Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
Data File : BN002187.D
Acq On : 30 Jul 2018 15:43
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jul 30 16:12:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 15:13:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3045	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	12093	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	6265	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	12790	0.40	ng		0.00
27) Chrysene-d12	21.27	240	10636	0.40	ng		0.00
34) Perylene-d12	23.50	264	10217	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	1269	0.17	ng		0.00
5) Phenol-d6	6.89	99	1407	0.16	ng		0.00
8) Nitrobenzene-d5	8.86	82	1602	0.17	ng		0.01
11) 2-Methylnaphthalene-d10	12.07	152	3481	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	398	0.14	ng		0.01
15) 2-Fluorobiphenyl	12.95	172	4703	0.19	ng		0.01
25) Fluoranthene-d10	19.11	212	5824	0.18	ng		0.00
29) Terphenyl-d14	19.71	244	4240	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	678	0.197	ng		95
3) n-Nitrosodimethylamine	3.63	42	352	0.146	ng		82
6) bis(2-Chloroethyl)ether	7.14	93	1367	0.159	ng		86
9) Naphthalene	10.52	128	5218	0.190	ng	#	93
10) Hexachlorobutadiene	10.80	225	1166	0.197	ng	#	56
12) 2-Methylnaphthalene	12.14	142	3354	0.179	ng		98
16) Acenaphthylene	14.04	152	4799	0.176	ng		99
17) Acenaphthene	14.39	154	3278	0.189	ng		97
18) Fluorene	15.38	166	3855	0.179	ng	#	80
20) 4-Bromophenyl-phenylether	16.27	248	1319	0.179	ng	#	89
21) Hexachlorobenzene	16.38	284	1570	0.195	ng		95
22) Pentachlorophenol	16.75	266	200	0.114	ng	#	78
23) Phenanthrene	17.11	178	5820	0.180	ng		99
24) Anthracene	17.21	178	4281	0.157	ng		96
26) Fluoranthene	19.14	202	5923	0.166	ng	#	97
28) Pyrene	19.50	202	6066	0.191	ng		100
30) Benzo(a)anthracene	21.26	228	4797	0.176	ng		96
31) Chrysene	21.31	228	5951	0.198	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2133	0.170	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.73	276	6121	0.221	ng		95
35) Benzo(b)fluoranthene	22.83	252	5463	0.179	ng	#	92
36) Benzo(k)fluoranthene	22.88	252	5650	0.178	ng	#	88
37) Benzo(a)pyrene	23.40	252	5041	0.182	ng	#	86
38) Dibenzo(a,h)anthracene	25.75	278	5168	0.194	ng		93
39) Benzo(g,h,i)perylene	26.41	276	5420	0.200	ng	#	91

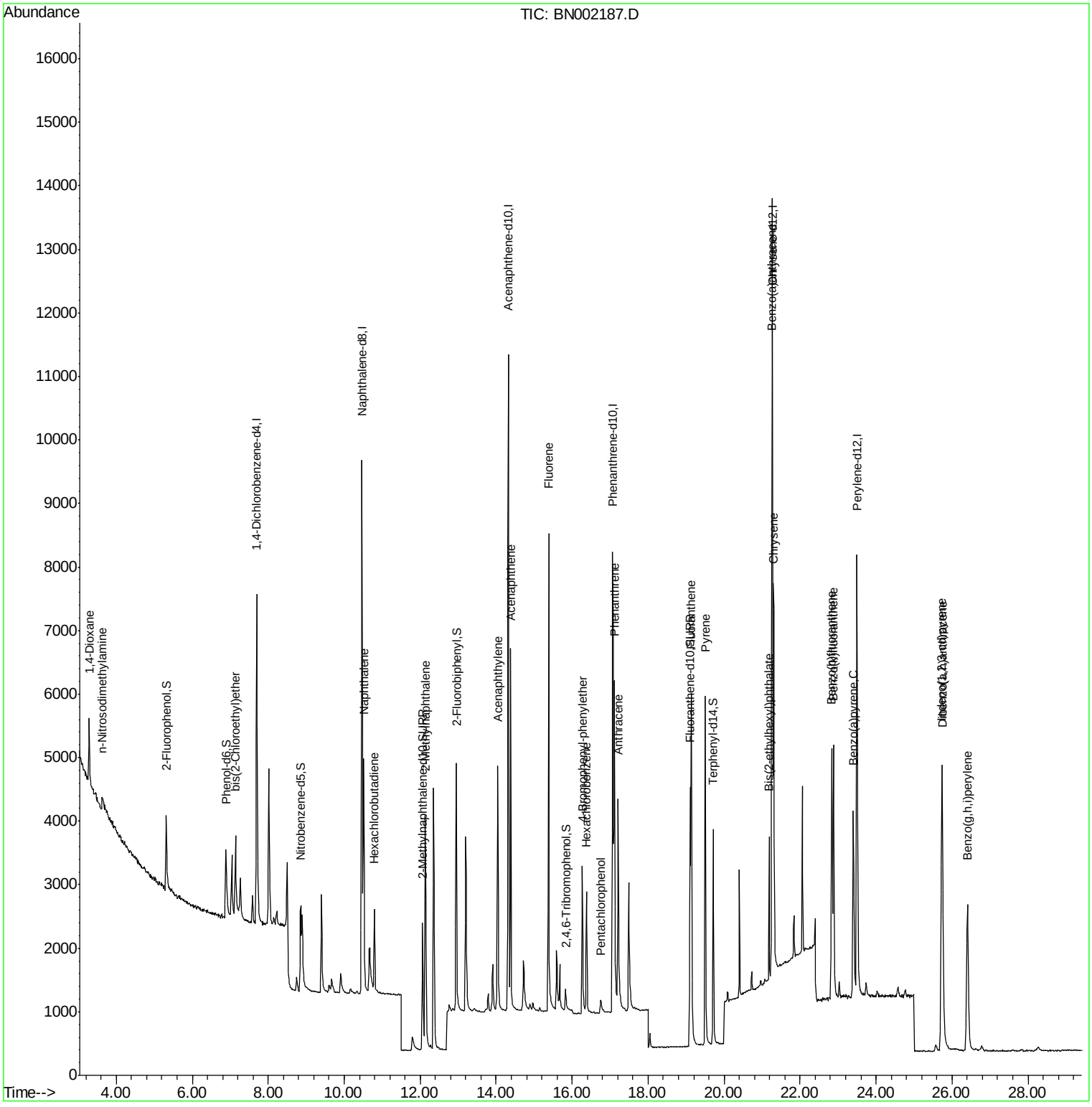
(#) = qualifier out of range (m) = manual integration (+) = signals summed

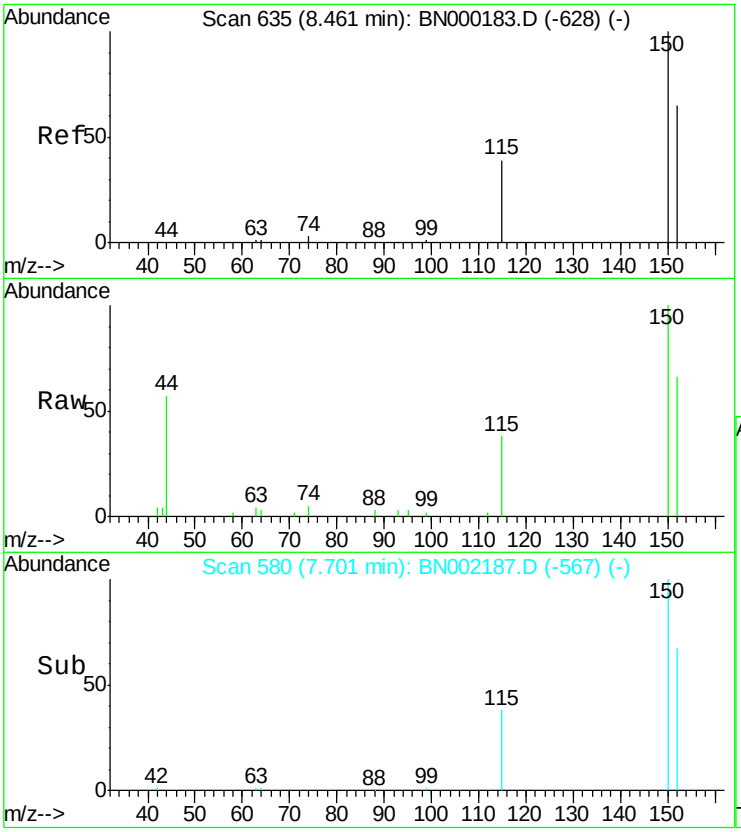
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
Data File : BN002187.D
Acq On : 30 Jul 2018 15:43
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 30 16:12:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 15:13:17 2018
Response via : Initial Calibration



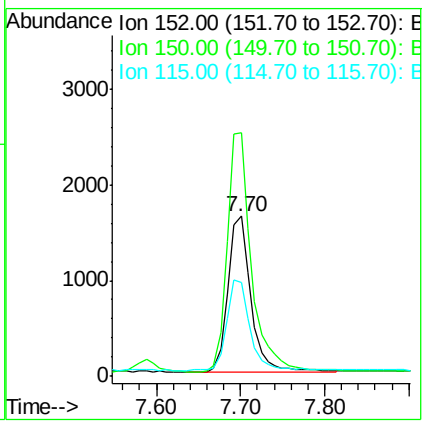


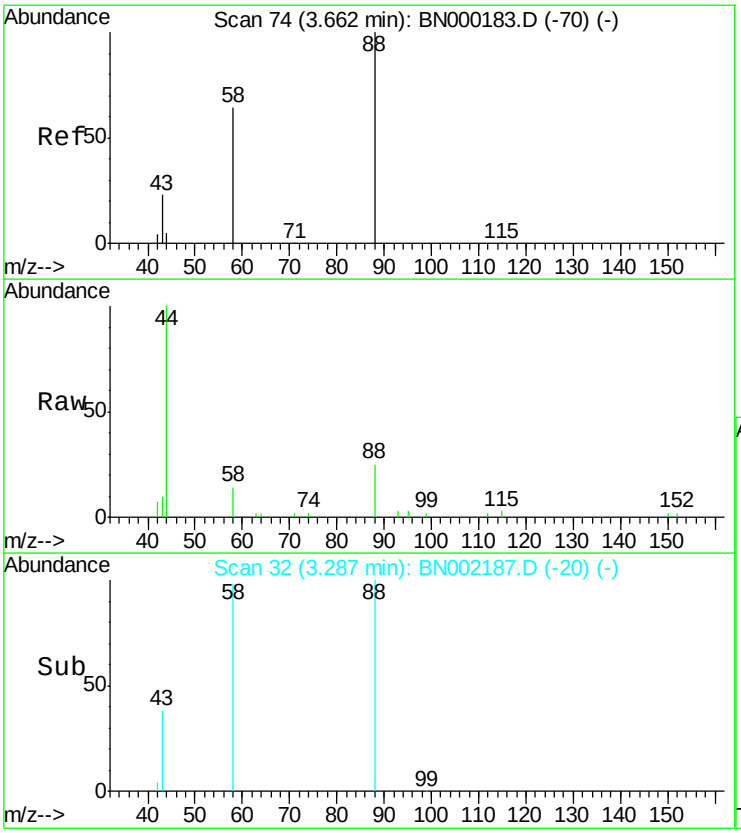
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3045

Ion	Ratio	Lower	Upper
152	100		
150	151.9	117.2	175.8
115	58.3	57.0	85.6

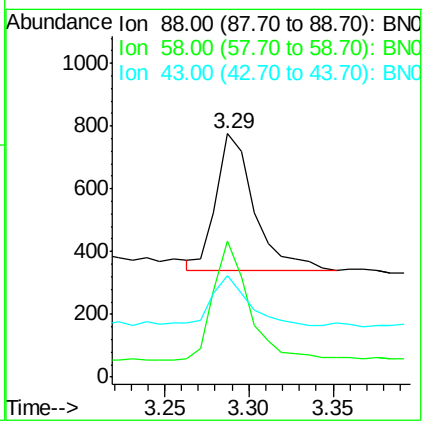


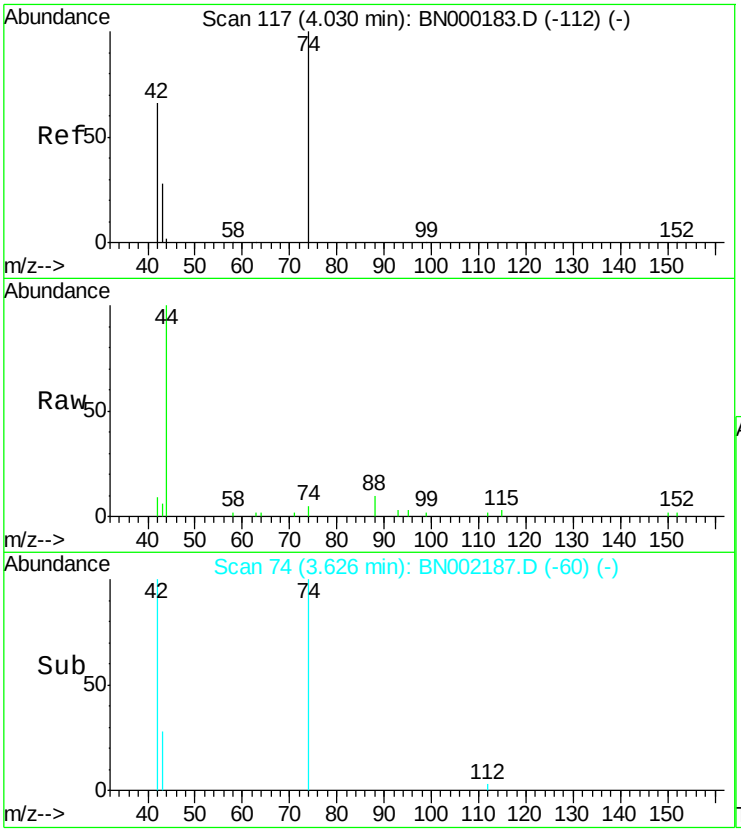


#2
1,4-Dioxane
Concen: 0.197 ng
RT: 3.29 min Scan# 32
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion: 88 Resp: 678

Ion	Ratio	Lower	Upper
88	100		
58	83.3	72.0	108.0
43	35.7	28.0	42.0



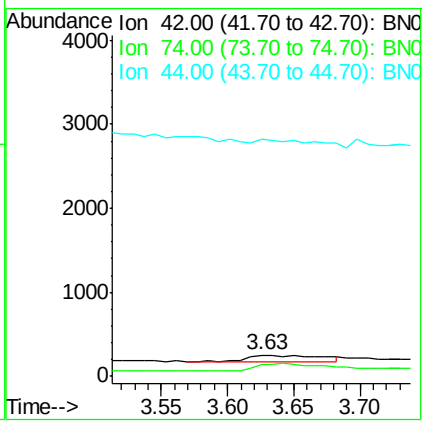


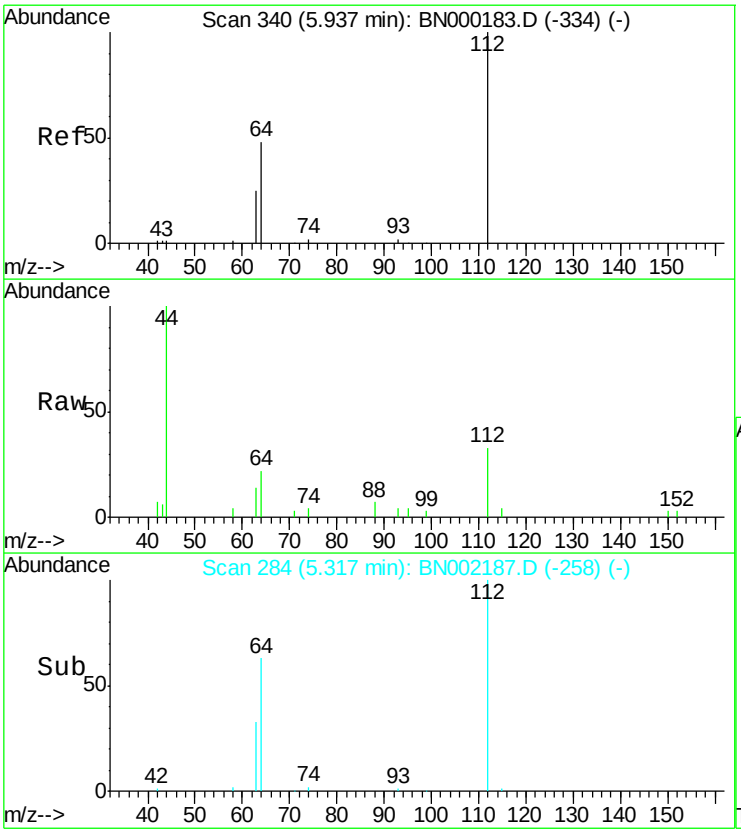
#3
n-Nitrosodimethylamine
Concen: 0.146 ng
RT: 3.63 min Scan# 74
Delta R.T. 0.02 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 352

Ion	Ratio	Lower	Upper
42	100		
74	88.6	88.0	132.0
44	21.3	16.0	24.0

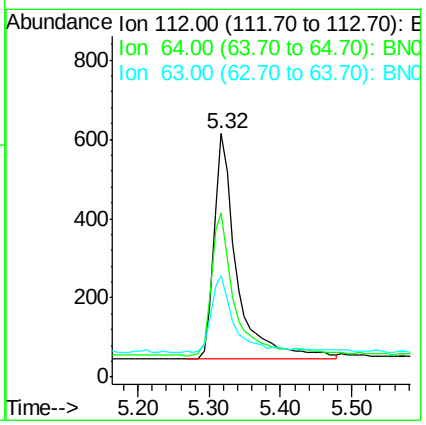


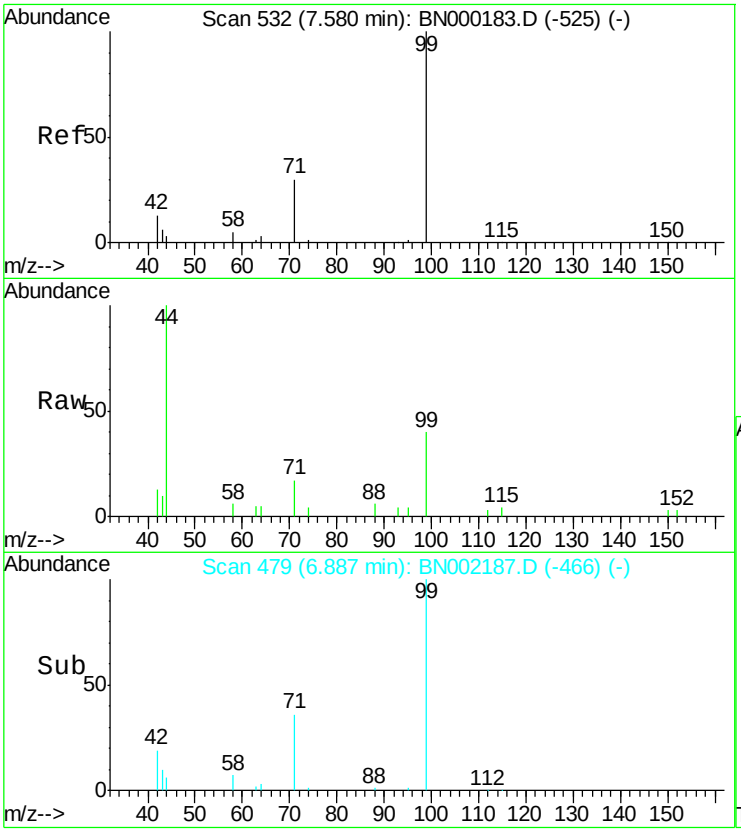


#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:112 Resp: 1269

Ion	Ratio	Lower	Upper
112	100		
64	62.0	60.1	90.1
63	33.6	116.8	175.2#



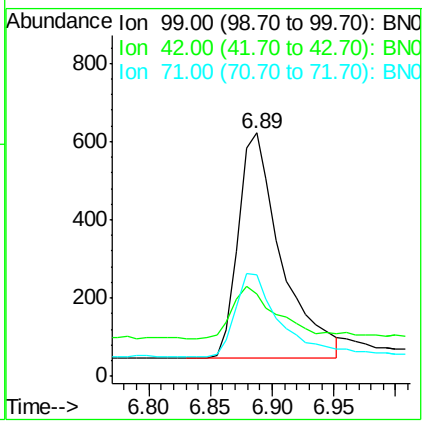


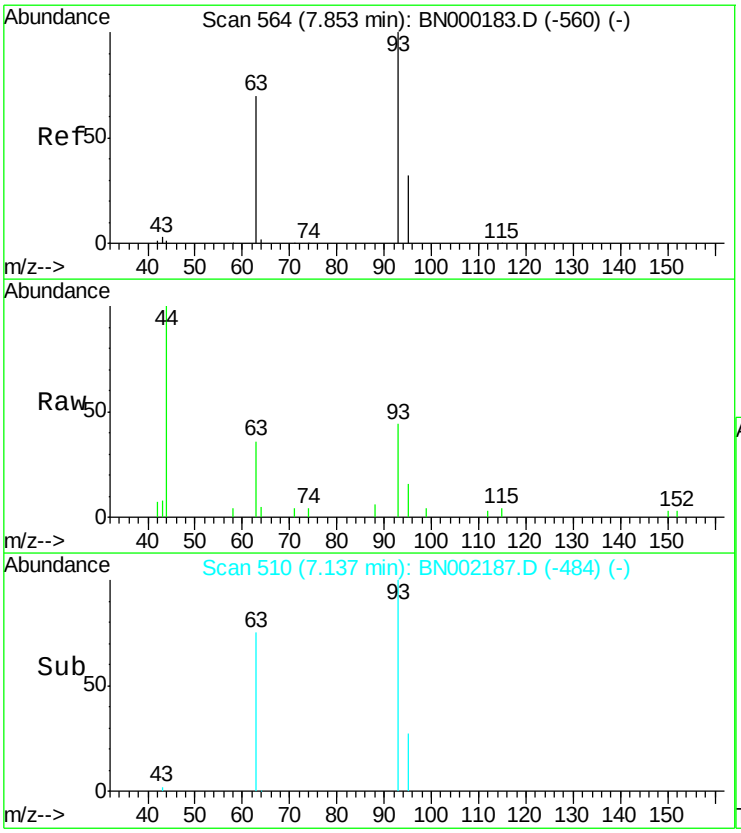
#5
Phenol-d6
Concen: 0.157 ng
RT: 6.89 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1407

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.2	30.2
71	37.2	28.4	42.6

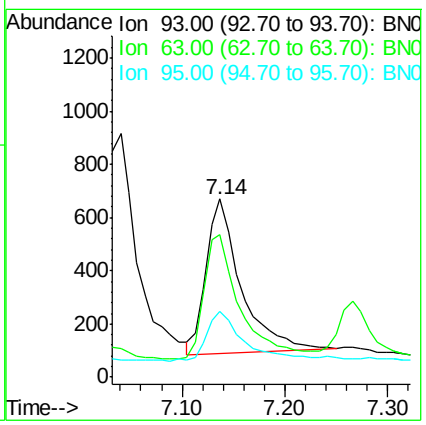


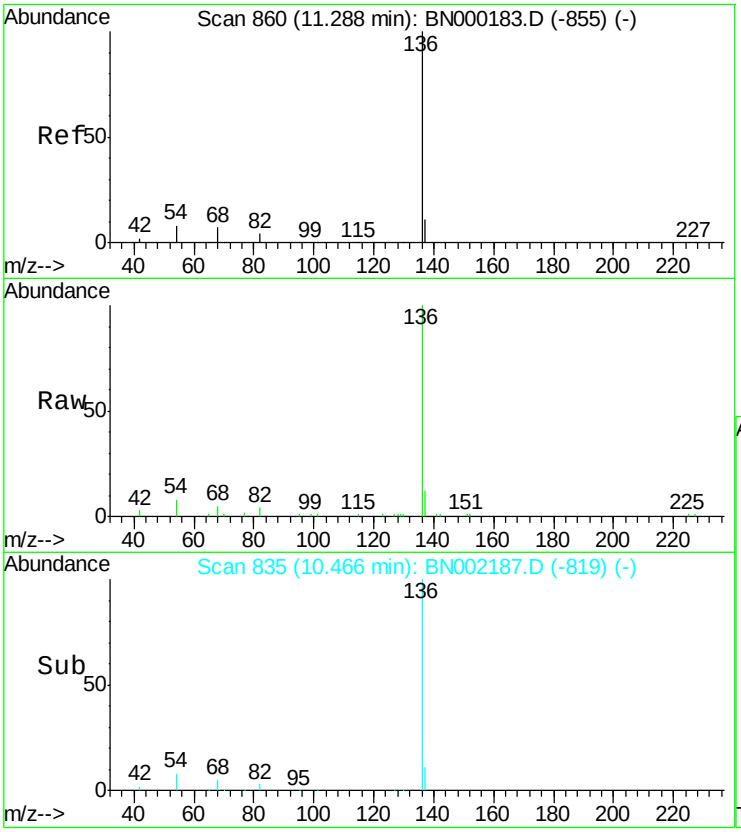


#6
bis(2-Chloroethyl)ether
Concen: 0.159 ng
RT: 7.14 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion: 93 Resp: 1367

Ion	Ratio	Lower	Upper
93	100		
63	83.0	56.0	84.0
95	37.2	25.2	37.8



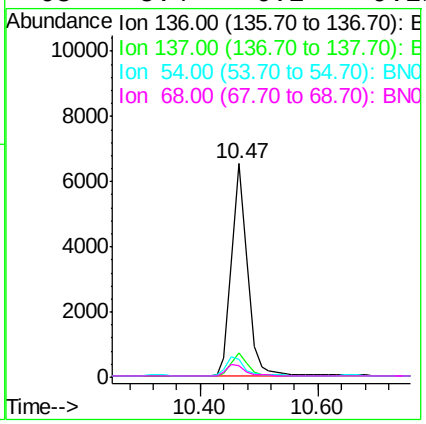


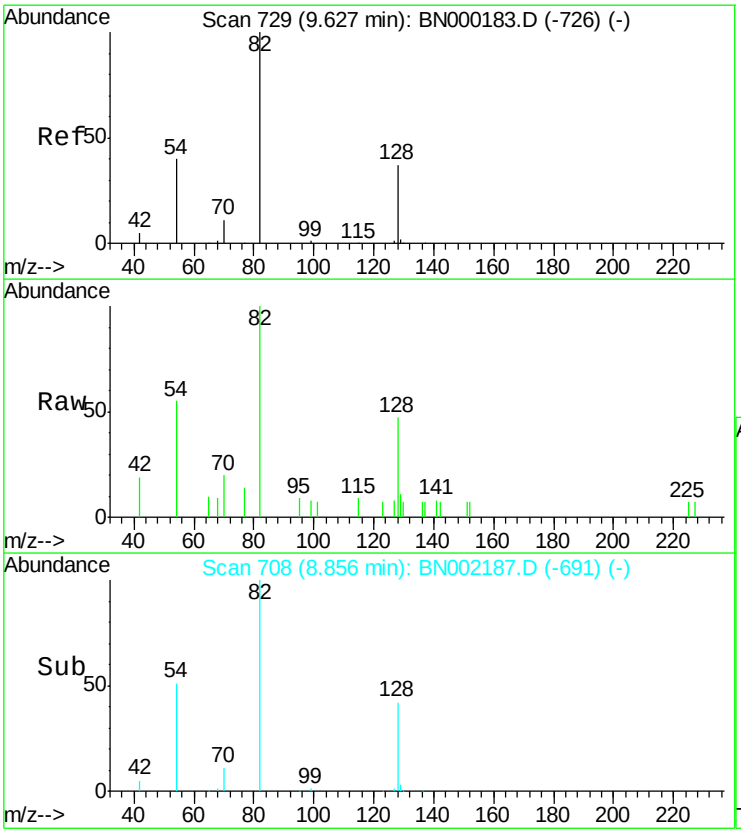
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 12093

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	8.4	29.1	43.7#
68	5.4	6.2	9.2#

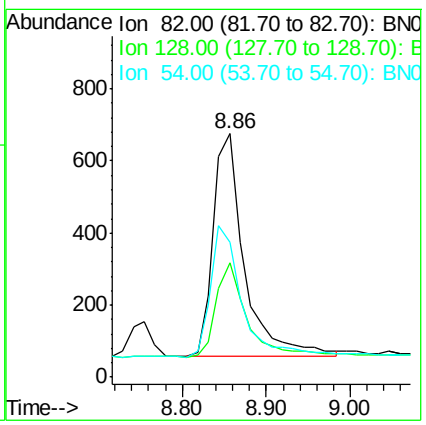


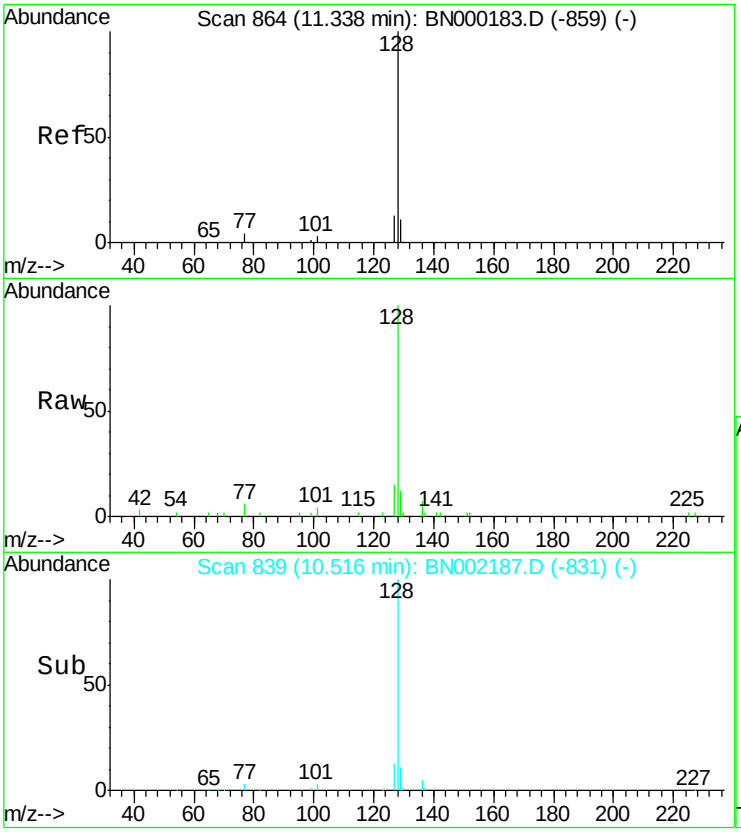


#8
Nitrobenzene-d5
Concen: 0.172 ng
RT: 8.86 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion: 82 Resp: 1602

Ion	Ratio	Lower	Upper
82	100		
128	47.0	150.0	225.0#
54	55.3	154.2	231.4#



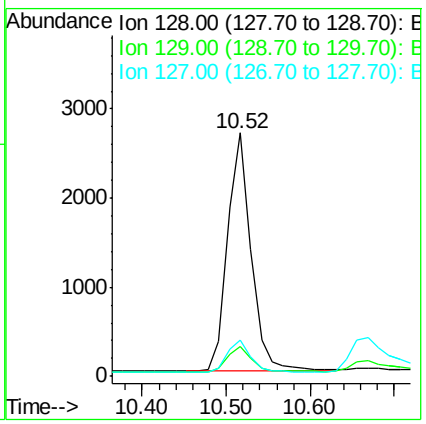


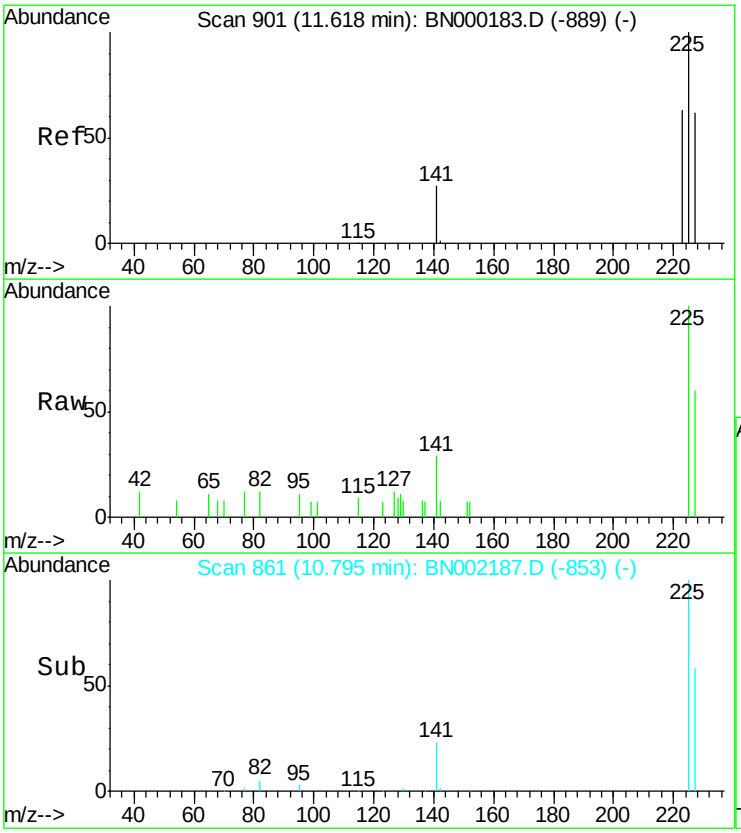
#9
Naphthalene
Concen: 0.190 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 5218

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.0	12.0#
127	14.8	9.6	14.4#

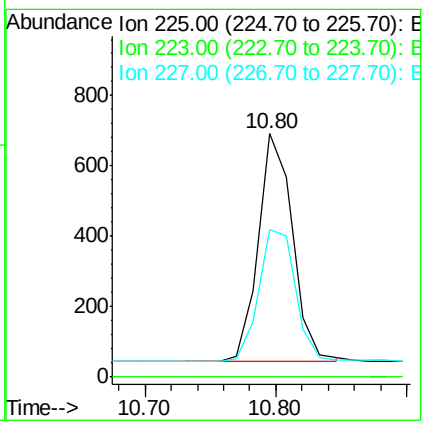


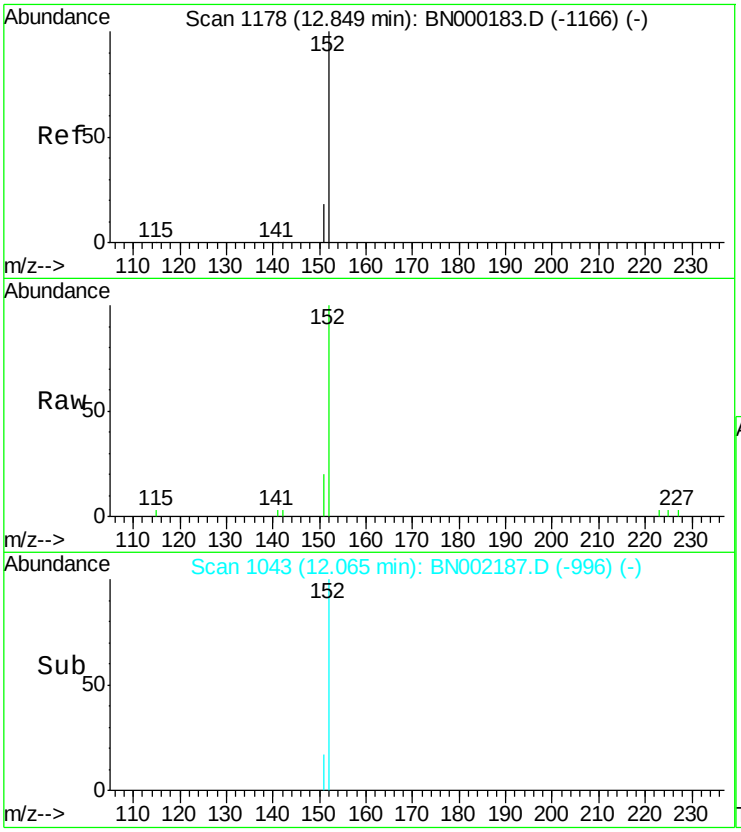


#10
Hexachlorobutadiene
Concen: 0.197 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:225 Resp: 1166

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	62.4	48.0	72.0



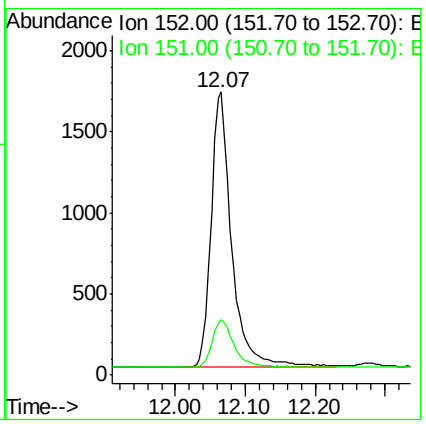


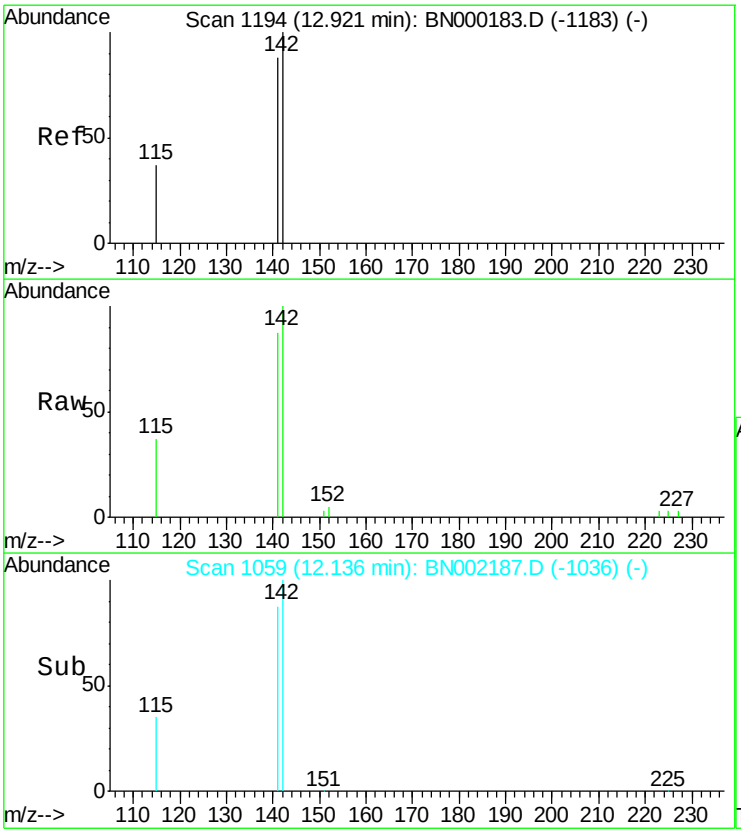
#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 12.07 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3481

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0

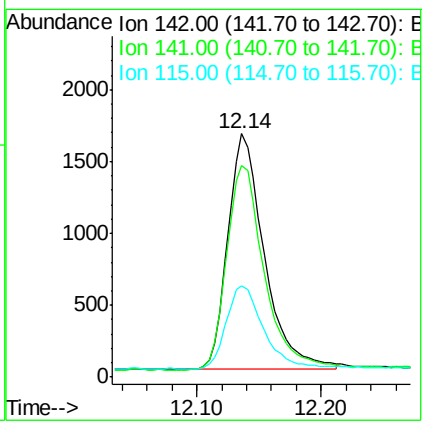


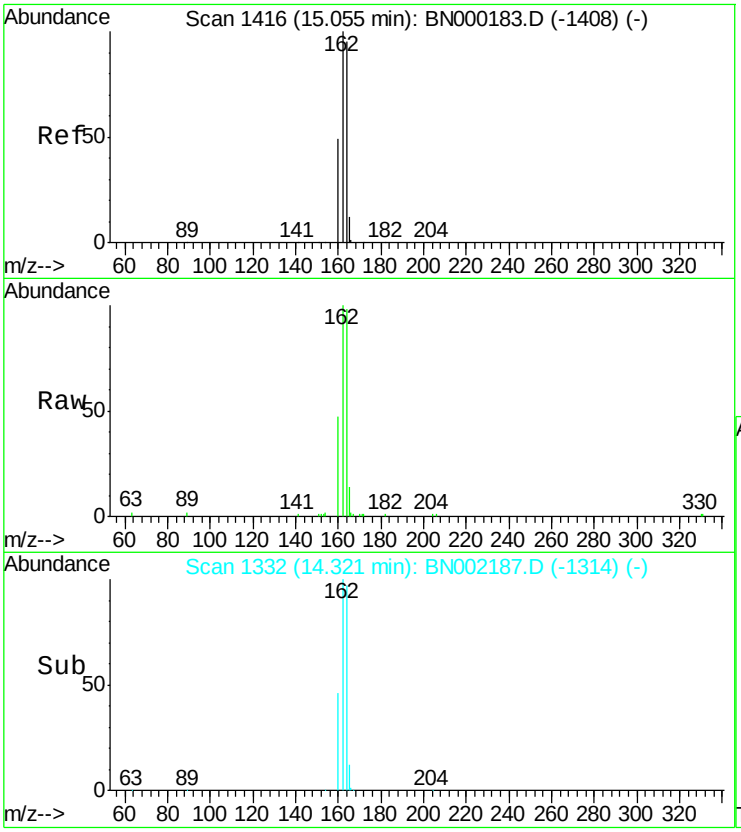


#12
2-Methylnaphthalene
Concen: 0.179 ng
RT: 12.14 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:142 Resp: 3354

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6
115	37.4	31.7	47.5



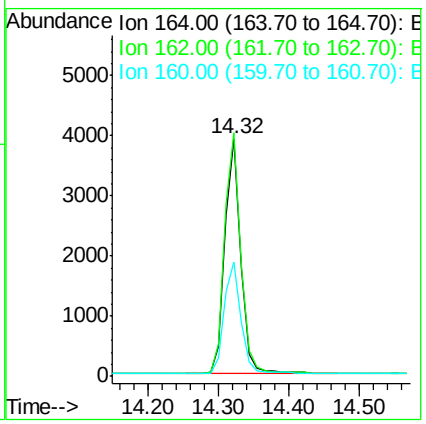


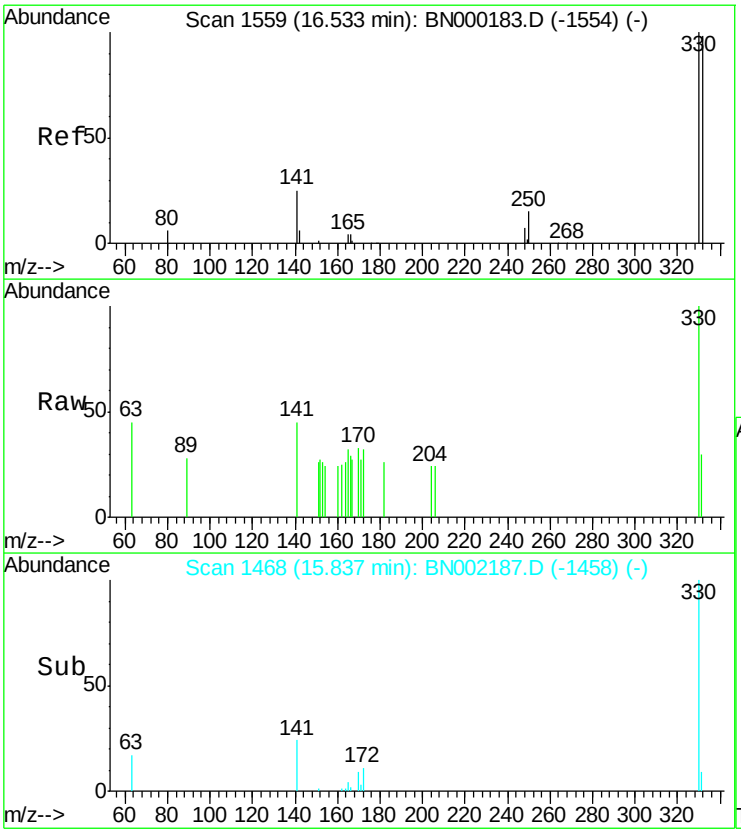
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 6265

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.1	124.7
160	48.0	37.1	55.7

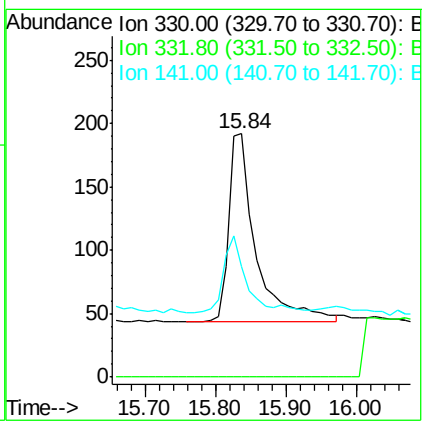


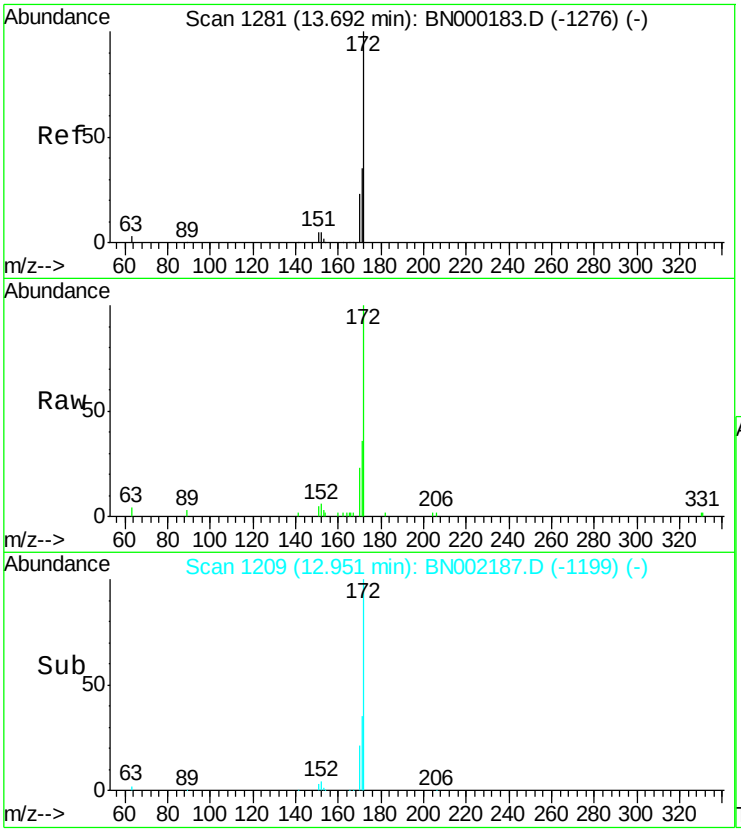


#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.84 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:330 Resp: 398

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	32.2	33.7	50.5#



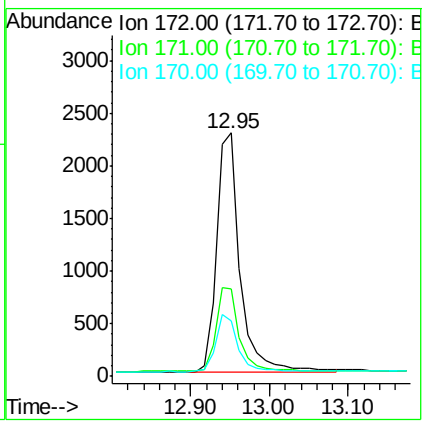


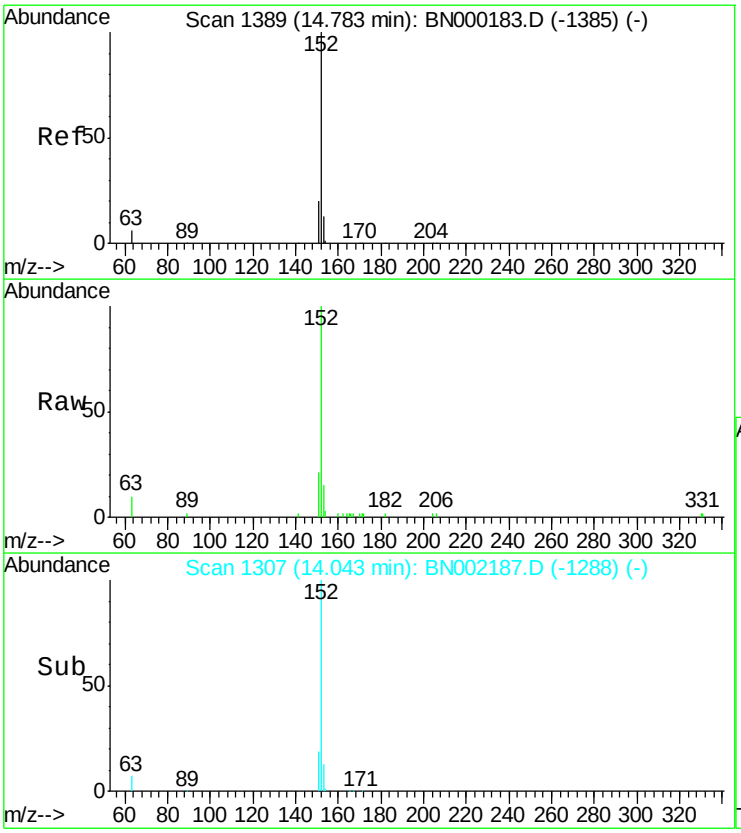
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 4703

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	22.7	21.8	32.8

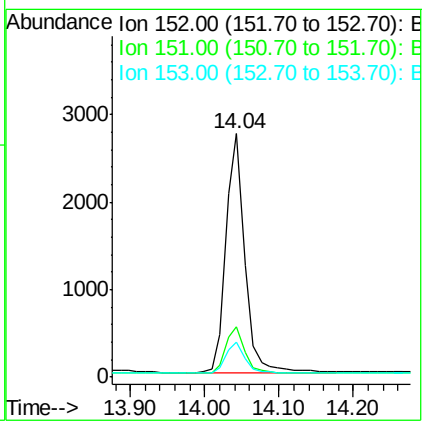


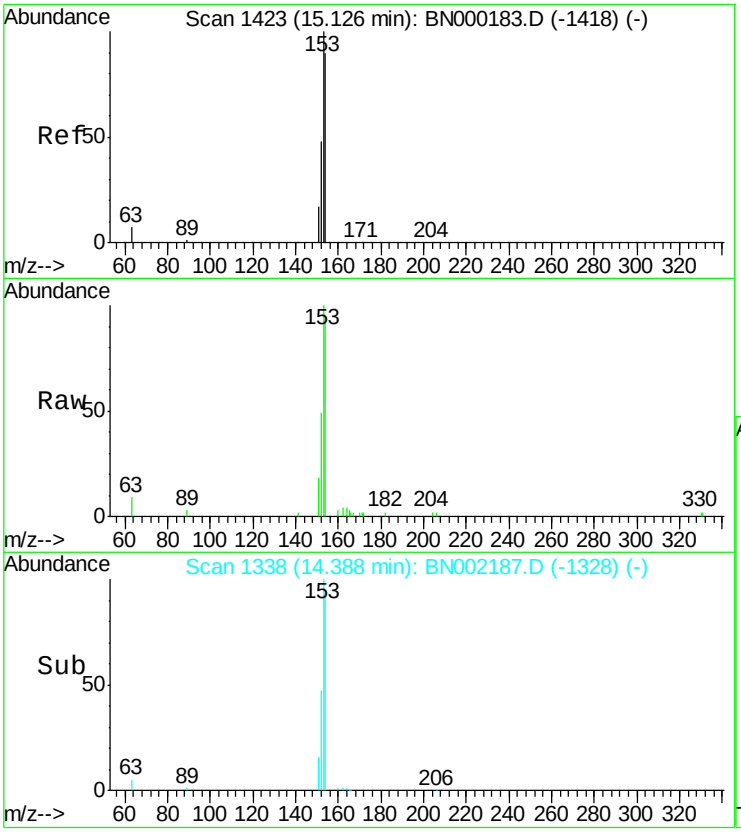


#16
Acenaphthylene
Concen: 0.176 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:152 Resp: 4799

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.1	10.5	15.7



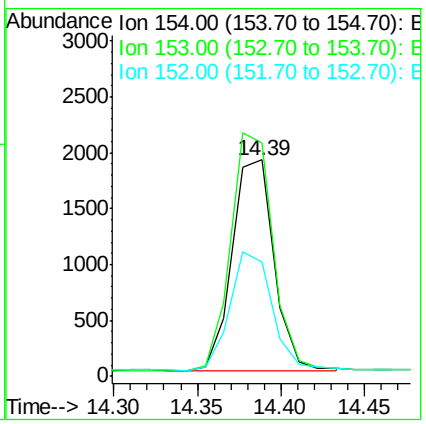


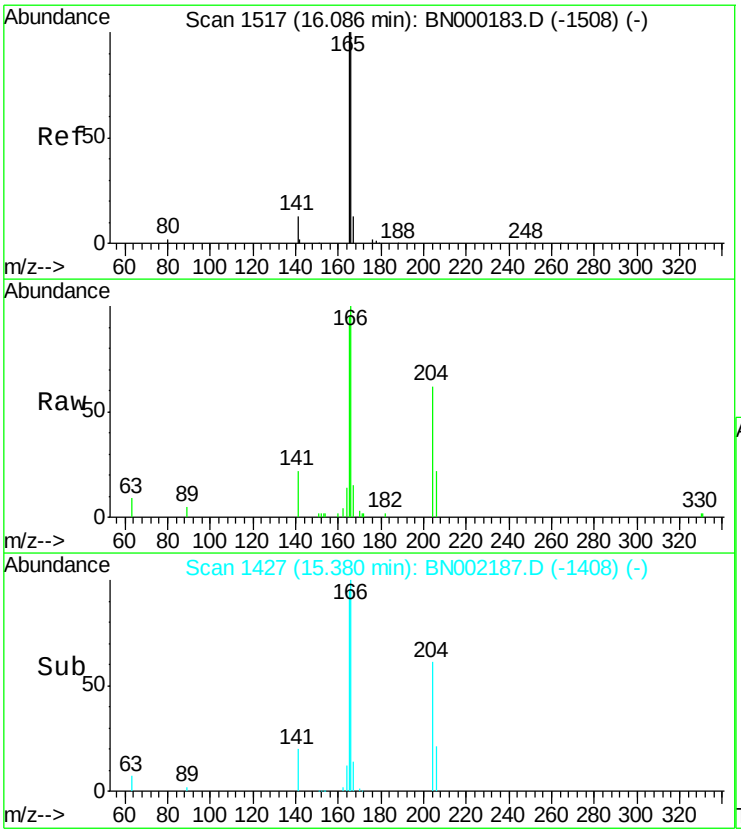
#17
Acenaphthene
Concen: 0.189 ng
RT: 14.39 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 3278

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.2	133.8
152	56.1	42.0	63.0

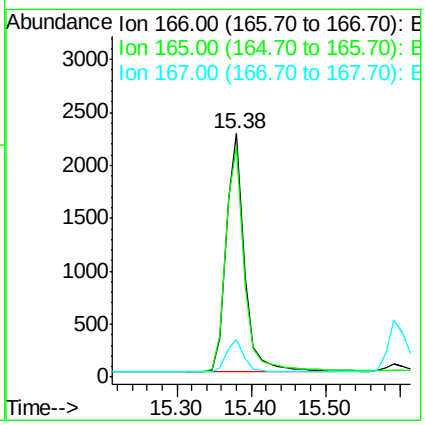


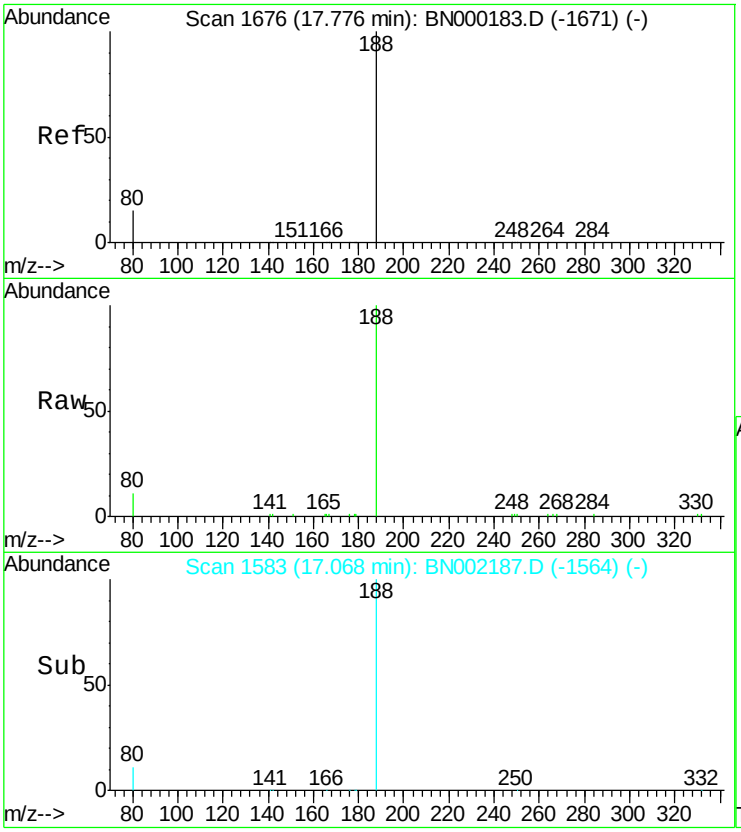


#18
Fluorene
Concen: 0.179 ng
RT: 15.38 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:166 Resp: 3855

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	13.5	42.4	63.6#



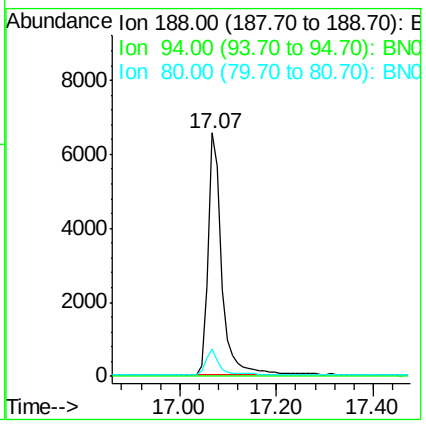


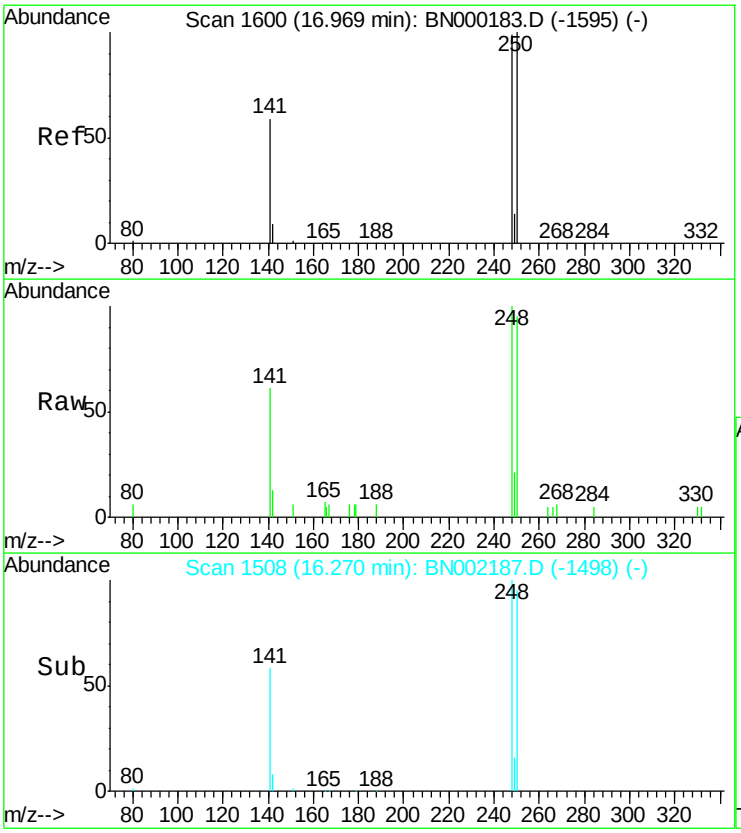
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 12790

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.3	3.6	5.4#

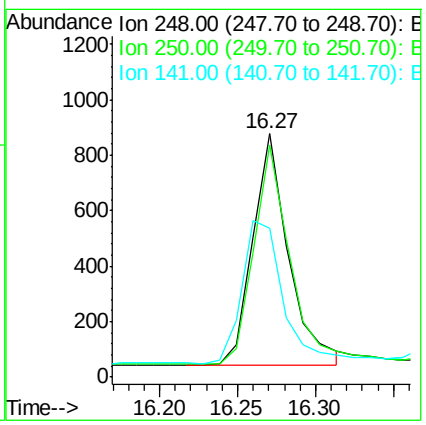


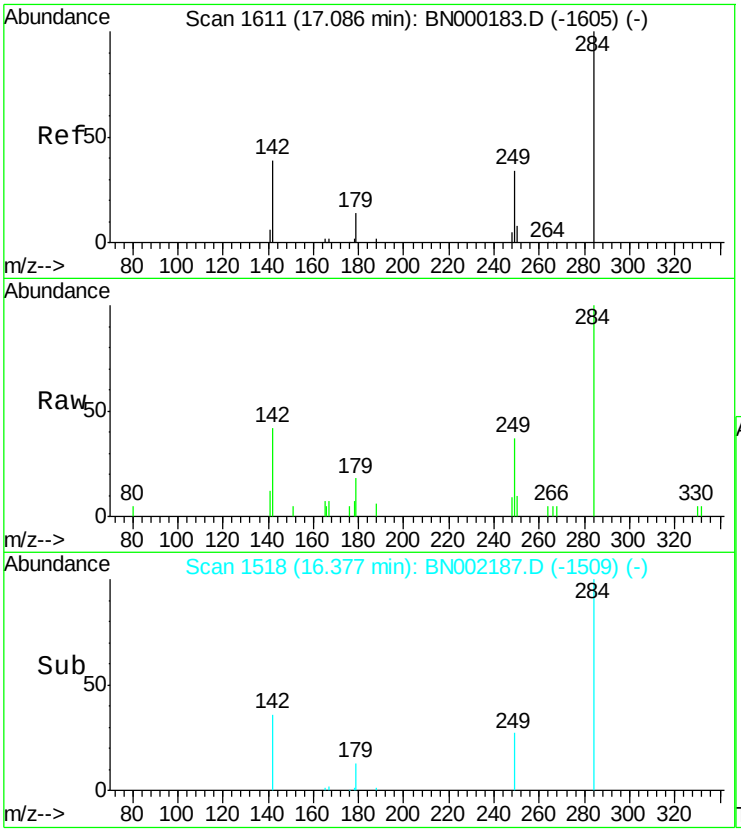


#20
4-Bromophenyl-phenylether
Concen: 0.179 ng
RT: 16.27 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:248 Resp: 1319

Ion	Ratio	Lower	Upper
248	100		
250	95.3	62.7	94.1#
141	61.0	48.2	72.2



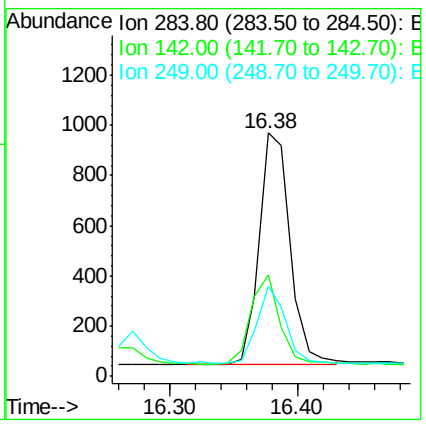


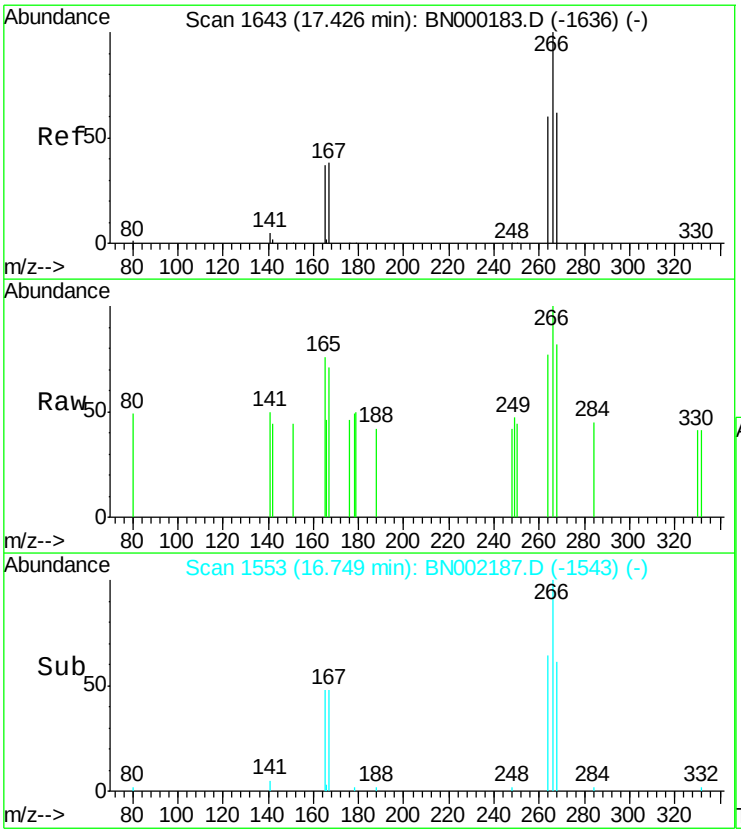
#21
Hexachlorobenzene
Concen: 0.195 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1570

Ion	Ratio	Lower	Upper
284	100		
142	35.4	32.0	48.0
249	29.3	24.0	36.0

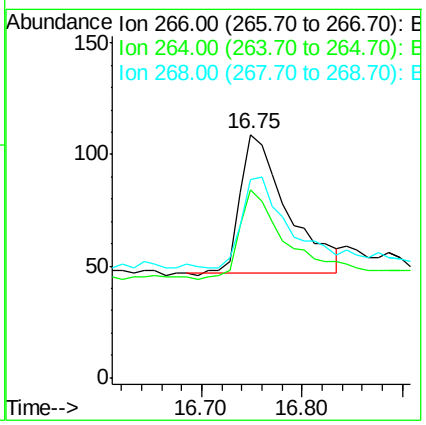


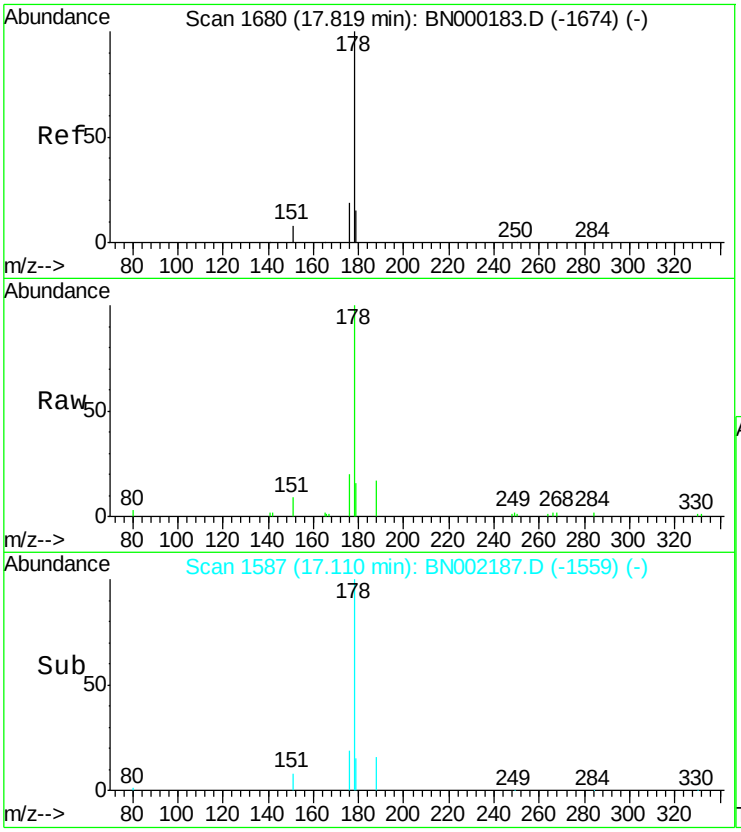


#22
Pentachlorophenol
Concen: 0.114 ng
RT: 16.75 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:266 Resp: 200

Ion	Ratio	Lower	Upper
266	100		
264	77.1	48.0	72.0#
268	81.7	52.0	78.0#



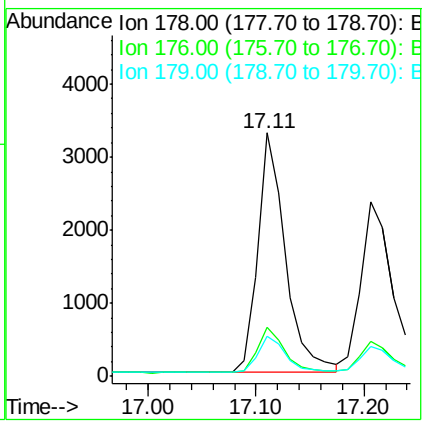


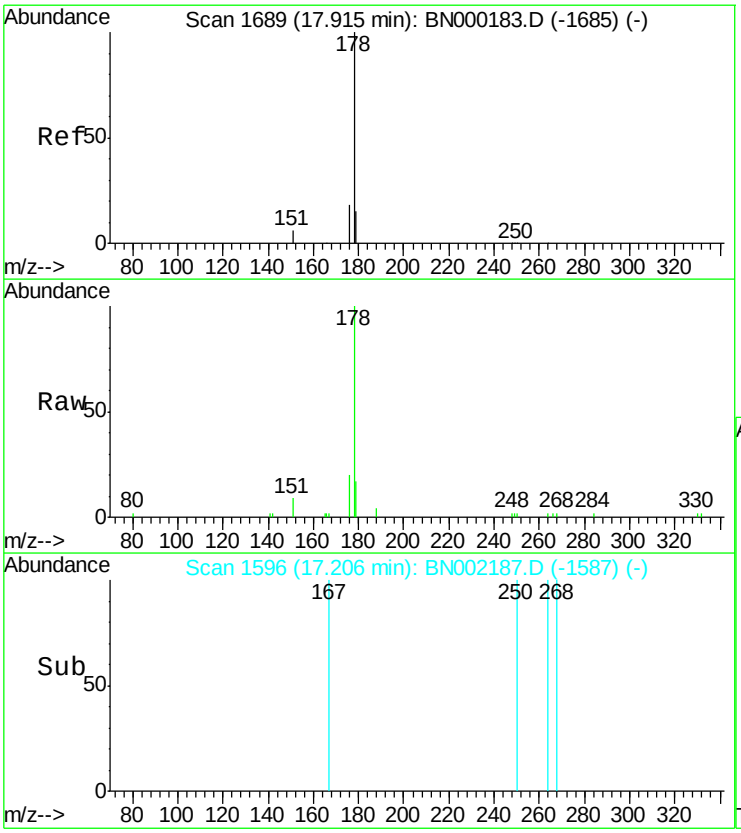
#23
Phenanthrene
Concen: 0.180 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 5820

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.4	11.8	17.6

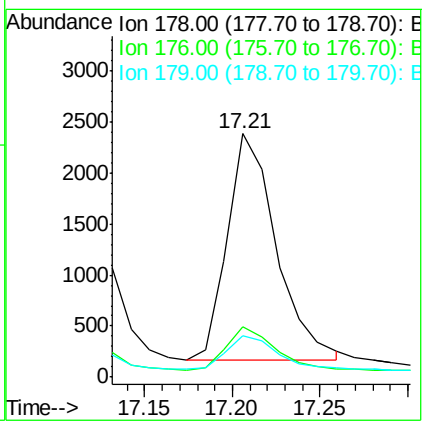


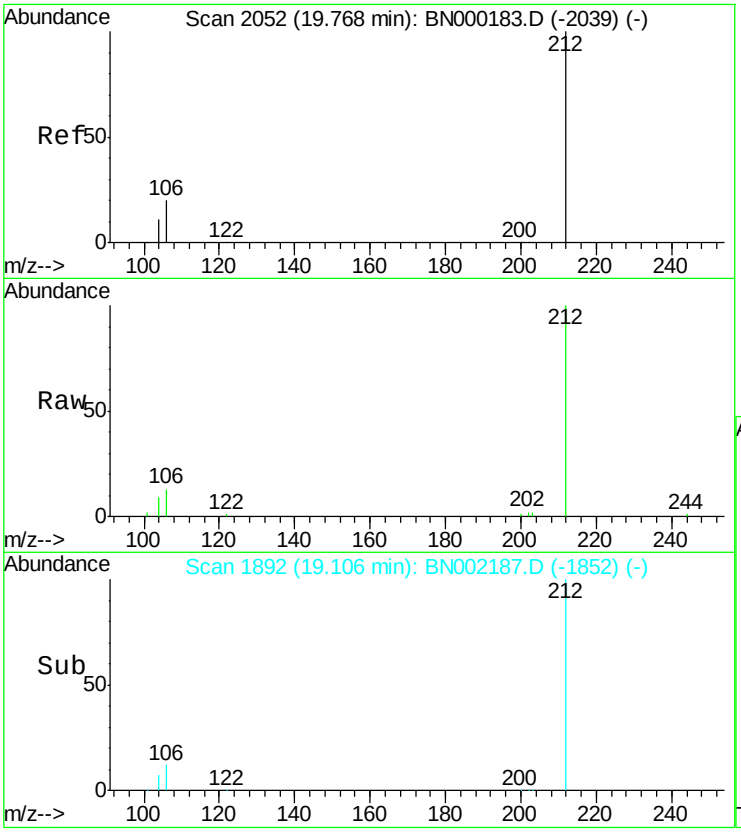


#24
Anthracene
Concen: 0.157 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:178 Resp: 4281

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.4	13.0	19.6



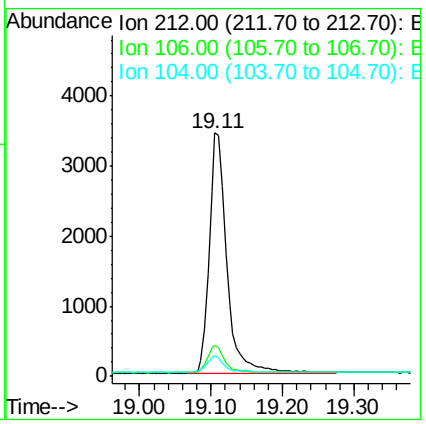


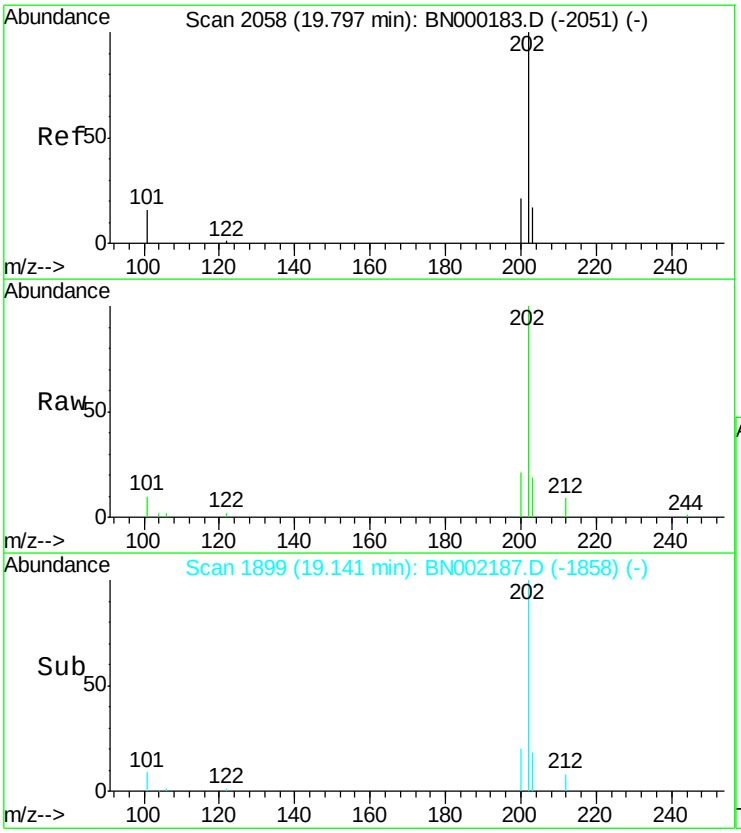
#25
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 5824

Ion	Ratio	Lower	Upper
212	100		
106	11.4	2.8	4.2#
104	6.6	1.6	2.4#

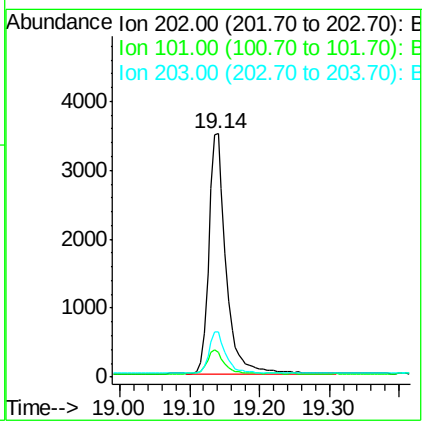


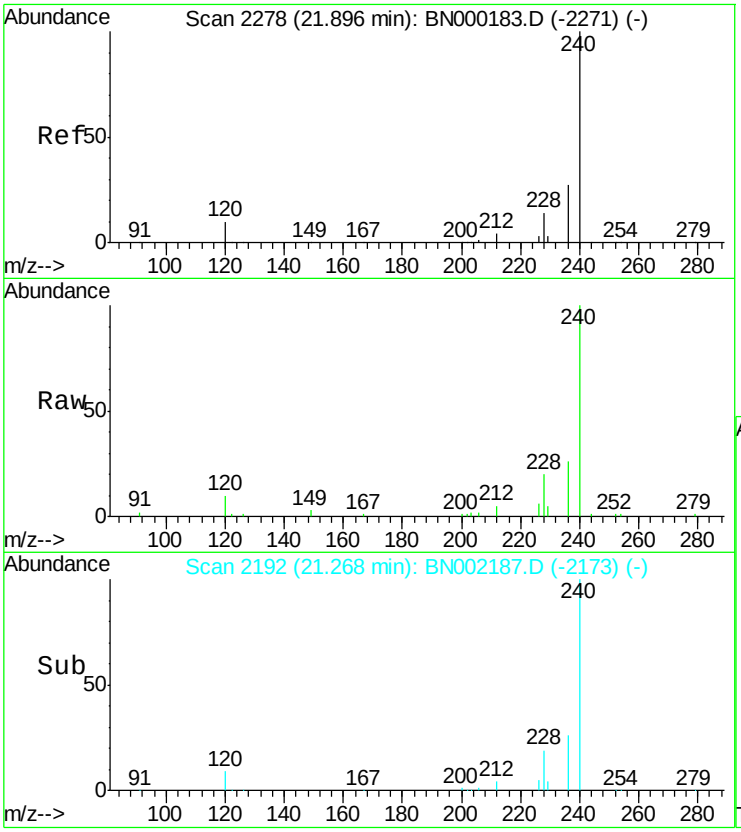


#26
Fluoranthene
Concen: 0.166 ng
RT: 19.14 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:202 Resp: 5923

Ion	Ratio	Lower	Upper
202	100		
101	9.5	9.8	14.8#
203	17.1	13.7	20.5



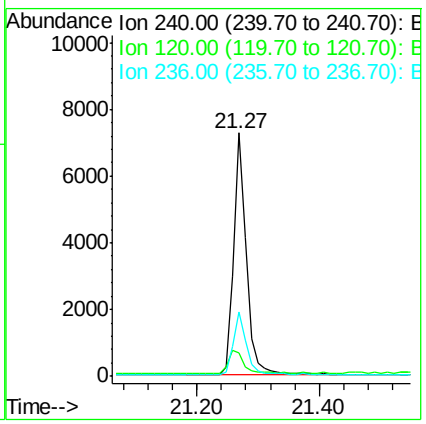


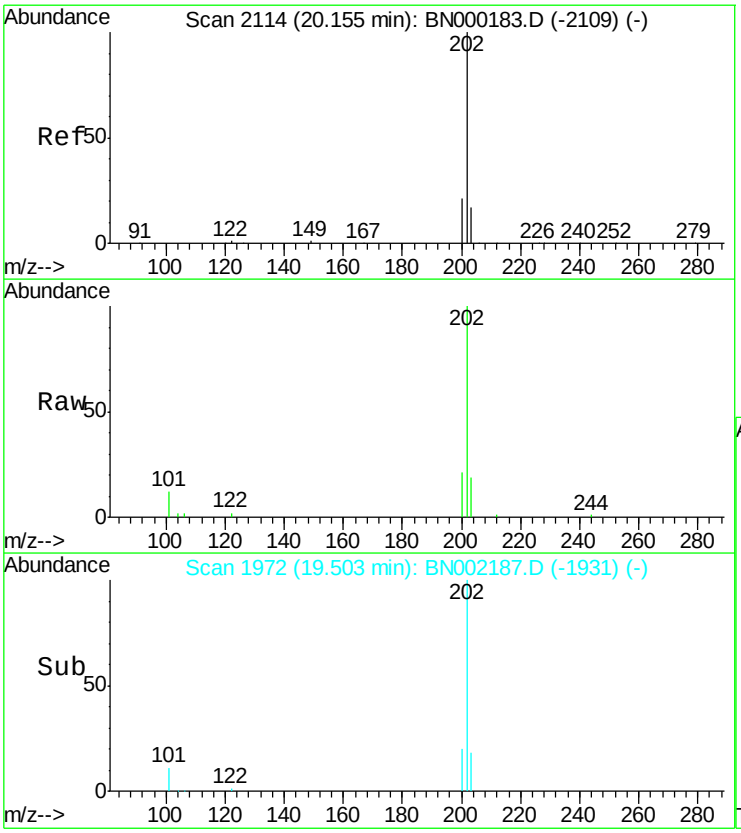
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 10636

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.5	8.3#
236	26.3	20.7	31.1

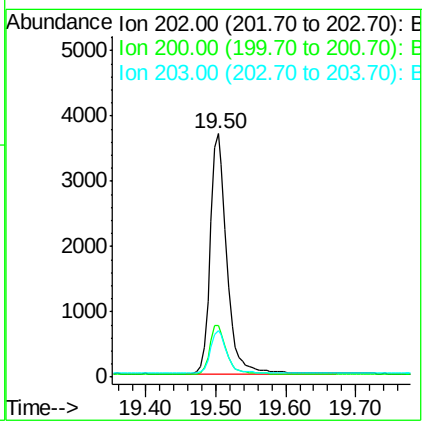


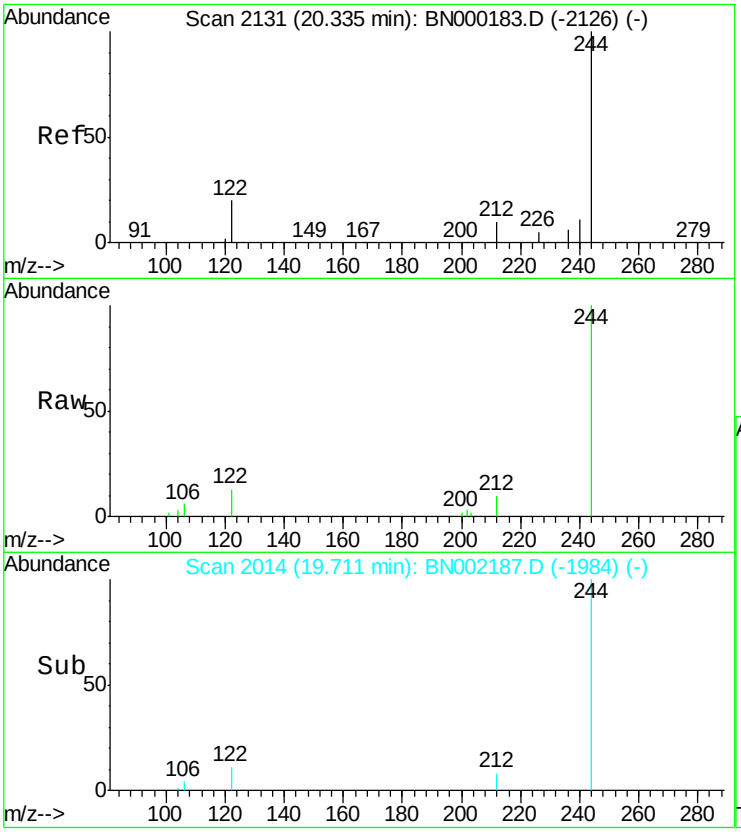


#28
Pyrene
Concen: 0.191 ng
RT: 19.50 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:202 Resp: 6066

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.3	13.8	20.8



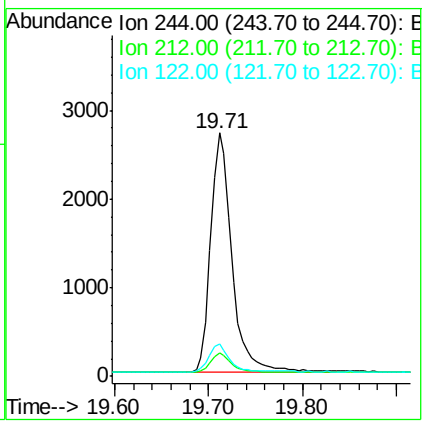


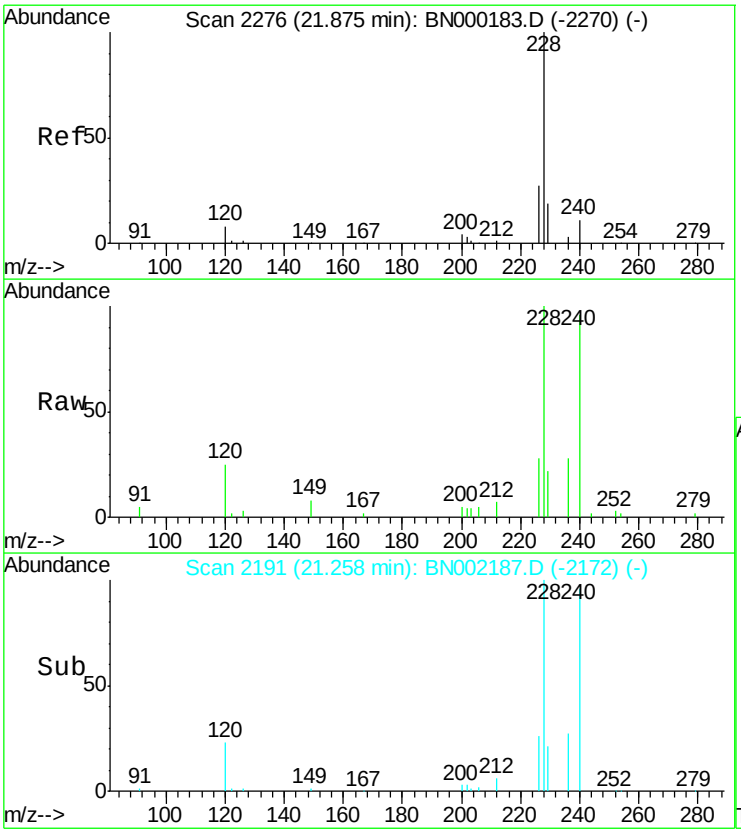
#29
Terphenyl-d14
Concen: 0.184 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 4240

Ion	Ratio	Lower	Upper
244	100		
212	9.5	25.4	38.0#
122	13.2	8.1	12.1#

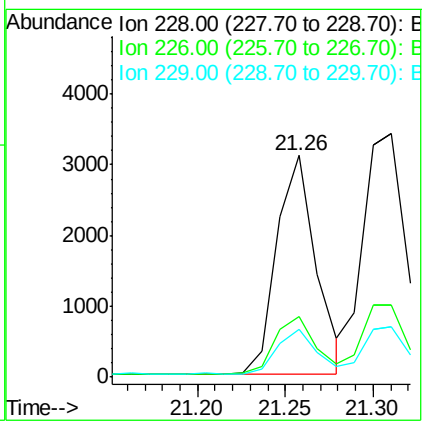


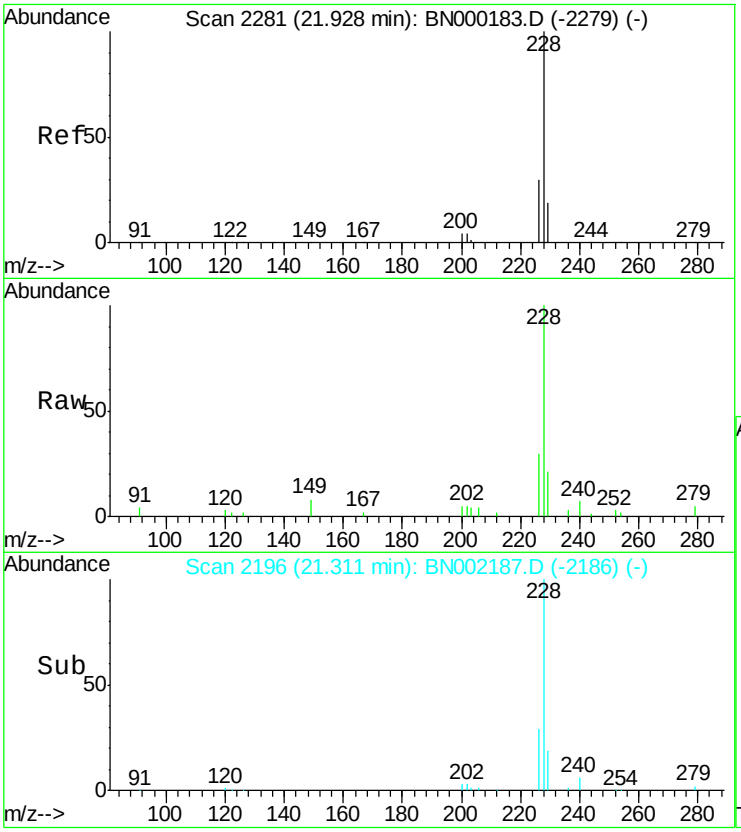


#30
Benzo(a)anthracene
Concen: 0.176 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:228 Resp: 4797

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	21.8	16.0	24.0



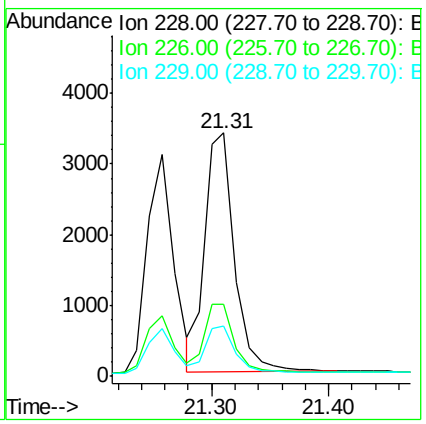


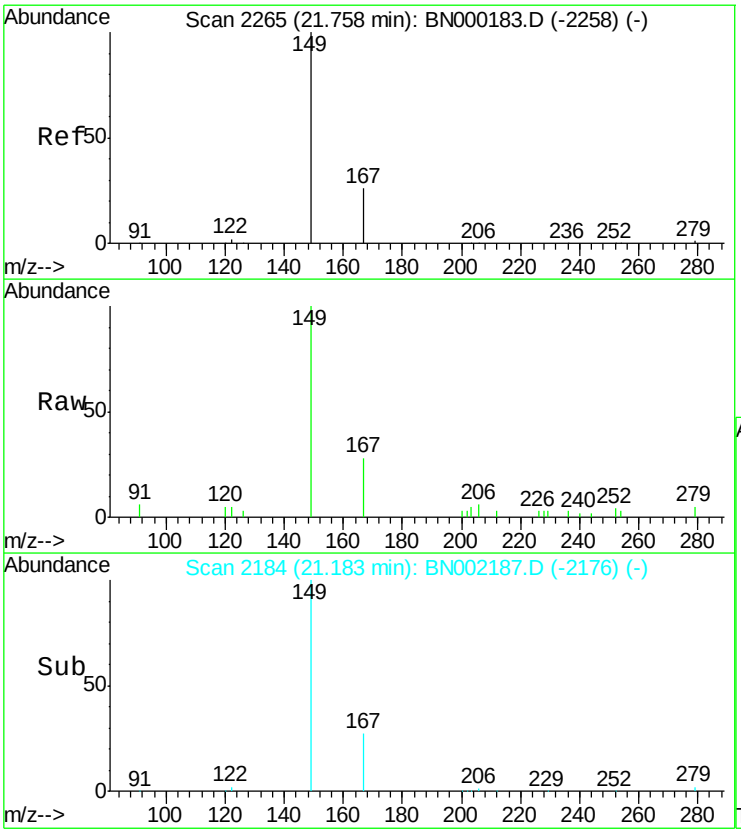
#31
Chrysene
Concen: 0.198 ng
RT: 21.31 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 5951

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.7	16.0	24.0

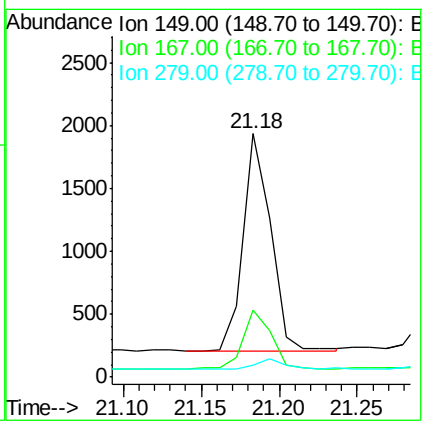


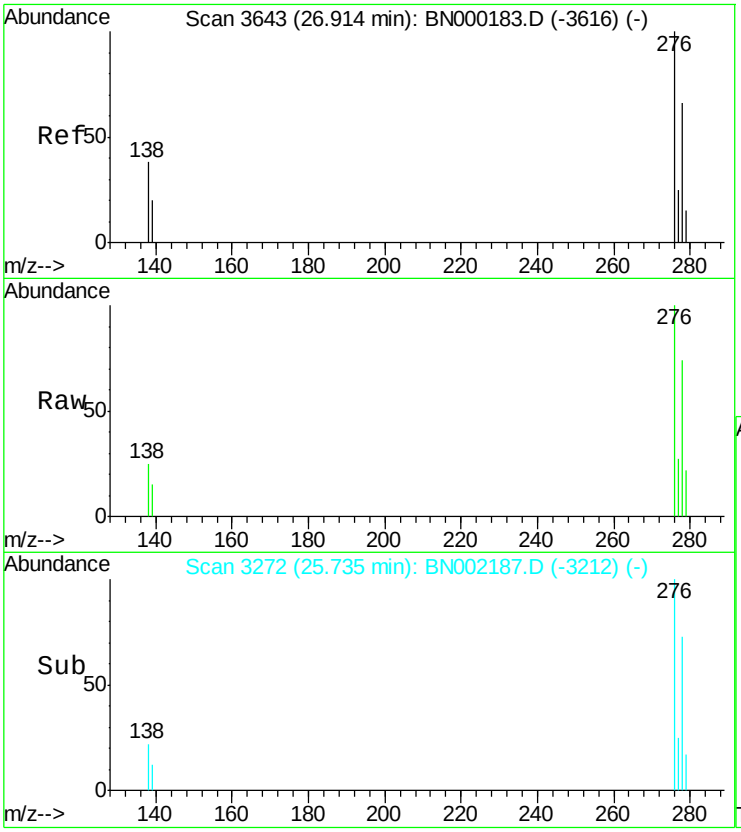


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:149 Resp: 2133

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.0	30.0
279	4.6	1.6	2.4#



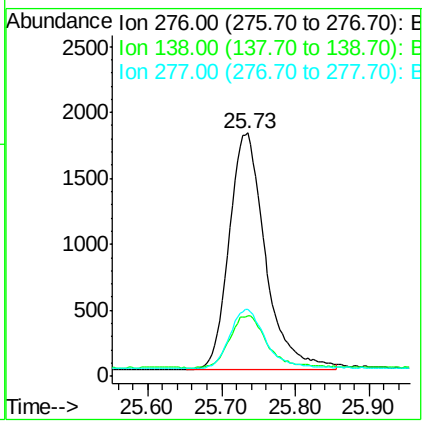


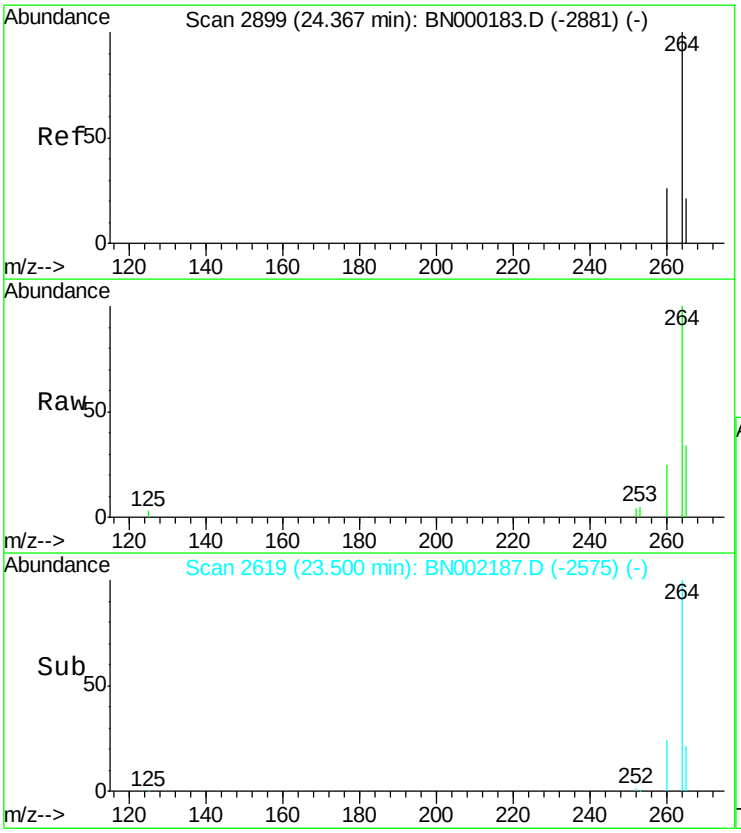
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng
RT: 25.73 min Scan# 3272
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6121

Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.5	33.7
277	25.0	19.9	29.9

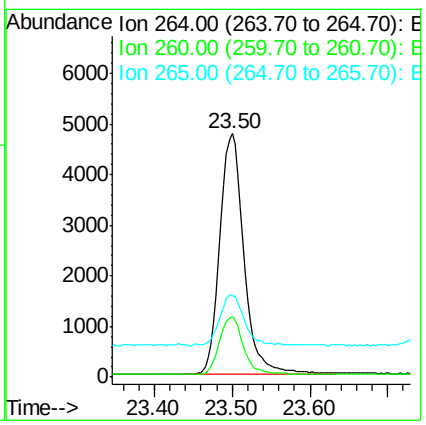


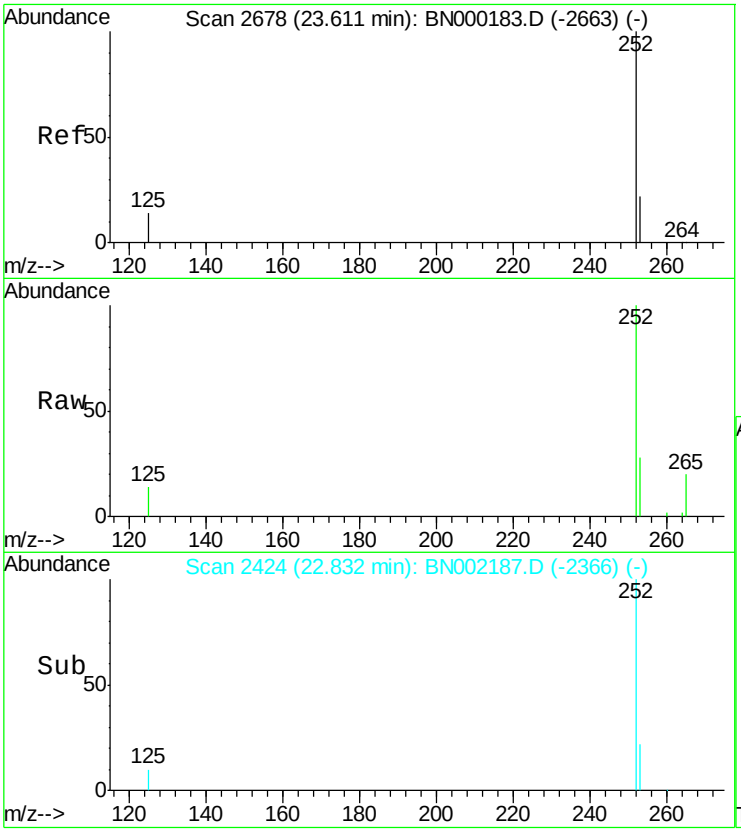


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:264 Resp: 10217

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	33.6	22.8	34.2



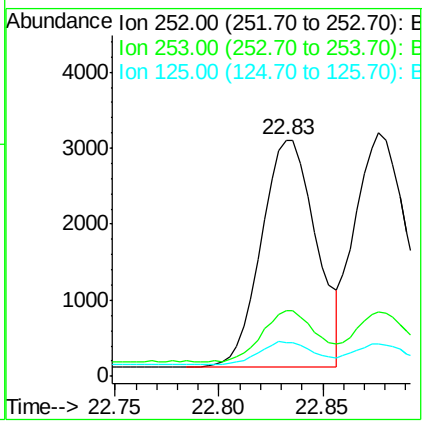


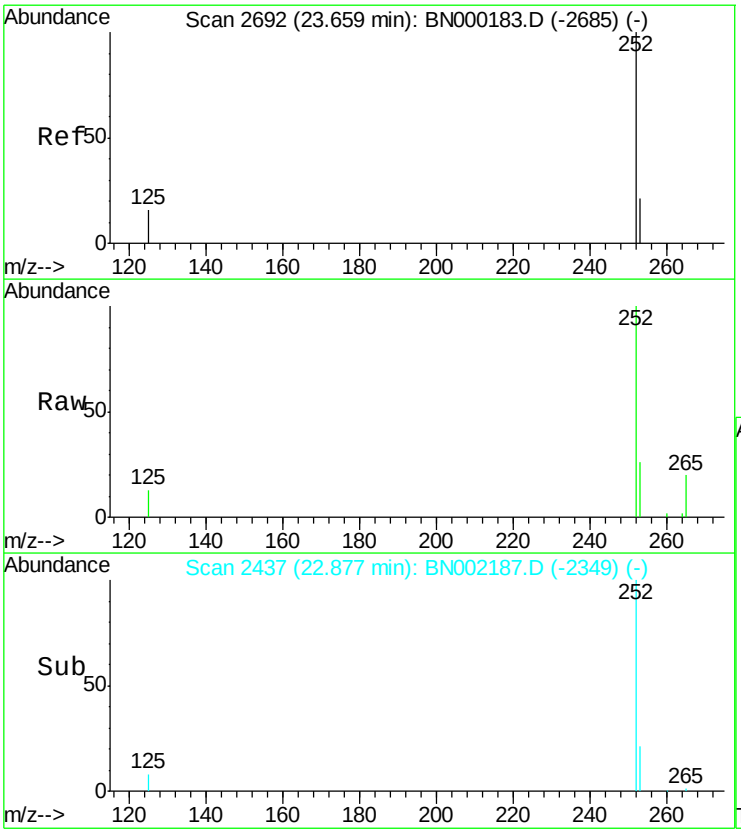
#35
Benzo(b)fluoranthene
Concen: 0.179 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5463

Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.0	30.0
125	14.4	16.0	24.0#

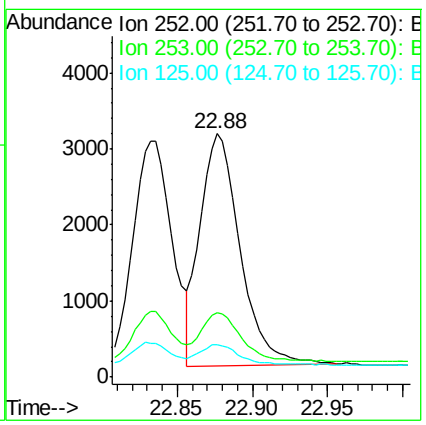


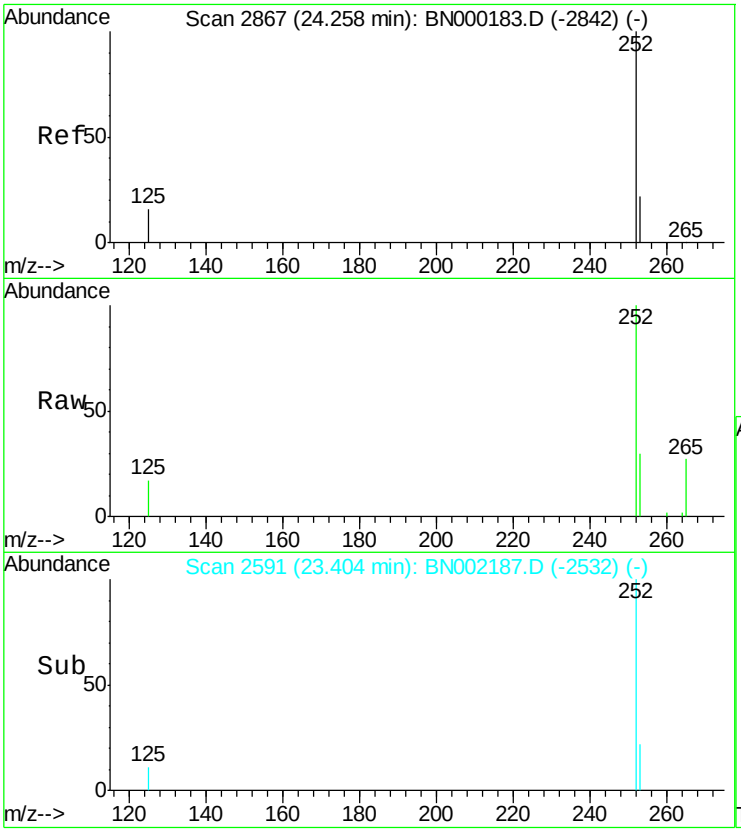


#36
Benzo(k)fluoranthene
Concen: 0.178 ng
RT: 22.88 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:252 Resp: 5650

Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.0	24.0#
125	13.2	8.0	12.0#



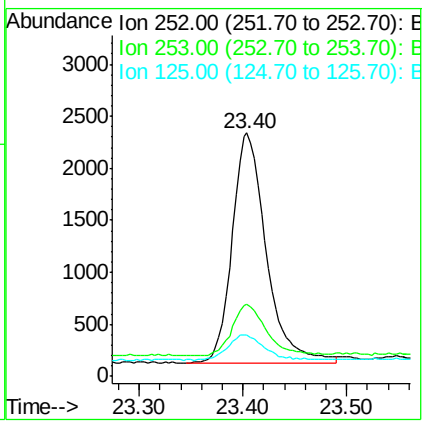


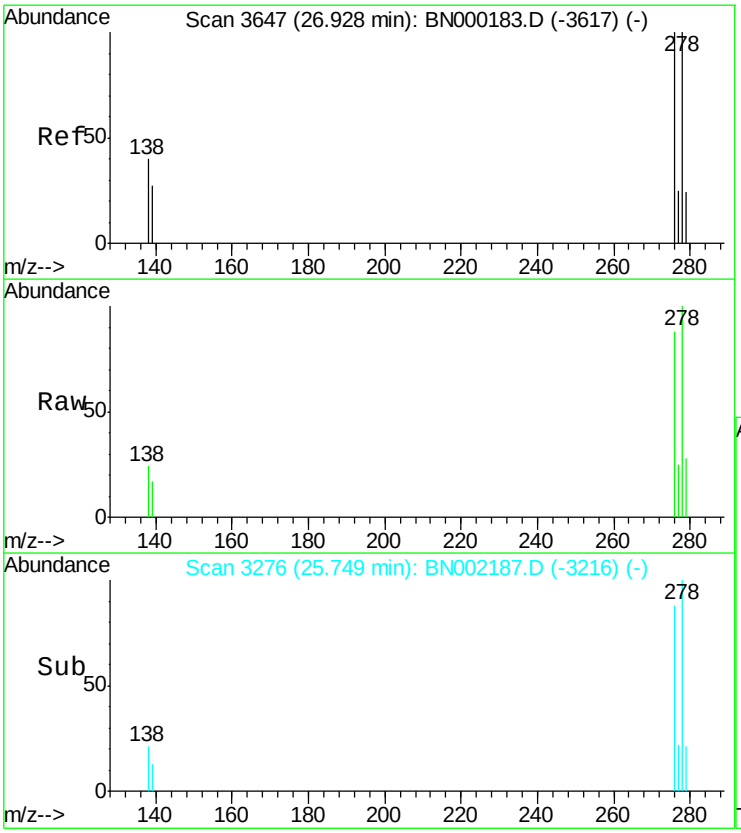
#37
Benzo(a)pyrene
Concen: 0.182 ng
RT: 23.40 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5041

Ion	Ratio	Lower	Upper
252	100		
253	29.6	16.0	24.0#
125	16.9	12.0	18.0

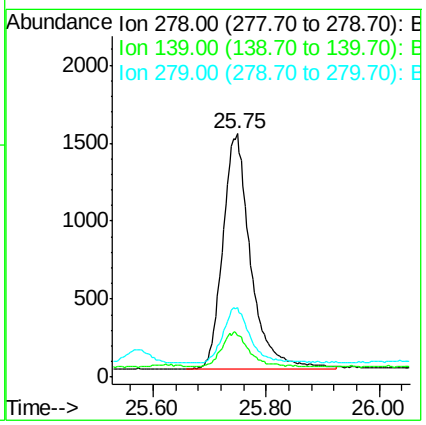


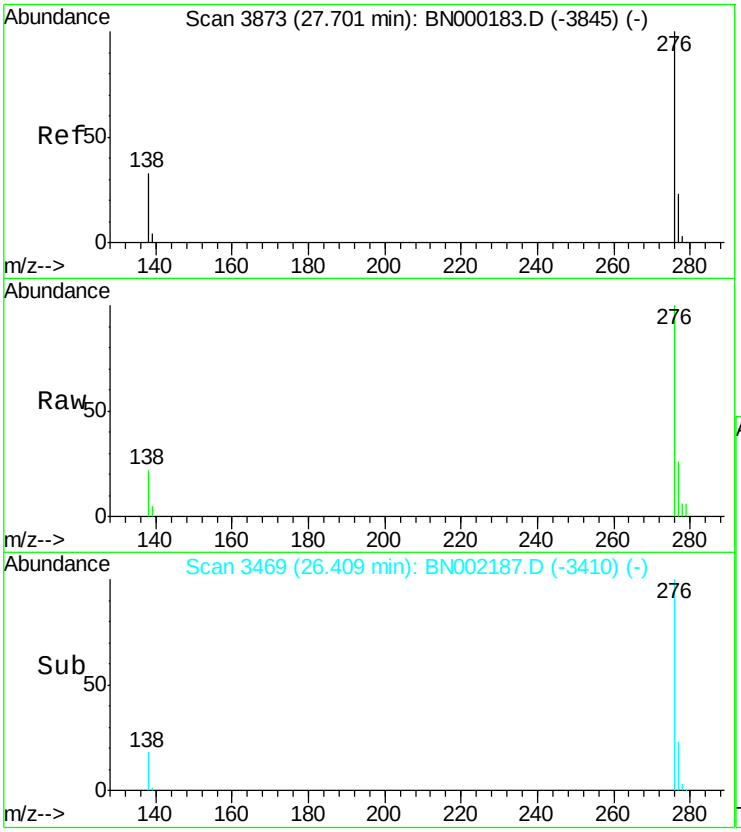


#38
Dibenzo(a,h)anthracene
Concen: 0.194 ng
RT: 25.75 min Scan# 3276
Delta R.T. 0.01 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Tgt Ion:278 Resp: 5168

Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.0	24.0
279	28.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.200 ng
RT: 26.41 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BN002187.D
Acq: 30 Jul 2018 15:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5420

Ion	Ratio	Lower	Upper
276	100		
277	26.0	16.0	24.0#
138	22.1	20.0	30.0