Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010159.D
Acq On : 10 Mar 2020 13:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 10 18:43:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	927	0.40	ng		-0.06
7) Naphthalene-d8	10.11	136	3128	0.40	ng		-0.06
13) Acenaphthene-d10	14.00	164	1898	0.40	ng		-0.06
19) Phenanthrene-d10	16.77	188	3969	0.40	ng		-0.04
27) Chrysene-d12	20.99	240	3899	0.40	ng		-0.04
34) Perylene-d12	23.10	264	4168	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	945	0.46	ng		-0.05
5) Phenol-d6	6.61	99	1079	0.43	ng		-0.04
8) Nitrobenzene-d5	8.55	82	1067	0.41	ng		-0.04
11) 2-Methylnaphthalene-d10	11.73	152	2310	0.38	ng		-0.05
14) 2,4,6-Tribromophenol	15.54	330	310	0.42	ng		-0.04
15) 2-Fluorobiphenyl	12.63	172	2791	0.39	ng		-0.06
25) Fluoranthene-d10	18.82	212	5092	0.37	ng		-0.04
29) Terphenyl-d14	19.43	244	3309	0.36	ng		-0.04
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.39	42	831	0.533	ng	#	99
6) bis(2-Chloroethyl)ether	6.83	93	1030	0.422	ng		93
9) Naphthalene	10.16	128	3314	0.388	ng		99
10) Hexachlorobutadiene	10.43	225	757	0.403	ng	#	98
12) 2-Methylnaphthalene	11.81	142	2194	0.375	ng		97
16) Acenaphthylene	13.72	152	3112	0.385	ng		99
17) Acenaphthene	14.07	154	2114	0.372	ng		98
18) Fluorene	15.07	166	2704	0.360	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	203	Below Cal			95
21) Hexachlorobenzene	16.08	284	963	0.390	ng		96
22) Pentachlorophenol	16.46	266	261	0.494	ng		95
23) Phenanthrene	16.82	178	4268	0.361	ng		99
24) Anthracene	16.92	178	3771	0.378	ng		99
26) Fluoranthene	18.85	202	5168	0.365	ng		99
28) Pyrene	19.22	202	5316	0.359	ng		100
30) Benzo(a)anthracene	20.98	228	4703	0.363	ng		100
31) Chrysene	21.03	228	5438	0.363	ng		100
32) Bis(2-ethylhexyl)phthalate	20.92	149	3086	0.489	ng		95
33) Indeno(1,2,3-cd)pyrene	25.13	276	6665	0.428	ng		98
35) Benzo(b)fluoranthene	22.48	252	5566	0.365	ng		98
36) Benzo(k)fluoranthene	22.52	252	5847	0.352	ng		99
37) Benzo(a)pyrene	23.01	252	5393	0.388	ng	#	96
38) Dibenzo(a,h)anthracene	25.13	278	5181	0.378	ng		98
39) Benzo(g,h,i)perylene	25.75	276	5705	0.391	ng		99

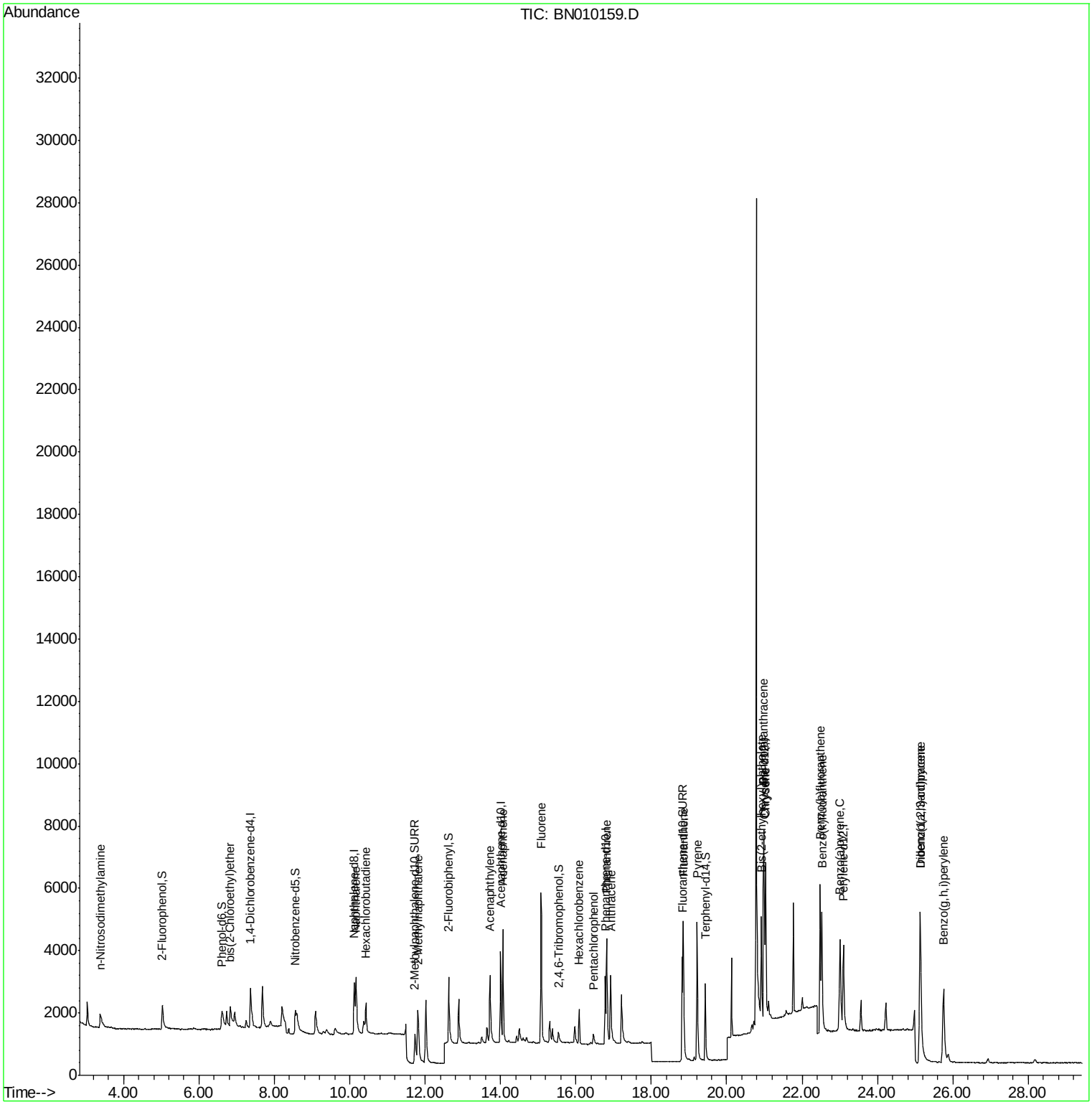
(#) = qualifier out of range (m) = manual integration (+) = signals summed

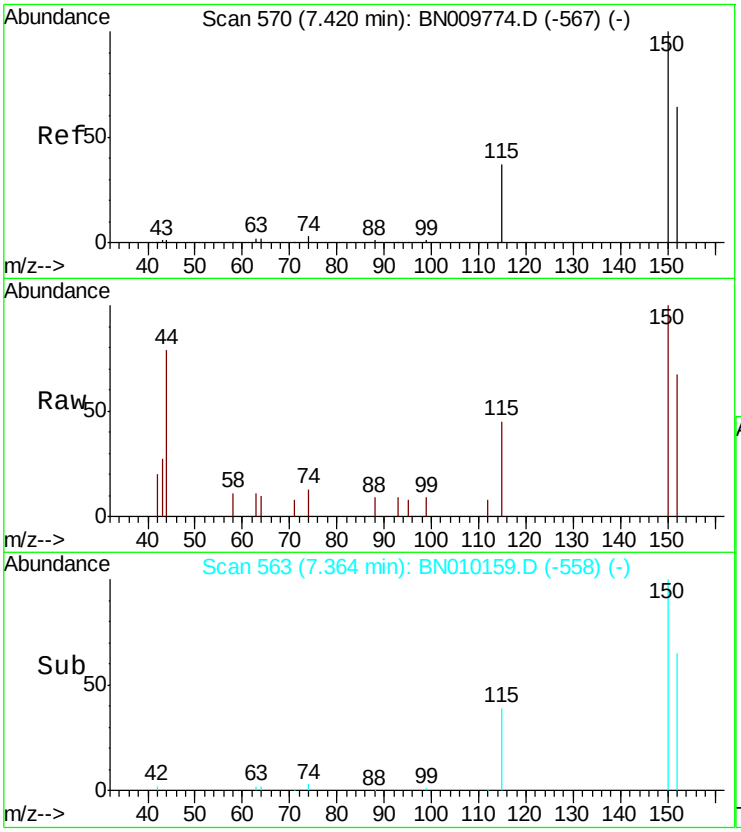
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010159.D
Acq On : 10 Mar 2020 13:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 10 18:43:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



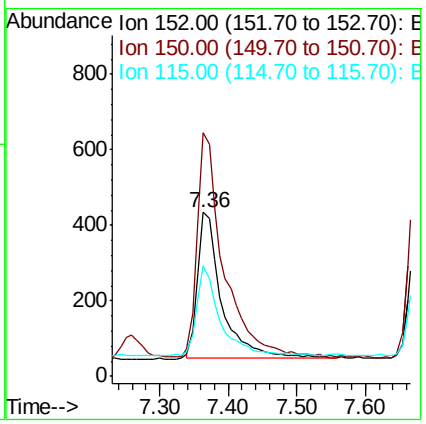


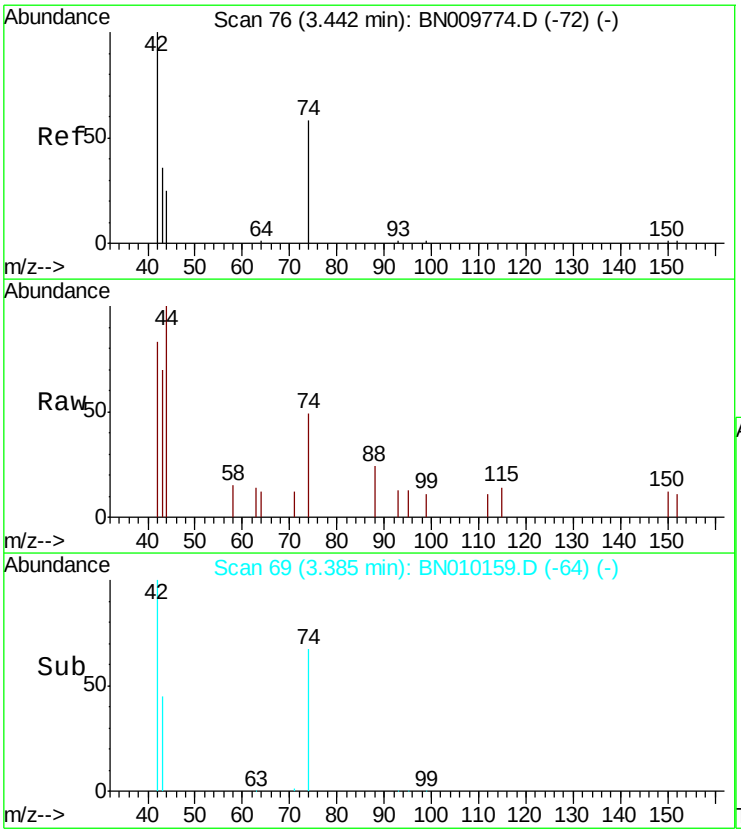
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.36 min Scan# 563
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 927

Ion	Ratio	Lower	Upper
152	100		
150	148.6	120.6	181.0
115	67.3	51.2	76.8

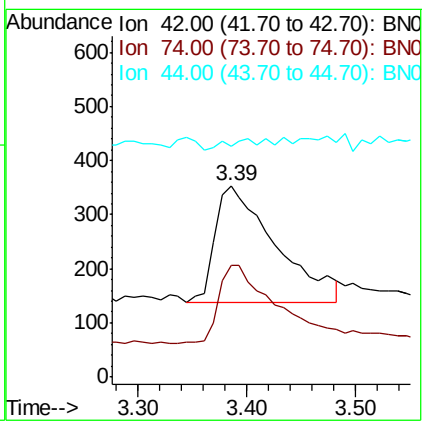


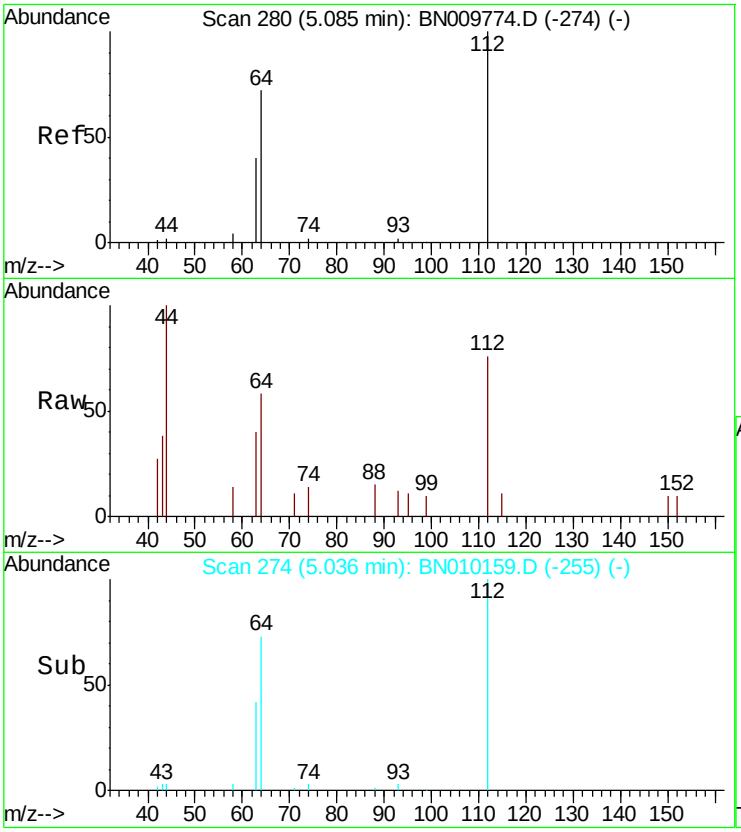


#3
n-Nitrosodimethylamine
Concen: 0.533 ng
RT: 3.39 min Scan# 69
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion: 42 Resp: 831

Ion	Ratio	Lower	Upper
42	100		
74	64.7	51.2	76.8
44	4.0	2.6	4.0#



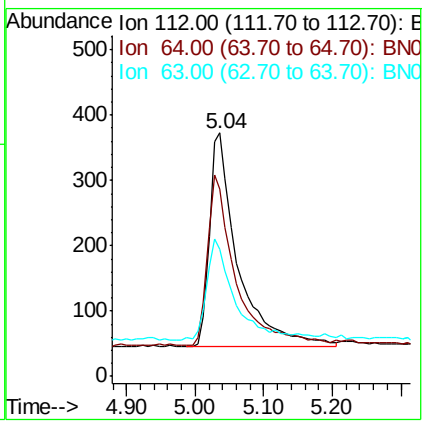


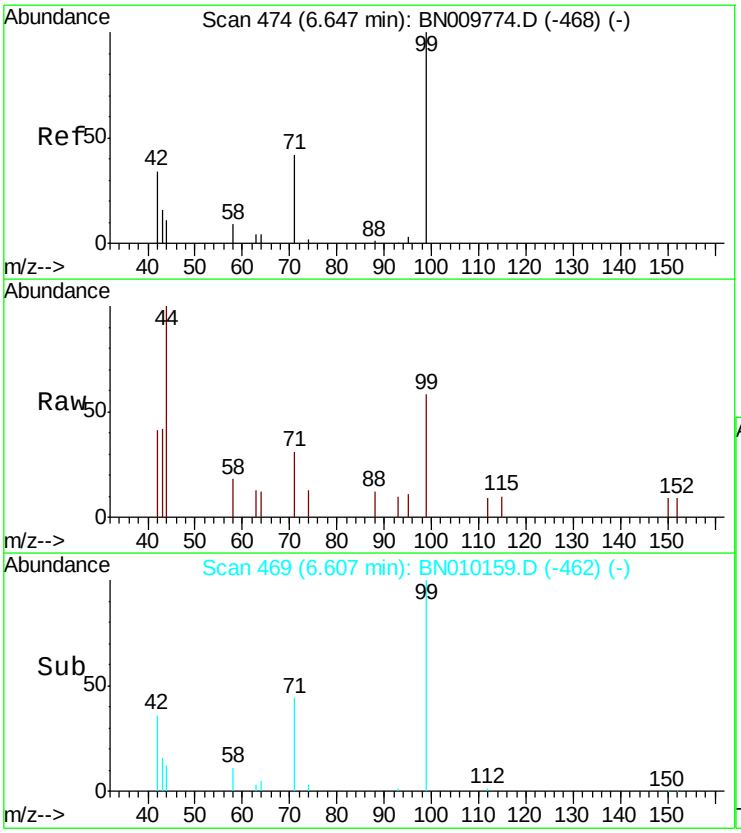
#4
2-Fluorophenol
Concen: 0.458 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:112 Resp: 945

Ion	Ratio	Lower	Upper
112	100		
64	78.9	65.8	98.6
63	48.5	38.7	58.1

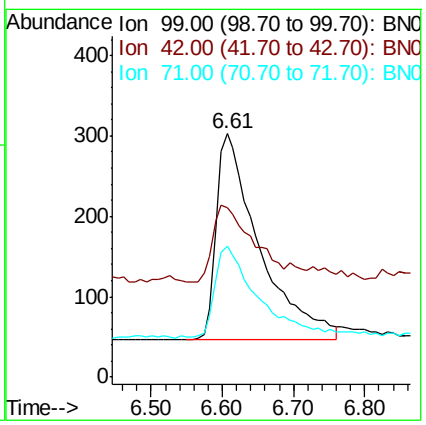


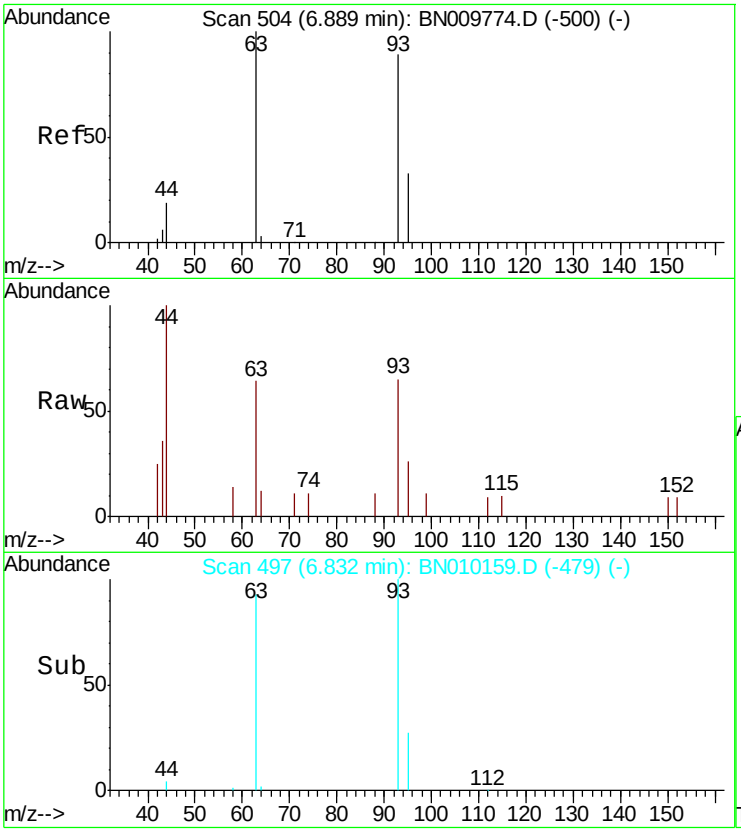


#5
Phenol-d6
Concen: 0.430 ng
RT: 6.61 min Scan# 469
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion: 99 Resp: 1079

Ion	Ratio	Lower	Upper
99	100		
42	35.0	30.8	46.2
71	43.3	34.9	52.3



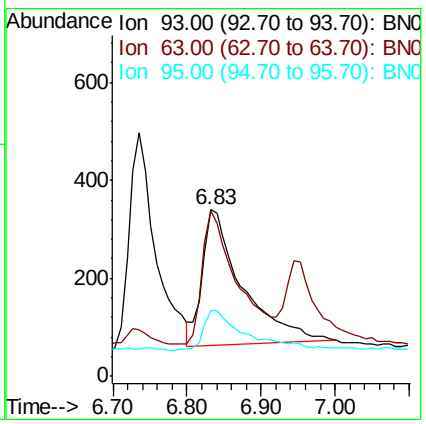


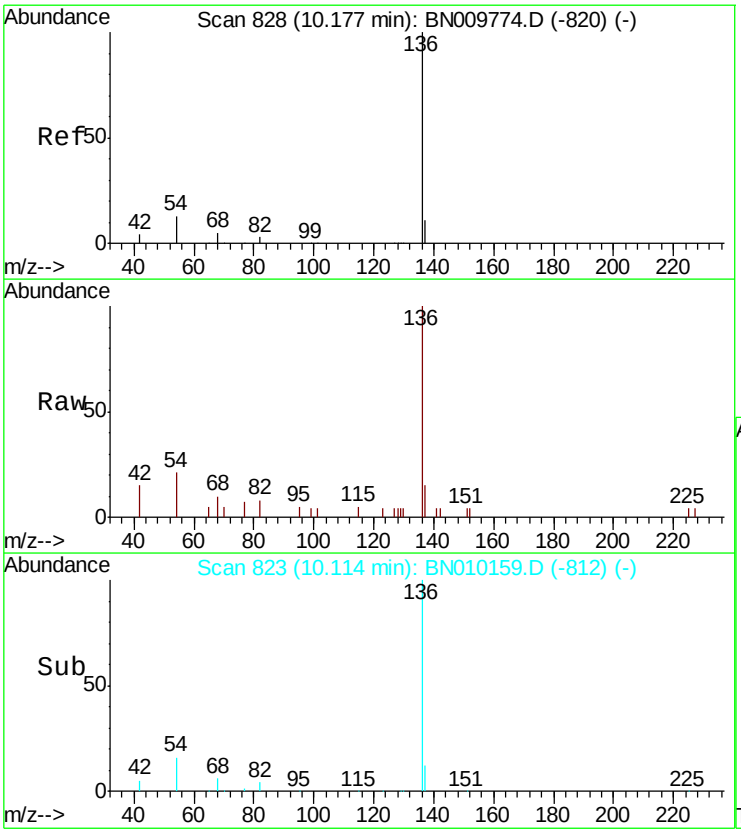
#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 93 Resp: 1030

Ion	Ratio	Lower	Upper
93	100		
63	85.0	74.0	111.0
95	30.8	26.7	40.1

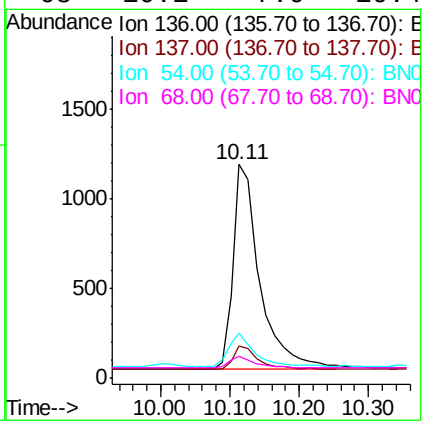


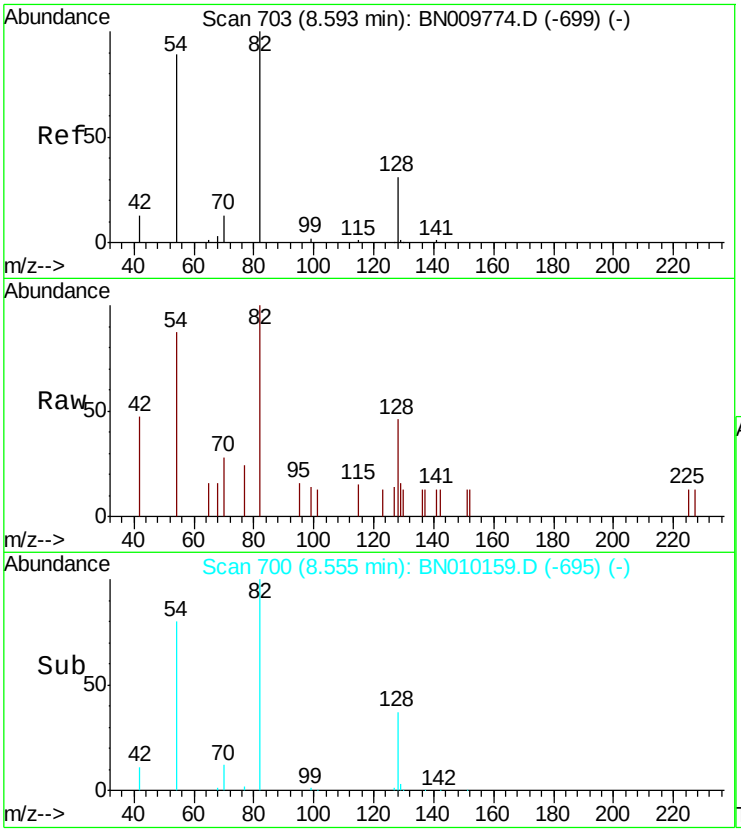


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.11 min Scan# 823
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:136 Resp: 3128

Ion	Ratio	Lower	Upper
136	100		
137	15.1	11.3	16.9
54	20.9	13.4	20.2#
68	10.1	7.0	10.4



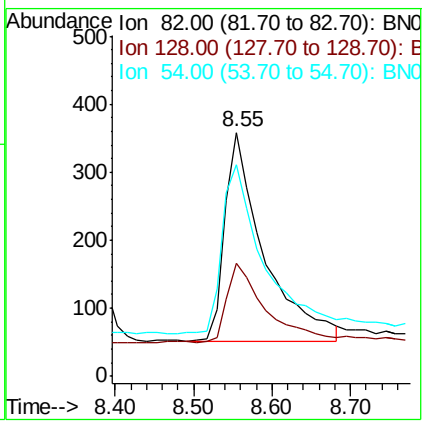


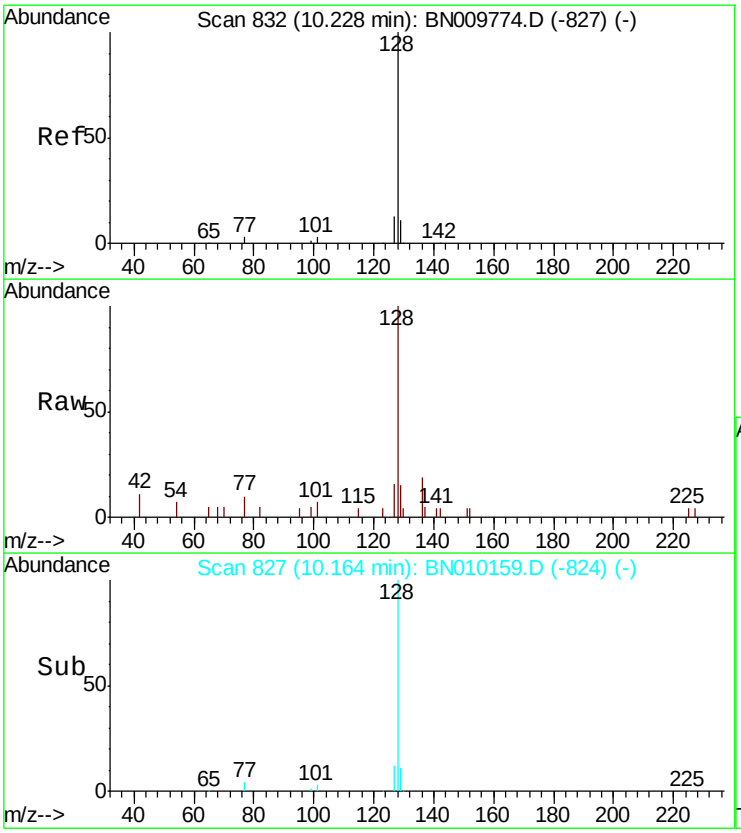
#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 8.55 min Scan# 700
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 82 Resp: 1067

Ion	Ratio	Lower	Upper
82	100		
128	46.4	32.5	48.7
54	86.9	73.5	110.3

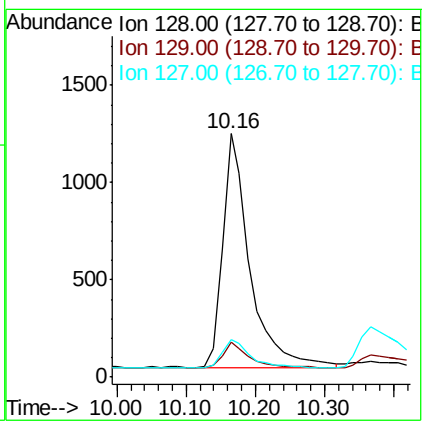


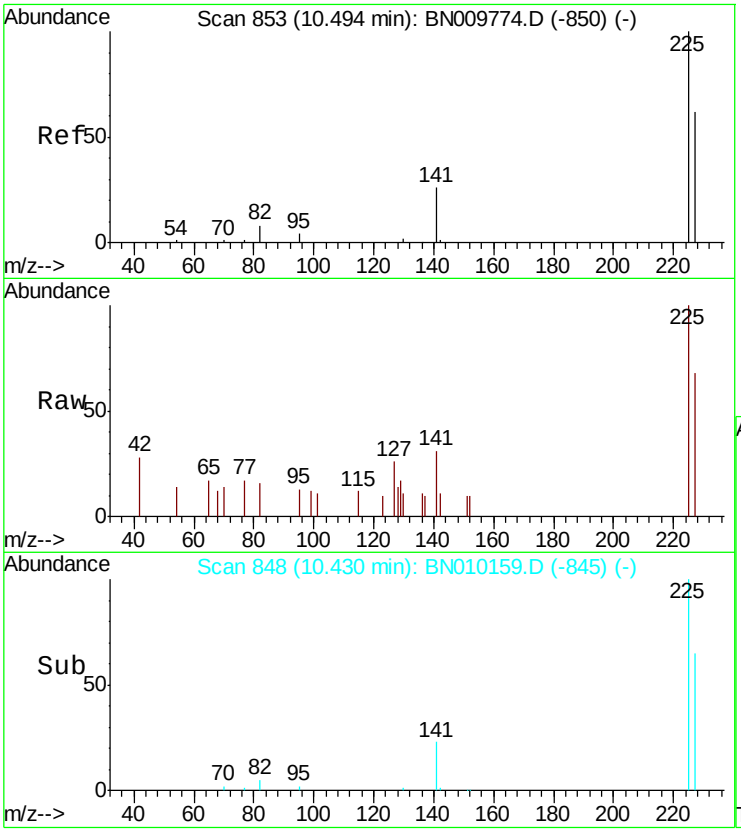


#9
Naphthalene
Concen: 0.388 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:128 Resp: 3314

Ion	Ratio	Lower	Upper
128	100		
129	14.5	11.1	16.7
127	15.6	12.6	19.0



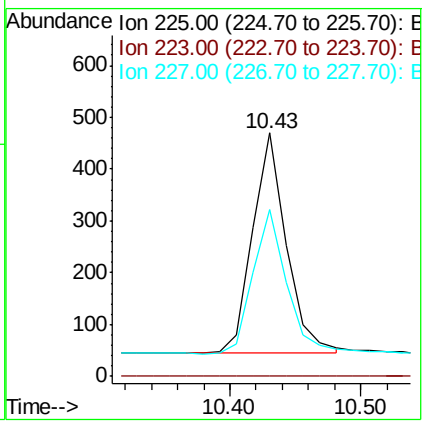


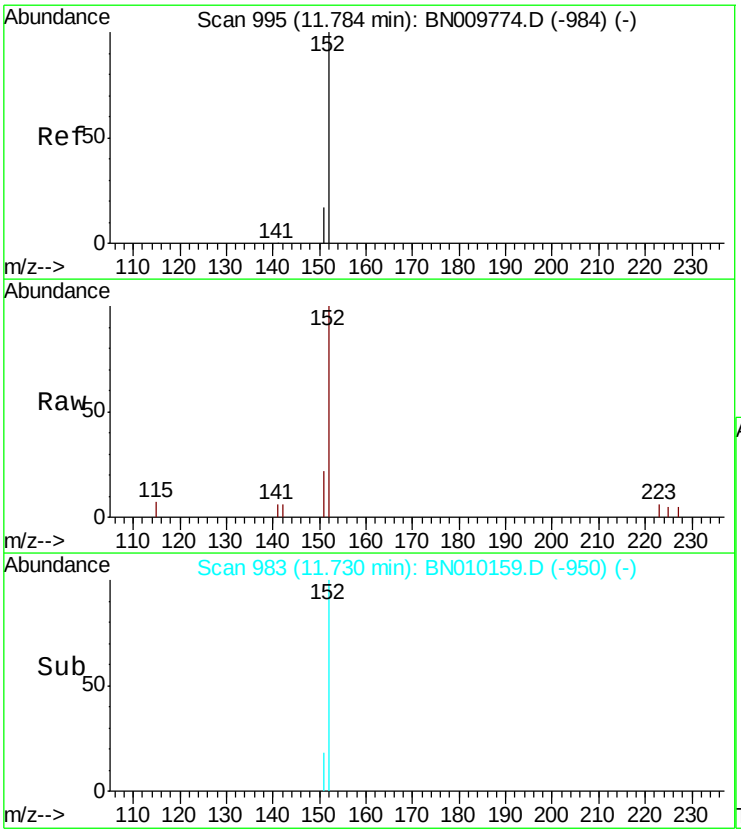
#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:225 Resp: 757

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.3	53.4	80.2

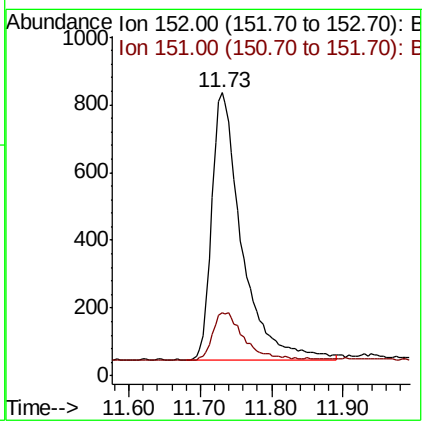


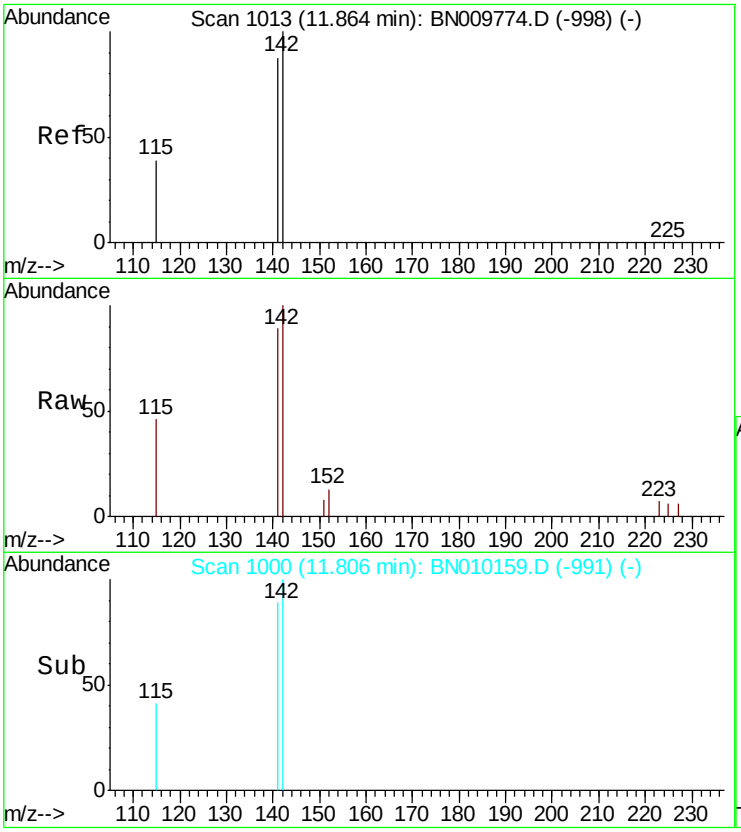


#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.73 min Scan# 983
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:152 Resp: 2310

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.1	22.7



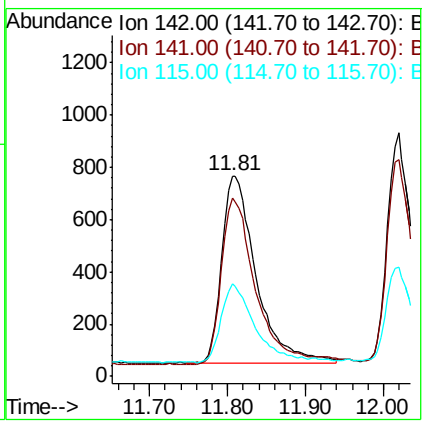


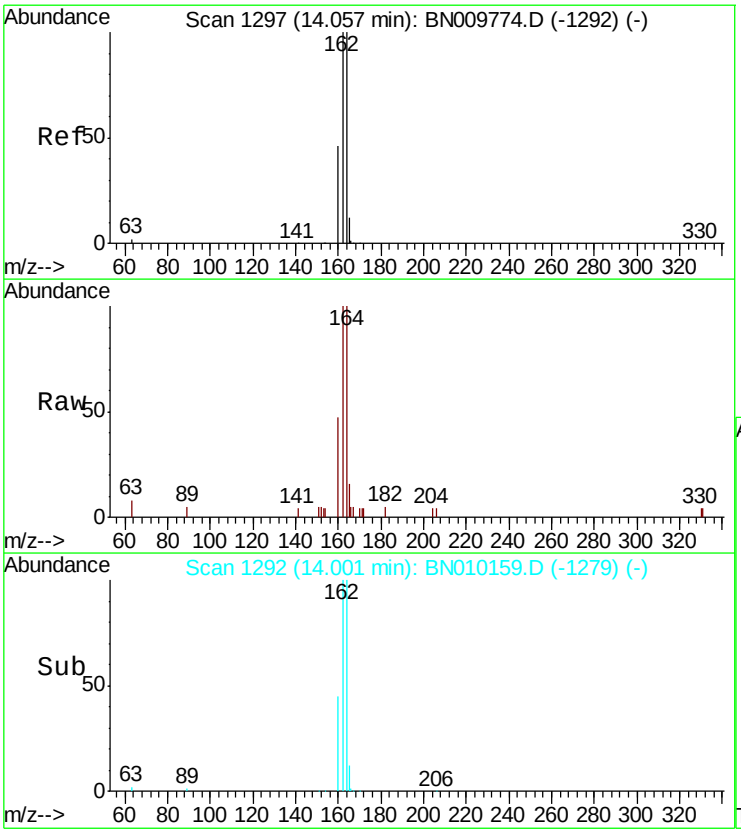
#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 11.81 min Scan# 1000
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 2194

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	45.9	34.6	52.0

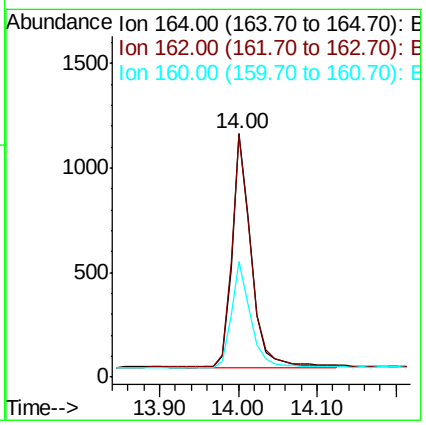


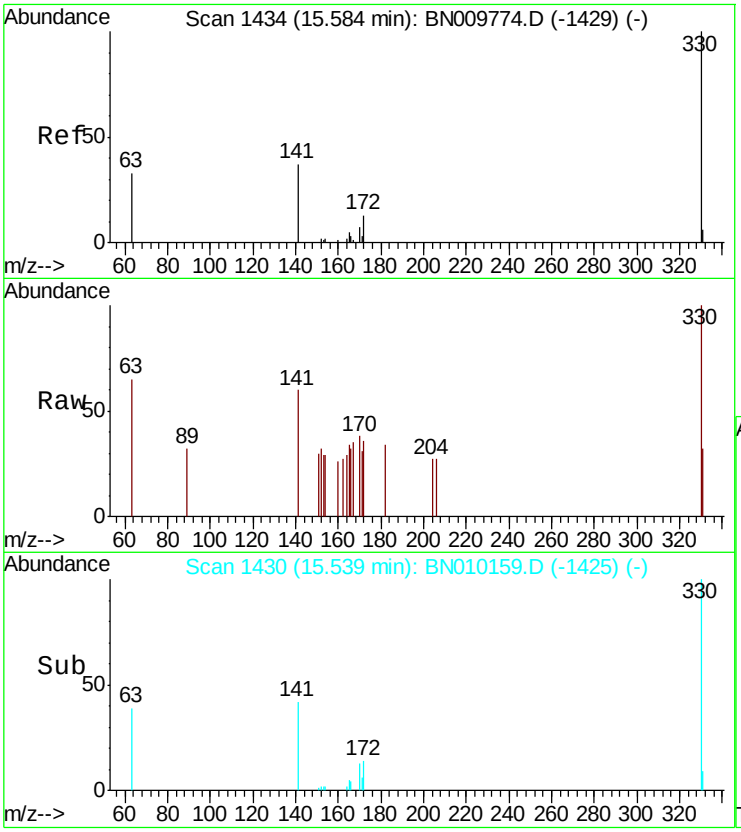


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:164 Resp: 1898

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.9	119.9
160	47.3	38.2	57.2



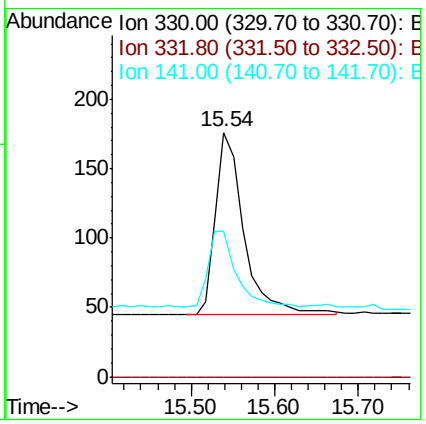


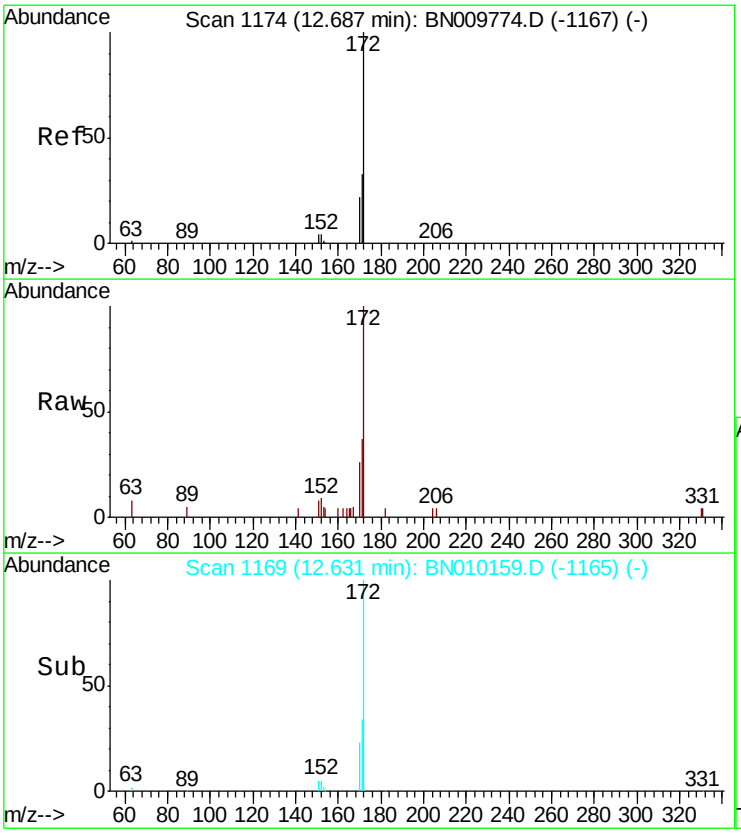
#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 310

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.9	36.8	55.2

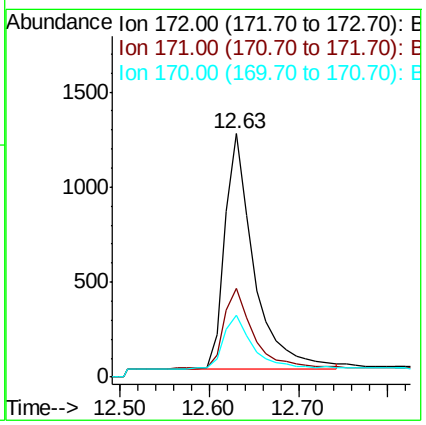


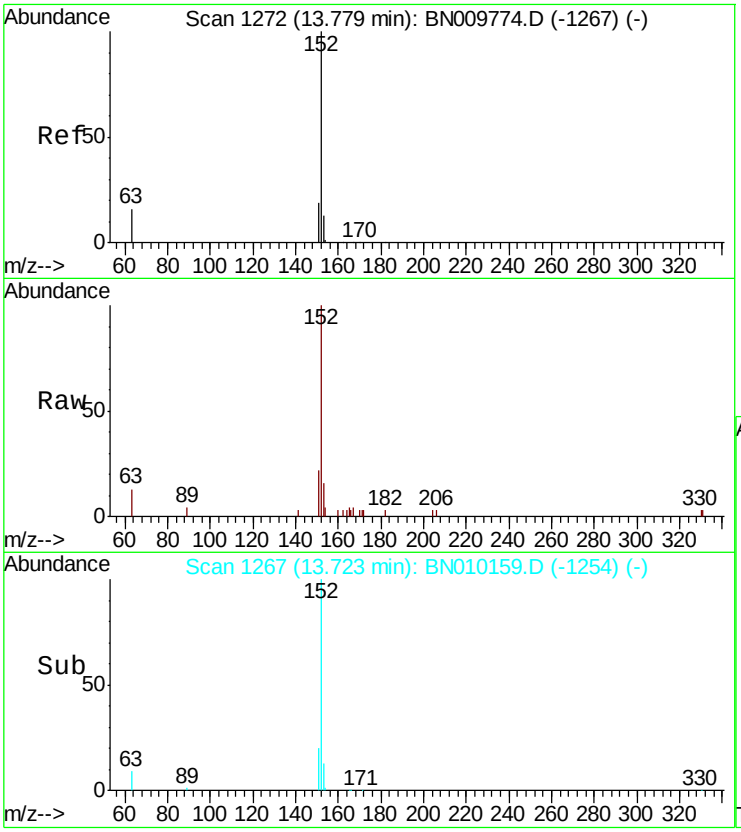


#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.63 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:172 Resp: 2791

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.7	43.1
170	25.5	20.1	30.1



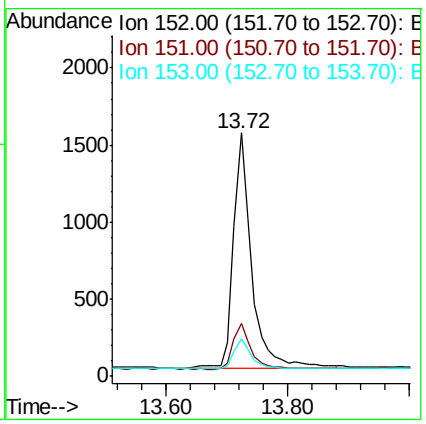


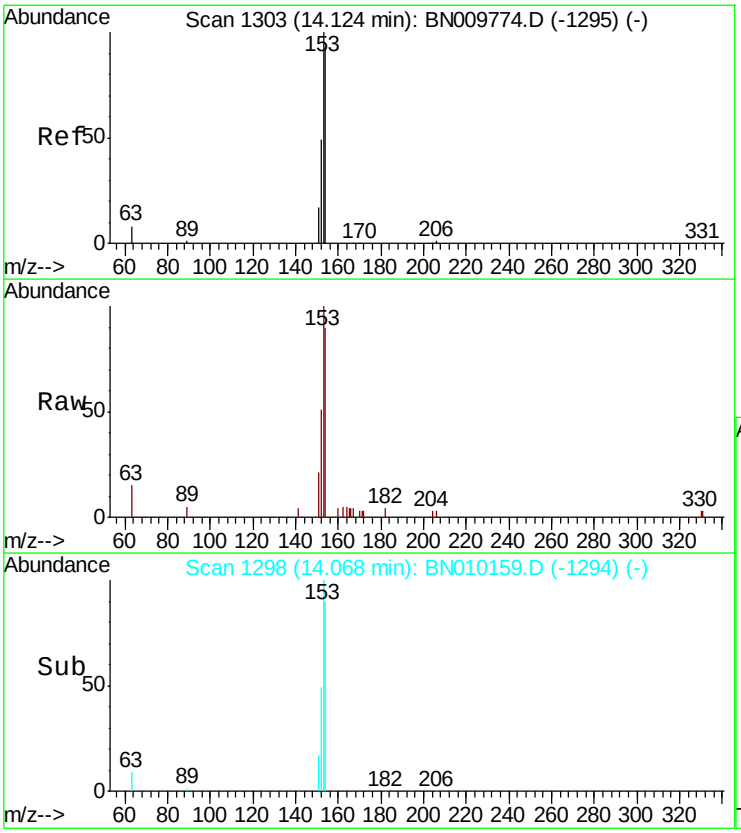
#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.72 min Scan# 1267
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3112

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.1	10.2	15.4

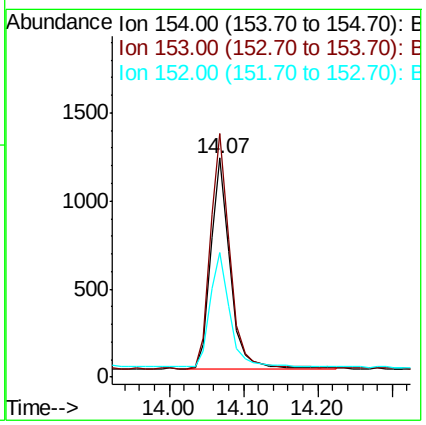


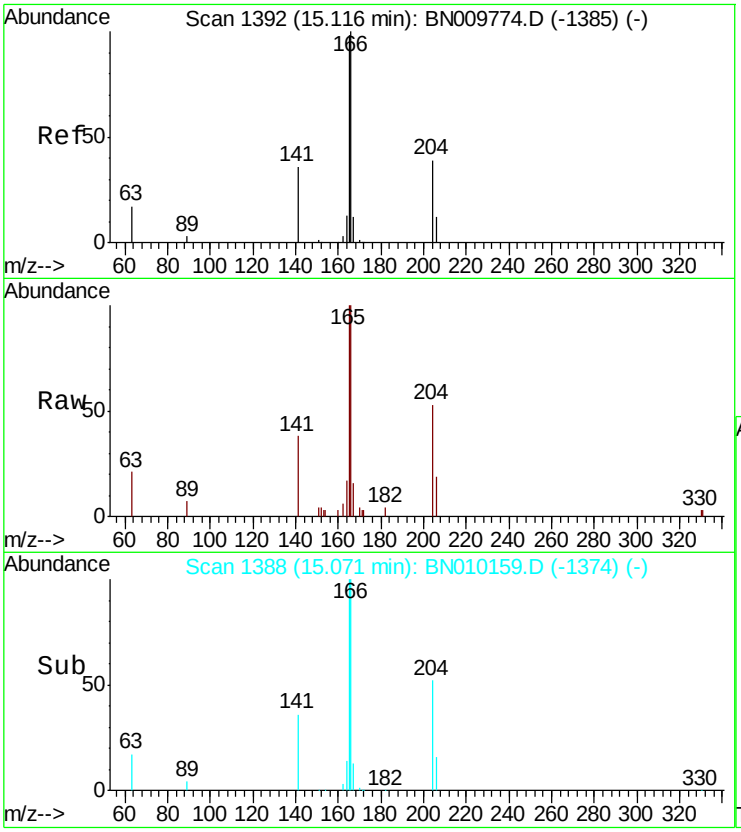


#17
Acenaphthene
Concen: 0.372 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:154 Resp: 2114

Ion	Ratio	Lower	Upper
154	100		
153	113.9	88.9	133.3
152	56.2	44.2	66.2



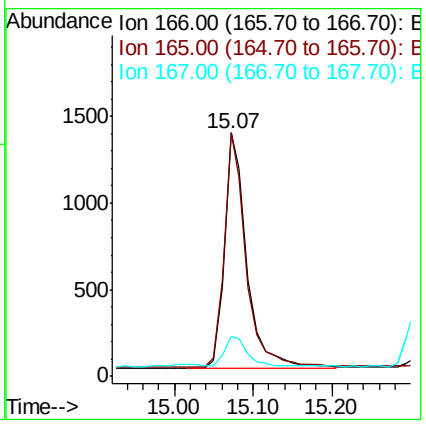


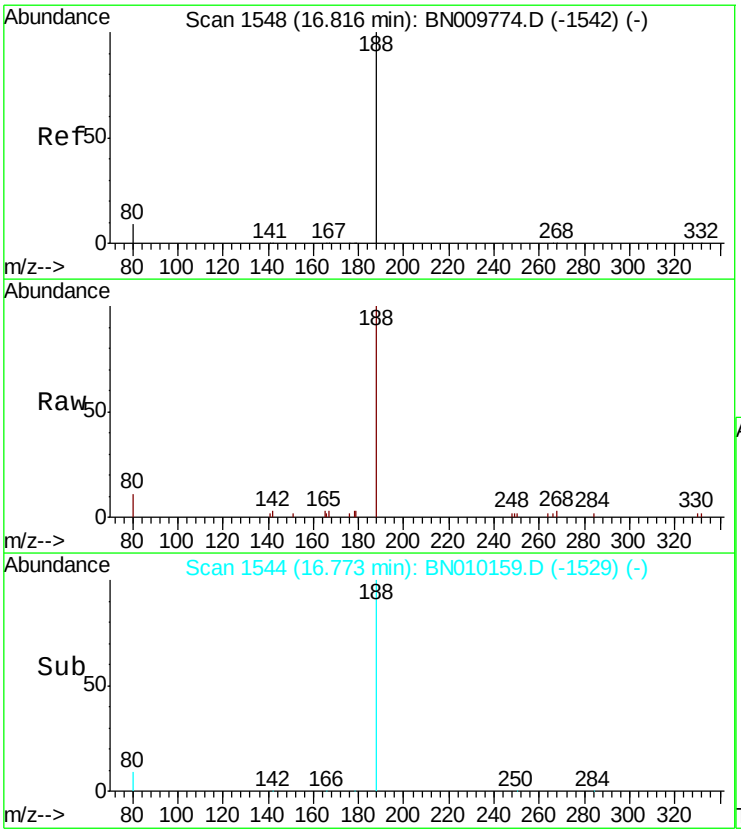
#18
Fluorene
Concen: 0.360 ng
RT: 15.07 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 2704

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.2	115.8
167	13.3	10.5	15.7

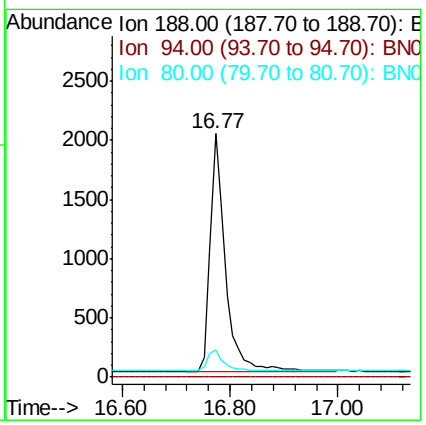


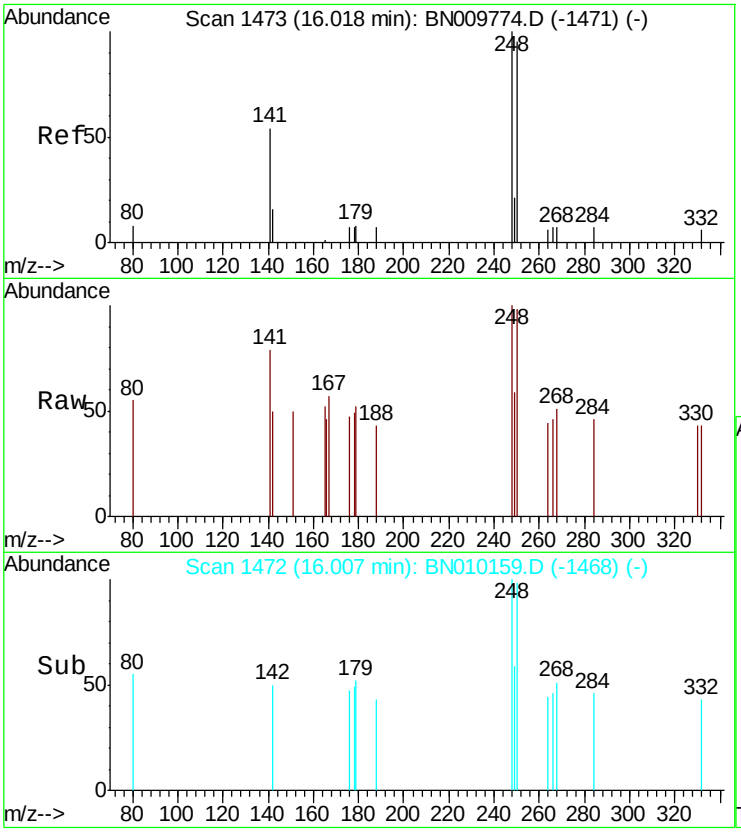


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:188 Resp: 3969

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	8.3	12.5



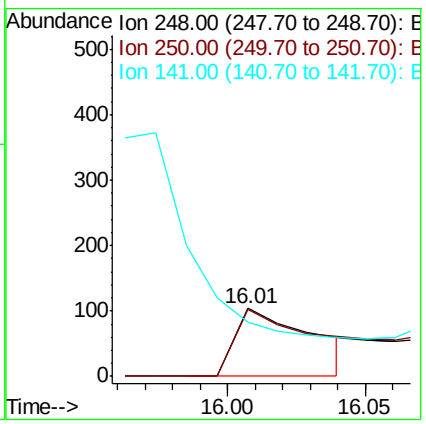


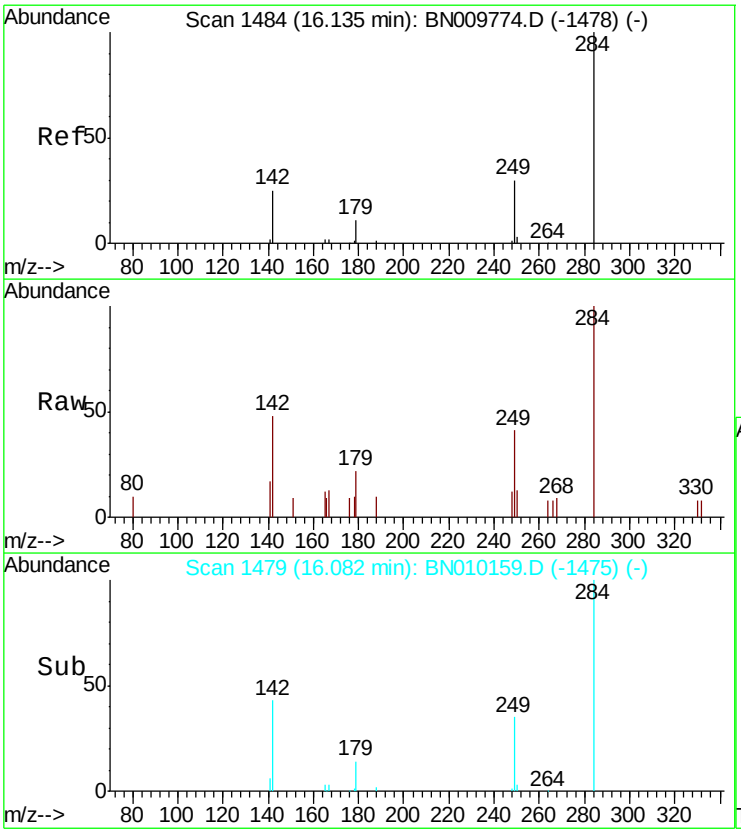
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 203

Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.2	114.4
141	78.8	57.8	86.6

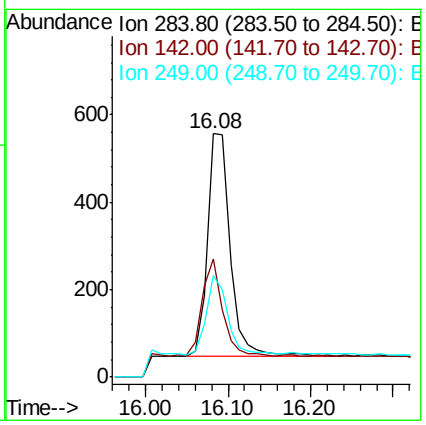


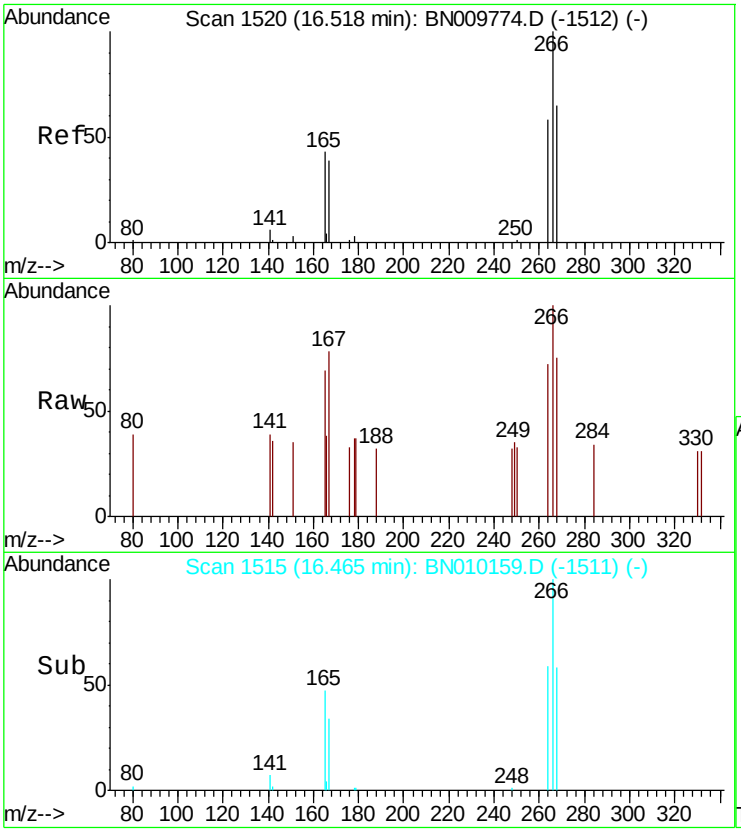


#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.08 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:284 Resp: 963

Ion	Ratio	Lower	Upper
284	100		
142	38.3	33.3	49.9
249	33.2	25.7	38.5



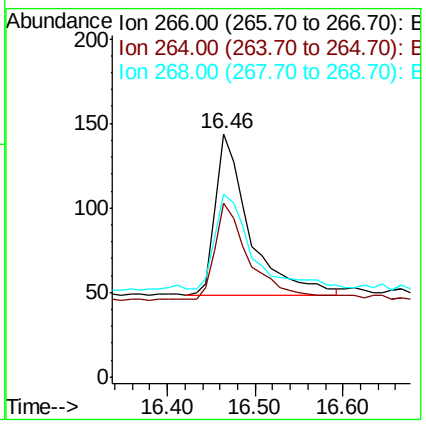


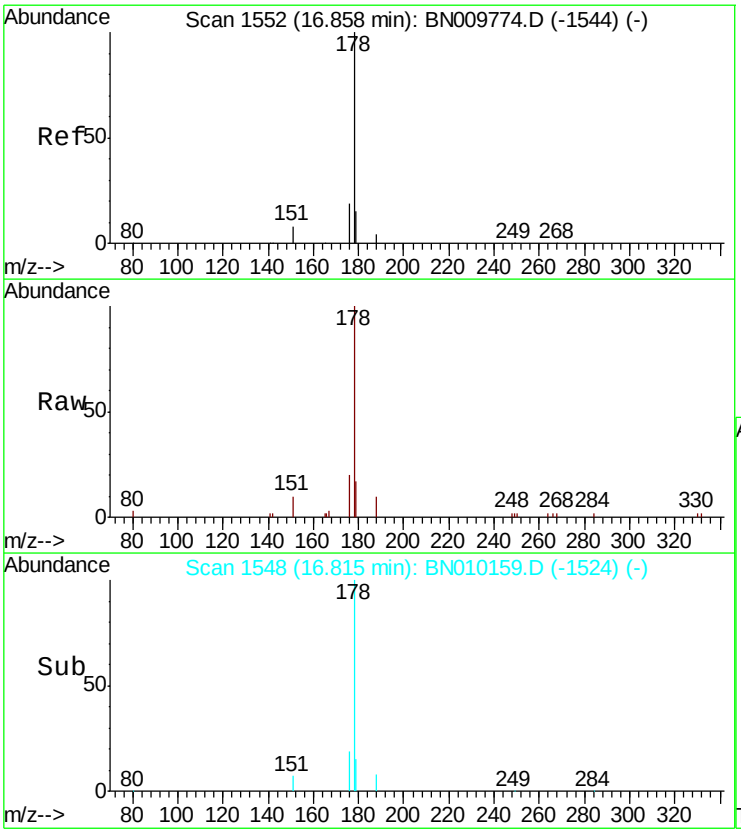
#22
Pentachlorophenol
Concen: 0.494 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 261

Ion	Ratio	Lower	Upper
266	100		
264	71.5	58.1	87.1
268	75.0	65.7	98.5

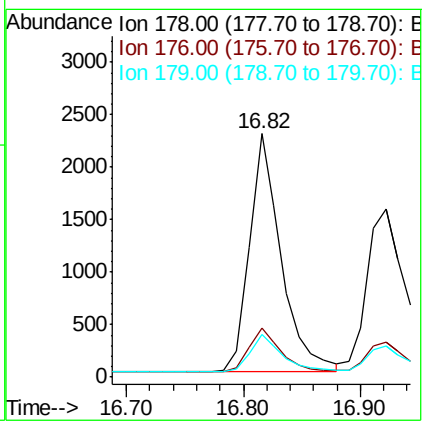


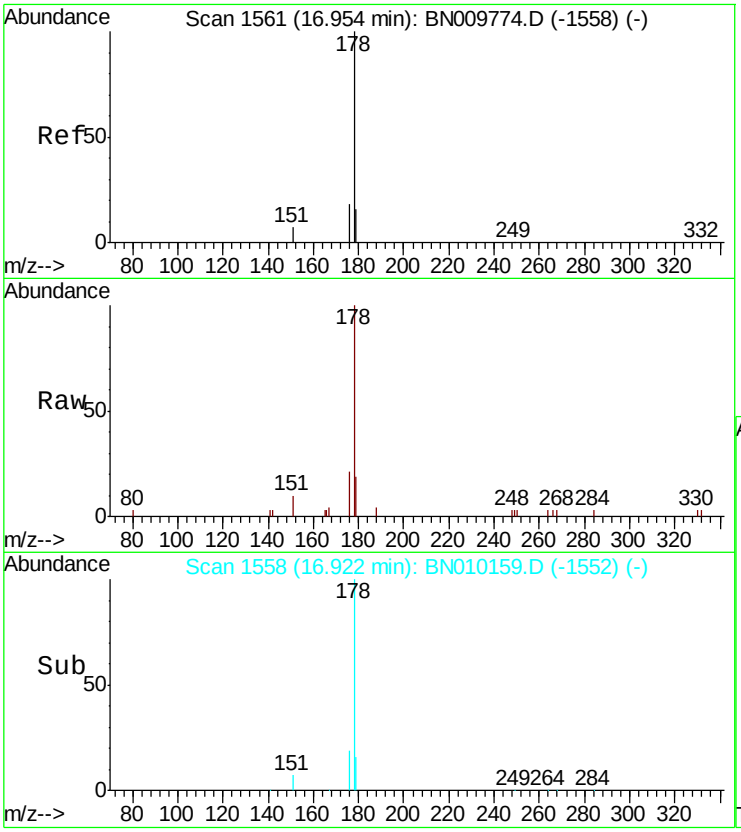


#23
Phenanthrene
Concen: 0.361 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:178 Resp: 4268

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.7	12.4	18.6



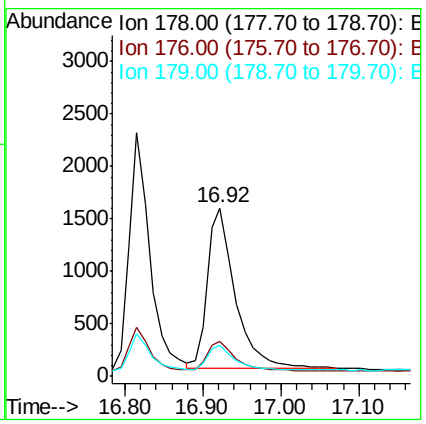


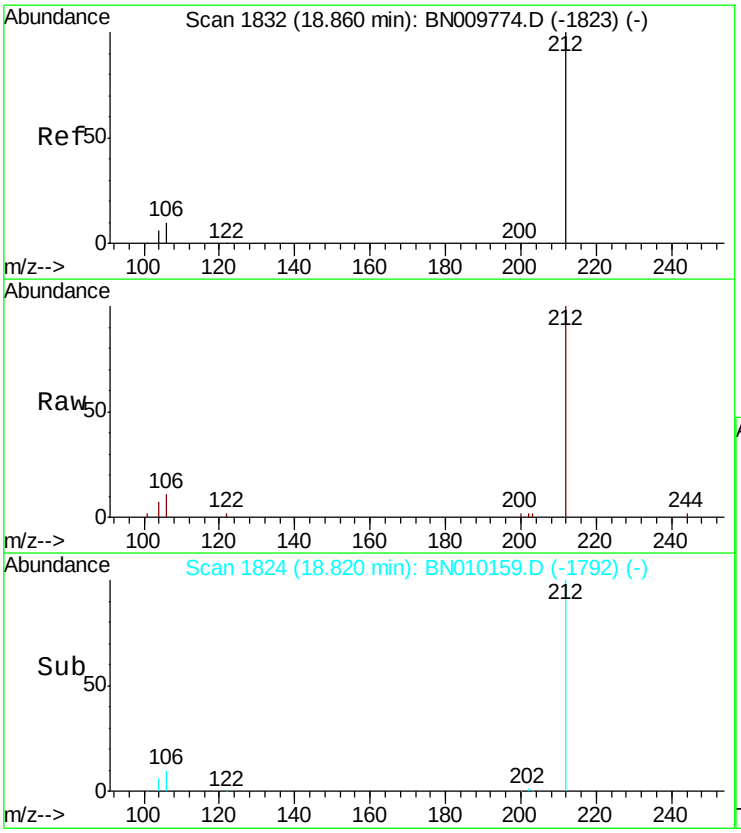
#24
Anthracene
Concen: 0.378 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.03 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 3771

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	15.0	12.4	18.6

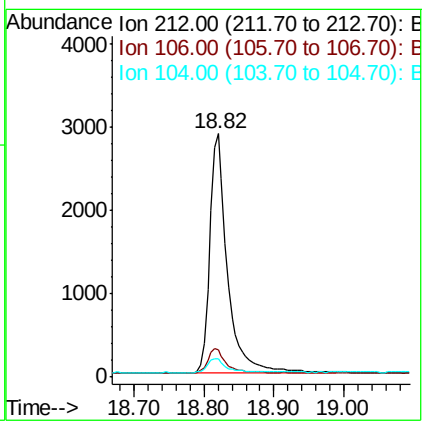


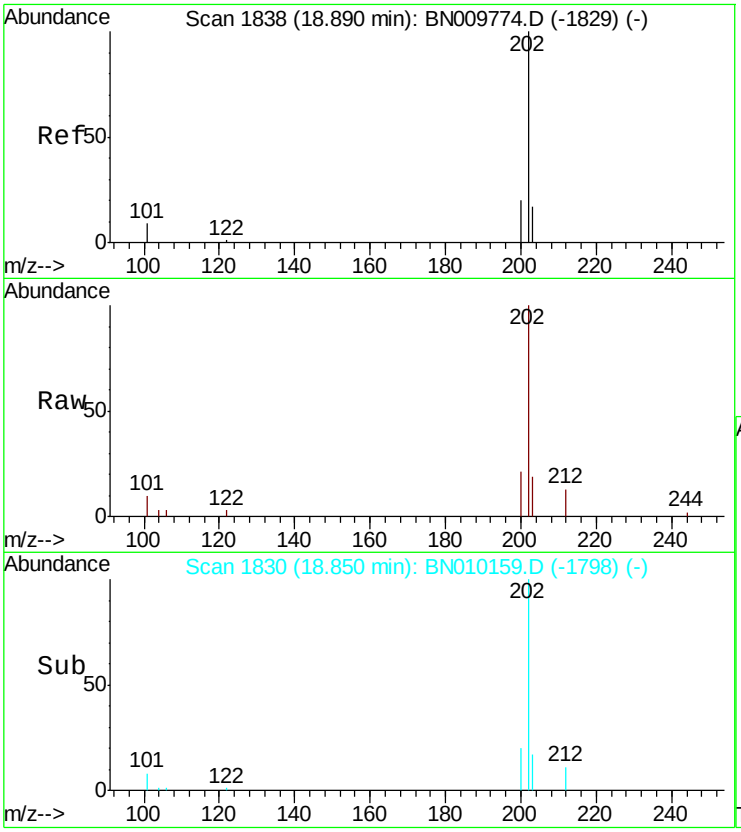


#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 18.82 min Scan# 1824
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:212 Resp: 5092

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	5.6	4.8	7.2



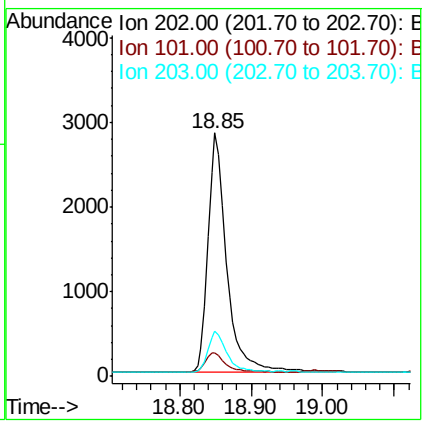


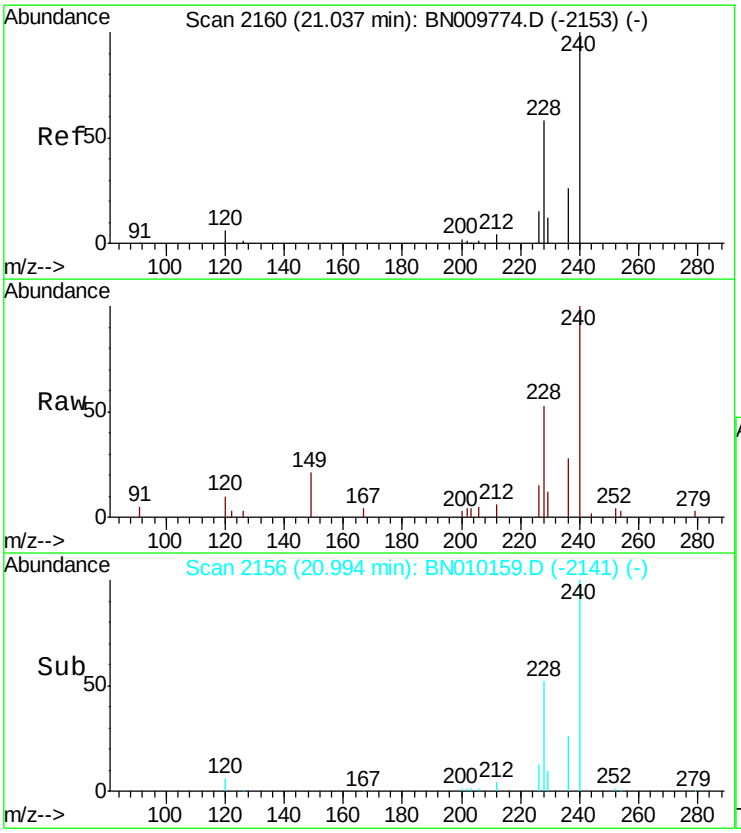
#26
Fluoranthene
Concen: 0.365 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 5168

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.1	10.7
203	16.6	13.8	20.6

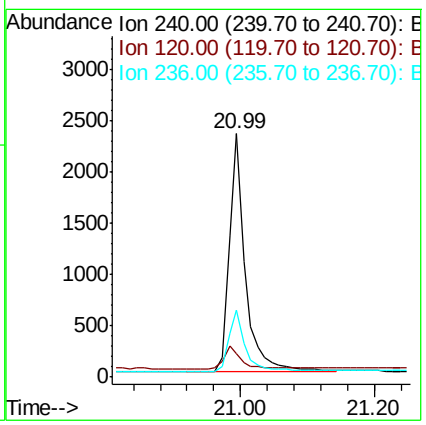


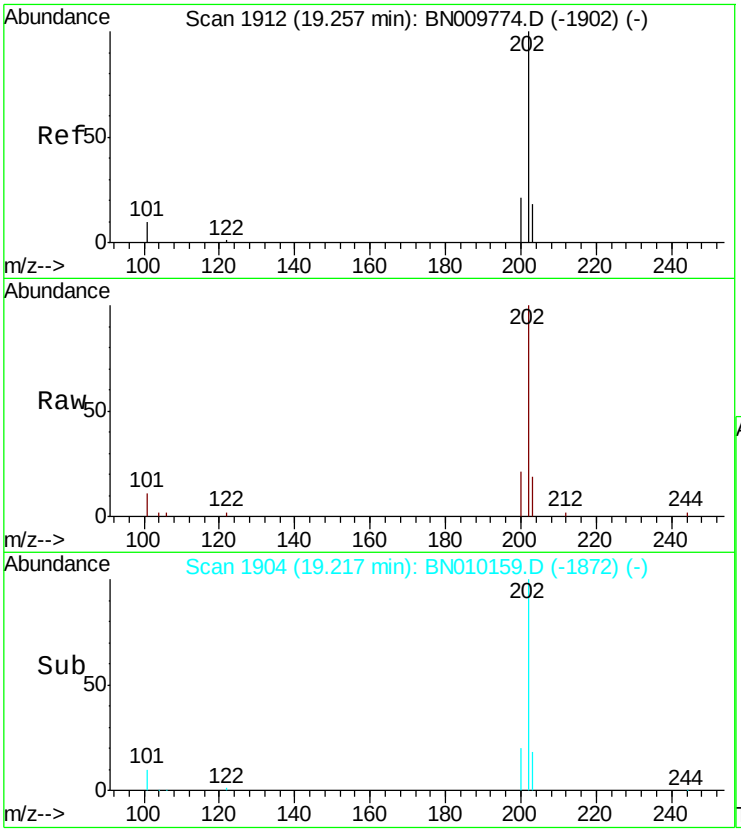


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:240 Resp: 3899

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.9	11.9
236	27.7	22.0	33.0



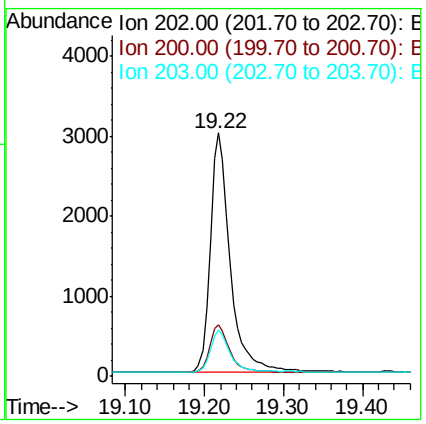


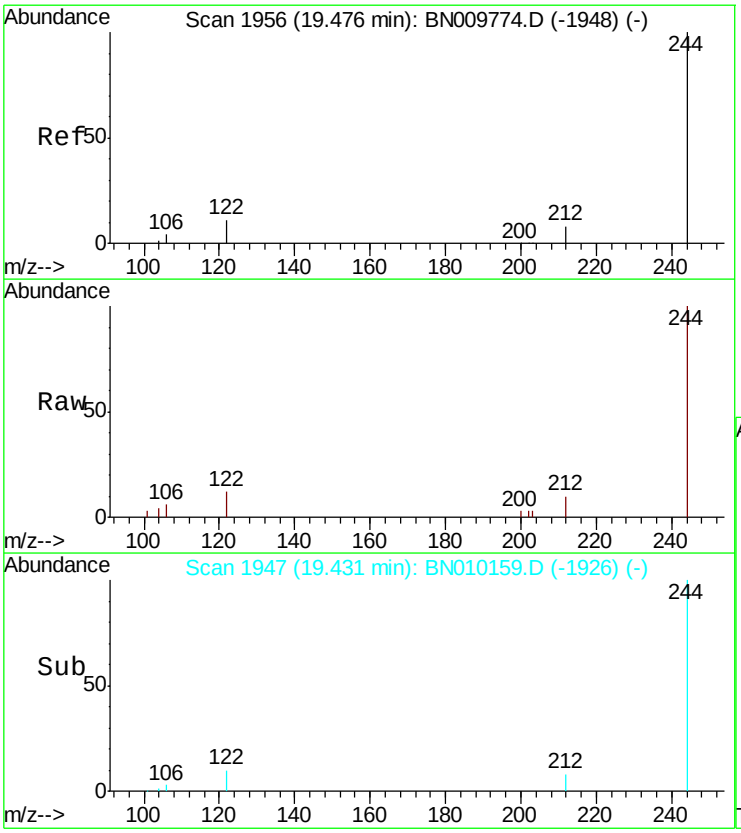
#28
Pyrene
Concen: 0.359 ng
RT: 19.22 min Scan# 1904
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 5316

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.4	24.6
203	17.3	13.9	20.9

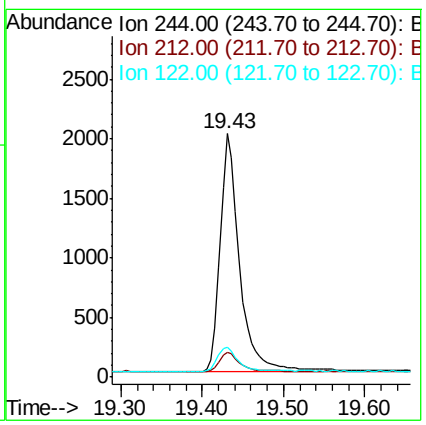


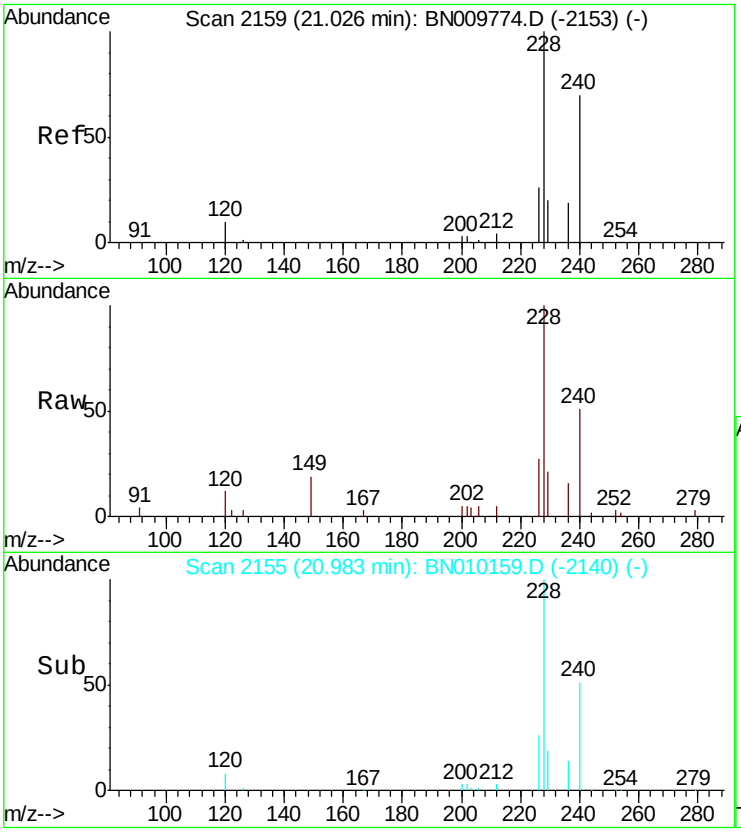


#29
Terphenyl-d14
Concen: 0.355 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:244 Resp: 3309

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.0	12.0
122	12.5	10.0	15.0



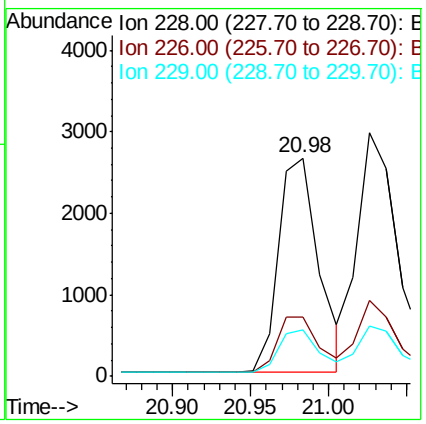


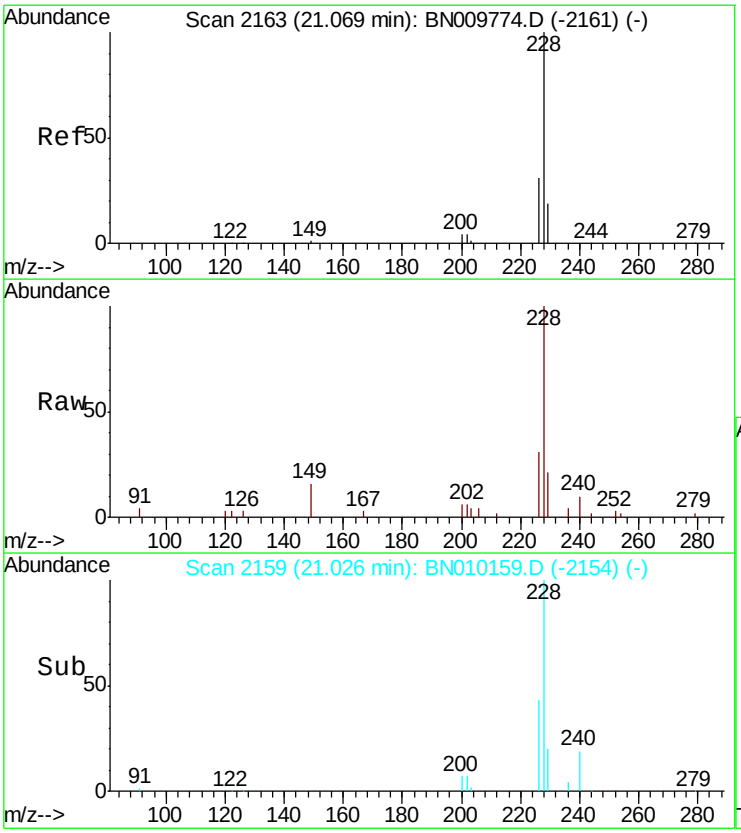
#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 4703

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	21.1	17.1	25.7

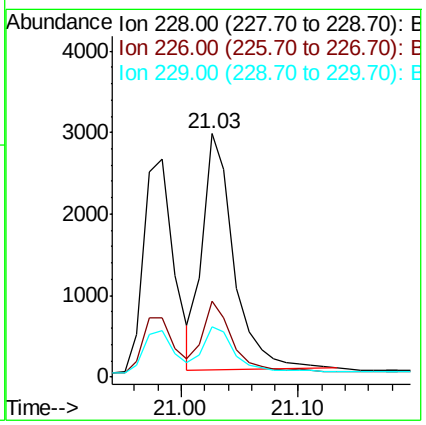


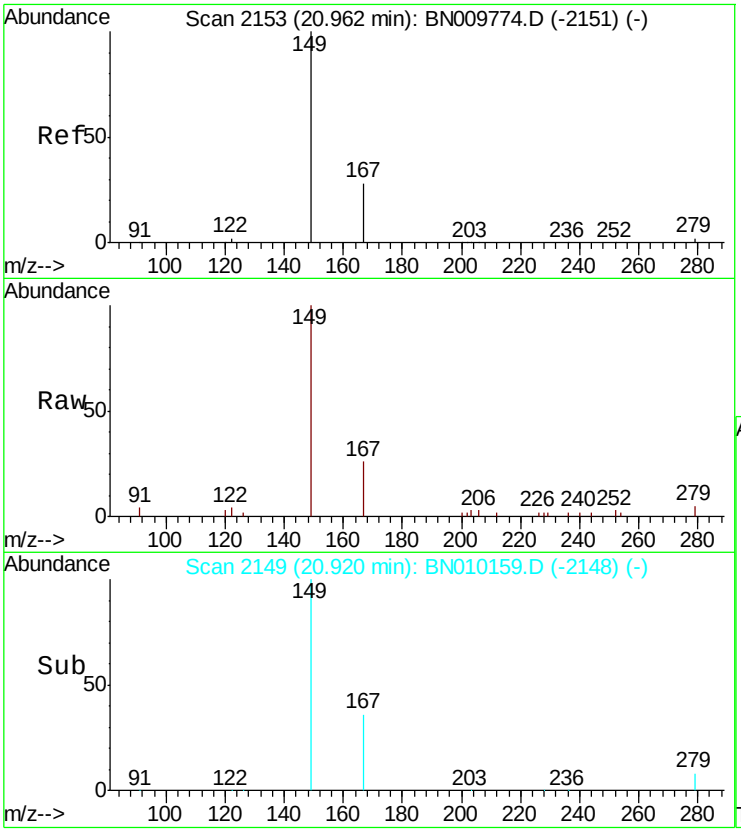


#31
Chrysene
Concen: 0.363 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:228 Resp: 5438

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	20.7	16.4	24.6



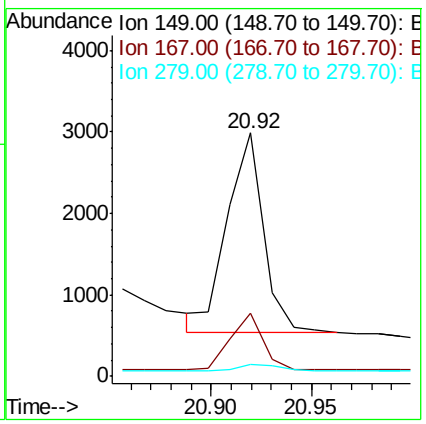


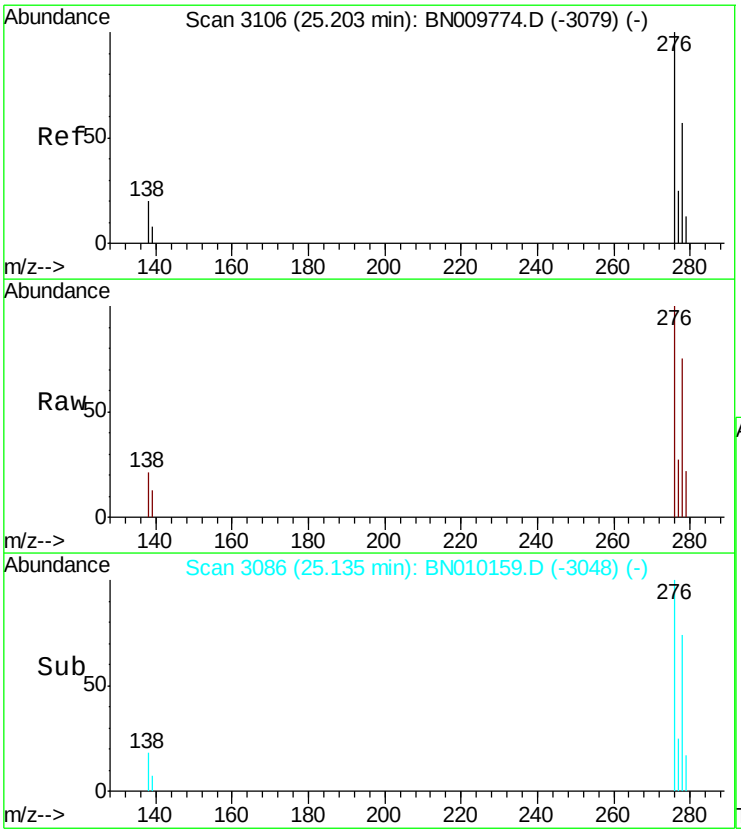
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.489 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 3086

Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.7	34.1
279	4.0	3.1	4.7

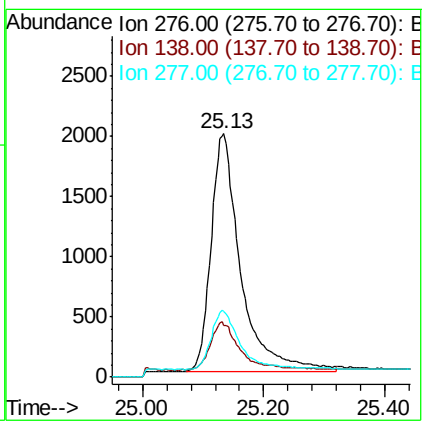


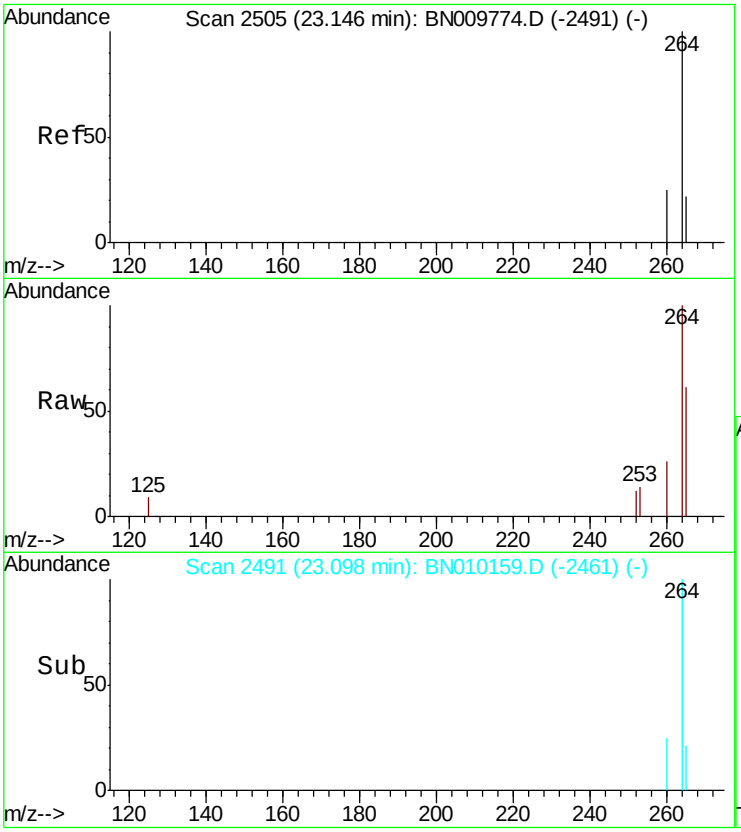


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 25.13 min Scan# 3086
Delta R.T. -0.07 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:276 Resp: 6665

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.8	23.6
277	23.3	19.3	28.9



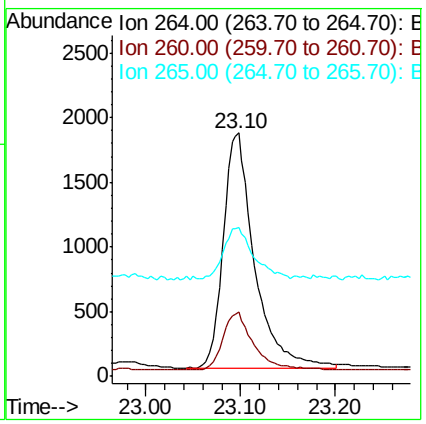


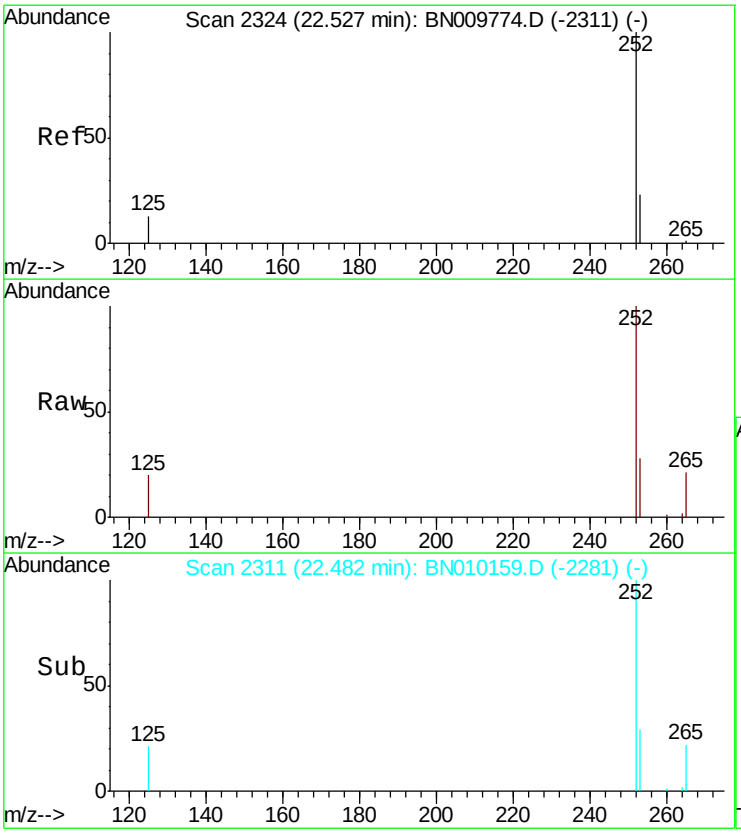
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4168

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	61.0	57.5	86.3

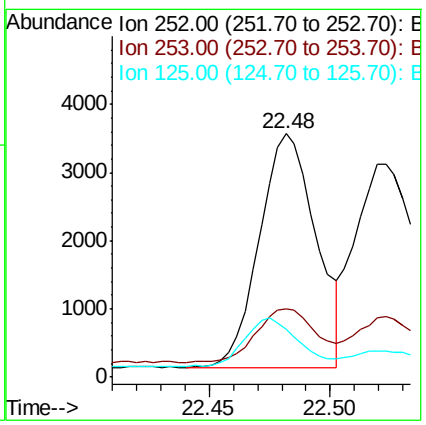


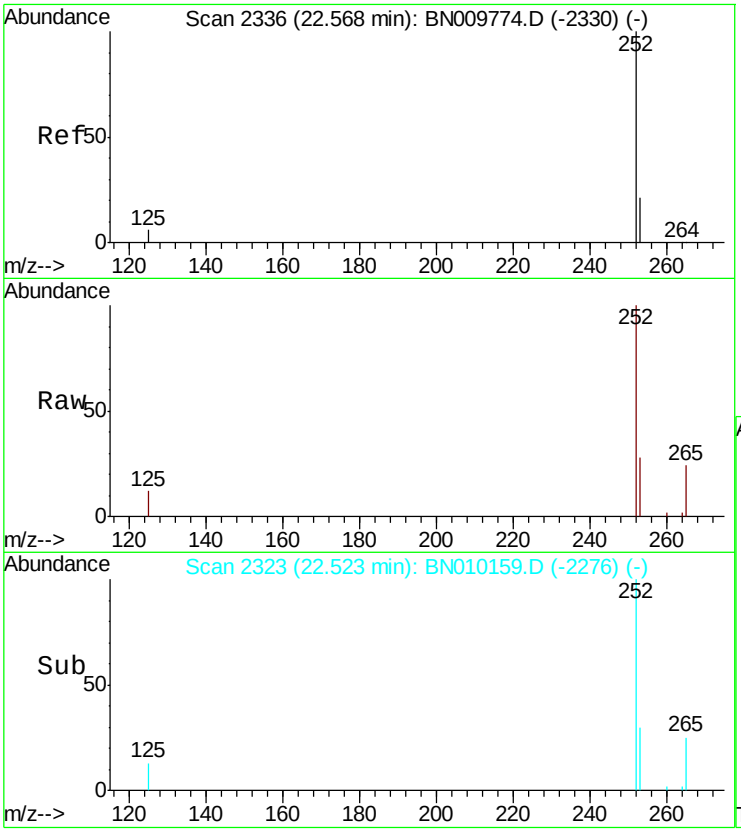


#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 22.48 min Scan# 2311
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:252 Resp: 5566

Ion	Ratio	Lower	Upper
252	100		
253	28.3	23.0	34.6
125	19.9	14.4	21.6



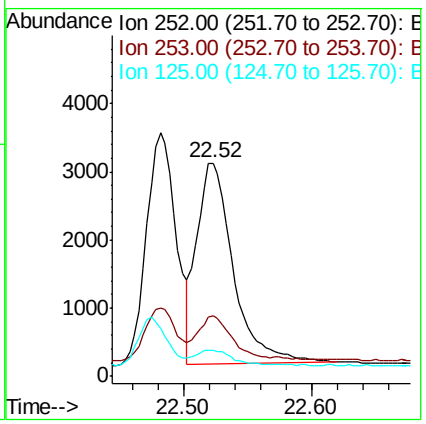


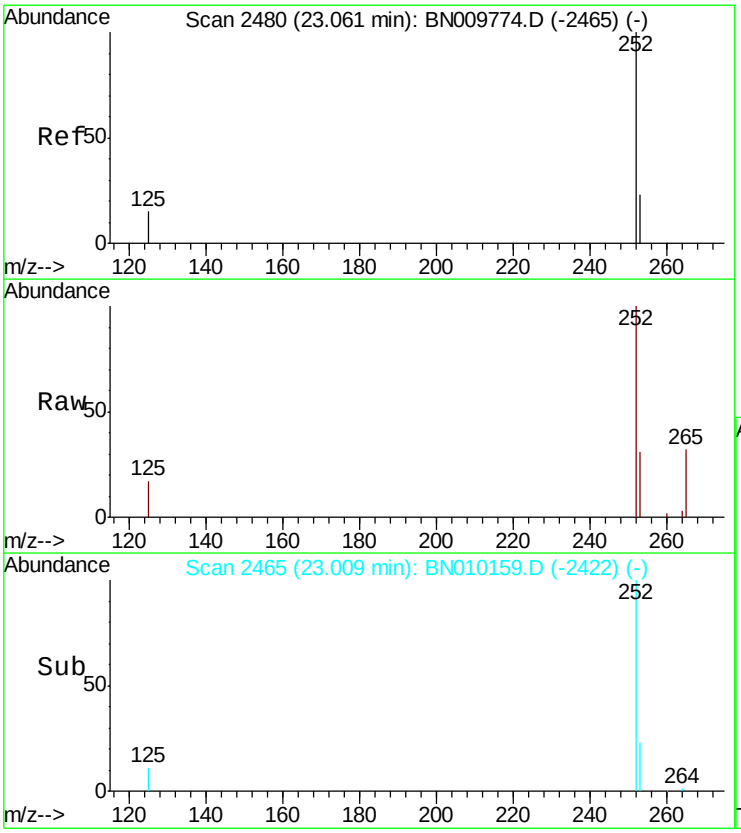
#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.52 min Scan# 2323
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5847

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.2	33.2
125	12.4	10.5	15.7

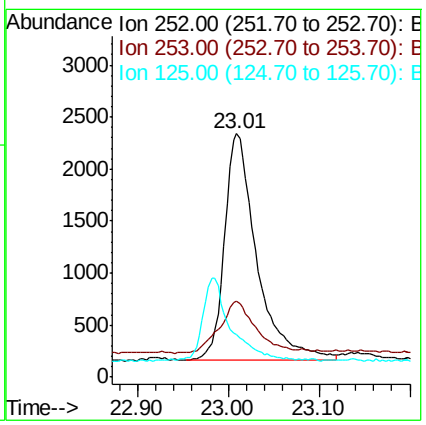


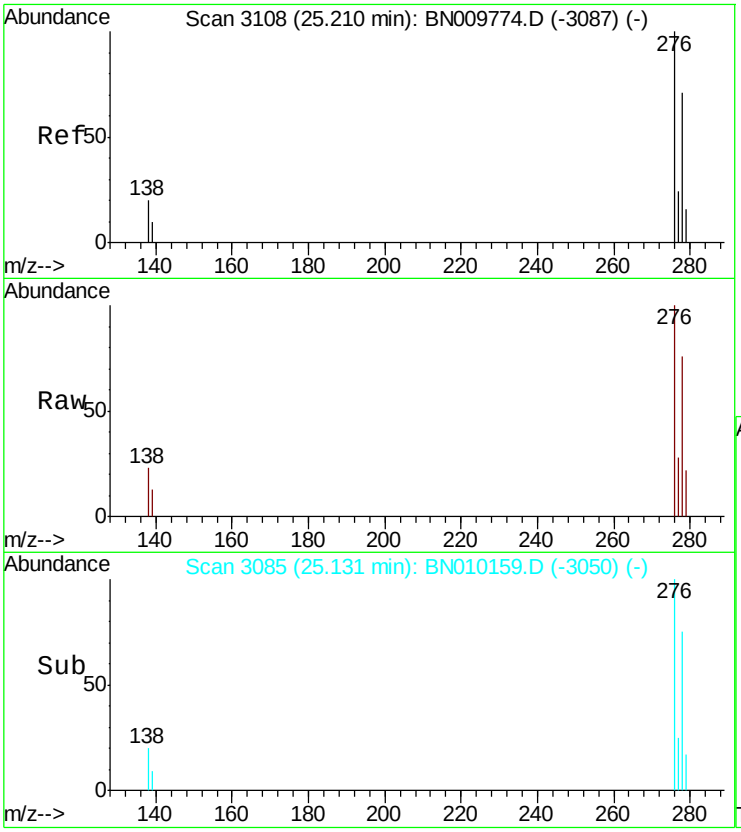


#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.01 min Scan# 2465
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:252 Resp: 5393

Ion	Ratio	Lower	Upper
252	100		
253	31.4	25.3	37.9
125	17.3	17.7	26.5#



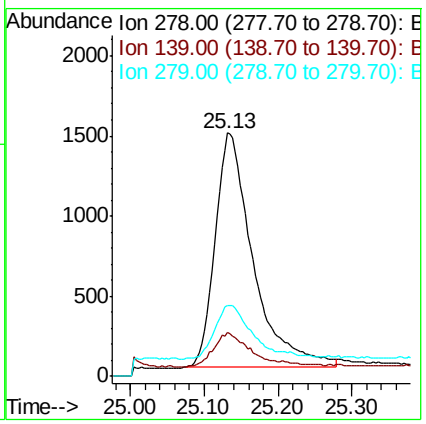


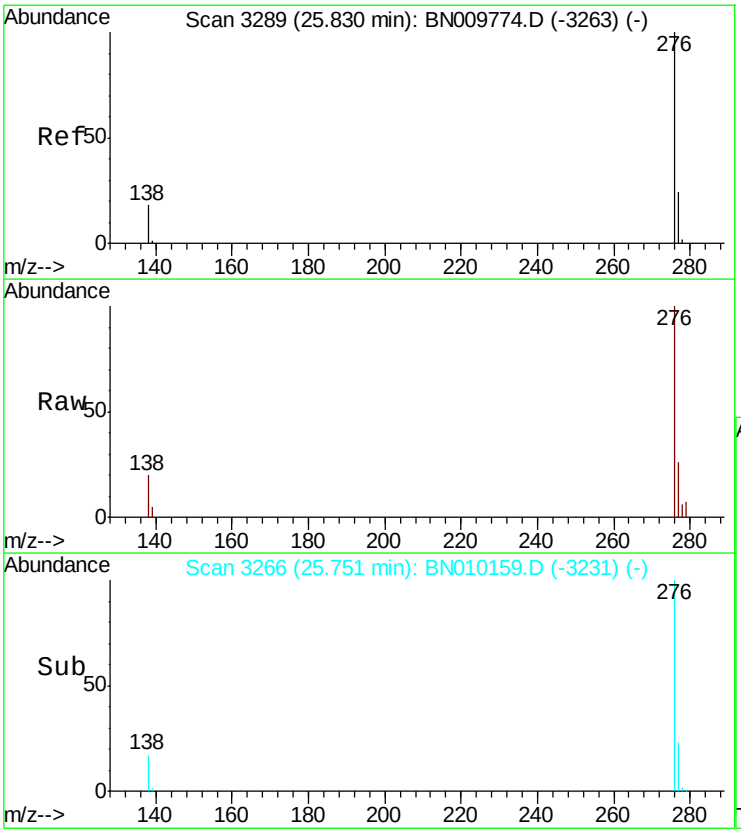
#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 25.13 min Scan# 3085
Delta R.T. -0.08 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 5181

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.5	21.7
279	29.0	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 25.75 min Scan# 3266
Delta R.T. -0.08 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:276 Resp: 5705

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.4	32.0
138	20.3	16.6	24.8