Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000181.D
Acq On : 27 Feb 2018 09:16
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Feb 27 13:54:17 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 13:46:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6042	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	22293	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	11048	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	25445	0.40	ng		0.00
27) Chrysene-d12	21.90	240	20732	0.40	ng		0.00
34) Perylene-d12	24.37	264	16932	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	1299	0.10	ng		0.00
5) Phenol-d6	7.58	99	1584	0.10	ng		0.00
8) Nitrobenzene-d5	9.63	82	1293	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	3308	0.10	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	308	0.08	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	5227	0.10	ng		0.00
25) Fluoranthene-d10	19.77	212	6489	0.10	ng		0.00
29) Terphenyl-d14	20.33	244	3732	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	608	0.086	ng		94
3) n-Nitrosodimethylamine	4.05	42	203	0.044	ng	#	81
6) bis(2-Chloroethyl)ether	7.85	93	2029	0.099	ng		97
9) Naphthalene	11.34	128	6519	0.100	ng		95
10) Hexachlorobutadiene	11.62	225	1115	0.101	ng		97
12) 2-Methylnaphthalene	12.92	142	4113	0.096	ng		99
16) Acenaphthylene	14.78	152	4694	0.090	ng		100
17) Acenaphthene	15.13	154	3932	0.096	ng		95
18) Fluorene	16.09	166	4902	0.096	ng	#	80
20) 4-Bromophenyl-phenylether	16.97	248	1351	0.092	ng	#	81
21) Hexachlorobenzene	17.09	284	1946	0.099	ng		95
22) Pentachlorophenol	17.43	266	633	0.121	ng		92
23) Phenanthrene	17.82	178	8712	0.097	ng		96
24) Anthracene	17.91	178	6791	0.097	ng	#	82
26) Fluoranthene	19.80	202	8145	0.088	ng	#	96
28) Pyrene	20.15	202	8595	0.106	ng		98
30) Benzo(a)anthracene	21.87	228	6347	0.097	ng		98
31) Chrysene	21.93	228	7653	0.100	ng		99
32) Bis(2-ethylhexyl)phthalate	21.76	149	2967	0.122	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.91	276	6104	0.086	ng	#	90
35) Benzo(b)fluoranthene	23.61	252	7538	0.098	ng		94
36) Benzo(k)fluoranthene	23.66	252	6783	0.090	ng	#	72
37) Benzo(a)pyrene	24.26	252	5709	0.091	ng	#	69
38) Dibenzo(a,h)anthracene	26.93	278	4354	0.078	ng	#	78
39) Benzo(g,h,i)perylene	27.70	276	6108	0.092	ng	#	81

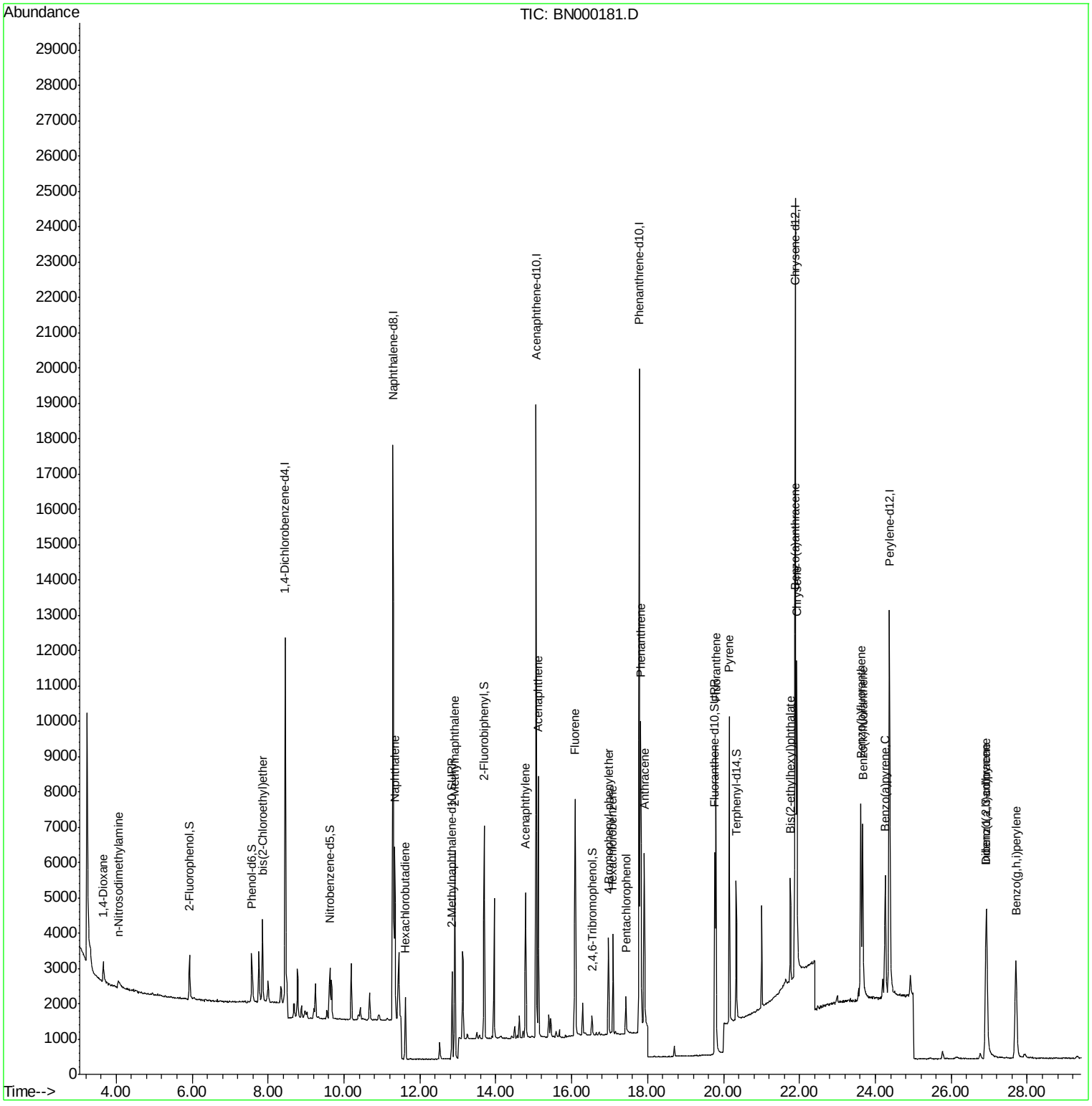
(#) = qualifier out of range (m) = manual integration (+) = signals summed

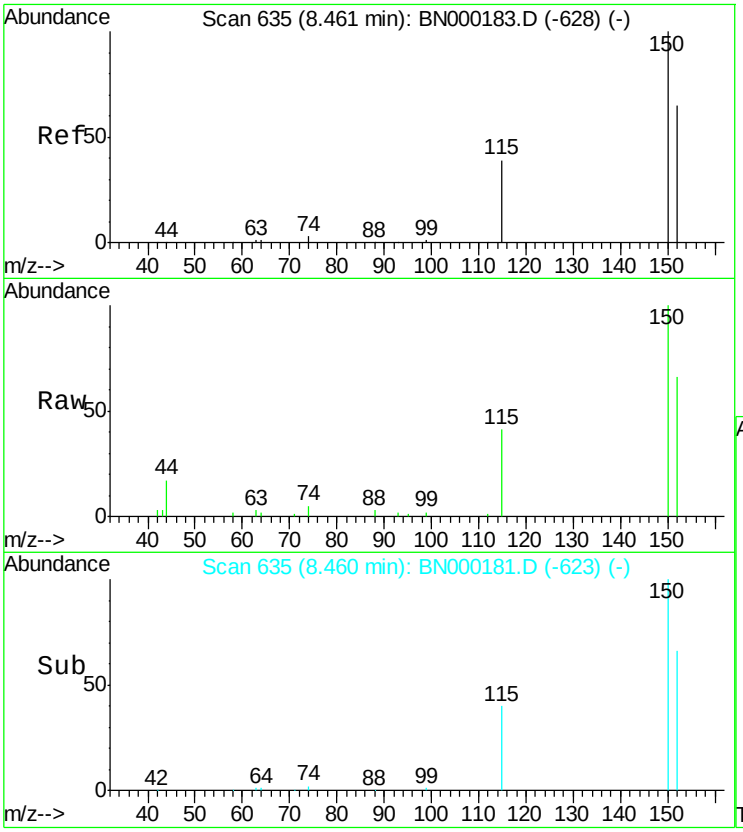
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000181.D
Acq On : 27 Feb 2018 09:16
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Feb 27 13:54:17 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 13:46:32 2018
Response via : Initial Calibration



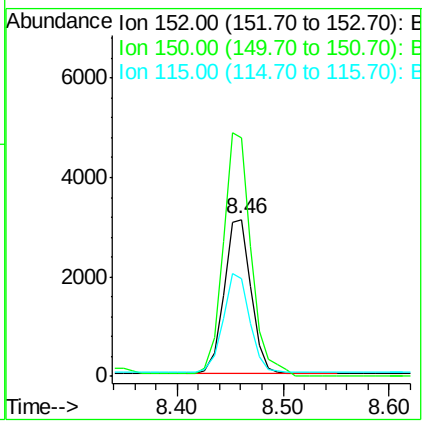


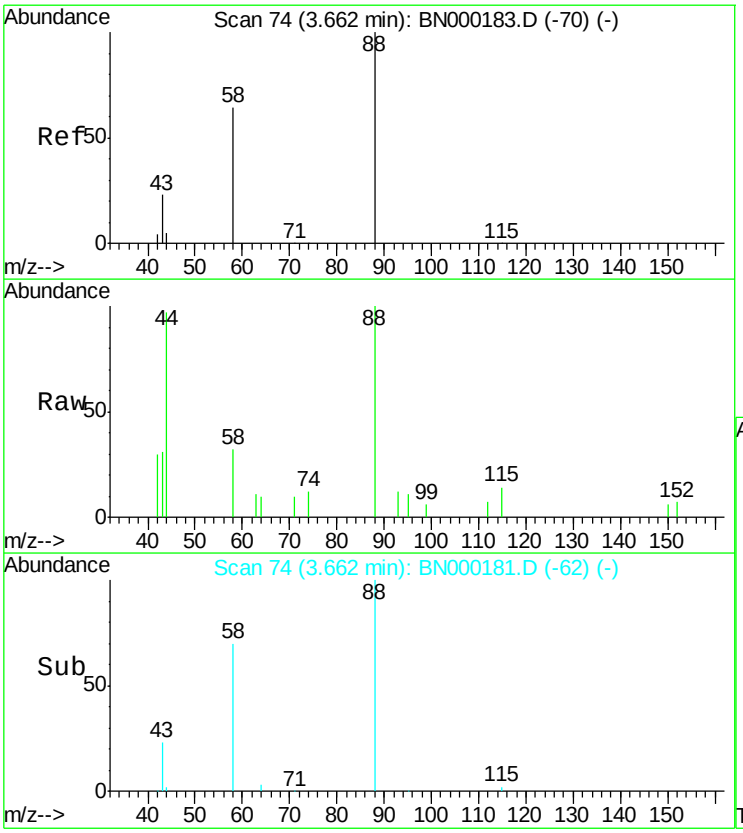
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 635
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6042

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	62.1	57.0	85.6

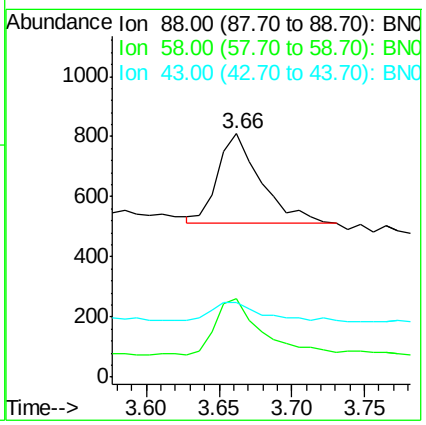


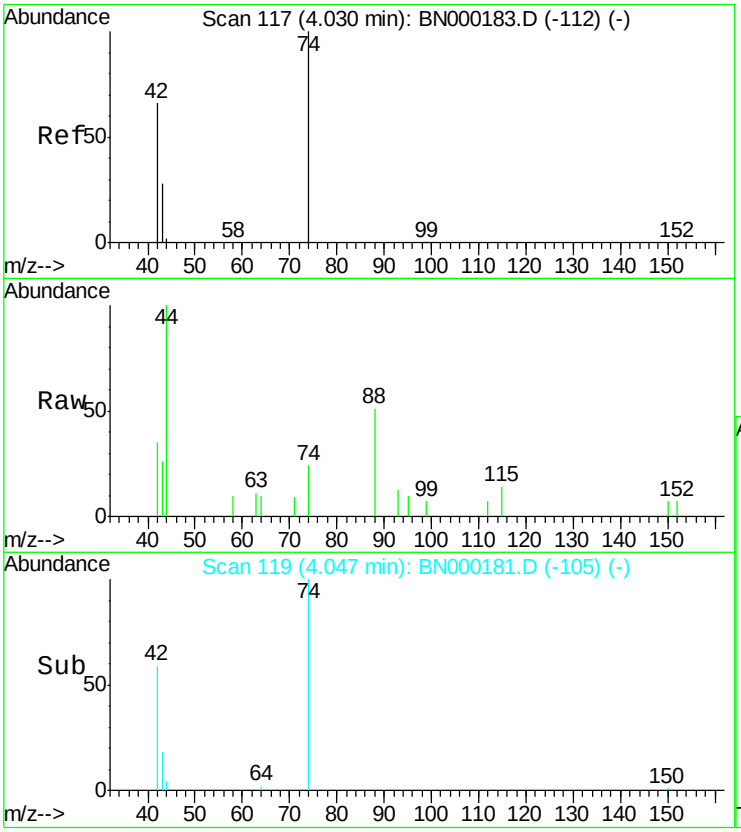


#2
1,4-Dioxane
Concen: 0.086 ng
RT: 3.66 min Scan# 74
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 88 Resp: 608

Ion	Ratio	Lower	Upper
88	100		
58	65.1	48.0	72.0
43	23.5	20.0	30.0



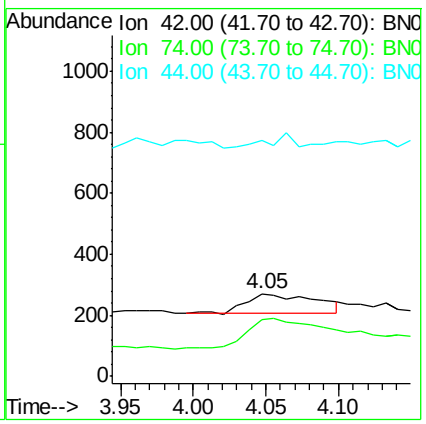


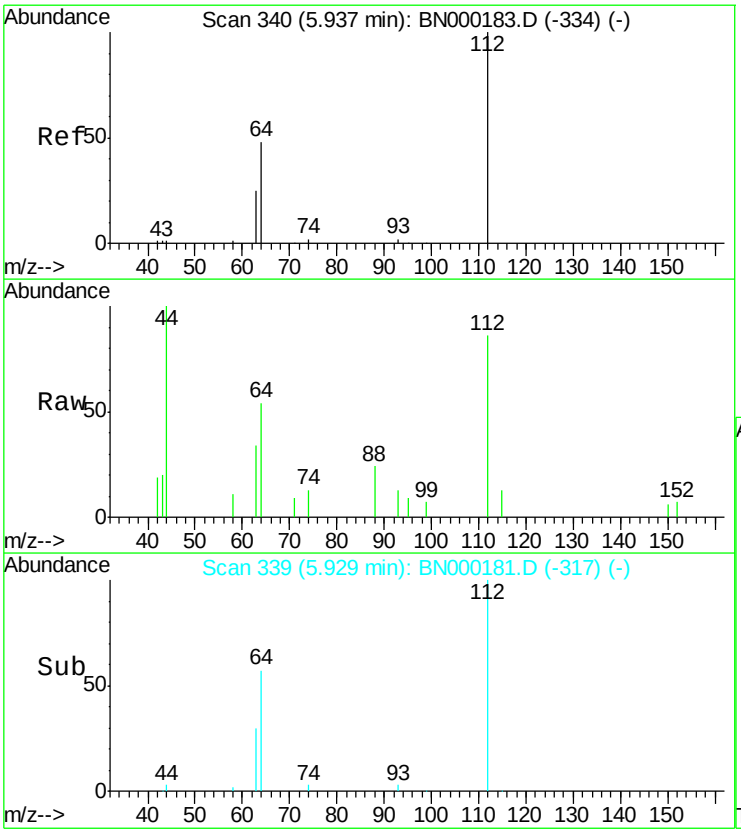
#3
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 4.05 min Scan# 119
Delta R.T. 0.02 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 203

Ion	Ratio	Lower	Upper
42	100		
74	171.4	120.0	180.0
44	35.5	4.0	6.0#

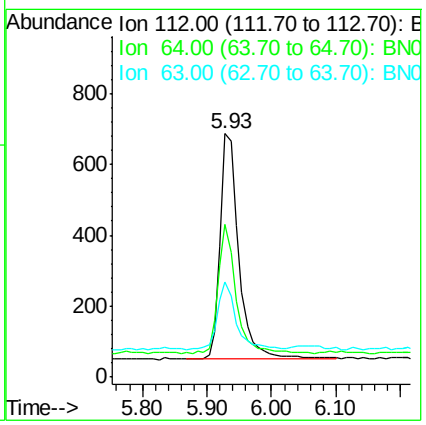


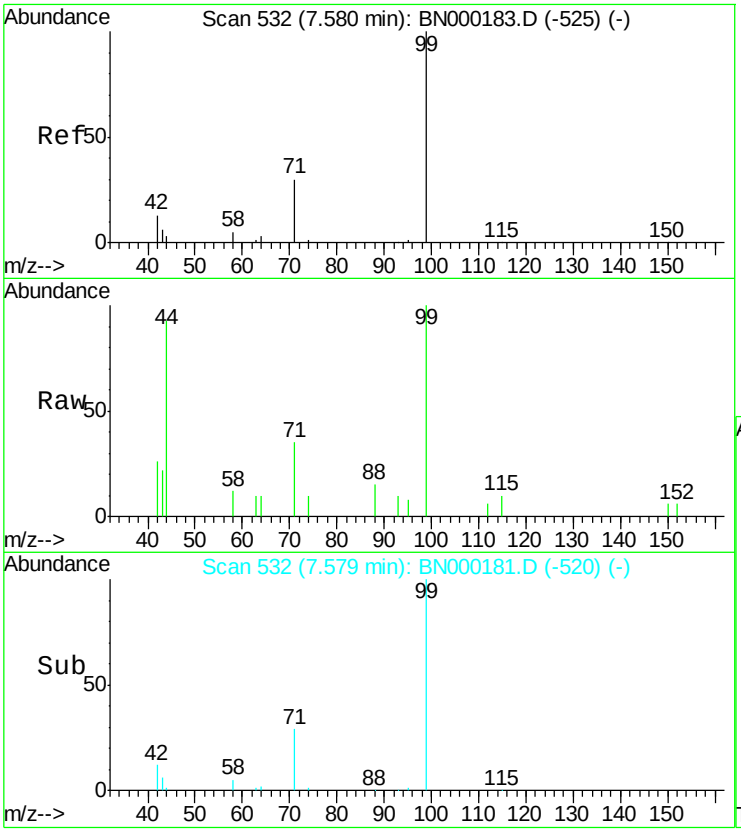


#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:112 Resp: 1299

Ion	Ratio	Lower	Upper
112	100		
64	54.6	60.1	90.1#
63	29.3	116.8	175.2#



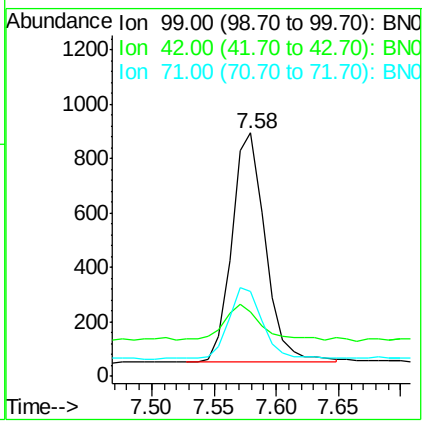


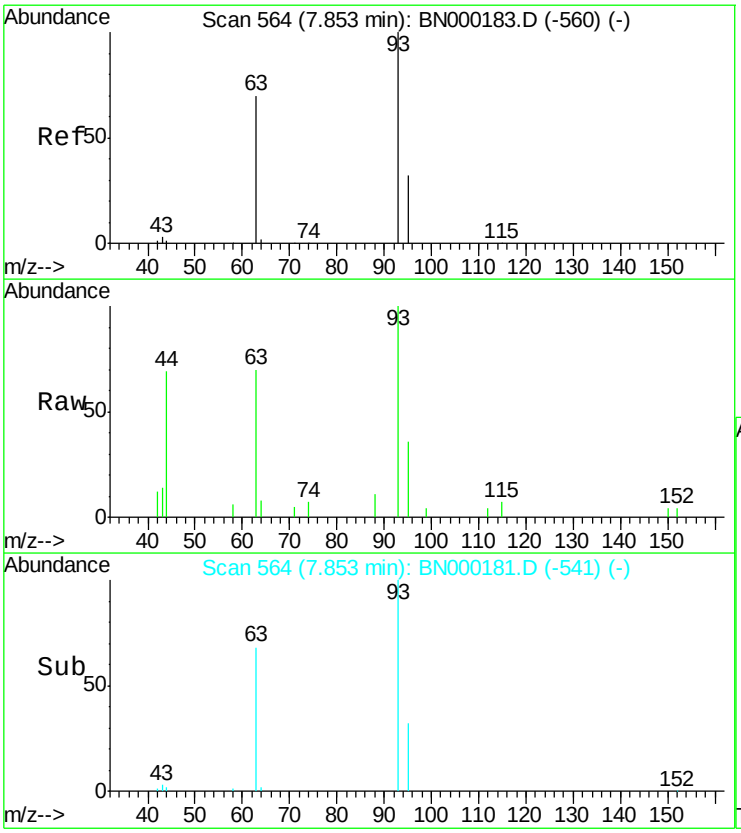
#5
Phenol-d6
Concen: 0.098 ng
RT: 7.58 min Scan# 532
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1584

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.2	30.2#
71	30.9	28.4	42.6

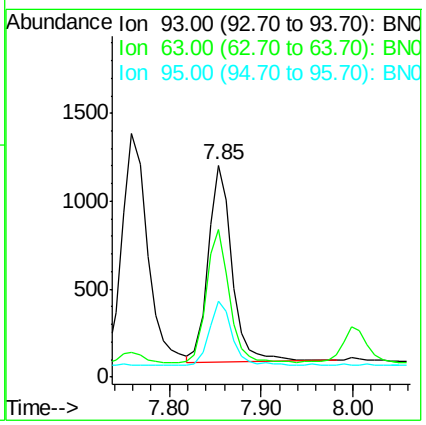


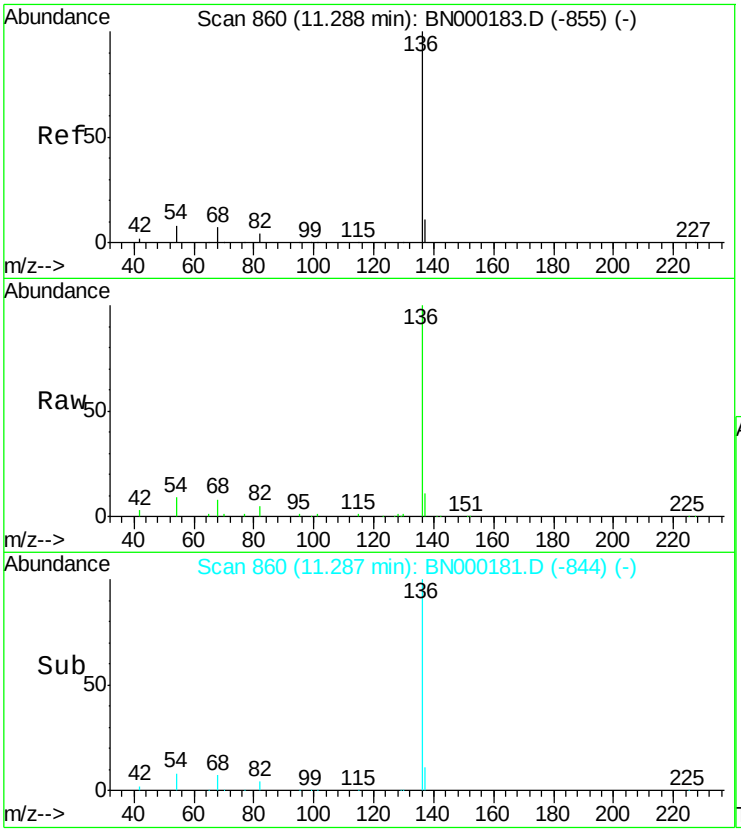


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.85 min Scan# 564
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 93 Resp: 2029

Ion	Ratio	Lower	Upper
93	100		
63	66.4	56.0	84.0
95	31.6	25.2	37.8



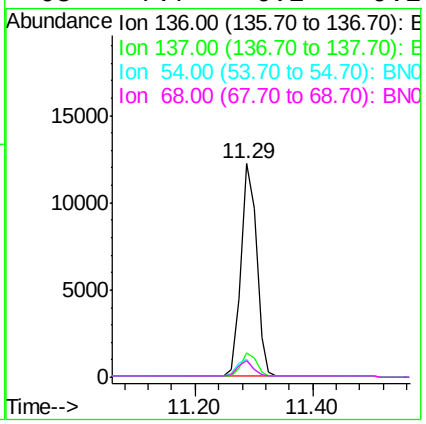


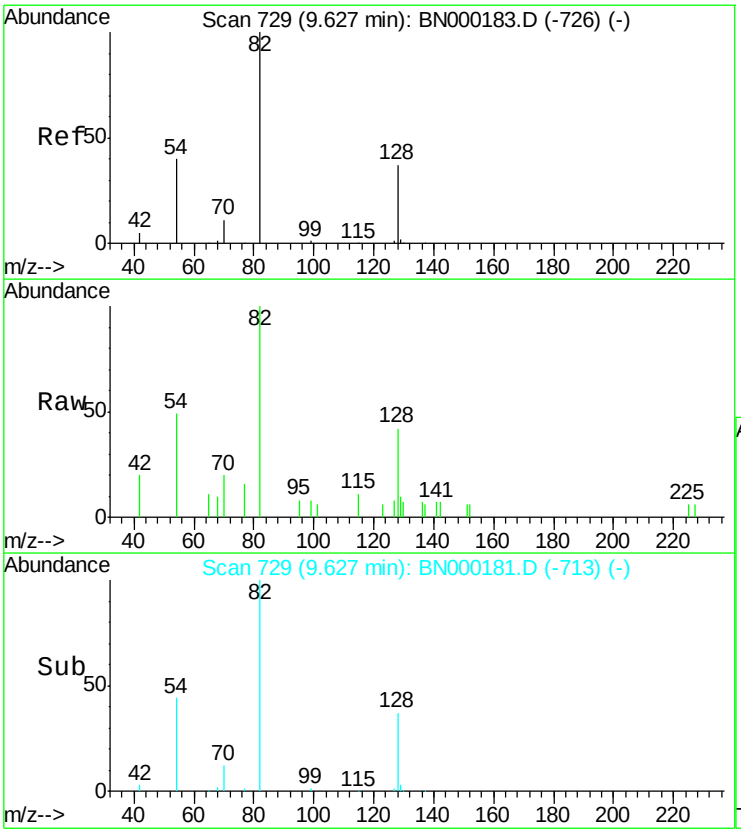
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 860
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 22293

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	8.6	29.1	43.7#
68	7.7	6.2	9.2

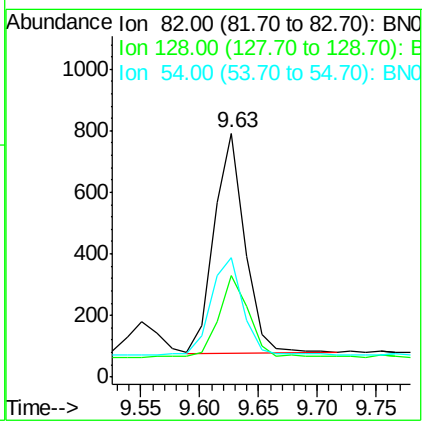


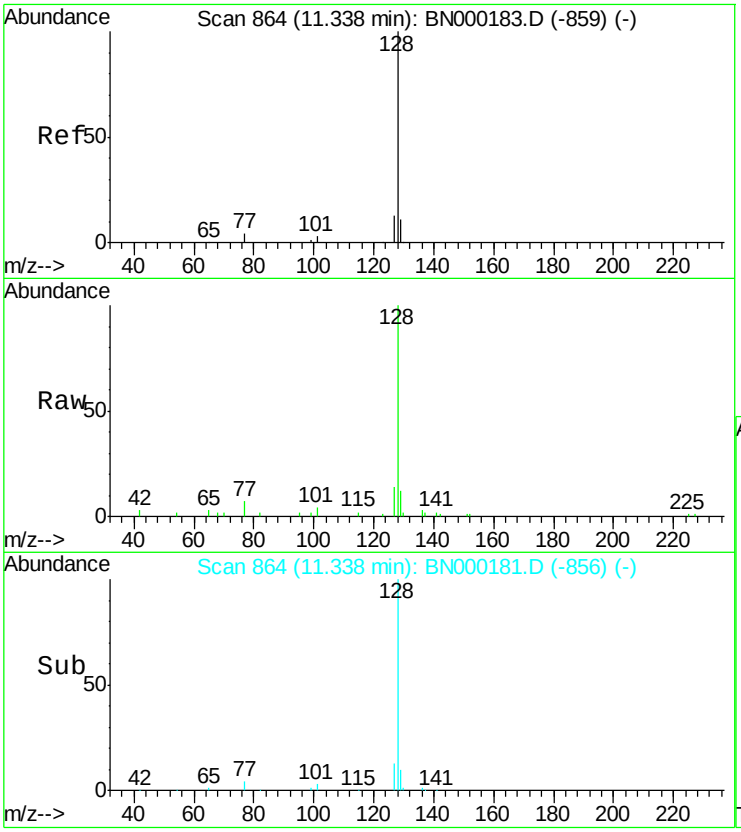


#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 9.63 min Scan# 729
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 82 Resp: 1293

Ion	Ratio	Lower	Upper
82	100		
128	41.6	150.0	225.0#
54	49.1	154.2	231.4#



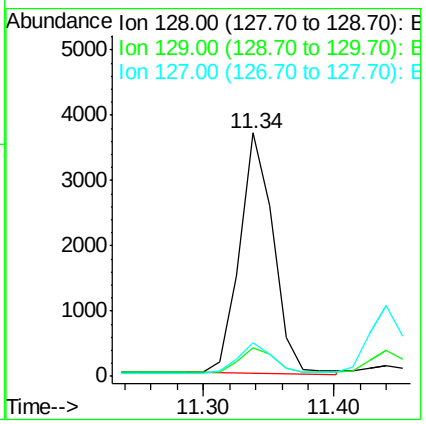


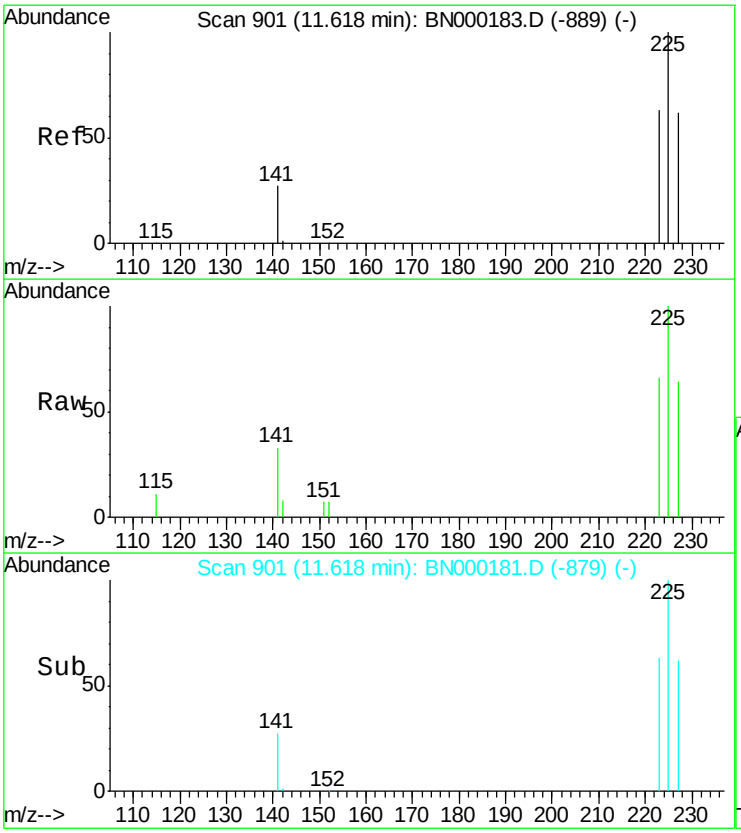
#9
Naphthalene
Concen: 0.100 ng
RT: 11.34 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 6519

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.0	12.0
127	14.1	9.6	14.4

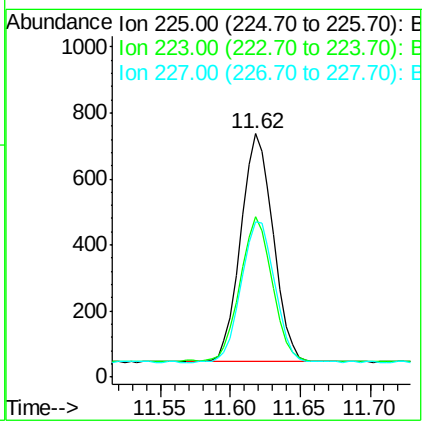


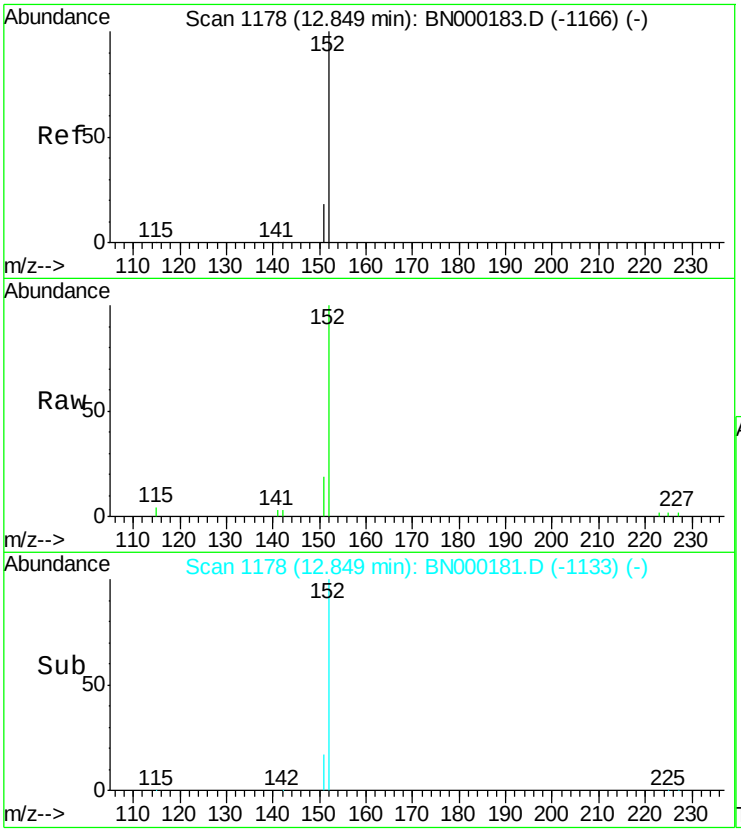


#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 11.62 min Scan# 901
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:225 Resp: 1115

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	63.7	51.4	77.2



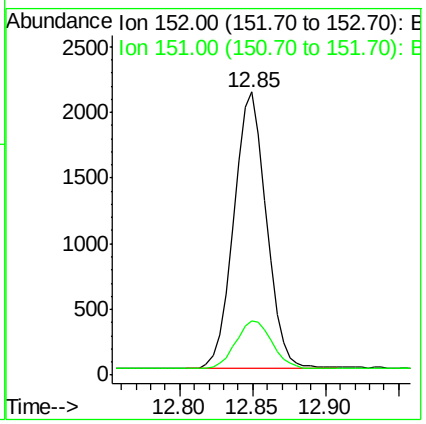


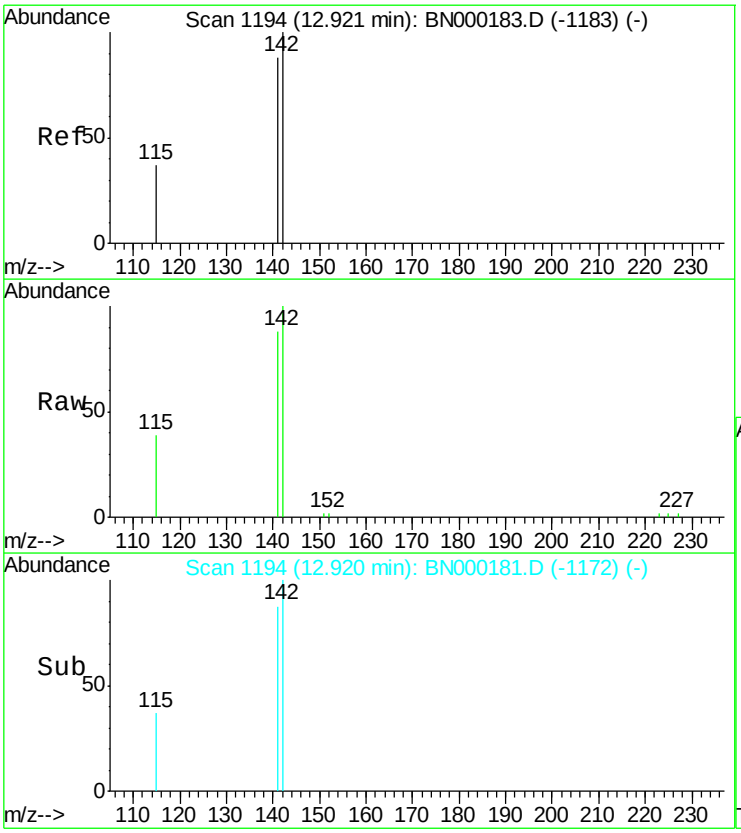
#11
2-Methylnaphthalene-d10
Concen: 0.099 ng
RT: 12.85 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3308

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

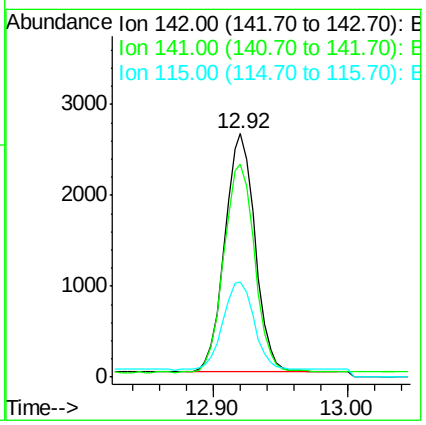


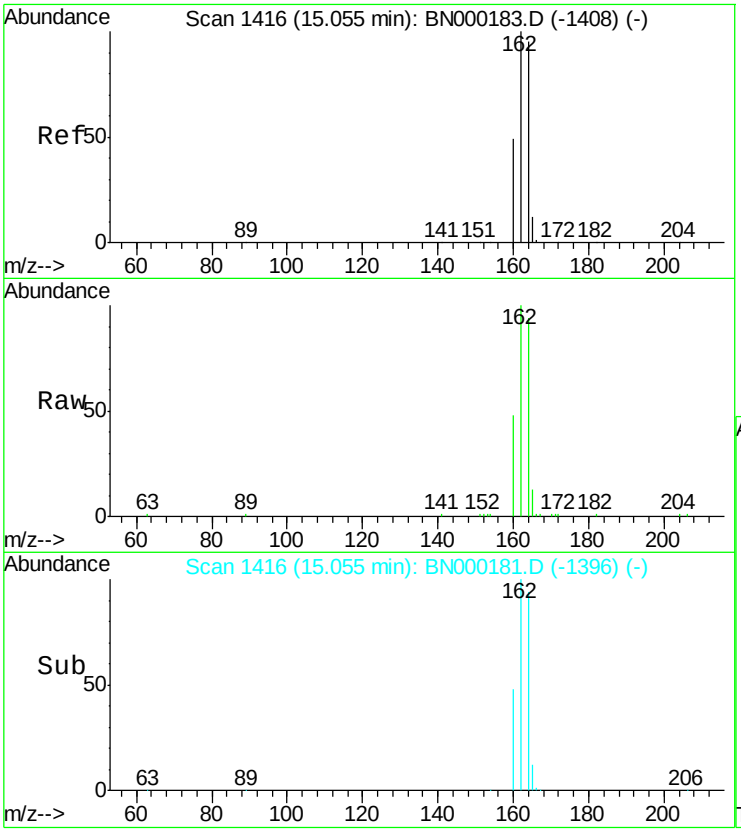


#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.92 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:142 Resp: 4113

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	39.2	31.7	47.5



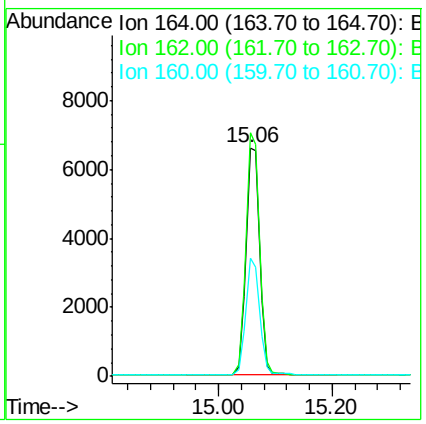


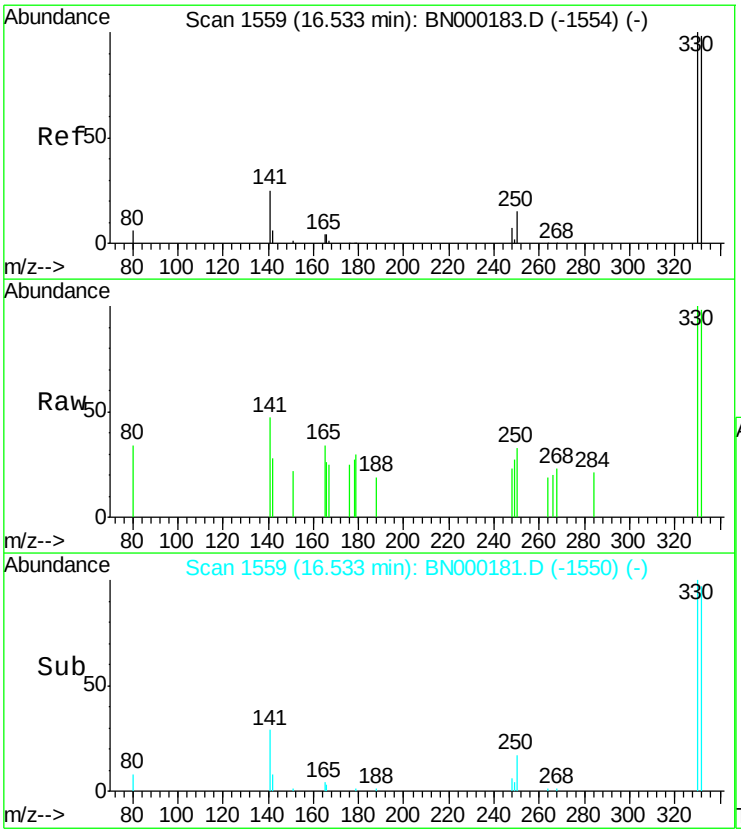
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 11048

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.1	124.7
160	51.7	37.1	55.7

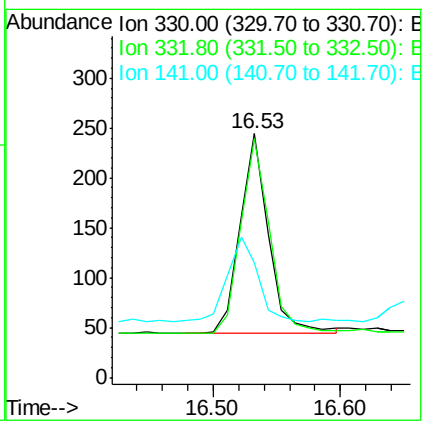


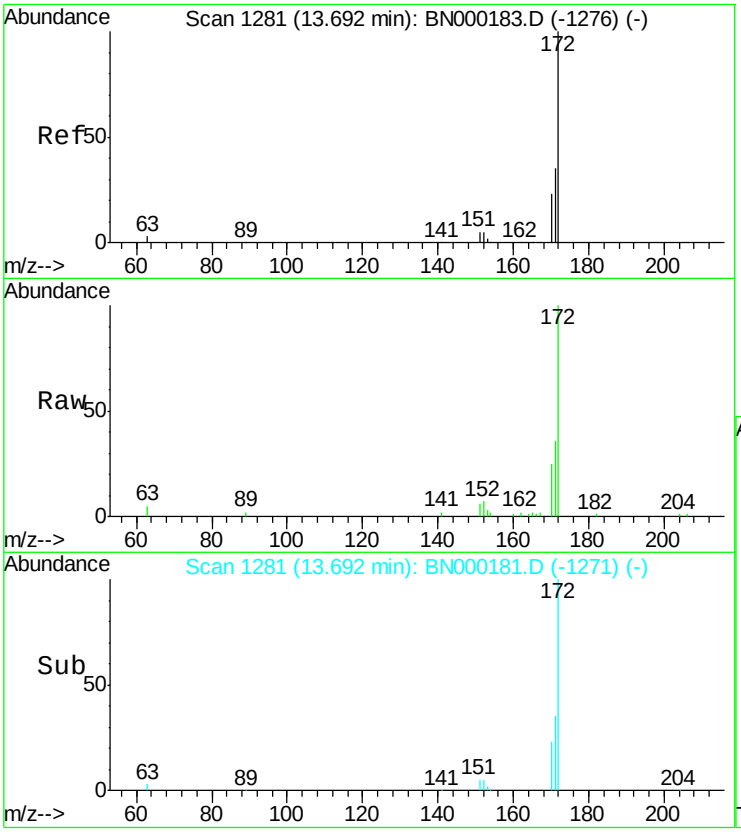


#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 16.53 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:330 Resp: 308

Ion	Ratio	Lower	Upper
330	100		
332	101.3	152.7	229.1#
141	45.1	33.7	50.5



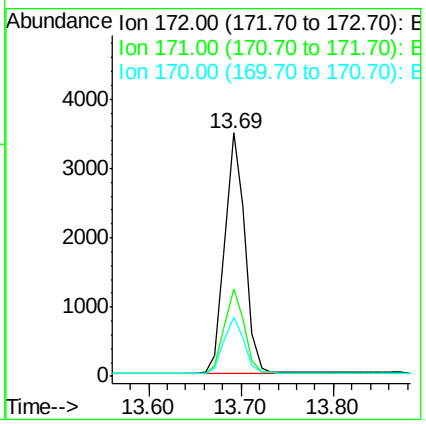


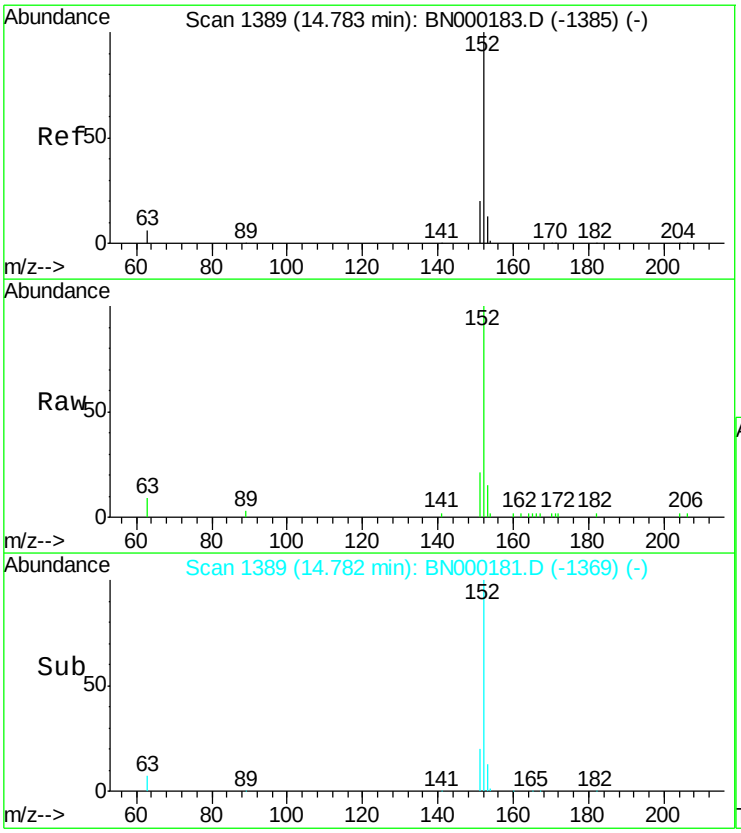
#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 5227

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	24.5	21.8	32.8

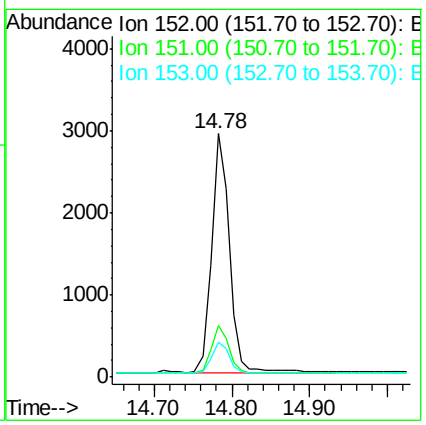


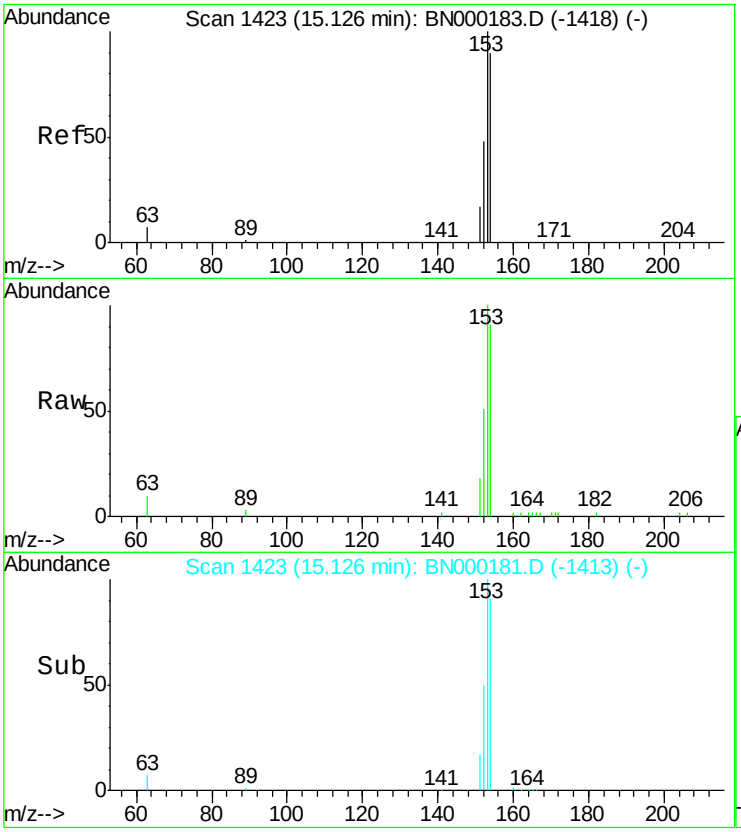


#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:152 Resp: 4694

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.8	10.5	15.7



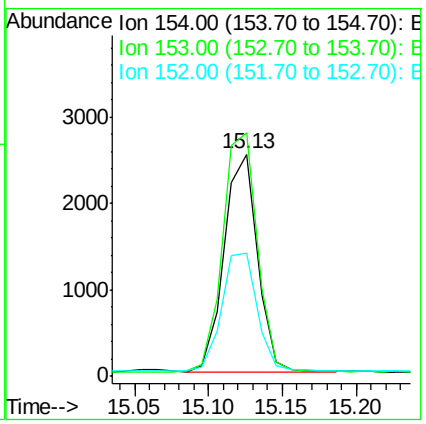


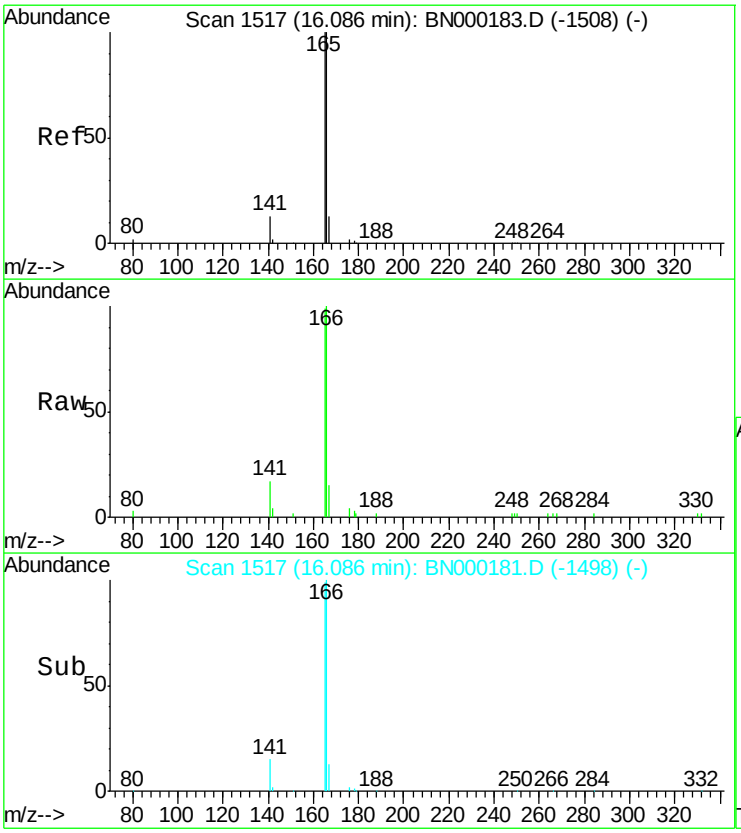
#17
Acenaphthene
Concen: 0.096 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3932

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.2	133.8
152	58.3	42.0	63.0

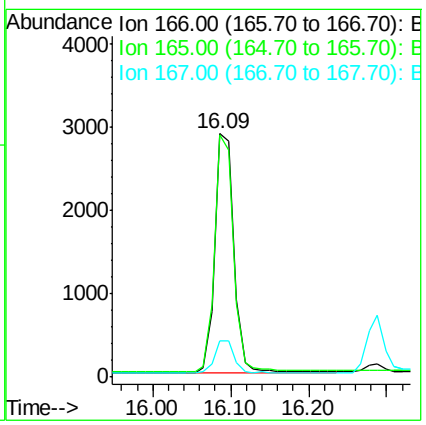


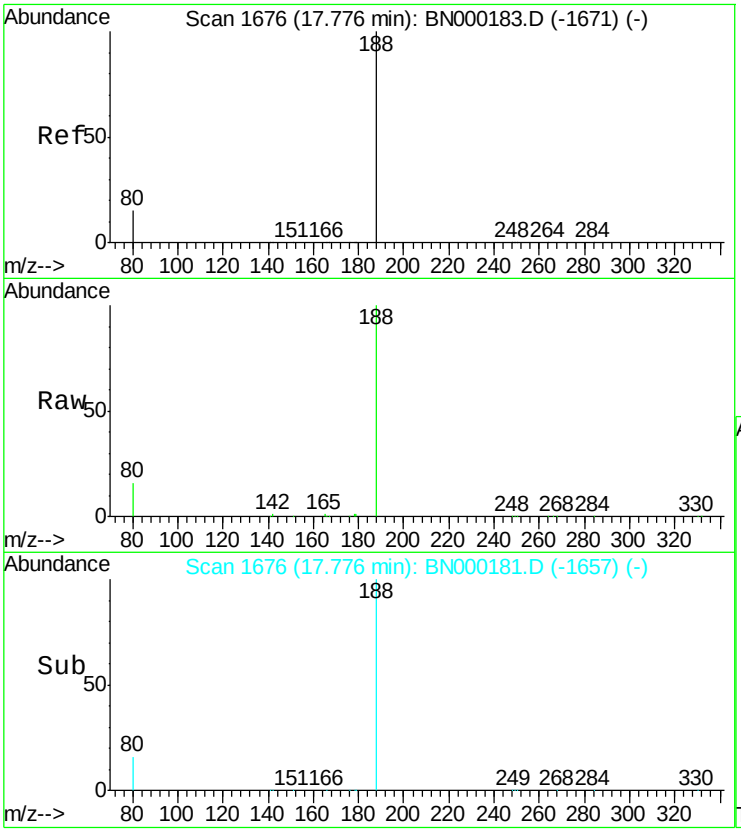


#18
Fluorene
Concen: 0.096 ng
RT: 16.09 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:166 Resp: 4902

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.8	42.4	63.6#



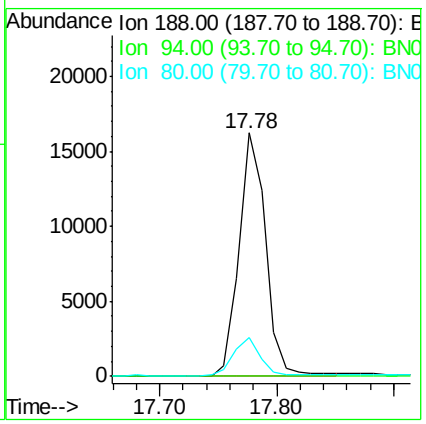


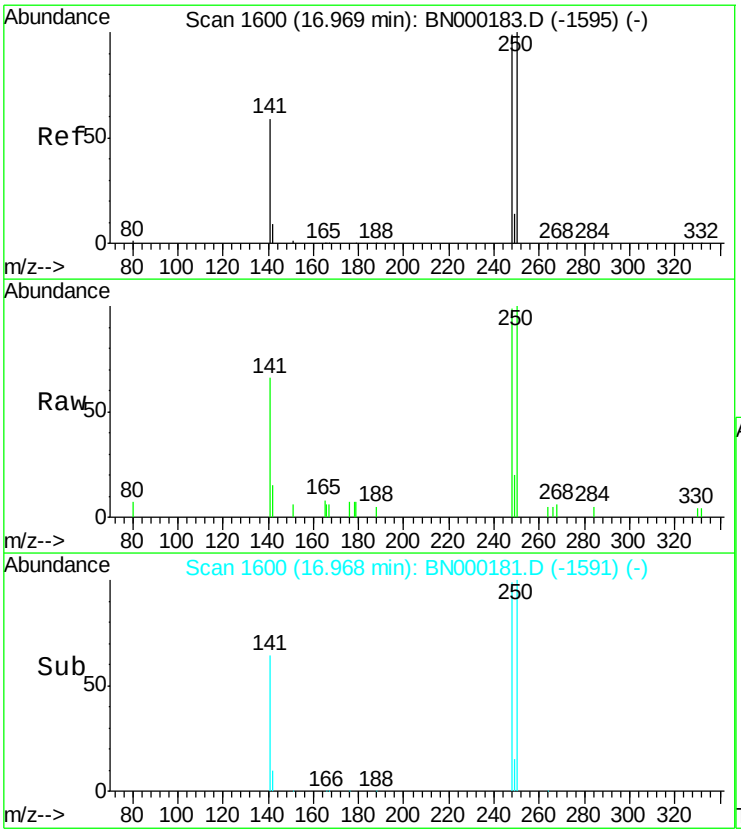
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 25445

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.9	3.6	5.4#

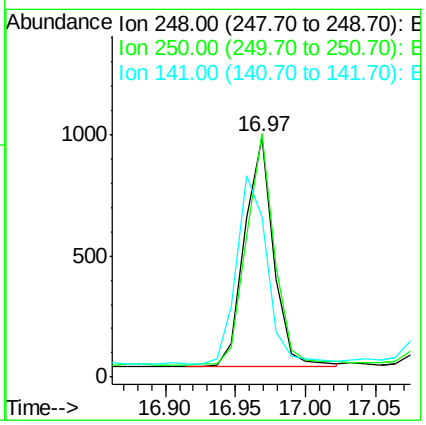


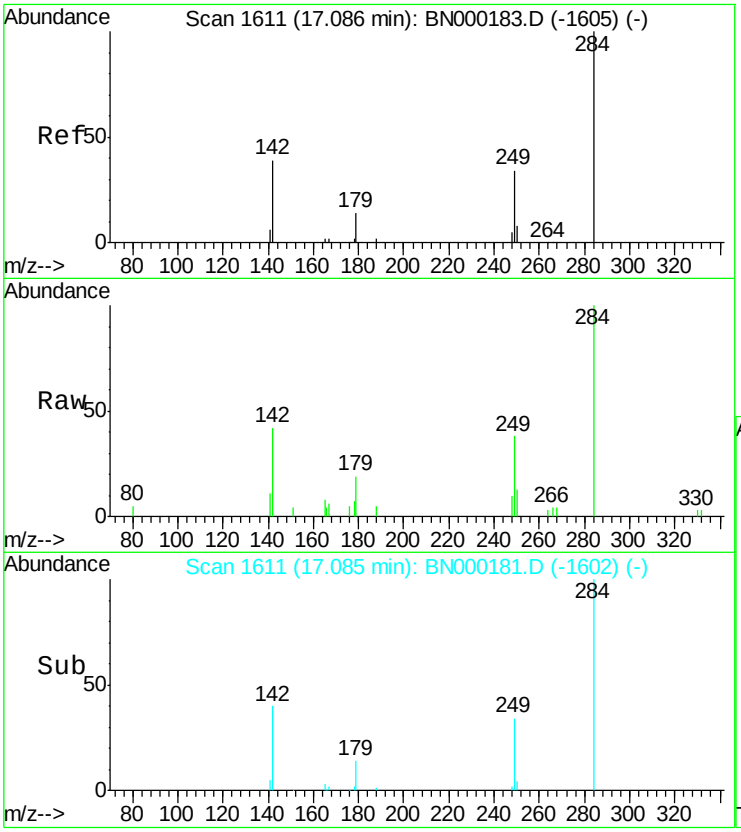


#20
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.97 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:248 Resp: 1351

Ion	Ratio	Lower	Upper
248	100		
250	101.3	62.7	94.1#
141	66.6	48.2	72.2



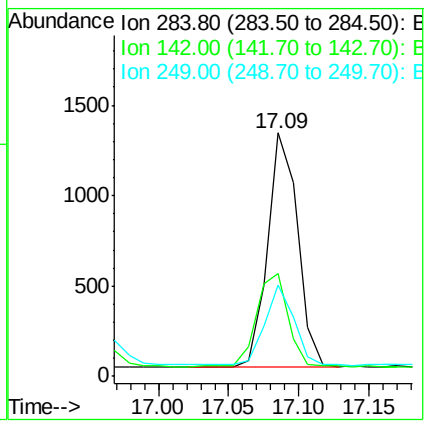


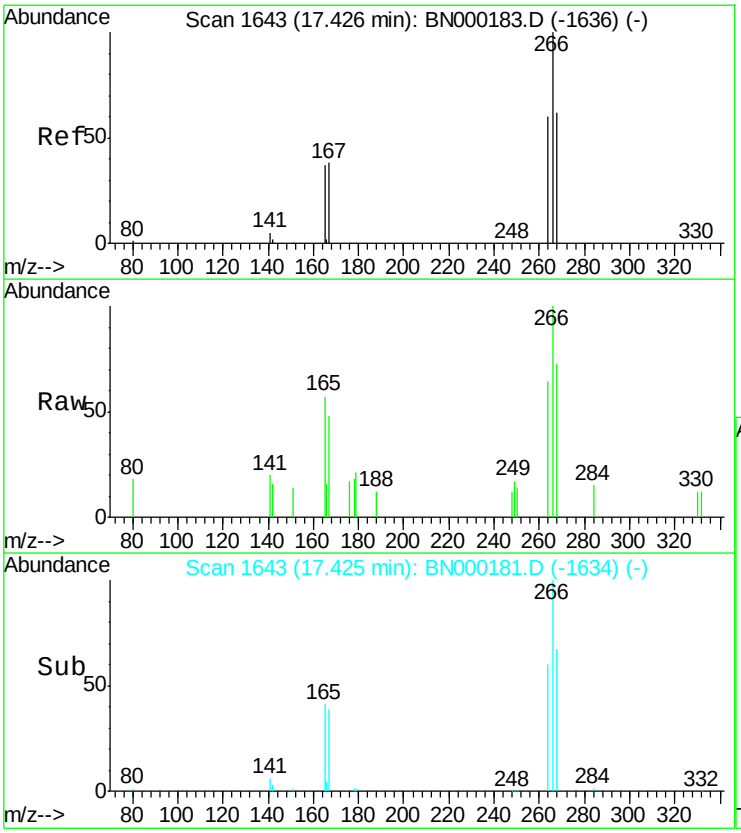
#21
Hexachlorobenzene
Concen: 0.099 ng
RT: 17.09 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1946

Ion	Ratio	Lower	Upper
284	100		
142	42.2	32.0	48.0
249	33.4	24.0	36.0

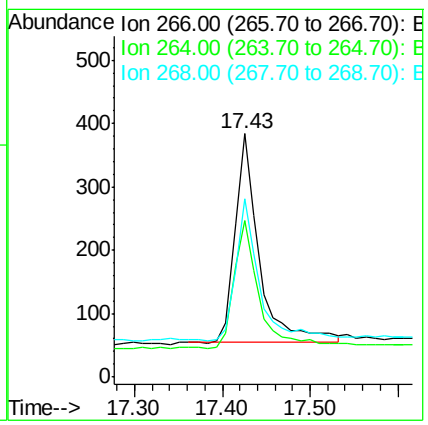


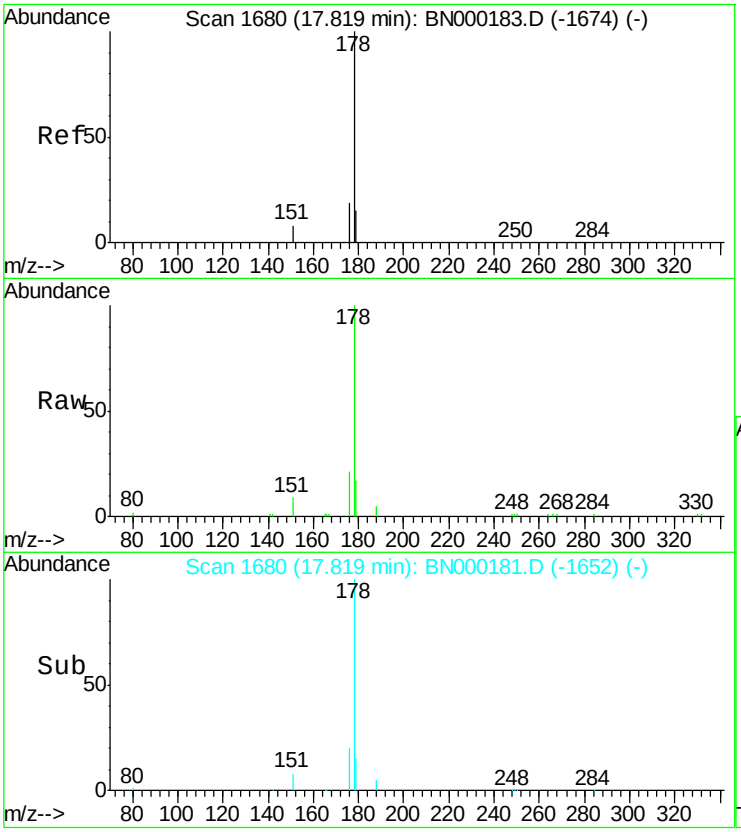


#22
Pentachlorophenol
Concen: 0.121 ng
RT: 17.43 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:266 Resp: 633

Ion	Ratio	Lower	Upper
266	100		
264	64.3	48.0	72.0
268	73.2	52.0	78.0



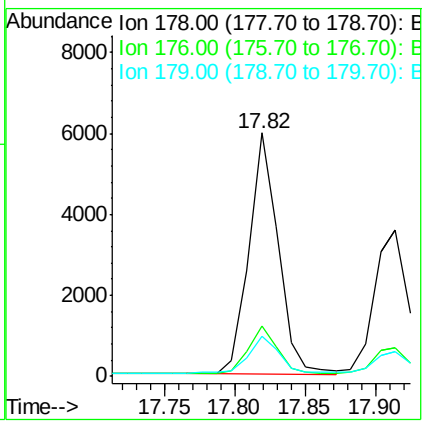


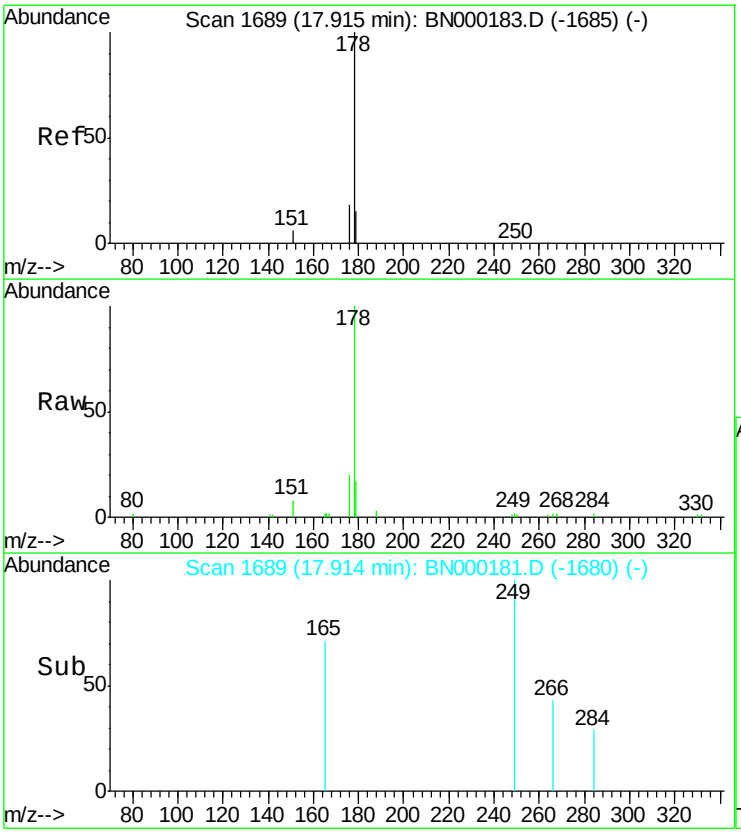
#23
Phenanthrene
Concen: 0.097 ng
RT: 17.82 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 8712

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.1	22.7
179	16.8	11.8	17.6

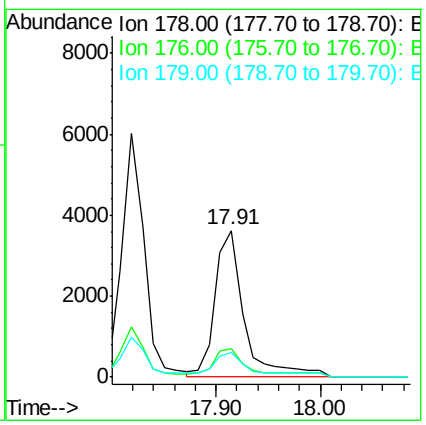


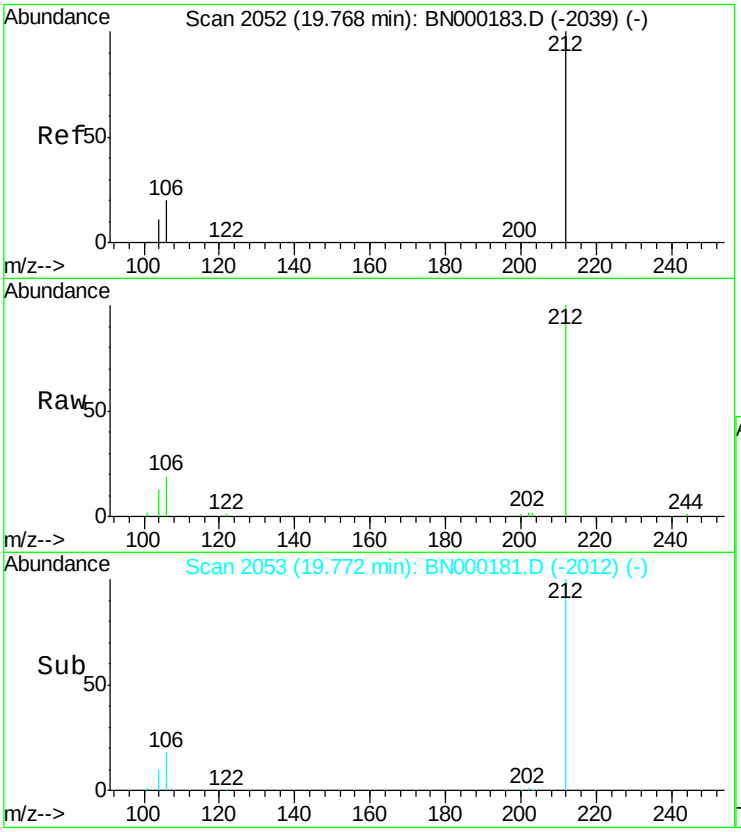


#24
Anthracene
Concen: 0.097 ng
RT: 17.91 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:178 Resp: 6791

Ion	Ratio	Lower	Upper
178	100		
176	24.9	12.8	19.2#
179	23.0	13.0	19.6#



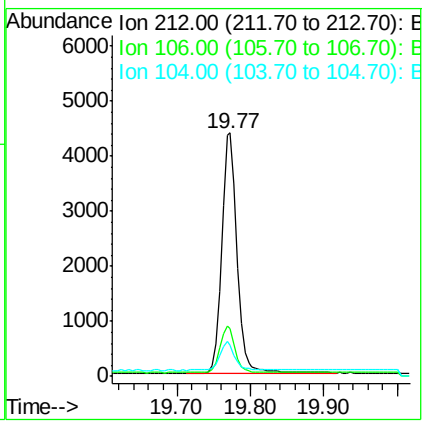


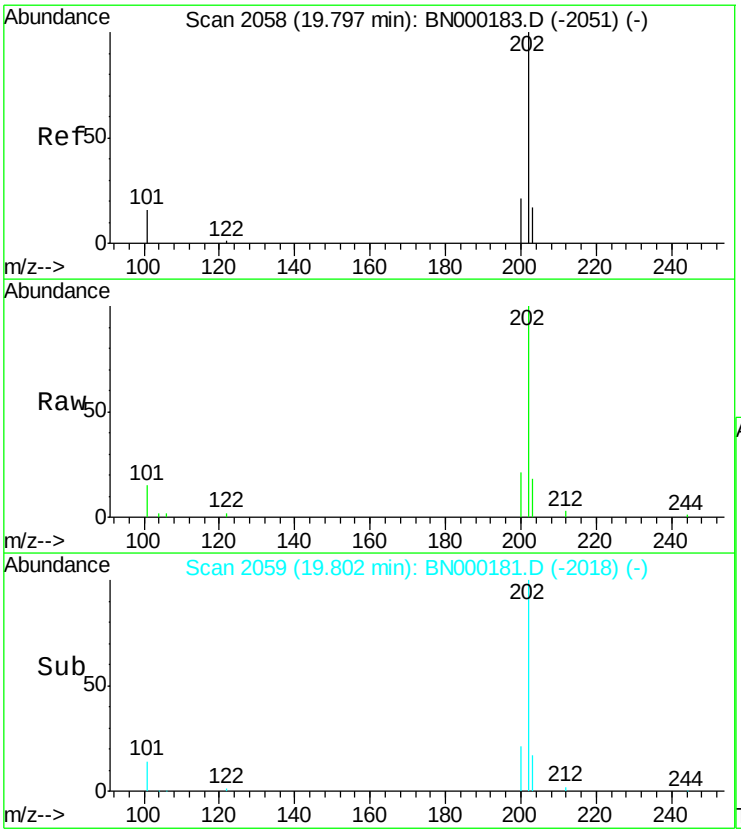
#25
Fluoranthene-d10
Concen: 0.095 ng
RT: 19.77 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 6489

Ion	Ratio	Lower	Upper
212	100		
106	19.0	2.8	4.2#
104	11.1	1.6	2.4#

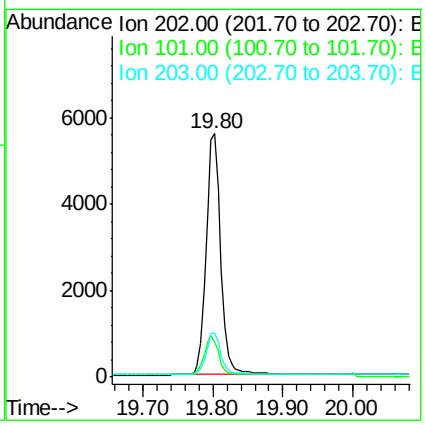


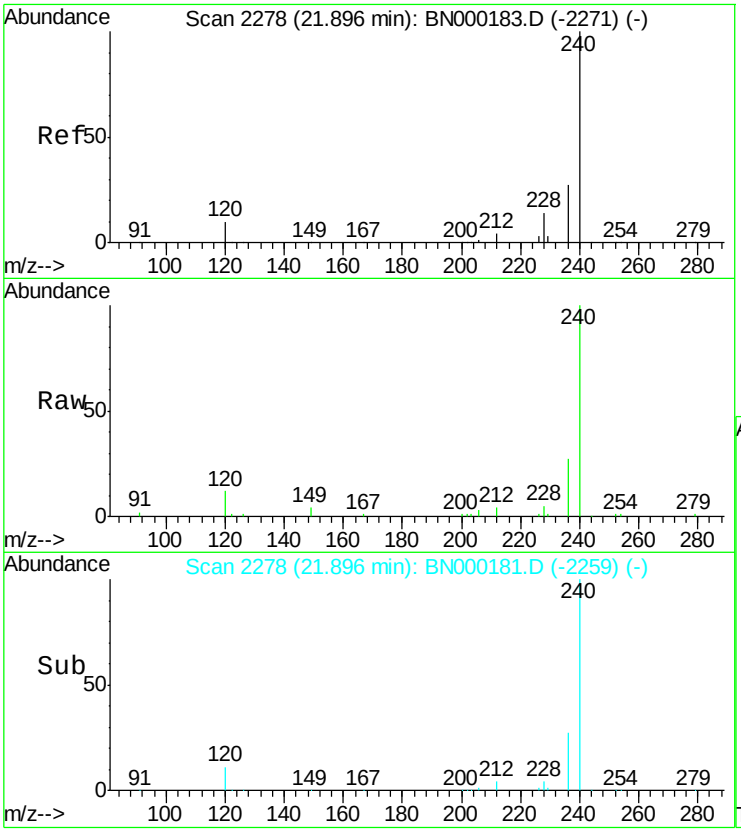


#26
Fluoranthene
Concen: 0.088 ng
RT: 19.80 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:202 Resp: 8145

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.8	14.8#
203	16.7	13.7	20.5



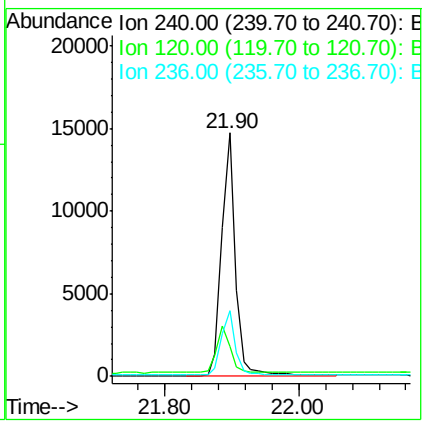


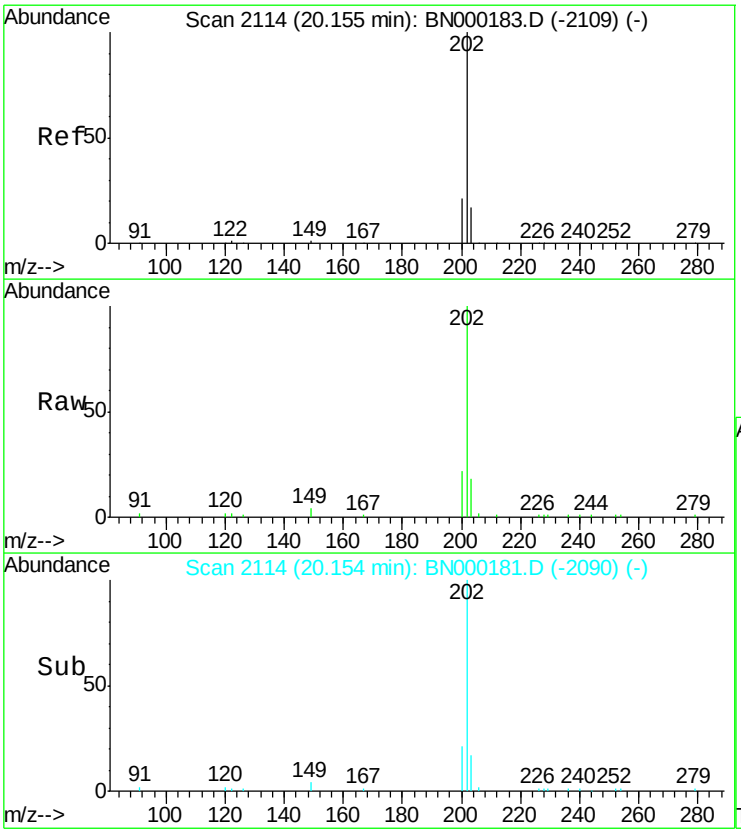
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.90 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 20732

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.5	8.3#
236	27.0	20.7	31.1

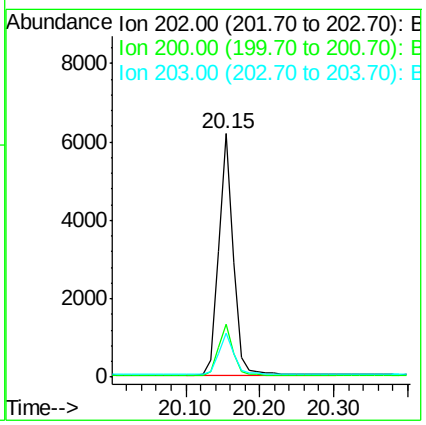


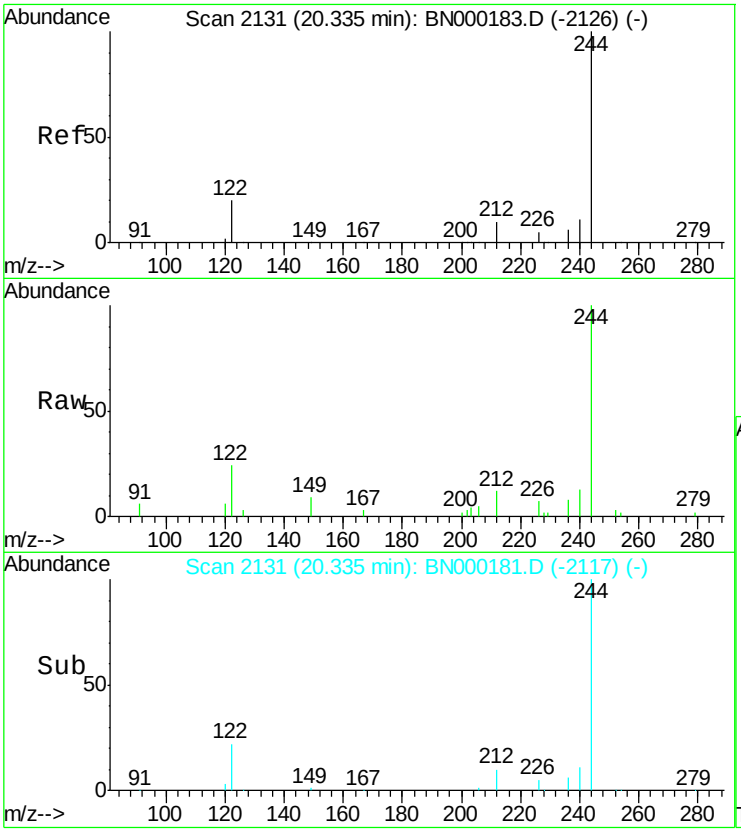


#28
Pyrene
Concen: 0.106 ng
RT: 20.15 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:202 Resp: 8595

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	18.3	13.8	20.8



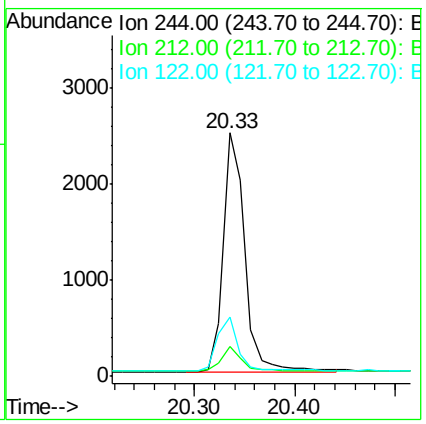


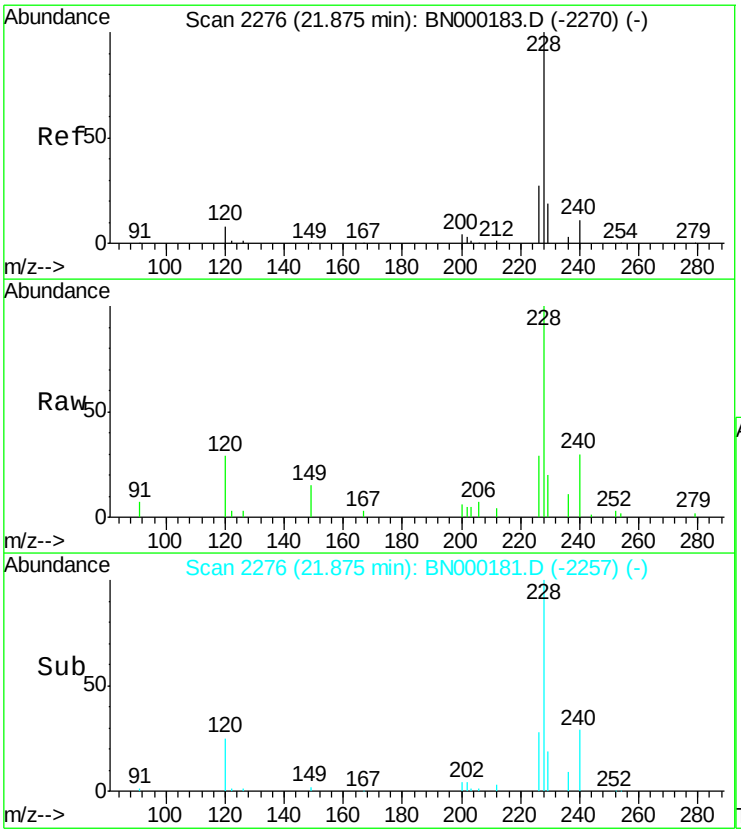
#29
Terphenyl-d14
Concen: 0.102 ng
RT: 20.33 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3732

Ion	Ratio	Lower	Upper
244	100		
212	12.2	25.4	38.0#
122	24.2	8.1	12.1#

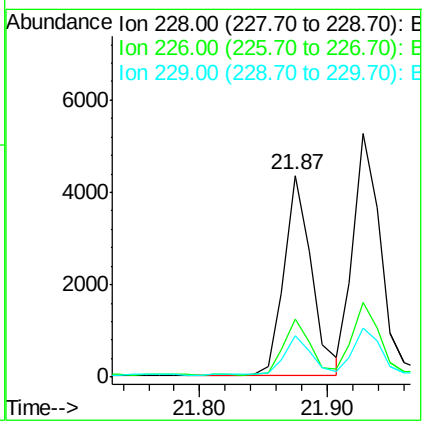


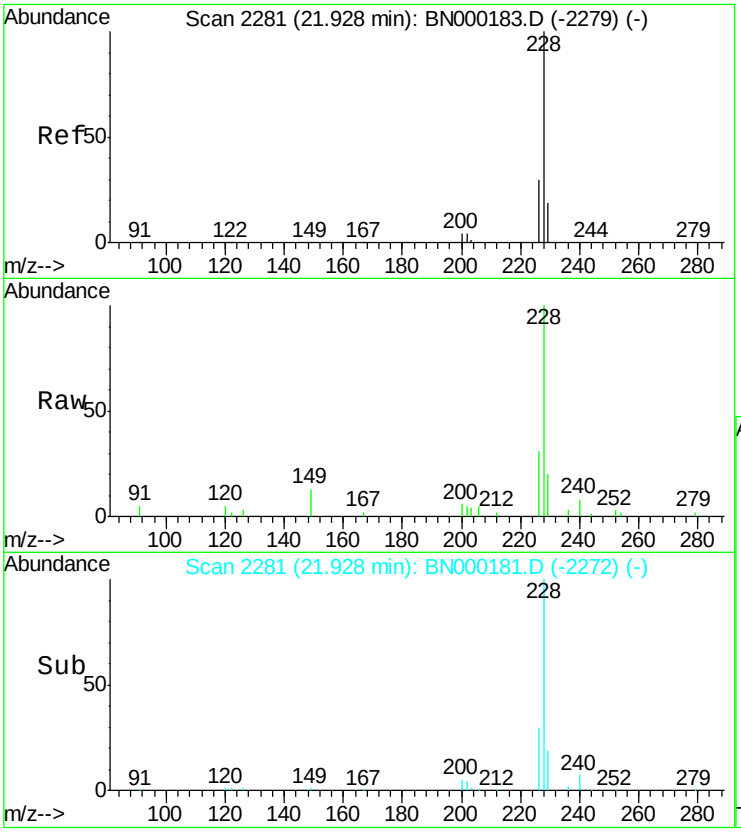


#30
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.87 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:228 Resp: 6347

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	20.3	16.0	24.0



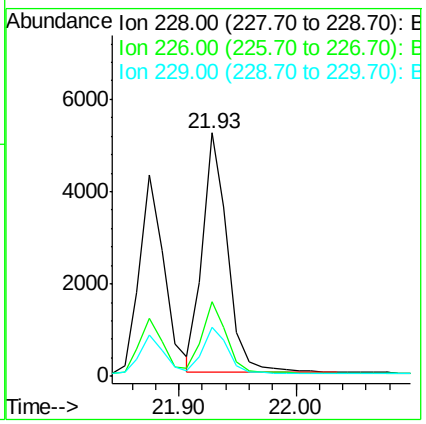


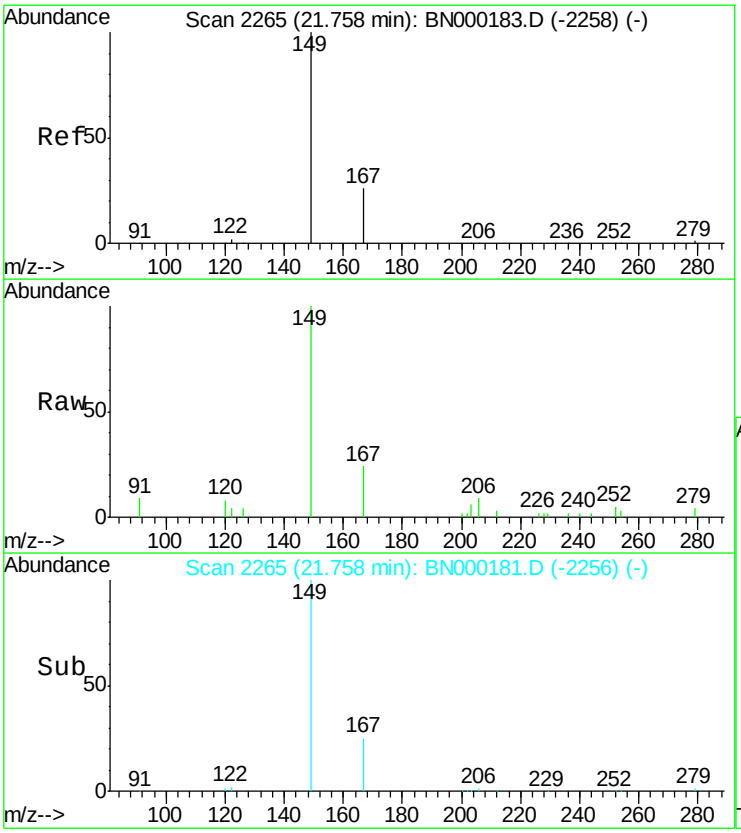
#31
Chrysene
Concen: 0.100 ng
RT: 21.93 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 7653

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	20.0	16.0	24.0

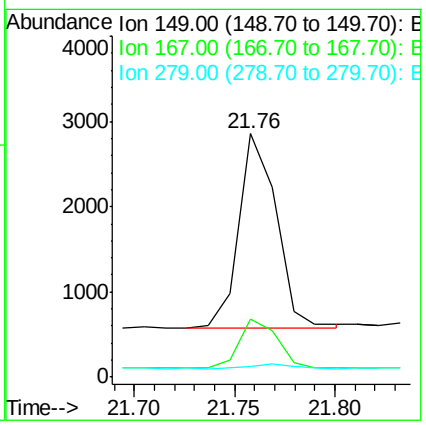


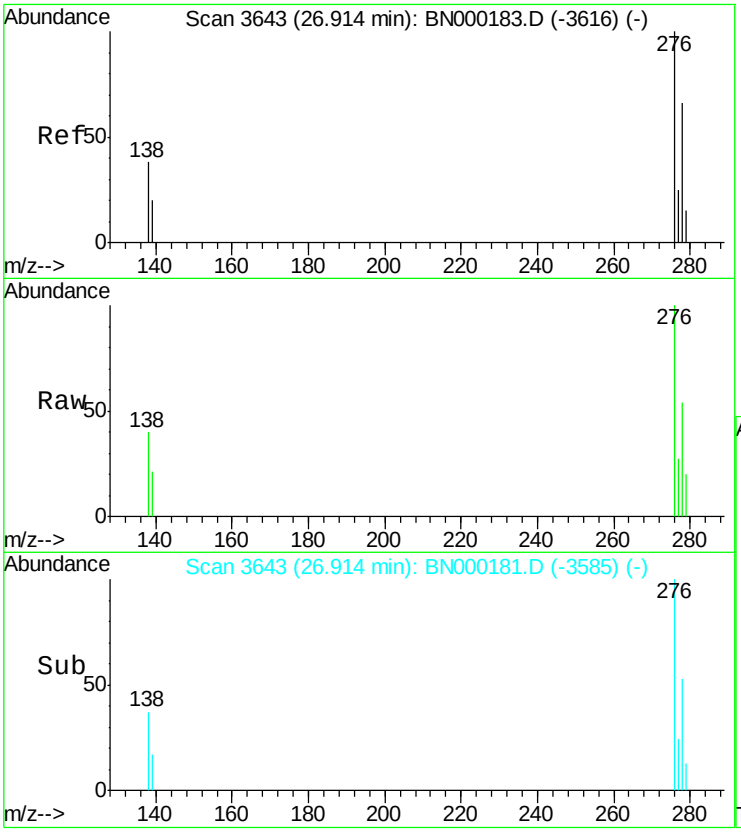


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 21.76 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:149 Resp: 2967

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.0	30.0
279	3.0	1.6	2.4#



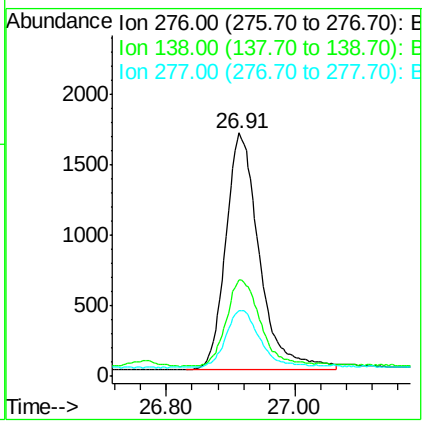


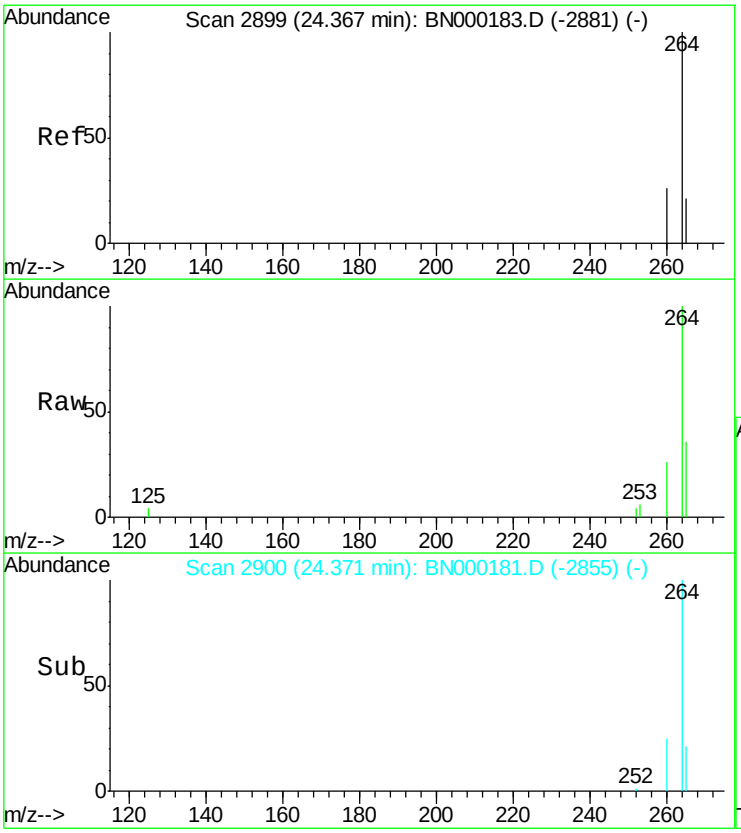
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng
RT: 26.91 min Scan# 3643
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6104

Ion	Ratio	Lower	Upper
276	100		
138	37.0	22.5	33.7#
277	24.3	19.9	29.9

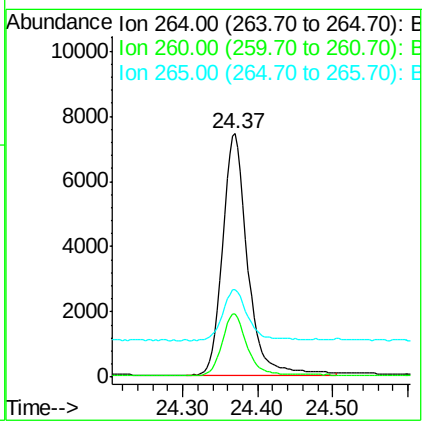


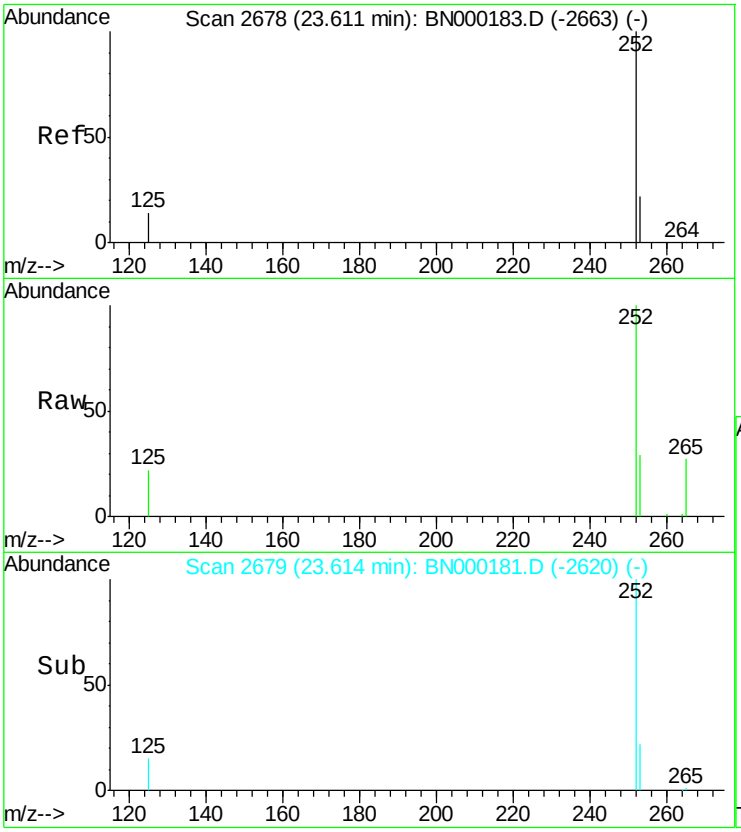


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:264 Resp: 16932

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	36.0	22.8	34.2#



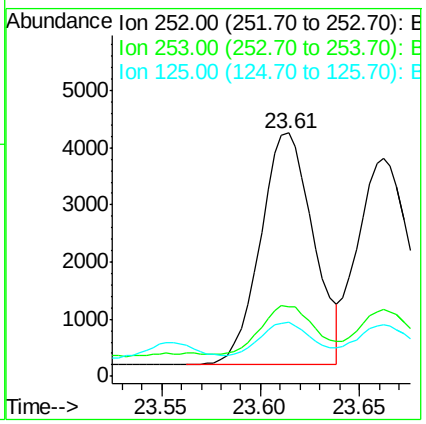


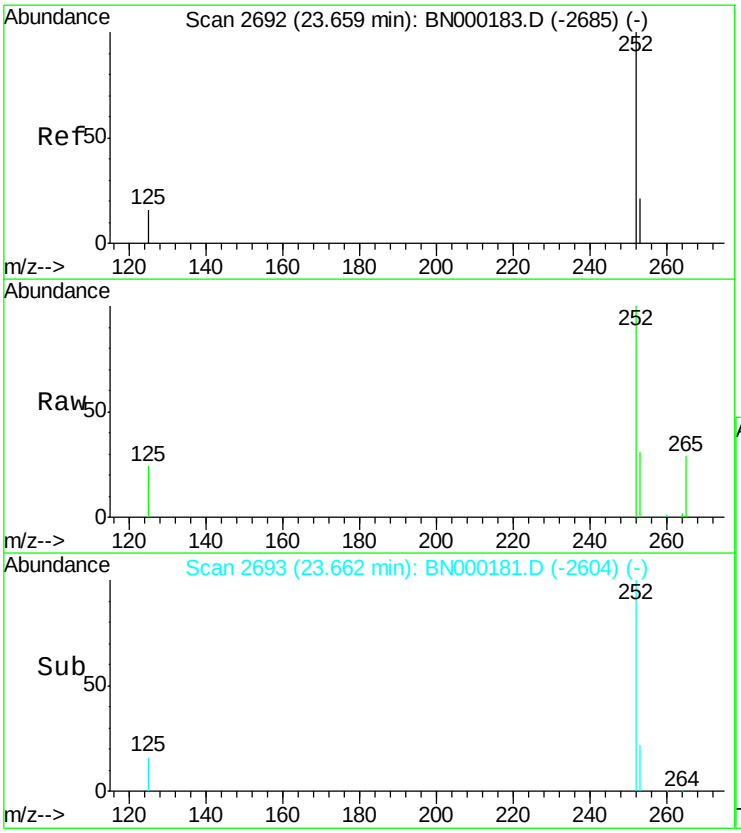
#35
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.61 min Scan# 2679
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7538

Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.0	30.0
125	22.1	16.0	24.0

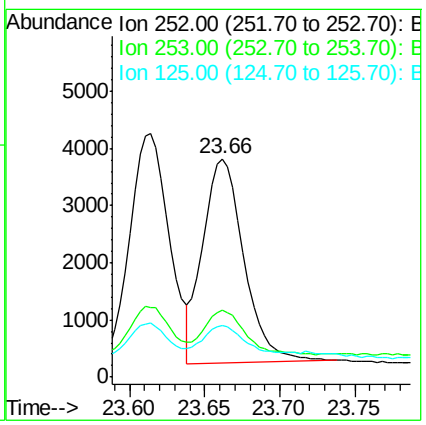


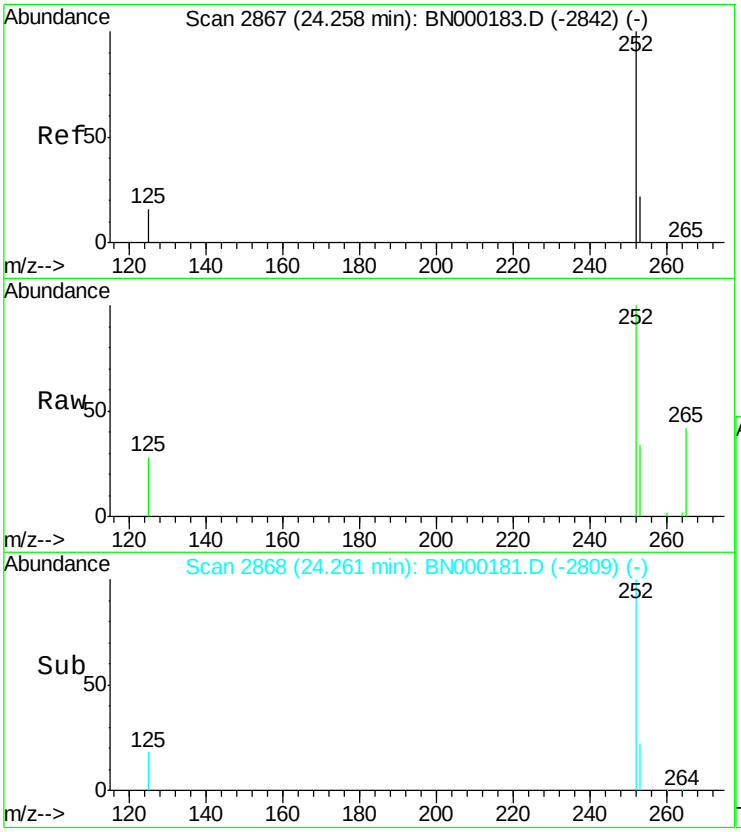


#36
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 23.66 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:252 Resp: 6783

Ion	Ratio	Lower	Upper
252	100		
253	30.5	16.0	24.0#
125	23.6	8.0	12.0#



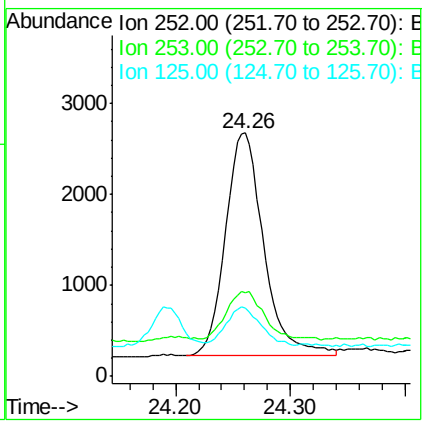


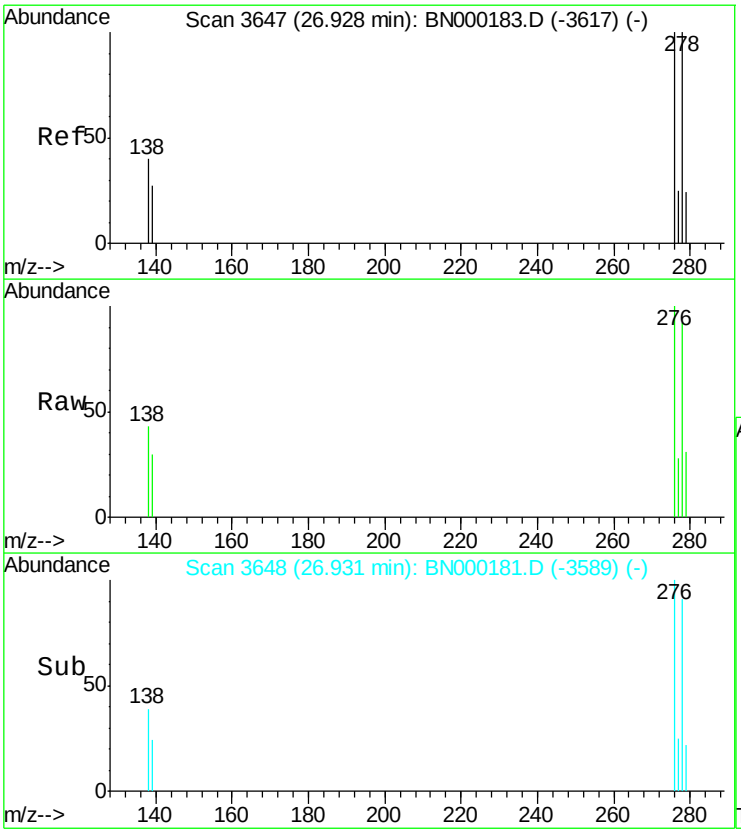
#37
Benzo(a)pyrene
Concen: 0.091 ng
RT: 24.26 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5709

Ion	Ratio	Lower	Upper
252	100		
253	34.4	16.0	24.0#
125	28.2	12.0	18.0#

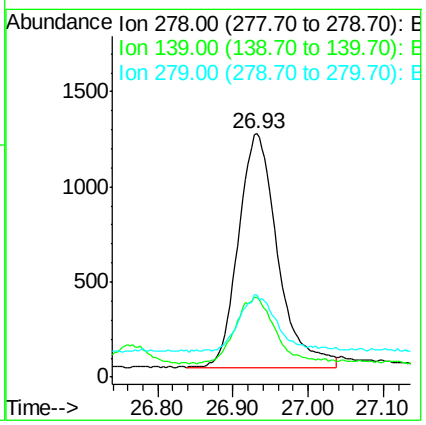


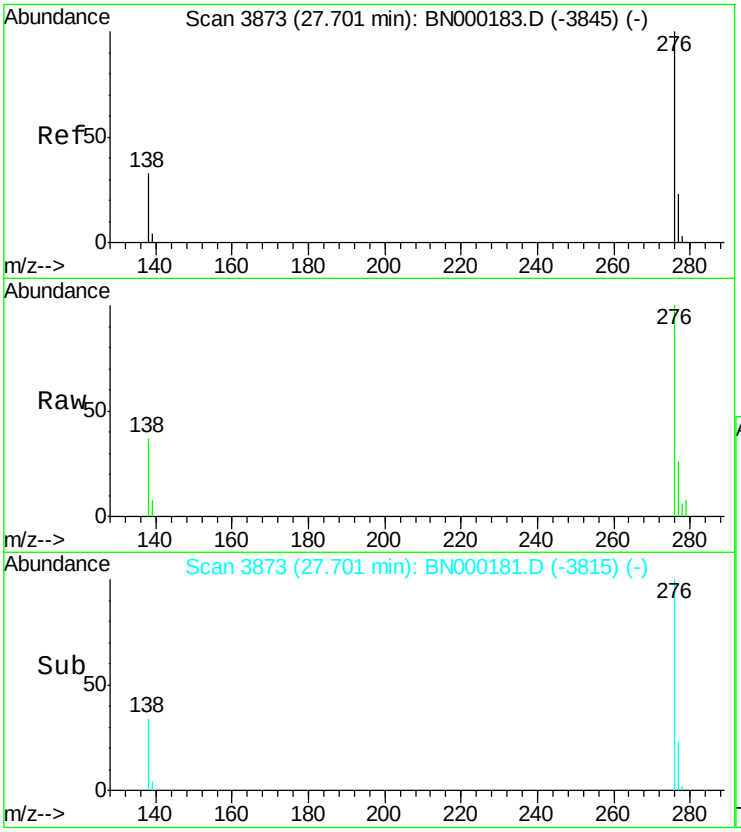


#38
Dibenzo(a,h)anthracene
Concen: 0.078 ng
RT: 26.93 min Scan# 3648
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:278 Resp: 4354

Ion	Ratio	Lower	Upper
278	100		
139	32.7	16.0	24.0#
279	33.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.092 ng
RT: 27.70 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6108

Ion	Ratio	Lower	Upper
276	100		
277	26.4	16.0	24.0#
138	37.0	20.0	30.0#