Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007189.D
Acq On : 15 Aug 2019 10:45
Operator : HP/JU
Sample : K4143-02MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 02:37:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7419	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	27882	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	15968	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	39497	0.40	ng		0.00
26) Chrysene-d12	21.05	240	40082	0.40	ng		-0.01
32) Perylene-d12	23.16	264	44670	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	4124	0.23	ng		0.00
4) Phenol-d6	6.61	99	5676	0.26	ng		0.00
7) Nitrobenzene-d5	8.55	82	4376	0.19	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	10890	0.21	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1513	0.18	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	1335	0.06	ng		0.00
24) Fluoranthene-d10	18.87	212	26359	0.19	ng		0.00
28) Terphenyl-d14	19.49	244	21250	0.19	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.34	42	1556	0.319	ng	#	94
5) bis(2-Chloroethyl)ether	6.86	93	4579	0.235	ng		98
8) Naphthalene	10.23	128	16273	0.208	ng		100
9) Hexachlorobutadiene	10.54	225	3303	0.198	ng	#	99
11) 2-Methylnaphthalene	11.86	142	11707	0.211	ng		97
15) Acenaphthylene	13.79	152	18354	0.220	ng		99
16) Acenaphthene	14.13	154	11138	0.208	ng		100
17) Fluorene	15.12	166	15263	0.191	ng		99
19) 4-Bromophenyl-phenylether	16.03	248	5663	0.232	ng		97
20) Hexachlorobenzene	16.13	284	4923	0.210	ng		99
21) Pentachlorophenol	16.48	266	1675	0.191	ng		96
22) Phenanthrene	16.86	178	29058	0.245	ng		100
23) Anthracene	16.95	178	26064	0.241	ng		100
25) Fluoranthene	18.89	202	37509	0.248	ng		99
27) Pyrene	19.26	202	38814	0.276	ng		99
29) Benzo(a)anthracene	21.02	228	36483	0.249	ng		99
30) Chrysene	21.08	228	34241	0.240	ng		99
31) Indeno(1,2,3-cd)pyrene	25.24	276	44233	0.282	ng		98
33) Benzo(b)fluoranthene	22.53	252	37580	0.245	ng	#	97
34) Benzo(k)fluoranthene	22.58	252	38228	0.253	ng	#	88
35) Benzo(a)pyrene	23.07	252	34782	0.250	ng	#	97
36) Dibenzo(a,h)anthracene	25.25	278	35296	0.255	ng	#	95
37) Benzo(g,h,i)perylene	25.86	276	37227	0.261	ng		98

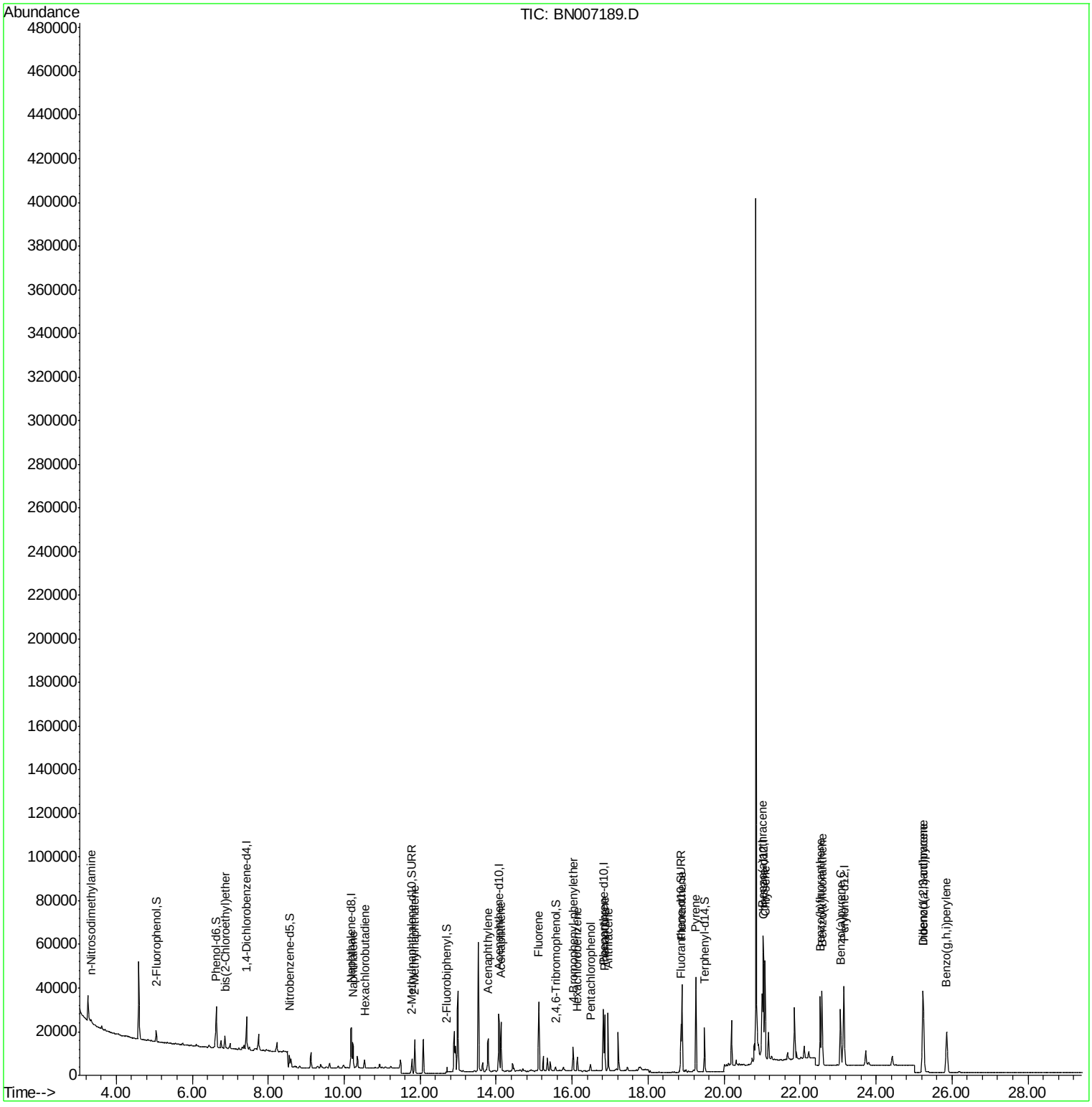
(#) = qualifier out of range (m) = manual integration (+) = signals summed

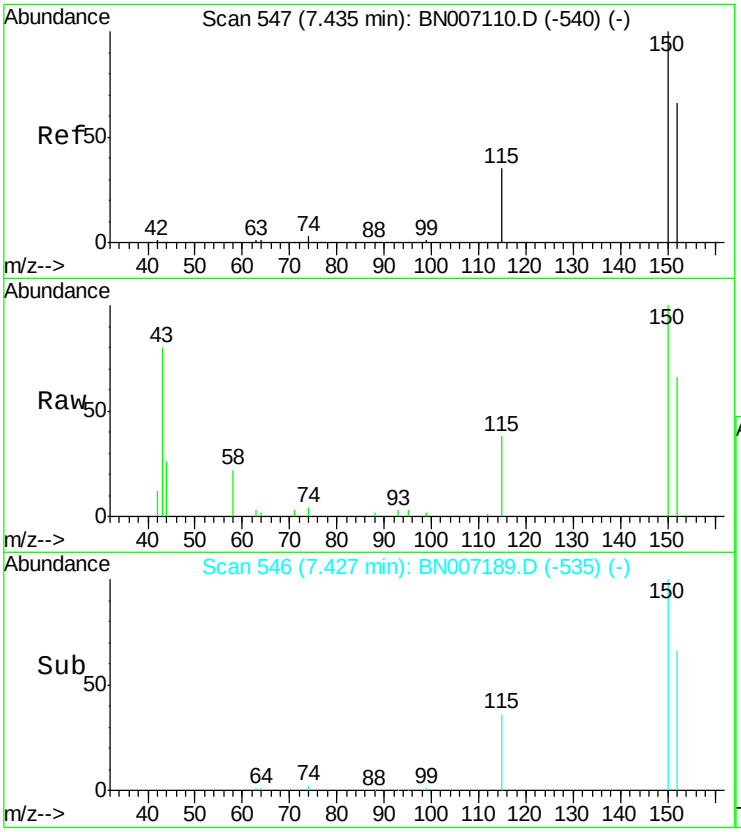
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007189.D
Acq On : 15 Aug 2019 10:45
Operator : HP/JU
Sample : K4143-02MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 16 02:37:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



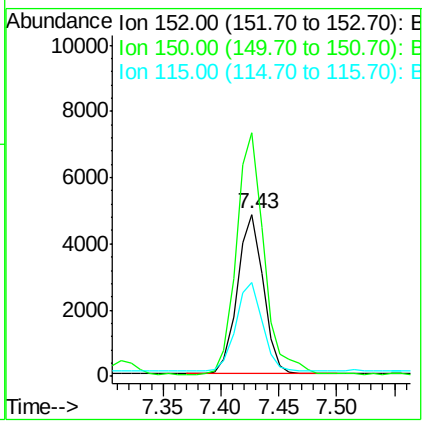


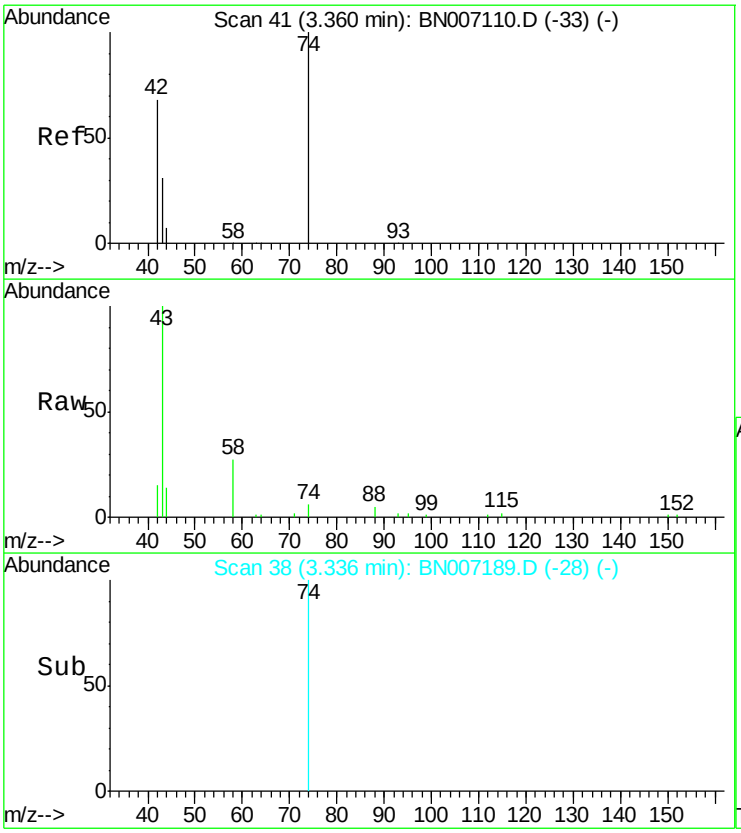
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7419

Ion	Ratio	Lower	Upper
152	100		
150	150.6	121.7	182.5
115	57.8	46.2	69.4

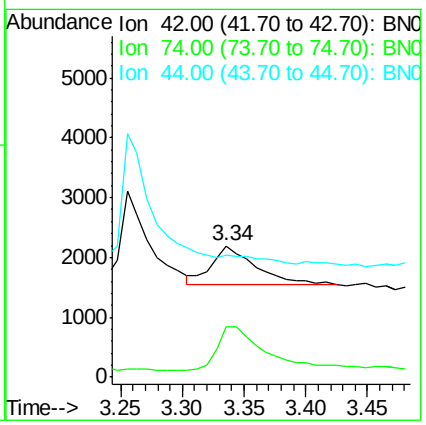


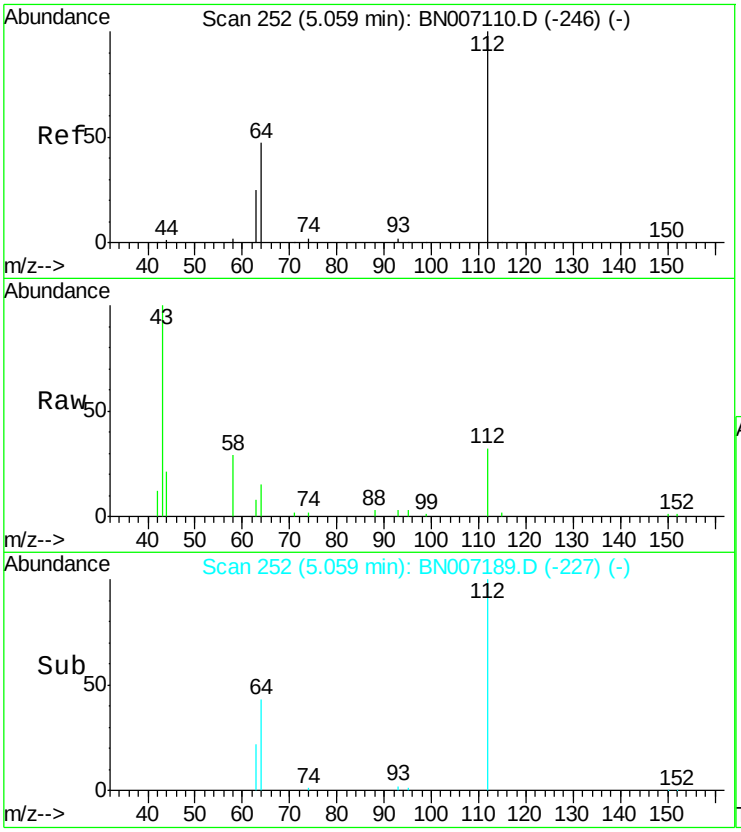


#2
n-Nitrosodimethylamine
Concen: 0.319 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion: 42 Resp: 1556

Ion	Ratio	Lower	Upper
42	100		
74	131.4	110.6	166.0
44	0.0	0.0	0.0



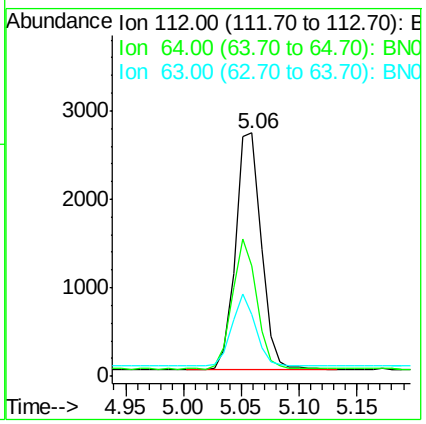


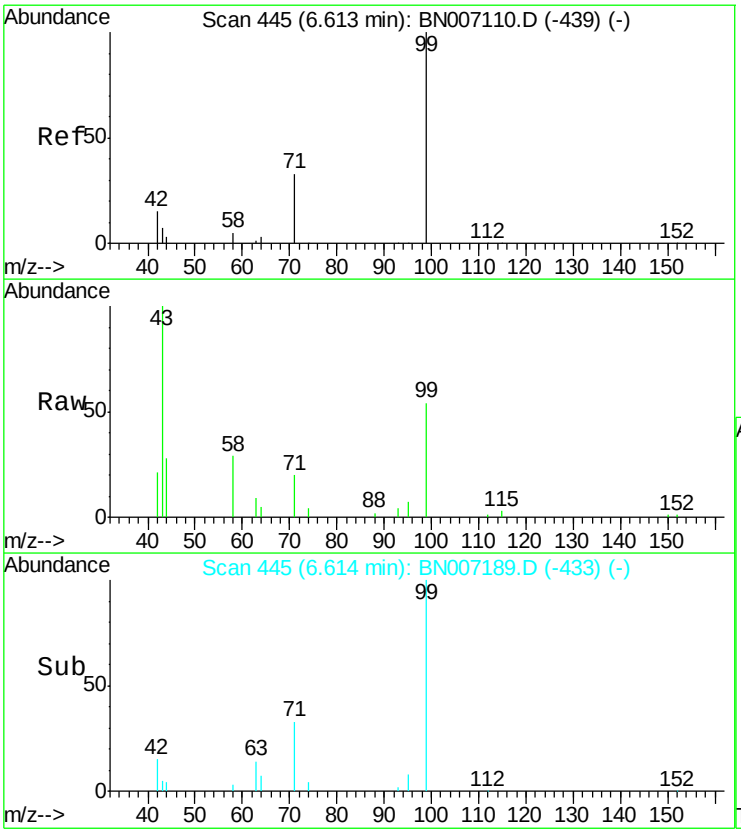
#3
2-Fluorophenol
Concen: 0.231 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 4124

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	63.8
63	28.2	22.2	33.2

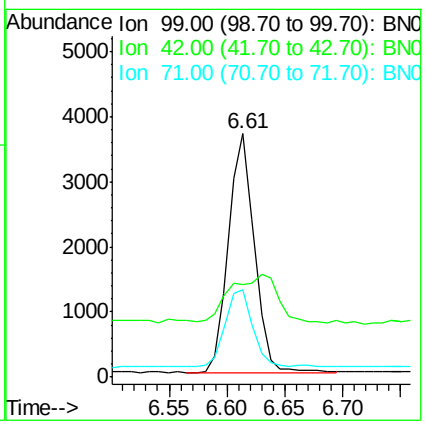


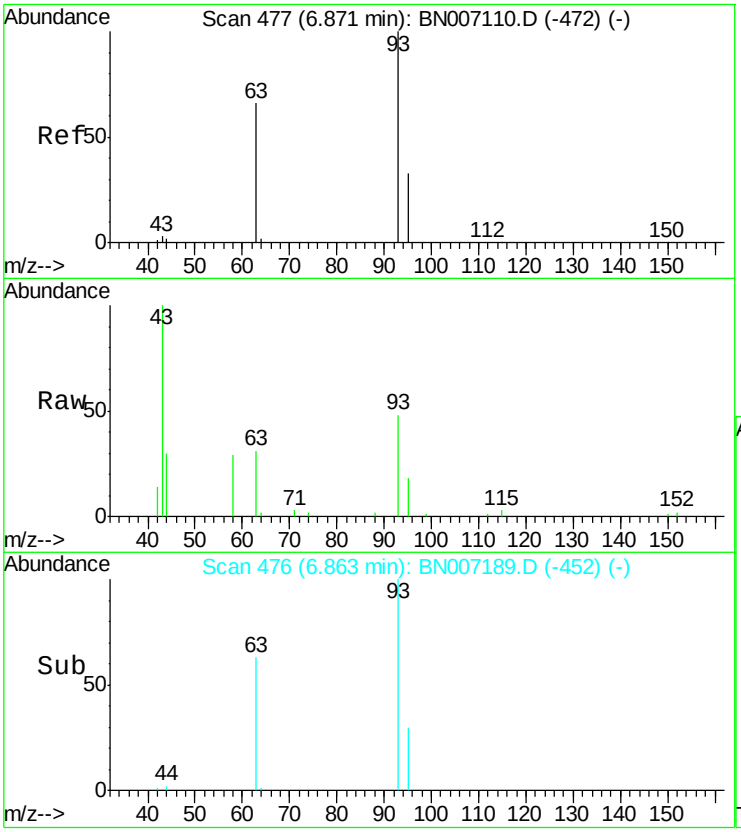


#4
Phenol-d6
Concen: 0.257 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion: 99 Resp: 5676

Ion	Ratio	Lower	Upper
99	100		
42	36.8	15.8	23.6#
71	35.0	27.0	40.4



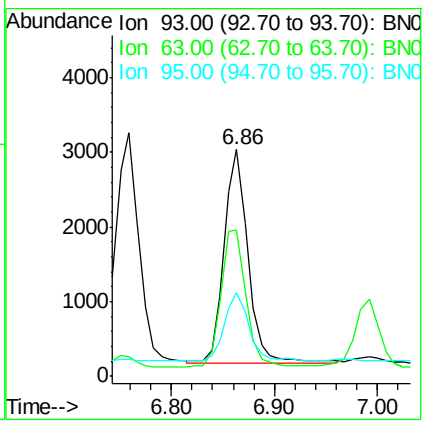


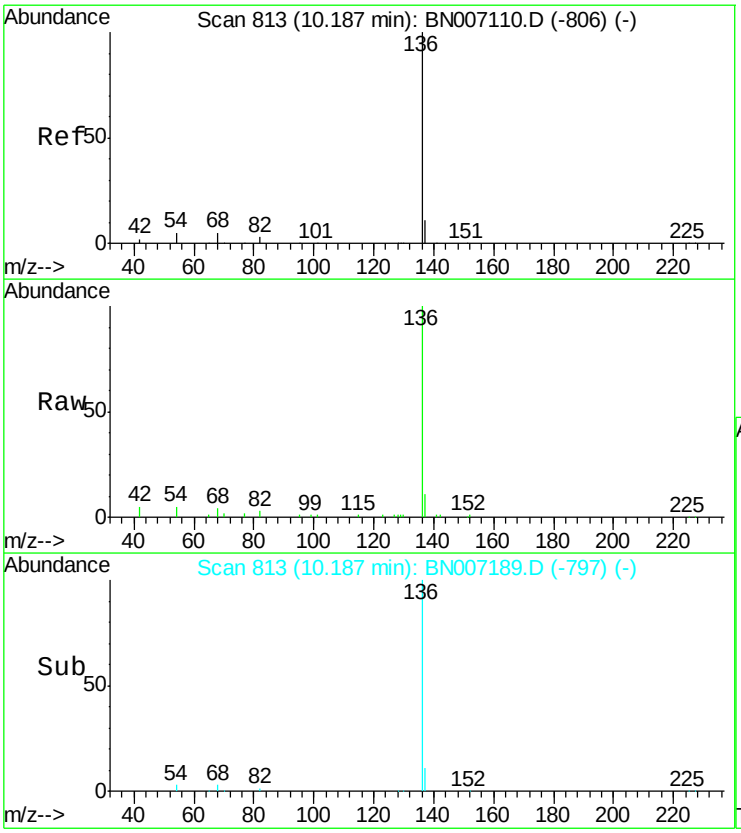
#5
bis(2-Chloroethyl)ether
Concen: 0.235 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 4579

Ion	Ratio	Lower	Upper
93	100		
63	67.7	55.6	83.4
95	33.2	26.7	40.1

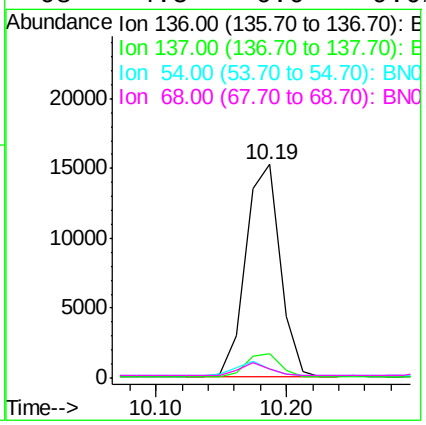


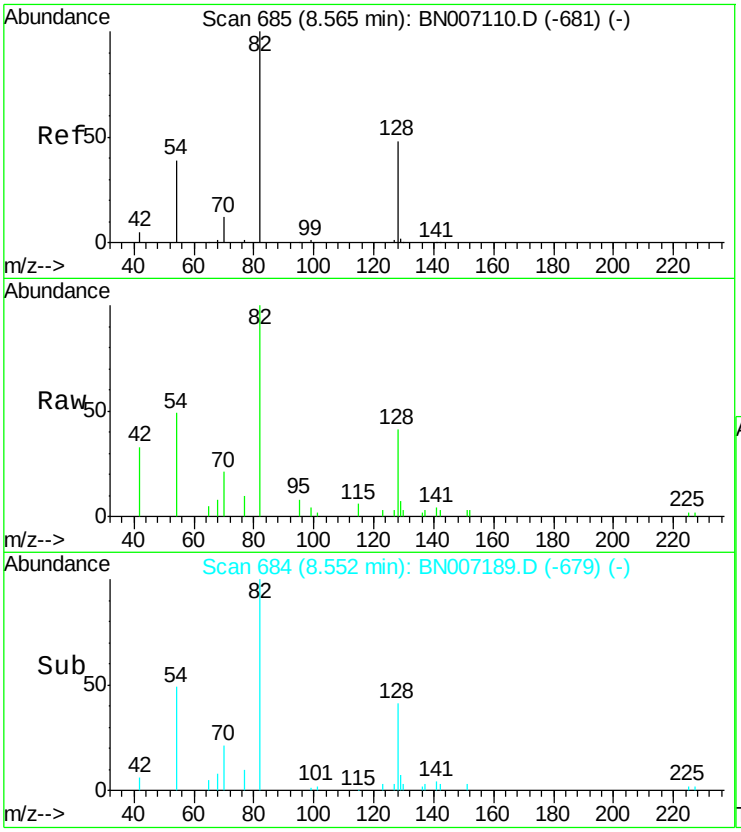


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:136 Resp: 27882

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	4.5	6.6	9.8#
68	4.5	6.0	9.0#



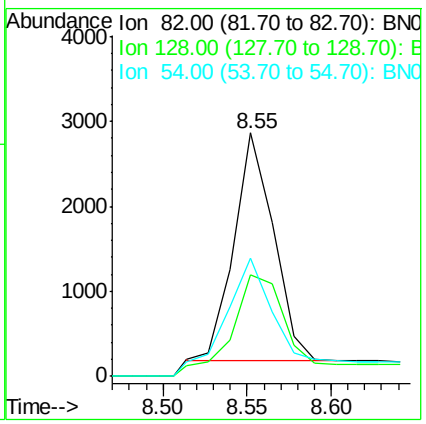


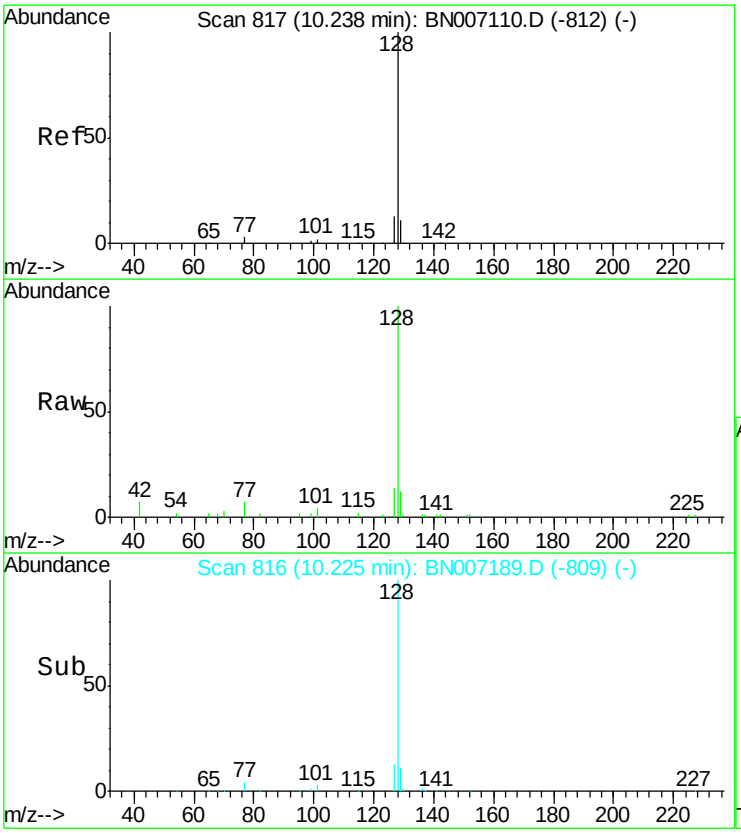
#7
Nitrobenzene-d5
Concen: 0.195 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 4376

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	48.6	36.2	54.4

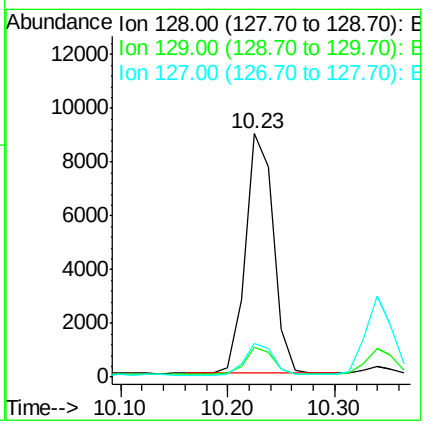


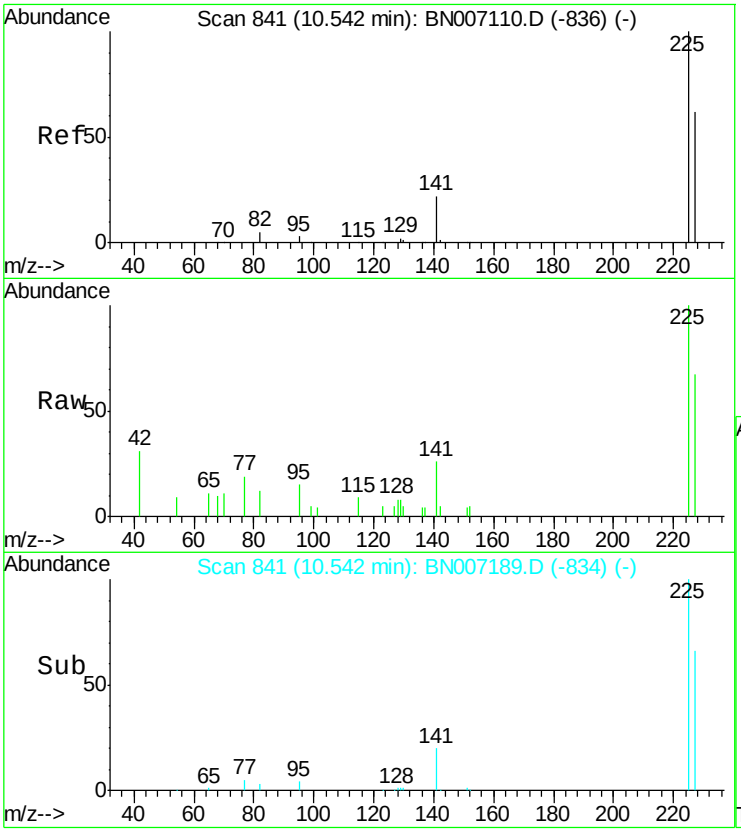


#8
Naphthalene
Concen: 0.208 ng
RT: 10.23 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:128 Resp: 16273

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.8	11.0	16.6



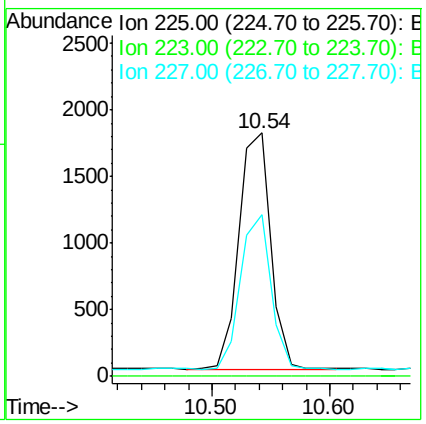


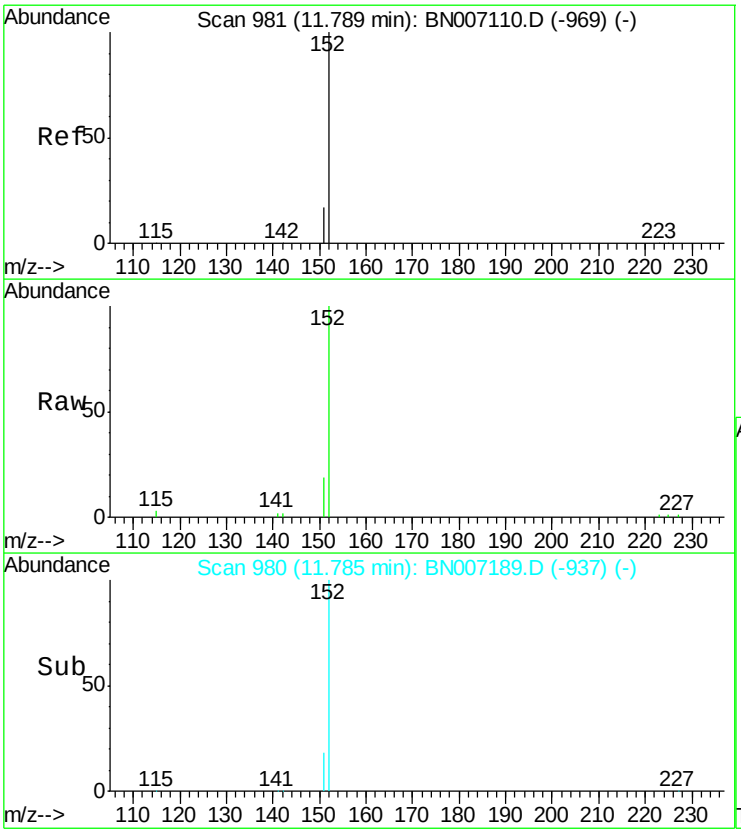
#9
Hexachlorobutadiene
Concen: 0.198 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 3303

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.1	76.7

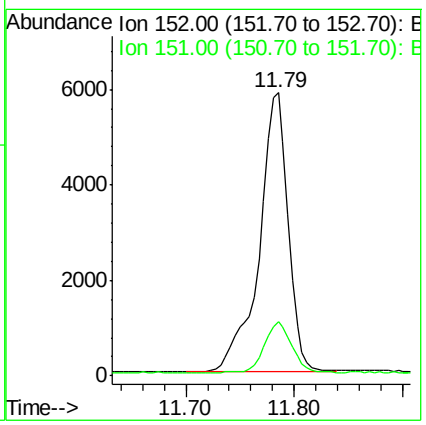


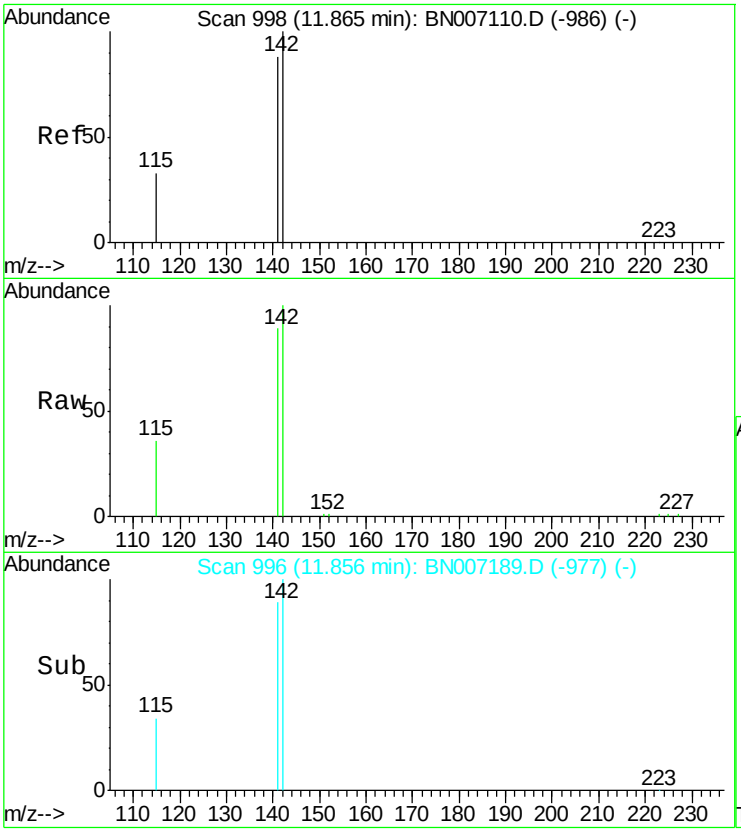


#10
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:152 Resp: 10890

Ion	Ratio	Lower	Upper
152	100		
151	16.7	15.5	23.3



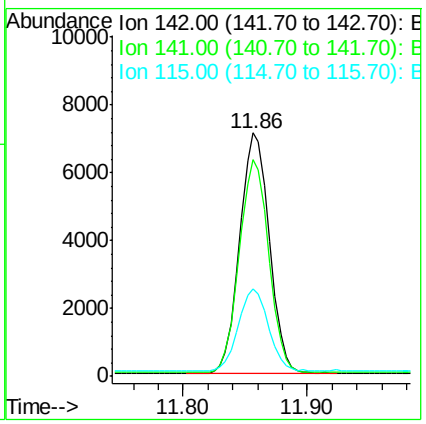


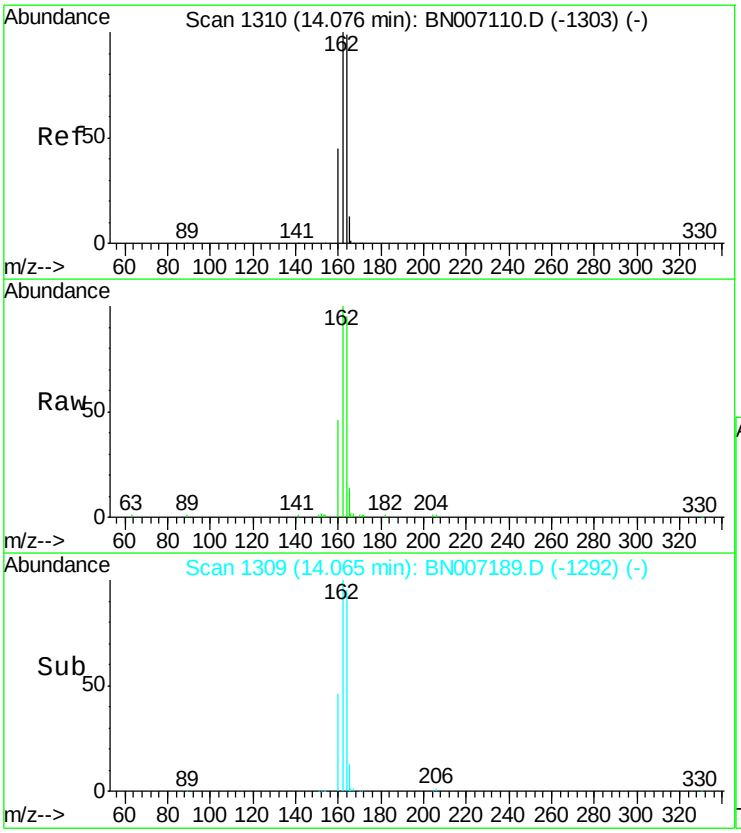
#11
2-Methylnaphthalene
Concen: 0.211 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 11707

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.0	103.6
115	36.0	27.1	40.7

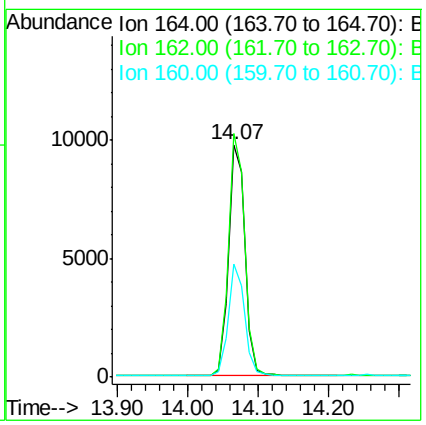


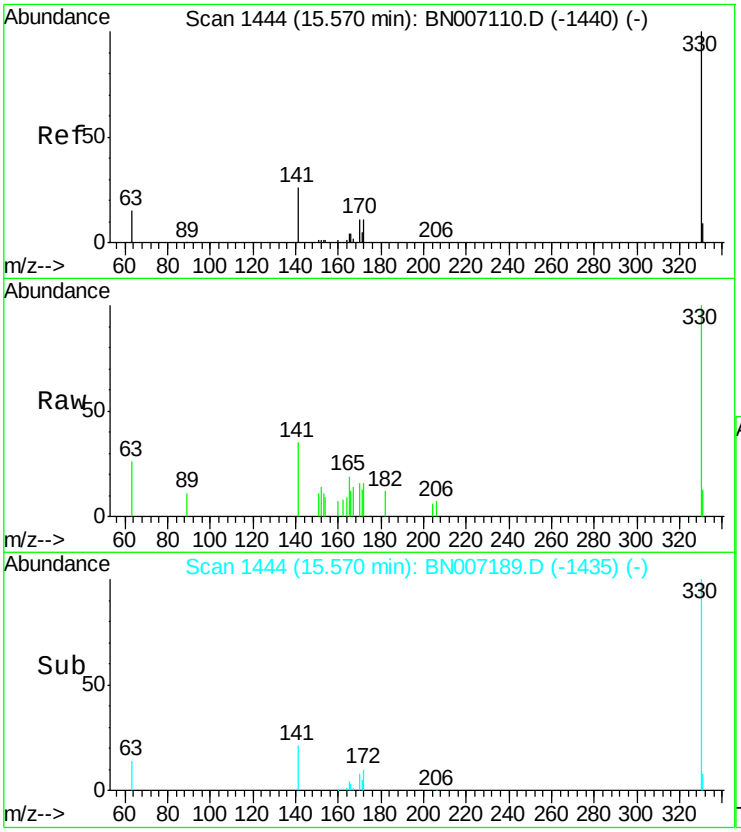


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:164 Resp: 15968

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	48.4	38.3	57.5



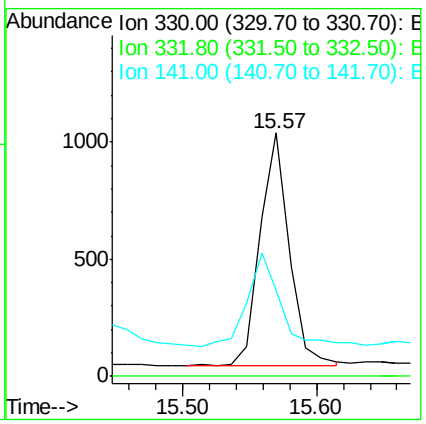


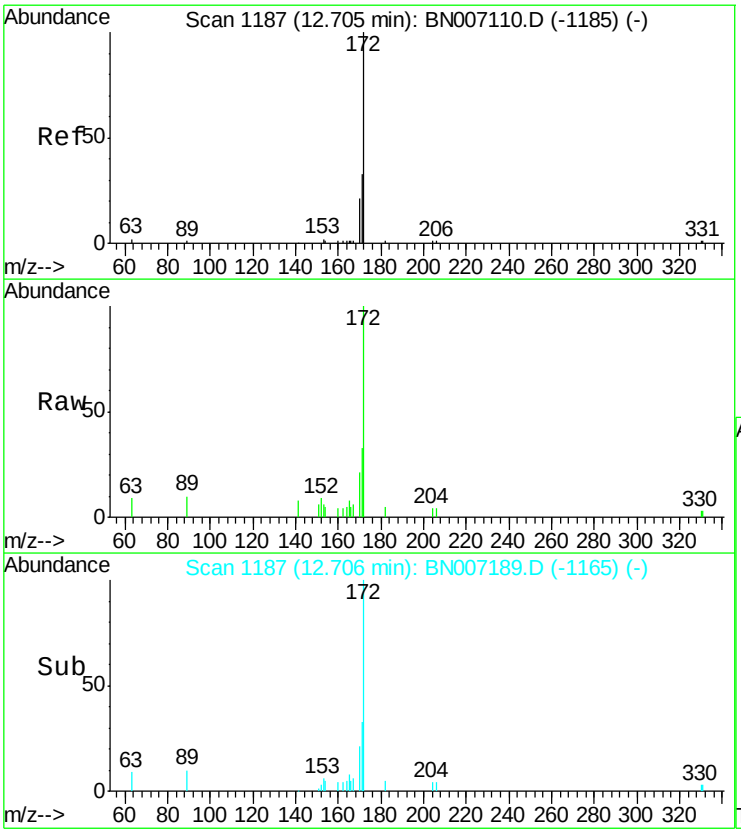
#13
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1513

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.4	33.6	50.4

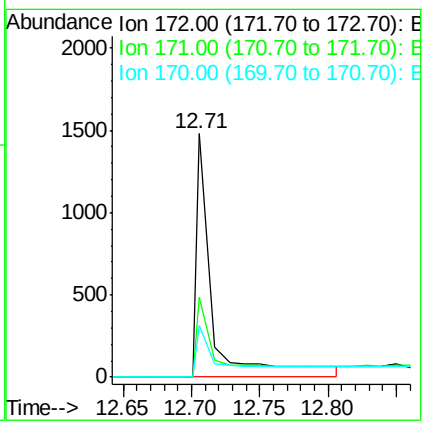


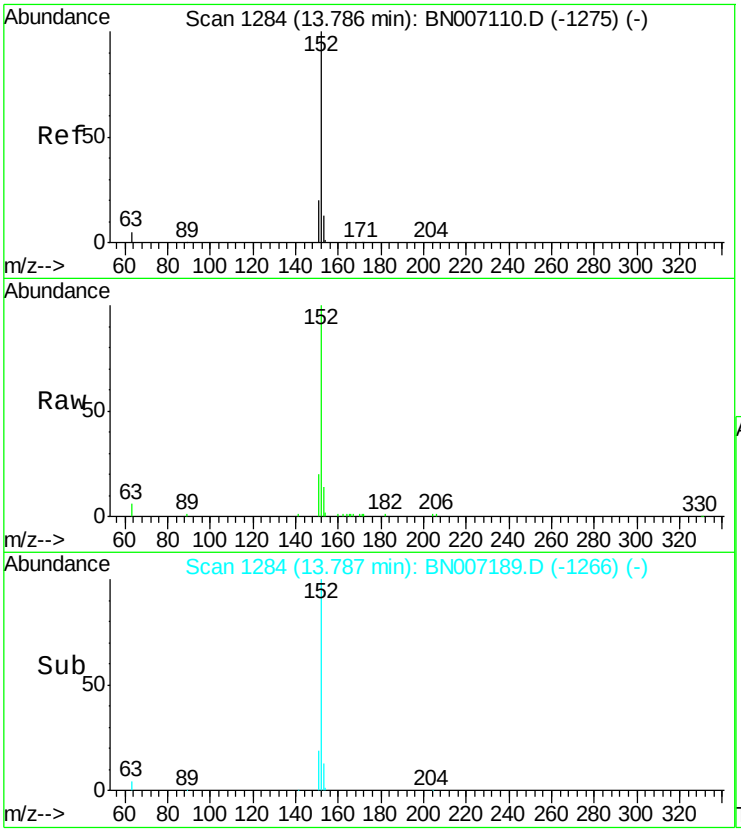


#14
2-Fluorobiphenyl
Concen: 0.058 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:172 Resp: 1335

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.3	39.5
170	21.4	17.0	25.4



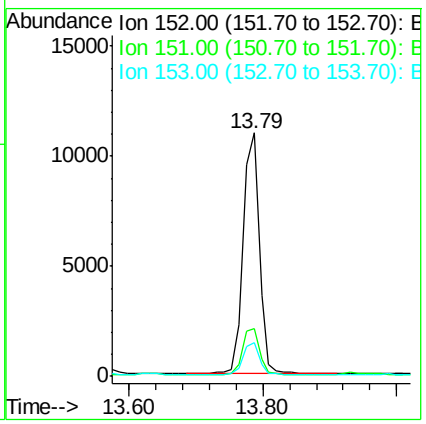


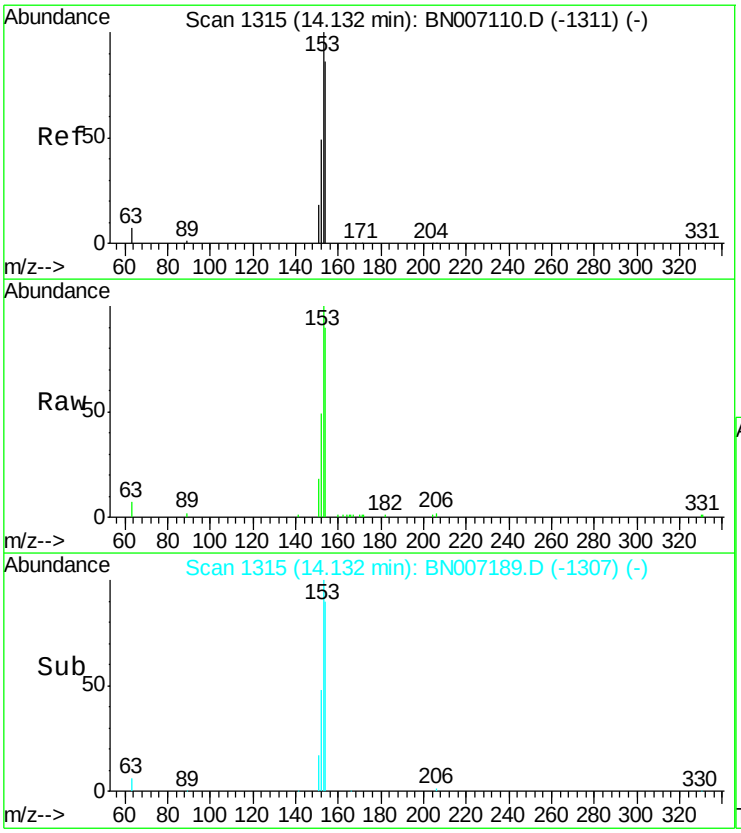
#15
Acenaphthylene
Concen: 0.220 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 18354

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.2	10.4	15.6

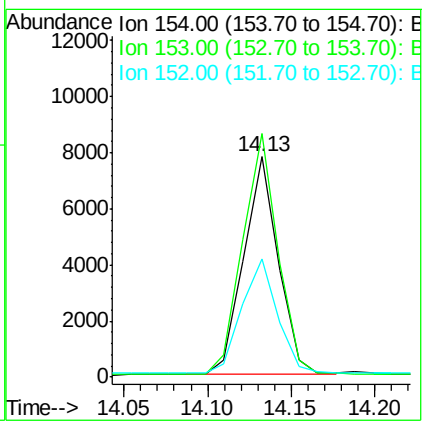


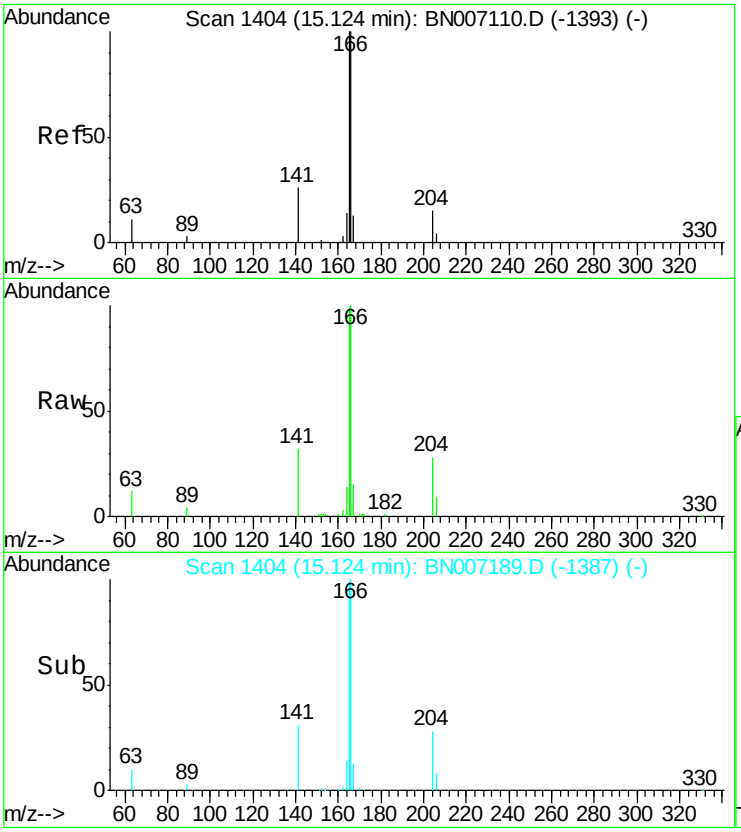


#16
Acenaphthene
Concen: 0.208 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:154 Resp: 11138

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.5	134.3
152	55.9	44.8	67.2



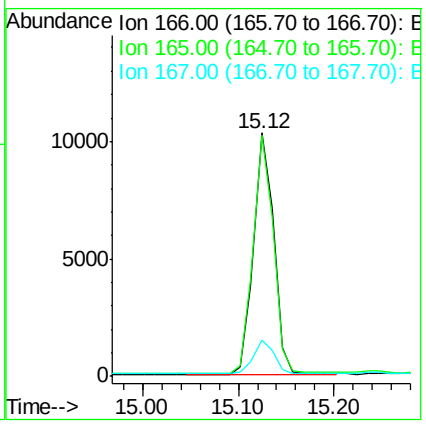


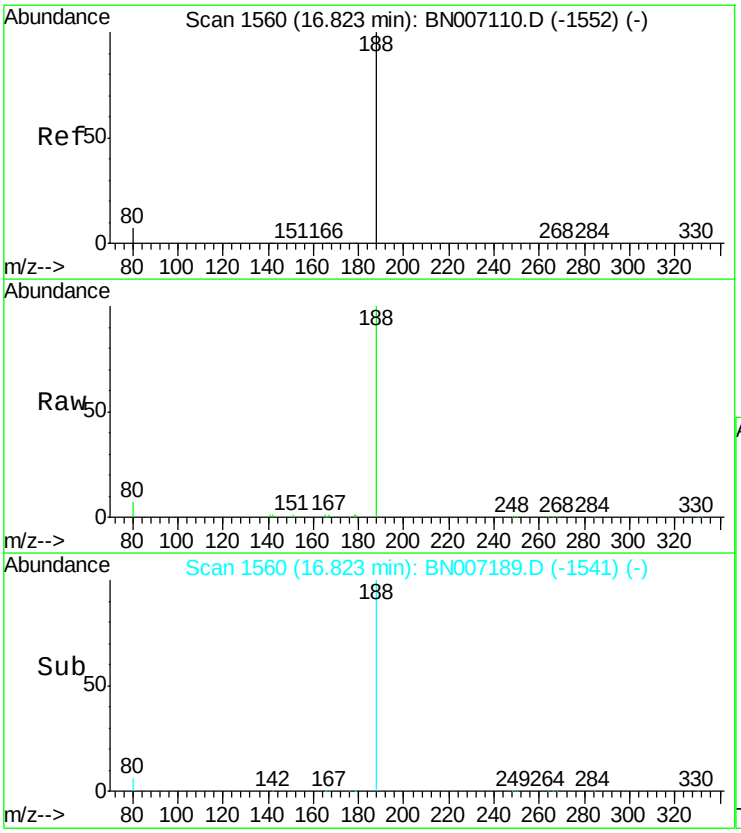
#17
Fluorene
Concen: 0.191 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 15263

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.9	10.9	16.3

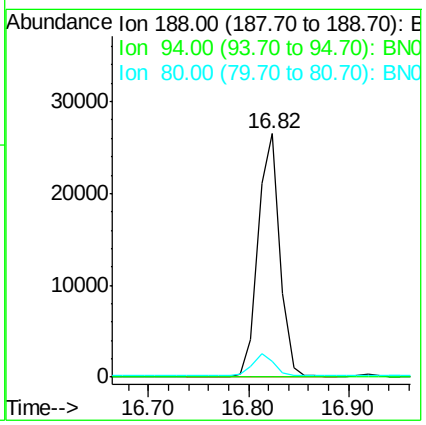


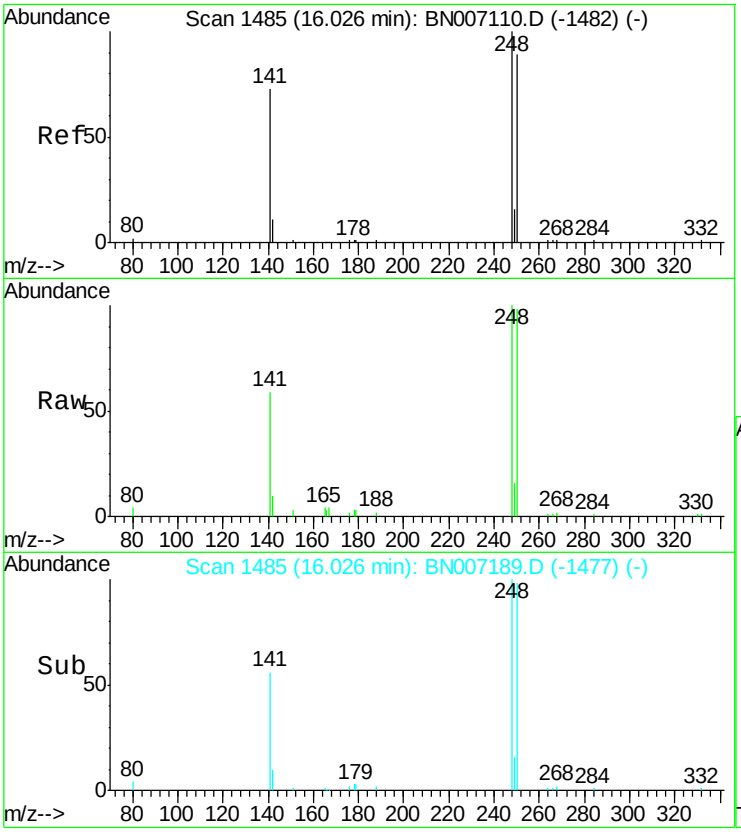


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:188 Resp: 39497

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	7.8	11.6#



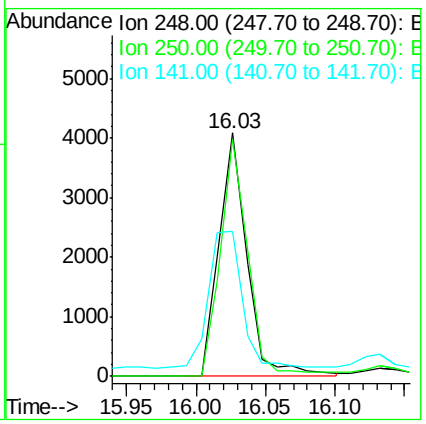


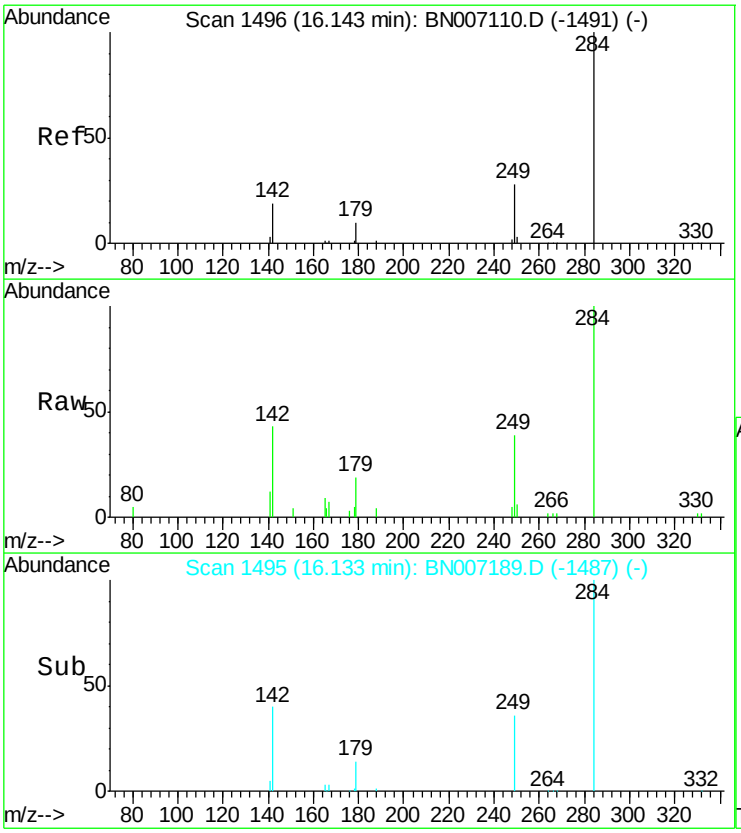
#19
4-Bromophenyl-phenylether
Concen: 0.232 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 5663

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.9	118.3
141	59.5	43.3	64.9

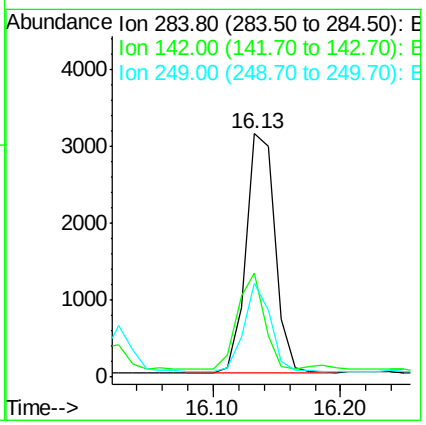


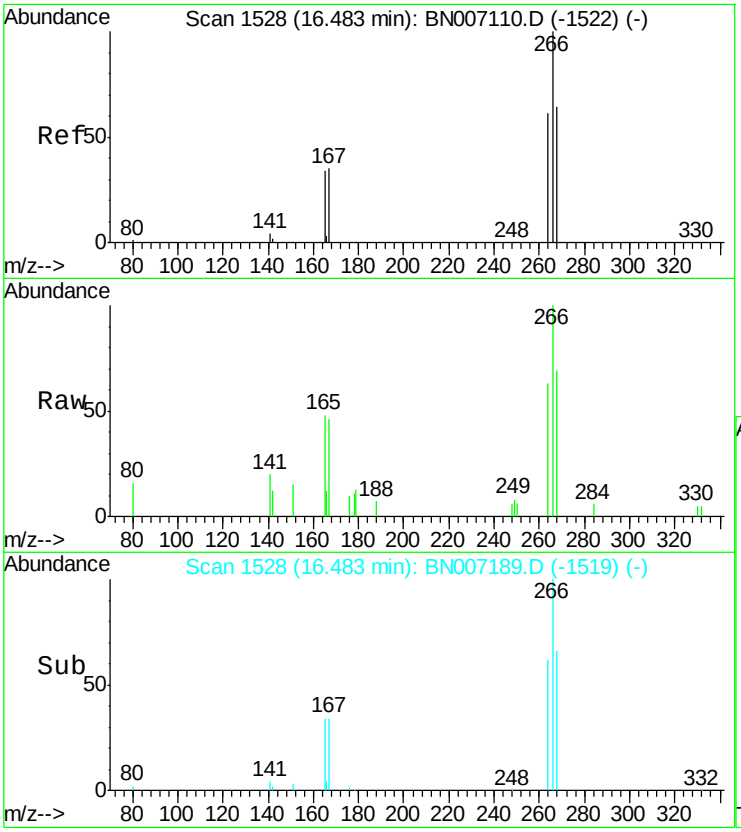


#20
Hexachlorobenzene
Concen: 0.210 ng
RT: 16.13 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:284 Resp: 4923

Ion	Ratio	Lower	Upper
284	100		
142	37.5	30.5	45.7
249	34.1	26.7	40.1



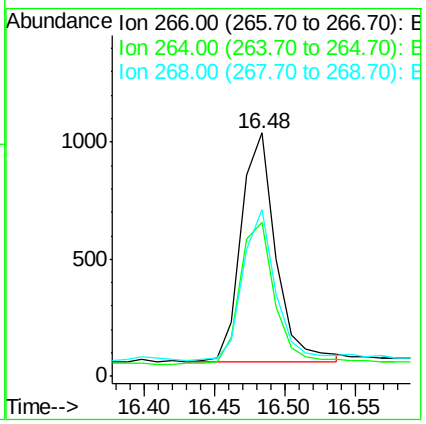


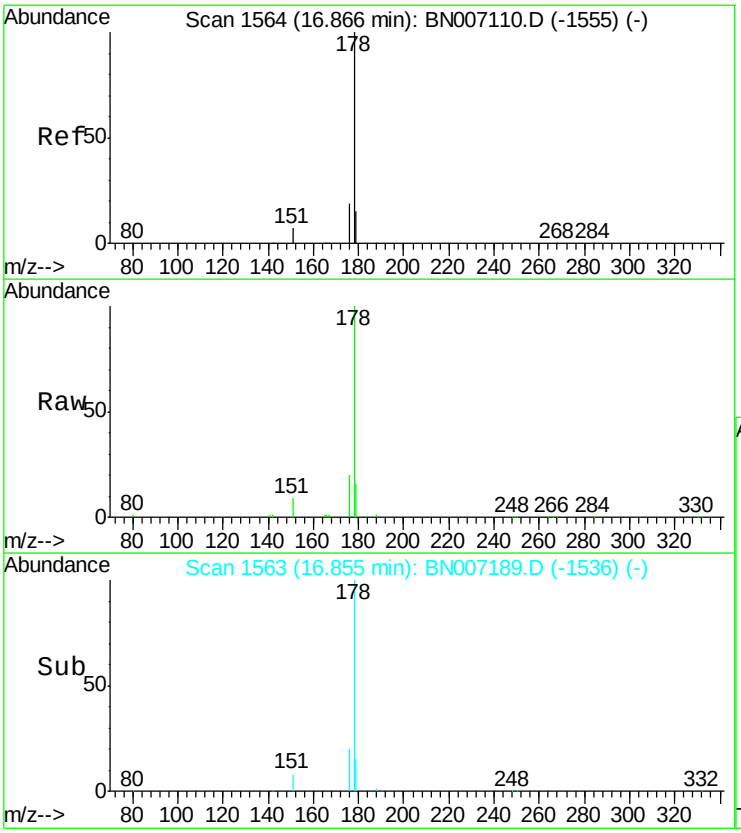
#21
Pentachlorophenol
Concen: 0.191 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 1675

Ion	Ratio	Lower	Upper
266	100		
264	63.3	52.3	78.5
268	68.7	51.5	77.3

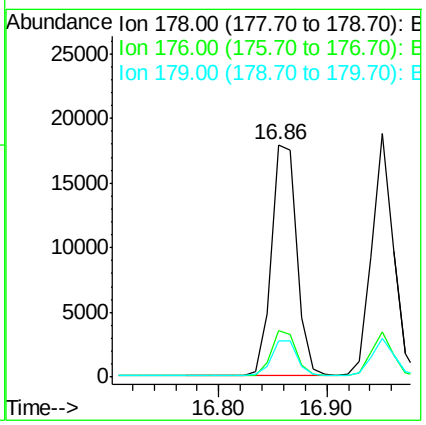


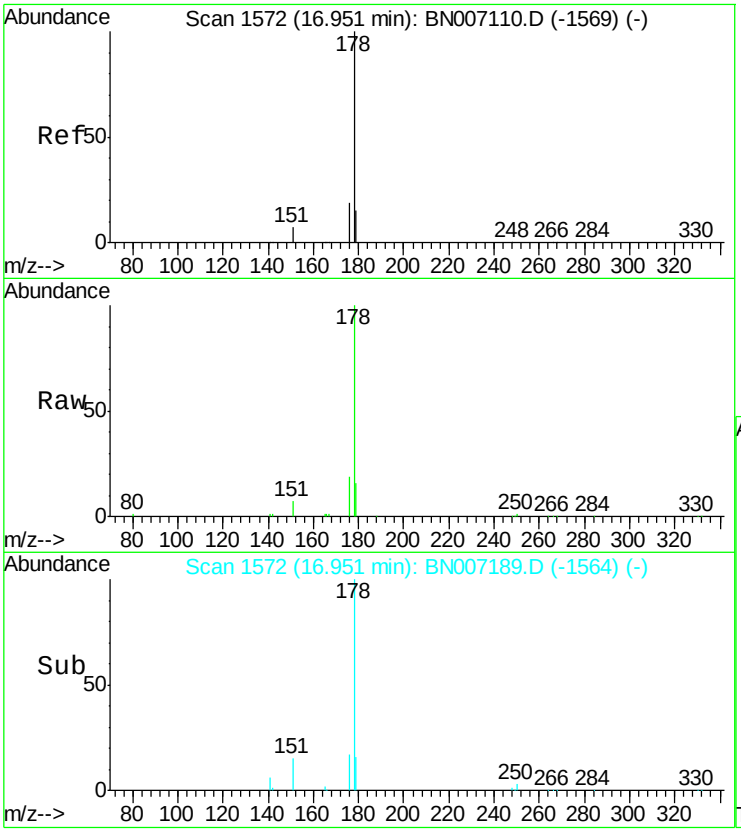


#22
Phenanthrene
Concen: 0.245 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:178 Resp: 29058

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.5	12.3	18.5



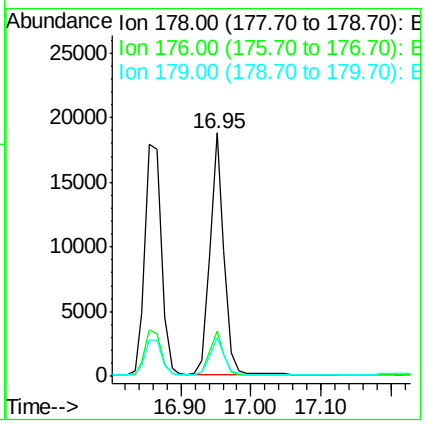


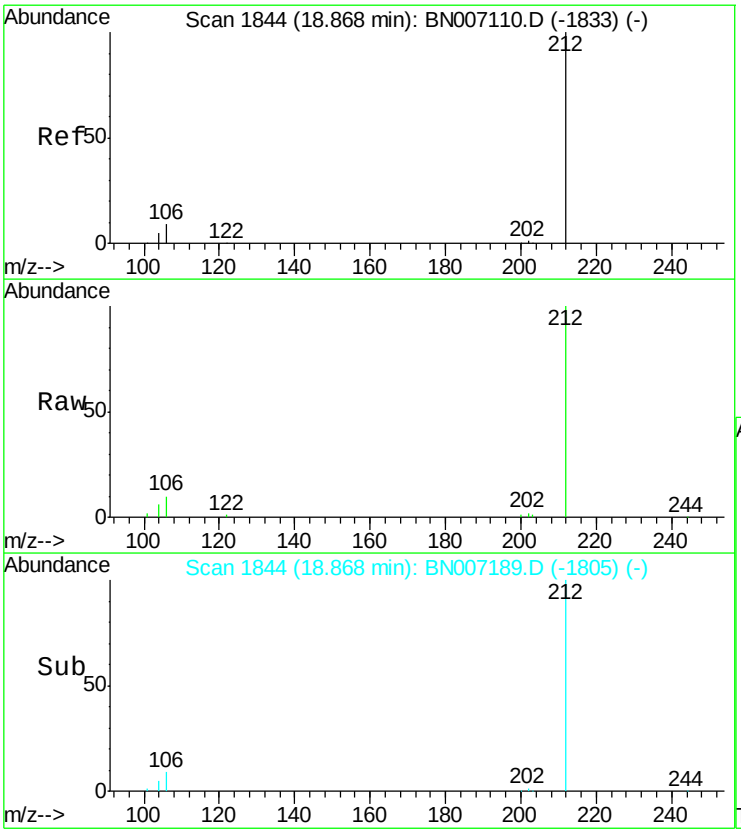
#23
Anthracene
Concen: 0.241 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 26064

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.4	12.5	18.7

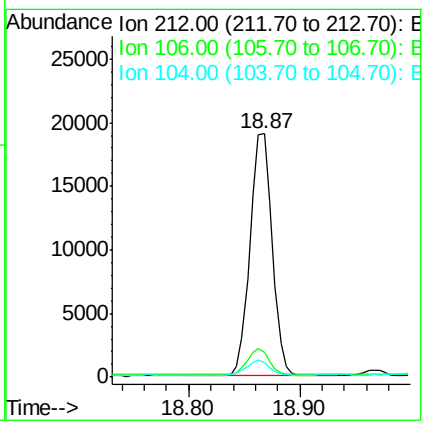


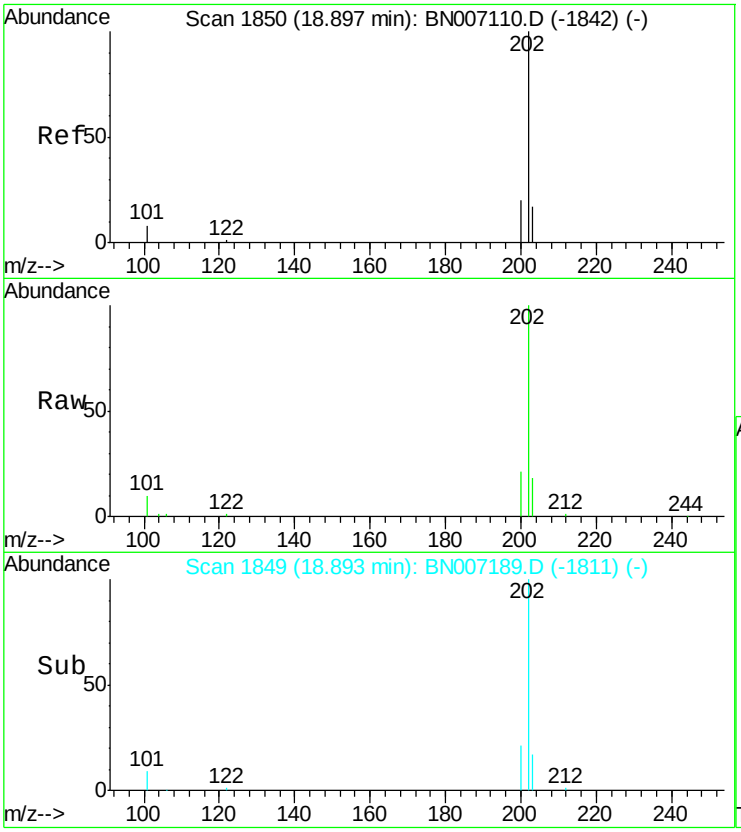


#24
Fluoranthene-d10
Concen: 0.188 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:212 Resp: 26359

Ion	Ratio	Lower	Upper
212	100		
106	10.9	8.2	12.2
104	5.8	4.5	6.7



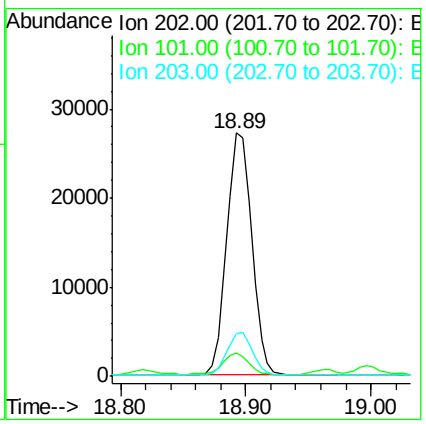


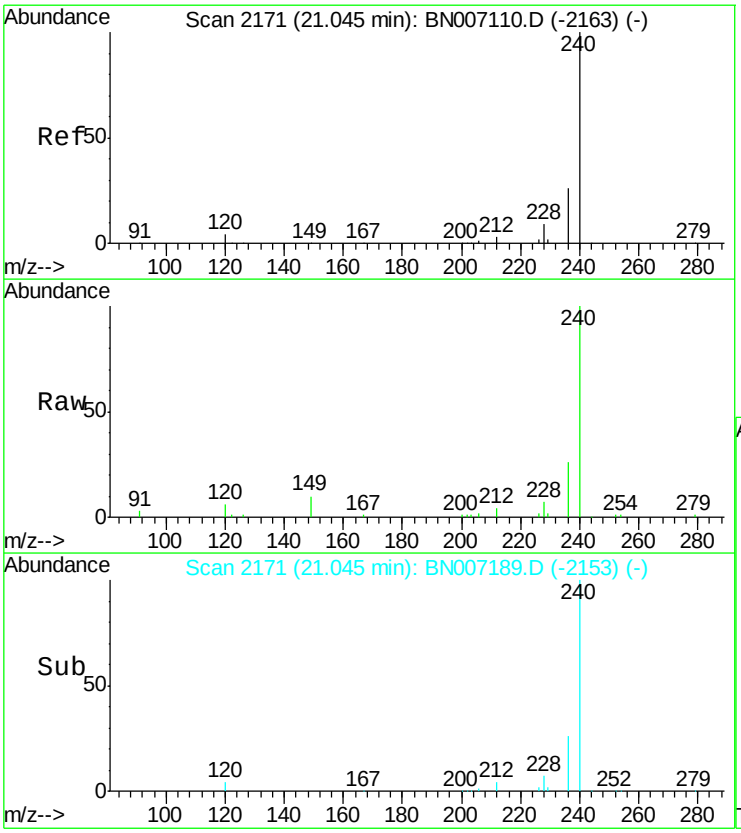
#25
Fluoranthene
Concen: 0.248 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 37509

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	17.2	13.8	20.8

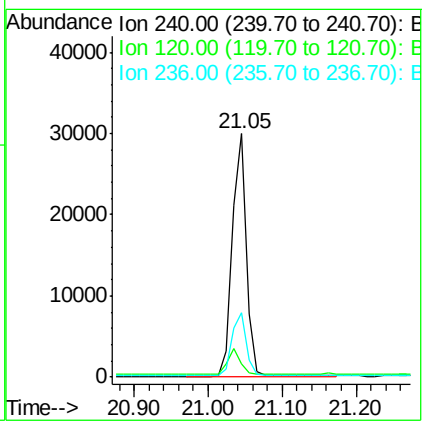


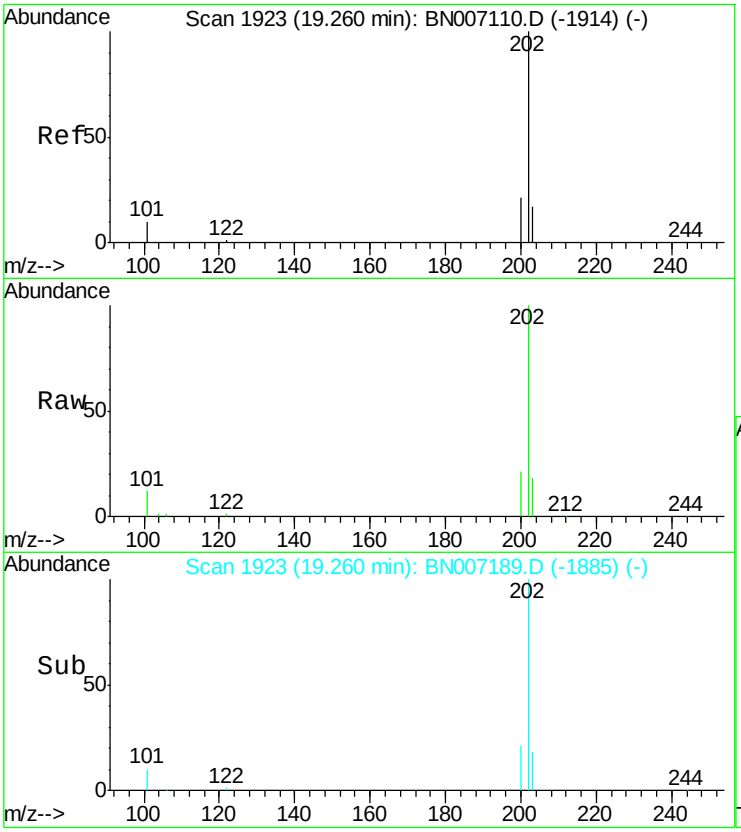


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:240 Resp: 40082

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.0	6.0
236	26.4	21.3	31.9



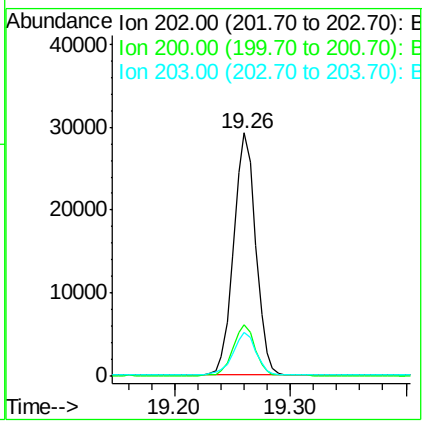


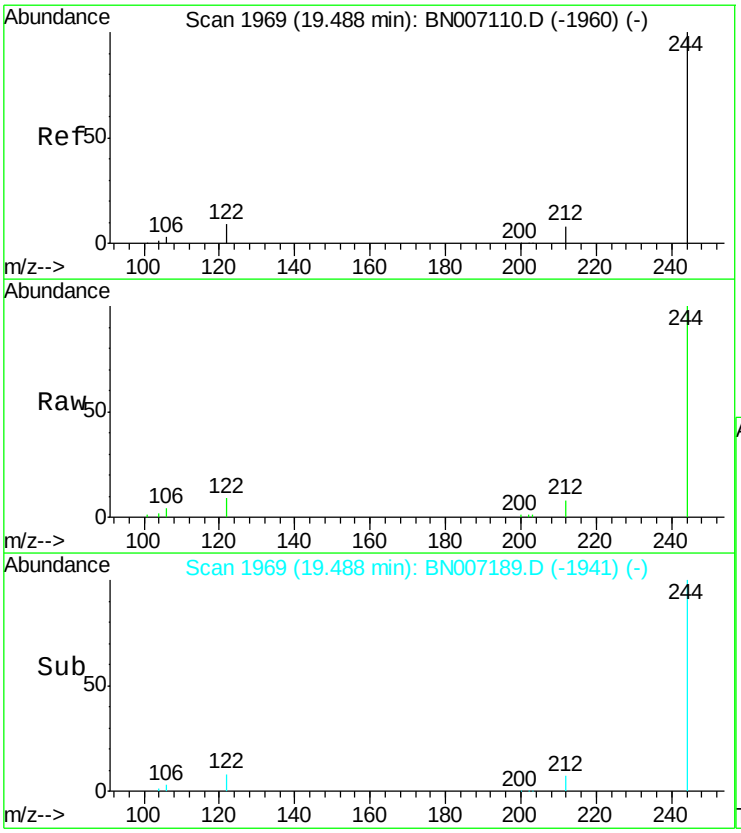
#27
Pyrene
Concen: 0.276 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 38814

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	18.2	14.0	21.0

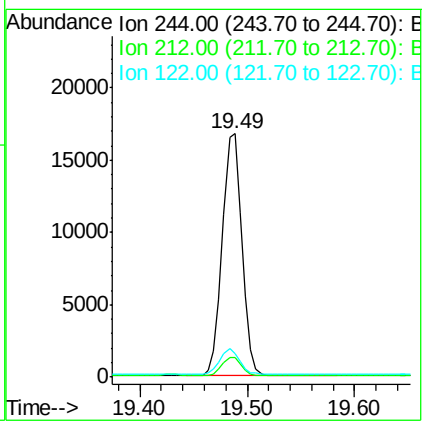


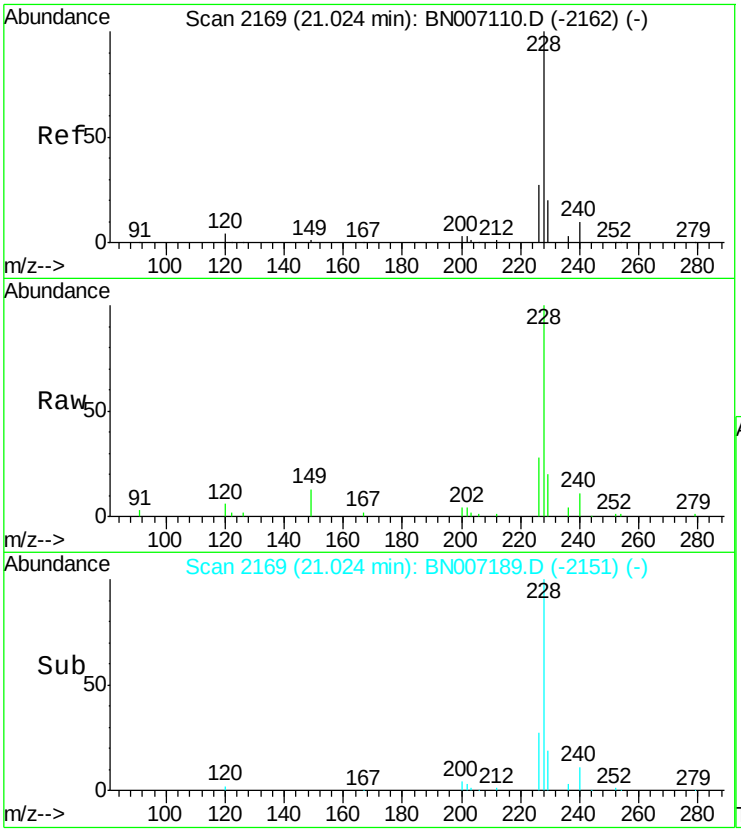


#28
Terphenyl-d14
Concen: 0.195 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:244 Resp: 21250

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	9.5	7.4	11.2



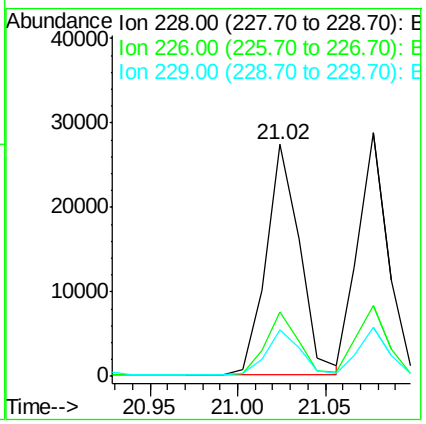


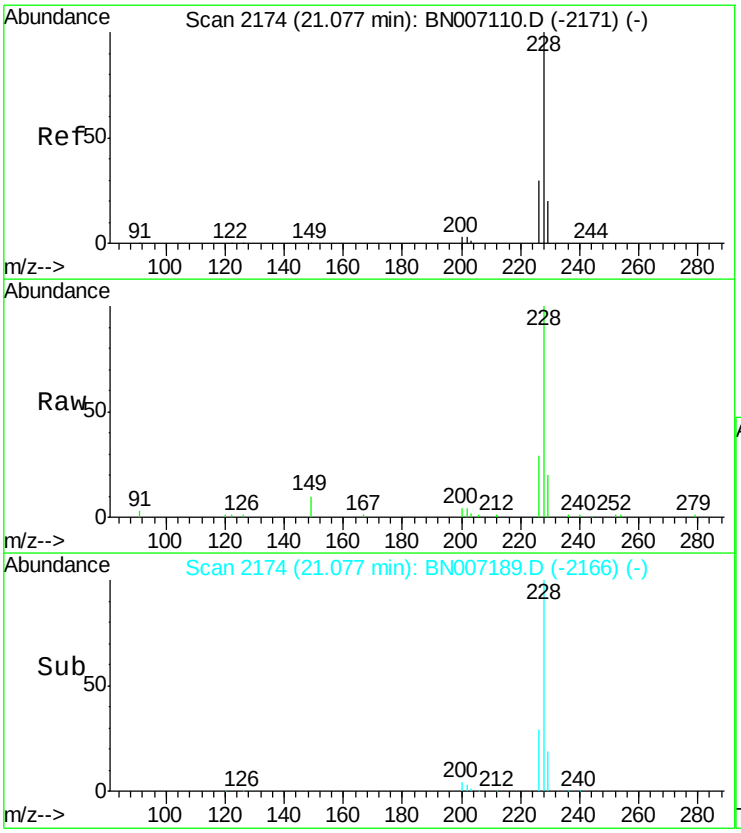
#29
Benzo(a)anthracene
Concen: 0.249 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 36483

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.9	15.6	23.4

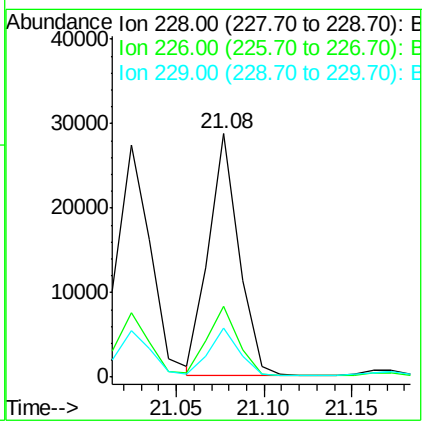


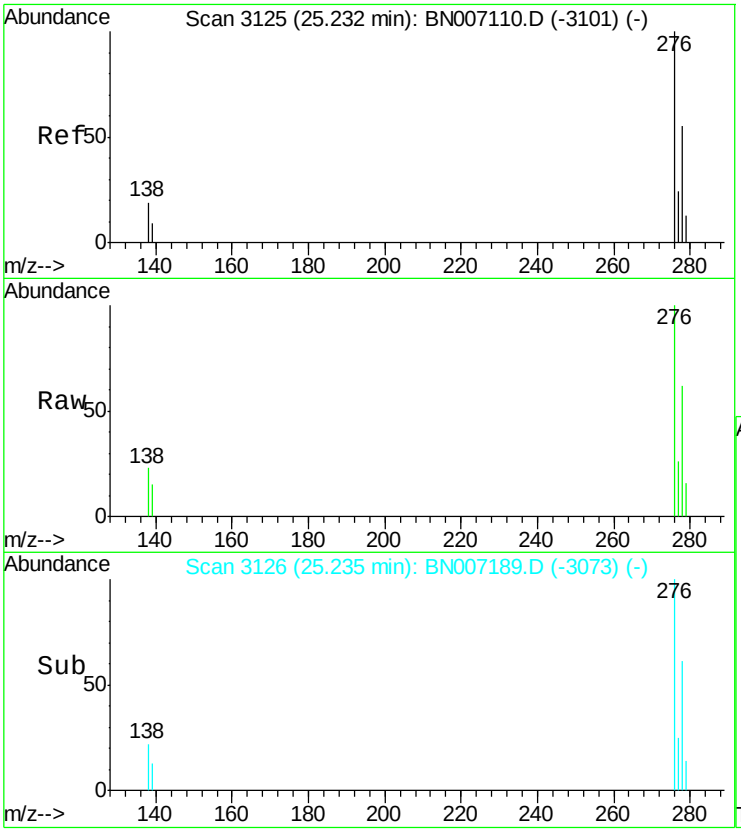


#30
Chrysene
Concen: 0.240 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:228 Resp: 34241

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.9	15.7	23.5



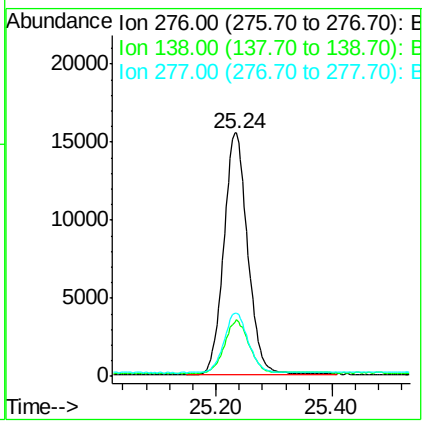


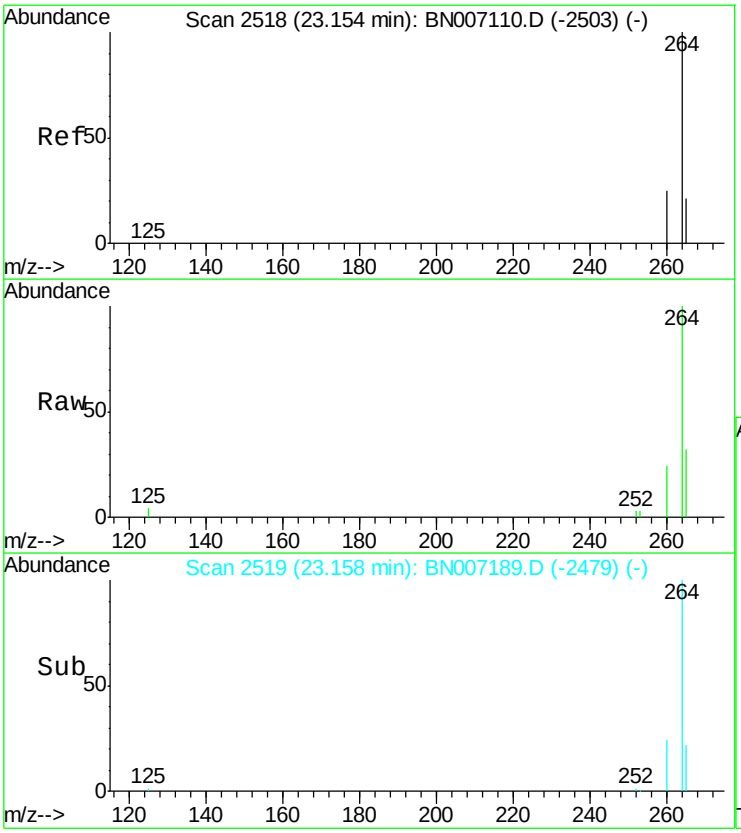
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.282 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 44233

Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.0	24.0
277	25.1	19.9	29.9

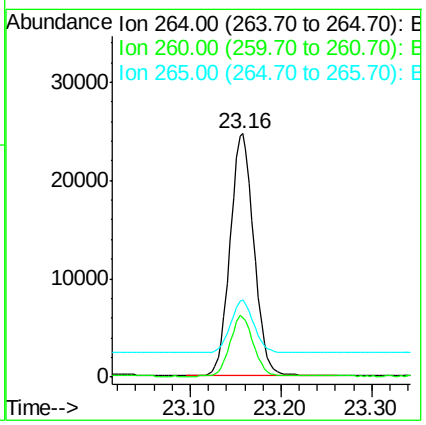


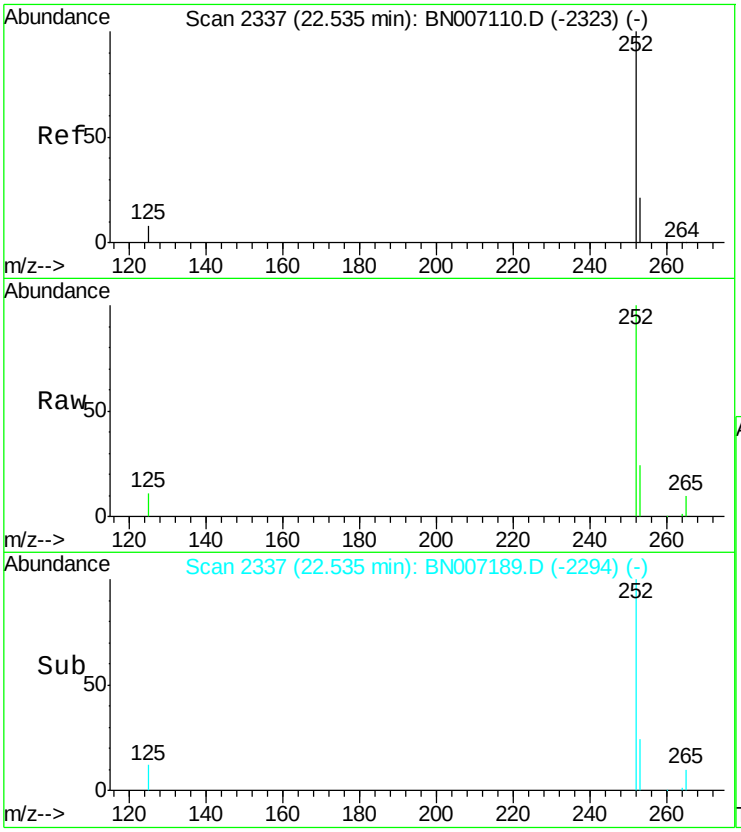


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:264 Resp: 44670

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	31.6	26.2	39.4



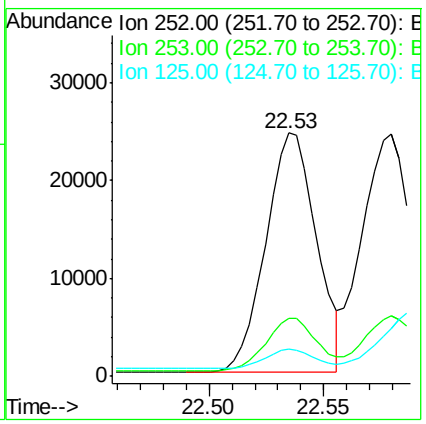


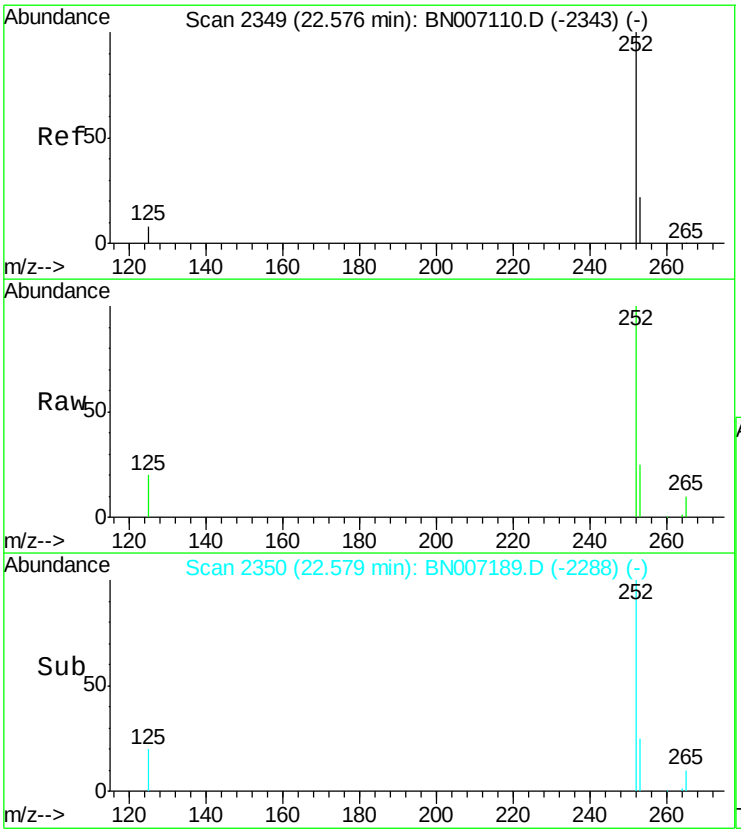
#33
Benzo(b)fluoranthene
Concen: 0.245 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37580

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.4	7.4	11.0#

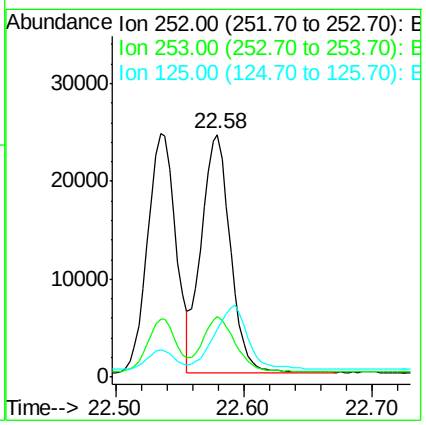


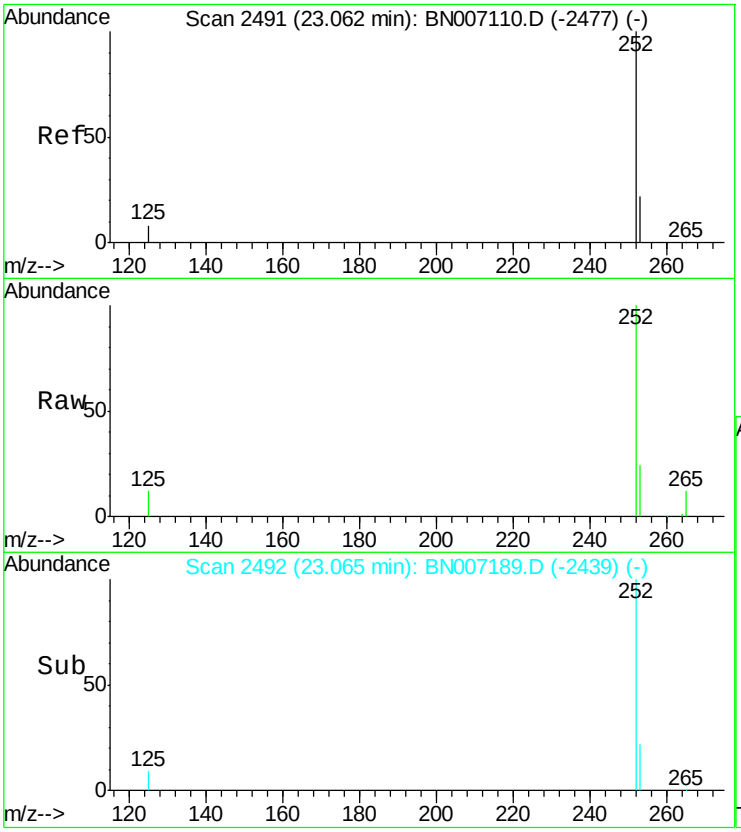


#34
Benzo(k)fluoranthene
Concen: 0.253 ng
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:252 Resp: 38228

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	19.9	7.4	11.0#



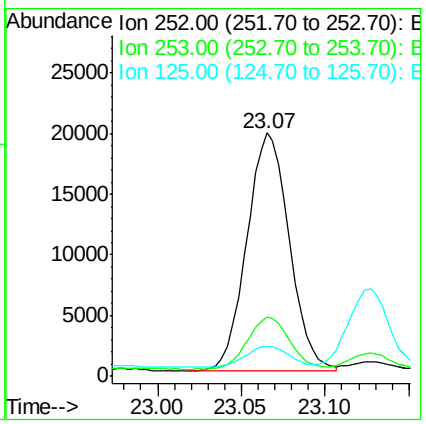


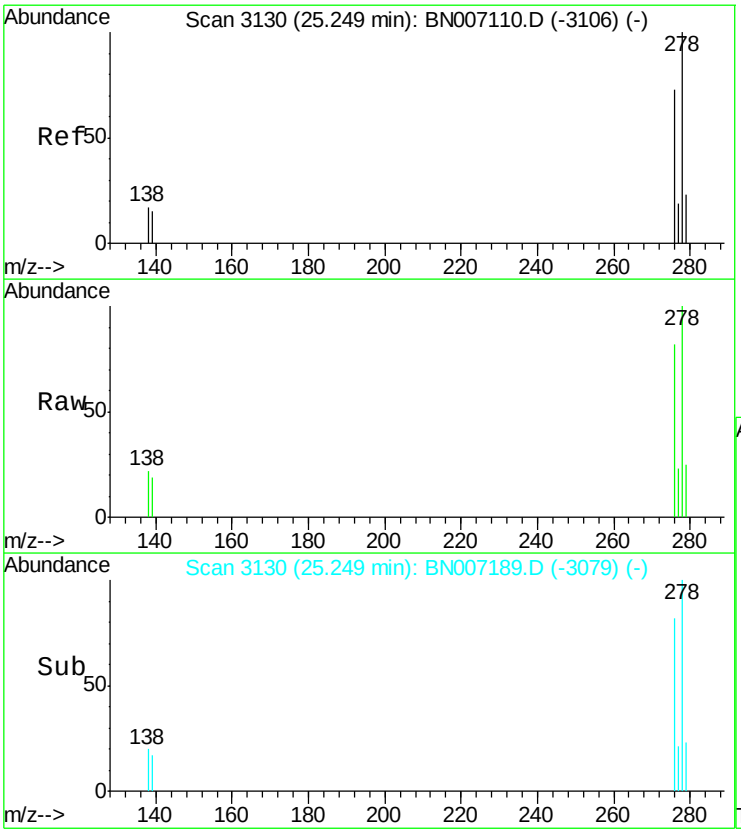
#35
Benzo(a)pyrene
Concen: 0.250 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 34782

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	12.5	8.2	12.4#

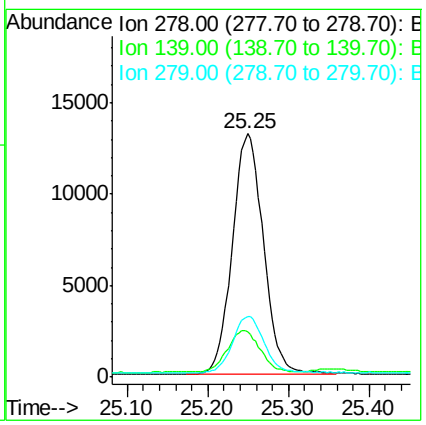


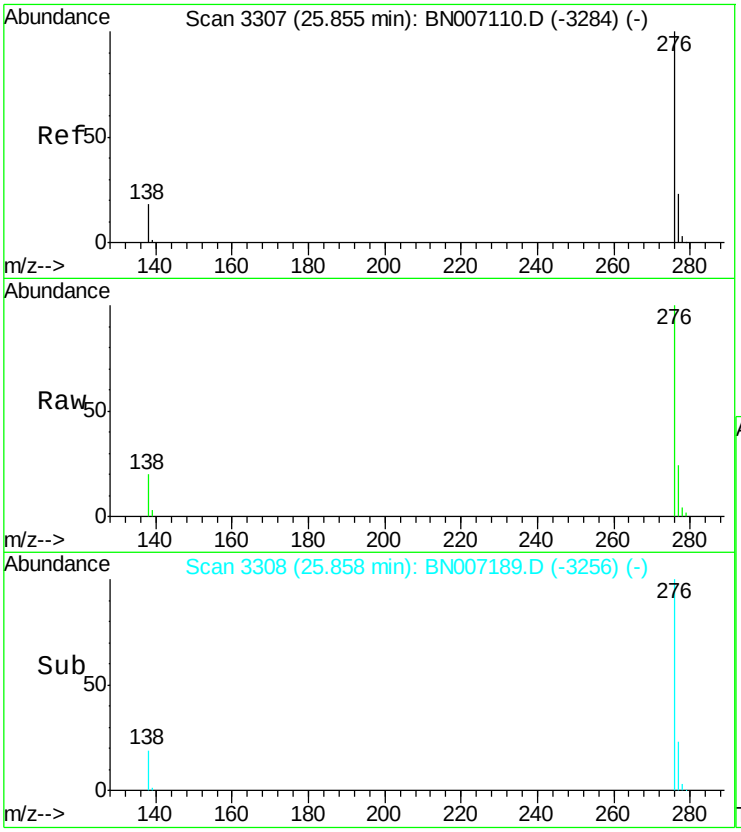


#36
Dibenzo(a,h)anthracene
Concen: 0.255 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Tgt Ion:278 Resp: 35296

Ion	Ratio	Lower	Upper
278	100		
139	18.6	11.3	16.9#
279	25.0	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.261 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007189.D
Acq: 15 Aug 2019 10:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37227

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	20.3	14.6	22.0