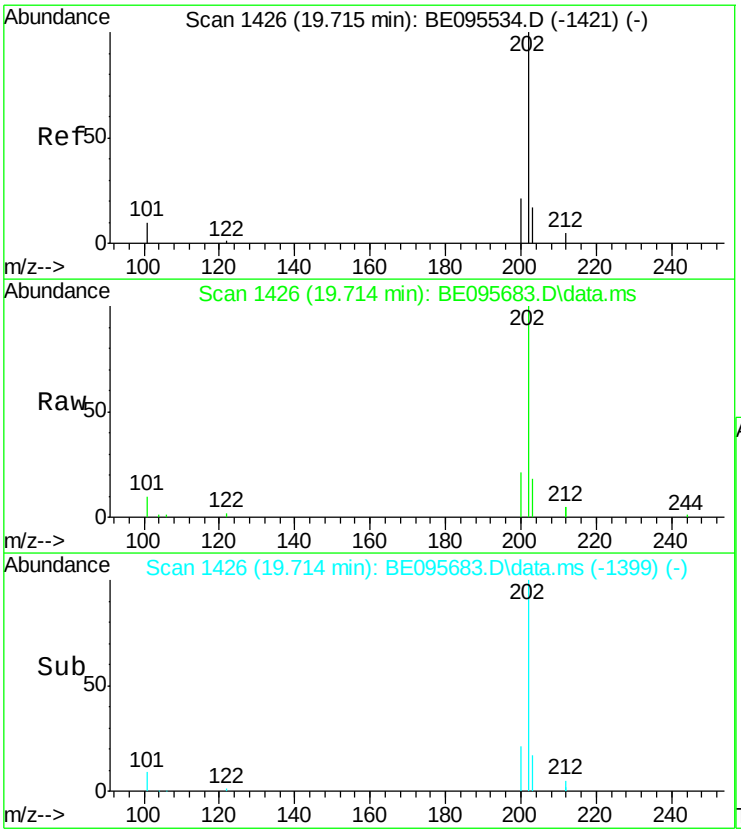
#25
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.685 min Scan# 14
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 32621

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

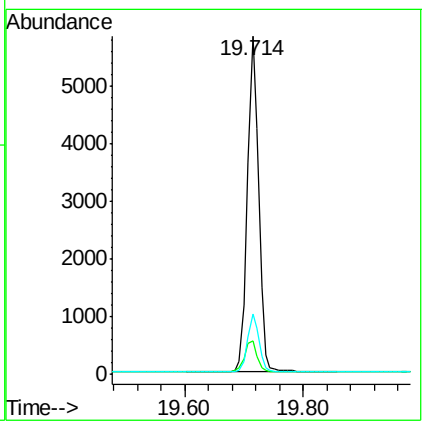


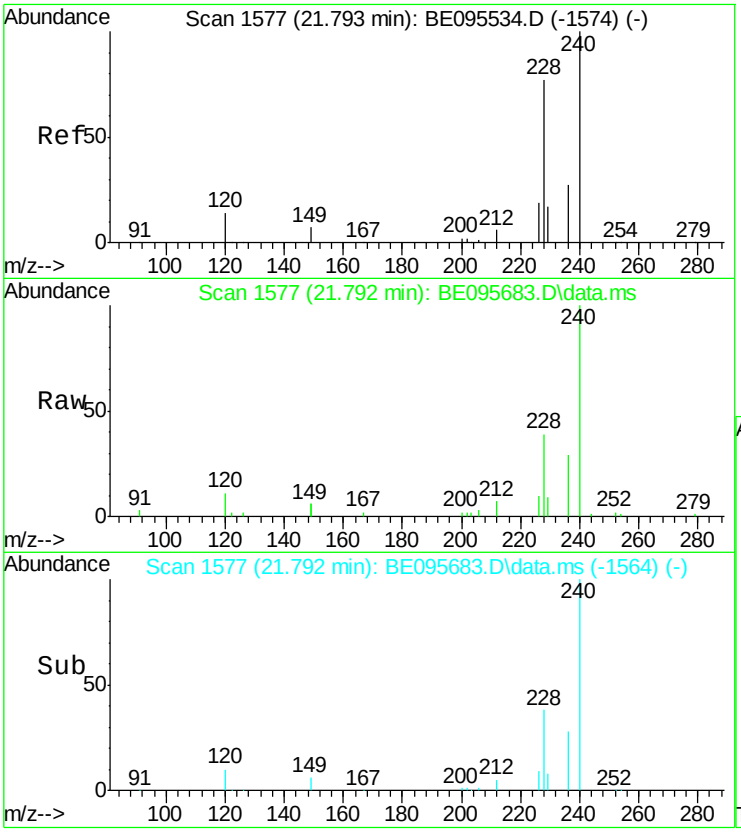


#26
Fluoranthene
Concen: 0.35 ng
RT: 19.714 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:202 Resp: 7570

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.8	14.8
203	16.8	13.7	20.5



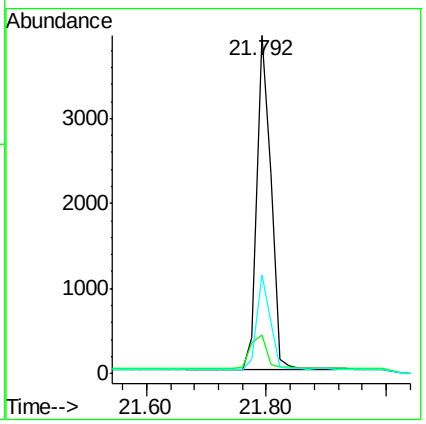


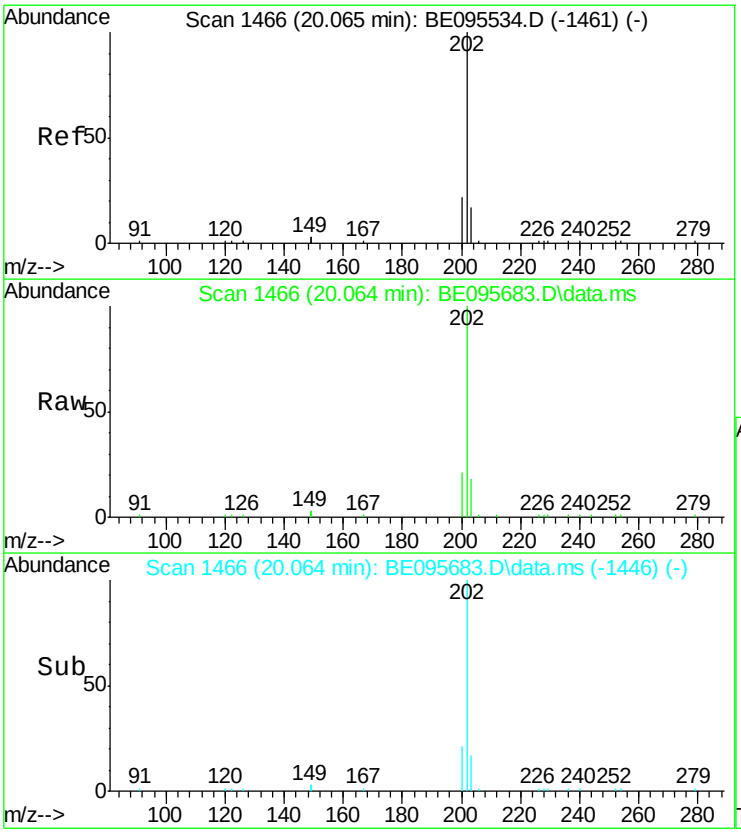
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.792 min Scan# 15
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6427

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.5	8.3#
236	29.1	20.7	31.1

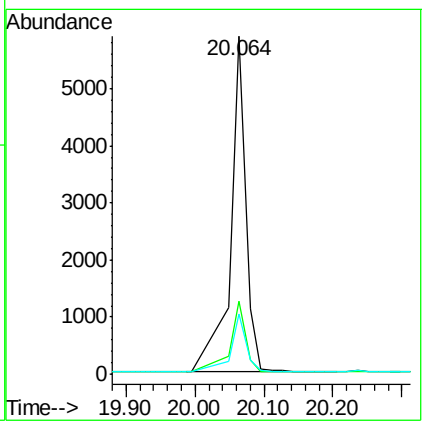


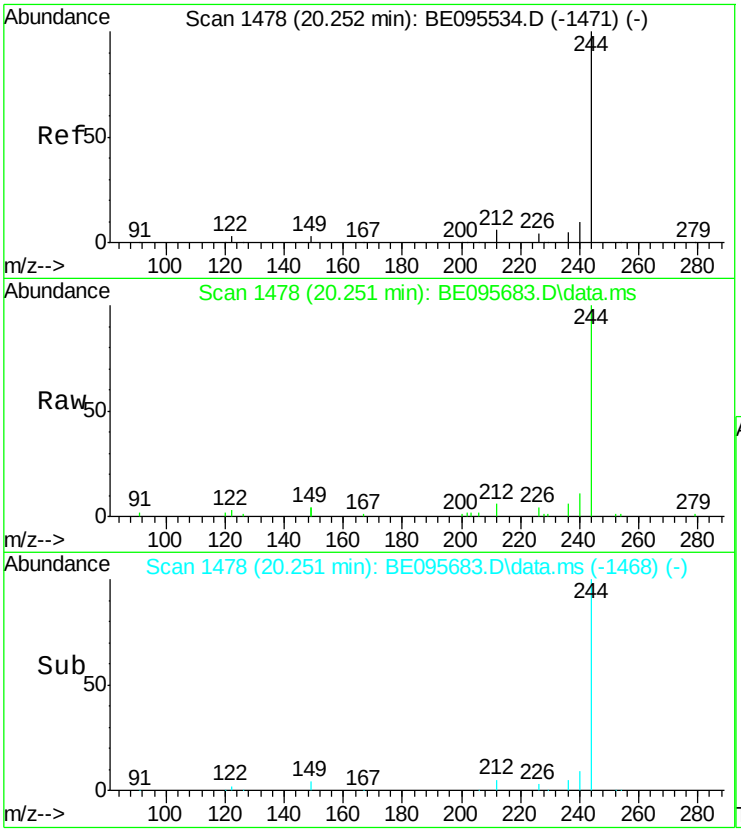


#28
Pyrene
Concen: 0.34 ng
RT: 20.064 min Scan# 1466
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:202 Resp: 8891

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	17.1	13.8	20.8



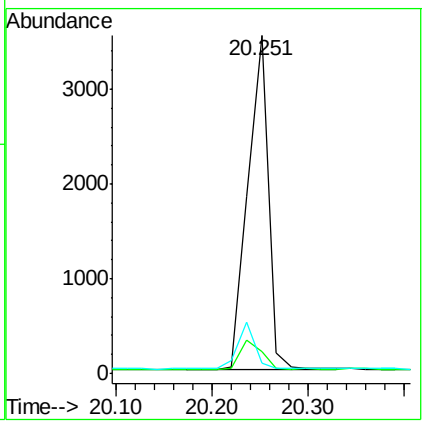


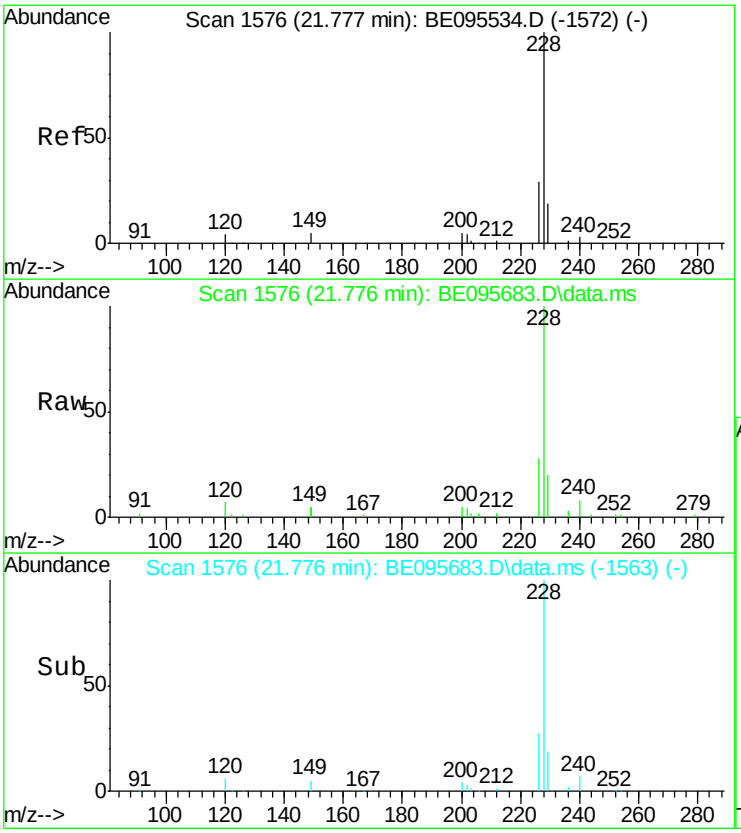
#29
Terphenyl-d14
Concen: 0.41 ng
RT: 20.251 min Scan# 14
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5218

Ion	Ratio	Lower	Upper
244	100		
212	6.4	25.4	38.0#
122	3.0	8.1	12.1#

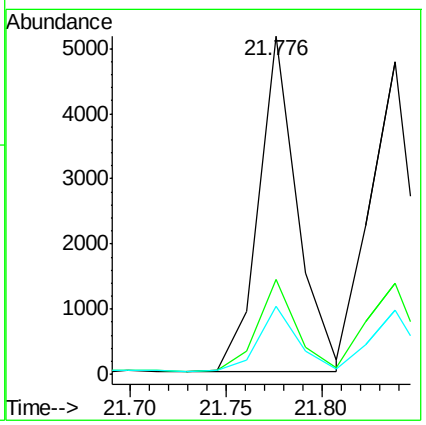


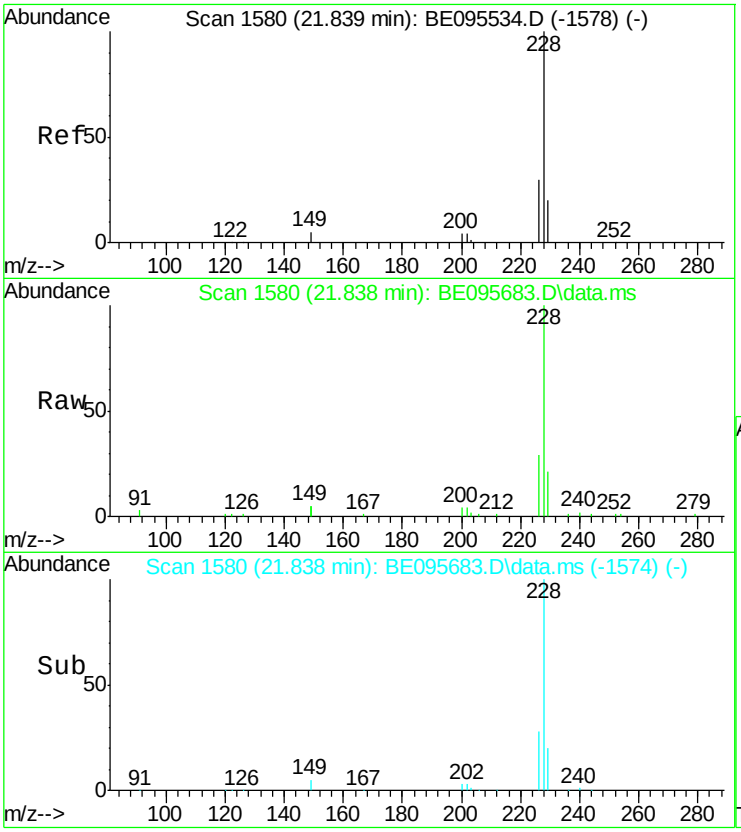


#30
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.776 min Scan# 1576
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:228 Resp: 7227

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	20.1	16.0	24.0



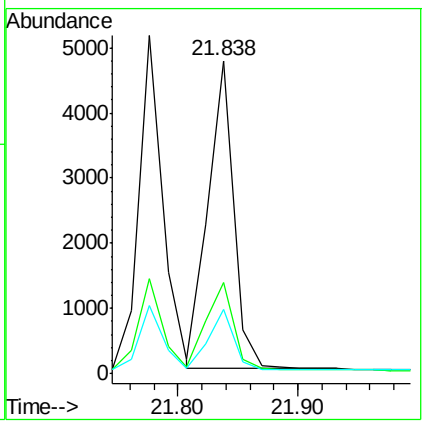


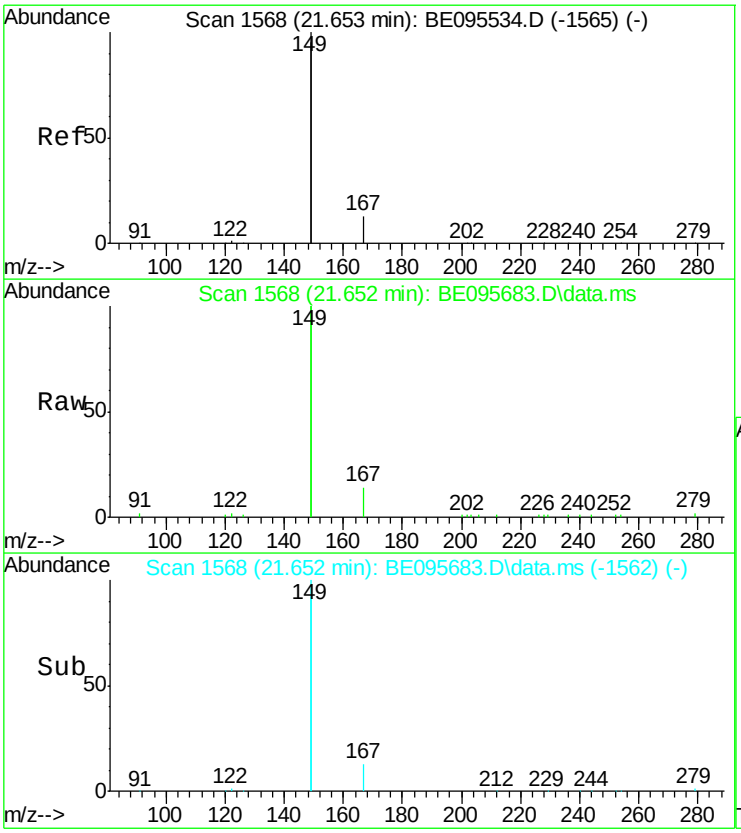
#31
Chrysene
Concen: 0.34 ng
RT: 21.838 min Scan# 15
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 7129

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.5	16.0	24.0

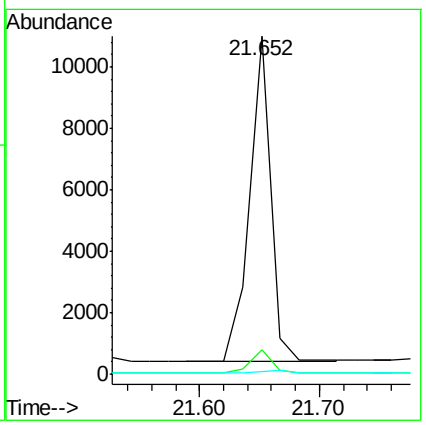


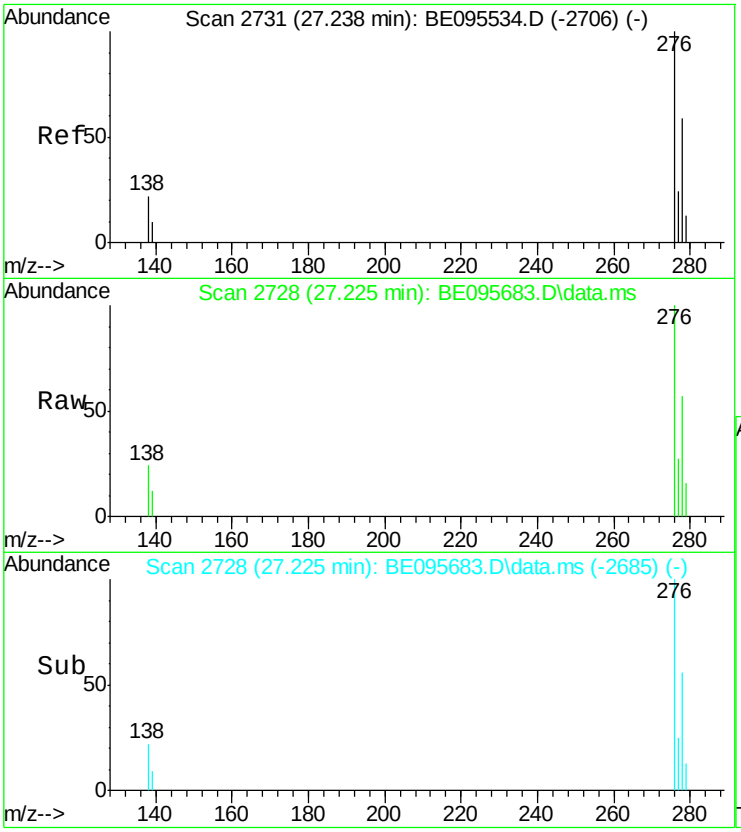


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.652 min Scan# 1568
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:149 Resp: 13050

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



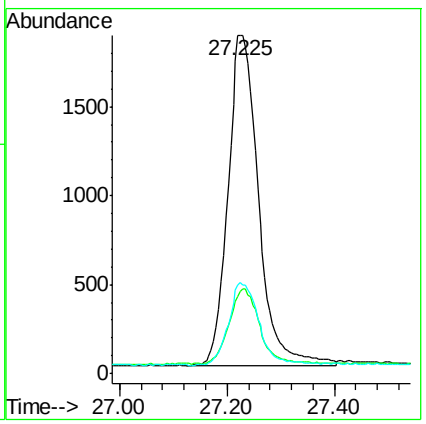


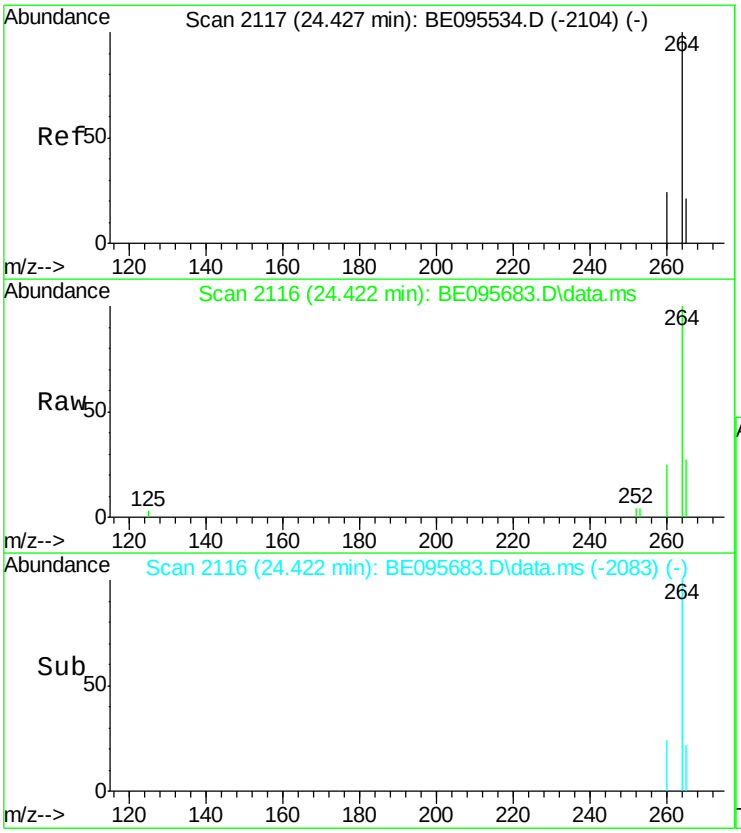
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 27.225 min Scan# 27
Delta R.T. -0.004 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7363

Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.5	33.7#
277	24.6	19.9	29.9

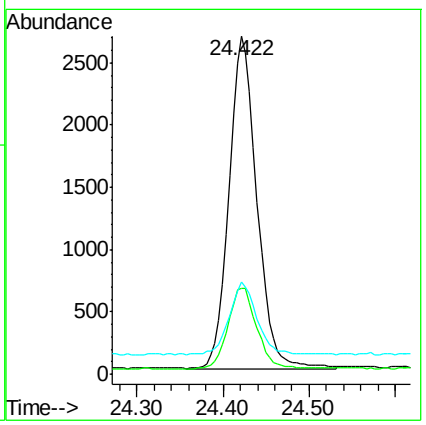


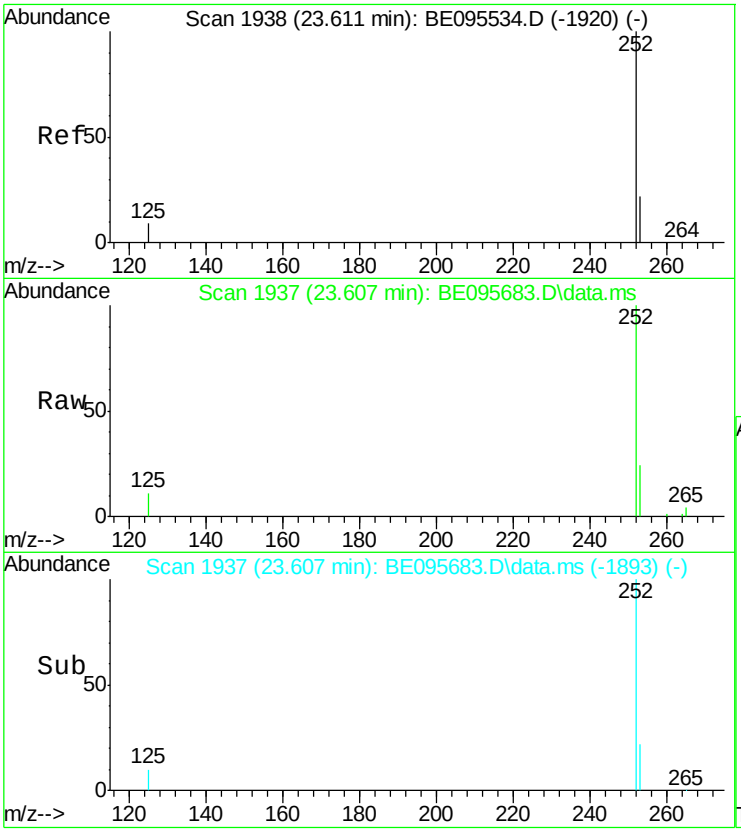


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.422 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:264 Resp: 6007

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.3	22.8	34.2



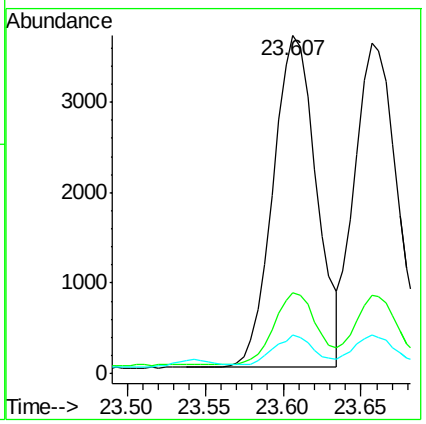


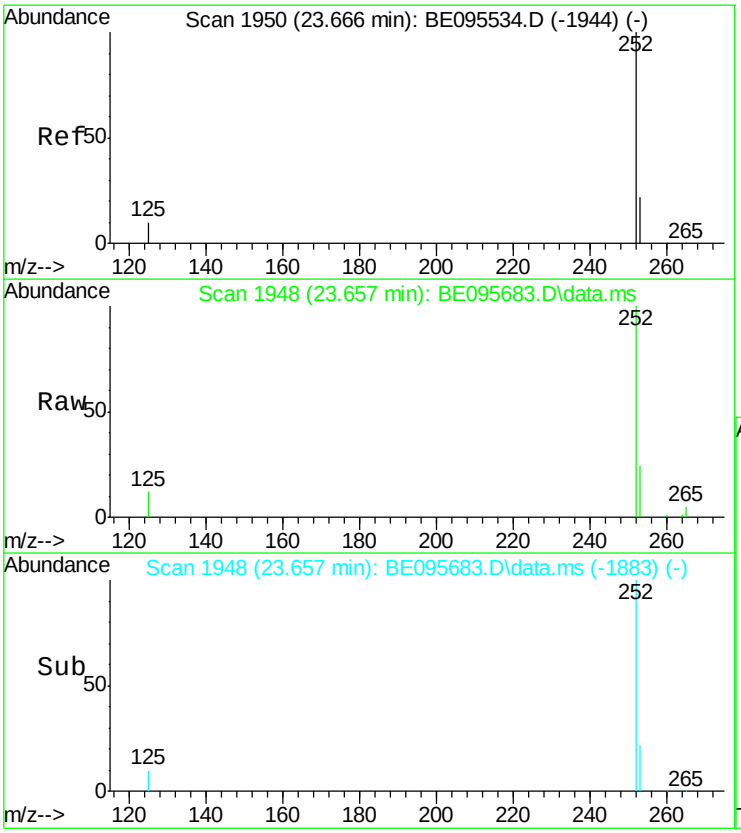
#35
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 23.607 min Scan# 19
Delta R.T. 0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7100

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.0	30.0
125	11.3	16.0	24.0#

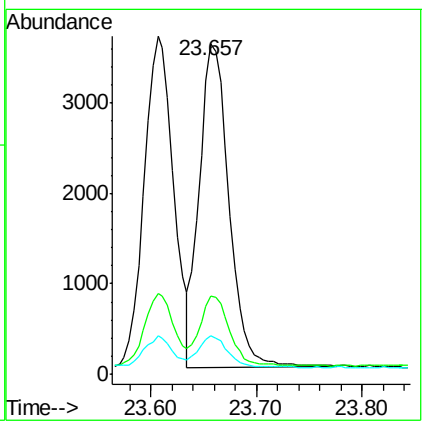


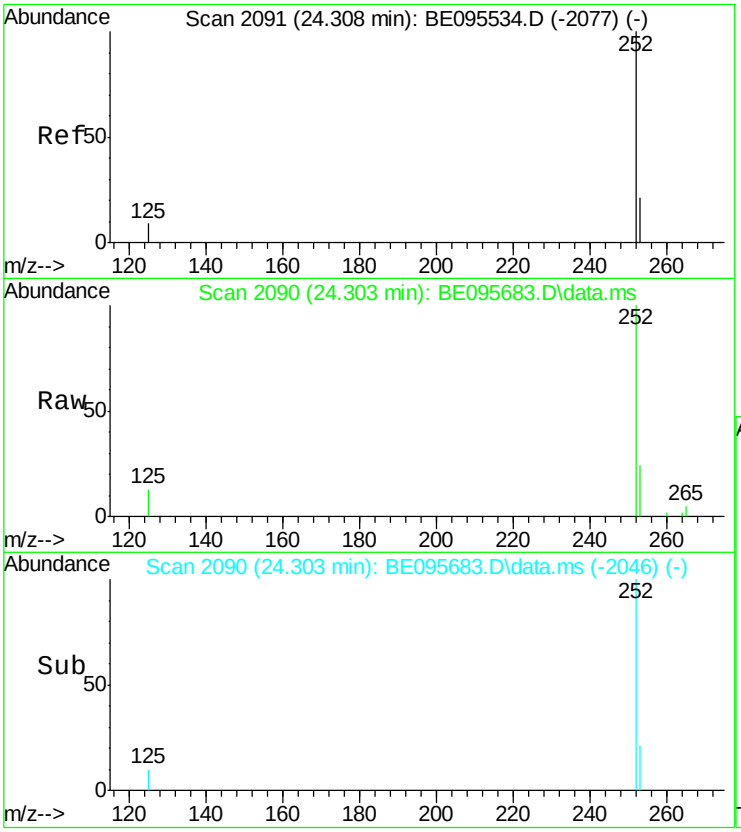


#36
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.657 min Scan# 1948
Delta R.T. -0.004 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:252 Resp: 6999

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	11.8	8.0	12.0



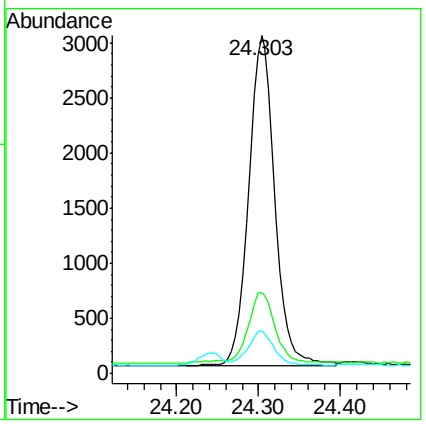


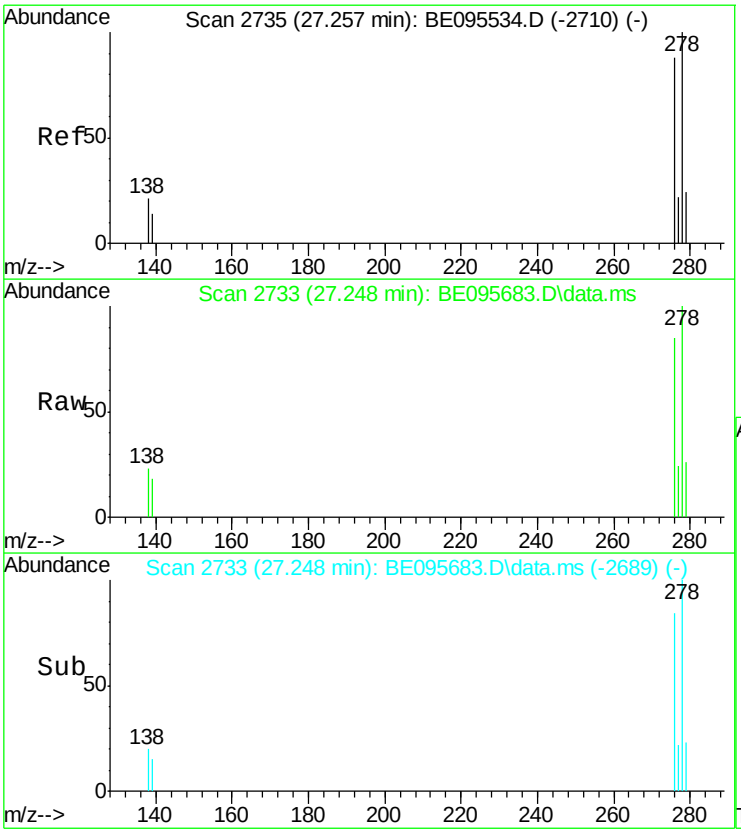
#37
Benzo(a)pyrene
Concen: 0.35 ng
RT: 24.303 min Scan# 20
Delta R.T. 0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6724

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	12.7	12.0	18.0

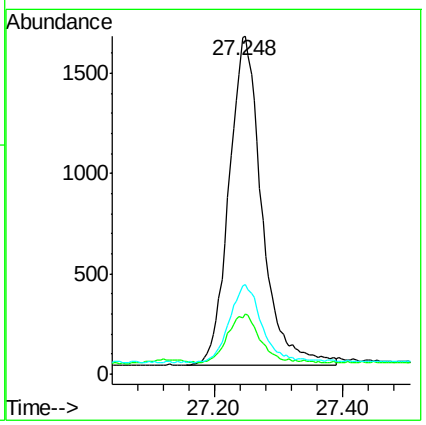


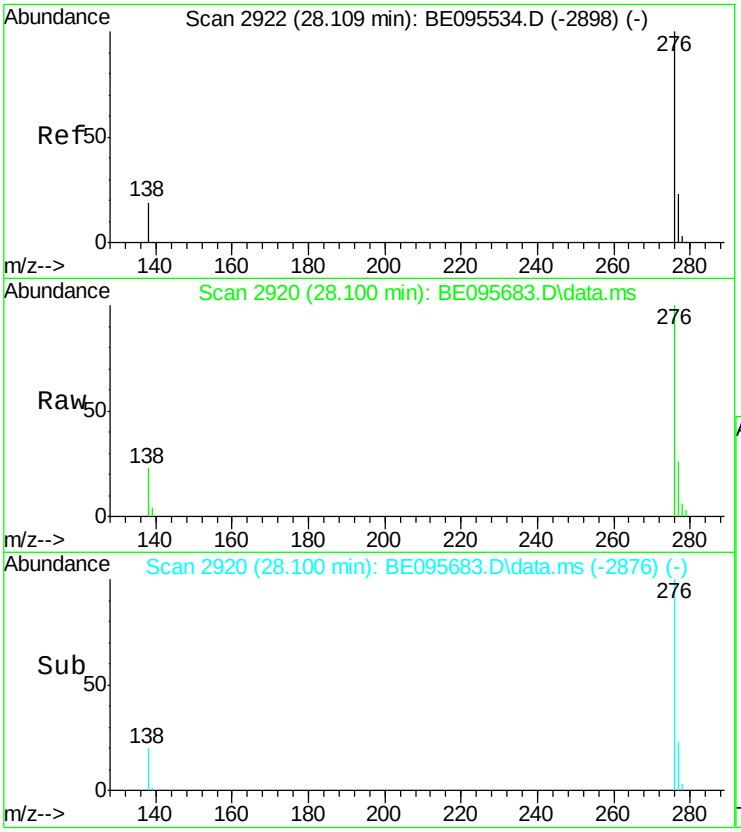


#38
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 27.248 min Scan# 2733
Delta R.T. 0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:278 Resp: 5818

Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.0	24.0
279	26.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 28.100 min Scan# 29
Delta R.T. 0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6325

Ion	Ratio	Lower	Upper
276	100		
277	25.5	16.0	24.0#
138	22.9	20.0	30.0