Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002185.D
Acq On : 30 Jul 2018 13:57
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Jul 30 14:38:27 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	3126	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	12895	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	7241	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	14173	0.40	ng		0.00
27) Chrysene-d12	21.27	240	12429	0.40	ng		0.00
34) Perylene-d12	23.50	264	10573	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	11797	1.79	ng		0.00
5) Phenol-d6	6.87	99	14819	1.77	ng		0.00
8) Nitrobenzene-d5	8.83	82	16079	2.10	ng		-0.01
11) 2-Methylnaphthalene-d10	12.06	152	30303	1.56	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	5037	2.19	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	43986	1.28	ng		0.00
25) Fluoranthene-d10	19.10	212	53205	1.40	ng		0.00
29) Terphenyl-d14	19.71	244	40983	1.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	5237	1.617	ng		98
3) n-Nitrosodimethylamine	3.59	42	4557	2.069	ng	#	95
6) bis(2-Chloroethyl)ether	7.13	93	13864	1.301	ng	#	87
9) Naphthalene	10.52	128	46262	1.228	ng		97
10) Hexachlorobutadiene	10.80	225	9753	1.525	ng	#	55
12) 2-Methylnaphthalene	12.13	142	32275	1.307	ng		98
16) Acenaphthylene	14.03	152	51683	1.514	ng		100
17) Acenaphthene	14.38	154	32127	1.194	ng		97
18) Fluorene	15.37	166	38989	1.162	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	13825	1.693	ng	#	84
21) Hexachlorobenzene	16.38	284	14705	1.346	ng		95
22) Pentachlorophenol	16.73	266	3424	1.173	ng		98
23) Phenanthrene	17.11	178	57933	1.162	ng		99
24) Anthracene	17.20	178	50275	1.329	ng		97
26) Fluoranthene	19.14	202	59735	1.155	ng	#	97
28) Pyrene	19.50	202	58208	1.193	ng		99
30) Benzo(a)anthracene	21.25	228	49784	1.271	ng		96
31) Chrysene	21.30	228	53336	1.166	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	20589	1.413	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.72	276	56520	1.323	ng	#	94
35) Benzo(b)fluoranthene	22.83	252	48949	1.014	ng	#	87
36) Benzo(k)fluoranthene	22.87	252	51503	1.091	ng		96
37) Benzo(a)pyrene	23.40	252	45702	1.162	ng	#	92
38) Dibenzo(a,h)anthracene	25.73	278	47214	1.348	ng	#	93
39) Benzo(g,h,i)perylene	26.40	276	47522	1.150	ng	#	90

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

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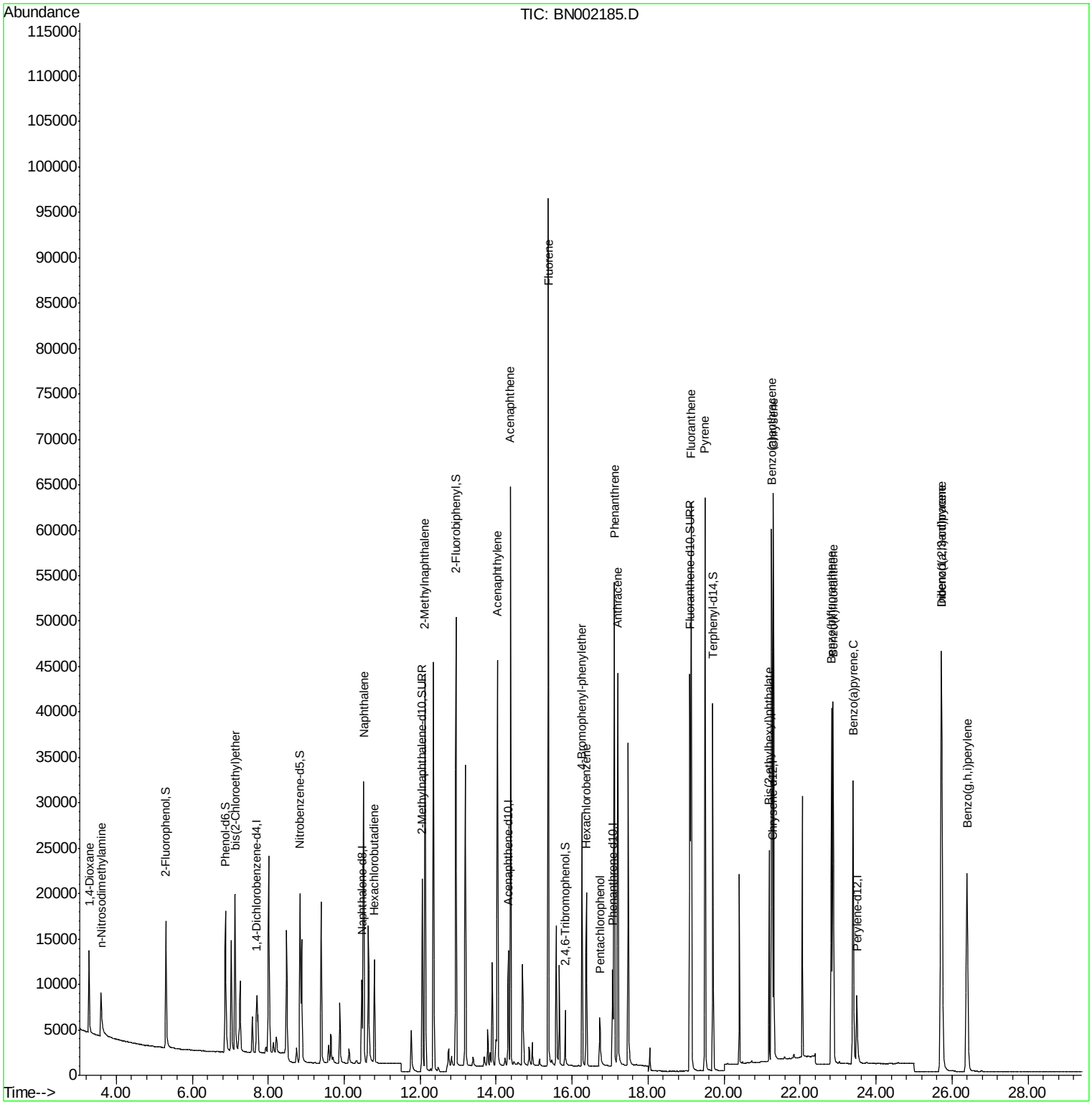
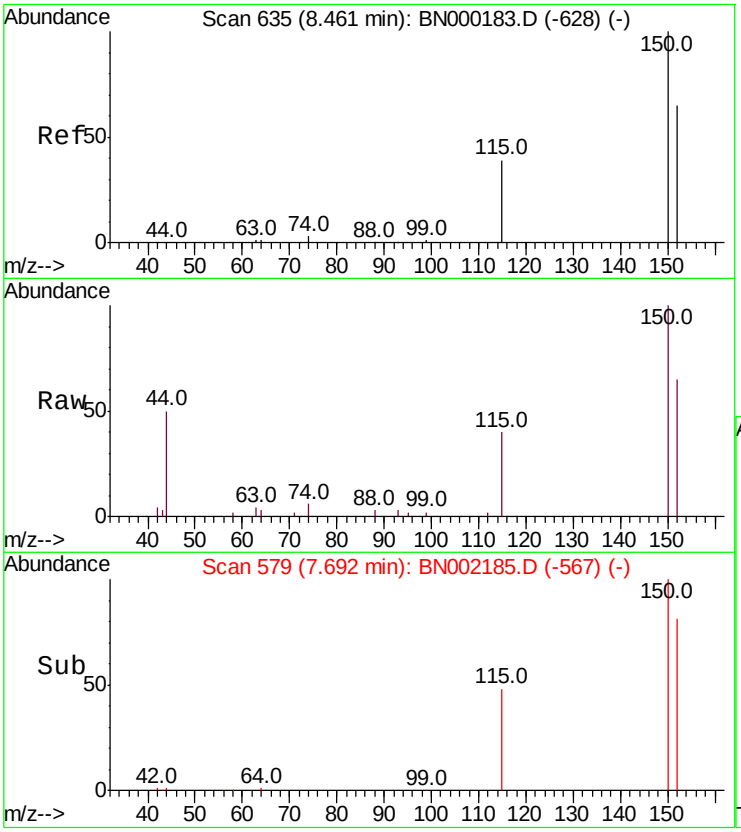
Acq On : 30 Jul 2018 13:57
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jul 30 14:38:27 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



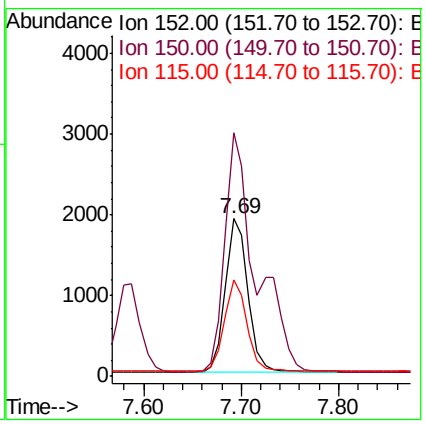


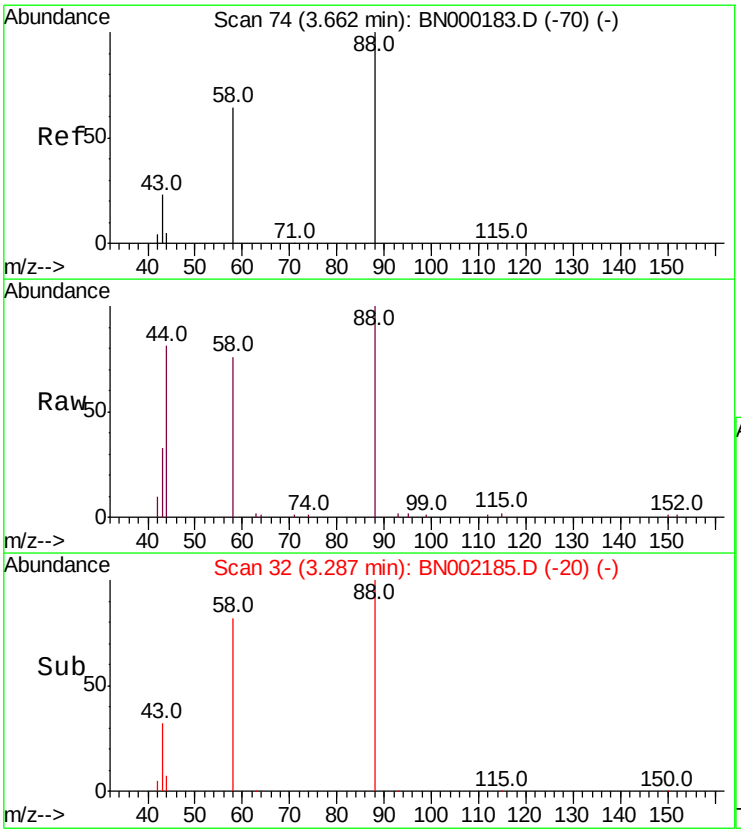
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 3126

Ion	Ratio	Lower	Upper
152	100		
150	154.8	117.2	175.8
115	61.2	57.0	85.6

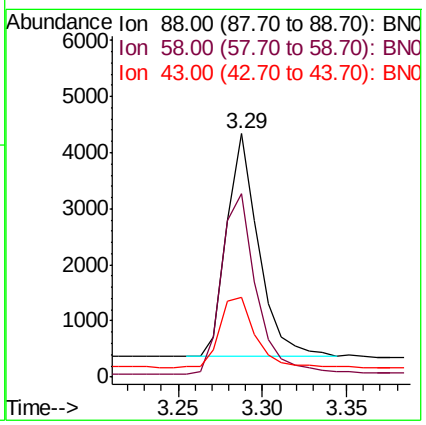


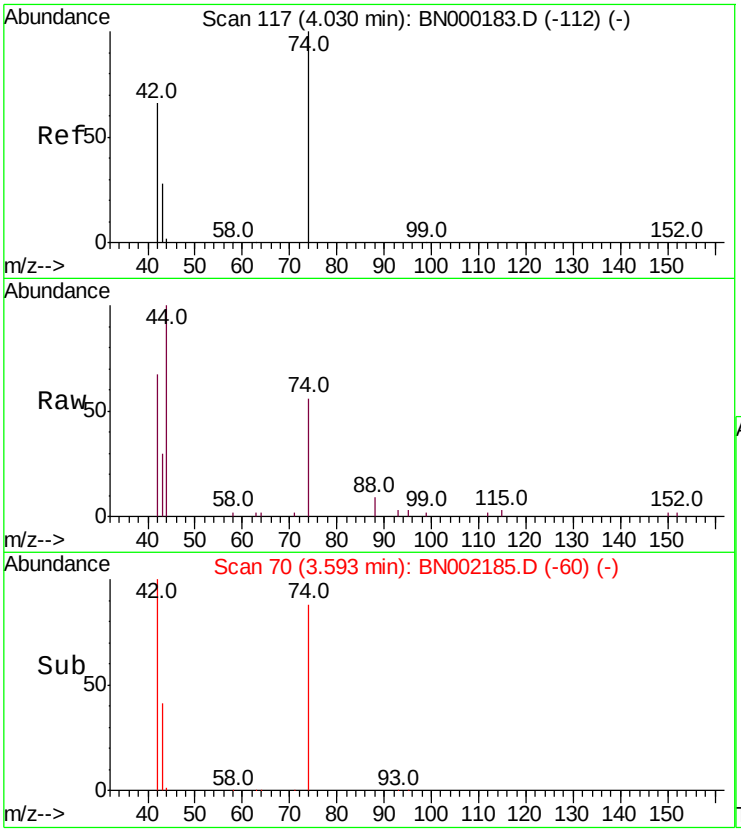


#2
1,4-Dioxane
Concen: 1.617 ng
RT: 3.29 min Scan# 32
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion: 88 Resp: 5237

Ion	Ratio	Lower	Upper
88	100		
58	88.3	72.0	108.0
43	35.4	28.0	42.0



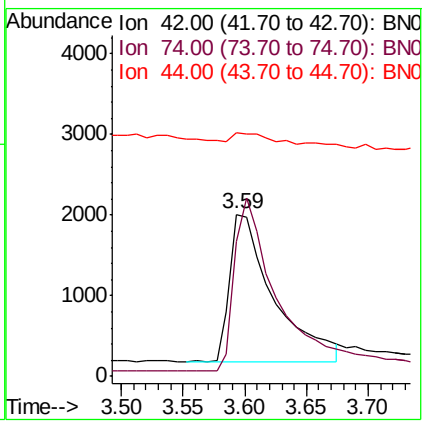


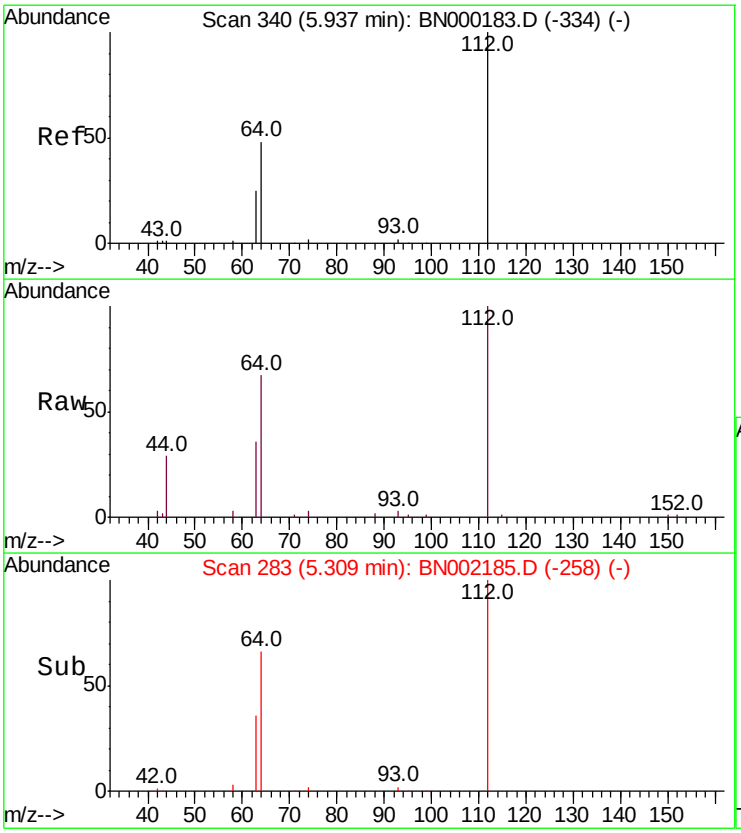
#3
n-Nitrosodimethylamine
Concen: 2.069 ng
RT: 3.59 min Scan# 70
Delta R.T. -0.02 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4557

Ion	Ratio	Lower	Upper
42	100		
74	111.1	88.0	132.0
44	6.8	16.0	24.0#

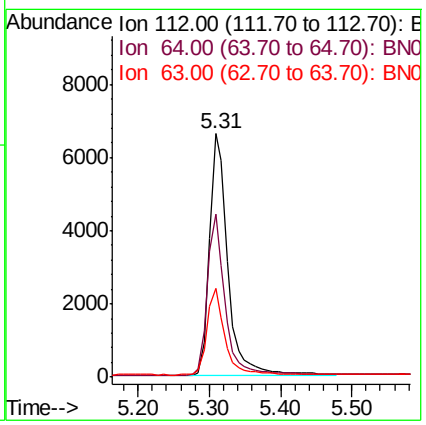


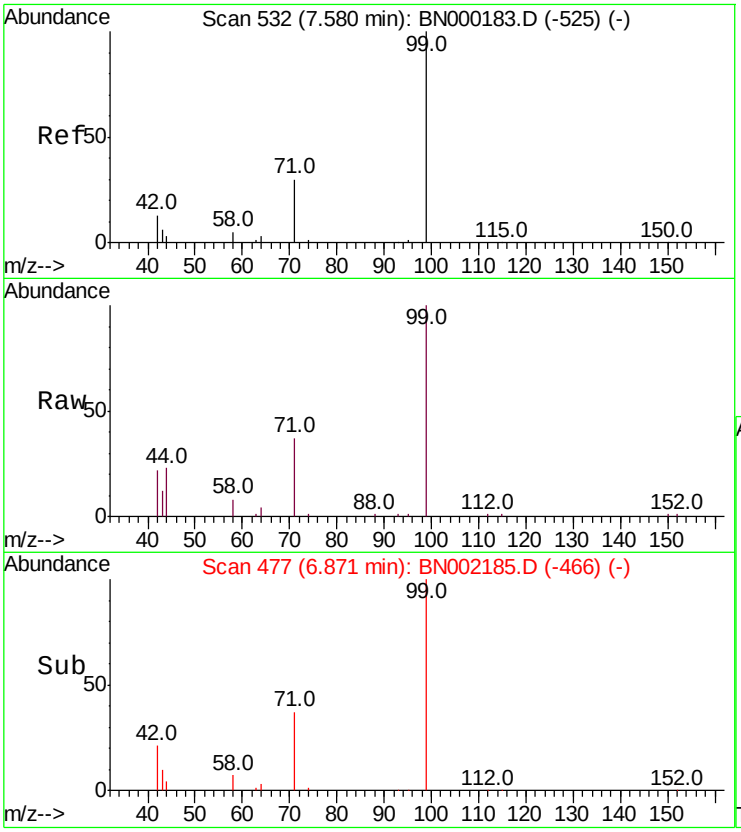


#4
2-Fluorophenol
Concen: 1.787 ng
RT: 5.31 min Scan# 283
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:112 Resp: 11797

Ion	Ratio	Lower	Upper
112	100		
64	64.7	60.1	90.1
63	35.0	116.8	175.2#



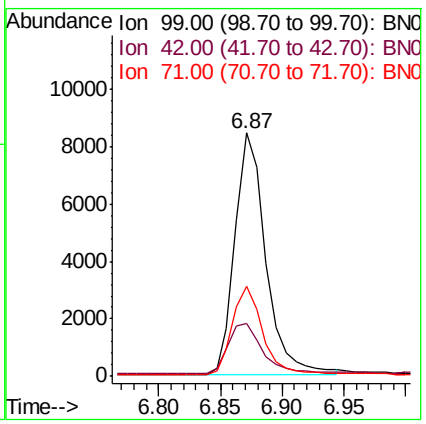


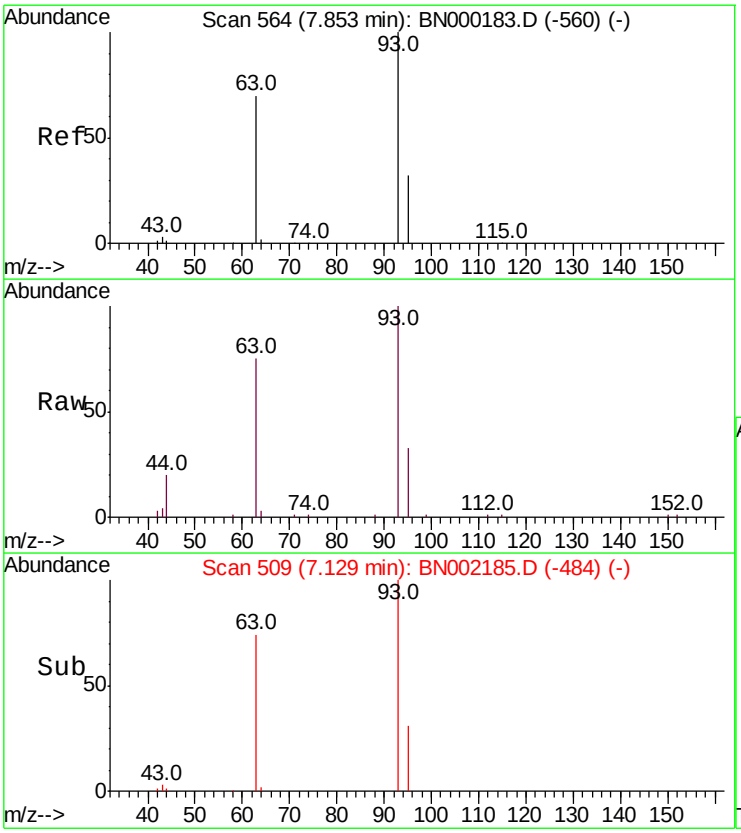
#5
Phenol-d6
Concen: 1.767 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 14819

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.2	30.2
71	36.1	28.4	42.6

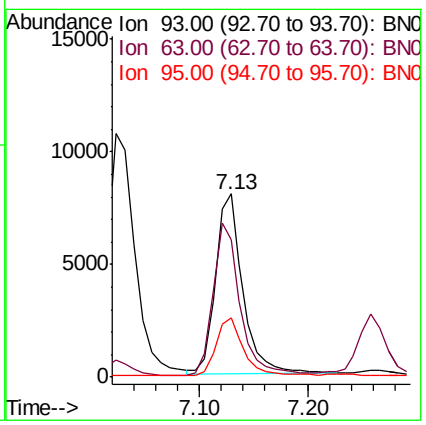


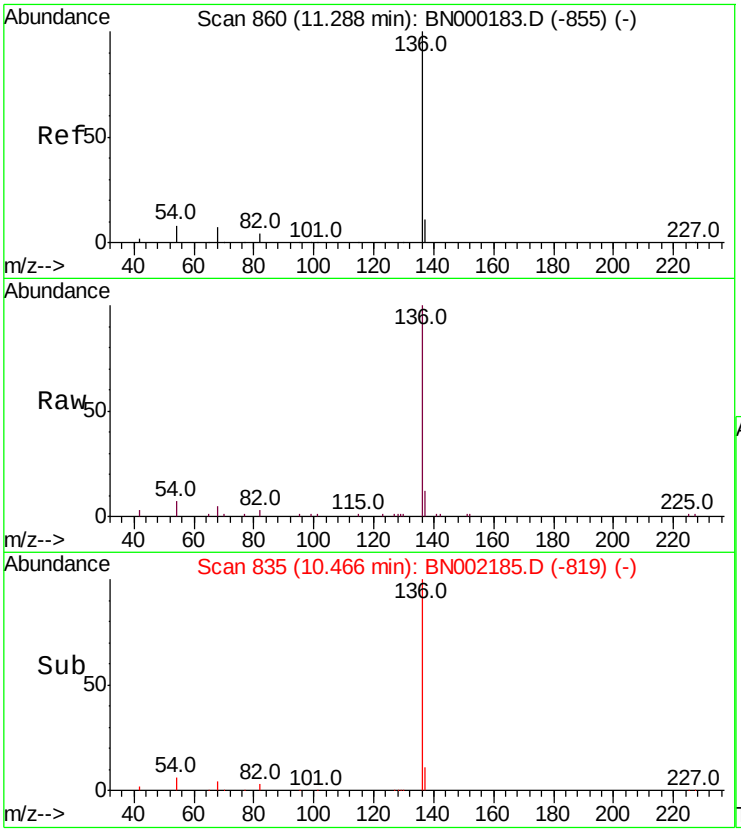


#6
bis(2-Chloroethyl)ether
Concen: 1.301 ng
RT: 7.13 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion: 93 Resp: 13864

Ion	Ratio	Lower	Upper
93	100		
63	84.2	56.0	84.0#
95	32.8	25.2	37.8



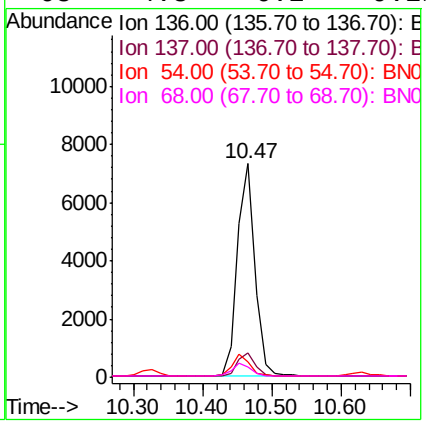


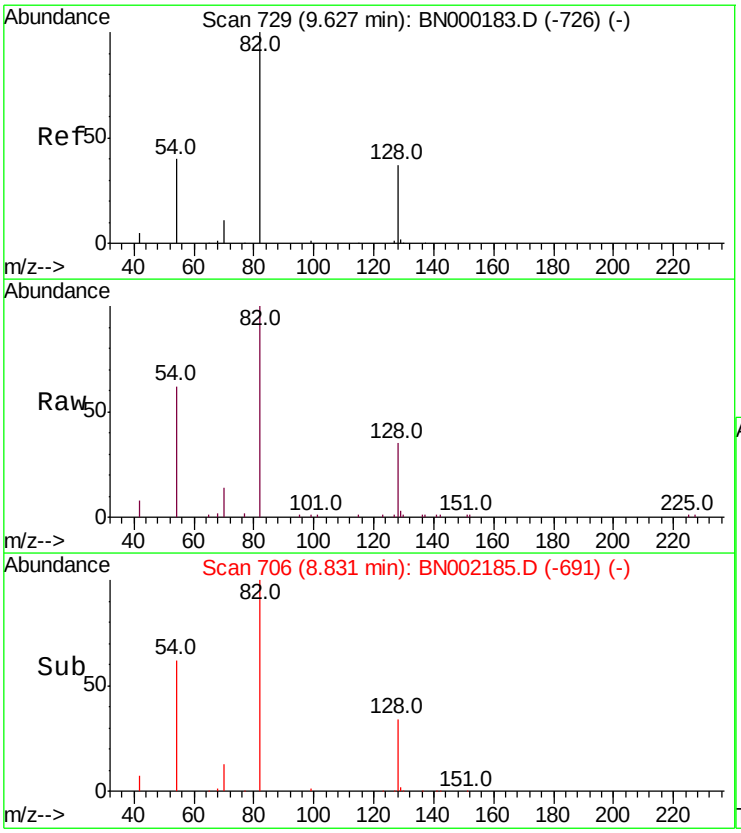
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 12895

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	6.9	29.1	43.7#
68	4.8	6.2	9.2#

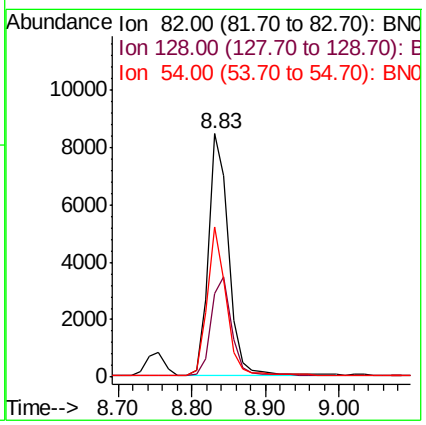


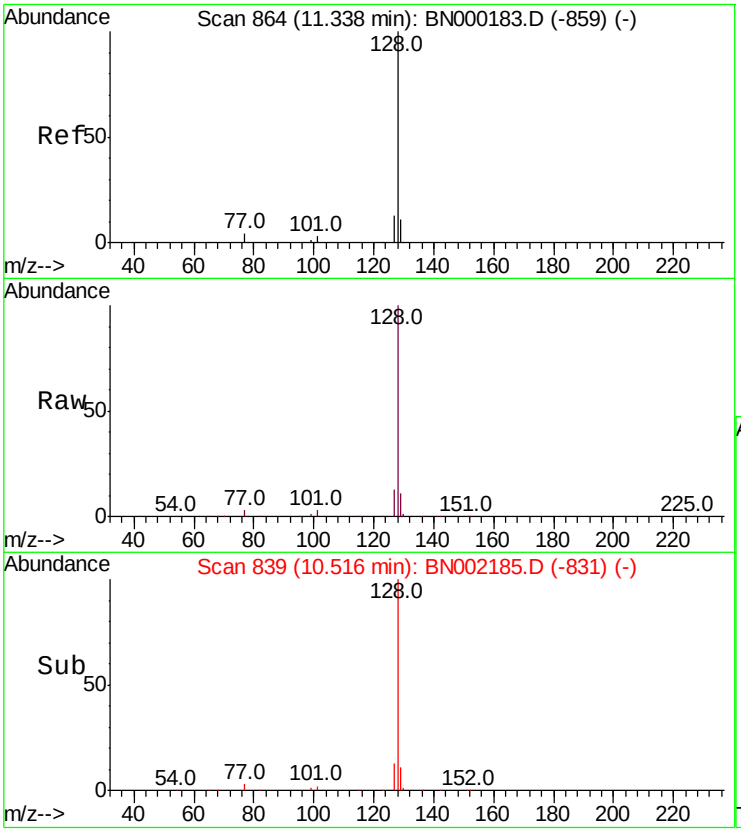


#8
Nitrobenzene-d5
Concen: 2.102 ng
RT: 8.83 min Scan# 706
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion: 82 Resp: 16079

Ion	Ratio	Lower	Upper
82	100		
128	34.5	150.0	225.0#
54	61.9	154.2	231.4#



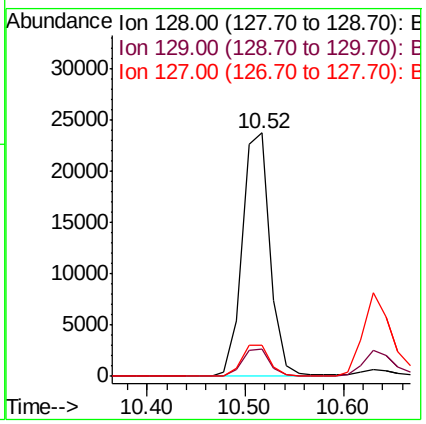


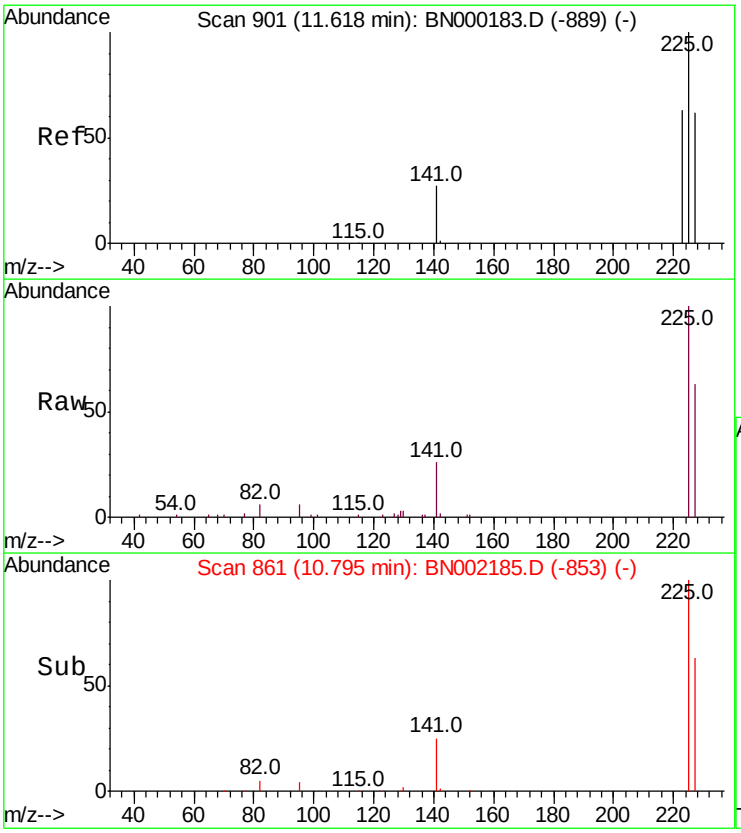
#9
Naphthalene
Concen: 1.228 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 46262

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.0	12.0
127	12.9	9.6	14.4

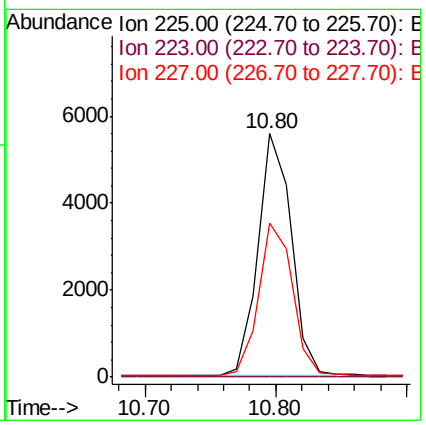


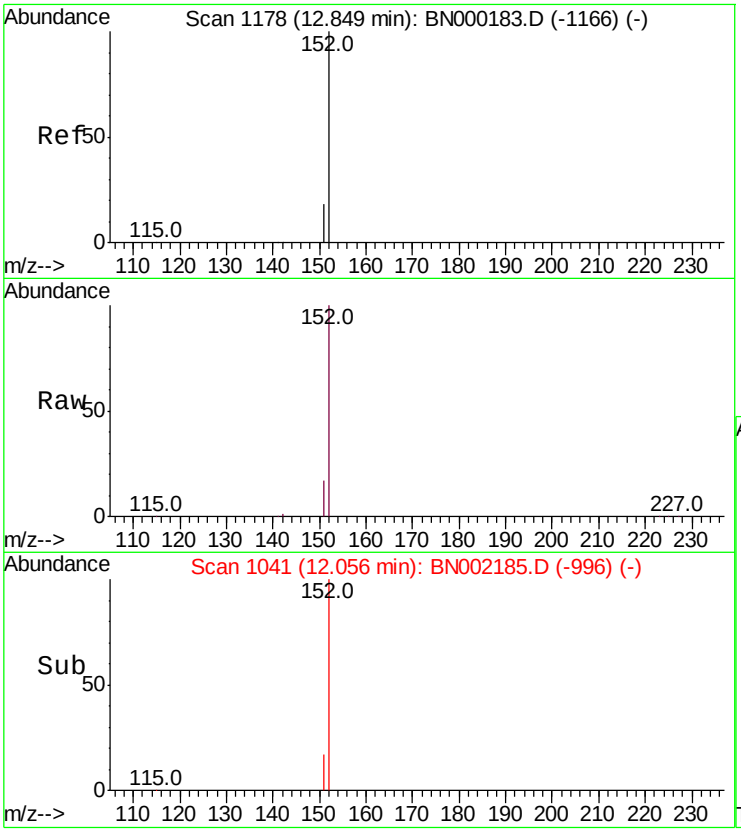


#10
Hexachlorobutadiene
Concen: 1.525 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:225 Resp: 9753

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



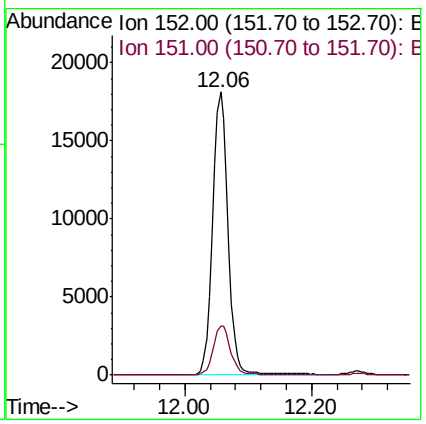


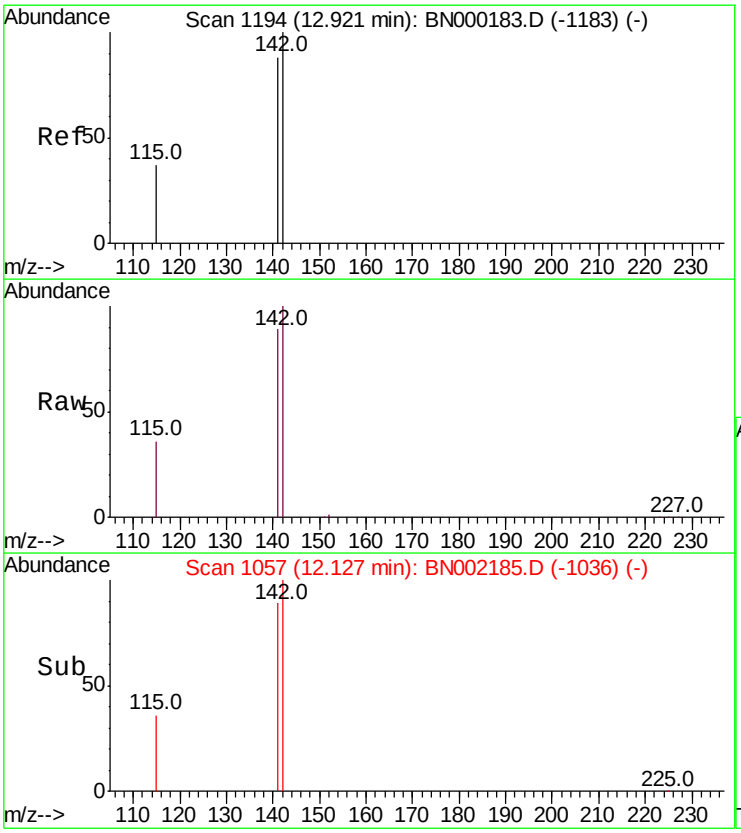
#11
2-Methylnaphthalene-d10
Concen: 1.561 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 30303

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

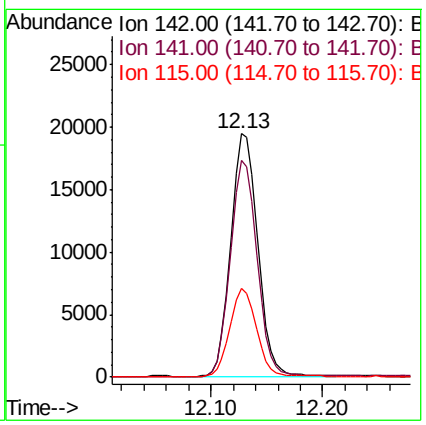


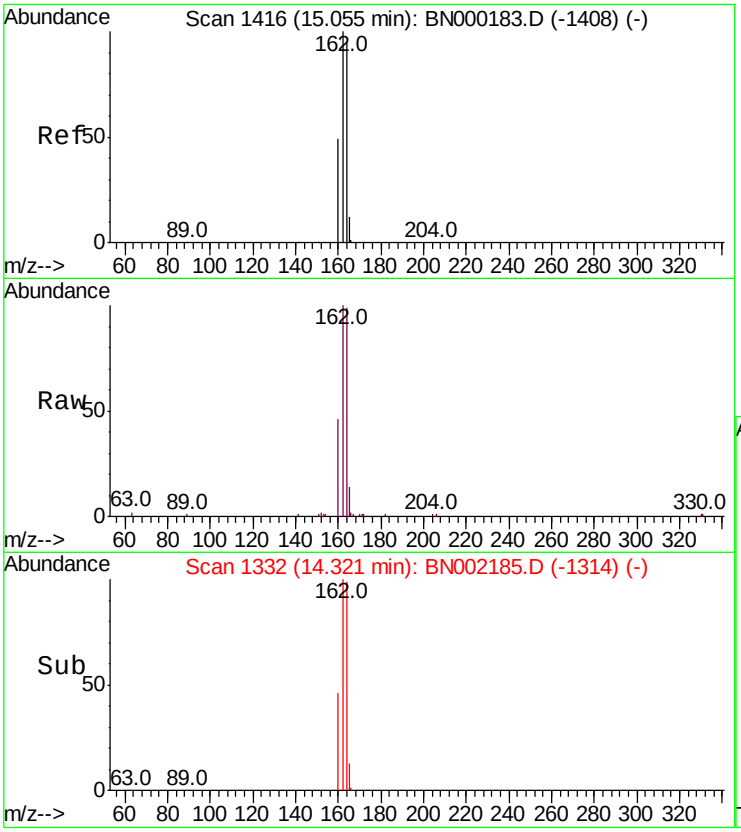


#12
2-Methylnaphthalene
Concen: 1.307 ng
RT: 12.13 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:142 Resp: 32275

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	36.3	31.7	47.5



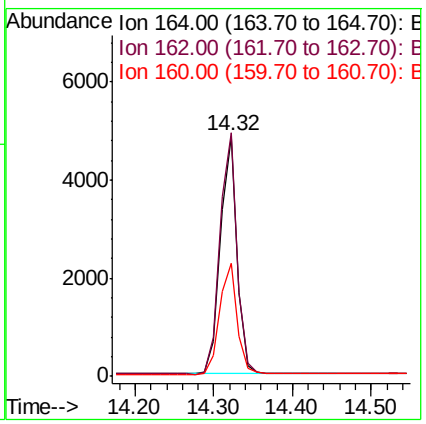


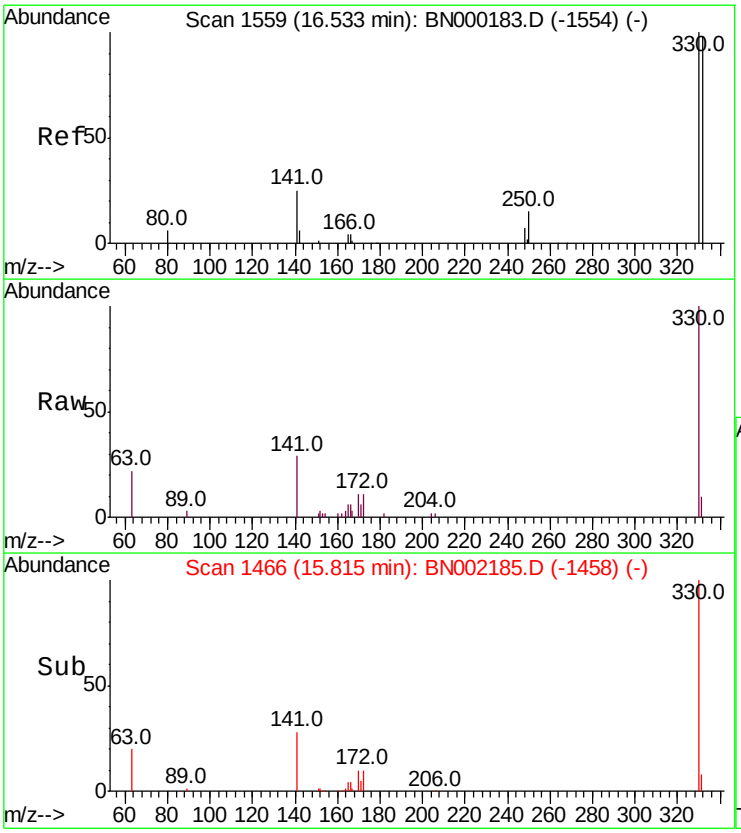
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 7241

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.1	124.7
160	47.1	37.1	55.7

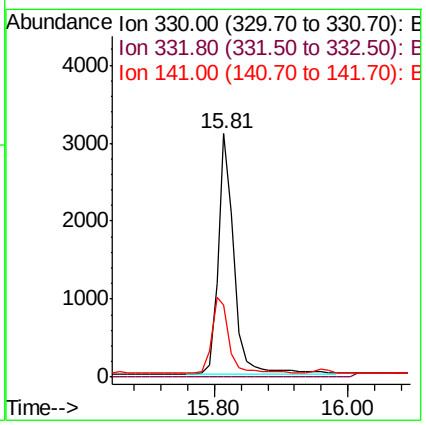


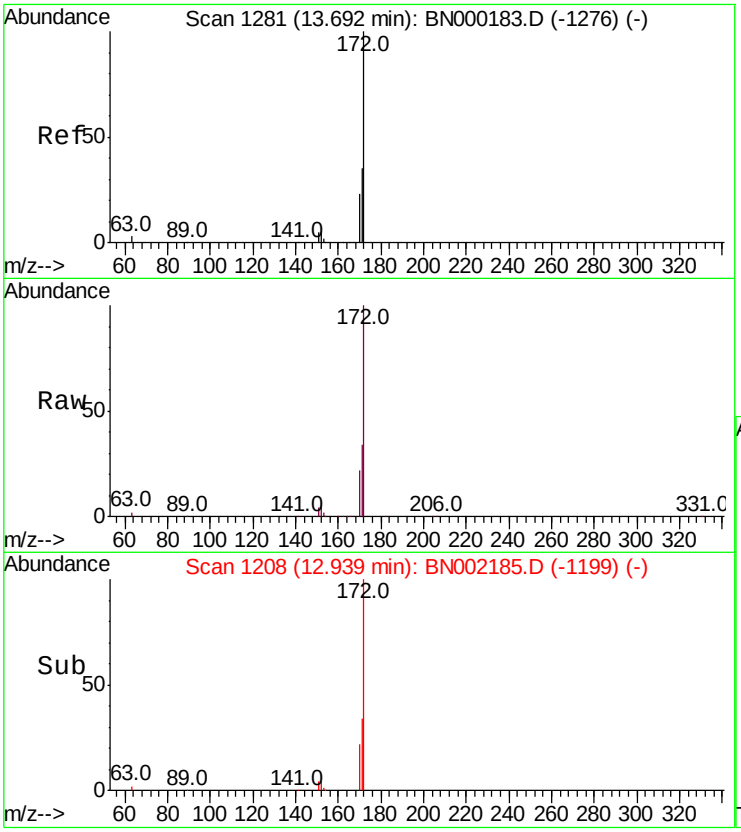


#14
2,4,6-Tribromophenol
Concen: 2.191 ng
RT: 15.81 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:330 Resp: 5037

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	34.5	33.7	50.5



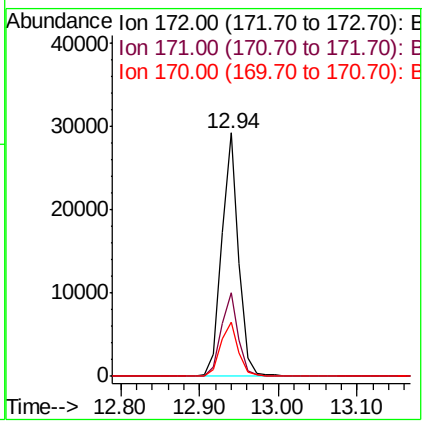


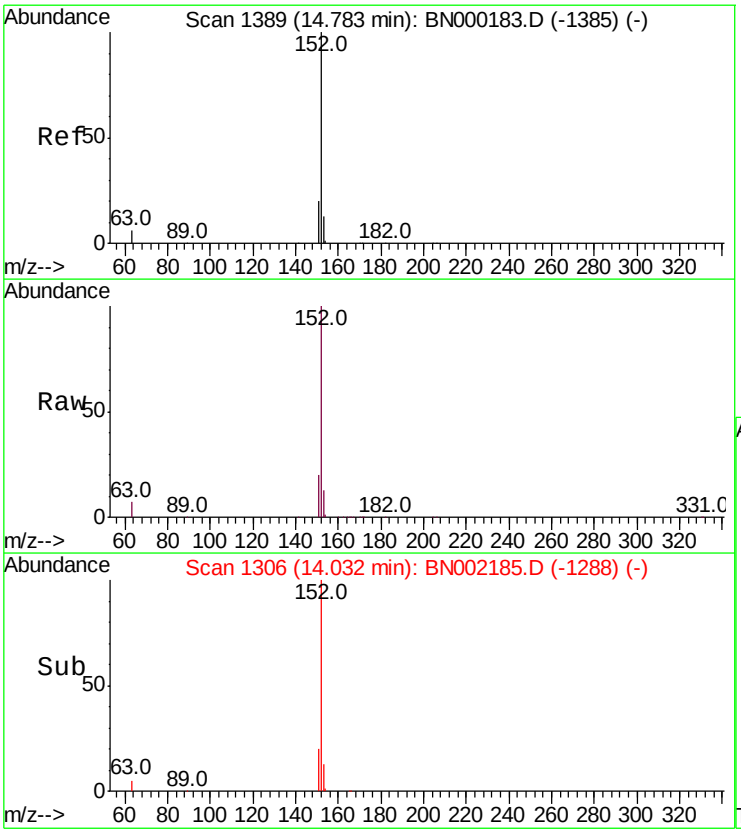
#15
2-Fluorobiphenyl
Concen: 1.281 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 43986

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	22.5	21.8	32.8

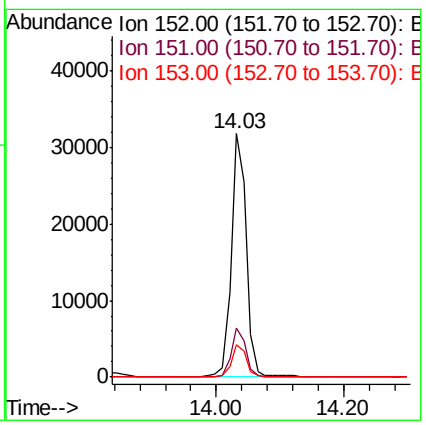


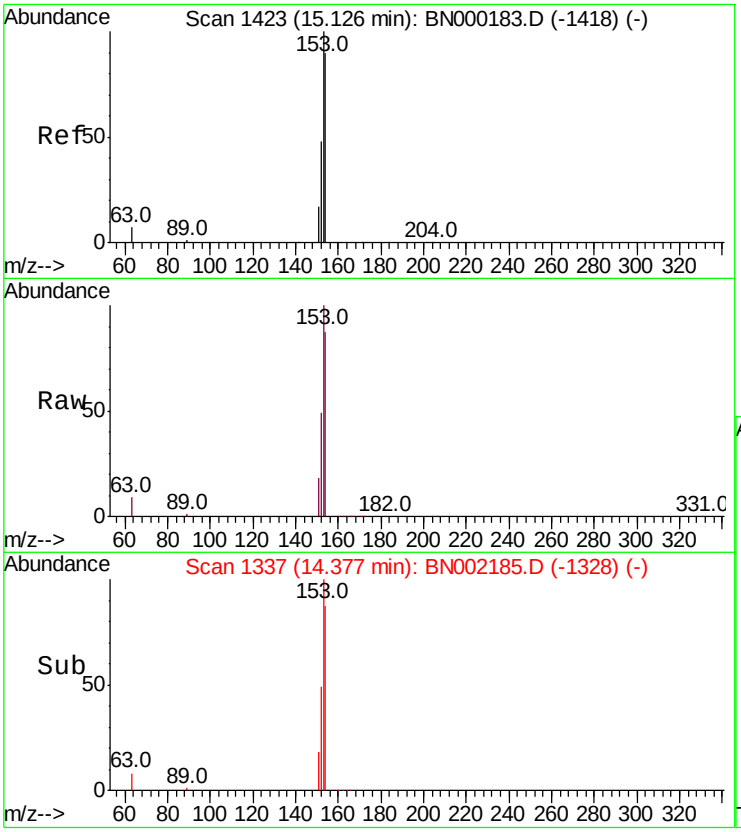


#16
Acenaphthylene
Concen: 1.514 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:152 Resp: 51683

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.5	15.7



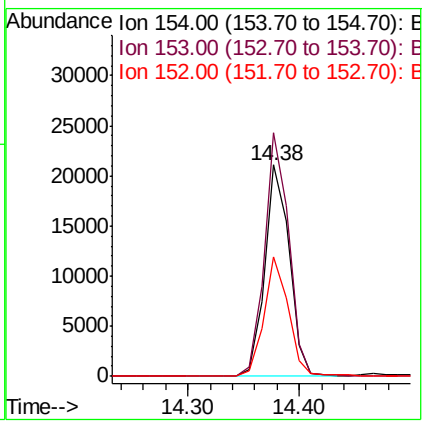


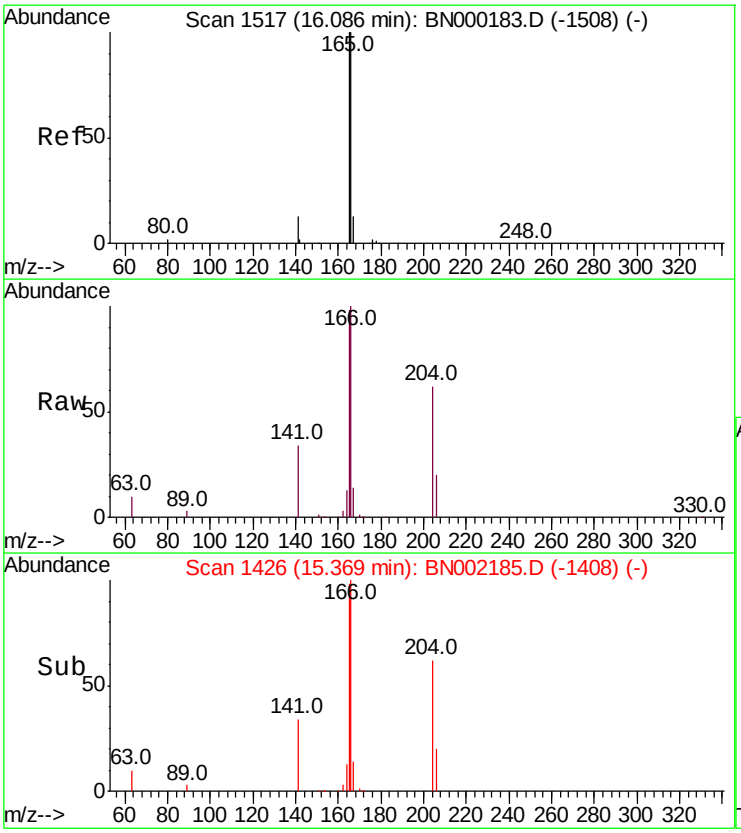
#17
Acenaphthene
Concen: 1.194 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 32127

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	55.5	42.0	63.0

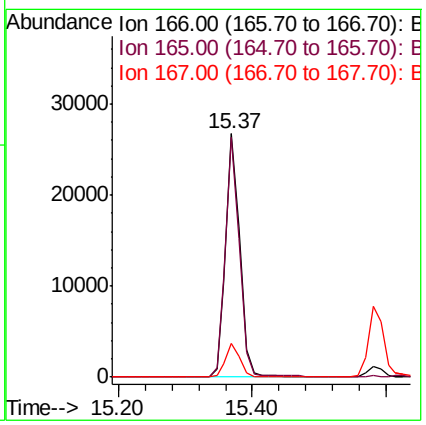


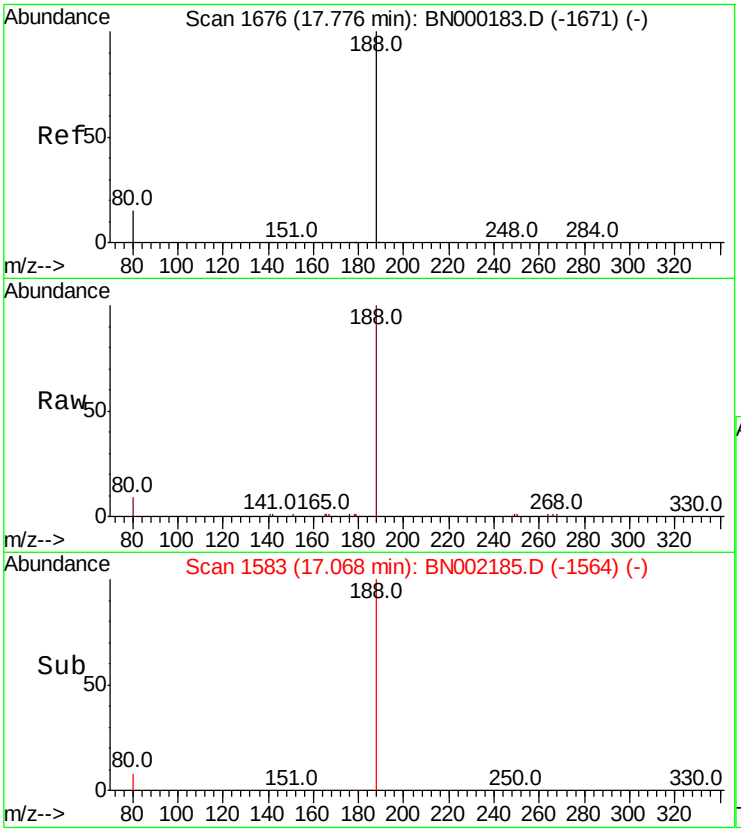


#18
Fluorene
Concen: 1.162 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:166 Resp: 38989

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.6	42.4	63.6#



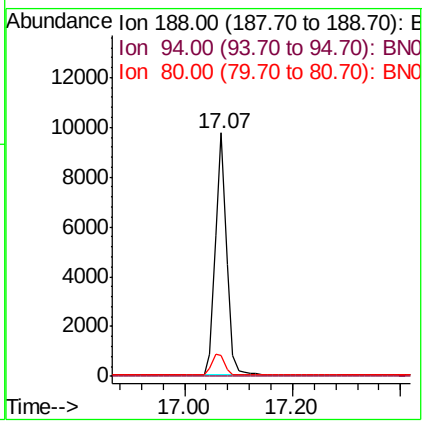


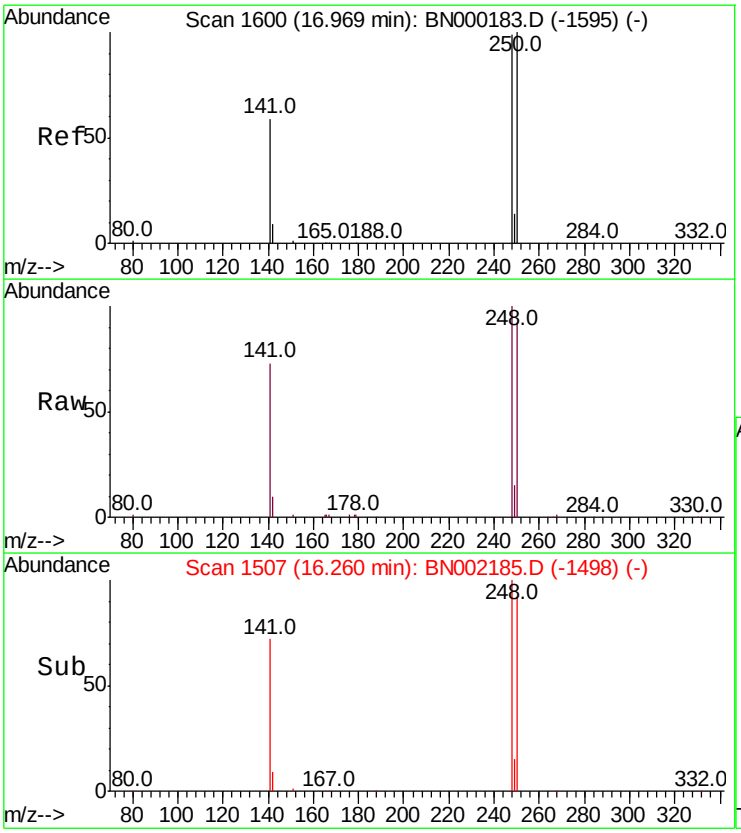
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 14173

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.6	3.6	5.4#

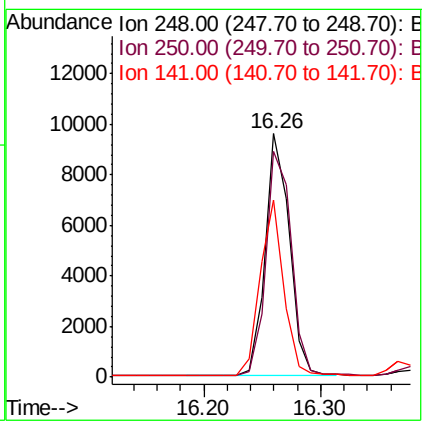


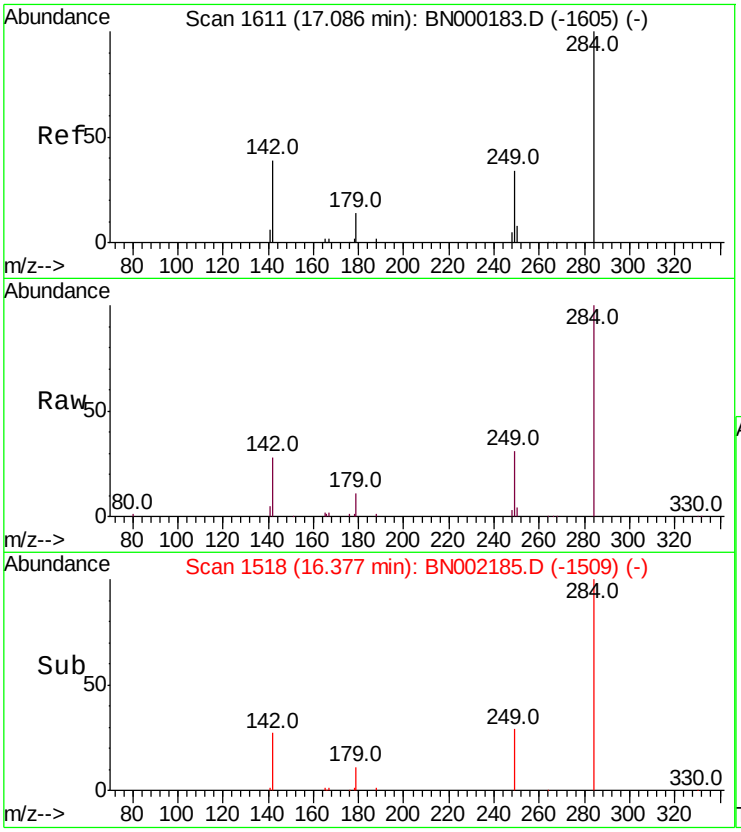


#20
4-Bromophenyl-phenylether
Concen: 1.693 ng
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:248 Resp: 13825

Ion	Ratio	Lower	Upper
248	100		
250	92.5	62.7	94.1
141	72.7	48.2	72.2#



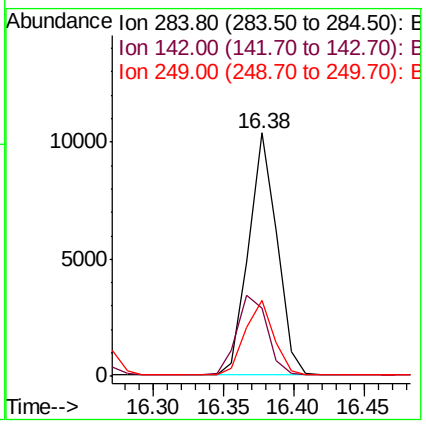


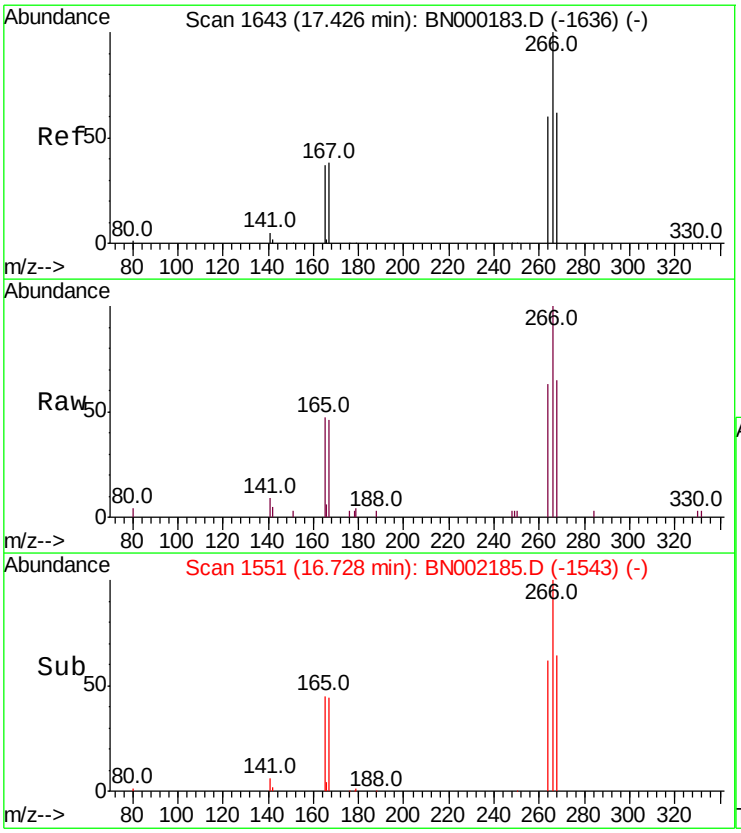
#21
Hexachlorobenzene
Concen: 1.346 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 14705

Ion	Ratio	Lower	Upper
284	100		
142	35.5	32.0	48.0
249	30.8	24.0	36.0

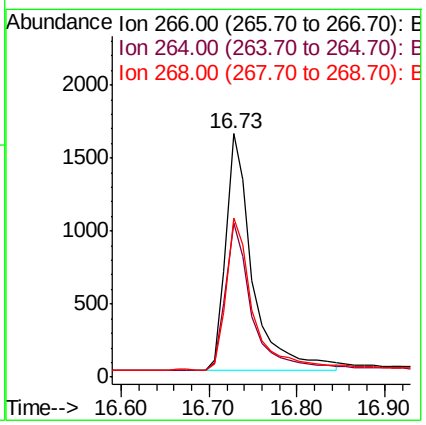


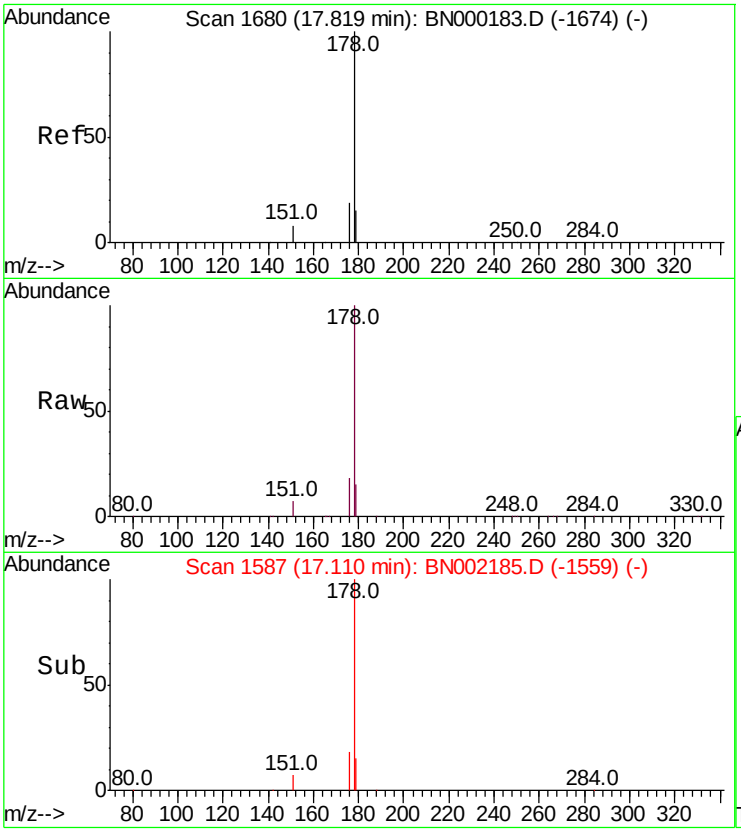


#22
Pentachlorophenol
Concen: 1.173 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:266 Resp: 3424

Ion	Ratio	Lower	Upper
266	100		
264	63.1	48.0	72.0
268	65.2	52.0	78.0



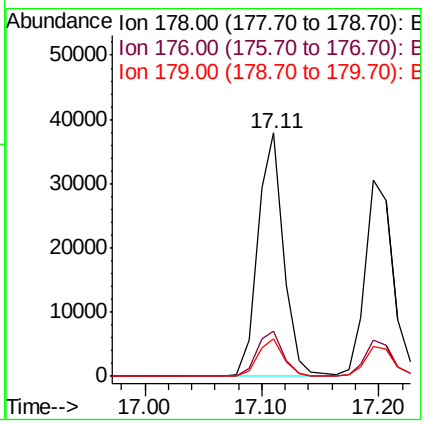


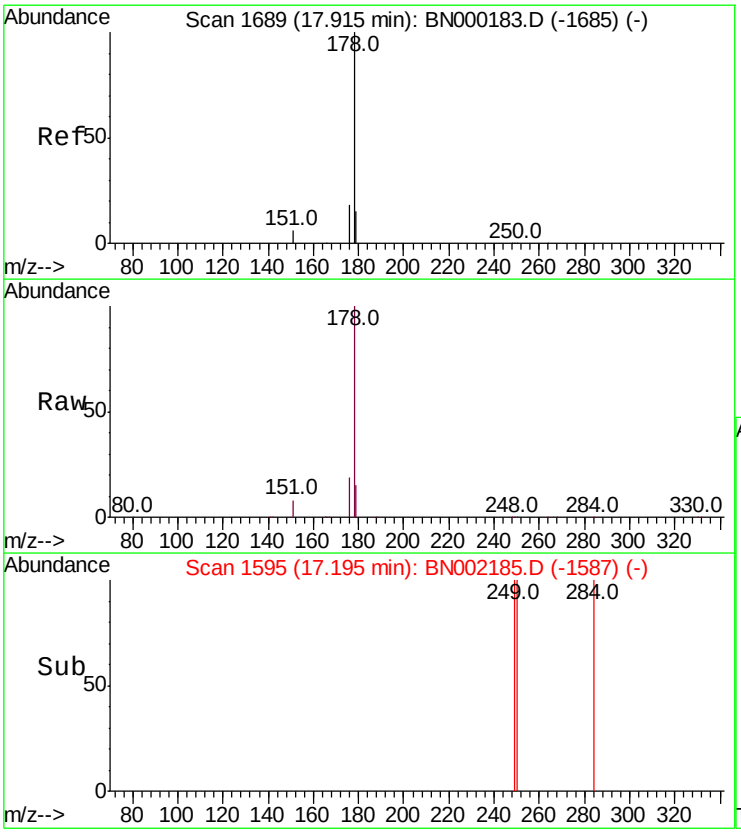
#23
Phenanthrene
Concen: 1.162 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 57933

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	11.8	17.6

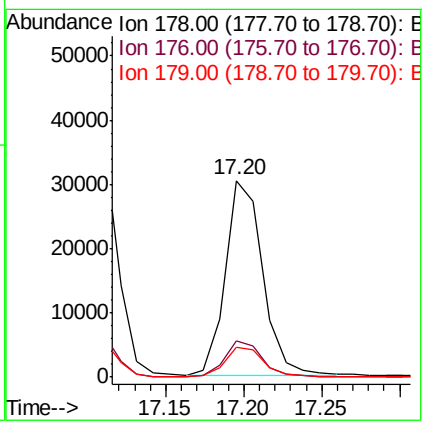


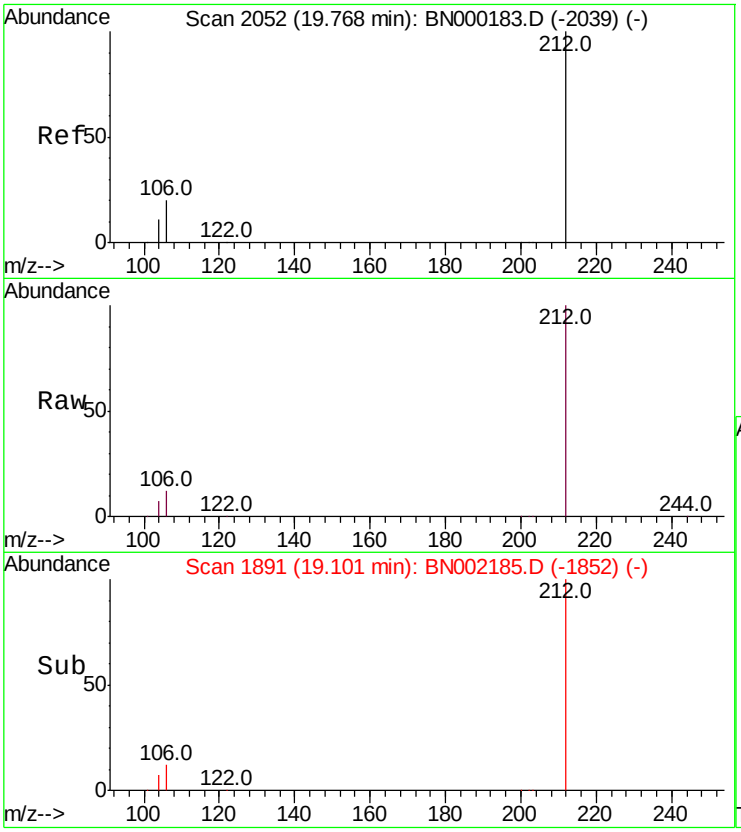


#24
Anthracene
Concen: 1.329 ng
RT: 17.20 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:178 Resp: 50275

Ion	Ratio	Lower	Upper
178	100		
176	18.1	12.8	19.2
179	15.5	13.0	19.6



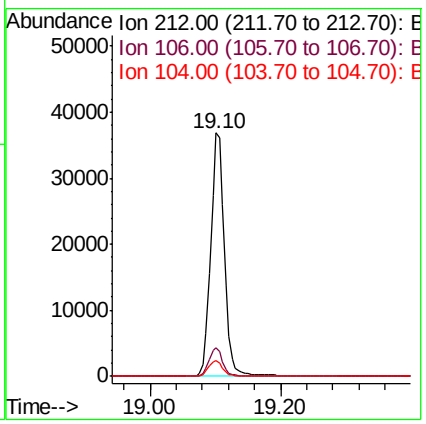


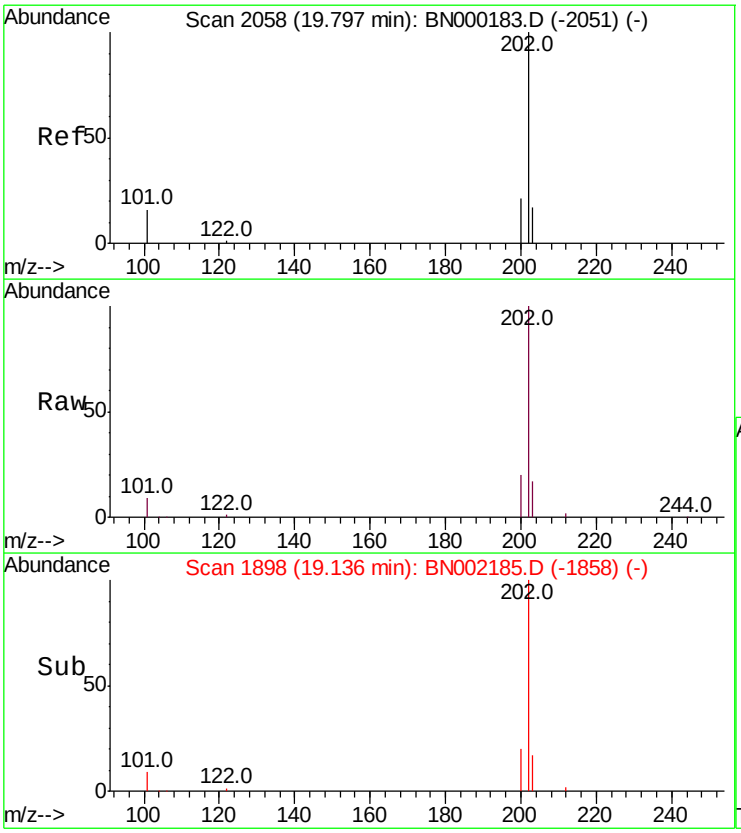
#25
Fluoranthene-d10
Concen: 1.405 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 53205

Ion	Ratio	Lower	Upper
212	100		
106	11.4	2.8	4.2#
104	6.4	1.6	2.4#

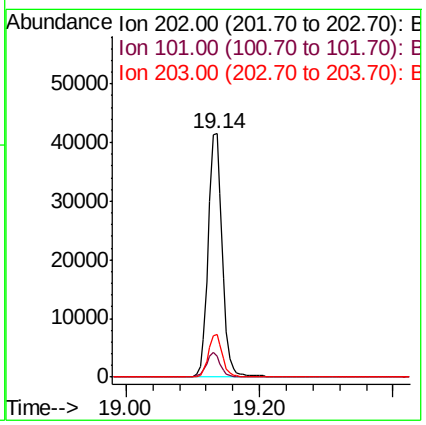


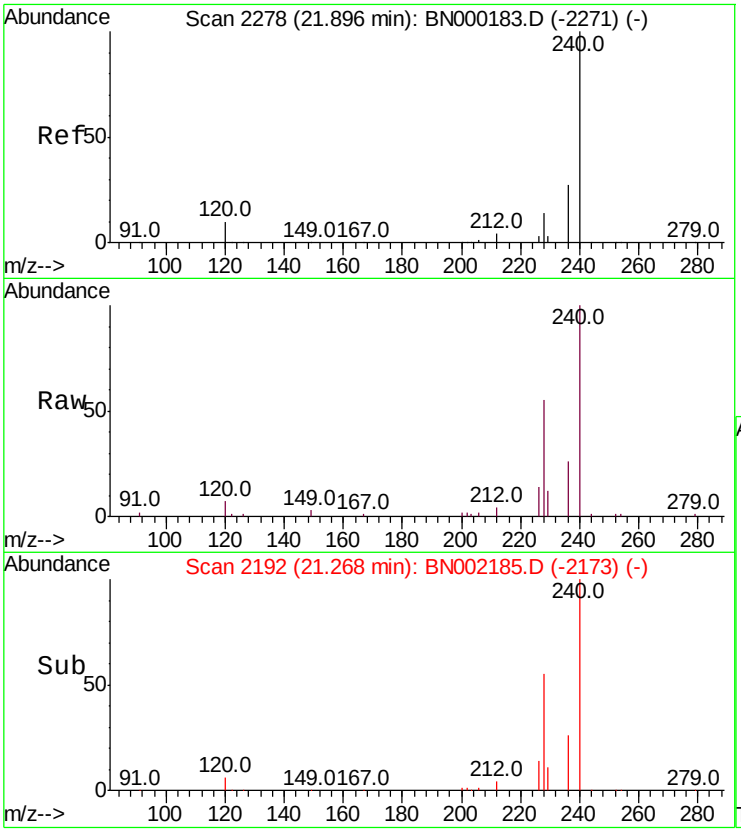


#26
Fluoranthene
Concen: 1.155 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:202 Resp: 59735

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	17.3	13.7	20.5



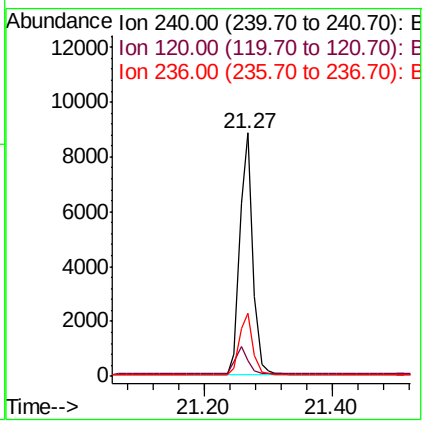


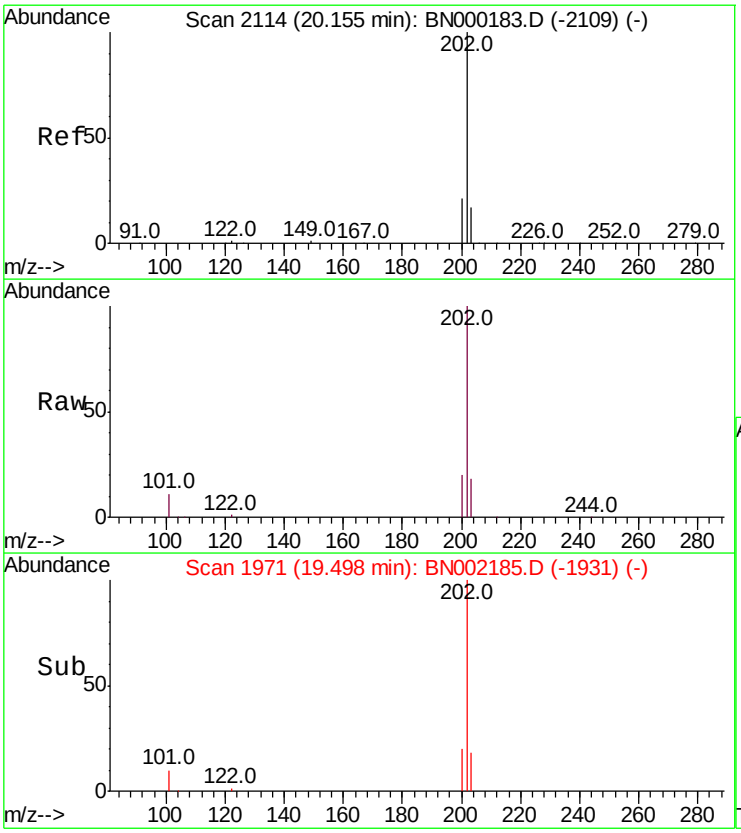
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 12429

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.5	8.3
236	26.1	20.7	31.1

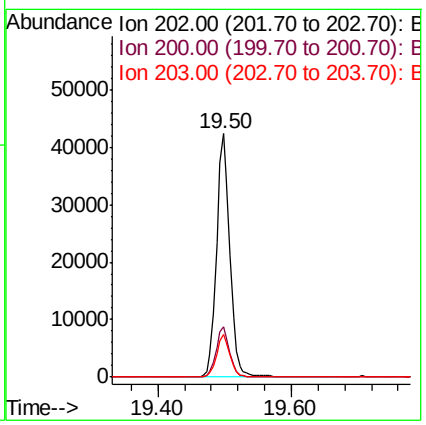


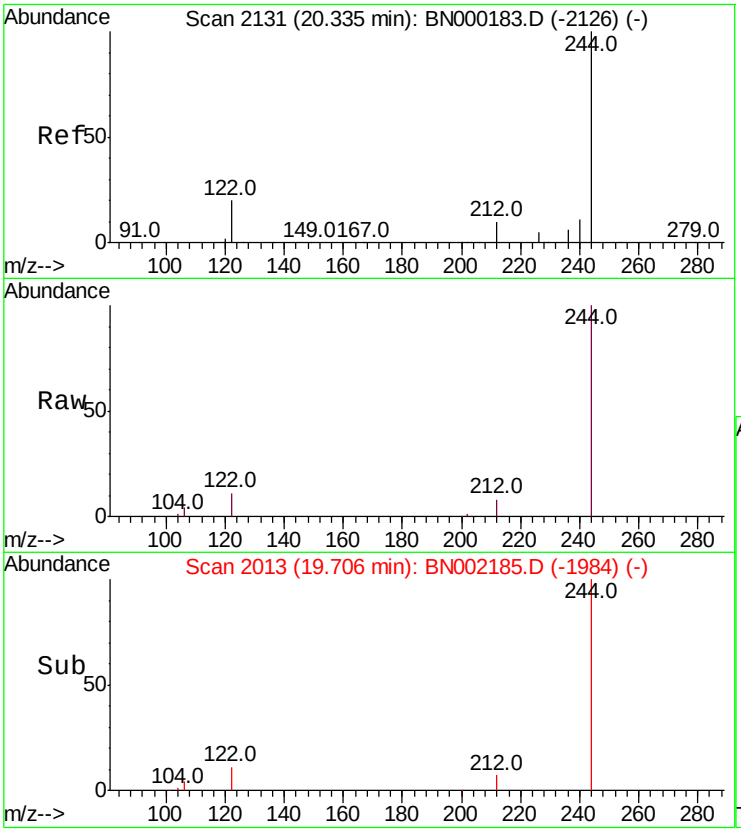


#28
Pyrene
Concen: 1.193 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:202 Resp: 58208

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.4	13.8	20.8



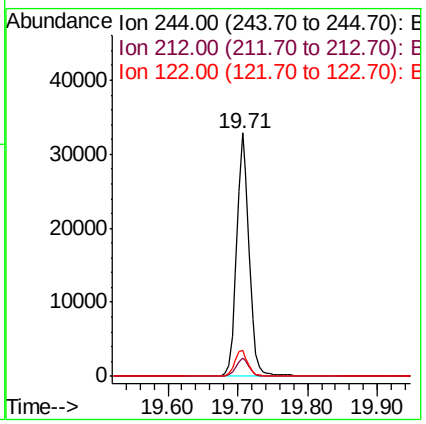


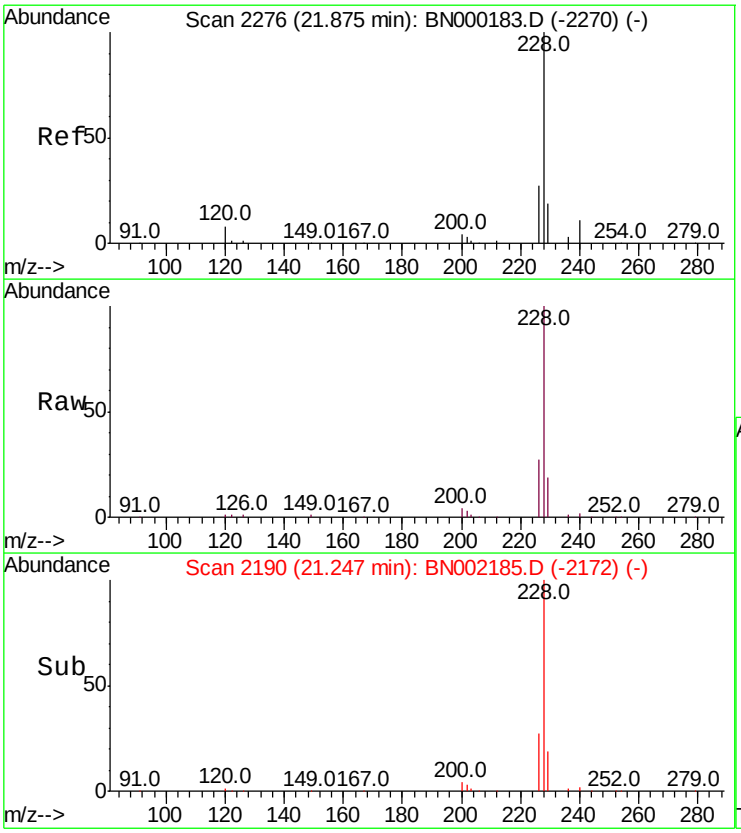
#29
Terphenyl-d14
Concen: 1.877 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 40983

Ion	Ratio	Lower	Upper
244	100		
212	7.6	25.4	38.0#
122	10.8	8.1	12.1

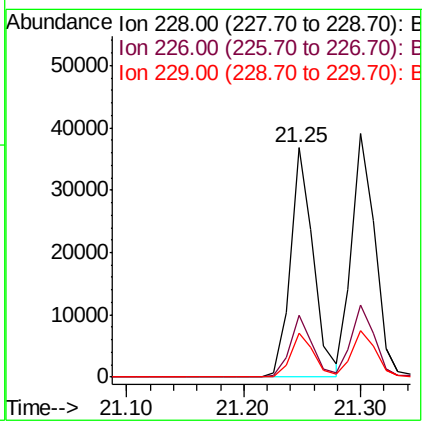


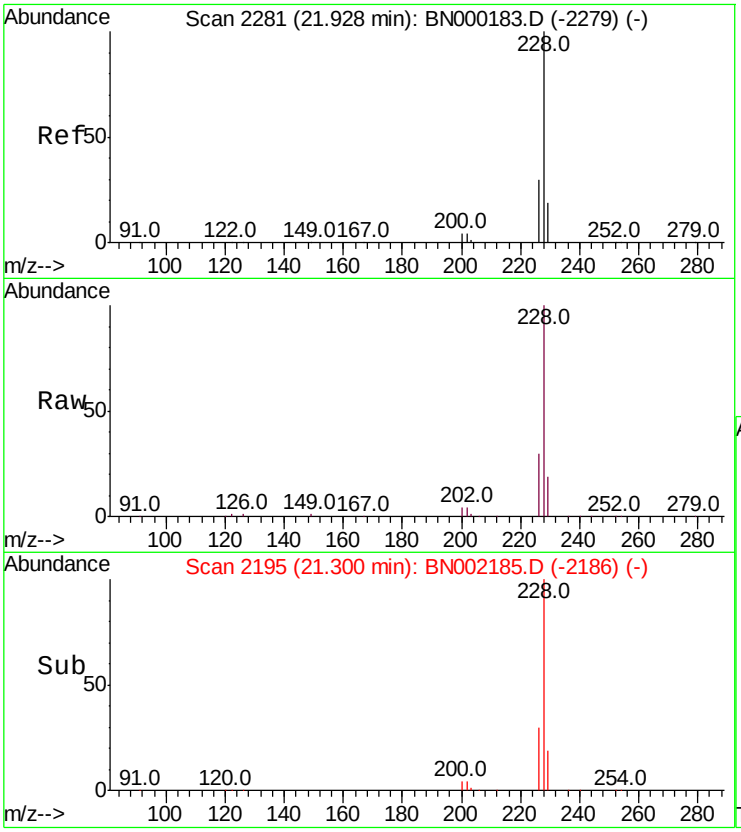


#30
Benzo(a)anthracene
Concen: 1.271 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:228 Resp: 49784

Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.0	36.0
229	19.3	16.0	24.0



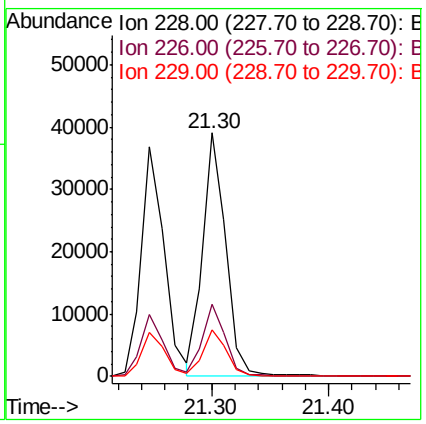


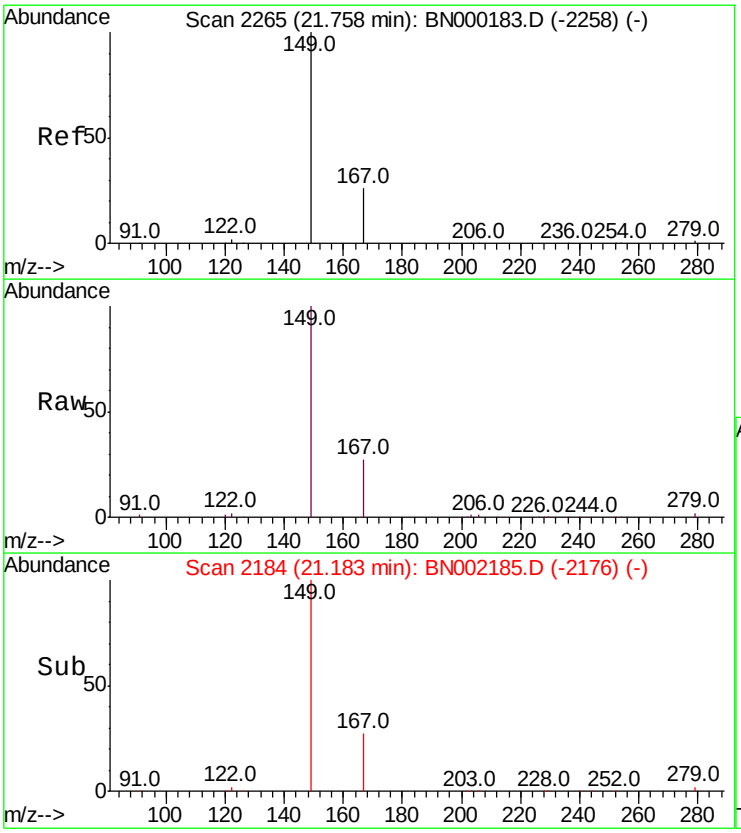
#31
Chrysene
Concen: 1.166 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 53336

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.3	16.0	24.0

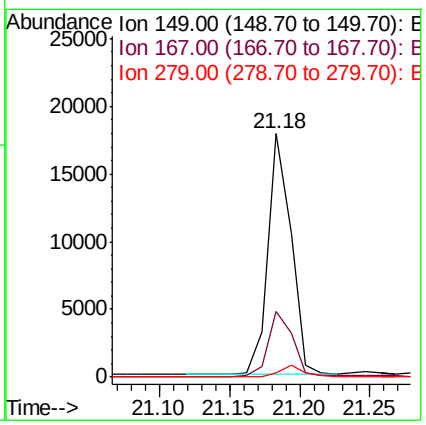


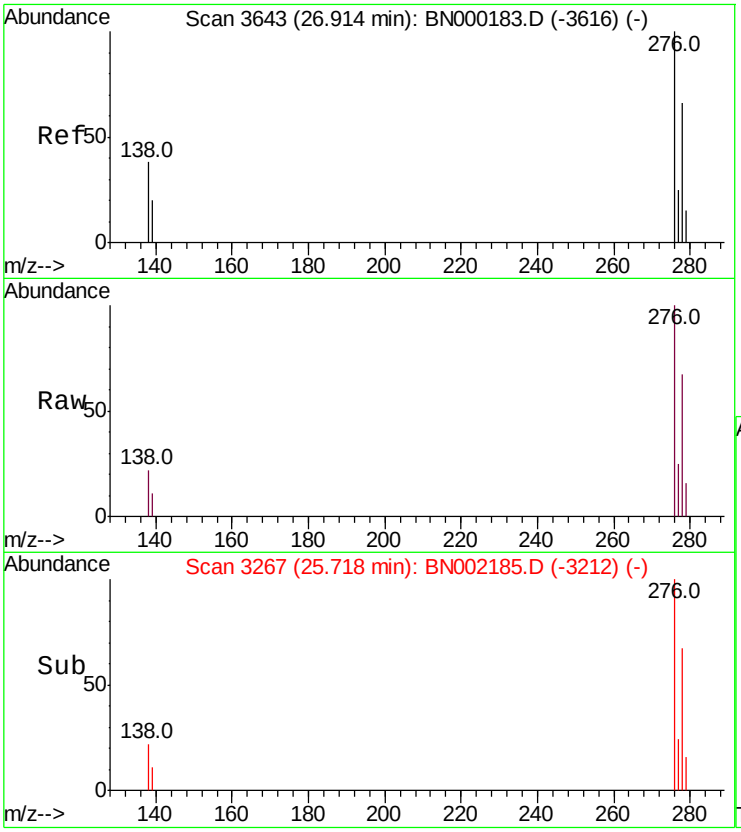


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.413 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:149 Resp: 20589

Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.0	30.0
279	4.3	1.6	2.4#



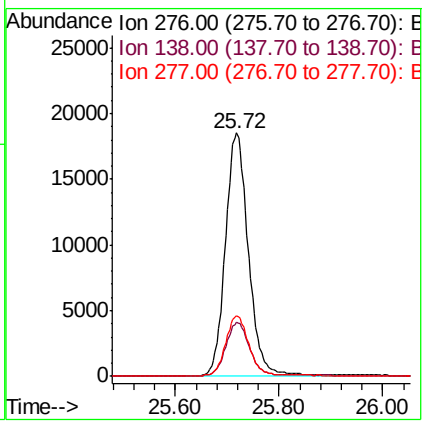


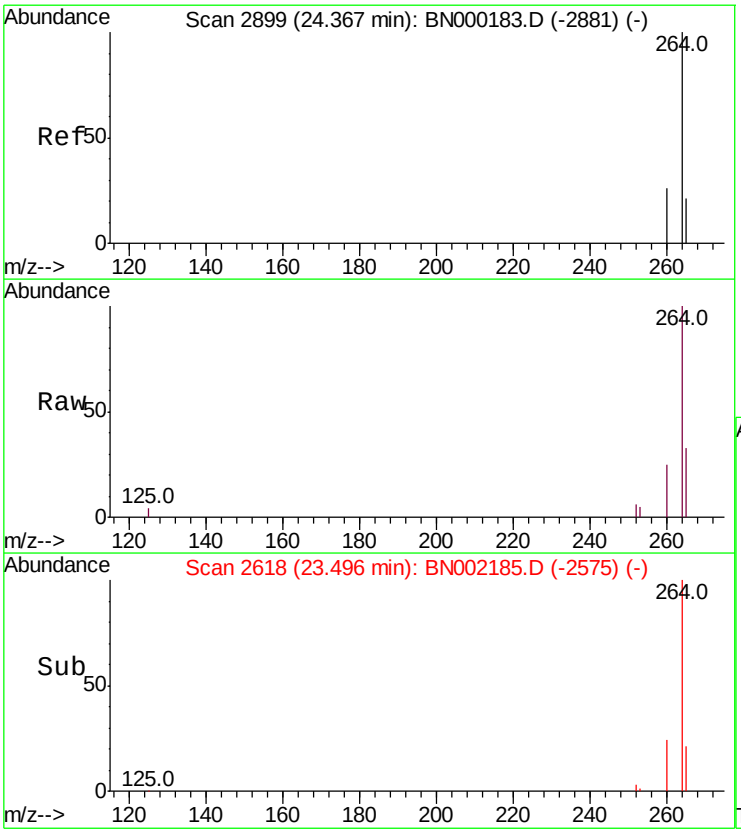
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.323 ng
RT: 25.72 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 56520

Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.5	33.7#
277	24.9	19.9	29.9

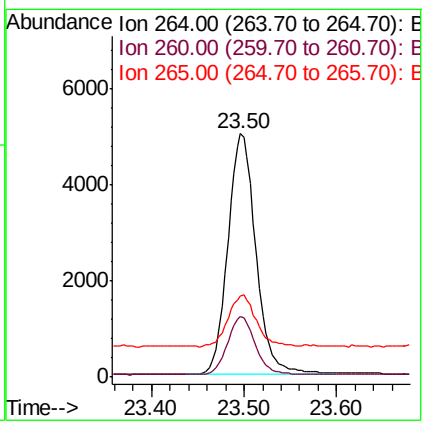


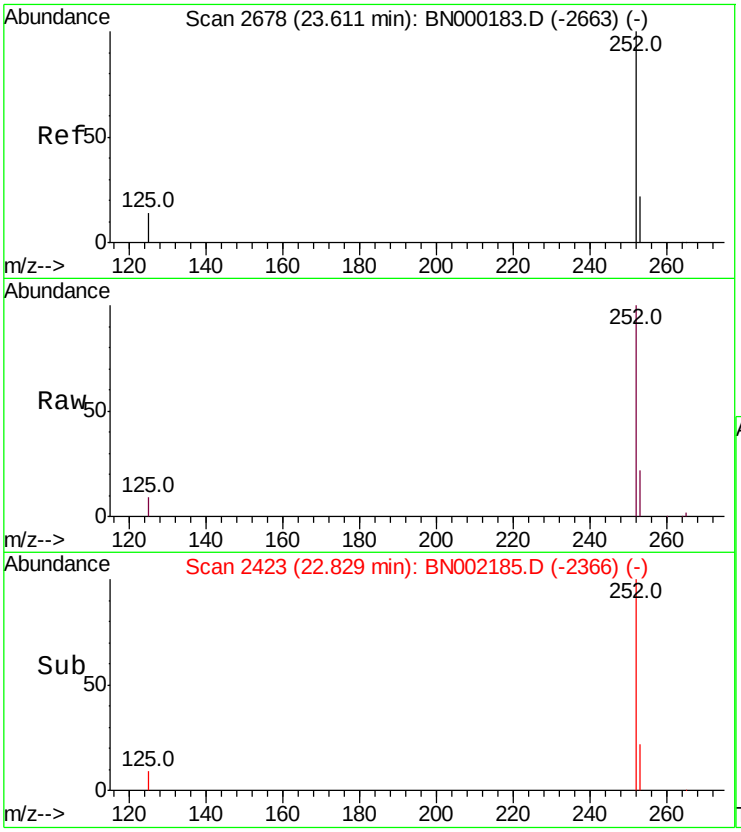


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:264 Resp: 10573

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	33.3	22.8	34.2



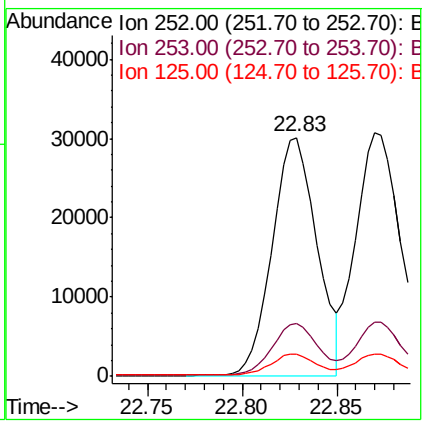


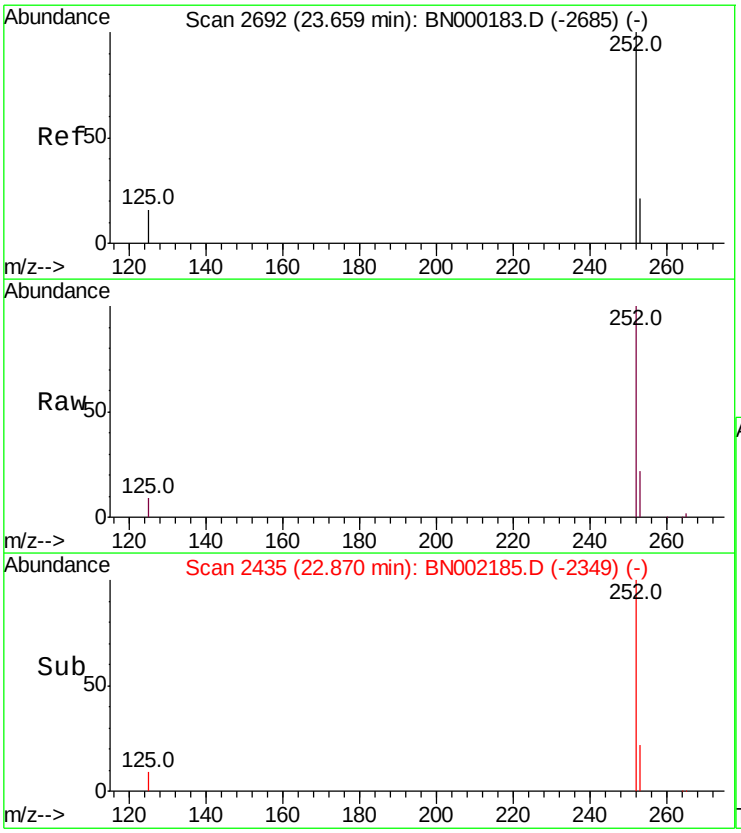
#35
Benzo(b)fluoranthene
Concen: 1.014 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 48949

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.0	30.0
125	9.4	16.0	24.0#

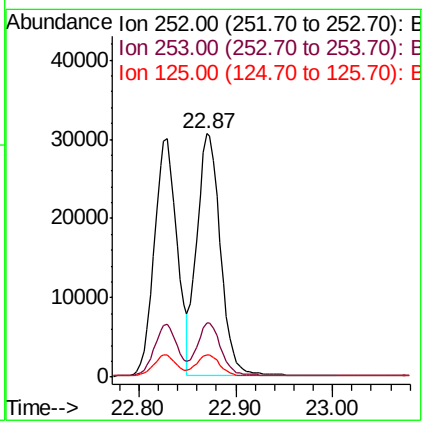


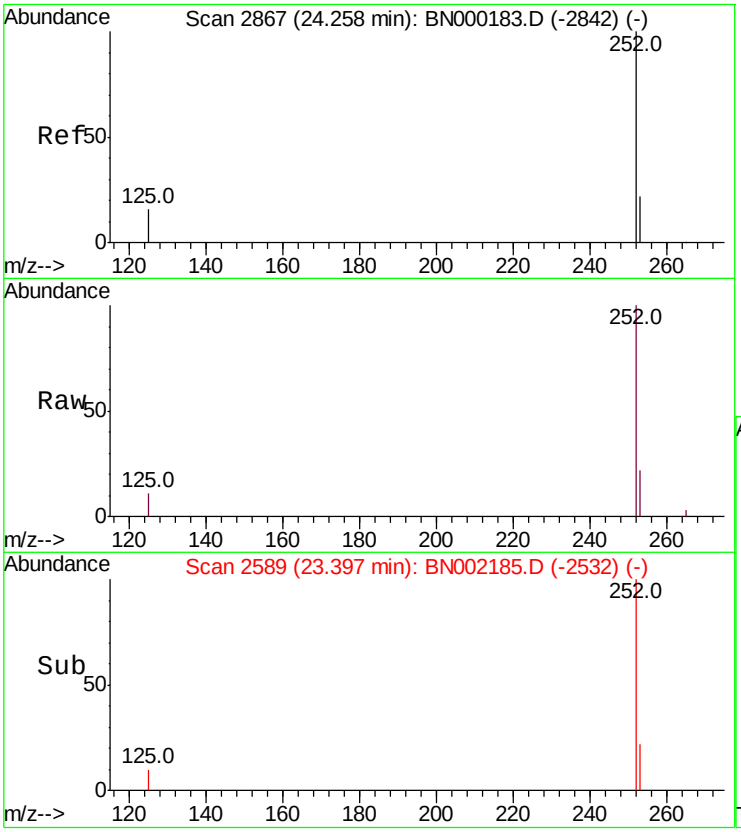


#36
Benzo(k)fluoranthene
Concen: 1.091 ng
RT: 22.87 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:252 Resp: 51503

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.0	24.0
125	9.3	8.0	12.0



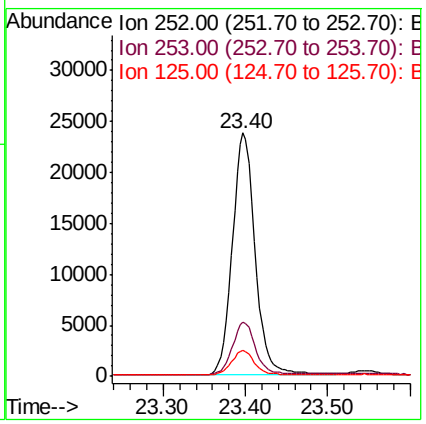


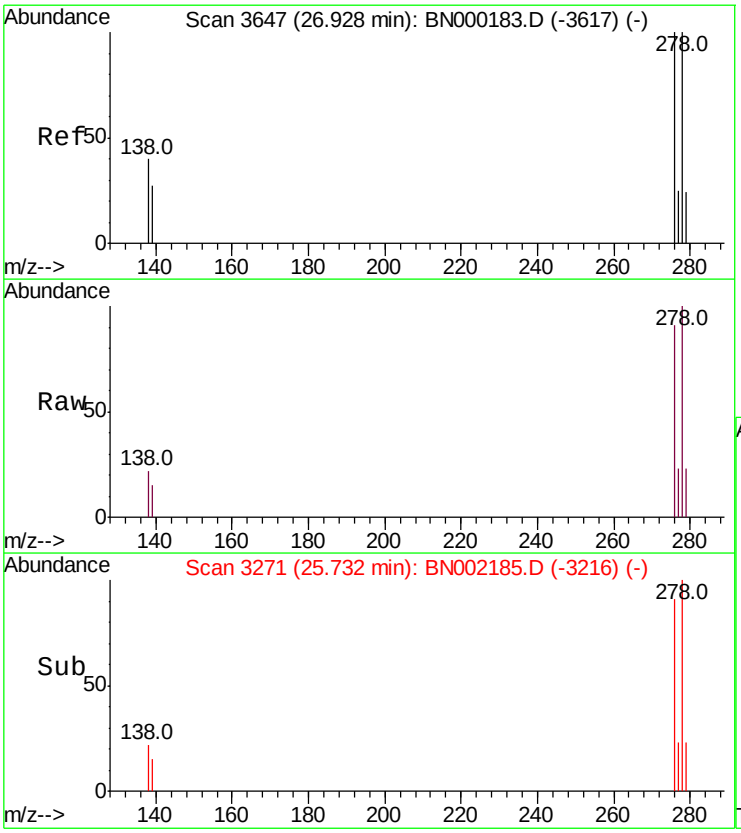
#37
Benzo(a)pyrene
Concen: 1.162 ng
RT: 23.40 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 45702

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.0	24.0
125	10.5	12.0	18.0#

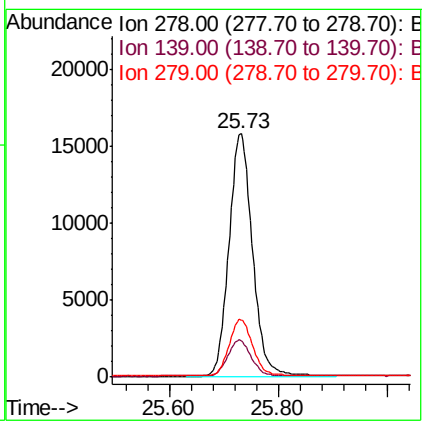


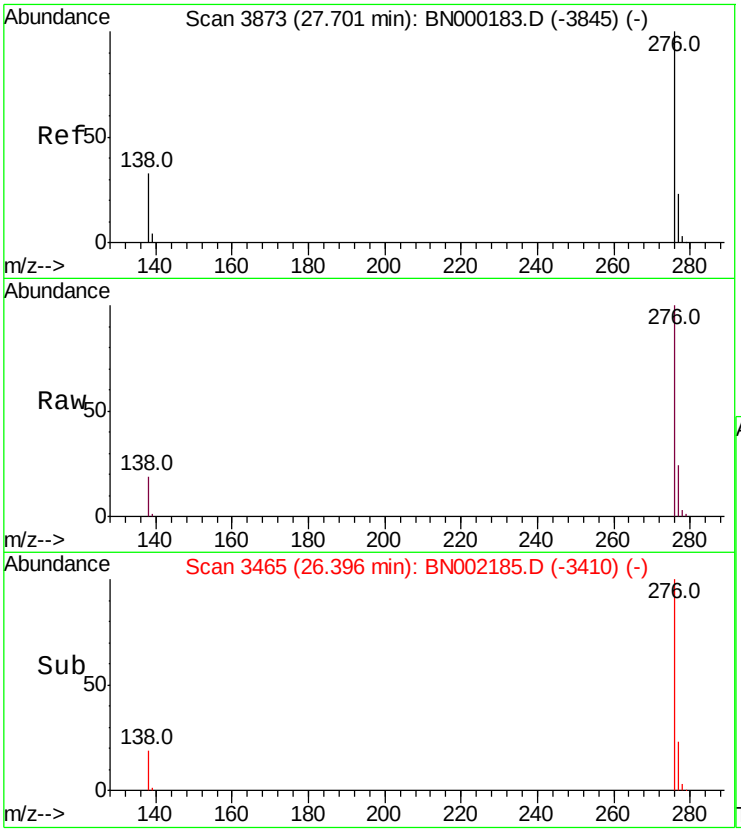


#38
Dibenzo(a,h)anthracene
Concen: 1.348 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Tgt Ion:278 Resp: 47214

Ion	Ratio	Lower	Upper
278	100		
139	15.1	16.0	24.0#
279	23.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.150 ng
RT: 26.40 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BN002185.D
Acq: 30 Jul 2018 13:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 47522

Ion	Ratio	Lower	Upper
276	100		
277	23.7	16.0	24.0
138	19.2	20.0	30.0#