Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\Data\BN022718\
Data File : BN000182.D
Acq On : 27 Feb 2018 09:50
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 11:41:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 11:40:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.460	152	4736	0.40	ng		0.00
7) Naphthalene-d8	11.287	136	18057	0.40	ng		0.00
13) Acenaphthene-d10	15.055	164	9124	0.40	ng		0.00
19) Phenanthrene-d10	17.776	188	22302	0.40	ng		0.00
27) Chrysene-d12	21.896	240	19841	0.40	ng		0.00
34) Perylene-d12	24.367	264	16687	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.937	112	1953	0.16	ng		0.00
5) Phenol-d6	7.579	99	2441	0.14	ng		0.00
8) Nitrobenzene-d5	9.627	82	2060	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.849	152	5368	0.18	ng		0.00
14) 2,4,6-Tribromophenol	16.533	330	554	0.17	ng		0.00
15) 2-Fluorobiphenyl	13.692	172	8659	0.21	ng		0.00
25) Fluoranthene-d10	19.767	212	11349	0.04	ng		0.00
29) Terphenyl-d14	20.335	244	6939	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.662	88	954	0.13	ng	#	79
3) n-Nitrosodimethylamine	4.047	42	448	0.05	ng	#	89
6) bis(2-Chloroethyl)ether	7.853	93	3191	0.18	ng	#	1
9) Naphthalene	11.338	128	10594	0.05	ng	#	71
10) Hexachlorobutadiene	11.618	225	1761	0.15	ng		98
12) 2-Methylnaphthalene	12.920	142	6865	0.19	ng		99
16) Acenaphthylene	14.782	152	7848	0.15	ng		99
17) Acenaphthene	15.126	154	6554	0.20	ng		96
18) Fluorene	16.086	166	8298	0.21	ng	#	80
20) 4-Bromophenyl-phenylether	16.968	248	2380	0.17	ng	#	85
21) Hexachlorobenzene	17.085	284	3242	0.22	ng	#	78
22) Pentachlorophenol	17.425	266	804	0.24	ng	#	74
23) Phenanthrene	17.819	178	15192	0.22	ng		98
24) Anthracene	17.914	178	11610	0.18	ng	#	89
26) Fluoranthene	19.797	202	14841	0.17	ng	#	96
28) Pyrene	20.154	202	15589	0.19	ng		99
30) Benzo(a)anthracene	21.875	228	11803	0.18	ng		98
31) Chrysene	21.928	228	14674	0.23	ng		99
32) Bis(2-ethylhexyl)phtha...	21.758	149	4585	0.04	ng	#	48
33) Indeno(1,2,3-cd)pyrene	26.914	276	13059	0.21	ng	#	89
35) Benzo(b)fluoranthene	23.611	252	15104	0.25	ng		99
36) Benzo(k)fluoranthene	23.662	252	14114	0.24	ng	#	83
37) Benzo(a)pyrene	24.258	252	11563	0.22	ng	#	82
38) Dibenzo(a,h)anthracene	26.927	278	9866	0.21	ng	#	87
39) Benzo(g,h,i)perylene	27.694	276	12702	0.25	ng	#	85

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

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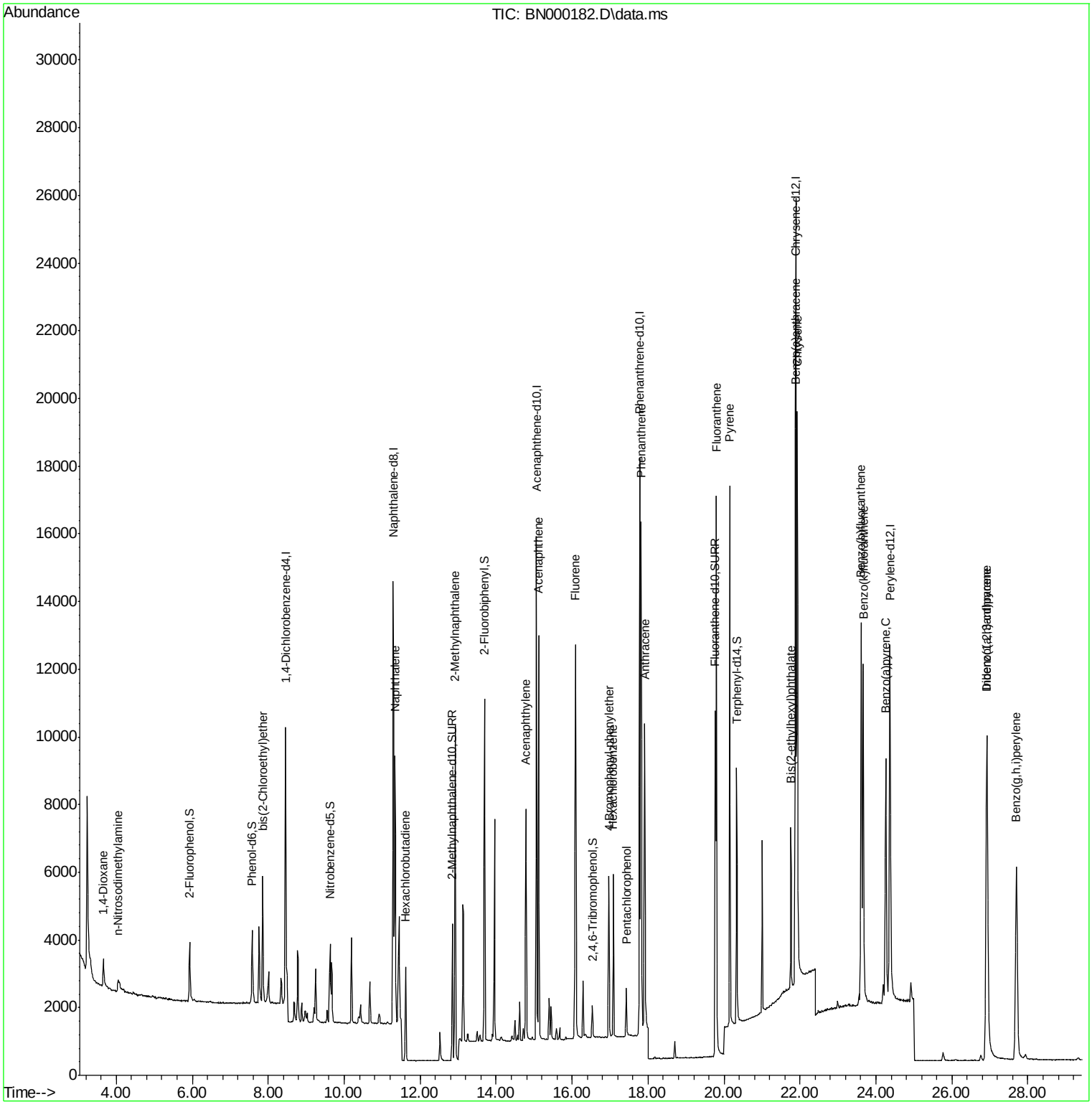
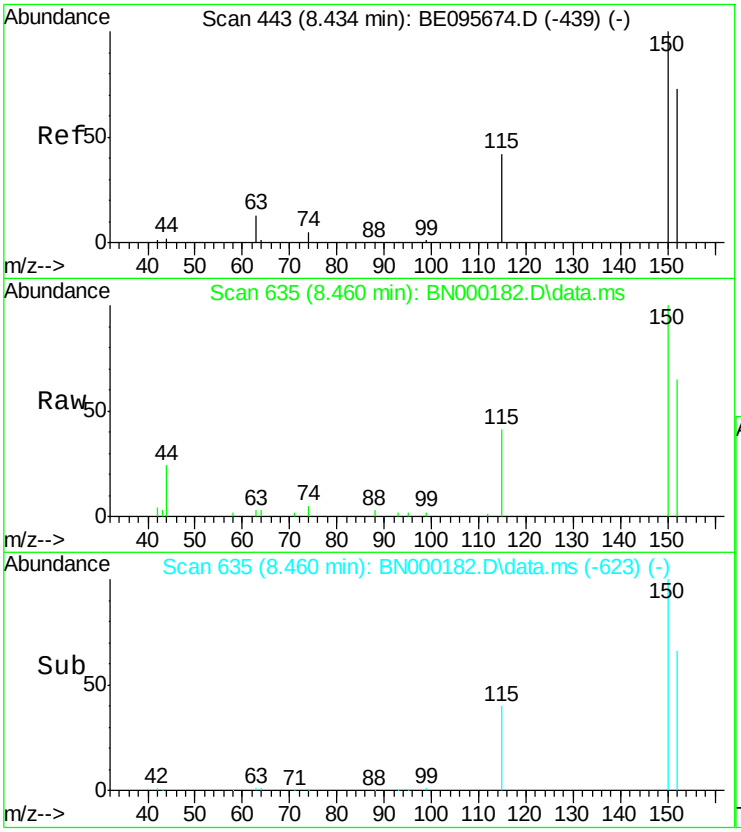
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 11:41:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 11:40:45 2018
Response via : Initial Calibration

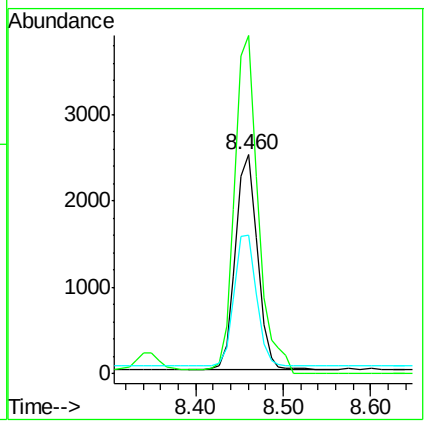


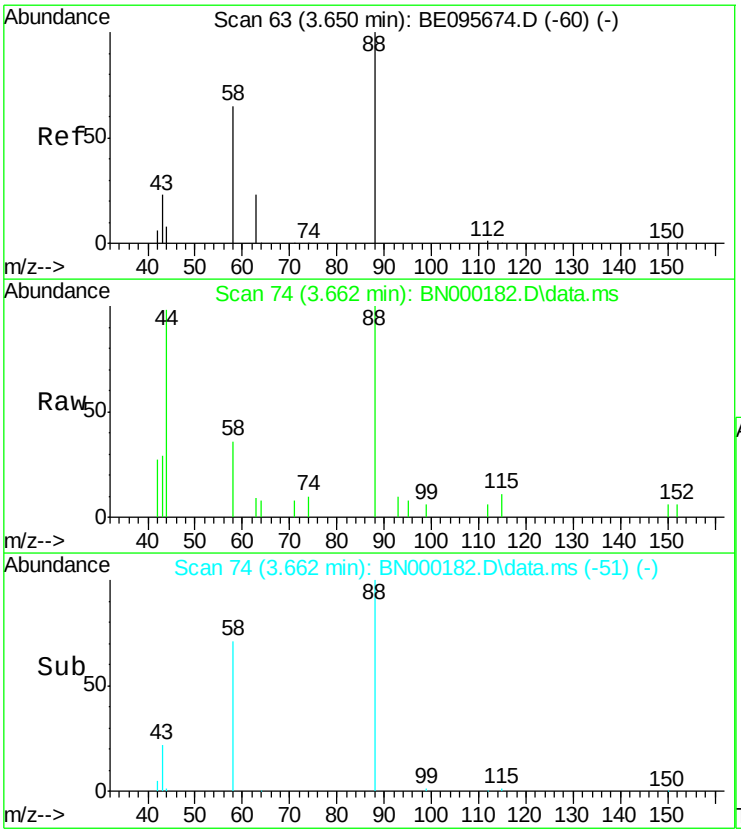


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.460 min Scan# 635
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:152 Resp: 4736

Ion	Ratio	Lower	Upper
152	100		
150	154.4	117.2	175.8
115	63.2	57.0	85.6

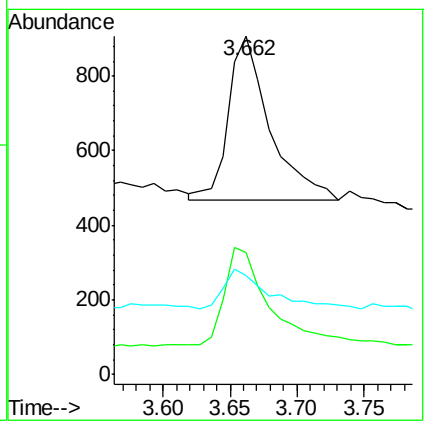


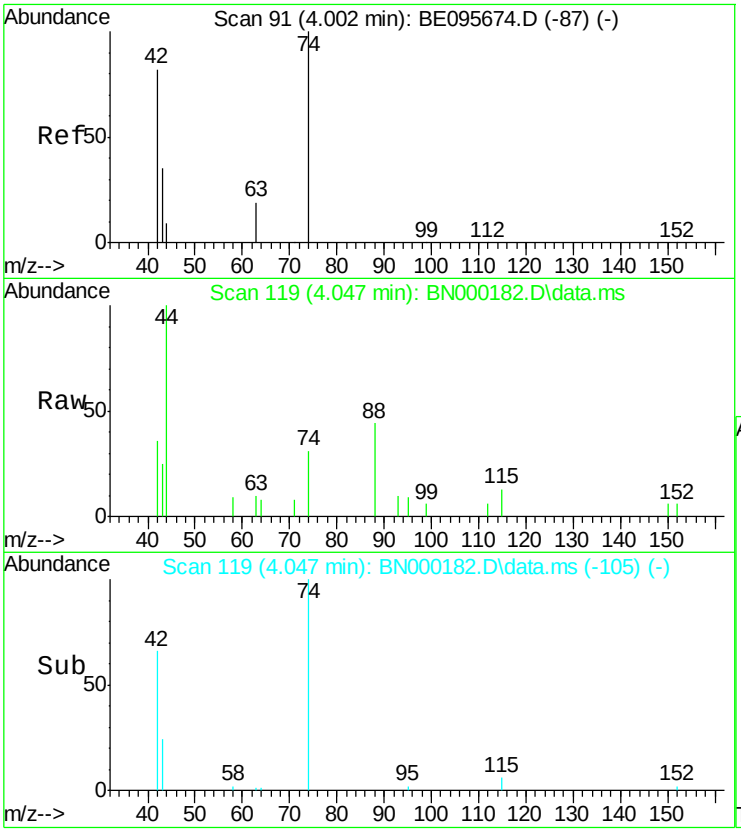


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 3.662 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion: 88 Resp: 954

Ion	Ratio	Lower	Upper
88	100		
58	69.6	63.2	94.8
43	25.5	41.2	61.8#

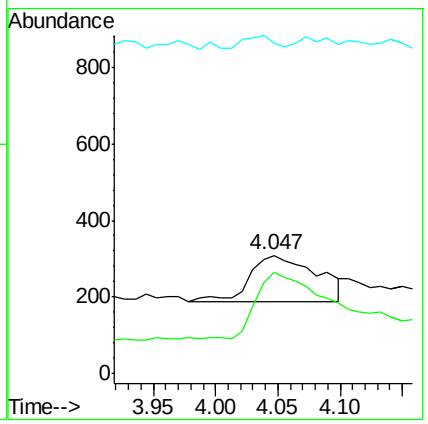


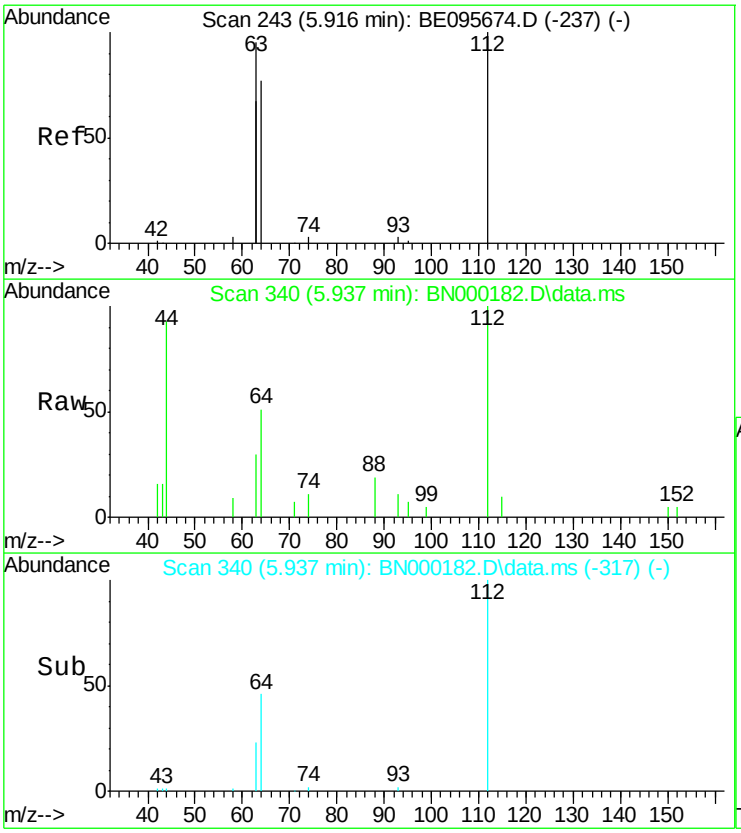


#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 4.047 min Scan# 119
Delta R.T. 0.017 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion: 42 Resp: 448

Ion	Ratio	Lower	Upper
42	100		
74	132.4	96.0	144.0
44	11.8	12.0	18.0#

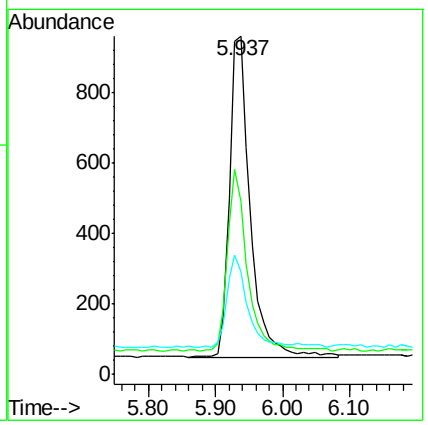


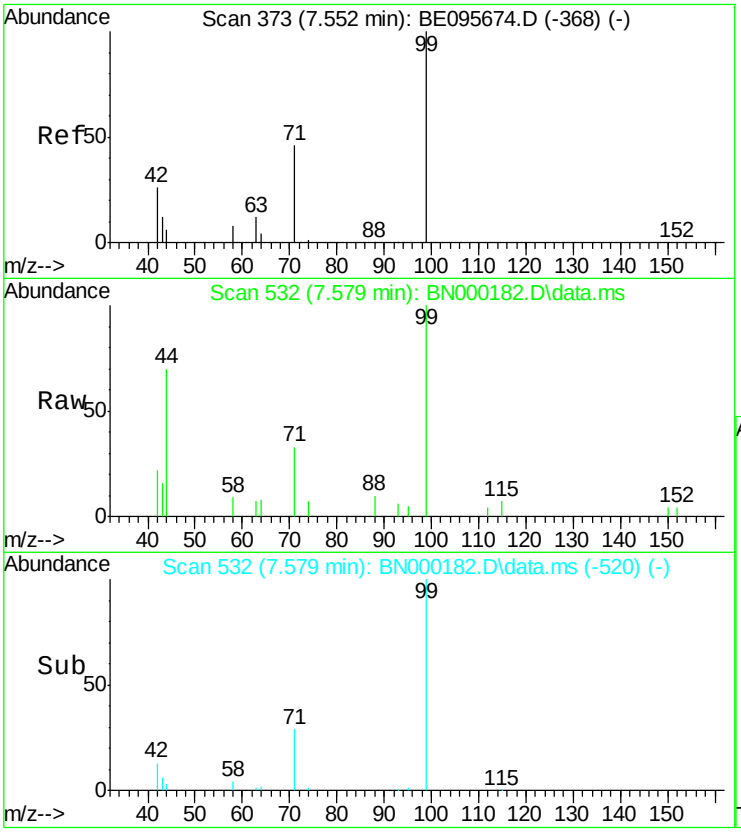


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.937 min Scan# 340
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:112 Resp: 1953

Ion	Ratio	Lower	Upper
112	100		
64	52.9	60.1	90.1#
63	27.8	116.8	175.2#

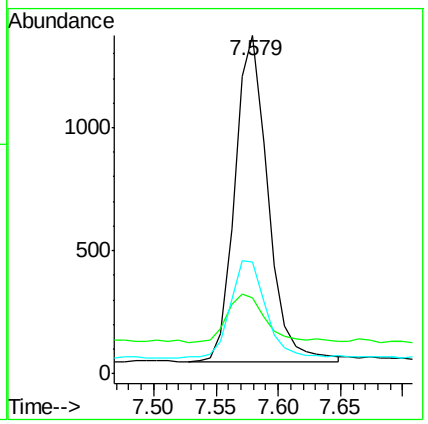


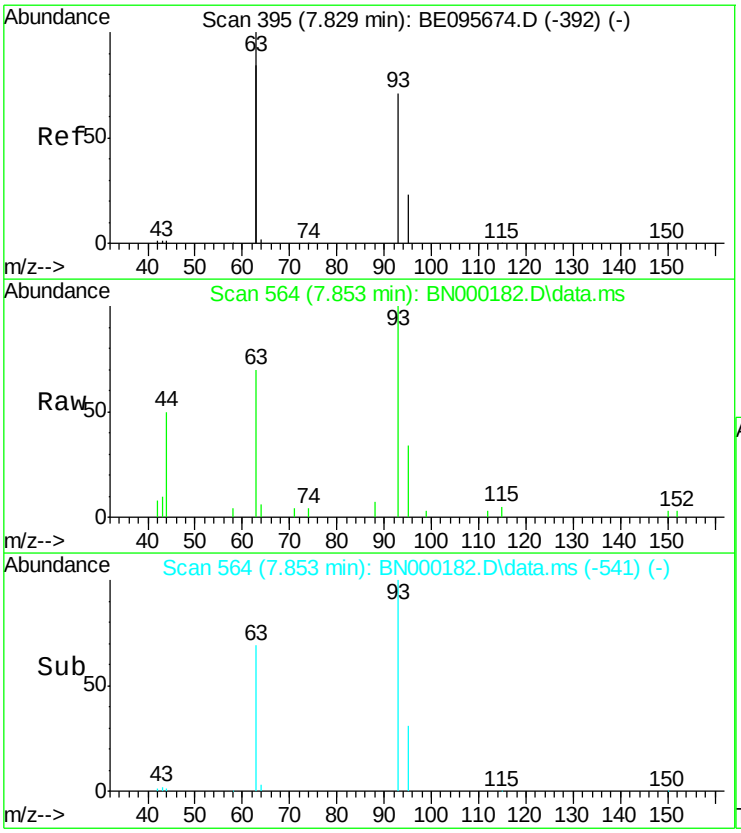


#5
Phenol-d6
Concen: 0.14 ng
RT: 7.579 min Scan# 532
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion: 99 Resp: 2441

Ion	Ratio	Lower	Upper
99	100		
42	17.6	20.2	30.2#
71	31.8	28.4	42.6

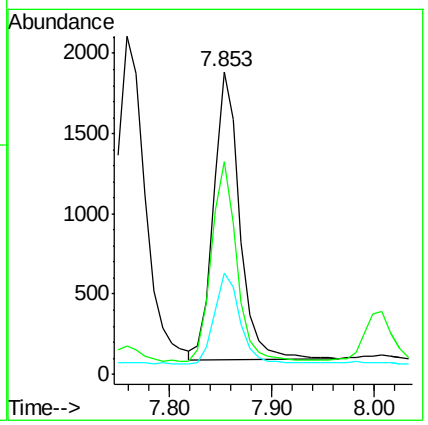


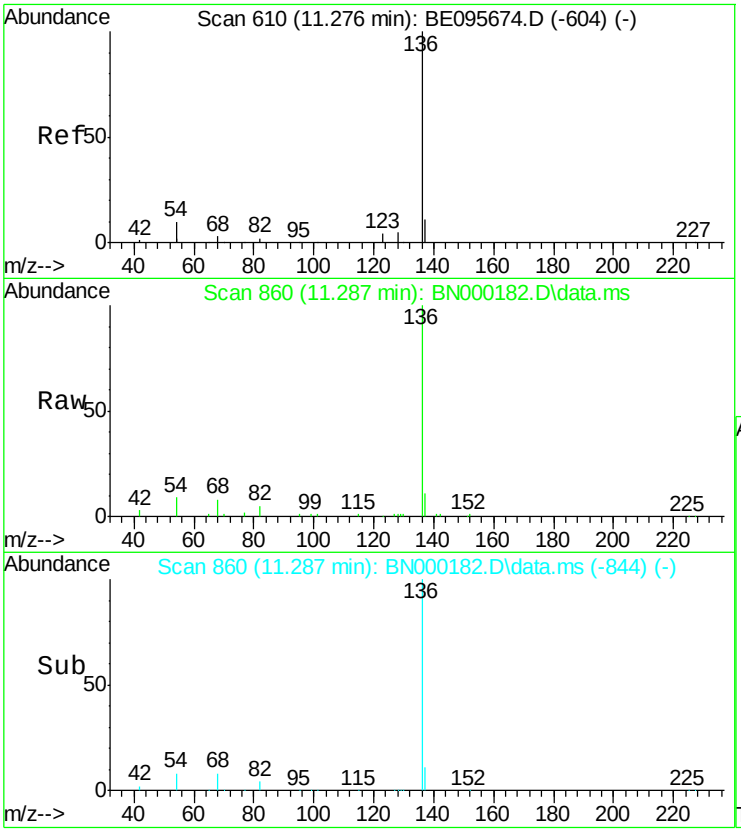


#6
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.853 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion: 93 Resp: 3191

Ion	Ratio	Lower	Upper
93	100		
63	67.1	275.3	412.9#
95	31.1	25.2	37.8

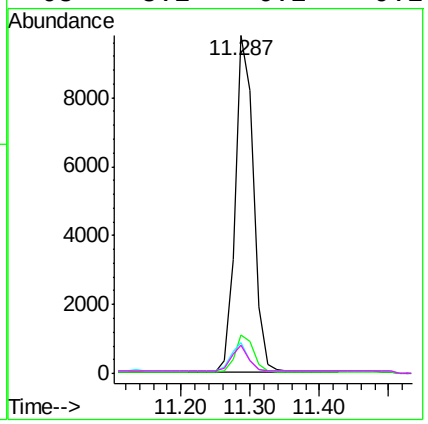


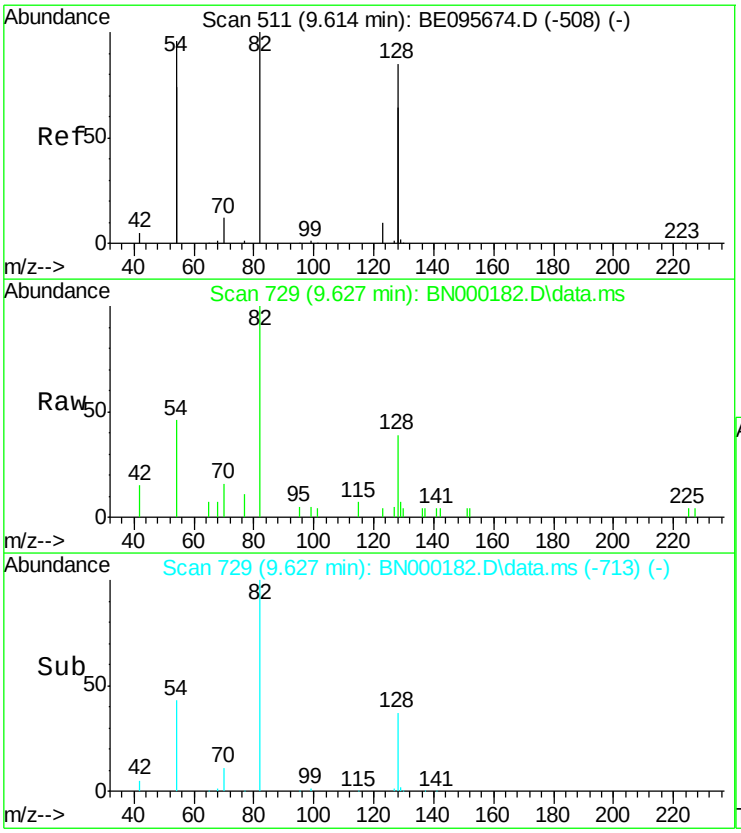


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.287 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:136 Resp: 18057

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	9.0	29.1	43.7#
68	8.2	6.2	9.2

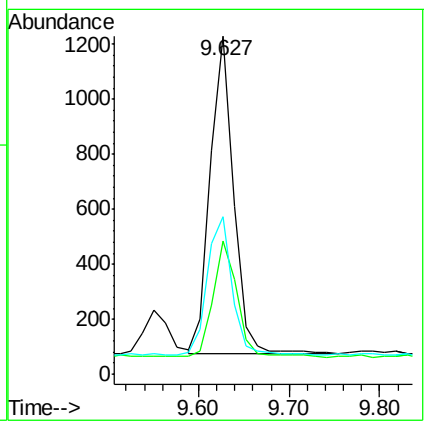


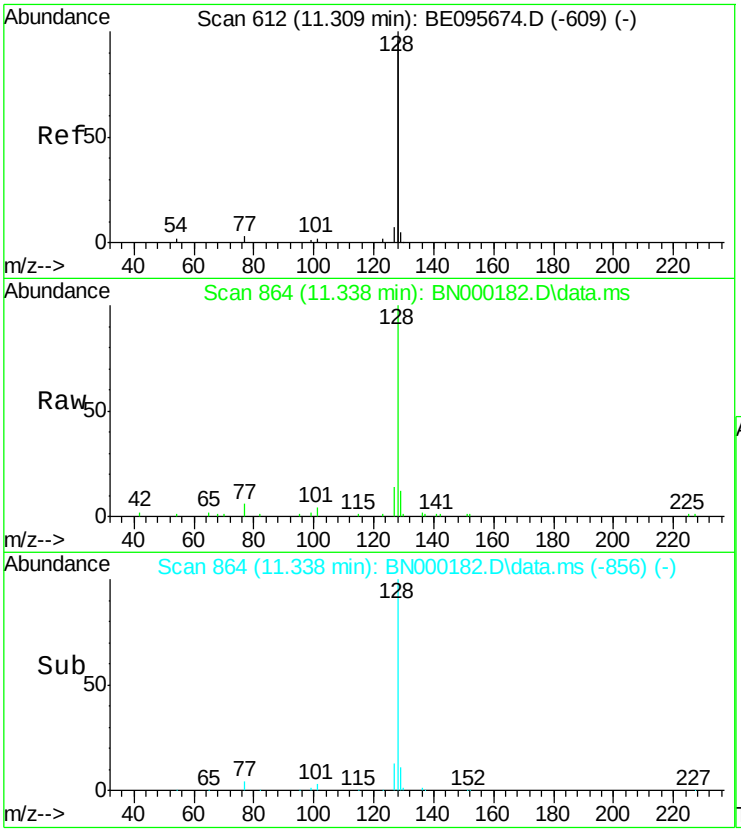


#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 9.627 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion: 82 Resp: 2060

Ion	Ratio	Lower	Upper
82	100		
128	39.5	150.0	225.0#
54	46.5	154.2	231.4#

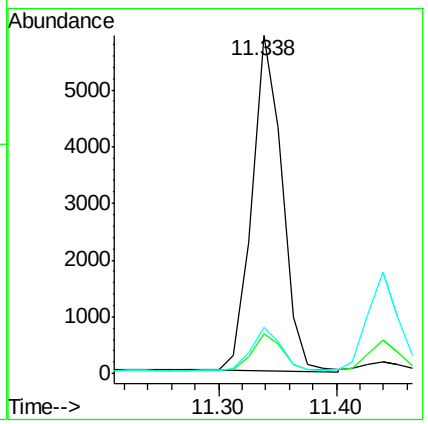


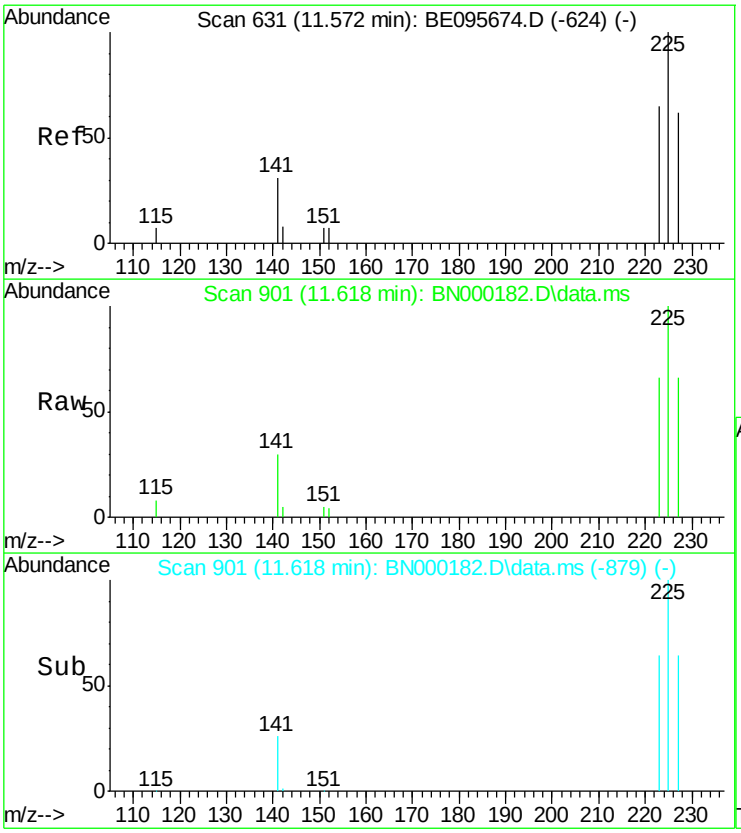


#9
Naphthalene
Concen: 0.05 ng
RT: 11.338 min Scan# 864
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:128 Resp: 10594

Ion	Ratio	Lower	Upper
128	100		
129	11.8	2.6	3.8#
127	13.8	2.8	4.2#

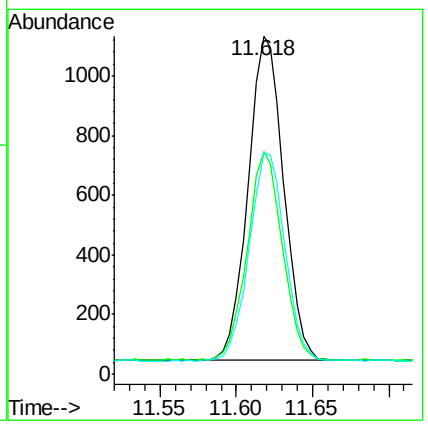


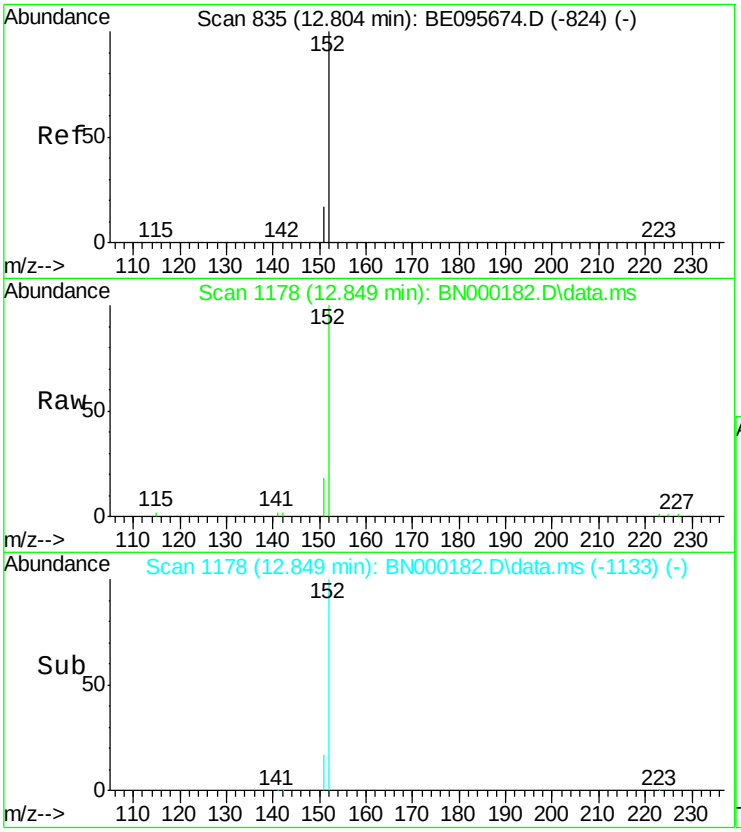


#10
Hexachlorobutadiene
Concen: 0.15 ng
RT: 11.618 min Scan# 901
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:225 Resp: 1761

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	64.5	51.4	77.2

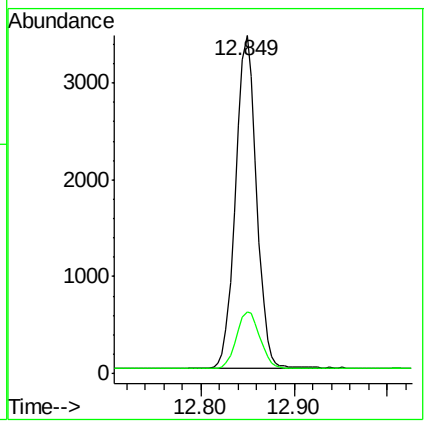


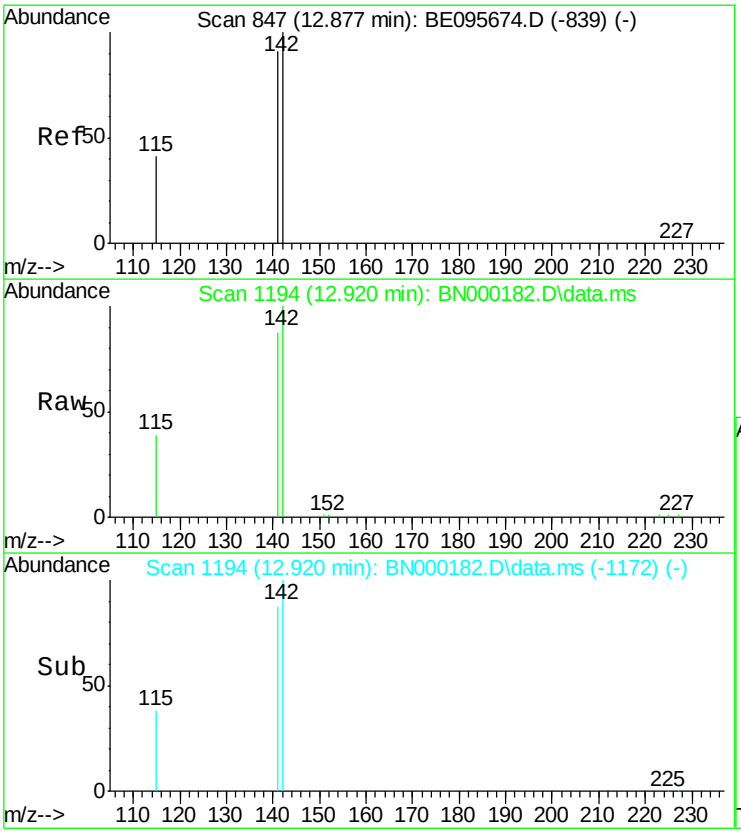


#11
2-Methylnaphthalene-d10
Concen: 0.18 ng
RT: 12.849 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:152 Resp: 5368

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

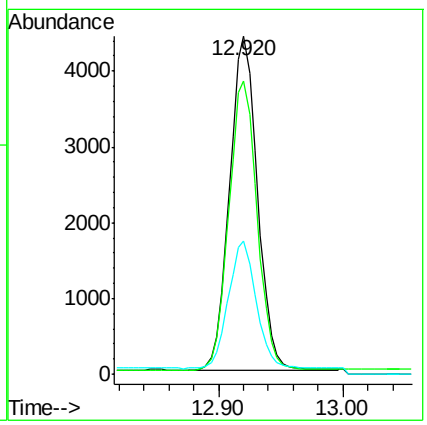


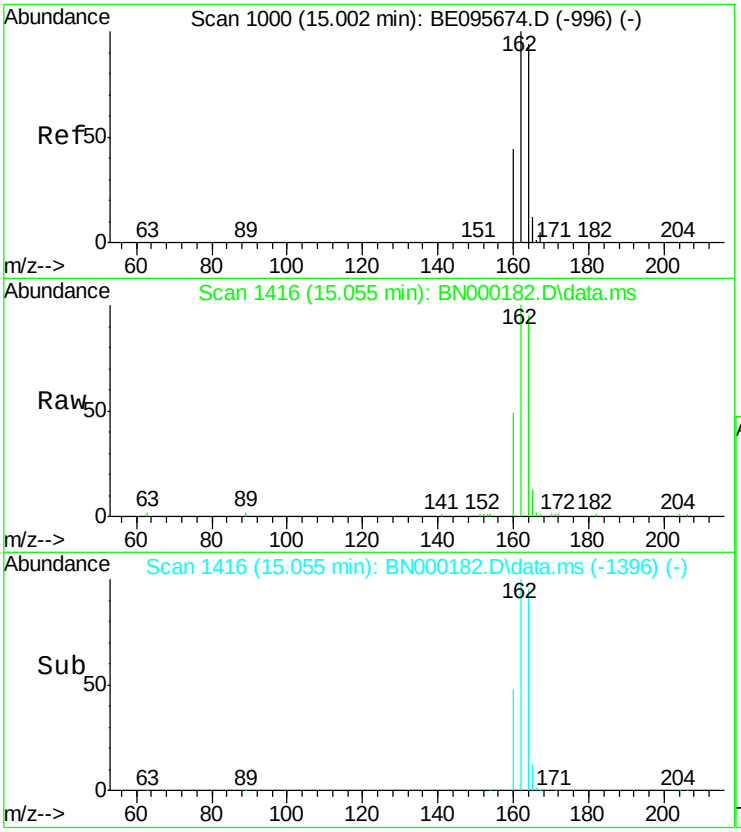


#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.920 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:142 Resp: 6865

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	39.3	31.7	47.5

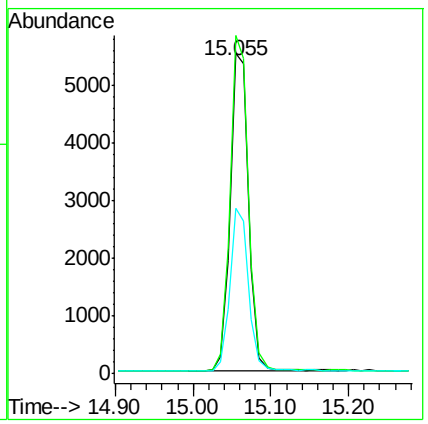


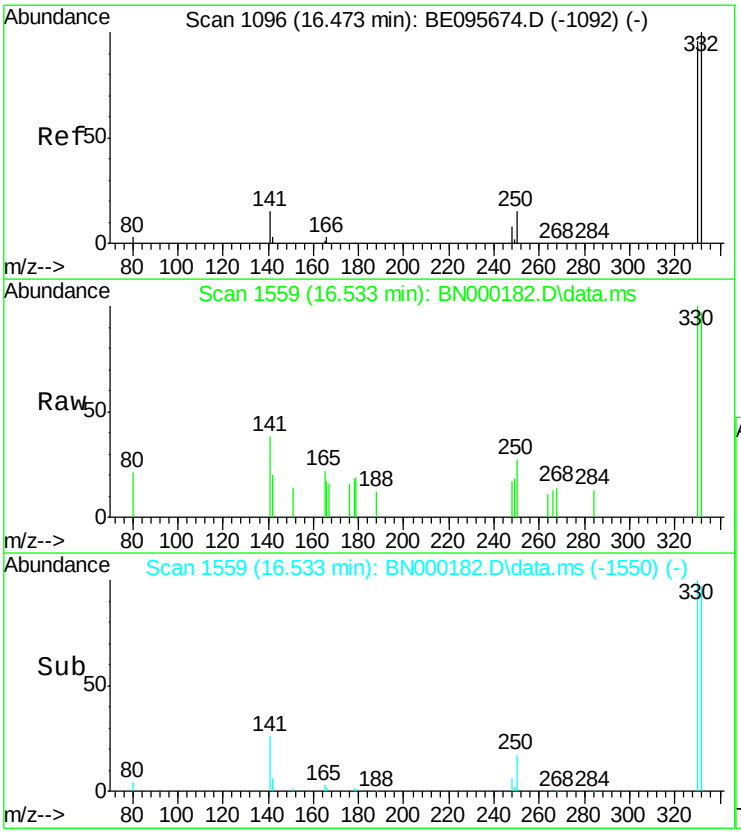


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.055 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:164 Resp: 9124

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	51.6	37.1	55.7

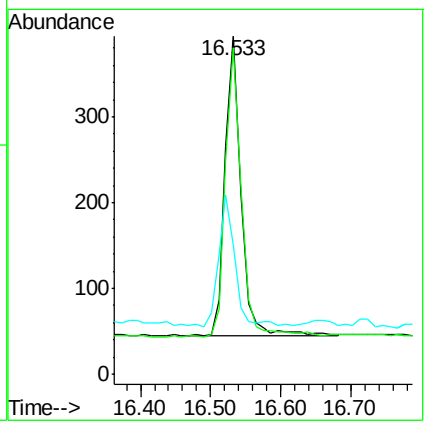


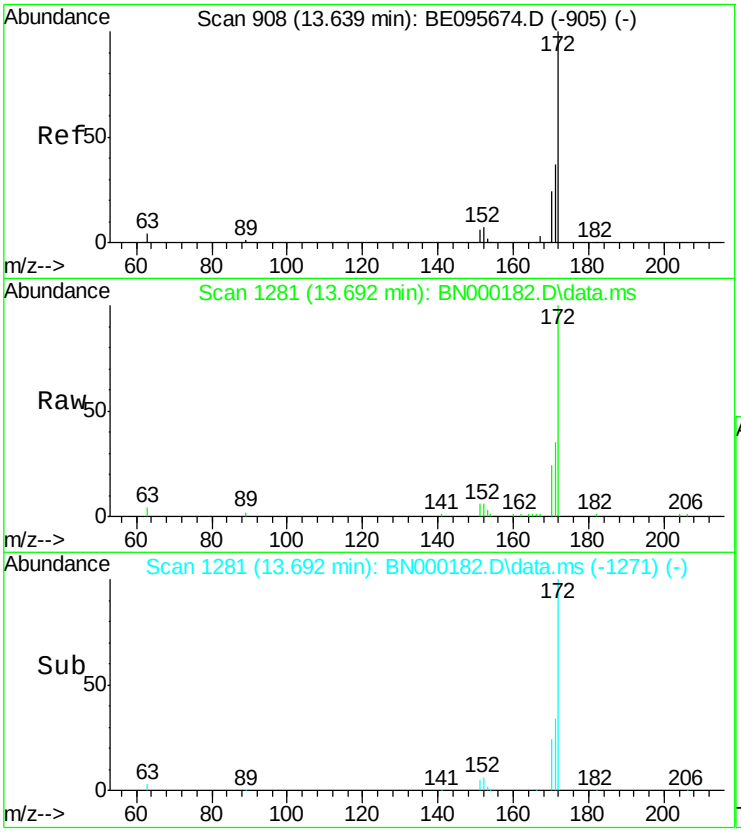


#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 16.533 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:330 Resp: 554

Ion	Ratio	Lower	Upper
330	100		
332	97.5	152.7	229.1#
141	43.5	33.7	50.5

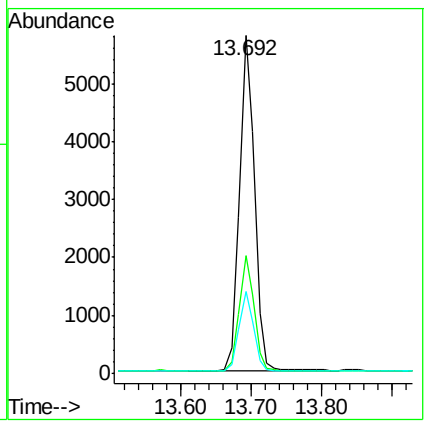


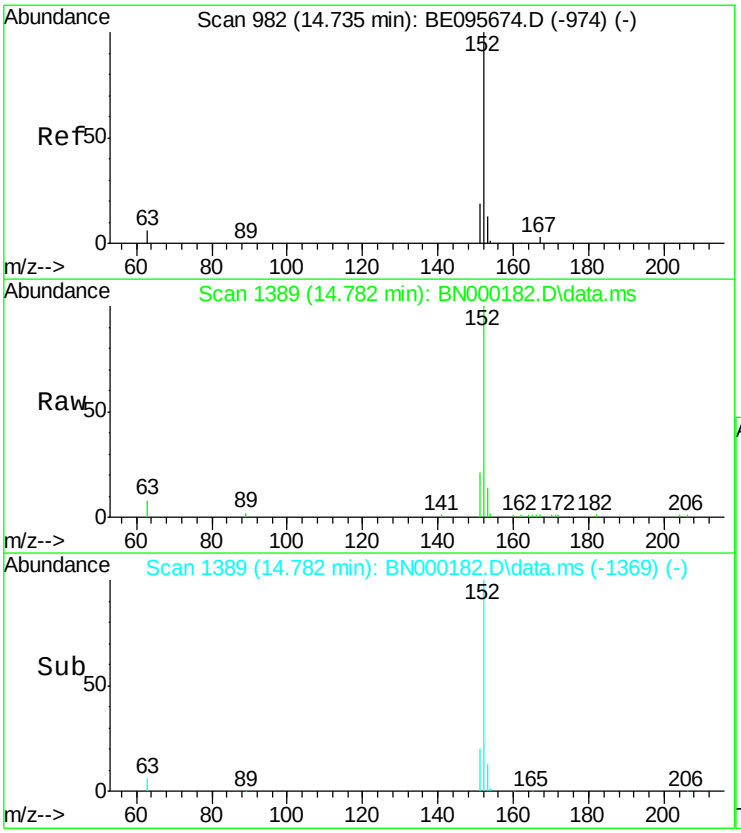


#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.692 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:172 Resp: 8659

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	24.4	21.8	32.8

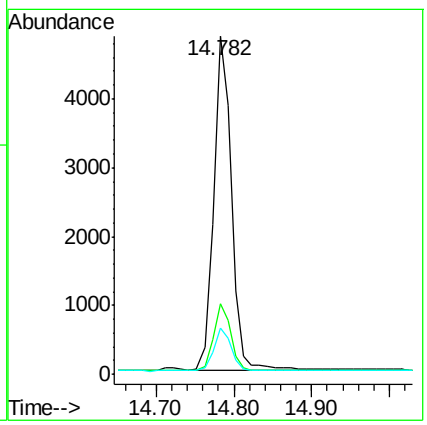


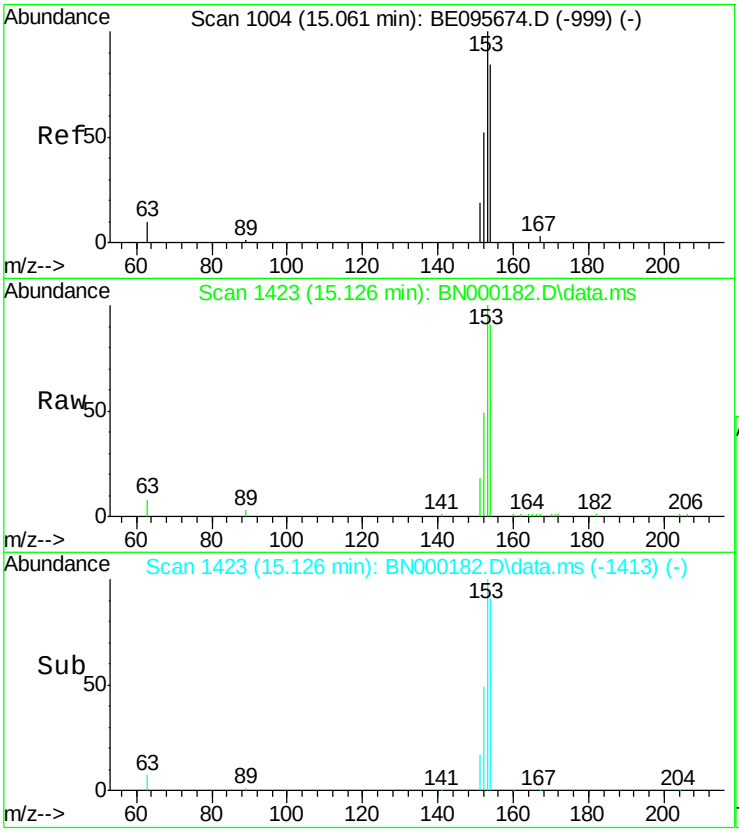


#16
Acenaphthylene
Concen: 0.15 ng
RT: 14.782 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:152 Resp: 7848

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.8	10.5	15.7

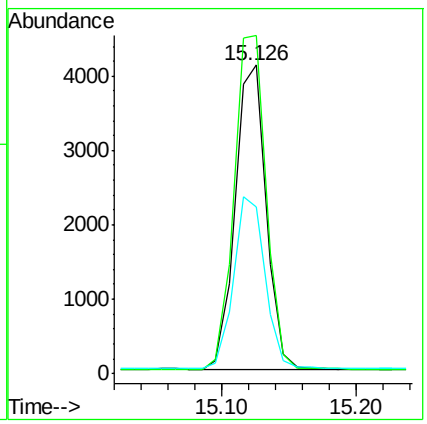


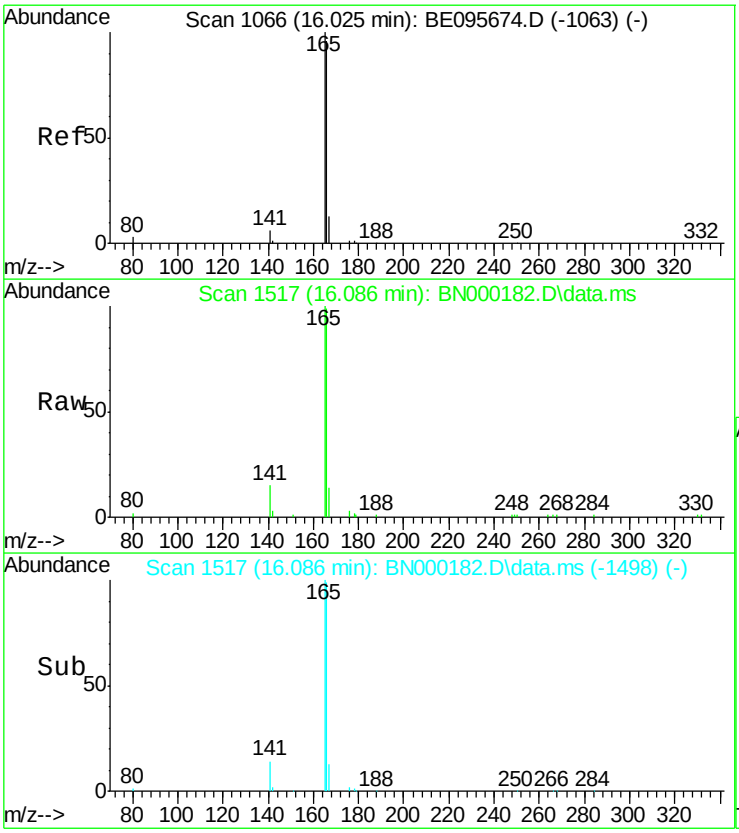


#17
Acenaphthene
Concen: 0.20 ng
RT: 15.126 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:154 Resp: 6554

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.2	133.8
152	57.7	42.0	63.0

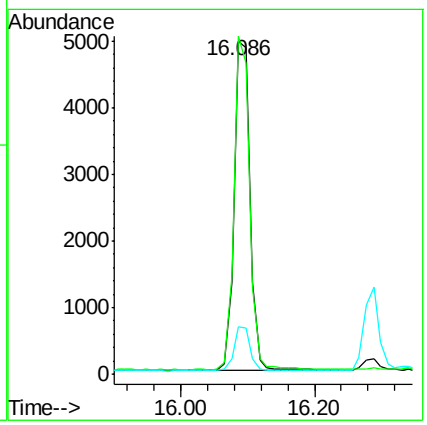


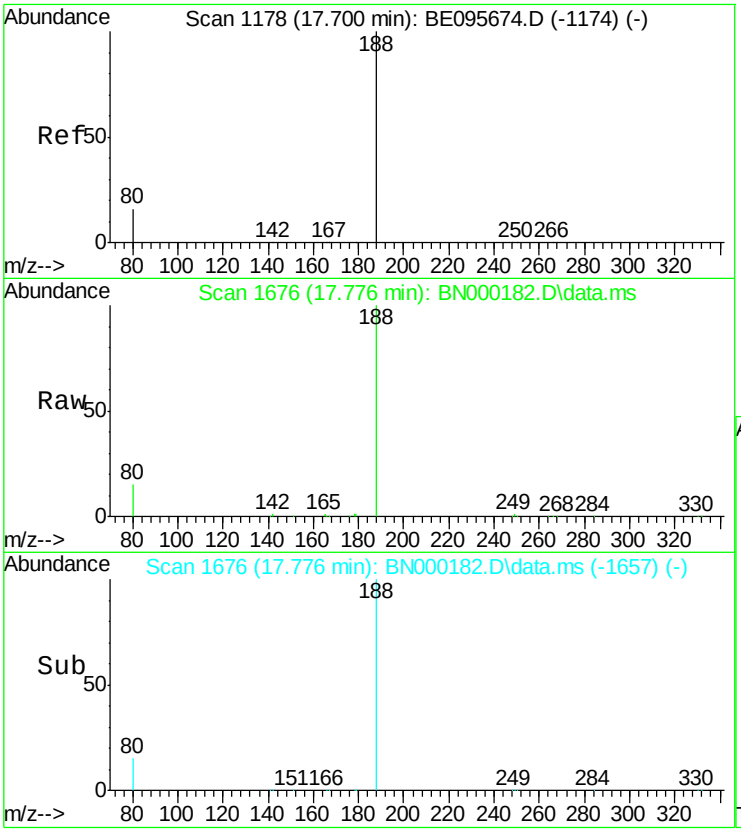


#18
Fluorene
Concen: 0.21 ng
RT: 16.086 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:166 Resp: 8298

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	13.5	42.4	63.6#

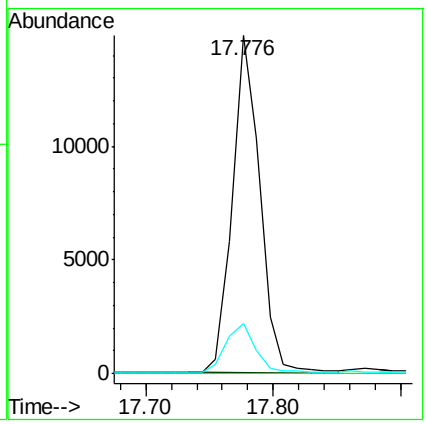


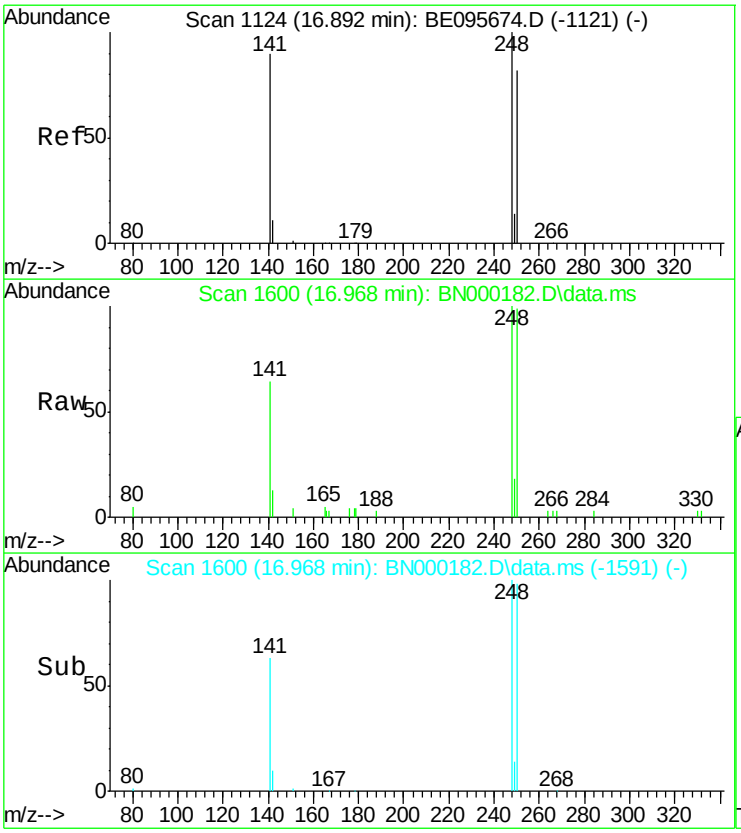


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.776 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:188 Resp: 22302

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.9	3.6	5.4#

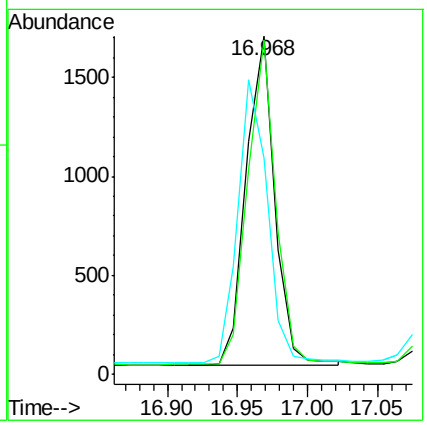


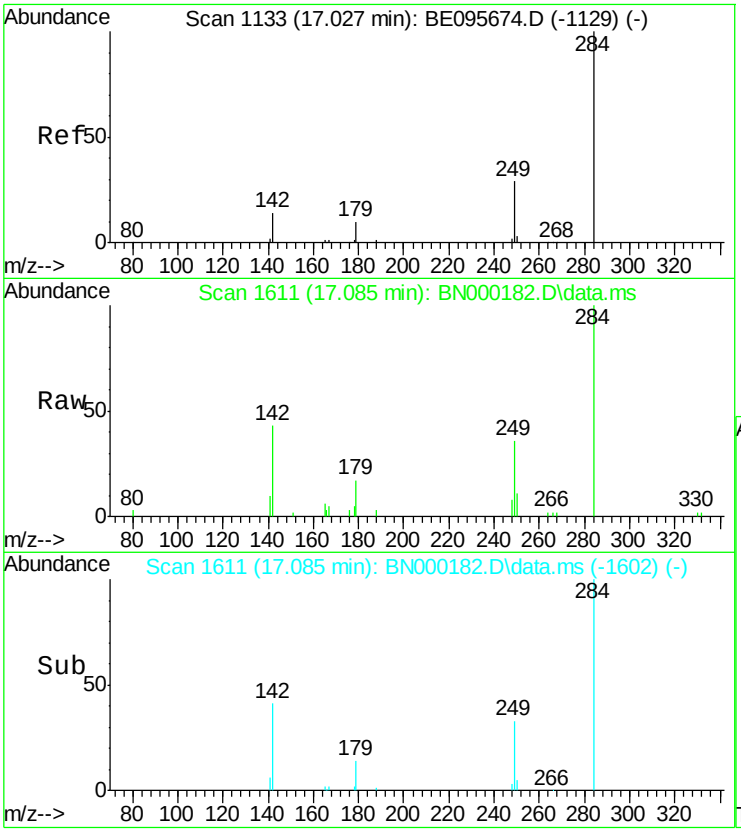


#20
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.968 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:248 Resp: 2380

Ion	Ratio	Lower	Upper
248	100		
250	98.7	62.7	94.1#
141	64.2	48.2	72.2

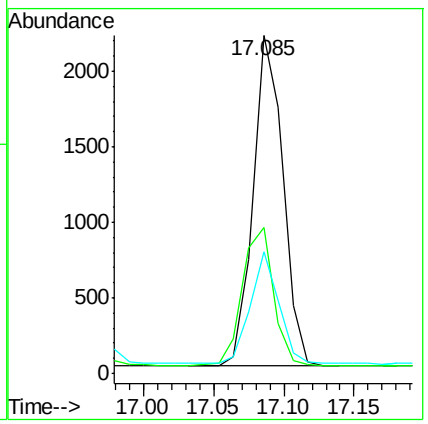


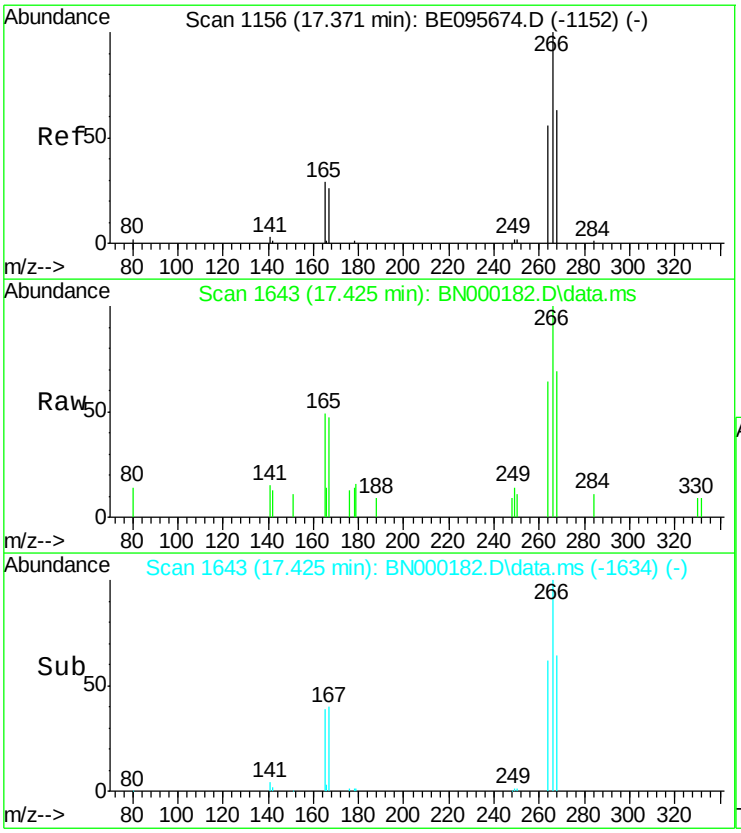


#21
Hexachlorobenzene
Concen: 0.22 ng
RT: 17.085 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:284 Resp: 3242

Ion	Ratio	Lower	Upper
284	100		
142	43.0	22.1	33.1#
249	32.0	34.8	52.2#

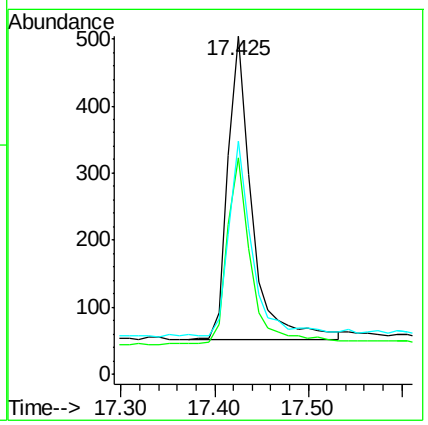


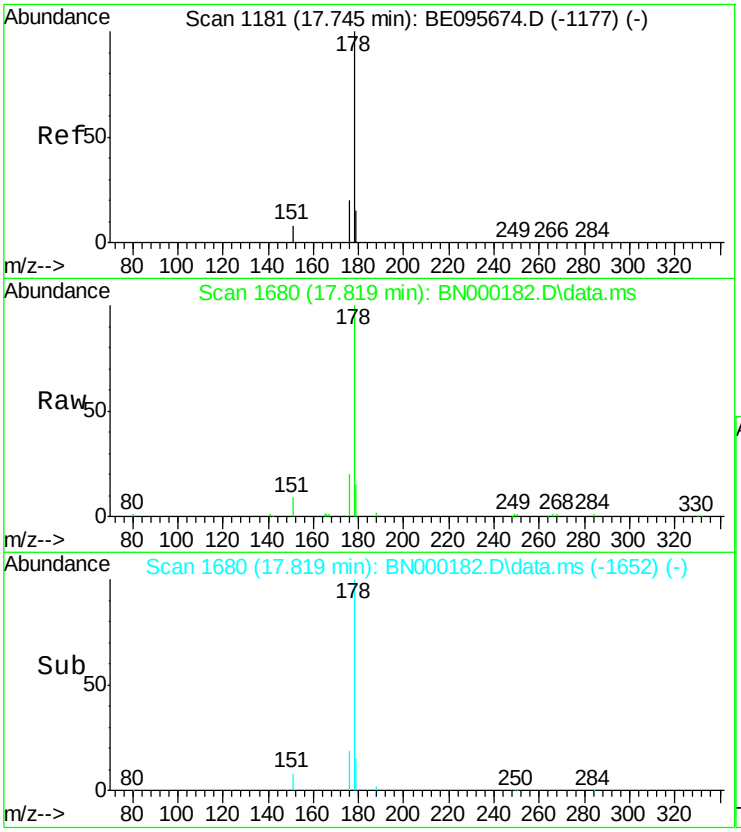


#22
Pentachlorophenol
Concen: 0.24 ng
RT: 17.425 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:266 Resp: 804

Ion	Ratio	Lower	Upper
266	100		
264	63.9	72.5	108.7#
268	68.8	73.8	110.6#

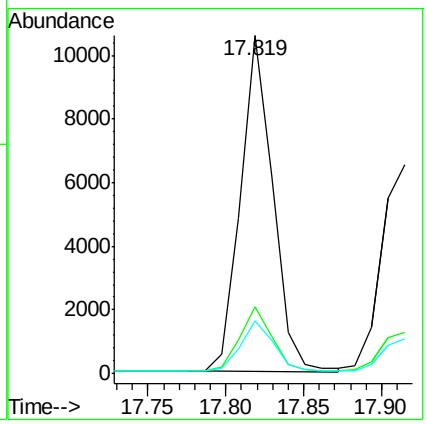


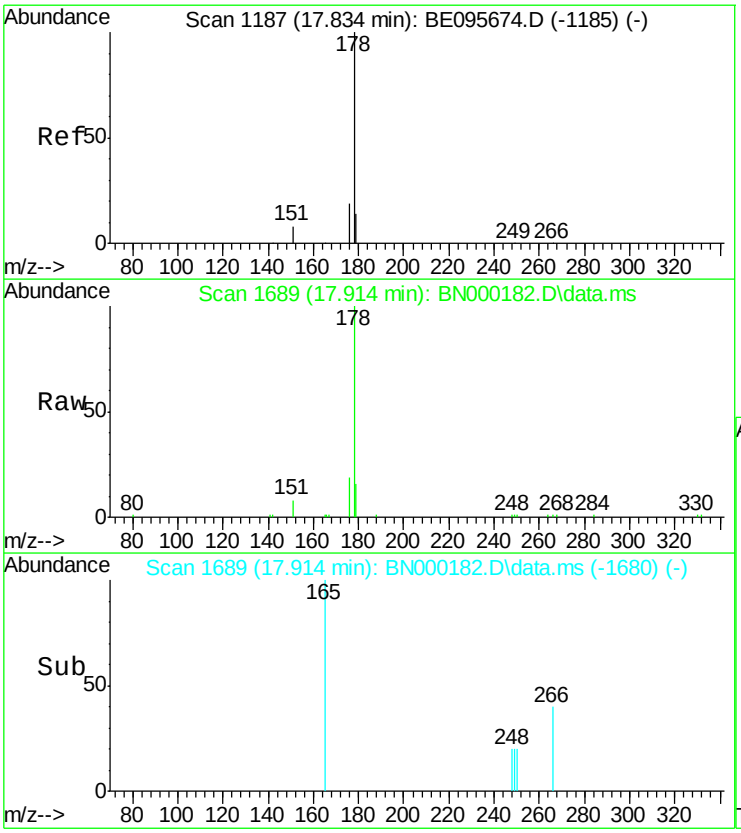


#23
Phenanthrene
Concen: 0.22 ng
RT: 17.819 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:178 Resp: 15192

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.4	11.8	17.6

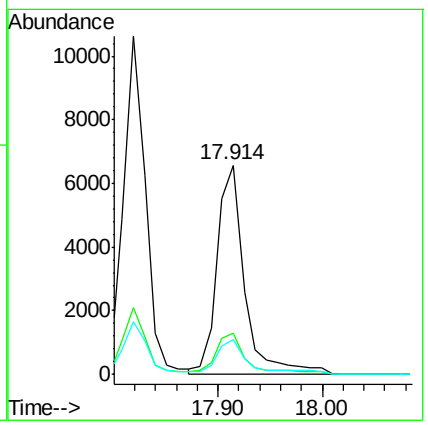


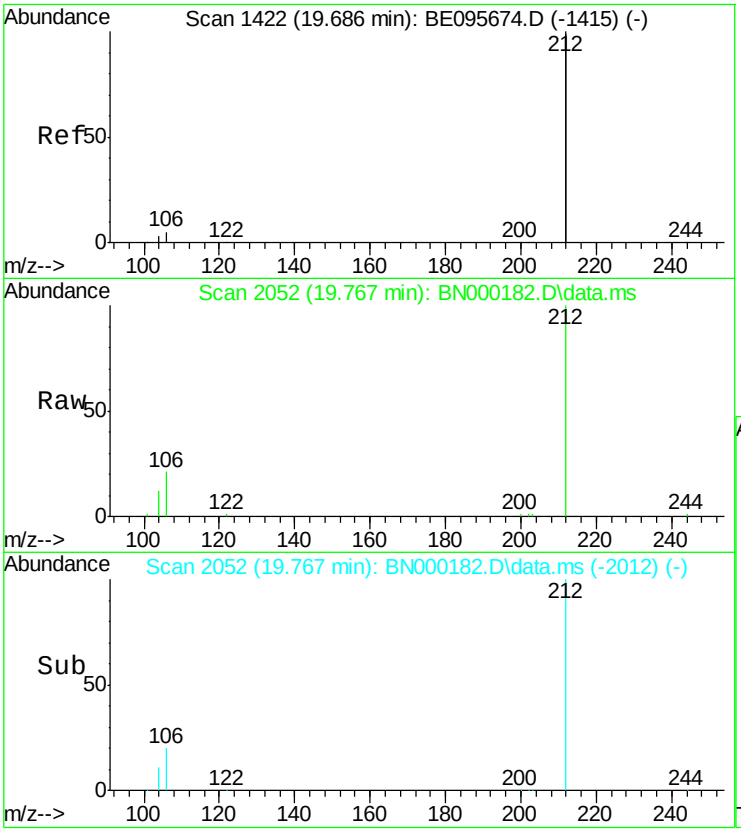


#24
Anthracene
Concen: 0.18 ng
RT: 17.914 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:178 Resp: 11610

Ion	Ratio	Lower	Upper
178	100		
176	22.3	12.8	19.2#
179	19.7	13.0	19.6#

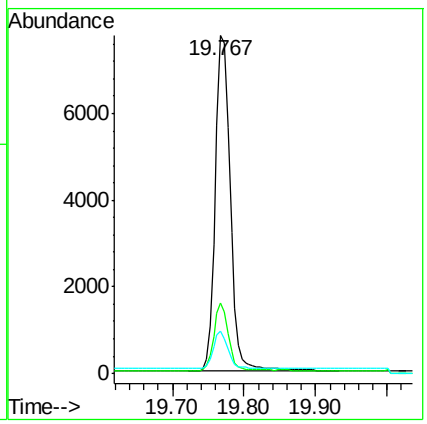


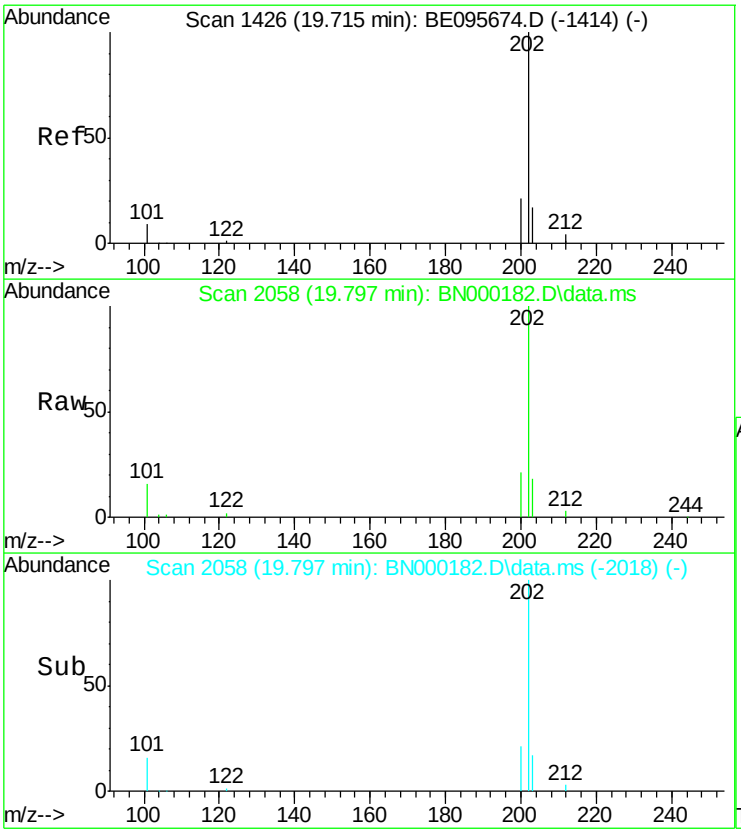


#25
Fluoranthene-d10
Concen: 0.04 ng
RT: 19.767 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:212 Resp: 11349

Ion	Ratio	Lower	Upper
212	100		
106	19.3	2.8	4.2#
104	10.7	1.6	2.4#

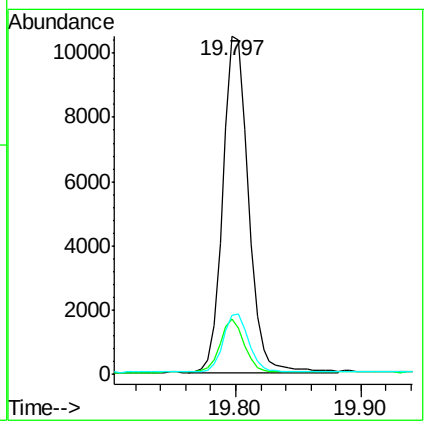


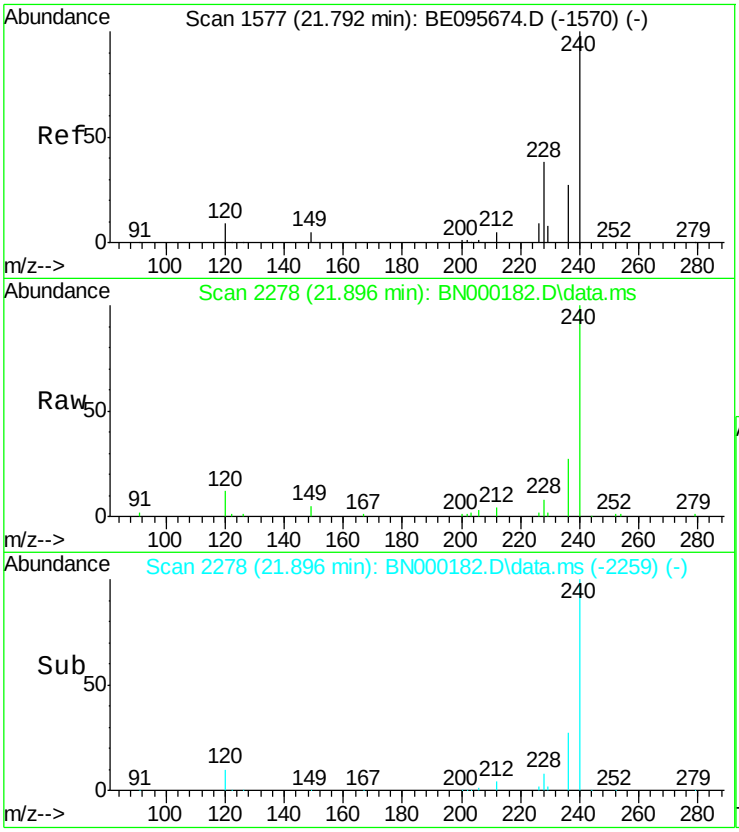


#26
Fluoranthene
Concen: 0.17 ng
RT: 19.797 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:202 Resp: 14841

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.8	14.8#
203	17.1	13.7	20.5

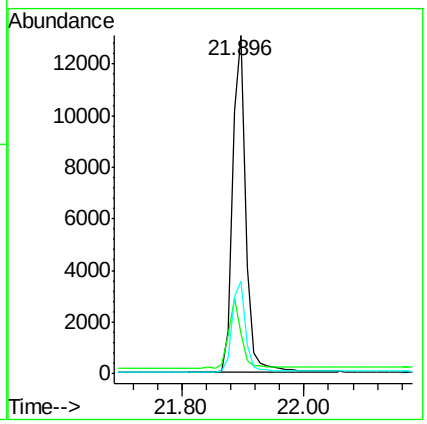


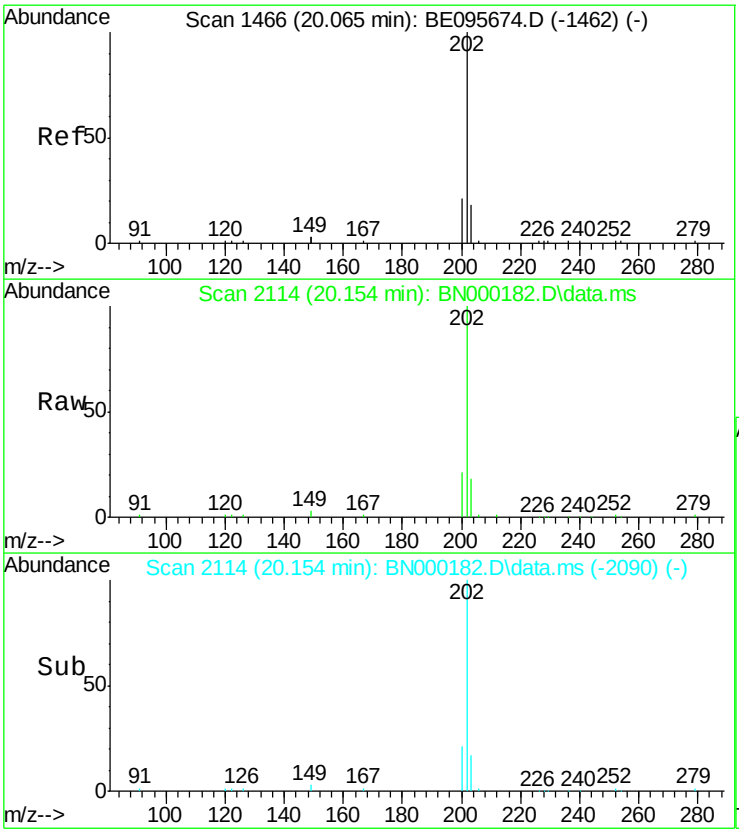


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.896 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:240 Resp: 19841

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.5	8.3#
236	27.1	20.7	31.1

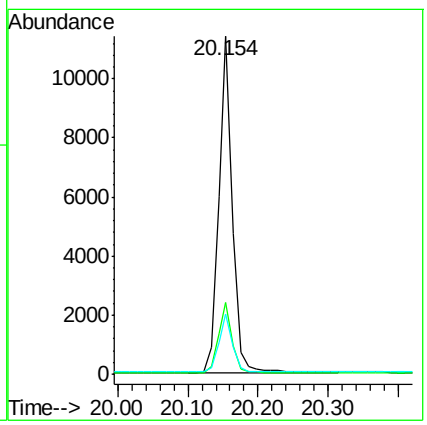


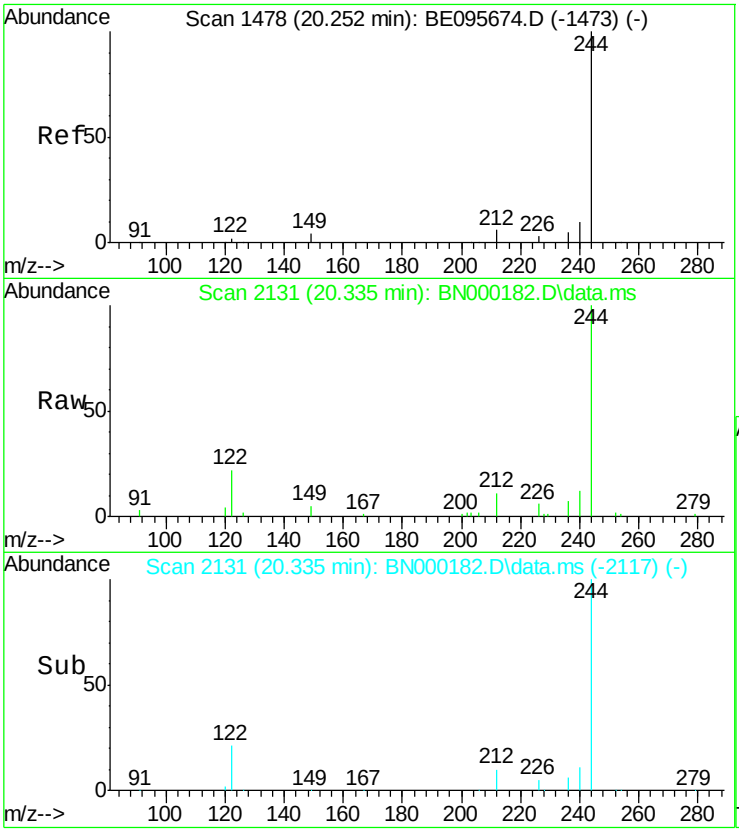


#28
Pyrene
Concen: 0.19 ng
RT: 20.154 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:202 Resp: 15589

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.5	13.8	20.8

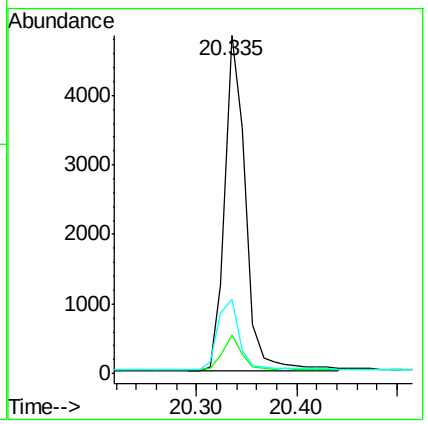


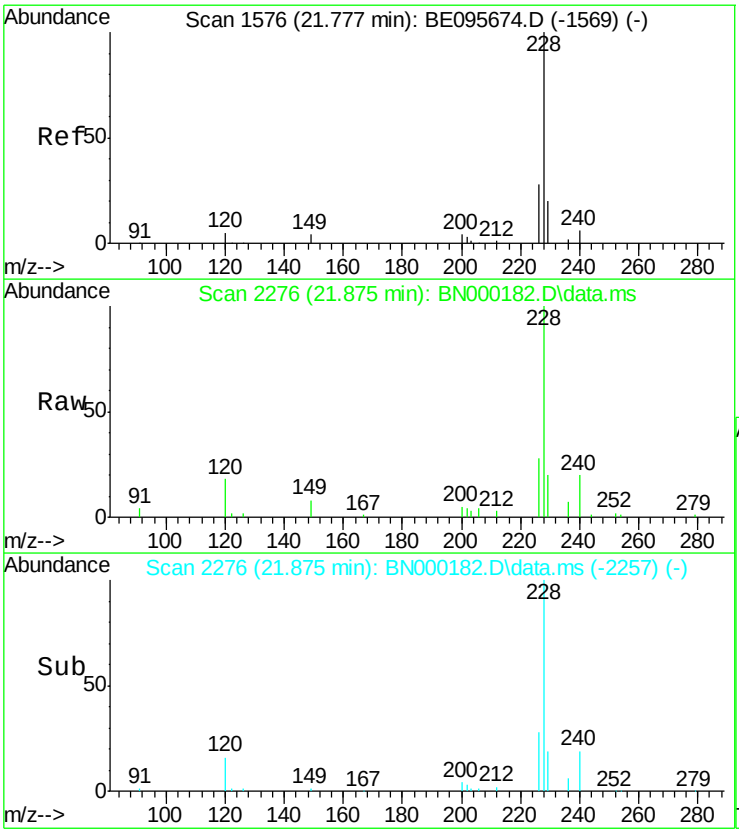


#29
Terphenyl-d14
Concen: 0.18 ng
RT: 20.335 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:244 Resp: 6939

Ion	Ratio	Lower	Upper
244	100		
212	11.5	25.4	38.0#
122	22.1	8.1	12.1#

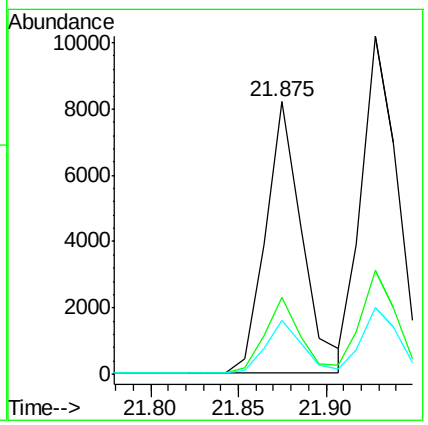


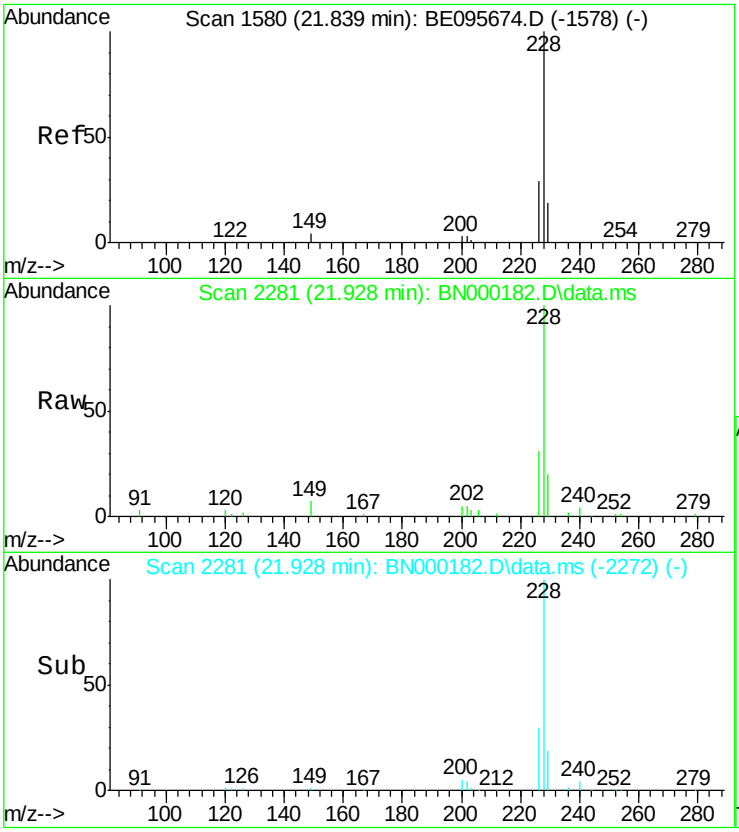


#30
Benzo(a)anthracene
Concen: 0.18 ng
RT: 21.875 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:228 Resp: 11803

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	19.9	16.0	24.0

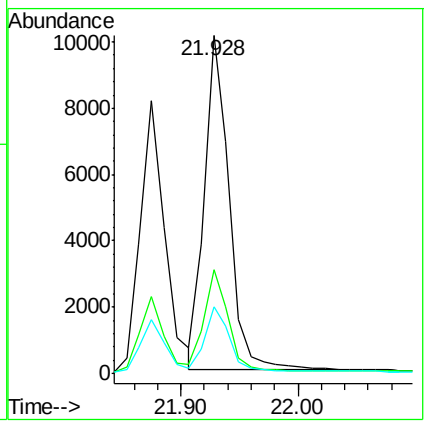


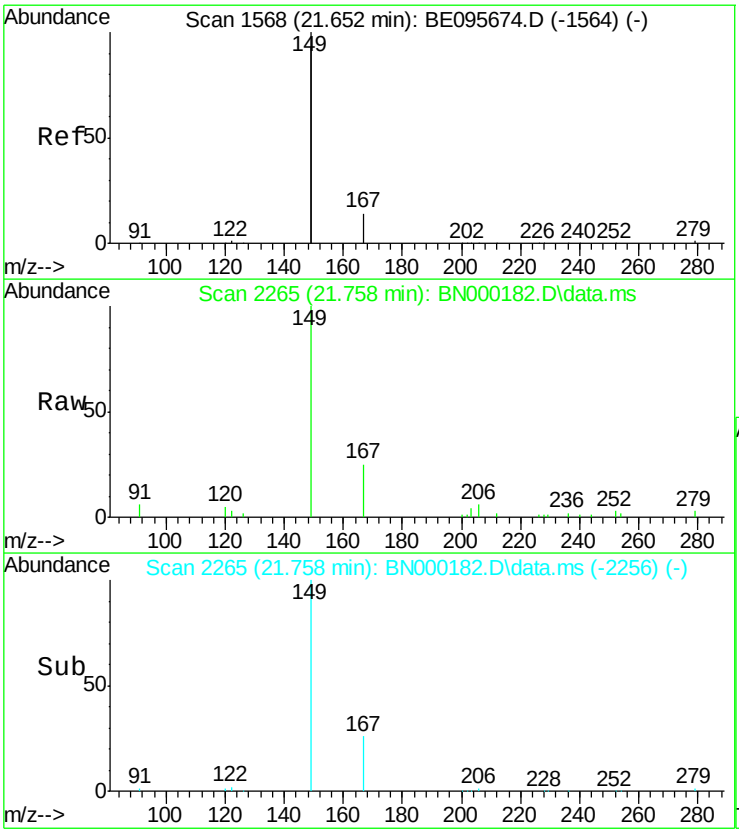


#31
Chrysene
Concen: 0.23 ng
RT: 21.928 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:228 Resp: 14674

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	19.6	16.0	24.0

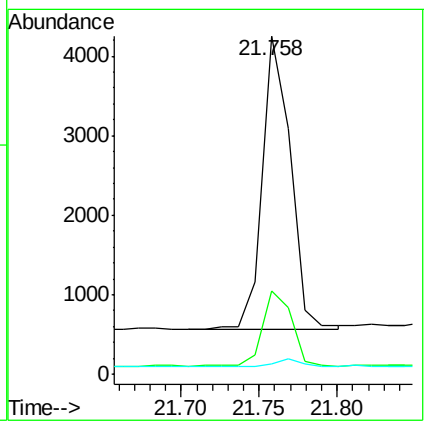


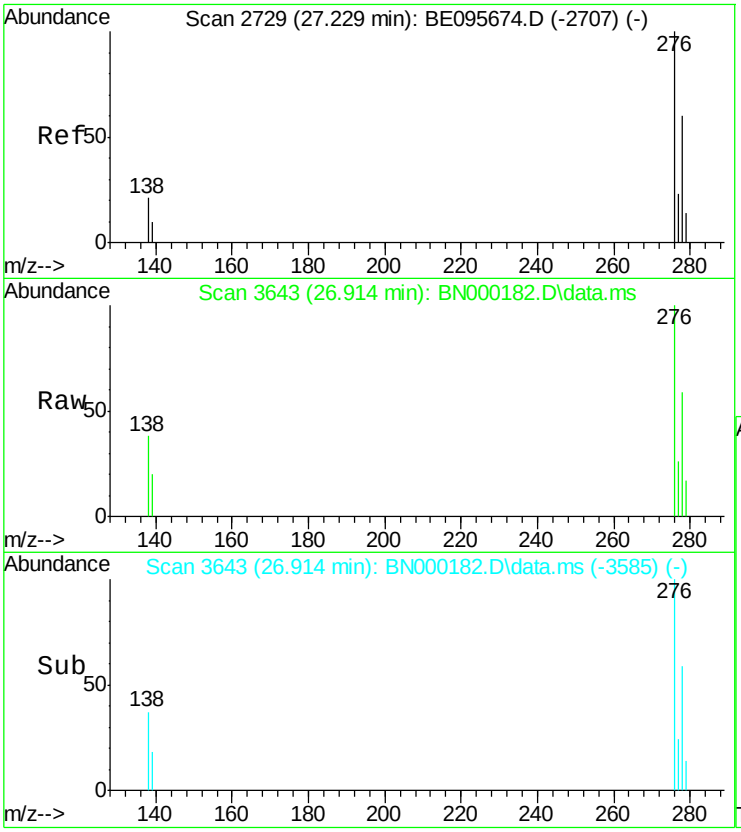


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.758 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:149 Resp: 4585

Ion	Ratio	Lower	Upper
149	100		
167	26.6	5.4	8.0#
279	2.5	0.7	1.1#

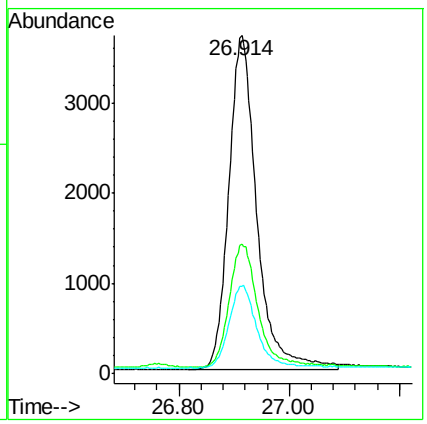


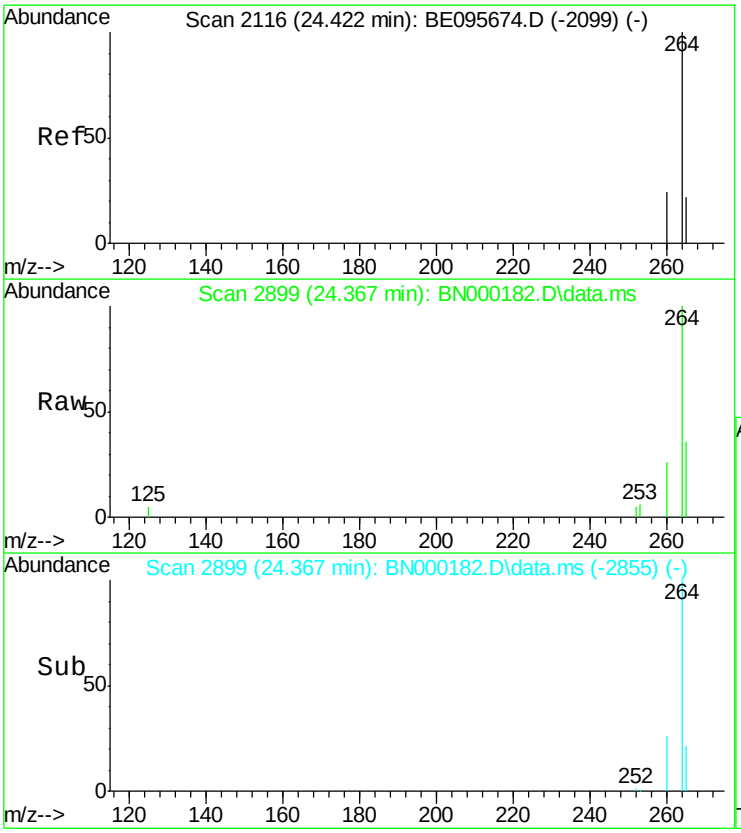


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 26.914 min Scan# 3643
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:276 Resp: 13059

Ion	Ratio	Lower	Upper
276	100		
138	38.3	22.5	33.7#
277	24.5	19.9	29.9

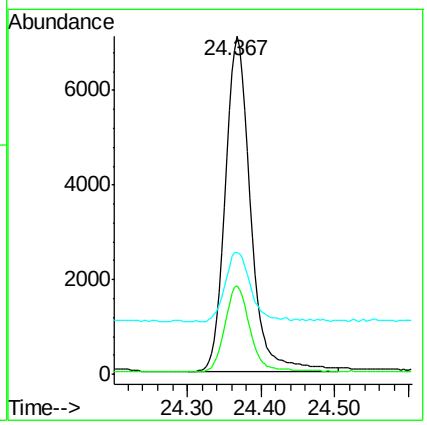


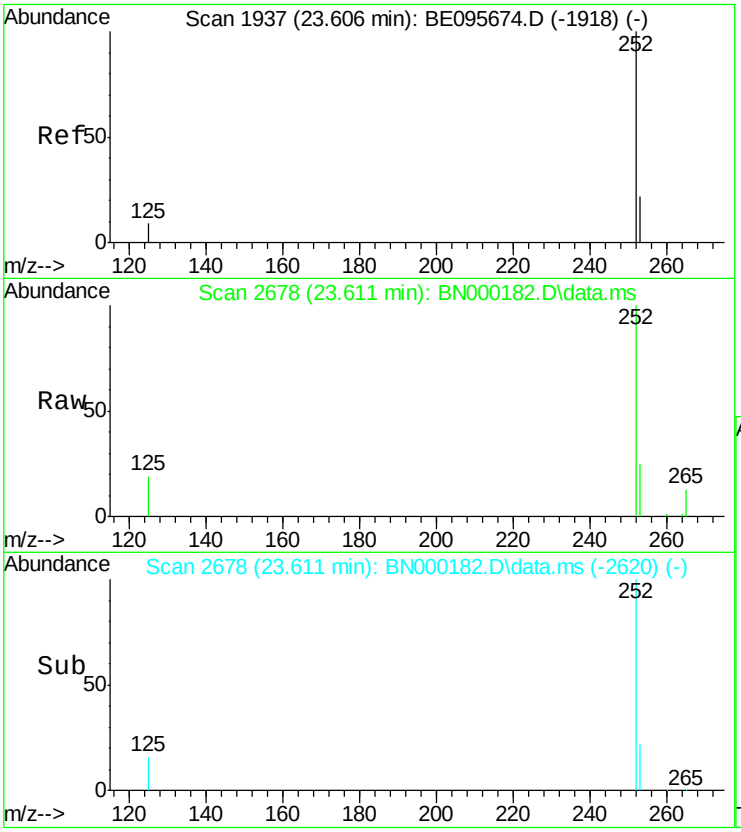


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.367 min Scan# 2899
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:264 Resp: 16687

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	36.1	22.8	34.2#

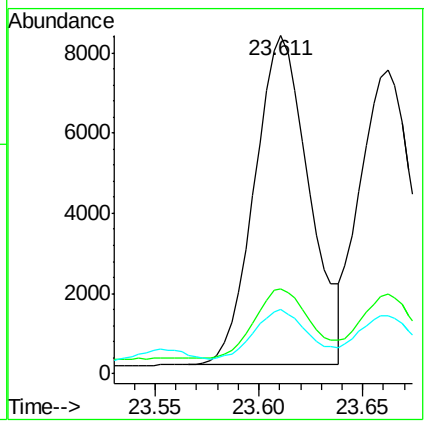


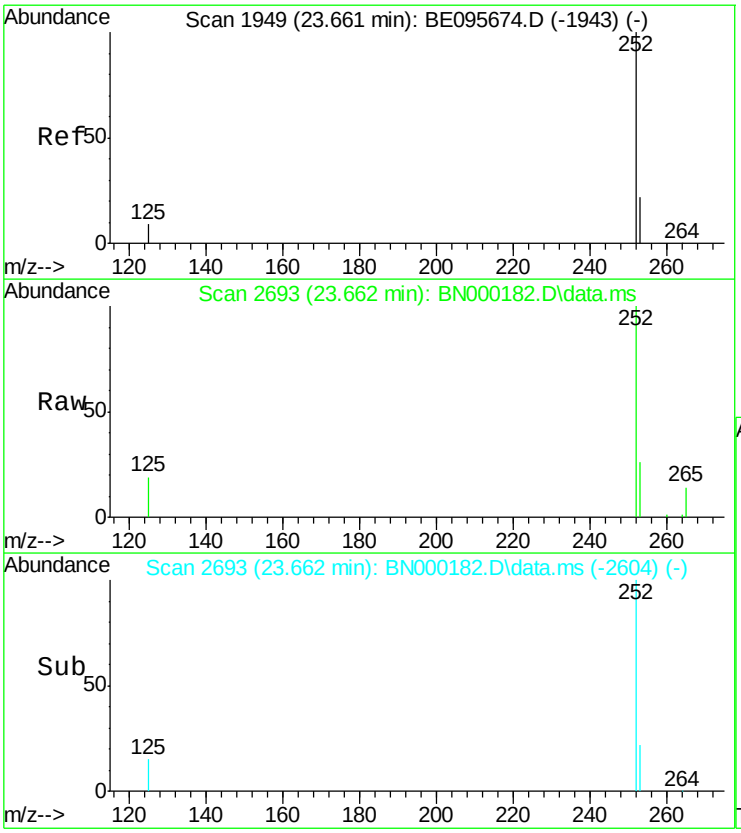


#35
Benzo(b)fluoranthene
Concen: 0.25 ng
RT: 23.611 min Scan# 2678
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:252 Resp: 15104

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.0	30.0
125	19.0	16.0	24.0

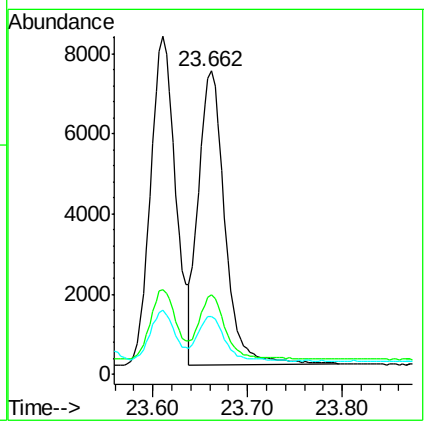


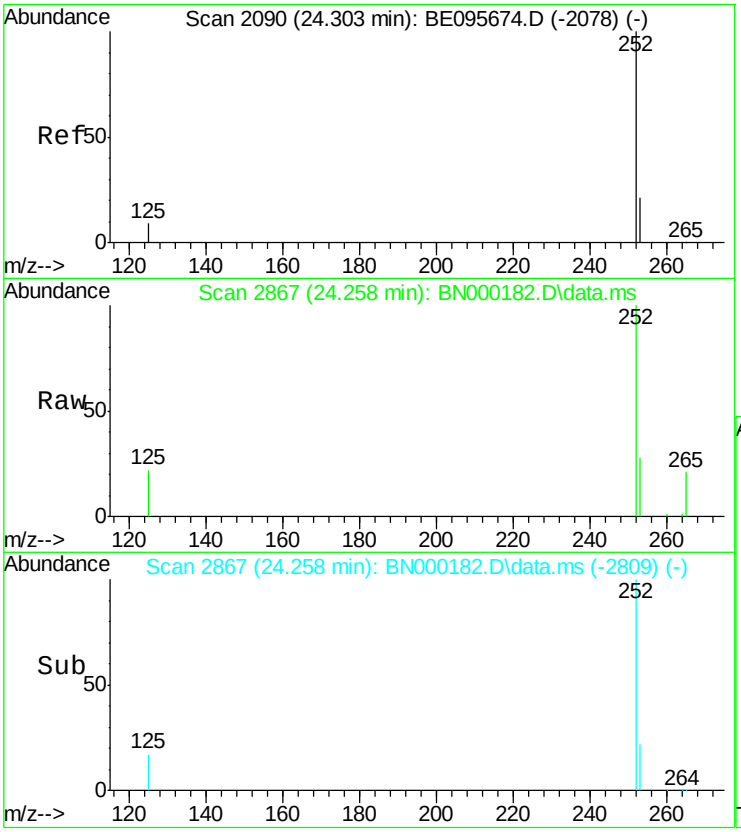


#36
Benzo(k)fluoranthene
Concen: 0.24 ng
RT: 23.662 min Scan# 2693
Delta R.T. 0.003 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:252 Resp: 14114

Ion	Ratio	Lower	Upper
252	100		
253	26.1	16.0	24.0#
125	19.0	8.0	12.0#

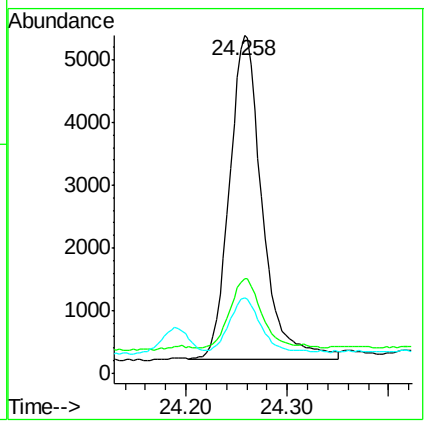


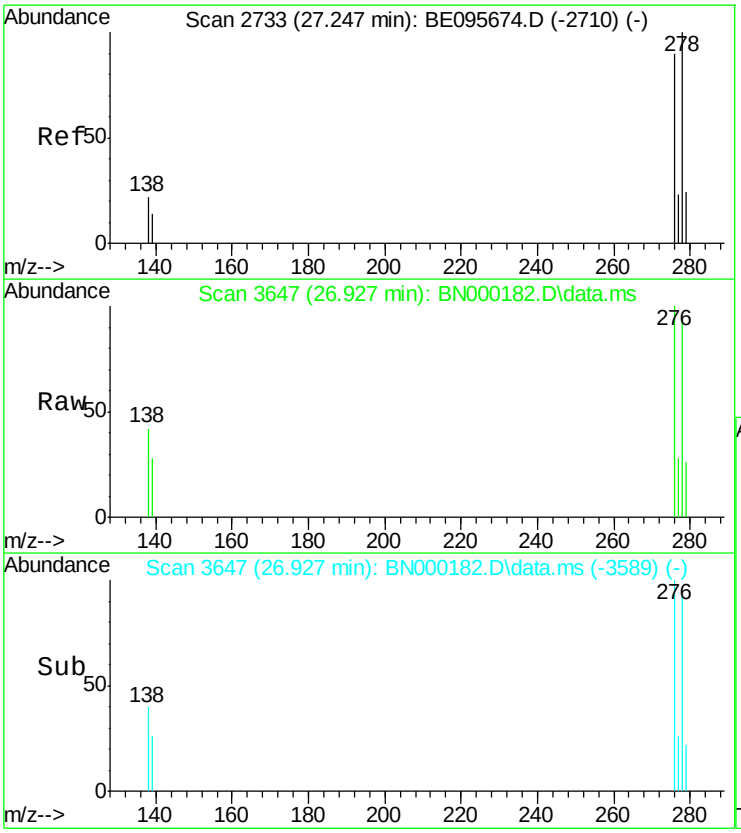


#37
Benzo(a)pyrene
Concen: 0.22 ng
RT: 24.258 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:252 Resp: 11563

Ion	Ratio	Lower	Upper
252	100		
253	28.0	16.0	24.0#
125	22.4	12.0	18.0#

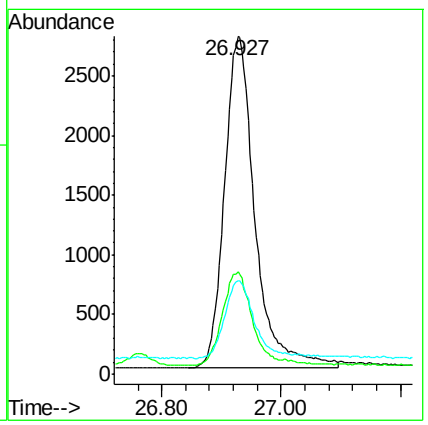


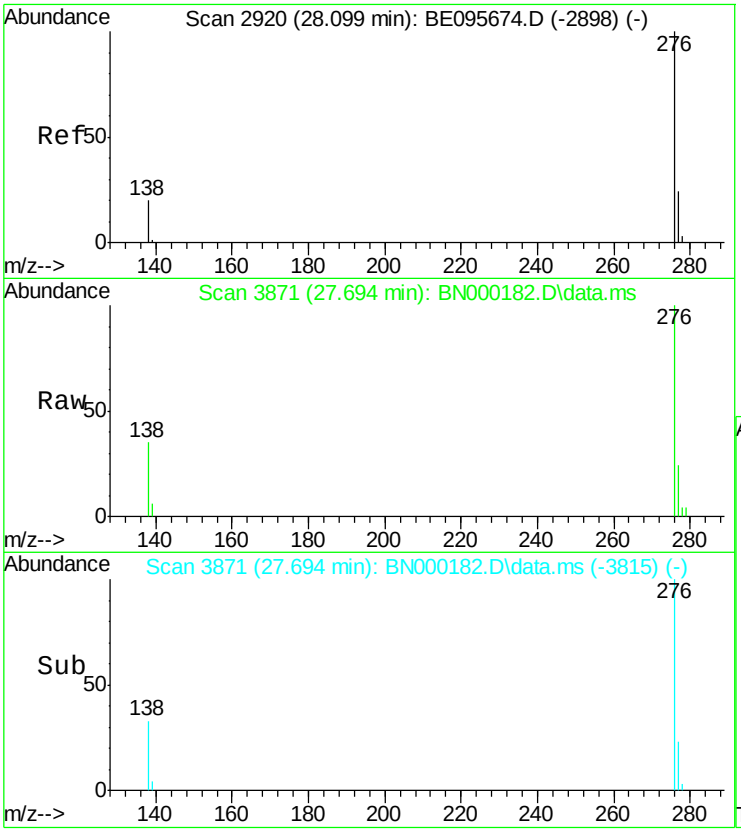


#38
Dibenzo(a,h)anthracene
Concen: 0.21 ng
RT: 26.927 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:278 Resp: 9866

Ion	Ratio	Lower	Upper
278	100		
139	30.4	16.0	24.0#
279	27.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.25 ng
RT: 27.694 min Scan# 3871
Delta R.T. -0.007 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

Tgt Ion:276 Resp: 12702

Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	35.1	20.0	30.0#