Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
Data File : BN002182.D
Acq On : 30 Jul 2018 12:12
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jul 30 14:14:54 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 14:09:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3373	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	13485	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	7672	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	18407	0.40	ng		0.00
27) Chrysene-d12	21.27	240	16455	0.40	ng		0.00
34) Perylene-d12	23.50	264	13801	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2170	0.30	ng		0.00
5) Phenol-d6	6.87	99	2559	0.28	ng		0.00
8) Nitrobenzene-d5	8.84	82	2776	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	5447	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	878	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	8220	0.23	ng		0.00
25) Fluoranthene-d10	19.11	212	12794	0.26	ng		0.00
29) Terphenyl-d14	19.71	244	10387	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1073	0.307	ng		91
3) n-Nitrosodimethylamine	3.62	42	590	0.248	ng	#	96
6) bis(2-Chloroethyl)ether	7.13	93	2422	0.211	ng		87
9) Naphthalene	10.50	128	8517	0.216	ng	#	94
10) Hexachlorobutadiene	10.79	225	1843	0.276	ng	#	55
12) 2-Methylnaphthalene	12.13	142	5691	0.220	ng		98
16) Acenaphthylene	14.03	152	8754	0.242	ng		100
17) Acenaphthene	14.38	154	5841	0.205	ng		96
18) Fluorene	15.37	166	7303	0.205	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	2746	0.259	ng	#	78
21) Hexachlorobenzene	16.38	284	3124	0.220	ng		95
22) Pentachlorophenol	16.74	266	506	0.134	ng		89
23) Phenanthrene	17.11	178	12480	0.193	ng		99
24) Anthracene	17.21	178	10027	0.204	ng		96
26) Fluoranthene	19.14	202	13988	0.208	ng	#	97
28) Pyrene	19.50	202	14079	0.218	ng		100
30) Benzo(a)anthracene	21.26	228	11403	0.220	ng		96
31) Chrysene	21.31	228	12957	0.214	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	5510	0.286	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.73	276	11496	0.203	ng	#	94
35) Benzo(b)fluoranthene	22.84	252	11153	0.177	ng	#	92
36) Benzo(k)fluoranthene	22.88	252	11501	0.187	ng	#	92
37) Benzo(a)pyrene	23.40	252	10186	0.198	ng	#	92
38) Dibenzo(a,h)anthracene	25.74	278	9463	0.207	ng		96
39) Benzo(g,h,i)perylene	26.41	276	9836	0.182	ng	#	91

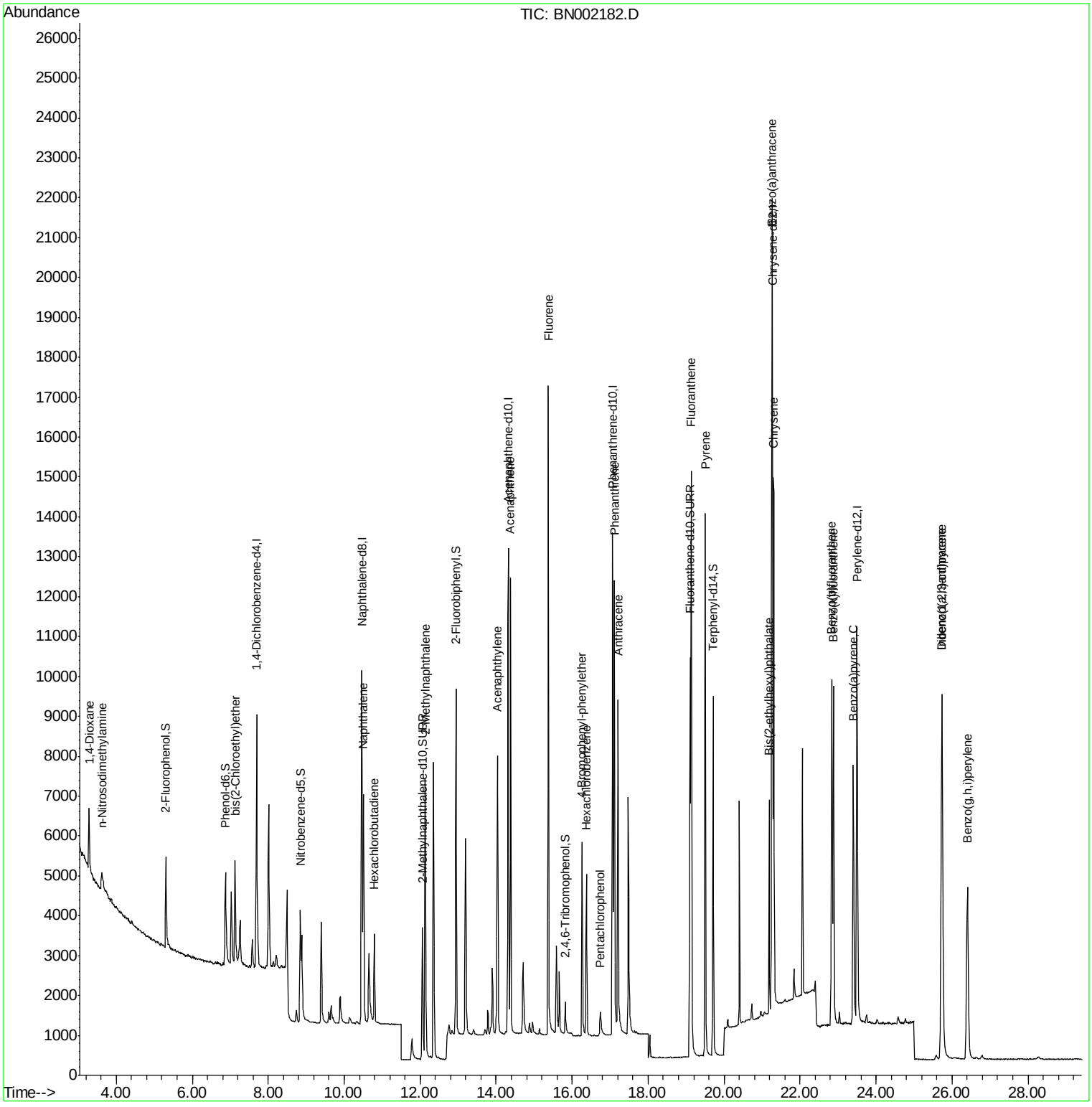
(#) = qualifier out of range (m) = manual integration (+) = signals summed

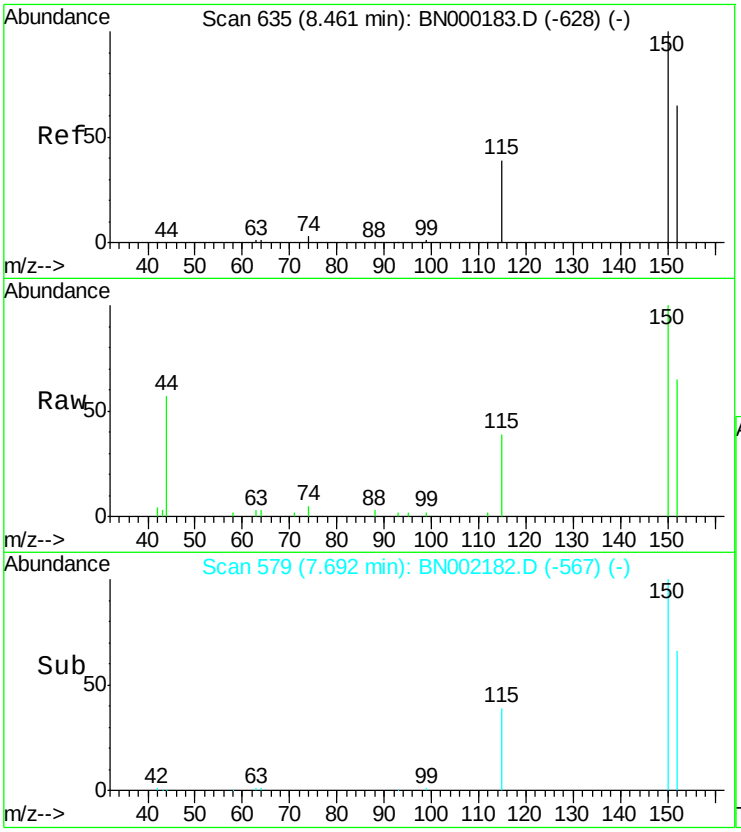
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
Data File : BN002182.D
Acq On : 30 Jul 2018 12:12
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 30 14:14:54 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 14:09:58 2018
Response via : Initial Calibration



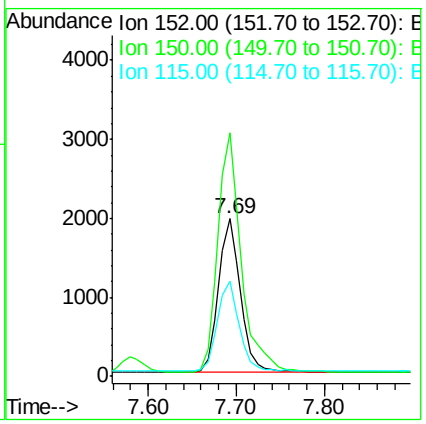


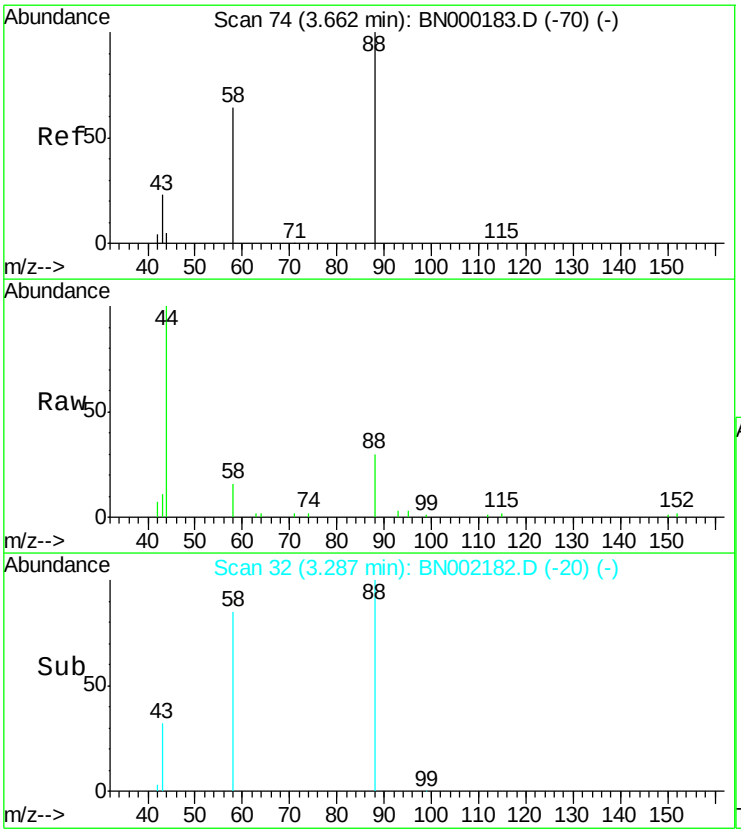
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3373

Ion	Ratio	Lower	Upper
152	100		
150	154.8	117.2	175.8
115	60.9	57.0	85.6

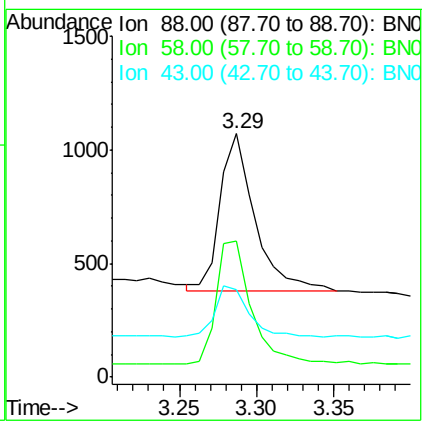


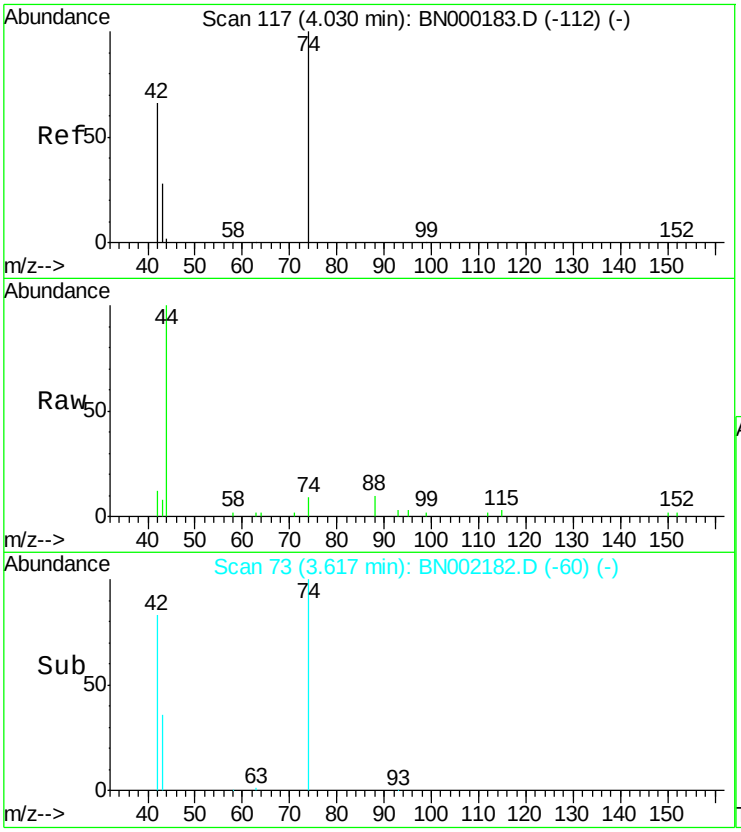


#2
1,4-Dioxane
Concen: 0.307 ng
RT: 3.29 min Scan# 32
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion: 88 Resp: 1073

Ion	Ratio	Lower	Upper
88	100		
58	80.6	72.0	108.0
43	32.2	28.0	42.0



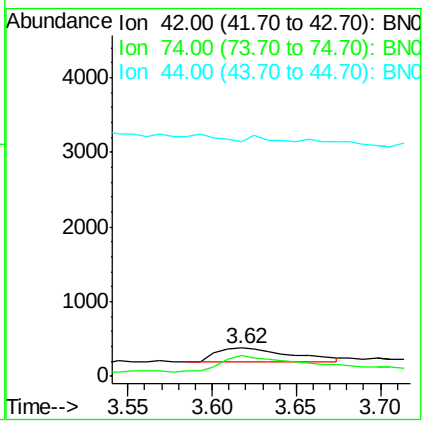


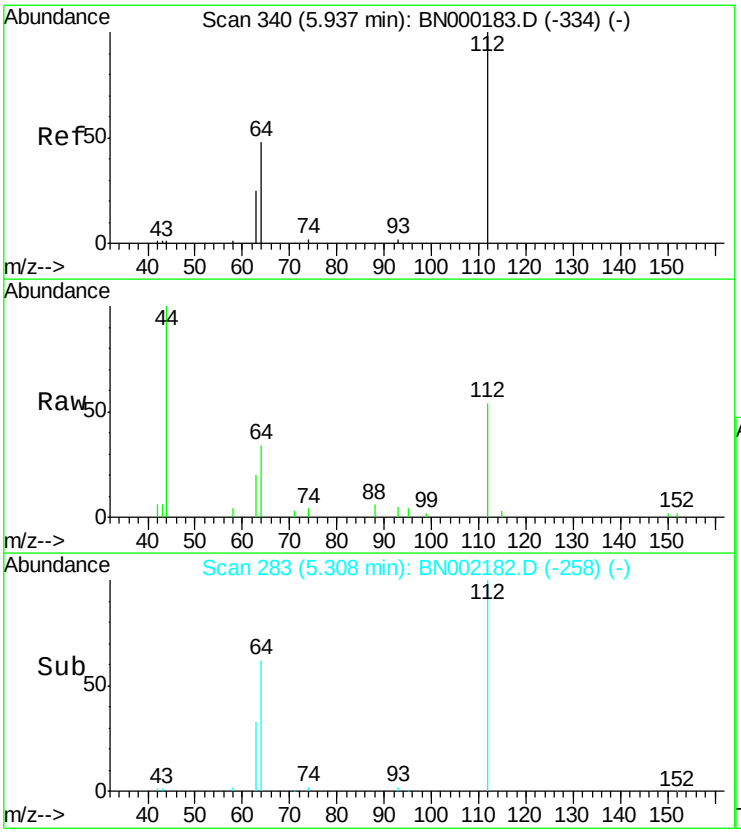
#3
n-Nitrosodimethylamine
Concen: 0.248 ng
RT: 3.62 min Scan# 73
Delta R.T. 0.01 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 590

Ion	Ratio	Lower	Upper
42	100		
74	111.2	88.0	132.0
44	10.5	16.0	24.0#

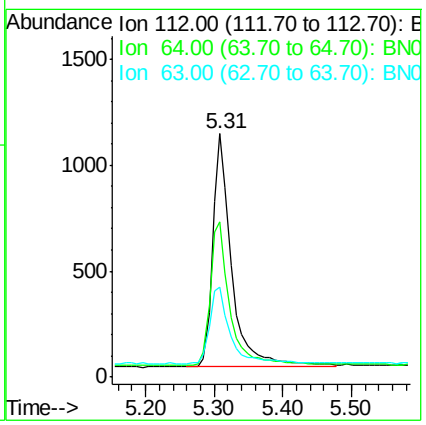


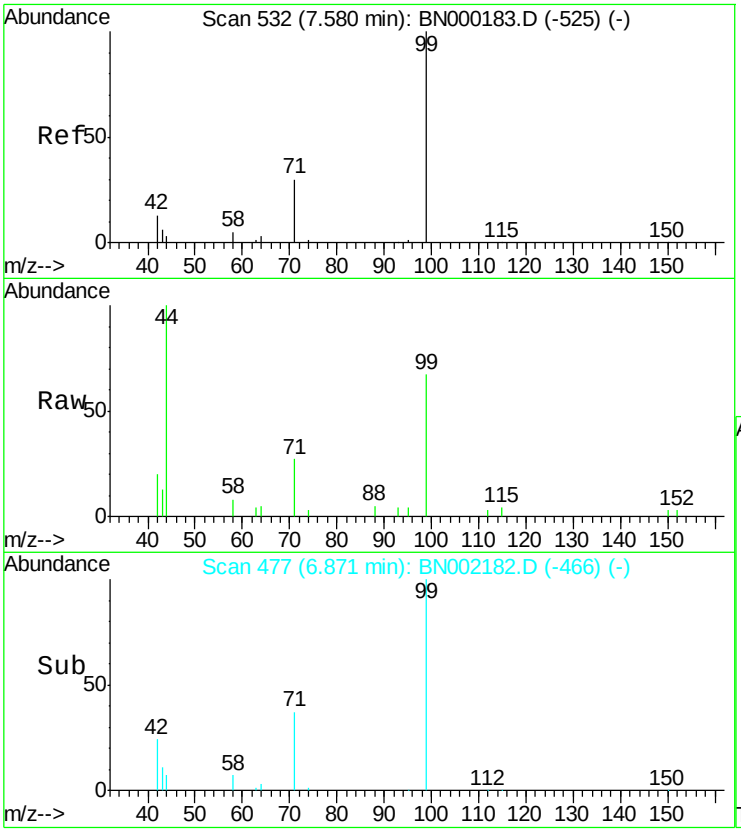


#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.31 min Scan# 283
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:112 Resp: 2170

Ion	Ratio	Lower	Upper
112	100		
64	63.8	60.1	90.1
63	35.9	116.8	175.2#



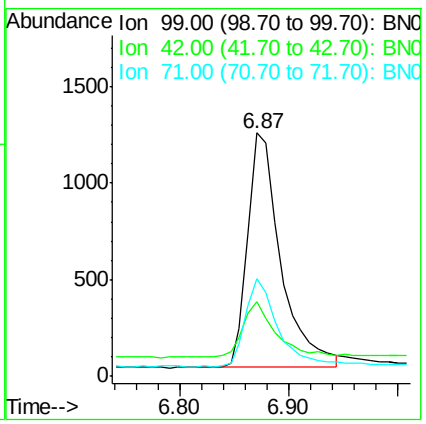


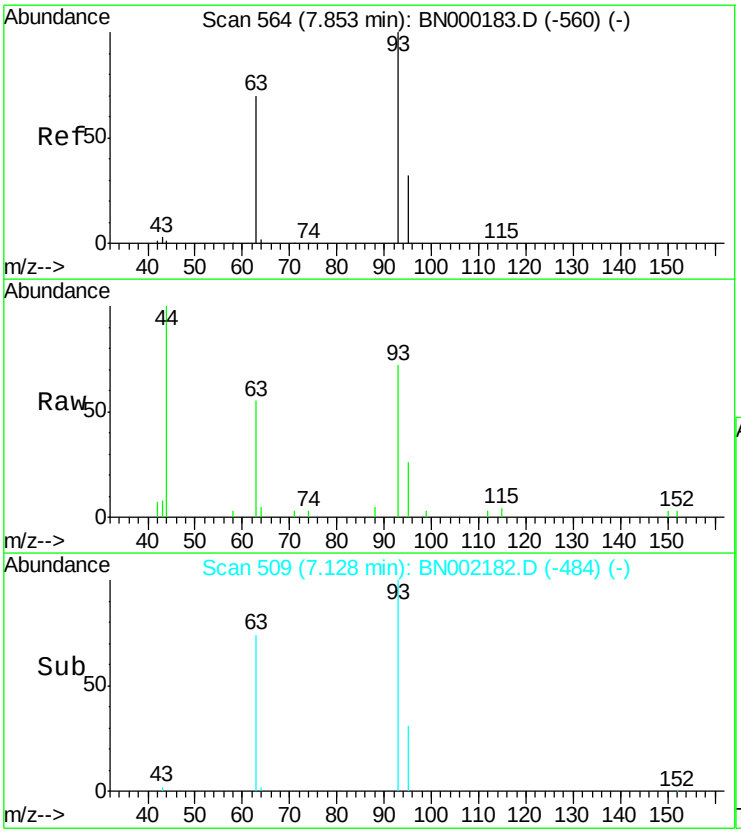
#5
Phenol-d6
Concen: 0.283 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2559

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.2	30.2
71	36.3	28.4	42.6

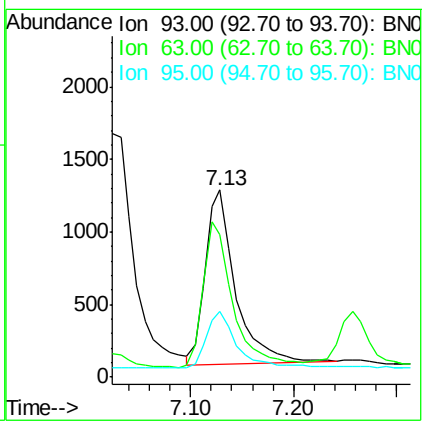


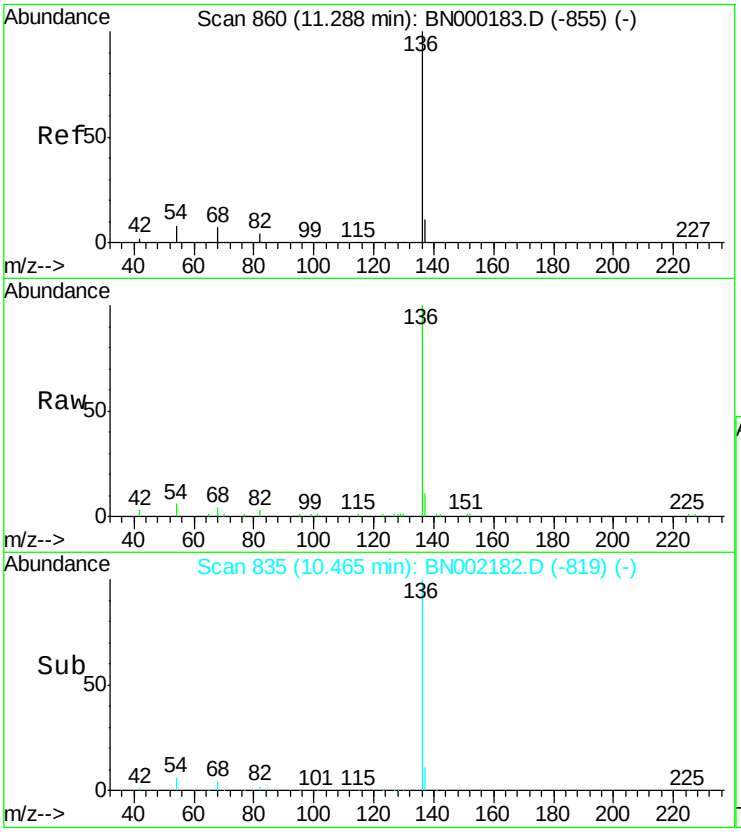


#6
bis(2-Chloroethyl)ether
Concen: 0.211 ng
RT: 7.13 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion: 93 Resp: 2422

Ion	Ratio	Lower	Upper
93	100		
63	82.8	56.0	84.0
95	35.0	25.2	37.8



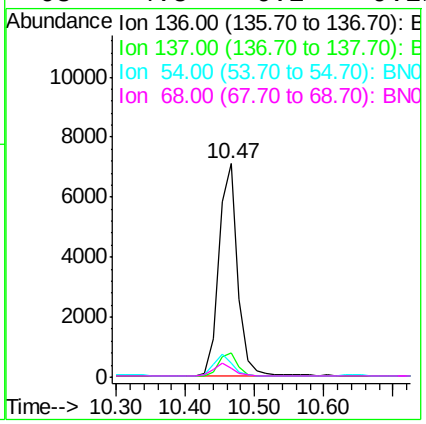


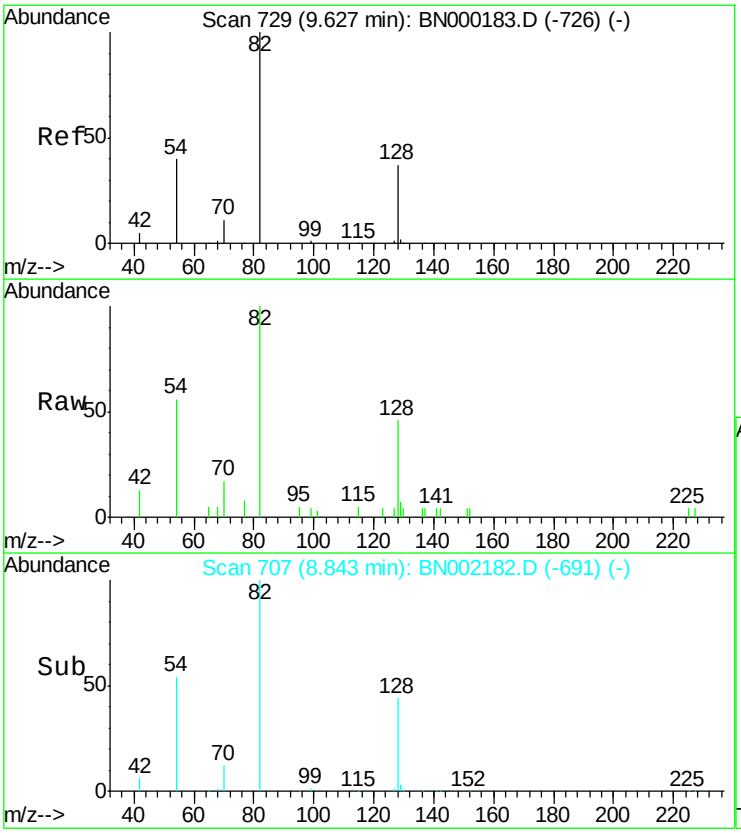
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 13485

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	6.5	29.1	43.7#
68	4.5	6.2	9.2#

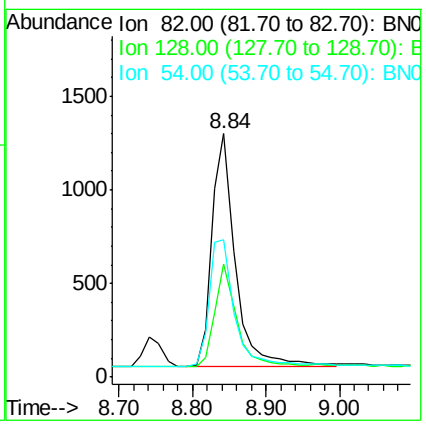


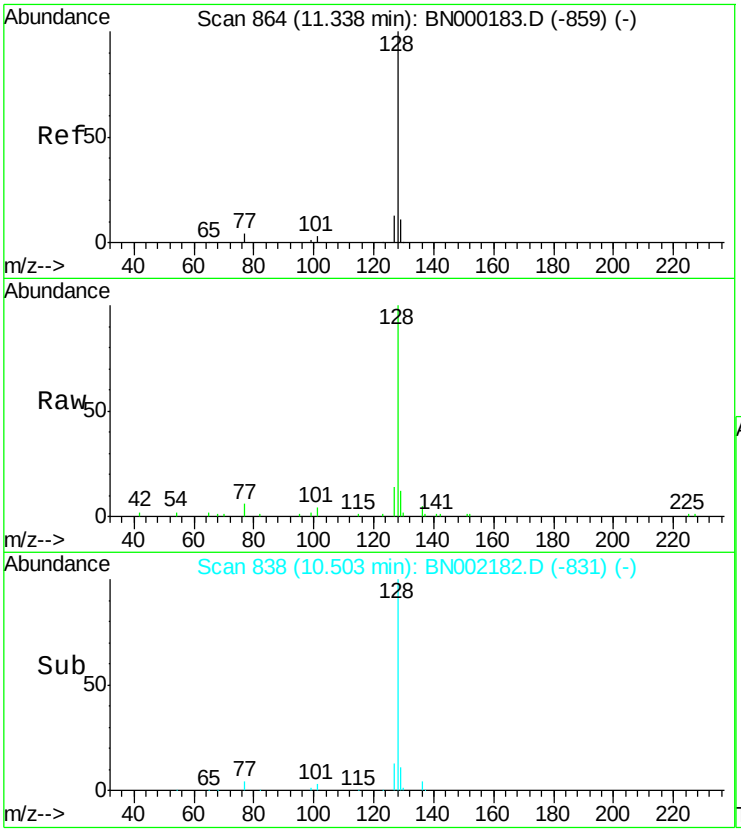


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion: 82 Resp: 2776

Ion	Ratio	Lower	Upper
82	100		
128	46.4	150.0	225.0#
54	56.3	154.2	231.4#



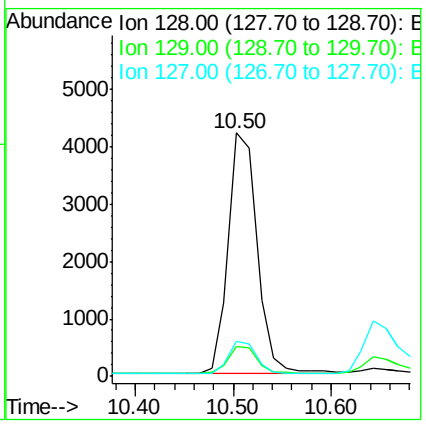


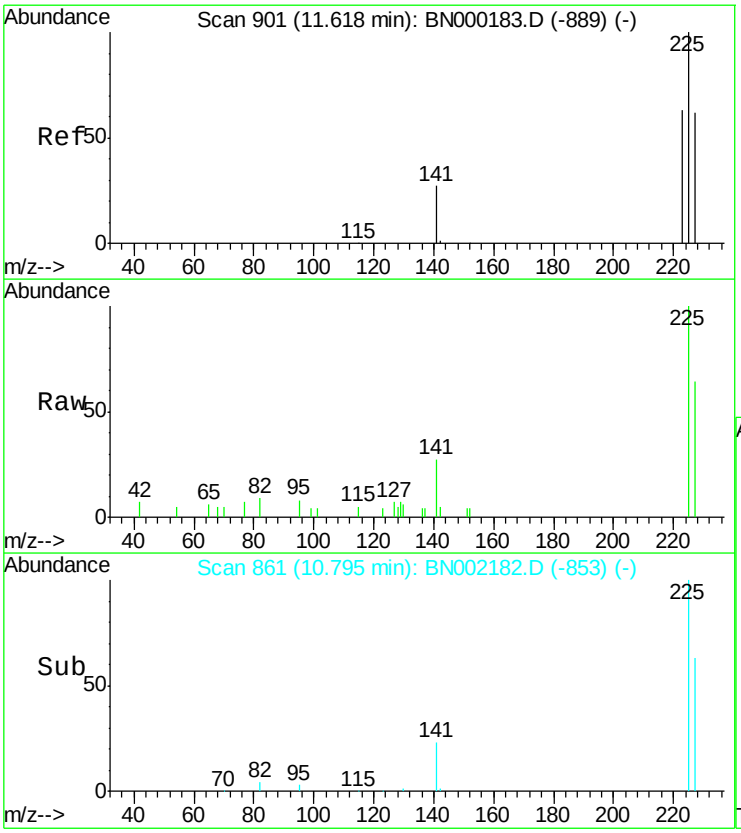
#9
Naphthalene
Concen: 0.216 ng
RT: 10.50 min Scan# 838
Delta R.T. -0.01 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 8517

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.0	12.0#
127	14.4	9.6	14.4

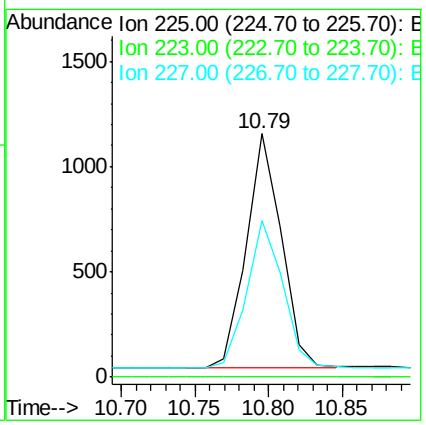


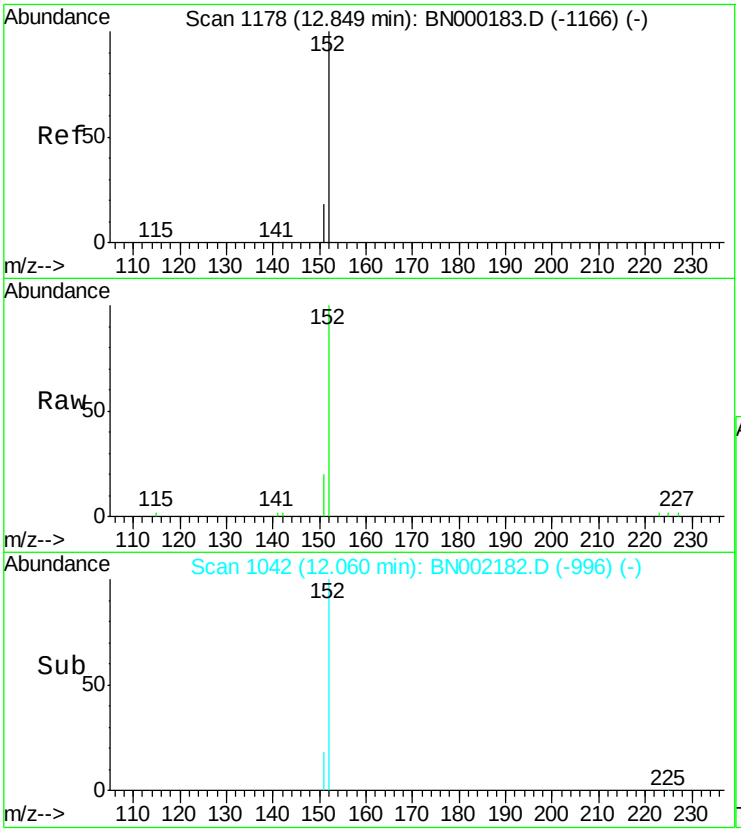


#10
Hexachlorobutadiene
Concen: 0.276 ng
RT: 10.79 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:225 Resp: 1843

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	64.0	48.0	72.0



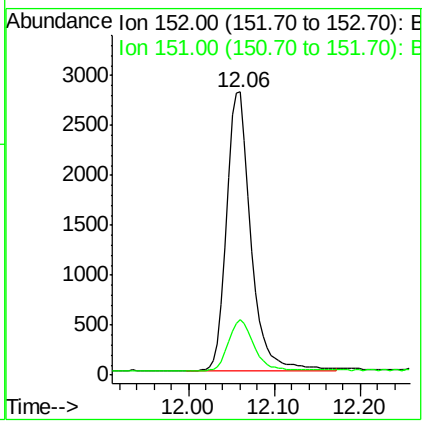


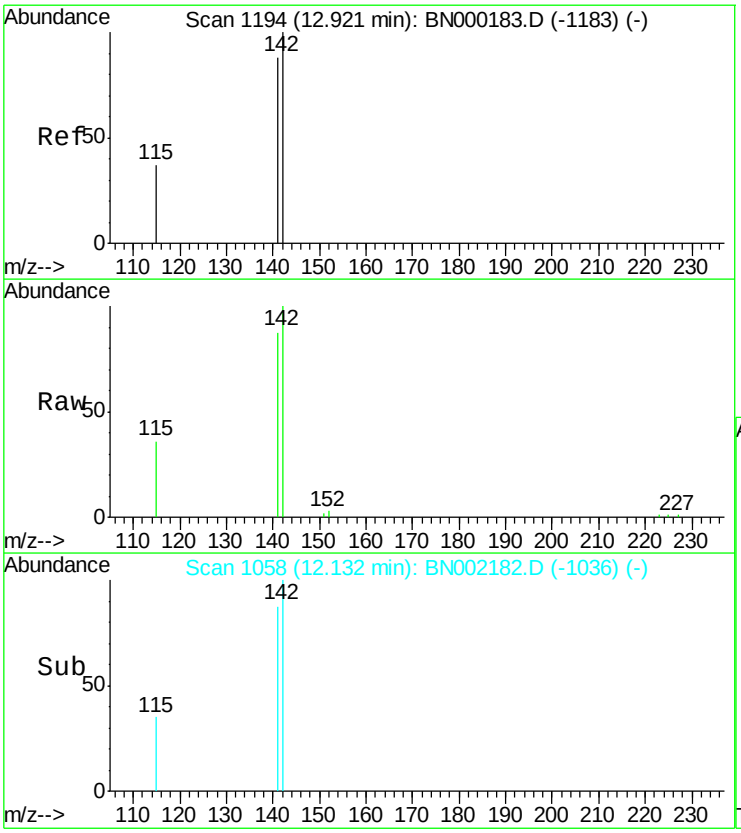
#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5447

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

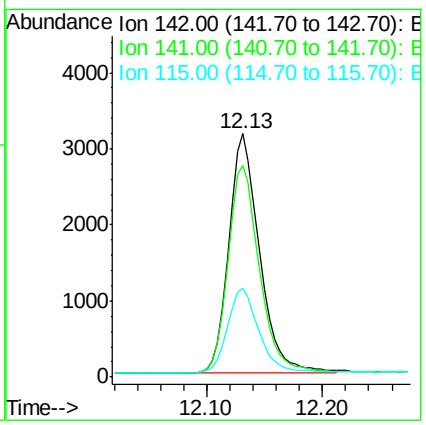


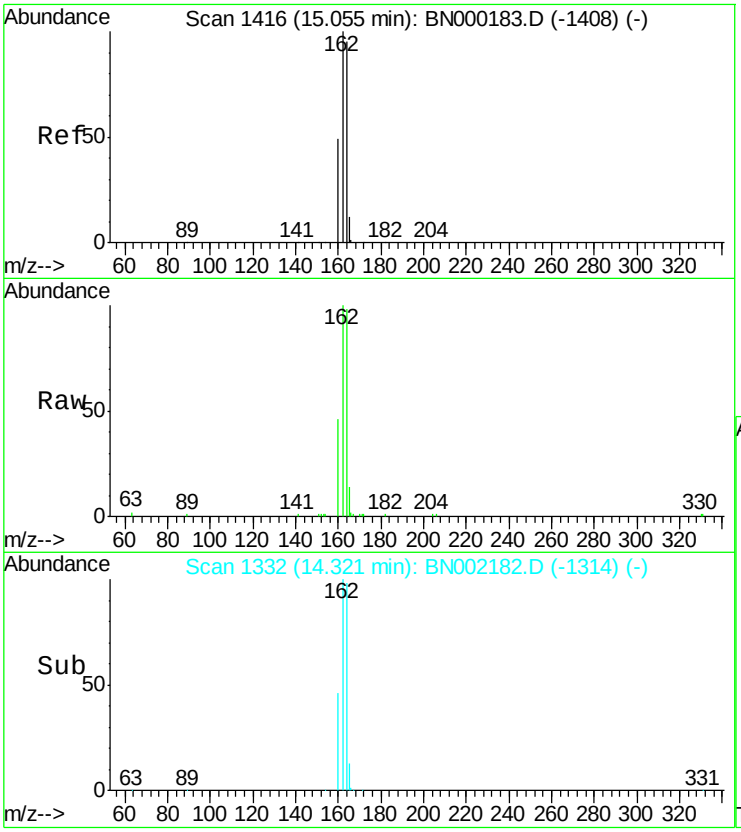


#12
2-Methylnaphthalene
Concen: 0.220 ng
RT: 12.13 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:142 Resp: 5691

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6
115	36.2	31.7	47.5



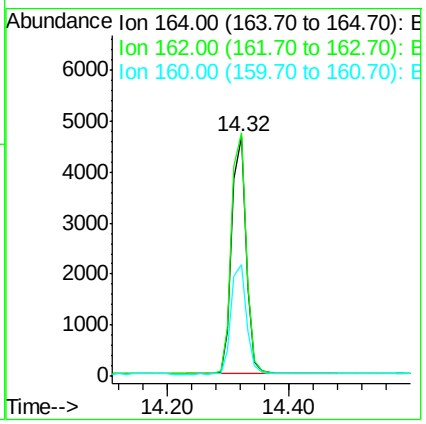


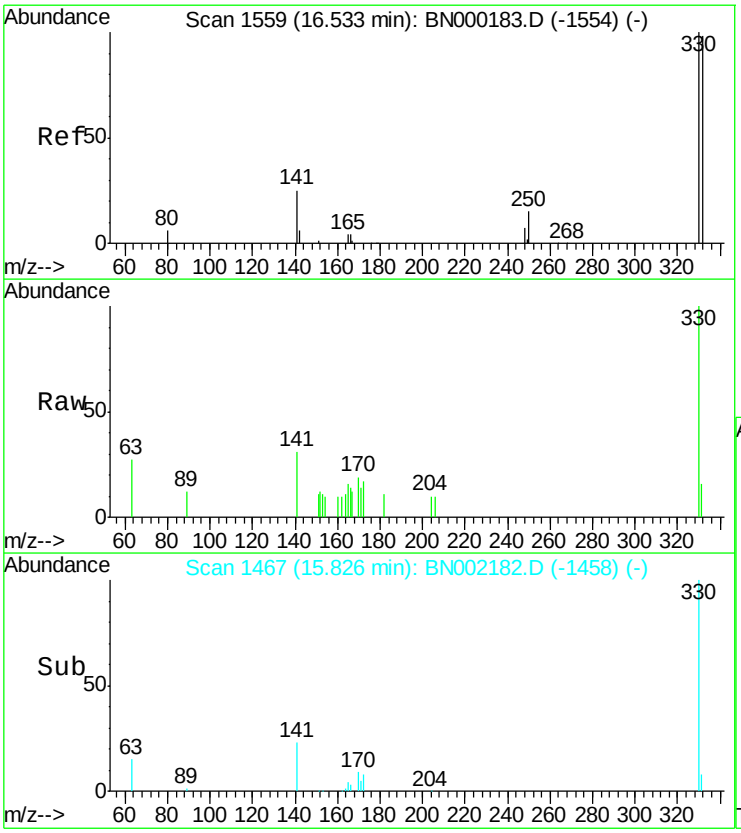
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 7672

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.1	124.7
160	46.8	37.1	55.7

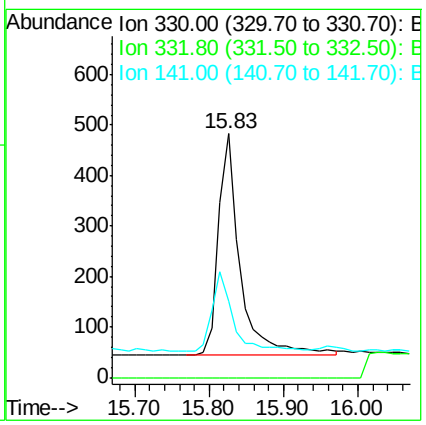


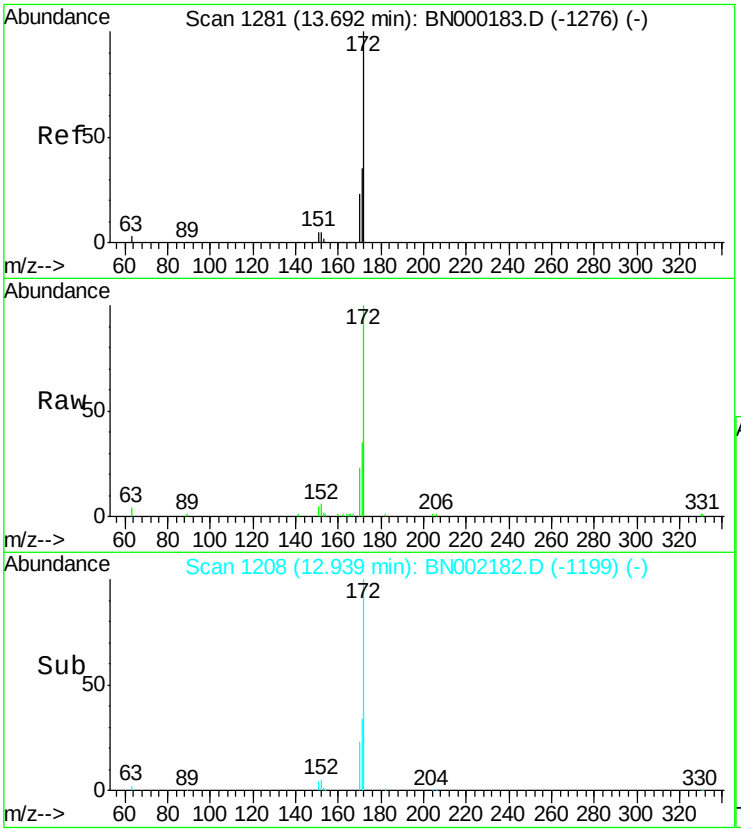


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:330 Resp: 878

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	35.4	33.7	50.5



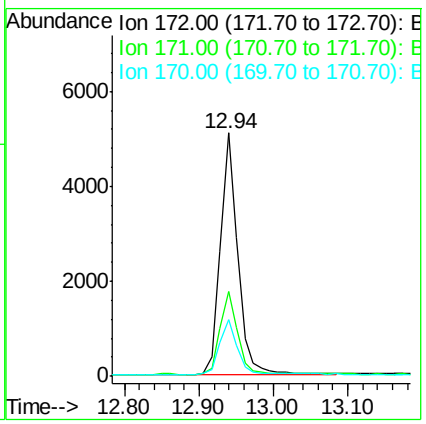


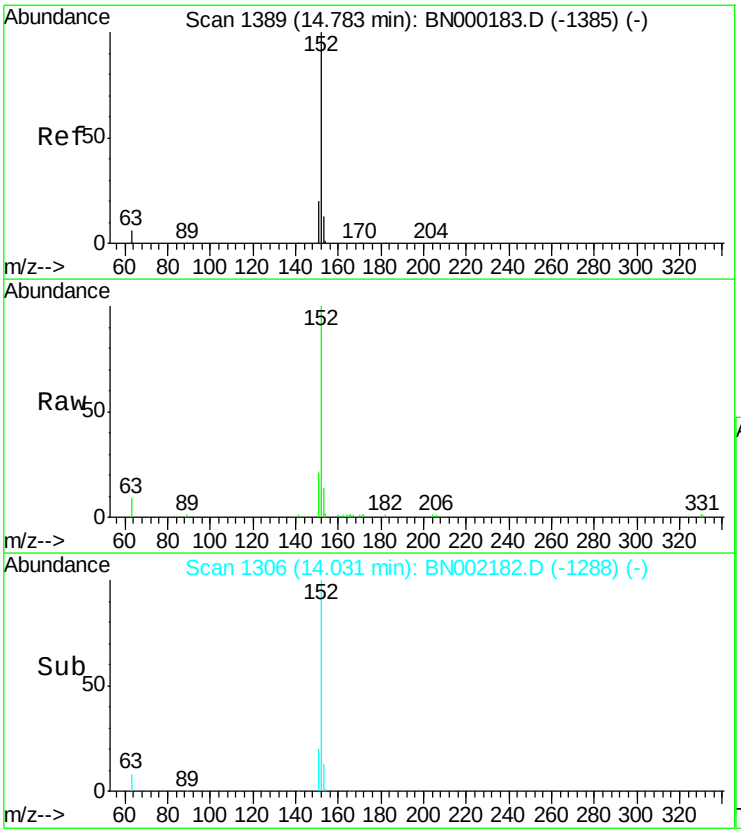
#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 8220

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.4	21.8	32.8

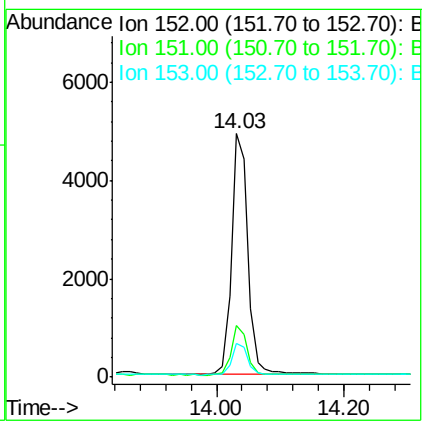


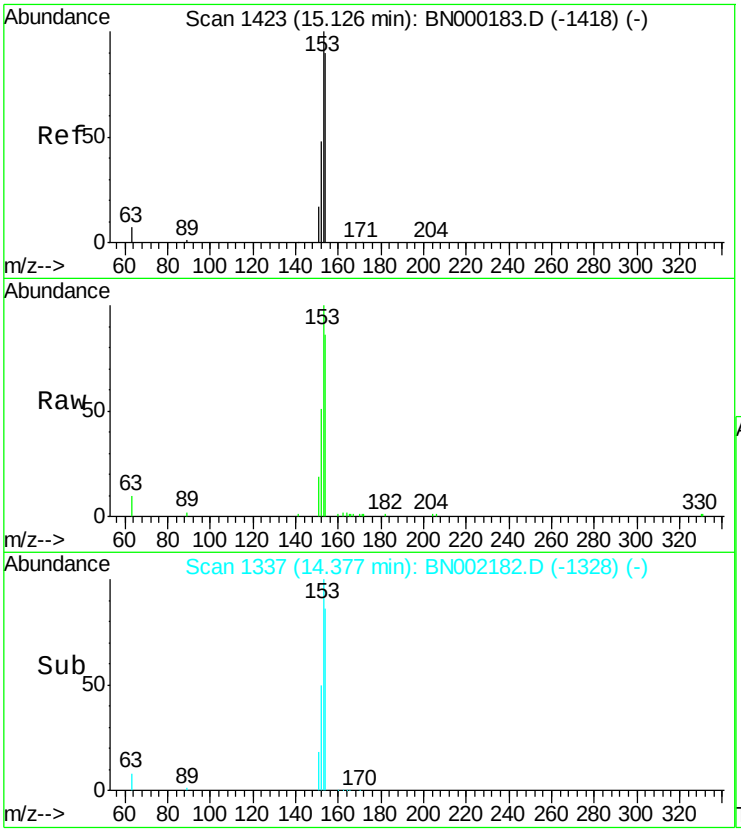


#16
Acenaphthylene
Concen: 0.242 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:152 Resp: 8754

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.2	10.5	15.7



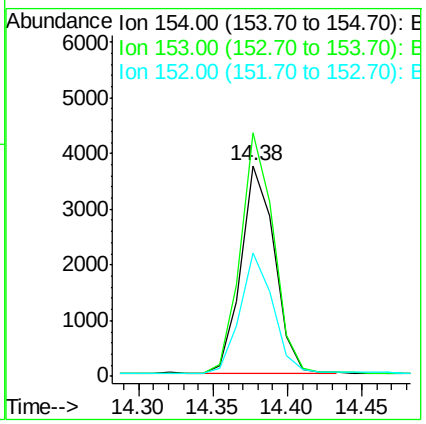


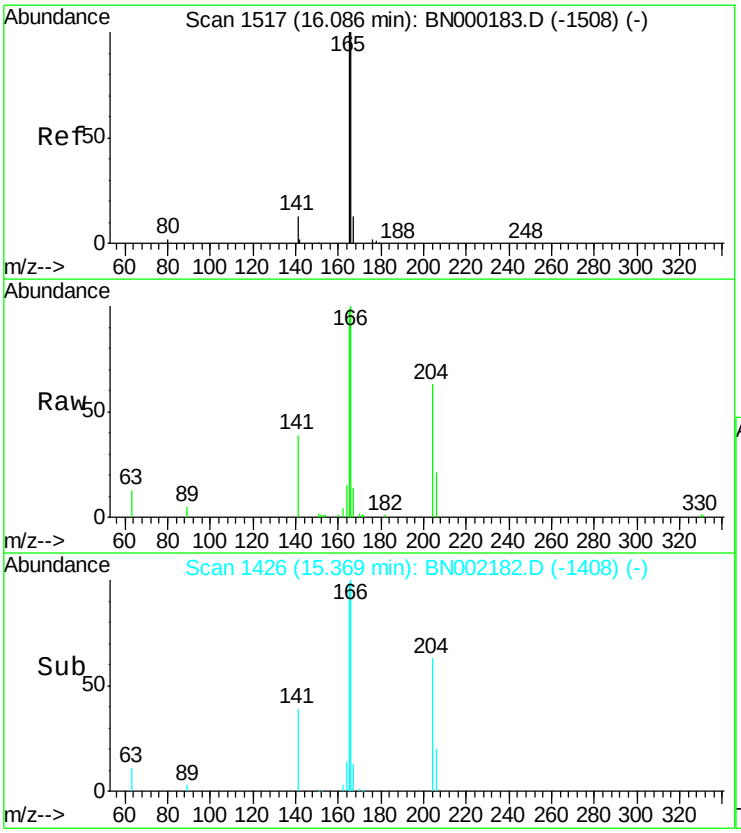
#17
Acenaphthene
Concen: 0.205 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5841

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.2	133.8
152	57.2	42.0	63.0

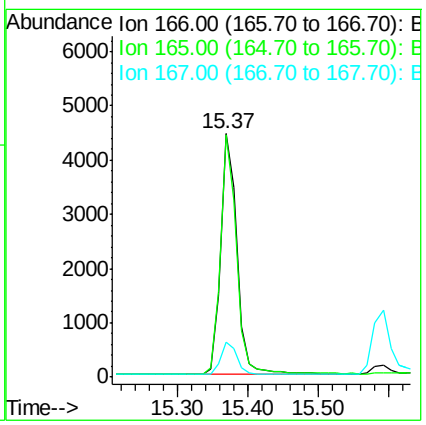


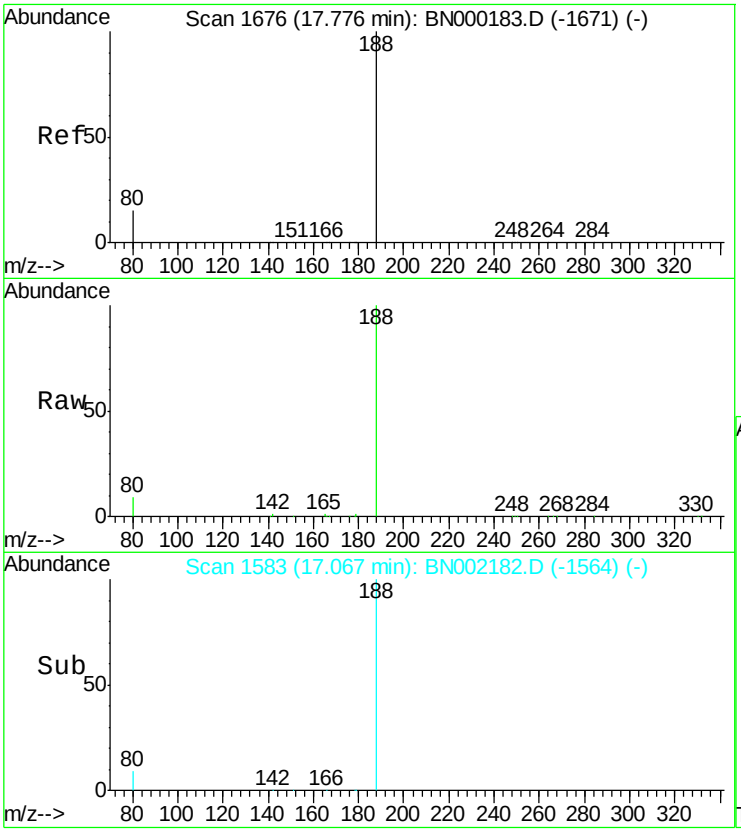


#18
Fluorene
Concen: 0.205 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:166 Resp: 7303

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.4	42.4	63.6#



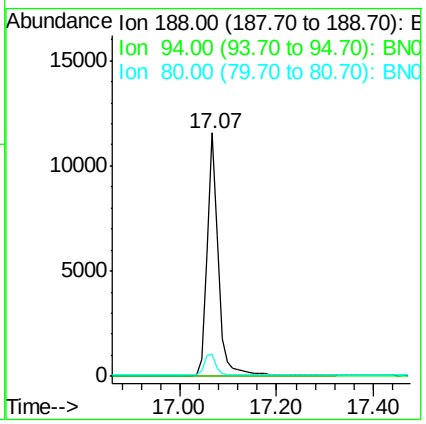


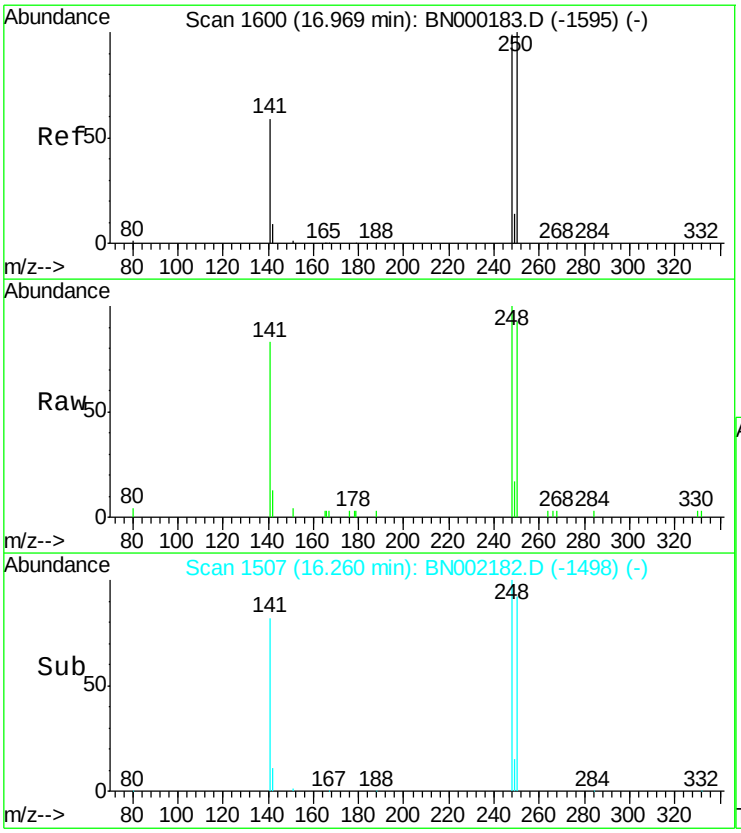
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 18407

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.3	3.6	5.4#

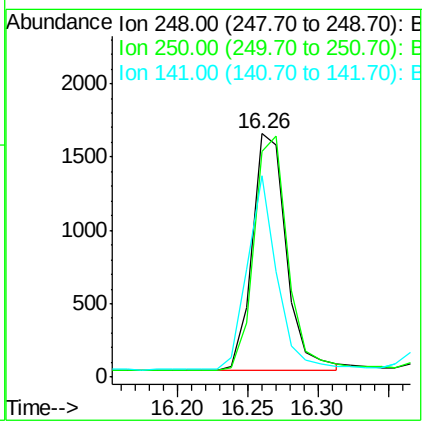


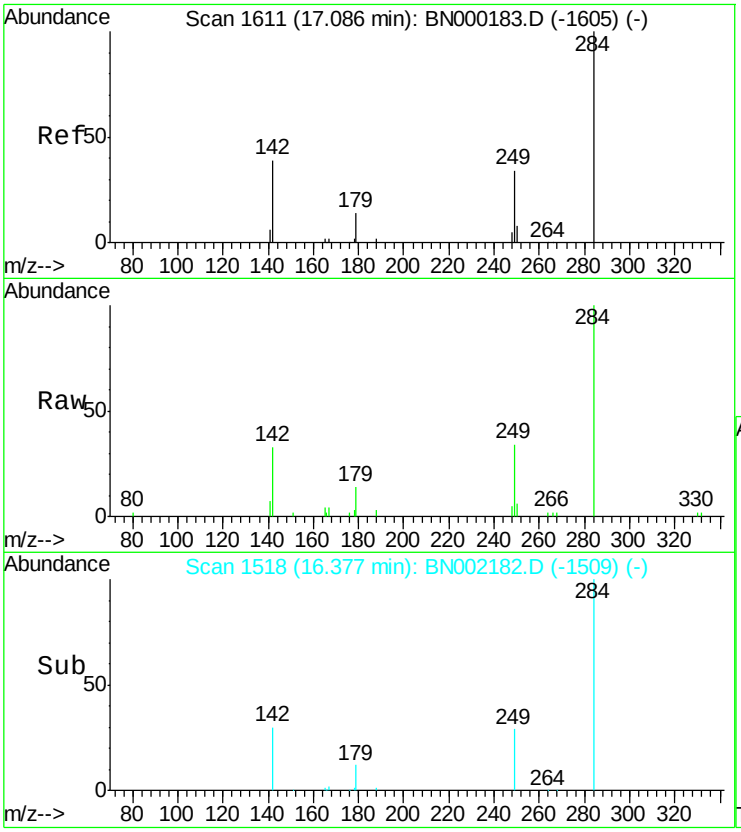


#20
4-Bromophenyl-phenylether
Concen: 0.259 ng
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:248 Resp: 2746

Ion	Ratio	Lower	Upper
248	100		
250	92.8	62.7	94.1
141	82.8	48.2	72.2#



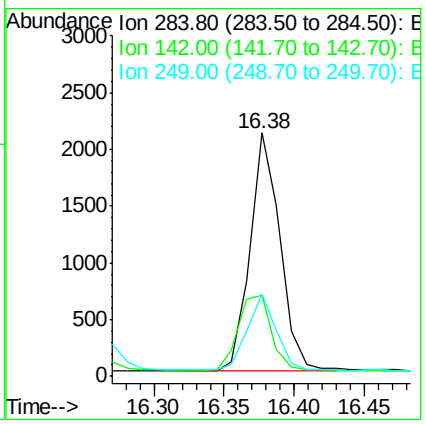


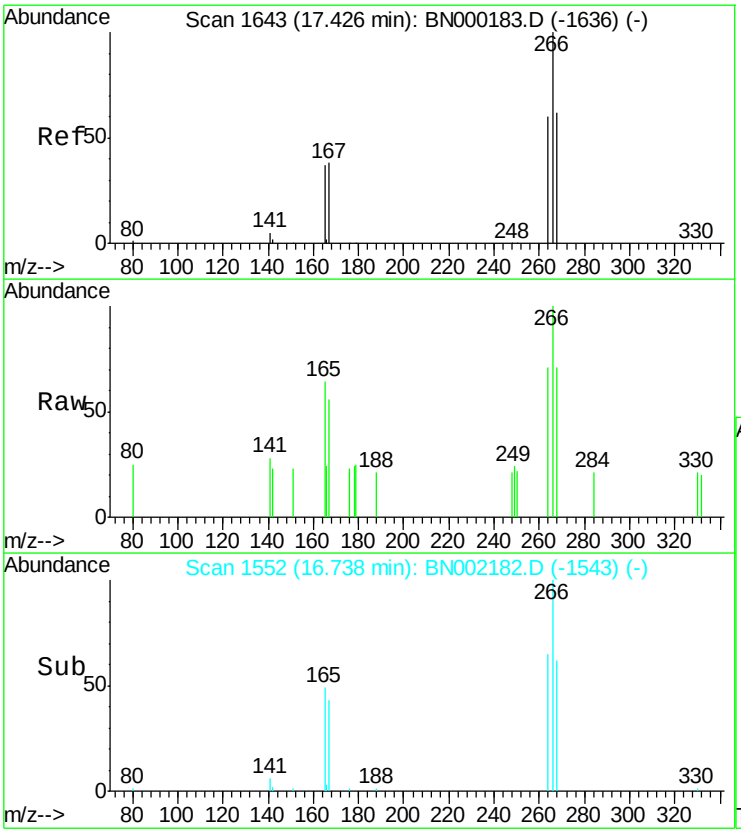
#21
Hexachlorobenzene
Concen: 0.220 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 3124

Ion	Ratio	Lower	Upper
284	100		
142	35.3	32.0	48.0
249	30.3	24.0	36.0

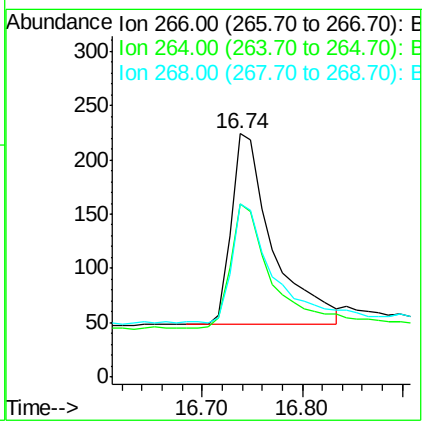


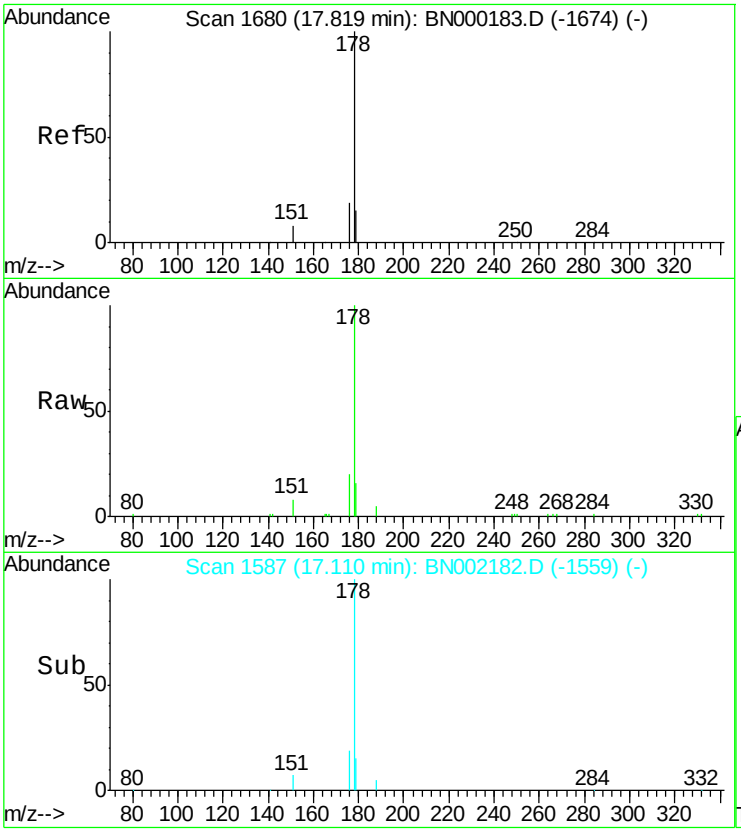


#22
Pentachlorophenol
Concen: 0.134 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:266 Resp: 506

Ion	Ratio	Lower	Upper
266	100		
264	71.4	48.0	72.0
268	71.4	52.0	78.0



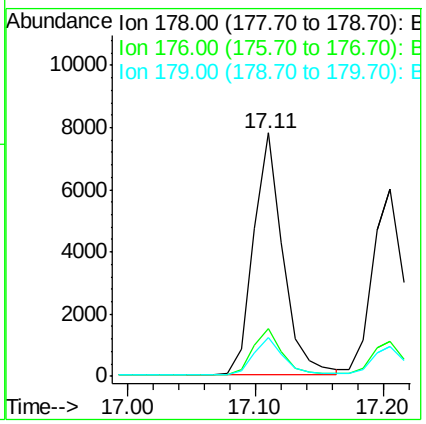


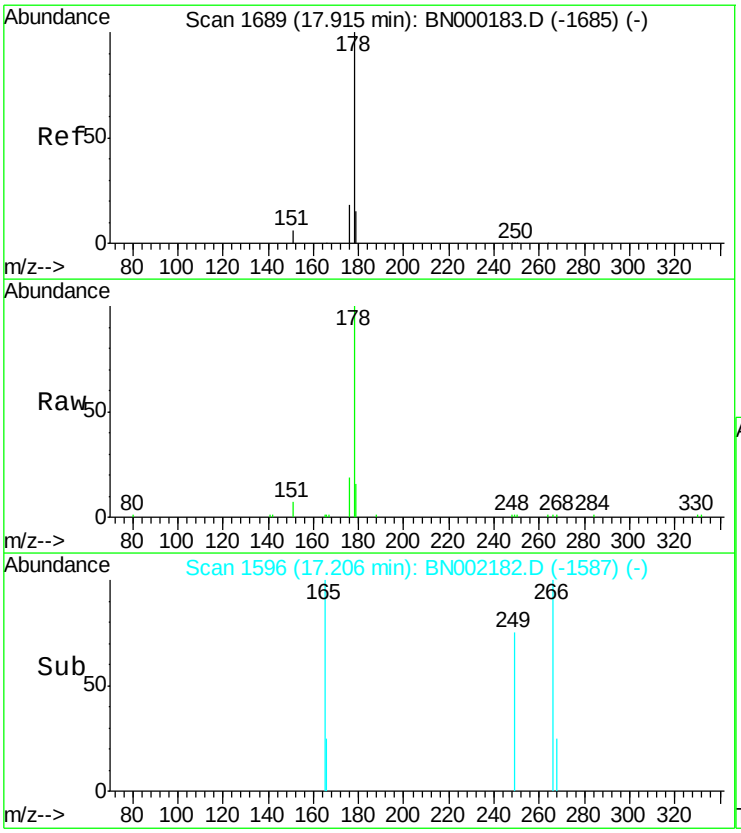
#23
Phenanthrene
Concen: 0.193 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 12480

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	11.8	17.6

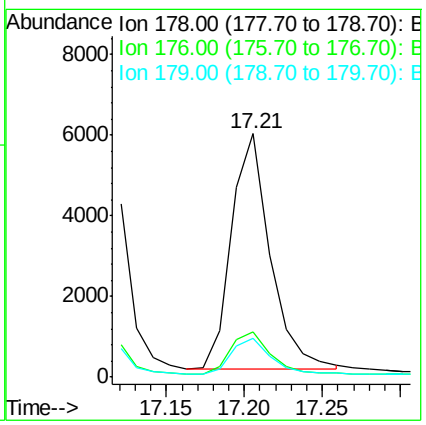


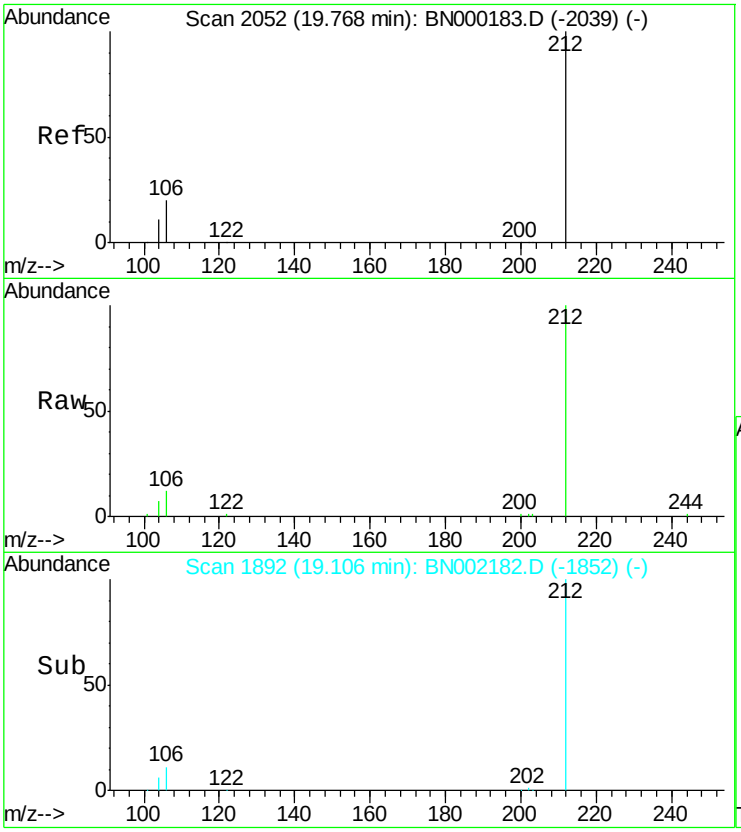


#24
Anthracene
Concen: 0.204 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:178 Resp: 10027

Ion	Ratio	Lower	Upper
178	100		
176	18.2	12.8	19.2
179	15.0	13.0	19.6



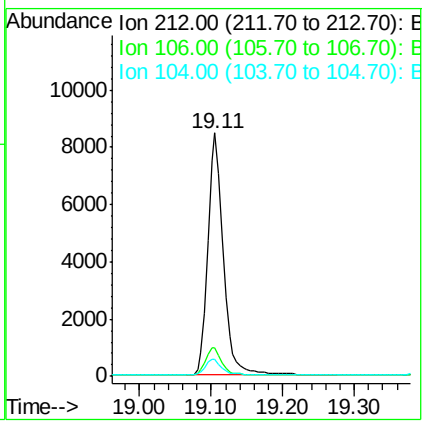


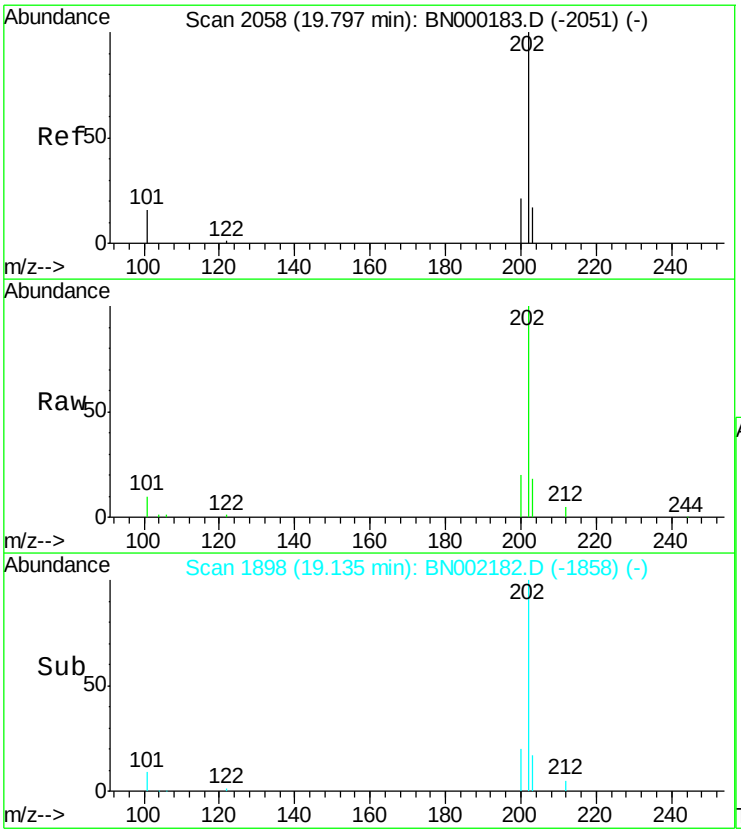
#25
Fluoranthene-d10
Concen: 0.260 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 12794

Ion	Ratio	Lower	Upper
212	100		
106	11.7	2.8	4.2#
104	6.5	1.6	2.4#

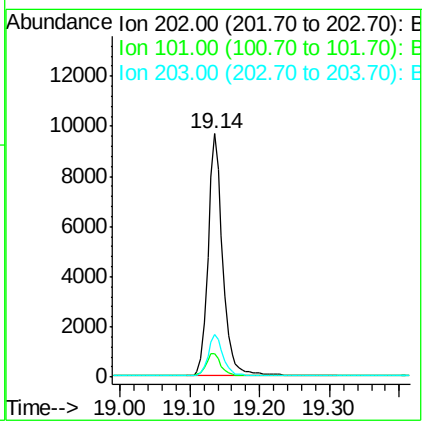


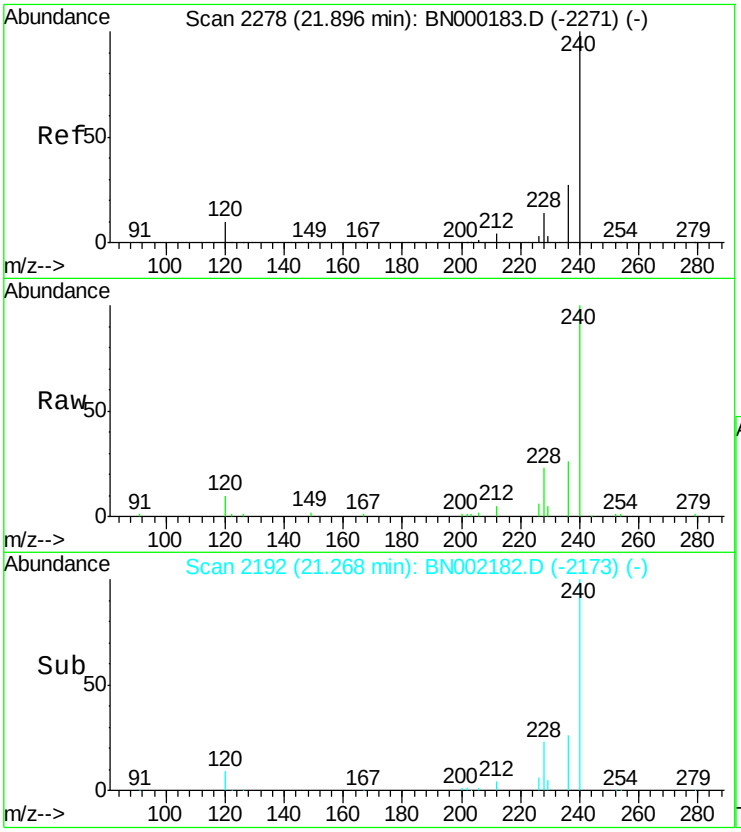


#26
Fluoranthene
Concen: 0.208 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:202 Resp: 13988

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.8	14.8#
203	17.0	13.7	20.5



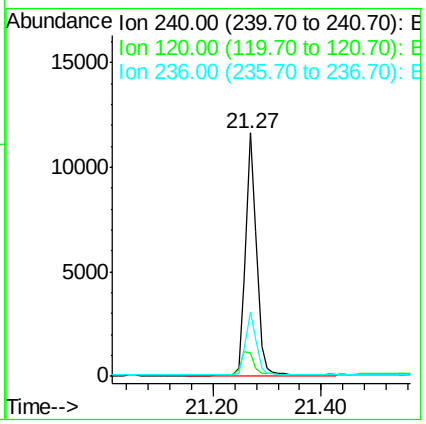


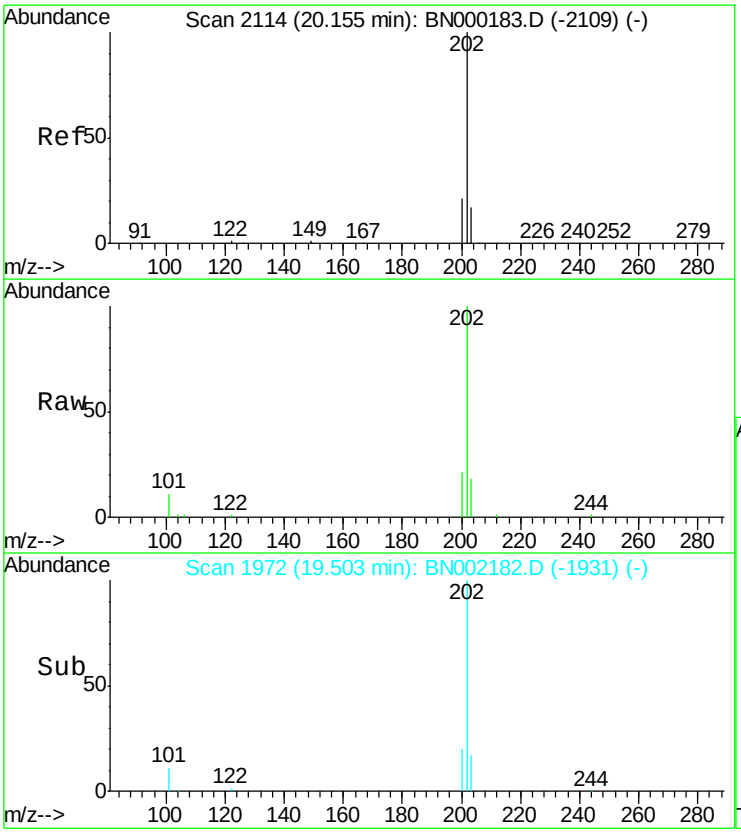
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 16455

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.5	8.3#
236	26.5	20.7	31.1

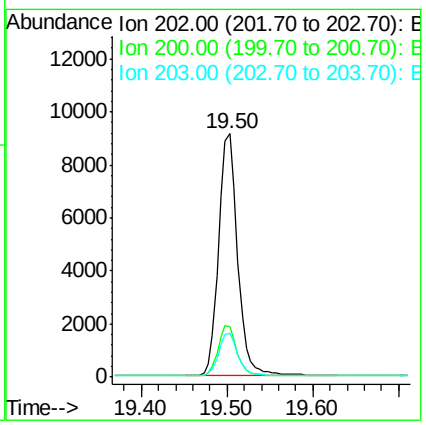


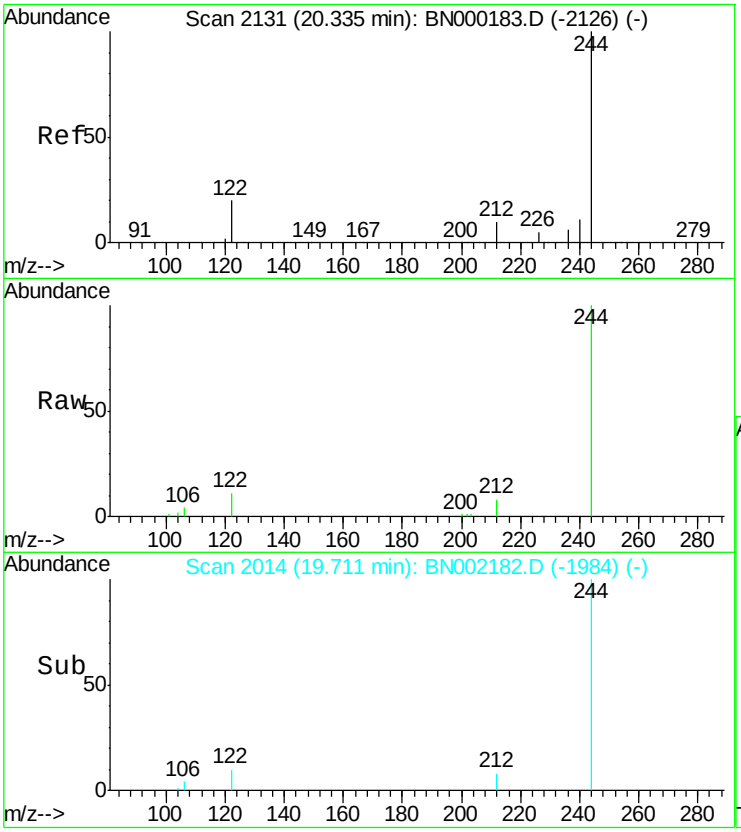


#28
Pyrene
Concen: 0.218 ng
RT: 19.50 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:202 Resp: 14079

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.6	13.8	20.8



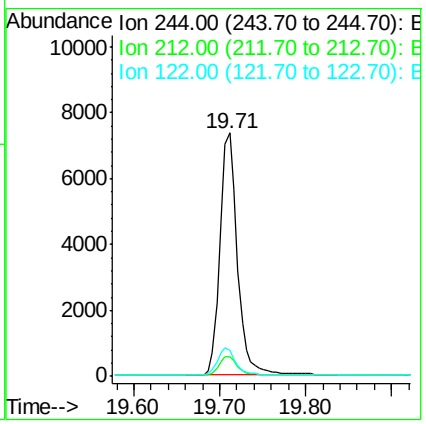


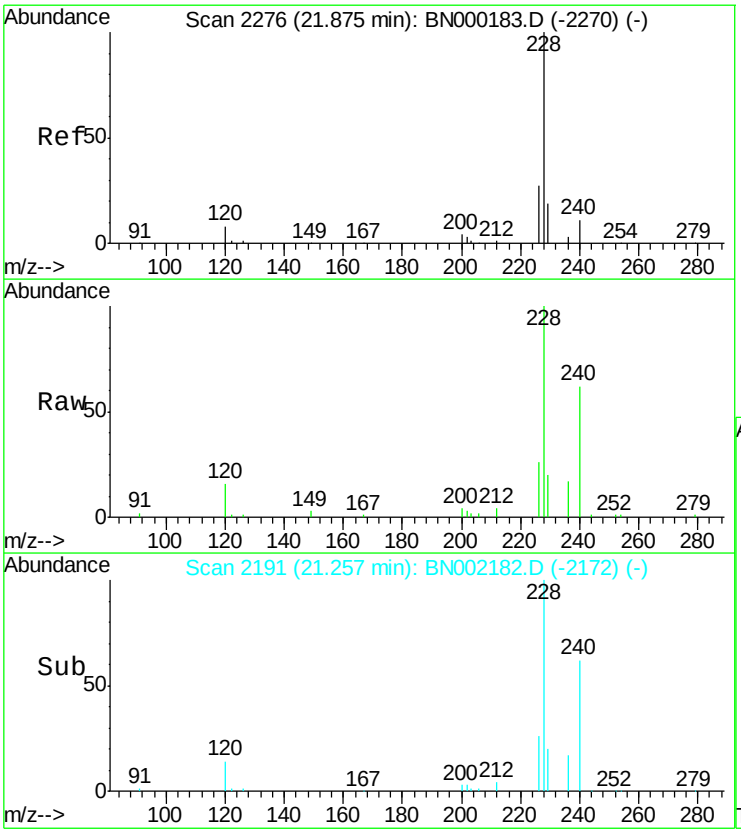
#29
Terphenyl-d14
Concen: 0.359 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 10387

Ion	Ratio	Lower	Upper
244	100		
212	8.2	25.4	38.0#
122	10.8	8.1	12.1

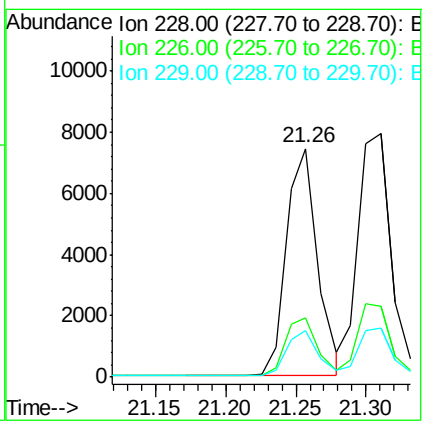


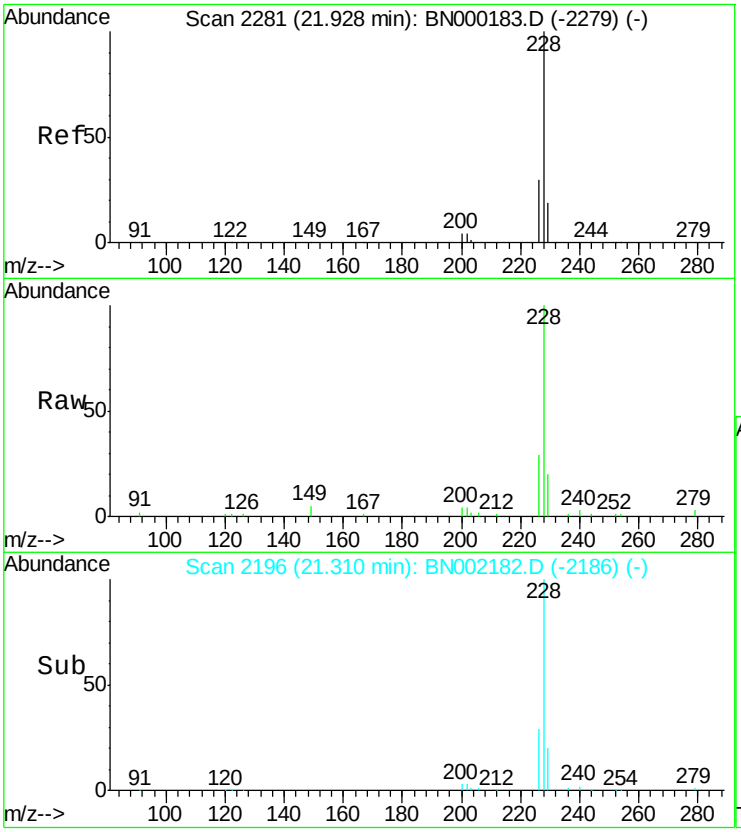


#30
Benzo(a)anthracene
Concen: 0.220 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:228 Resp: 11403

Ion	Ratio	Lower	Upper
228	100		
226	26.2	24.0	36.0
229	20.3	16.0	24.0



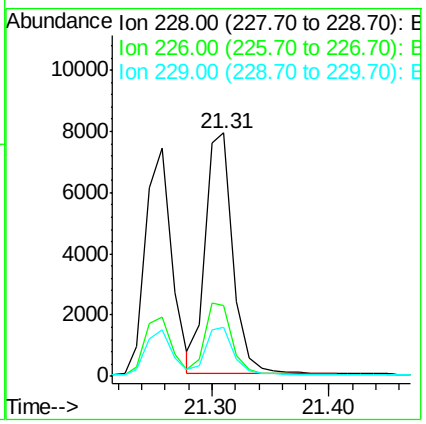


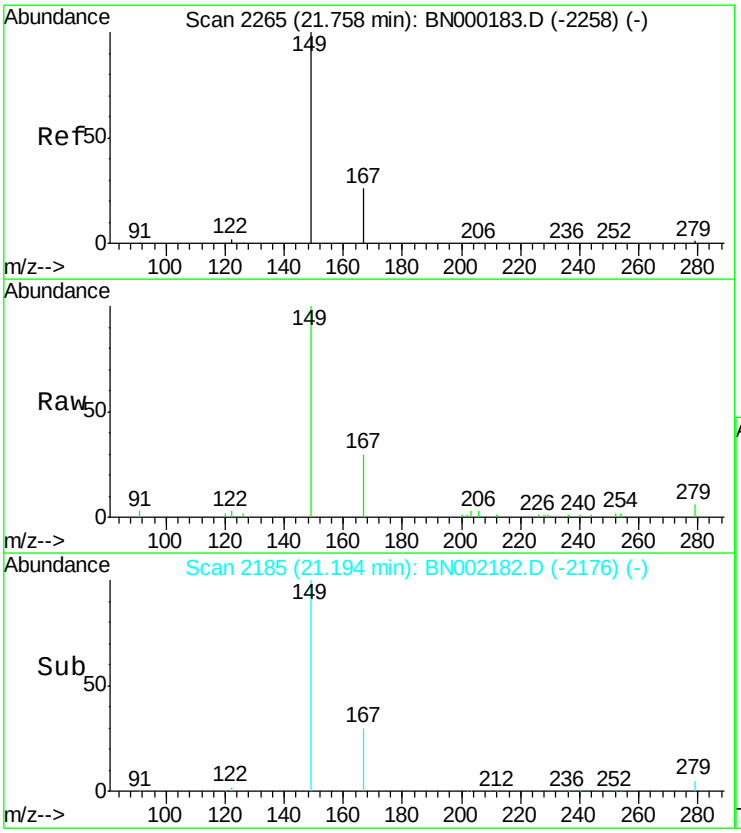
#31
Chrysene
Concen: 0.214 ng
RT: 21.31 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 12957

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.2	16.0	24.0

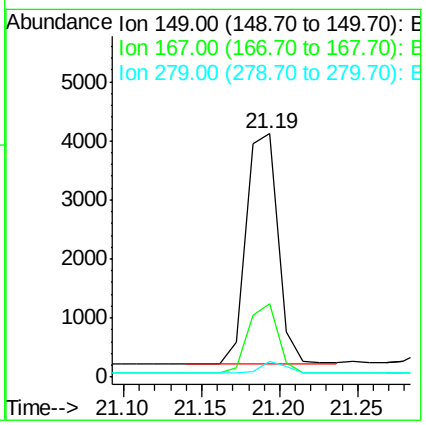


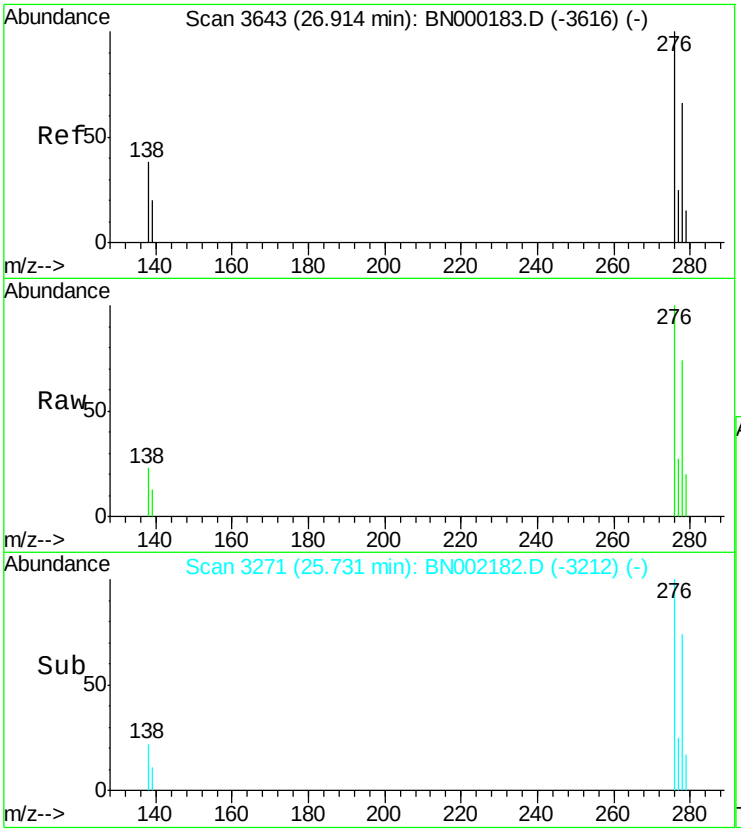


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.19 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:149 Resp: 5510

Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.0	30.0
279	4.5	1.6	2.4#



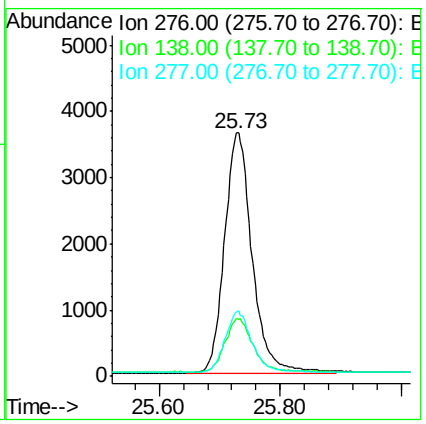


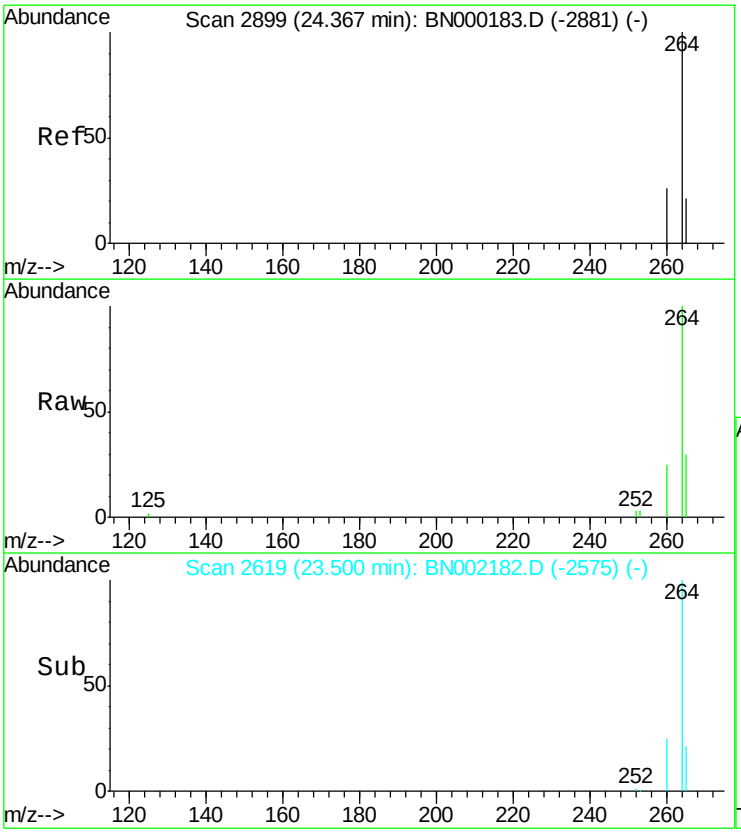
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng
RT: 25.73 min Scan# 3271
Delta R.T. 0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 11496

Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.5	33.7#
277	24.8	19.9	29.9

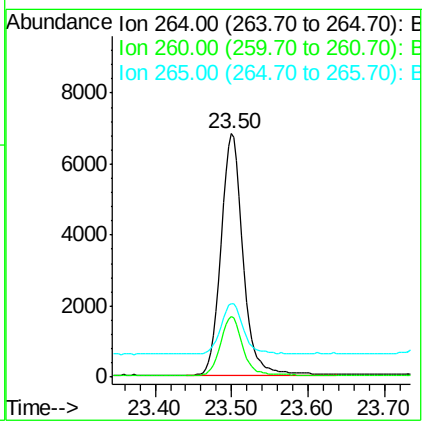


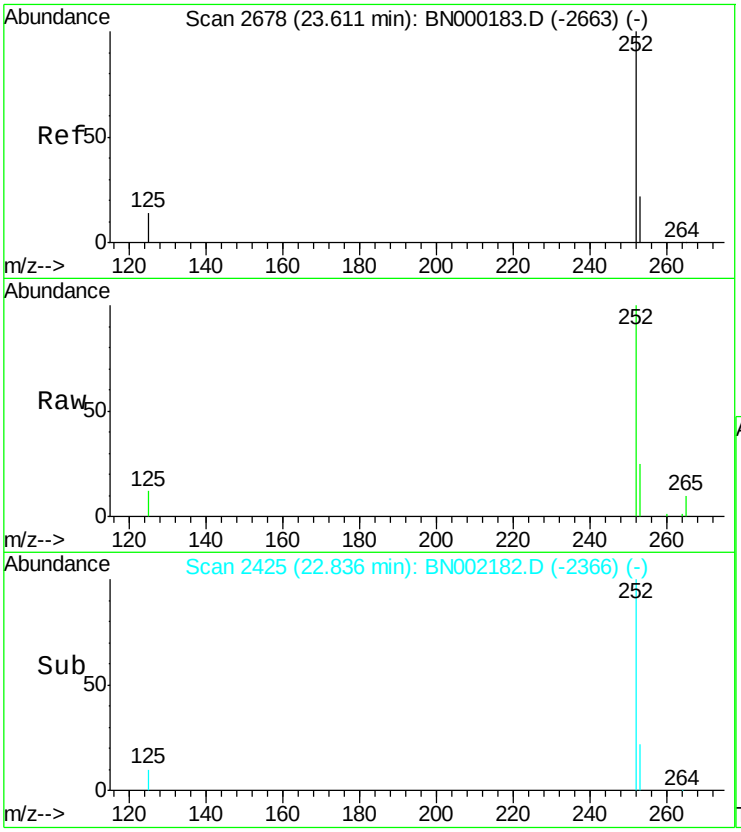


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:264 Resp: 13801

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	30.2	22.8	34.2



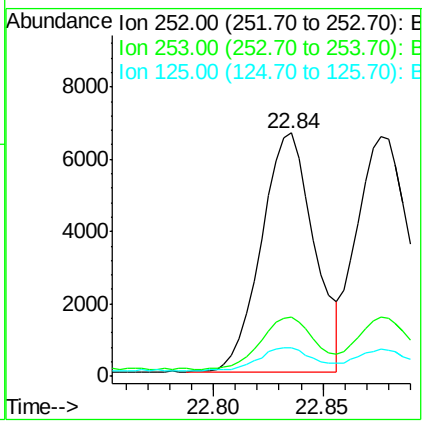


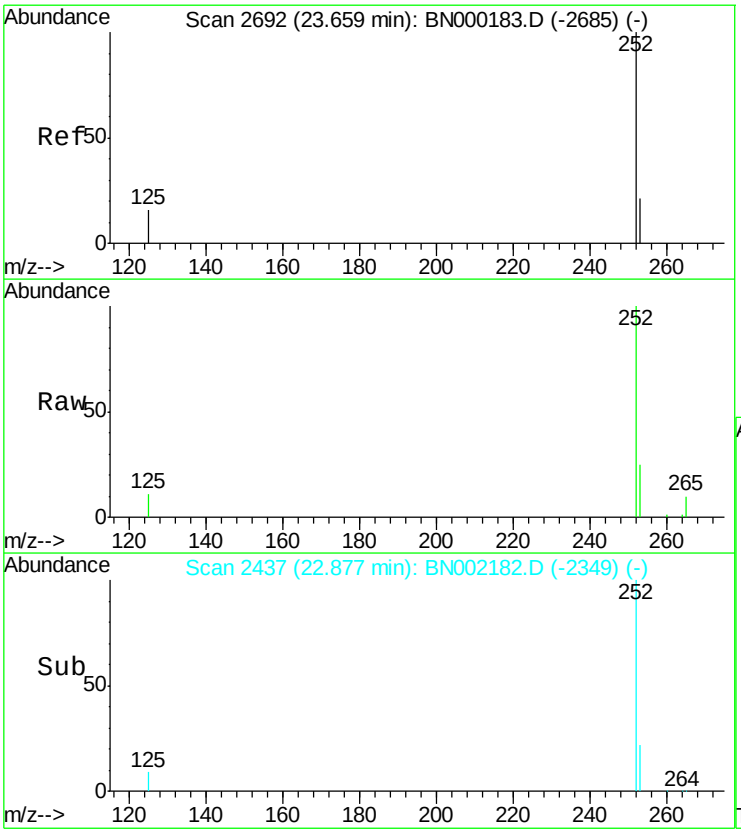
#35
Benzo(b)fluoranthene
Concen: 0.177 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 11153

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.0	30.0
125	11.9	16.0	24.0#

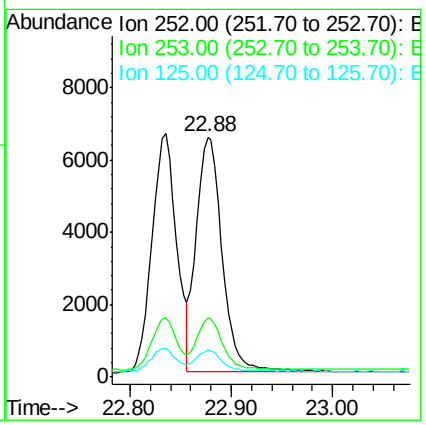


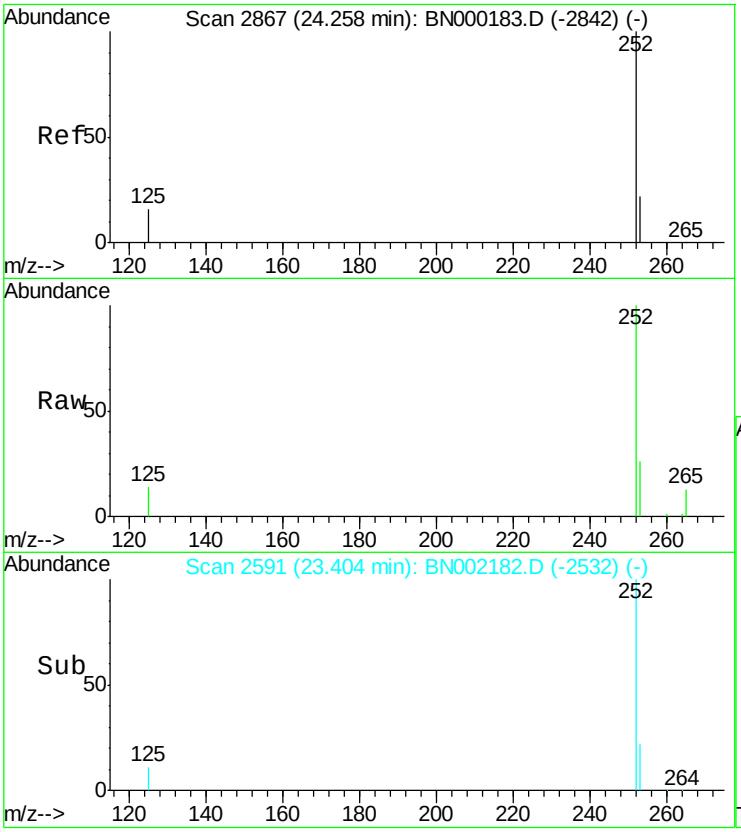


#36
Benzo(k)fluoranthene
Concen: 0.187 ng
RT: 22.88 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:252 Resp: 11501

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.0	24.0#
125	11.1	8.0	12.0



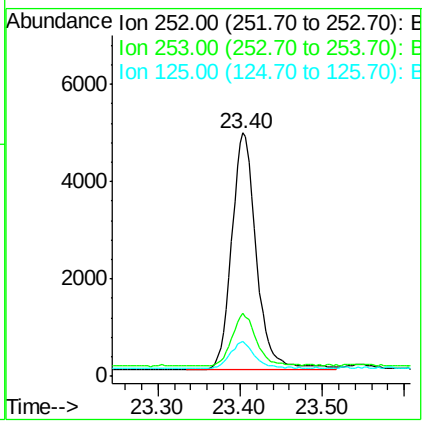


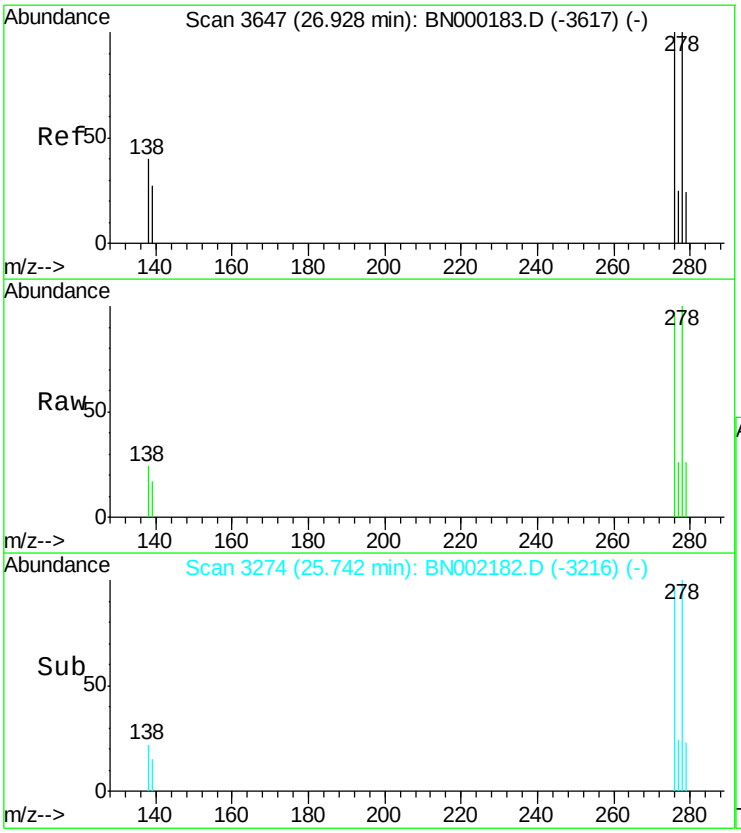
#37
Benzo(a)pyrene
Concen: 0.198 ng
RT: 23.40 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 10186

Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.0	24.0#
125	14.3	12.0	18.0

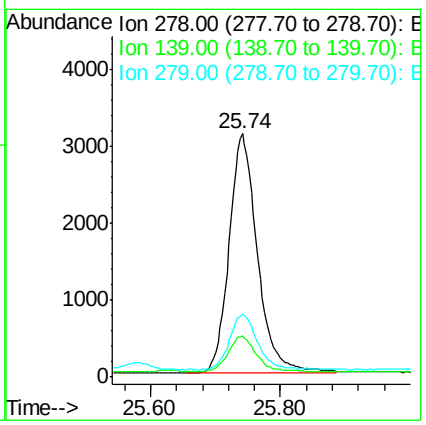


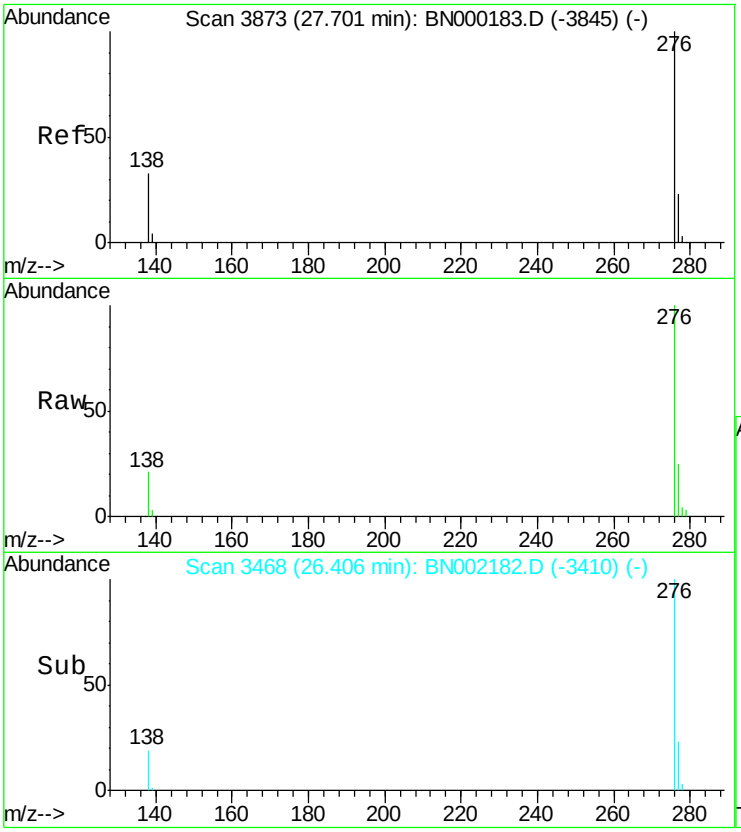


#38
Dibenzo(a,h)anthracene
Concen: 0.207 ng
RT: 25.74 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Tgt Ion:278 Resp: 9463

Ion	Ratio	Lower	Upper
278	100		
139	16.9	16.0	24.0
279	26.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.182 ng
RT: 26.41 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BN002182.D
Acq: 30 Jul 2018 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 9836

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	21.0	20.0	30.0