Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010156.D
Acq On : 09 Mar 2020 21:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 09 22:37:00 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	7.38	152	824	0.40	ng		-0.04
7) Naphthalene-d8	10.13	136	2864	0.40	ng		-0.05
13) Acenaphthene-d10	14.01	164	1898	0.40	ng		-0.04
19) Phenanthrene-d10	16.78	188	4106	0.40	ng		-0.03
27) Chrysene-d12	21.00	240	3731	0.40	ng		-0.03
34) Perylene-d12	23.10	264	4015	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	712	0.39	ng		-0.03
5) Phenol-d6	6.66	99	785	0.35	ng		0.00
8) Nitrobenzene-d5	8.59	82	752	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	2167	0.39	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	289	0.40	ng		-0.03
15) 2-Fluorobiphenyl	12.64	172	2637	0.37	ng		-0.04
25) Fluoranthene-d10	18.83	212	5152	0.36	ng		-0.03
29) Terphenyl-d14	19.44	244	3337	0.37	ng		-0.03
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.42	42	438	0.316	ng	#	94
6) bis(2-Chloroethyl)ether	6.86	93	717	0.331	ng	#	84
9) Naphthalene	10.18	128	2983	0.382	ng		97
10) Hexachlorobutadiene	10.43	225	697	0.406	ng	#	98
12) 2-Methylnaphthalene	11.83	142	2042	0.381	ng		97
16) Acenaphthylene	13.73	152	3063	0.379	ng		99
17) Acenaphthene	14.08	154	2179	0.383	ng		99
18) Fluorene	15.08	166	2767	0.369	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	302	Below Cal			94
21) Hexachlorobenzene	16.09	284	1020	0.399	ng		98
22) Pentachlorophenol	16.48	266	219	0.434	ng		97
23) Phenanthrene	16.83	178	4374	0.358	ng		99
24) Anthracene	16.93	178	3698	0.358	ng		99
26) Fluoranthene	18.85	202	5246	0.359	ng		99
28) Pyrene	19.22	202	5384	0.380	ng		99
30) Benzo(a)anthracene	20.99	228	4161	0.336	ng		100
31) Chrysene	21.04	228	5422	0.379	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	2335	0.386	ng		99
33) Indeno(1,2,3-cd)pyrene	25.14	276	5951	0.399	ng		99
35) Benzo(b)fluoranthene	22.49	252	5255	0.358	ng		97
36) Benzo(k)fluoranthene	22.53	252	6015	0.376	ng		99
37) Benzo(a)pyrene	23.02	252	5039	0.376	ng	#	94
38) Dibenzo(a,h)anthracene	25.15	278	4695	0.356	ng		99
39) Benzo(g,h,i)perylene	25.76	276	5347	0.381	ng		99

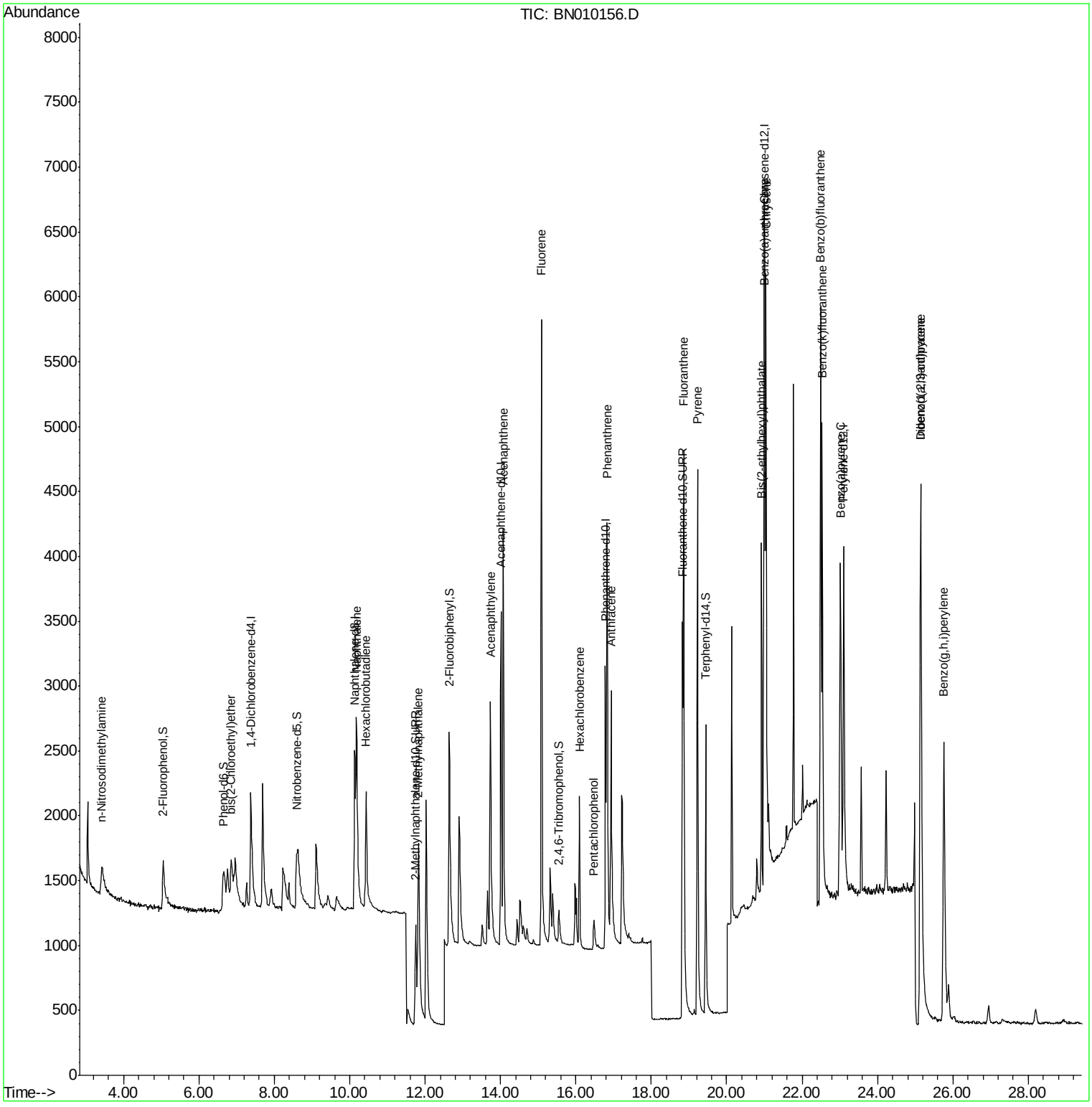
(#) = qualifier out of range (m) = manual integration (+) = signals summed

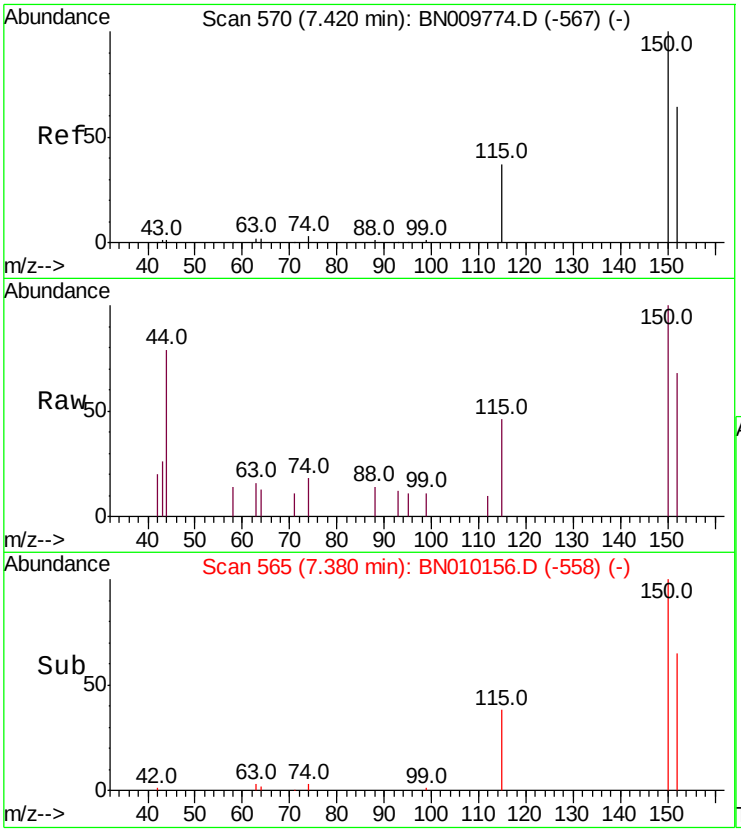
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010156.D
Acq On : 09 Mar 2020 21:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 09 22:37:00 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



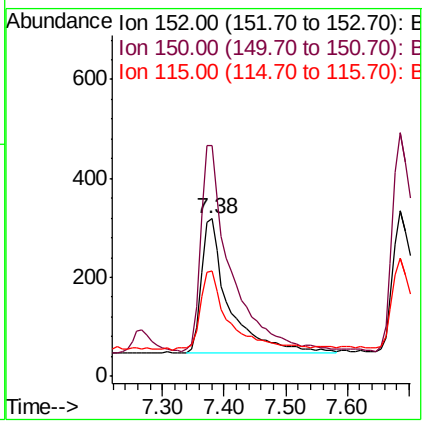


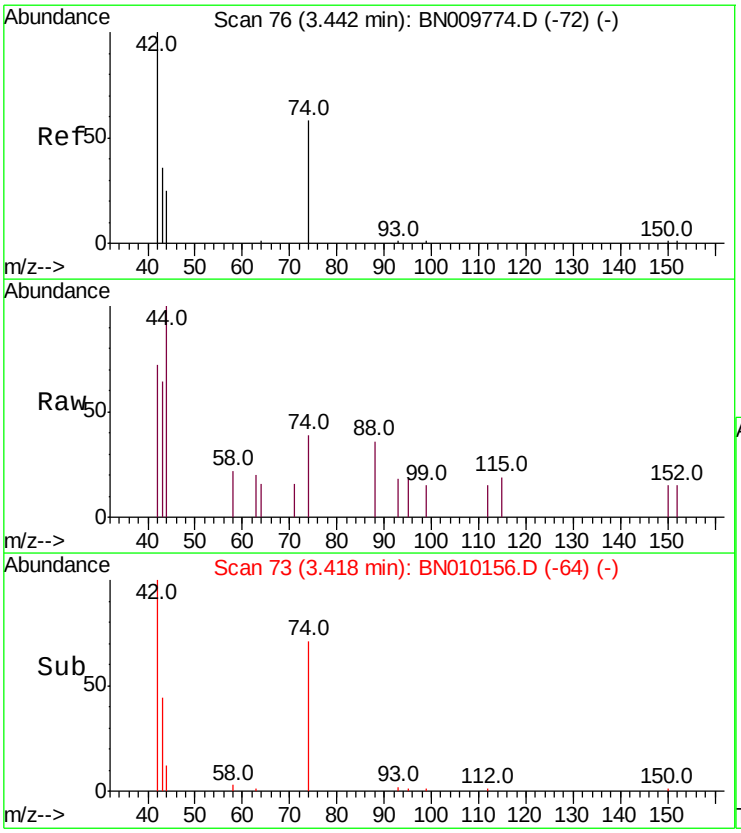
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 824

Ion	Ratio	Lower	Upper
152	100		
150	146.5	120.6	181.0
115	67.0	51.2	76.8

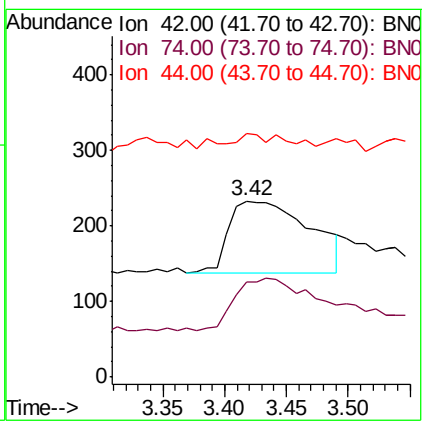


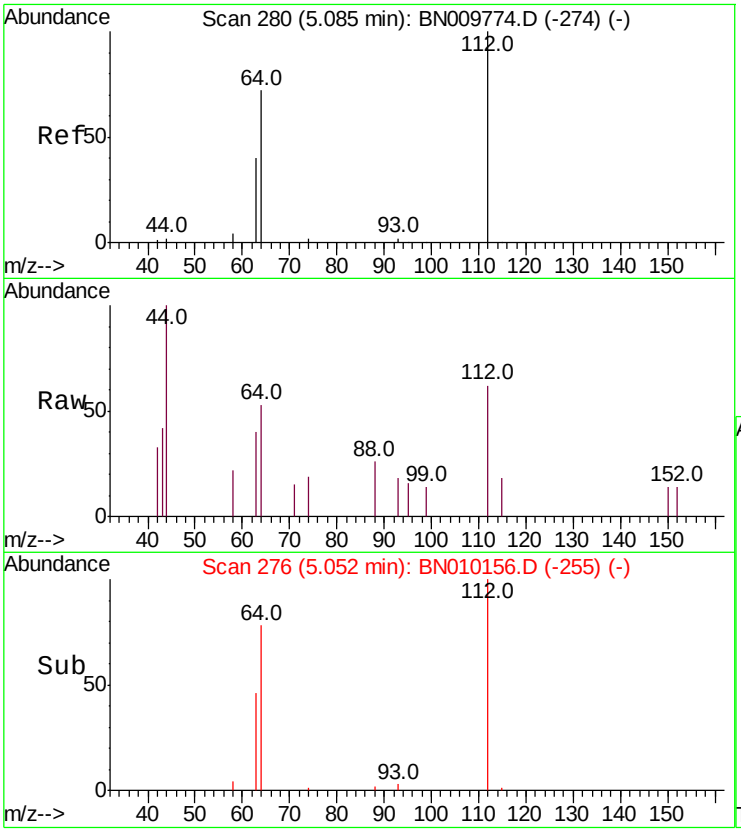


#3
n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.02 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion: 42 Resp: 438

Ion	Ratio	Lower	Upper
42	100		
74	67.8	51.2	76.8
44	10.3	2.6	4.0#



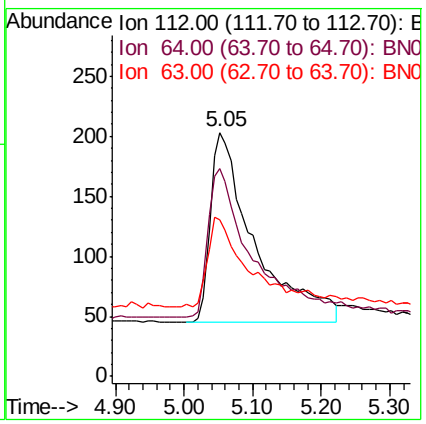


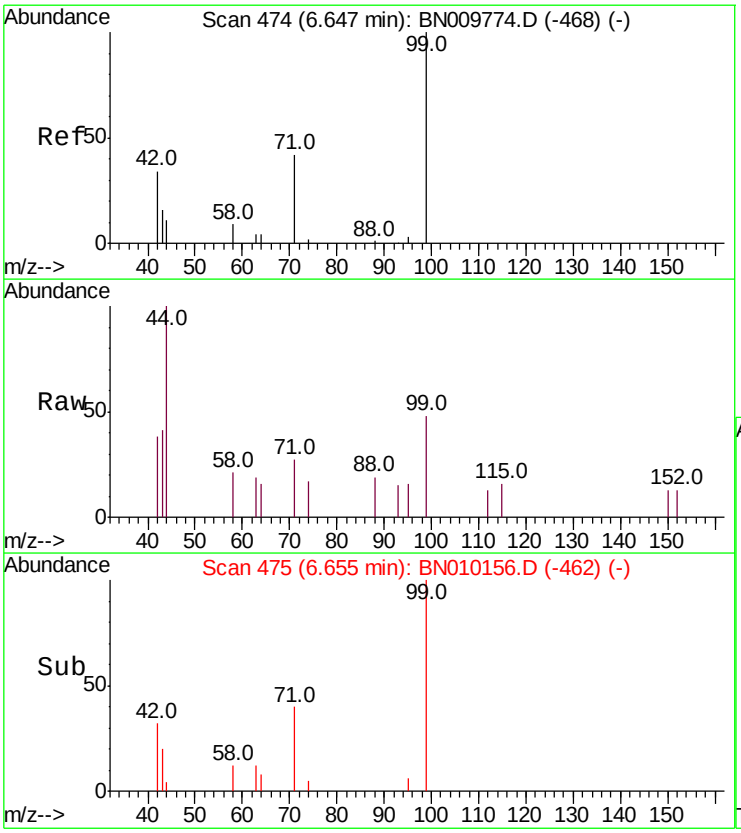
#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.05 min Scan# 276
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 712

Ion	Ratio	Lower	Upper
112	100		
64	79.2	65.8	98.6
63	45.5	38.7	58.1

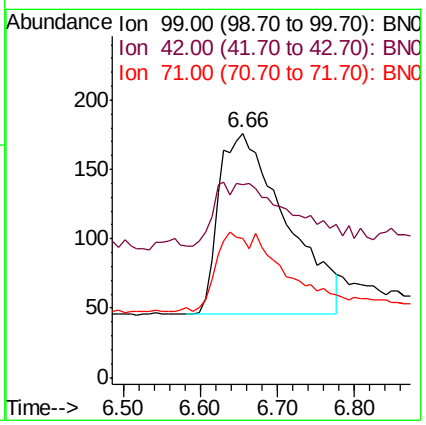


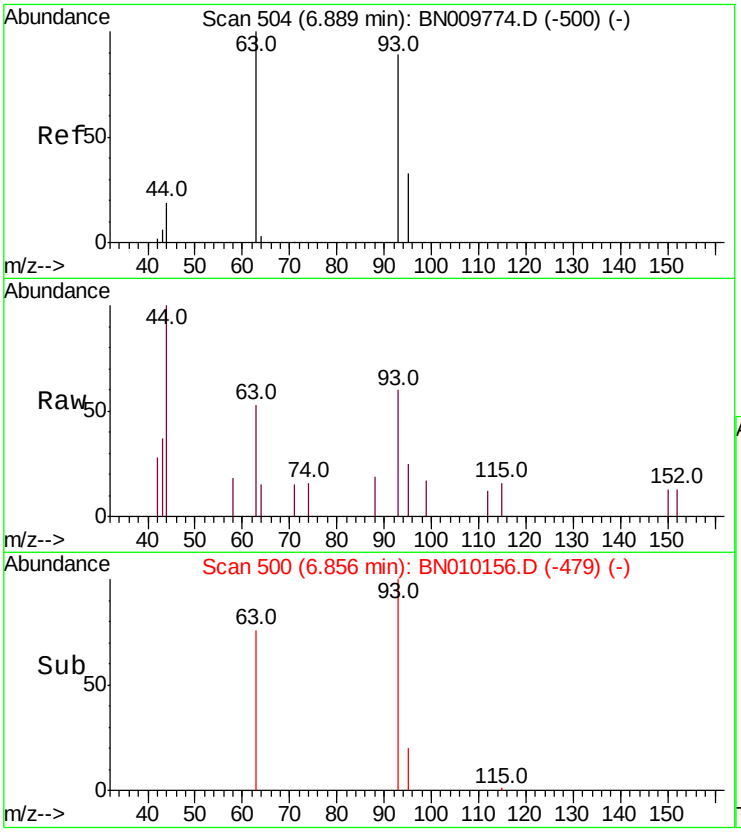


#5
Phenol-d6
Concen: 0.352 ng
RT: 6.66 min Scan# 475
Delta R.T. 0.01 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion: 99 Resp: 785

Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	0.0	34.9	52.3#



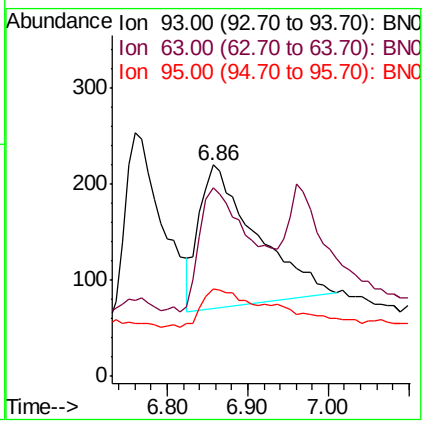


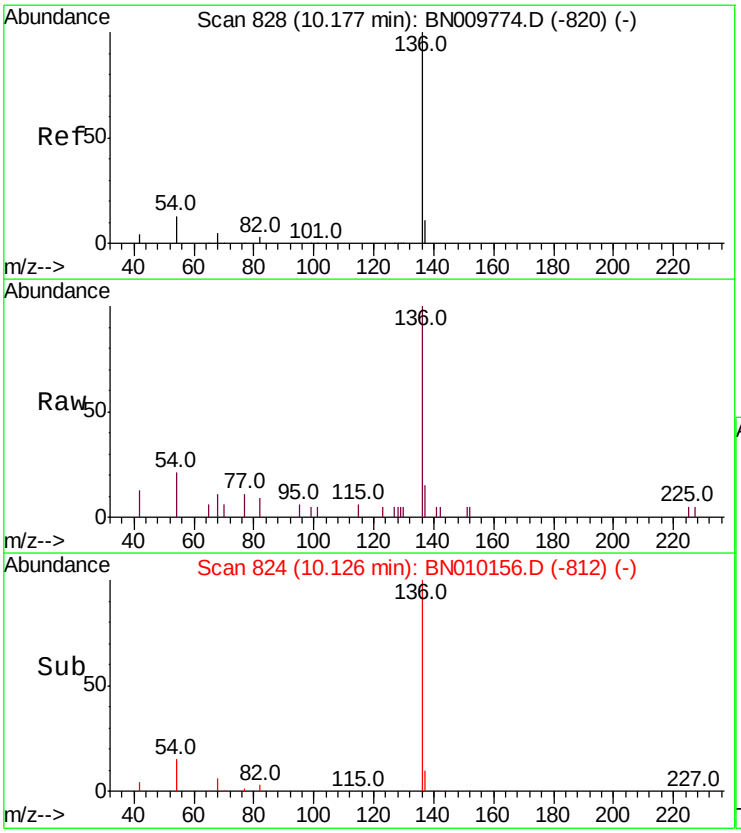
#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 6.86 min Scan# 500
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 717

Ion	Ratio	Lower	Upper
93	100		
63	79.6	74.0	111.0
95	19.8	26.7	40.1#

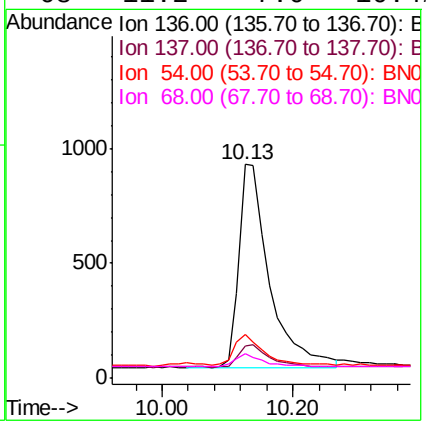


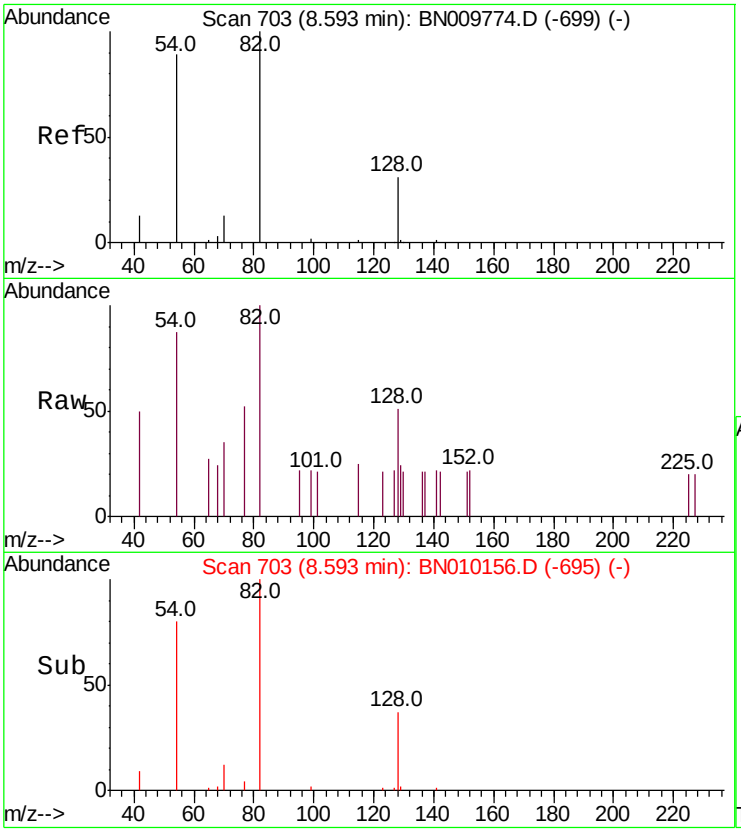


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 824
Delta R.T. -0.05 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:136 Resp: 2864

Ion	Ratio	Lower	Upper
136	100		
137	14.8	11.3	16.9
54	20.5	13.4	20.2#
68	11.2	7.0	10.4#



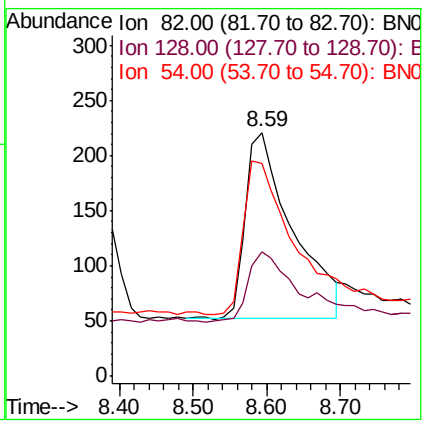


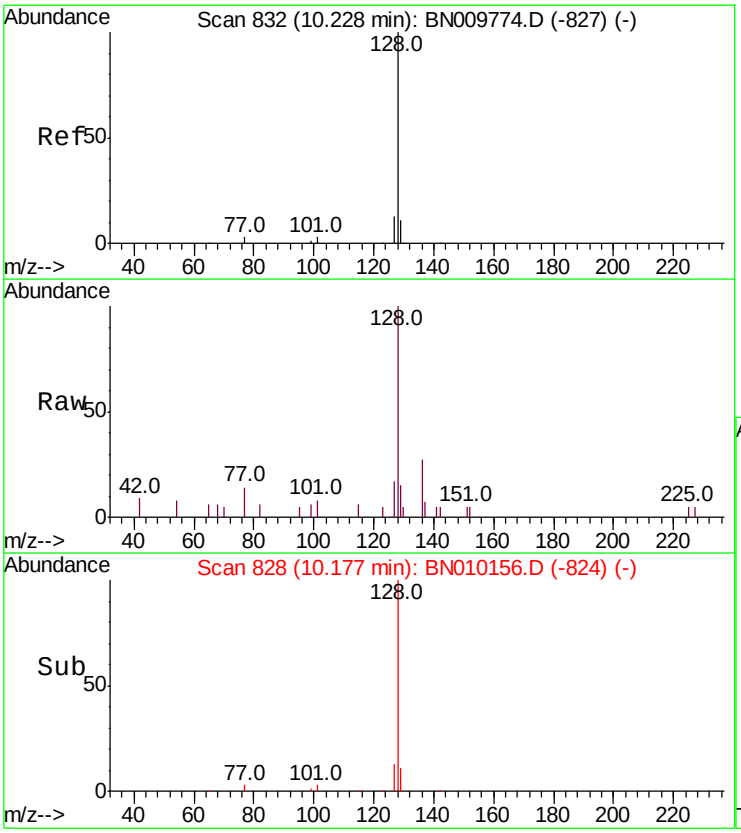
#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.59 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 752

Ion	Ratio	Lower	Upper
82	100		
128	51.1	32.5	48.7#
54	87.3	73.5	110.3

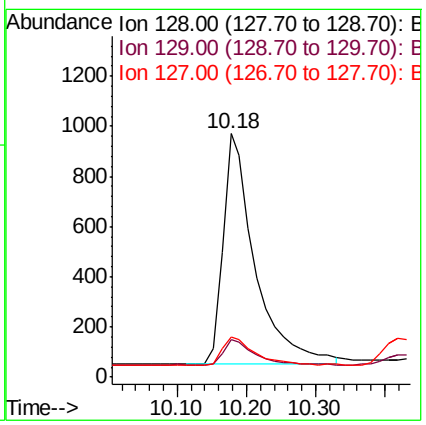


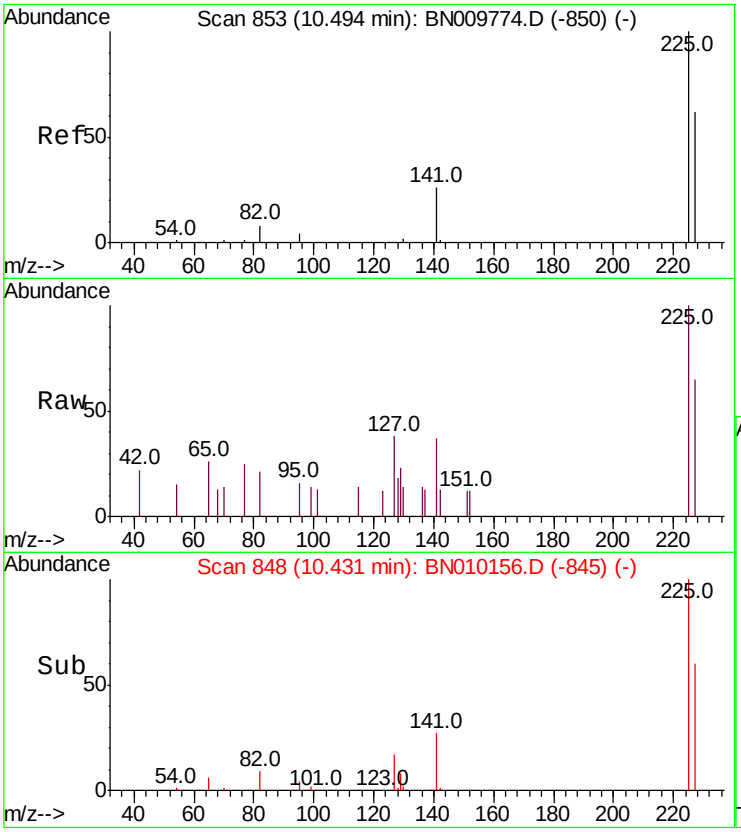


#9
Naphthalene
Concen: 0.382 ng
RT: 10.18 min Scan# 828
Delta R.T. -0.05 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:128 Resp: 2983

Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.1	16.7
127	16.7	12.6	19.0



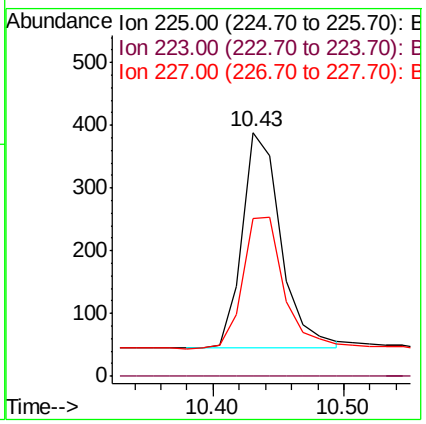


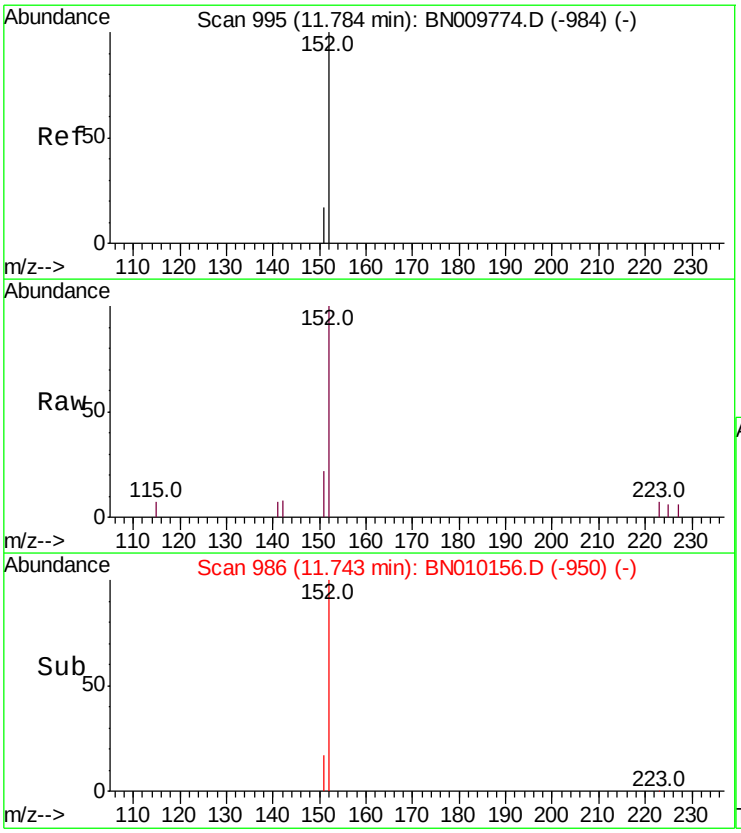
#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 697

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	53.4	80.2

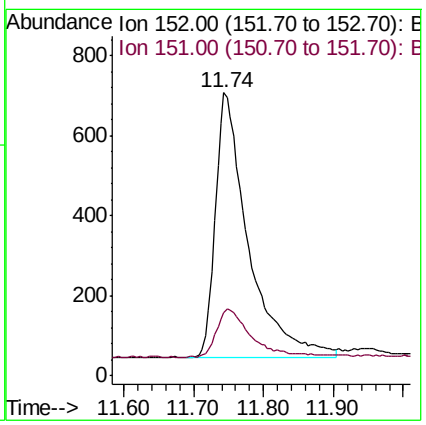


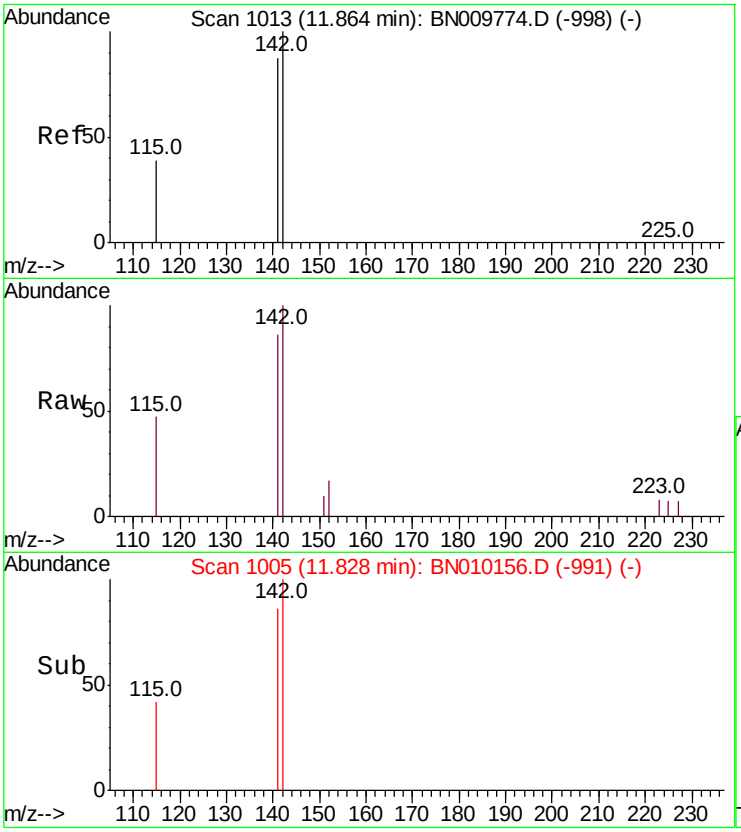


#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:152 Resp: 2167

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7



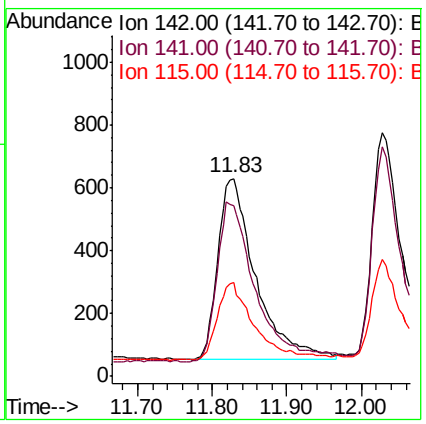


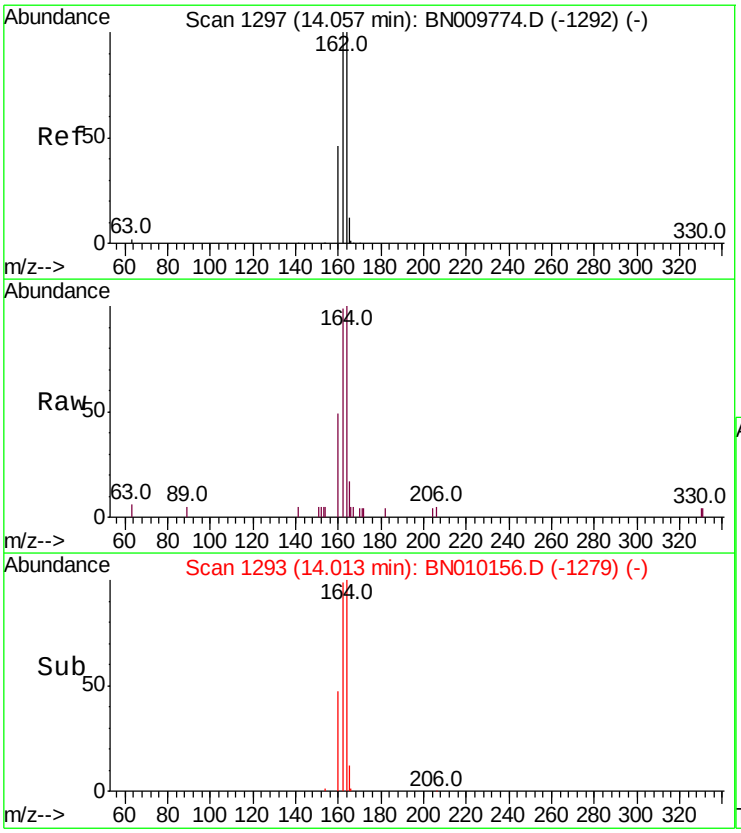
#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 2042

Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.8	104.6
115	47.1	34.6	52.0

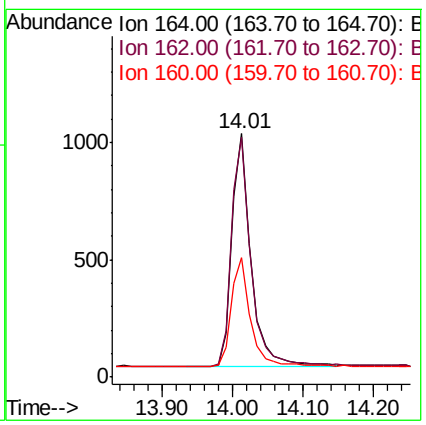


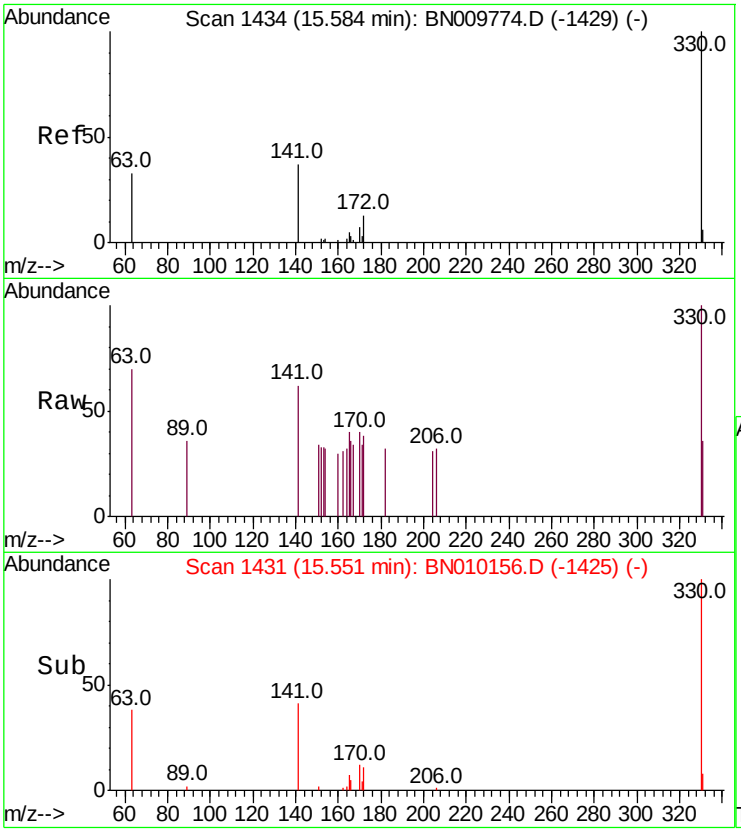


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:164 Resp: 1898

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.9	119.9
160	48.9	38.2	57.2



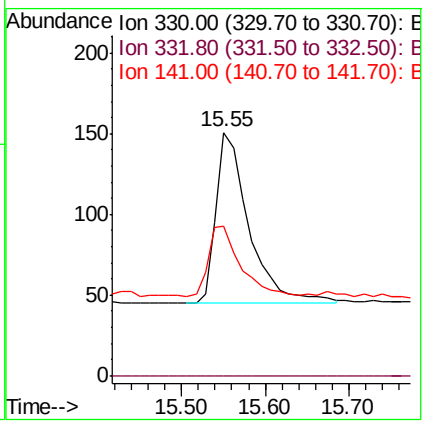


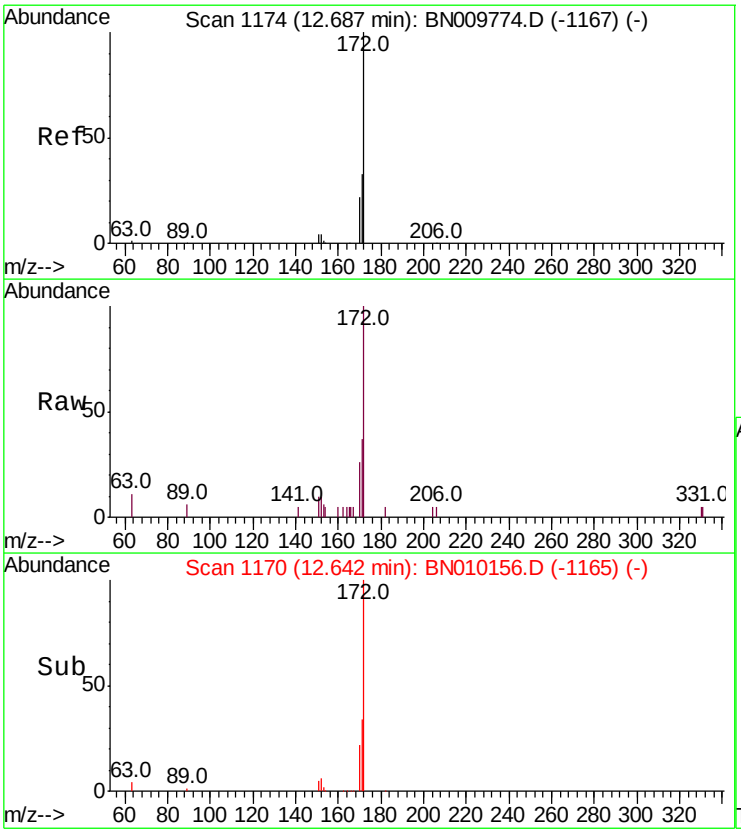
#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 289

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.5	36.8	55.2

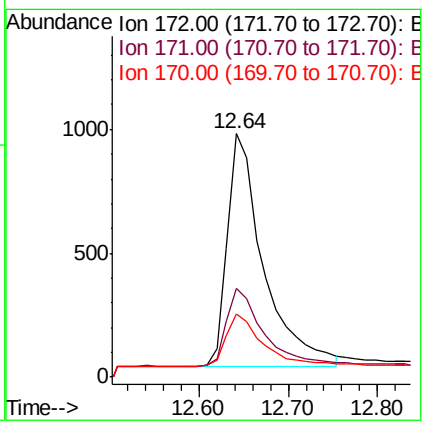


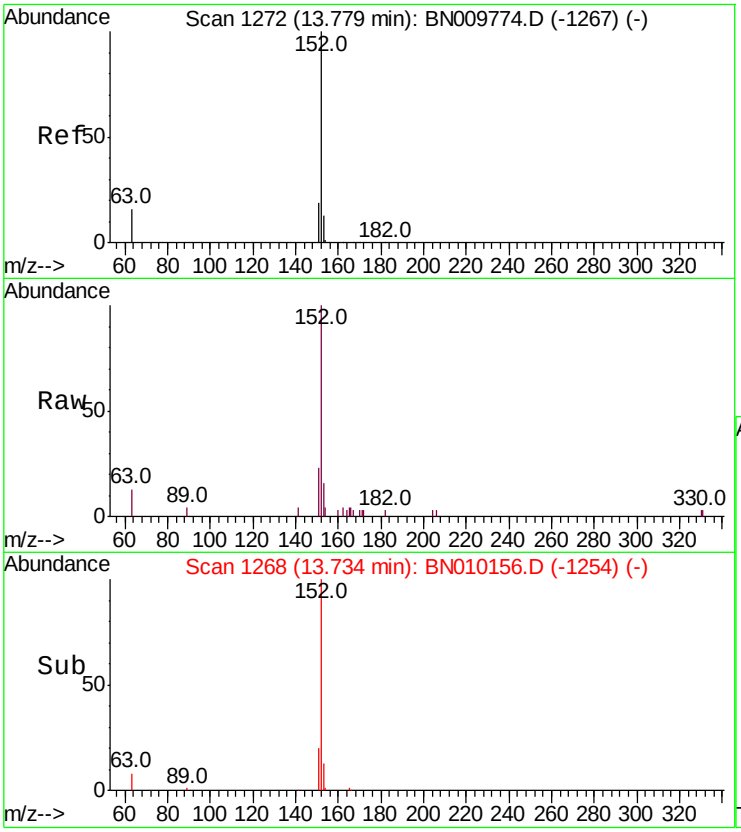


#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:172 Resp: 2637

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	26.0	20.1	30.1



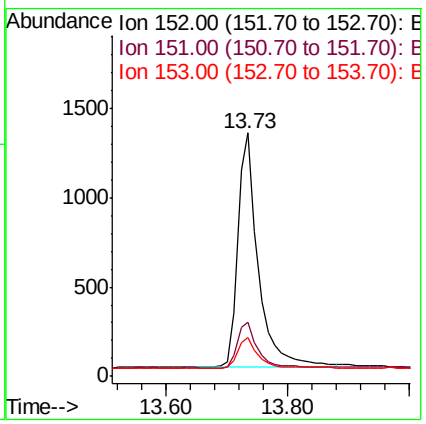


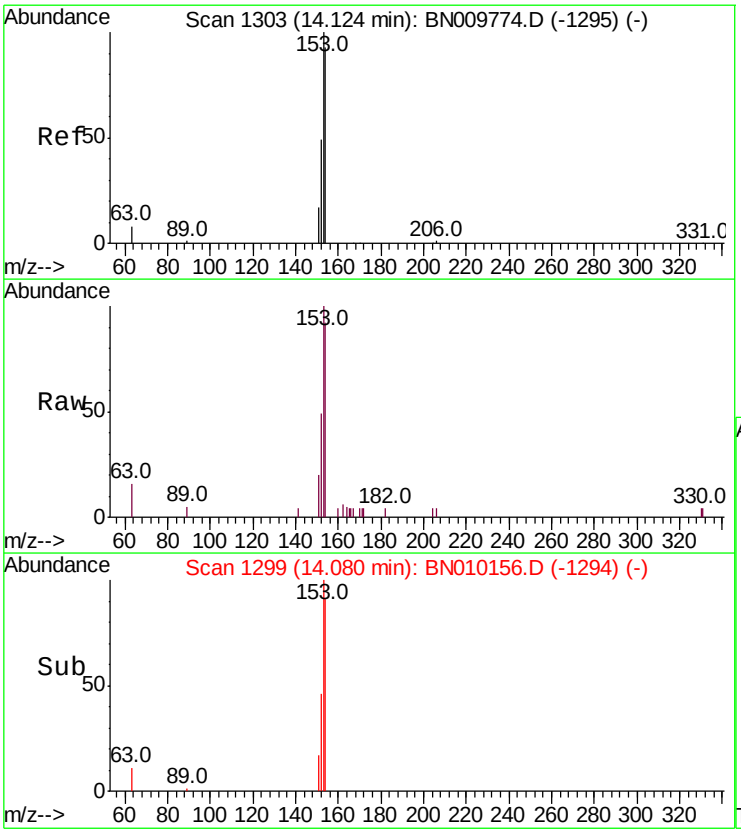
#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.73 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3063

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6
153	13.1	10.2	15.4

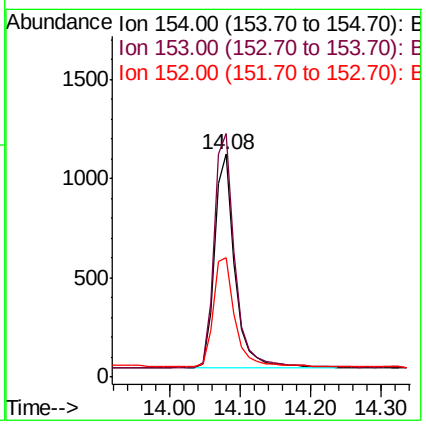


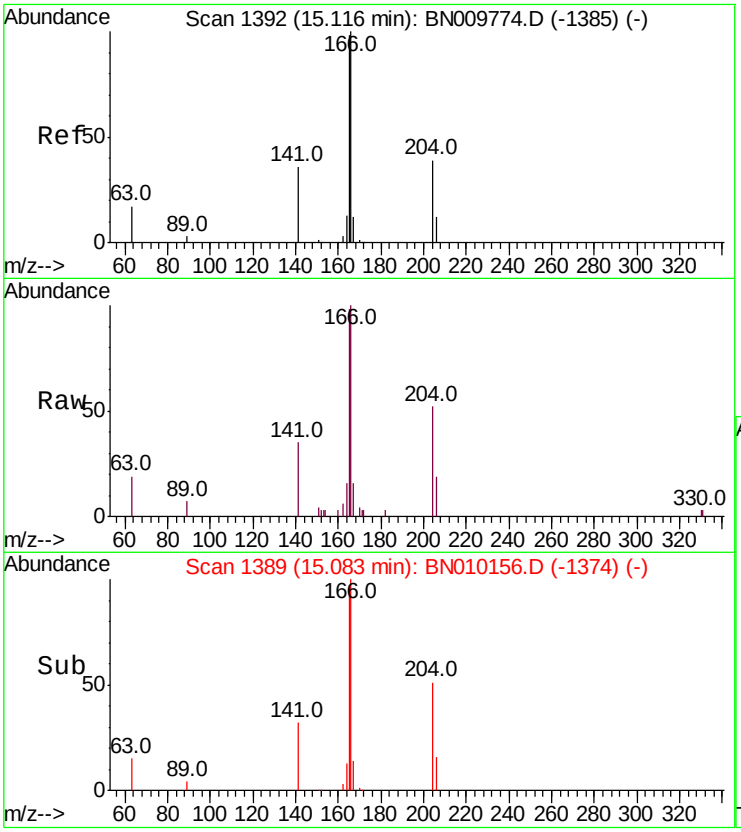


#17
Acenaphthene
Concen: 0.383 ng
RT: 14.08 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:154 Resp: 2179

Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.9	133.3
152	54.5	44.2	66.2



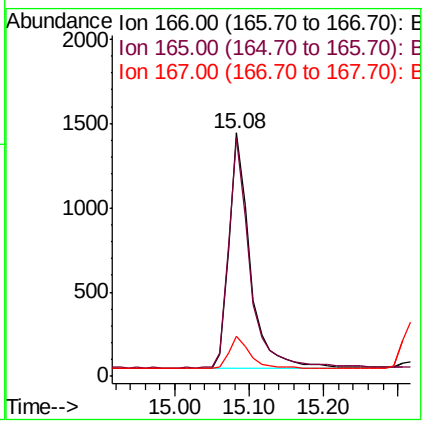


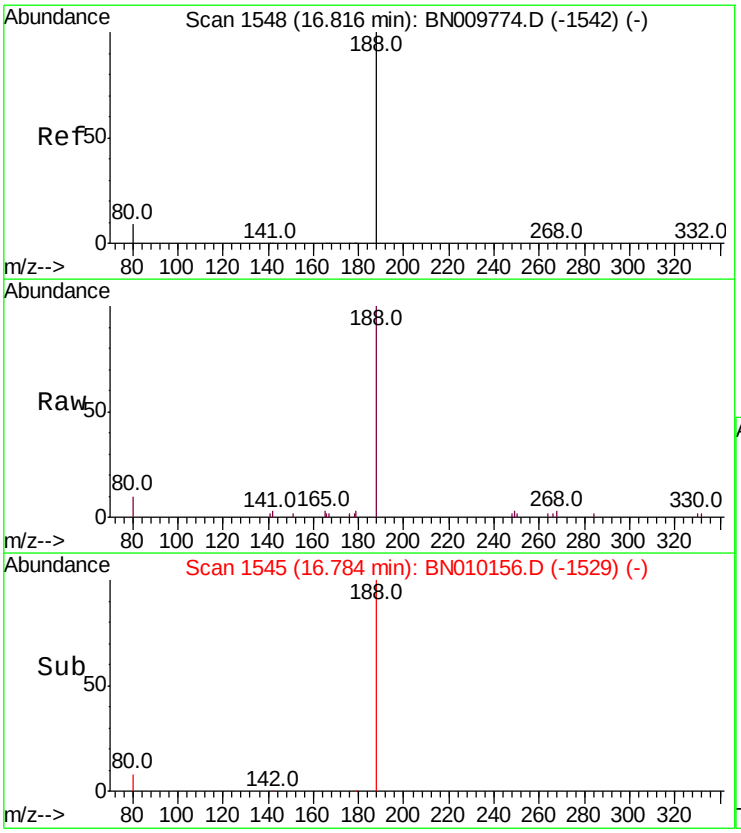
#18
Fluorene
Concen: 0.369 ng
RT: 15.08 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 2767

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.2	115.8
167	14.1	10.5	15.7

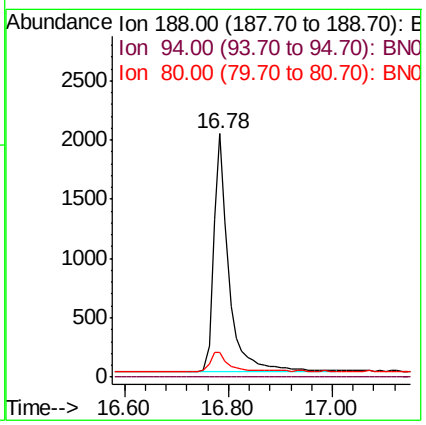


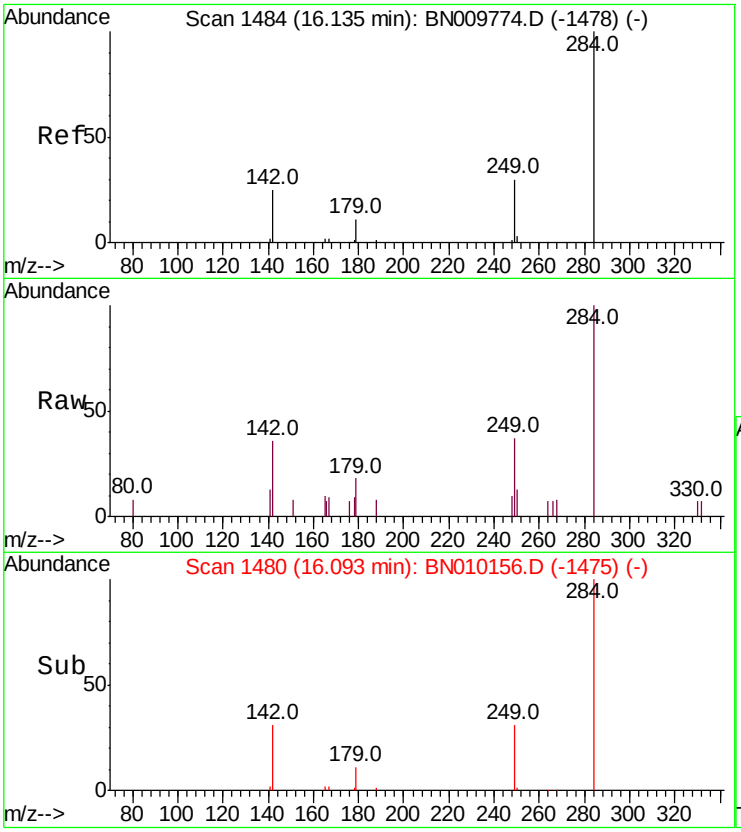


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:188 Resp: 4106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	8.3	12.5



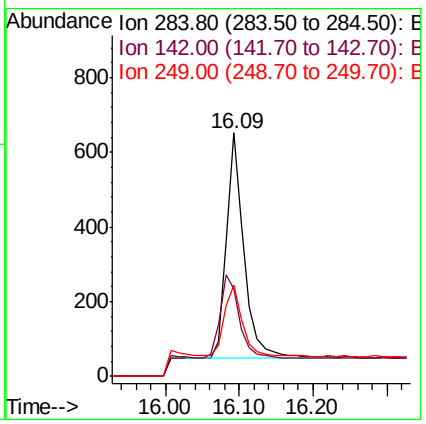


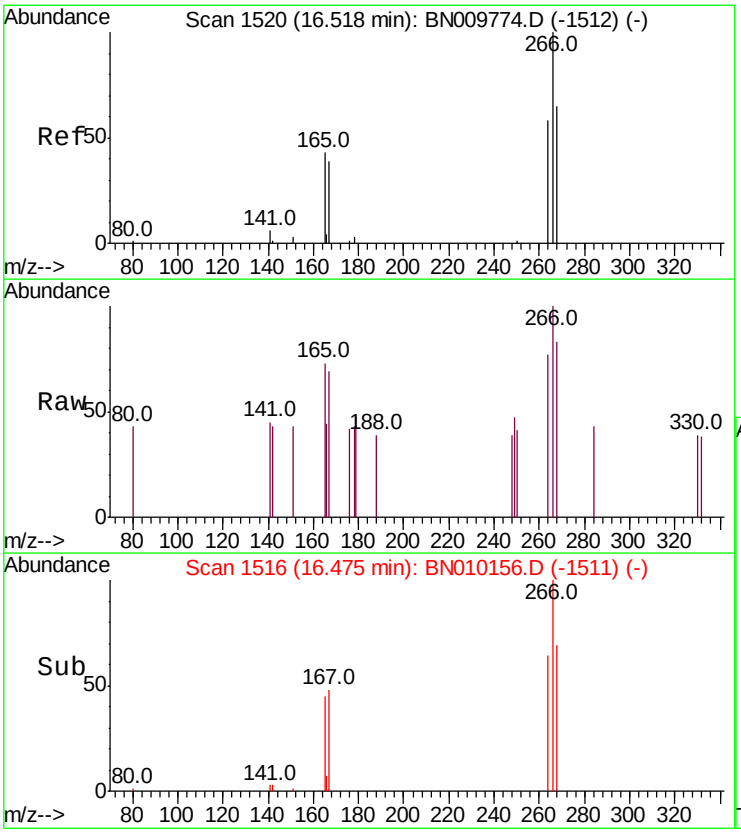
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.09 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1020

Ion	Ratio	Lower	Upper
284	100		
142	39.7	33.3	49.9
249	32.7	25.7	38.5

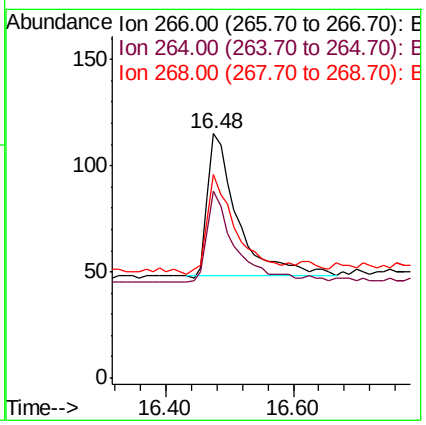


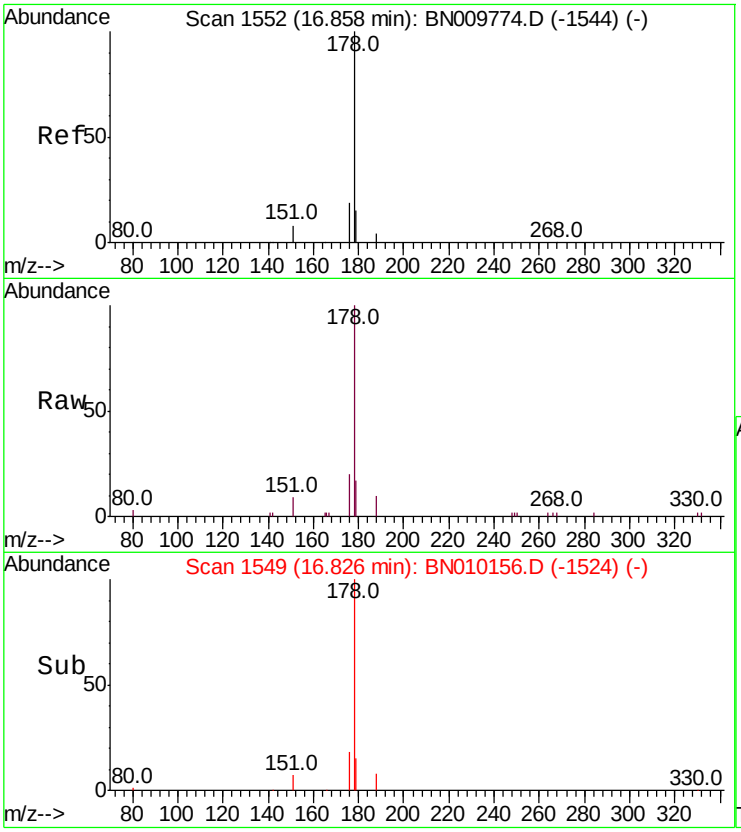


#22
Pentachlorophenol
Concen: 0.434 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:266 Resp: 219

Ion	Ratio	Lower	Upper
266	100		
264	76.5	58.1	87.1
268	83.5	65.7	98.5



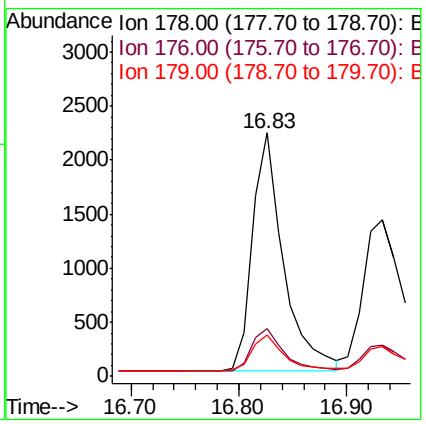


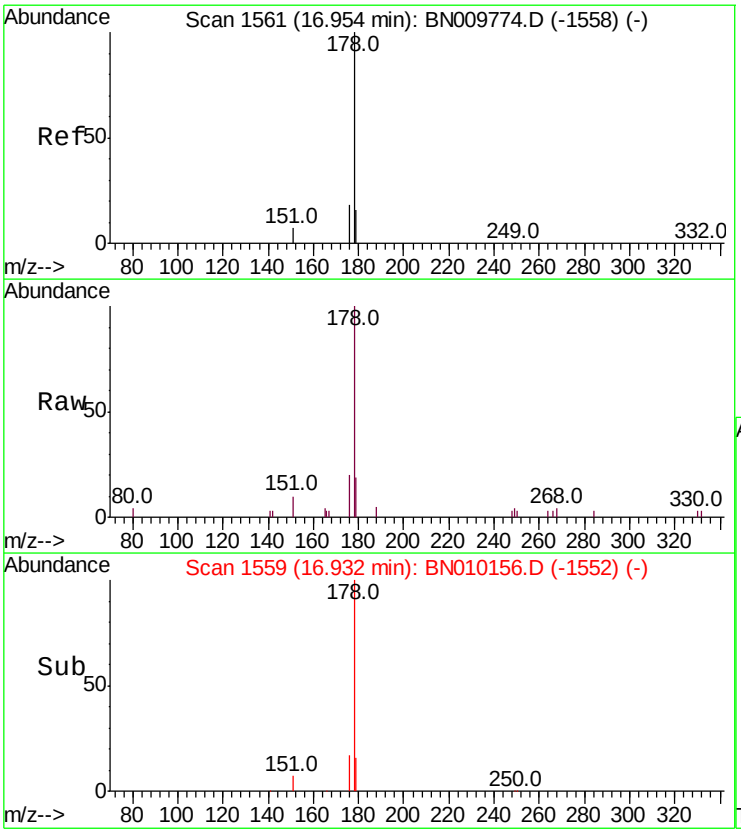
#23
Phenanthrene
Concen: 0.358 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4374

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.4	18.6

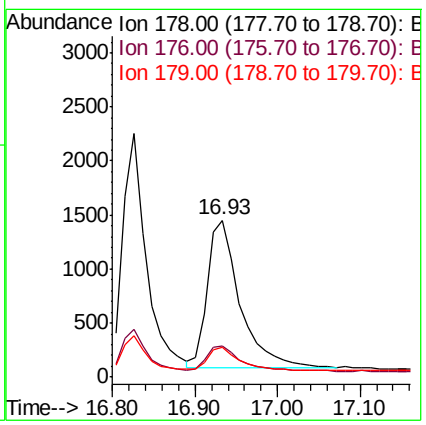


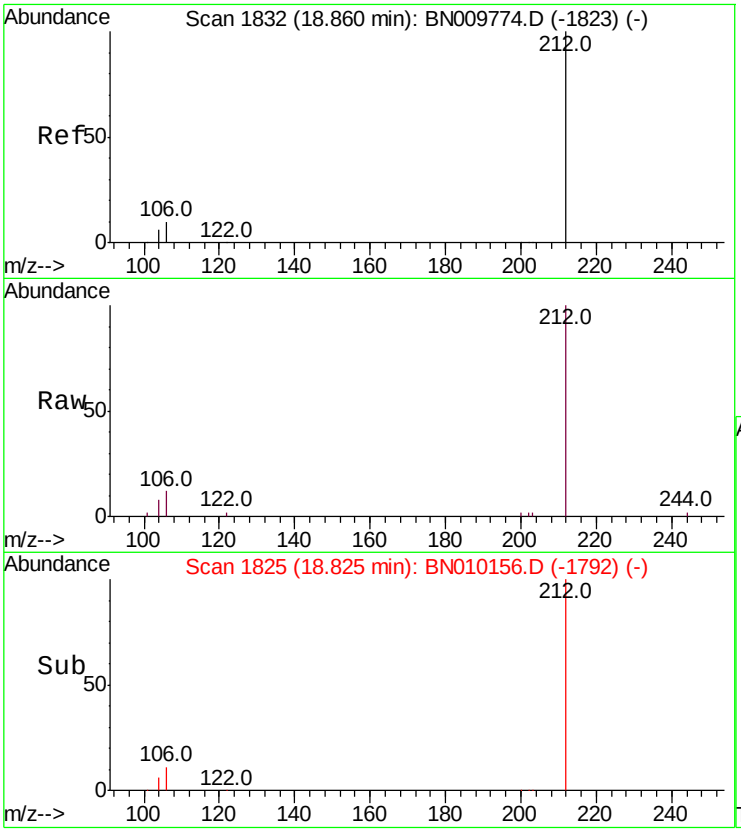


#24
Anthracene
Concen: 0.358 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:178 Resp: 3698

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.3	21.5
179	14.7	12.4	18.6



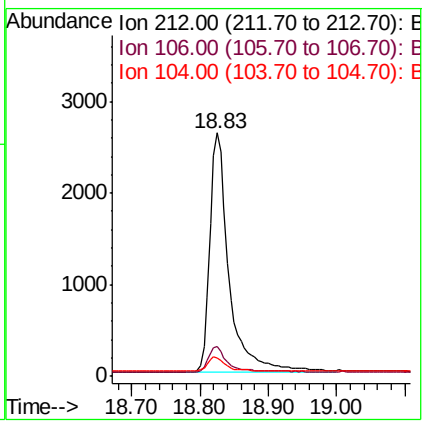


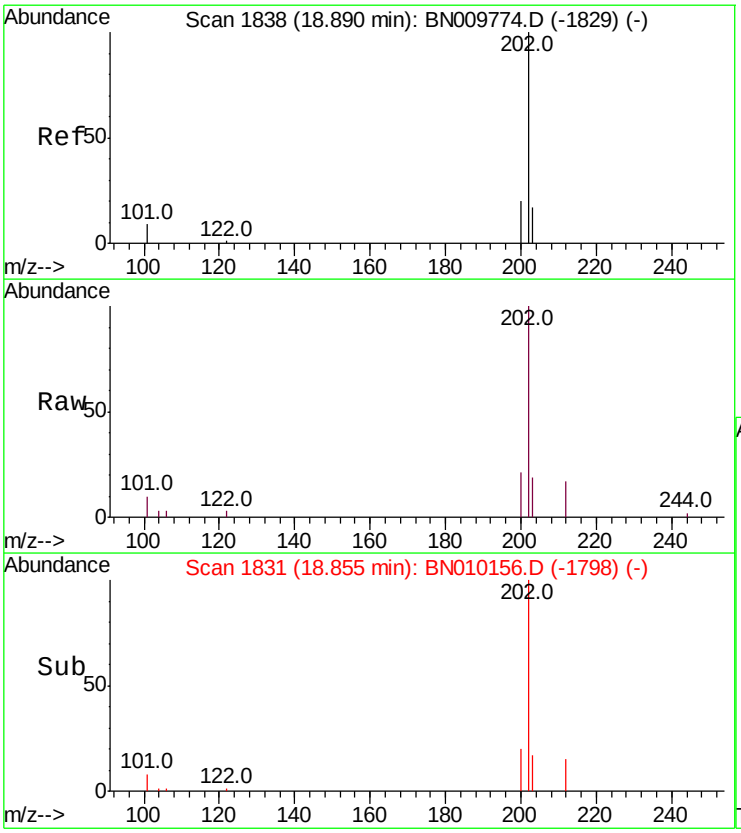
#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 18.83 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5152

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.8	4.8	7.2

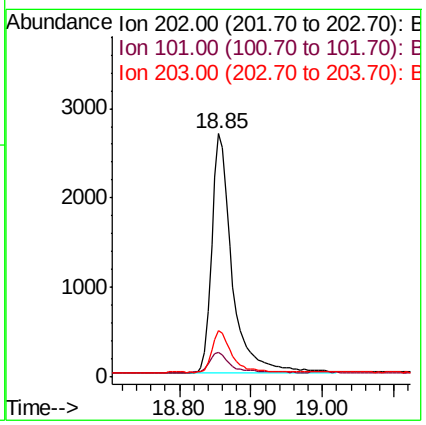


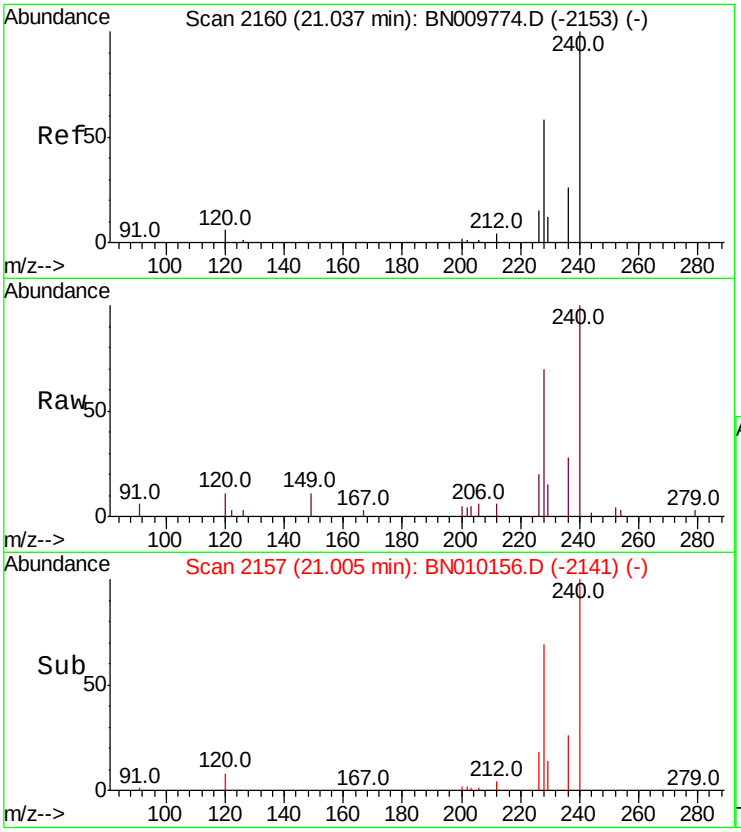


#26
Fluoranthene
Concen: 0.359 ng
RT: 18.85 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:202 Resp: 5246

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.1	10.7
203	16.7	13.8	20.6



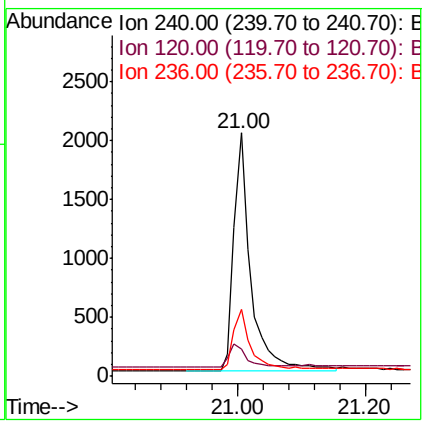


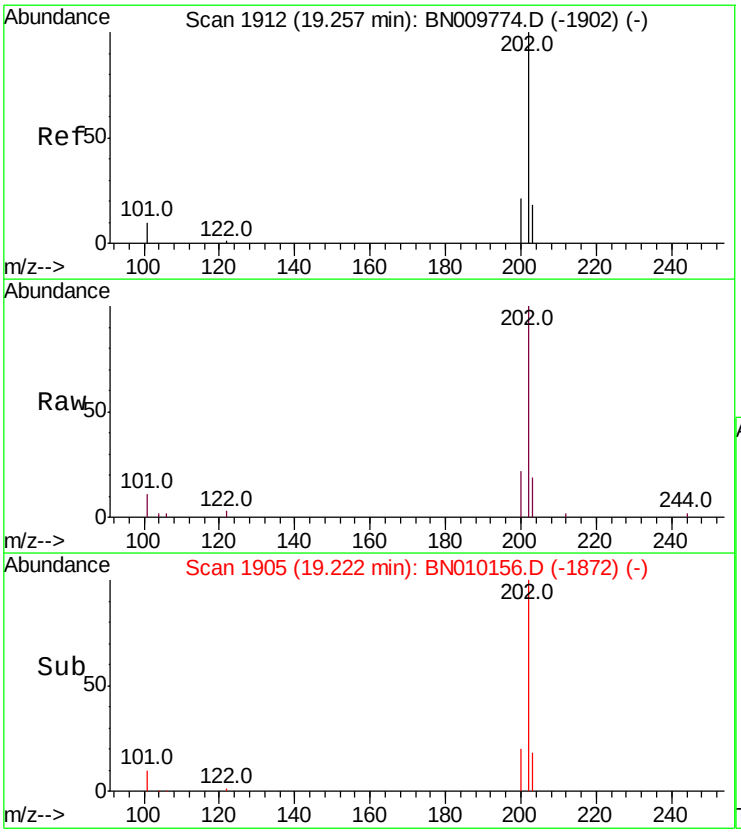
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3731

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.9	11.9
236	27.7	22.0	33.0

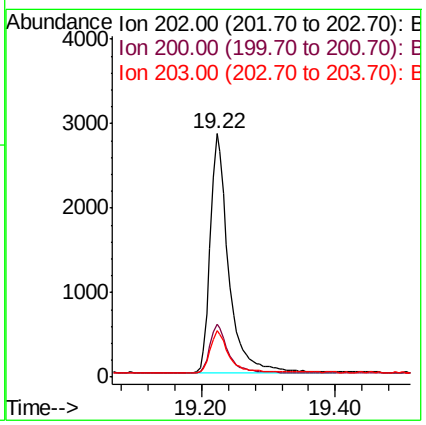


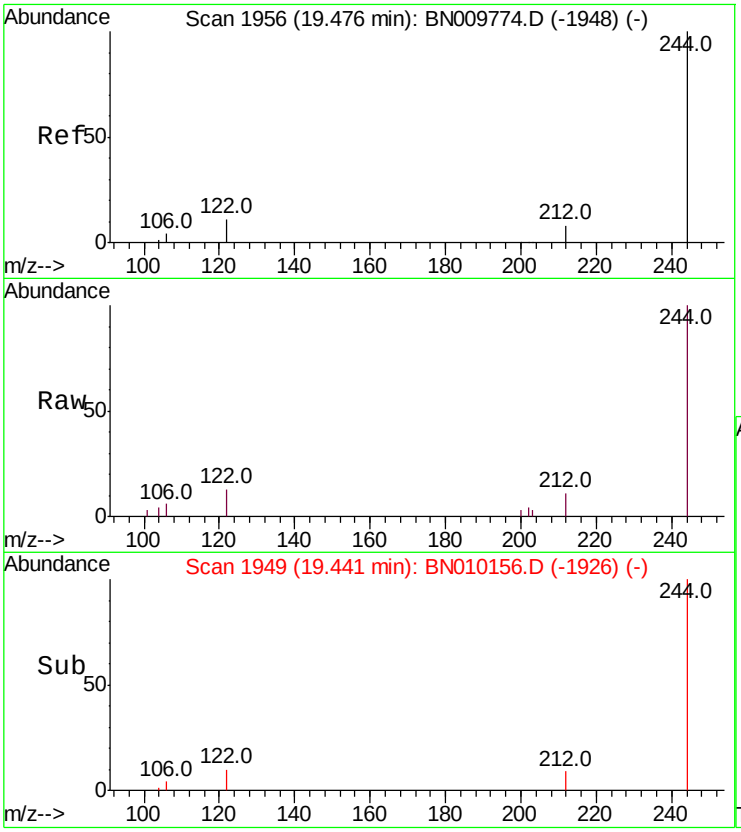


#28
Pyrene
Concen: 0.380 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:202 Resp: 5384

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	18.0	13.9	20.9



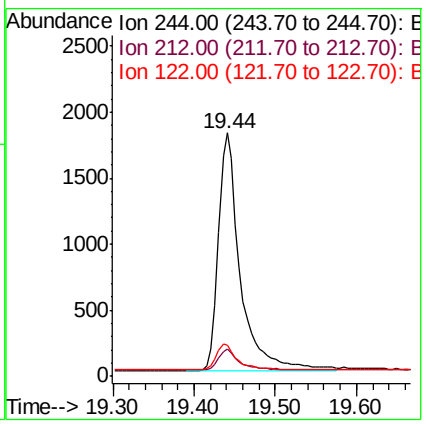


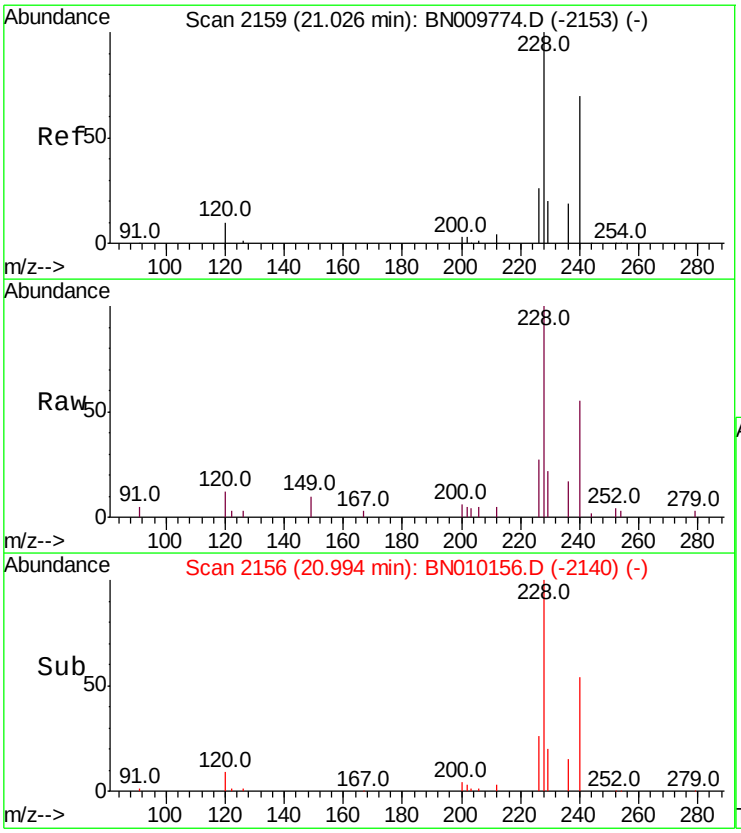
#29
Terphenyl-d14
Concen: 0.374 ng
RT: 19.44 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3337

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.0	12.0
122	12.8	10.0	15.0

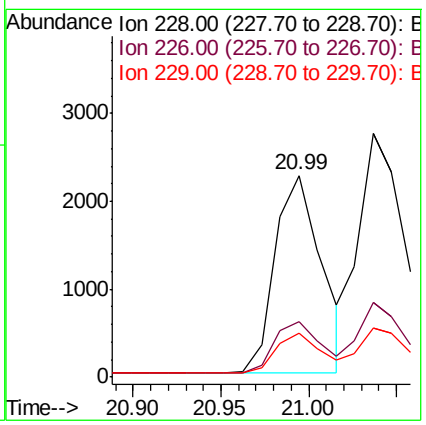


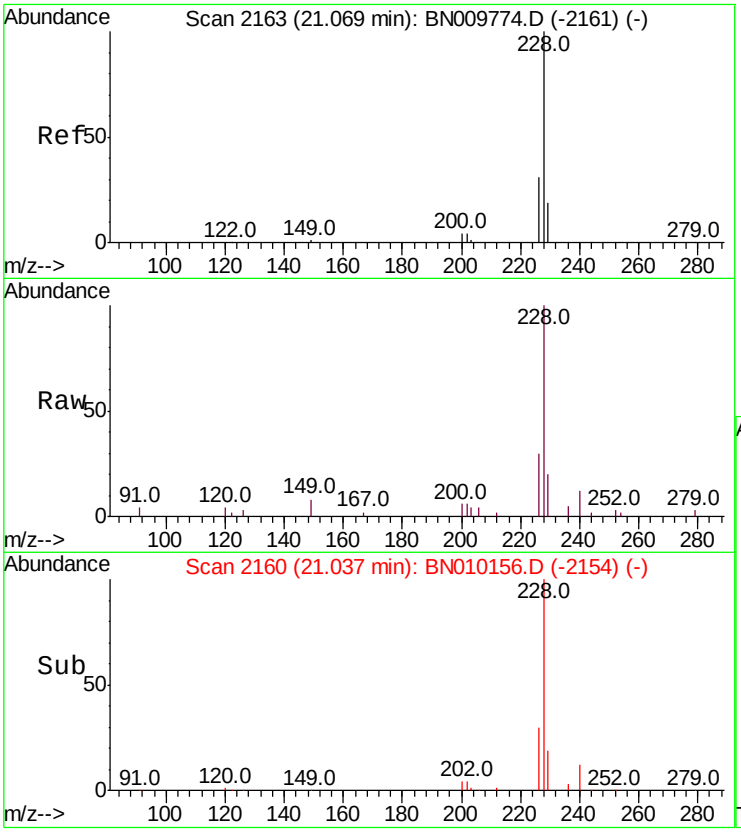


#30
Benzo(a)anthracene
Concen: 0.336 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:228 Resp: 4161

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	21.5	17.1	25.7



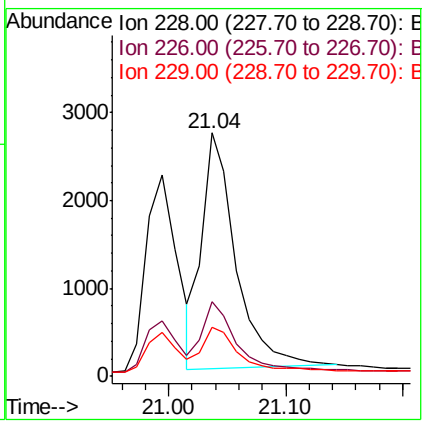


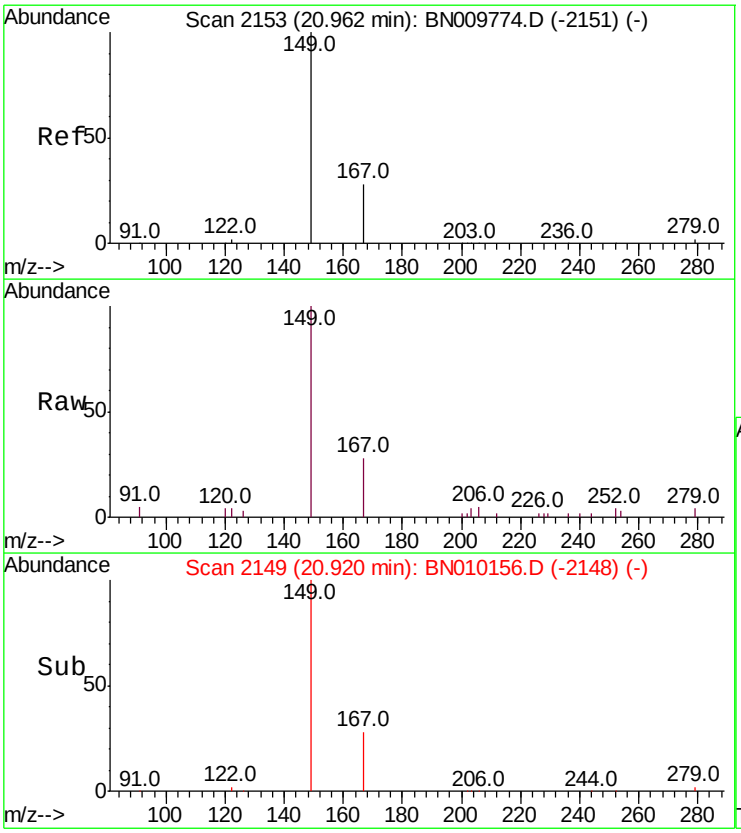
#31
Chrysene
Concen: 0.379 ng
RT: 21.04 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 5422

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	20.4	16.4	24.6

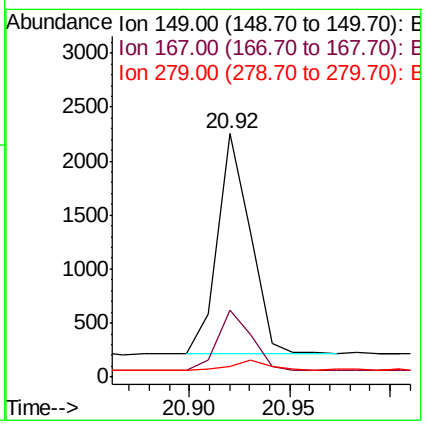


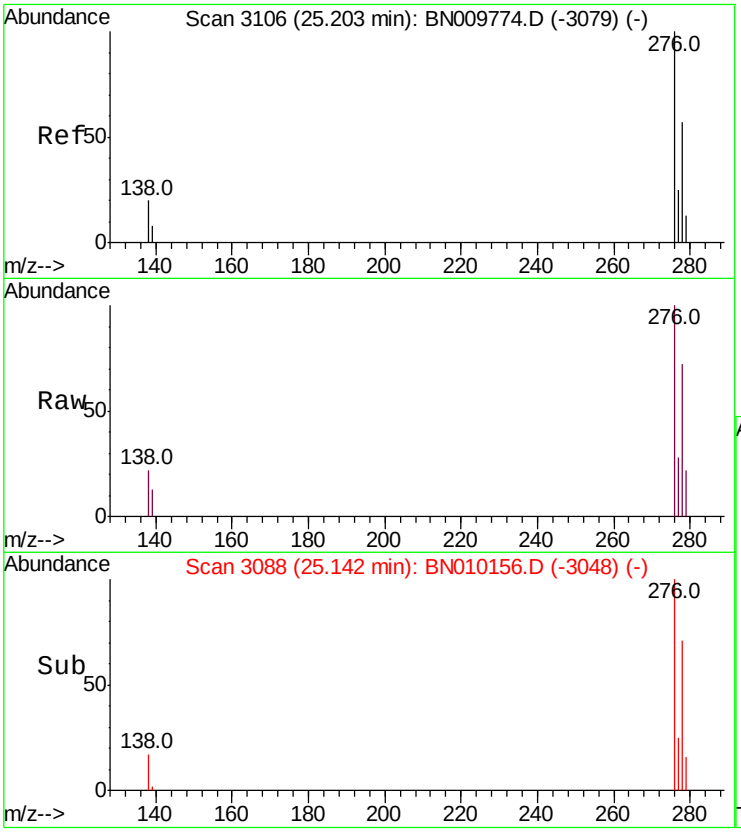


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:149 Resp: 2335

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.7	34.1
279	4.2	3.1	4.7



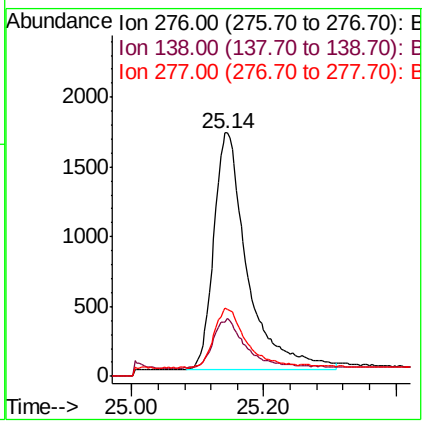


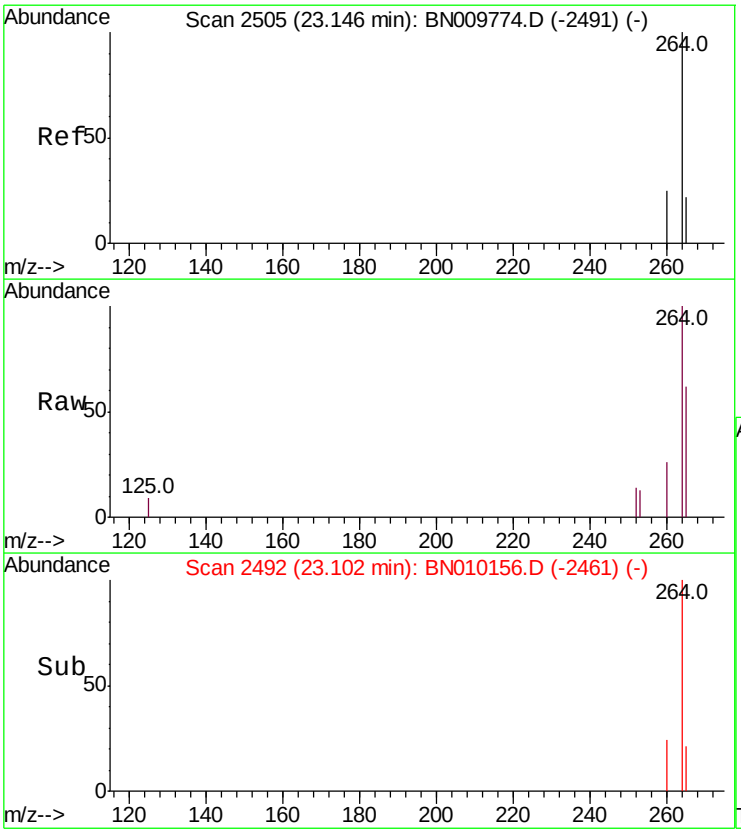
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 25.14 min Scan# 3088
Delta R.T. -0.06 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5951

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.8	23.6
277	23.7	19.3	28.9

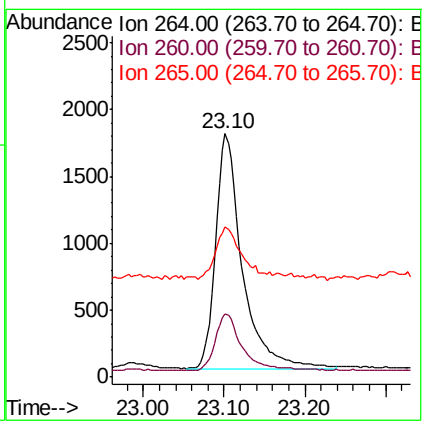


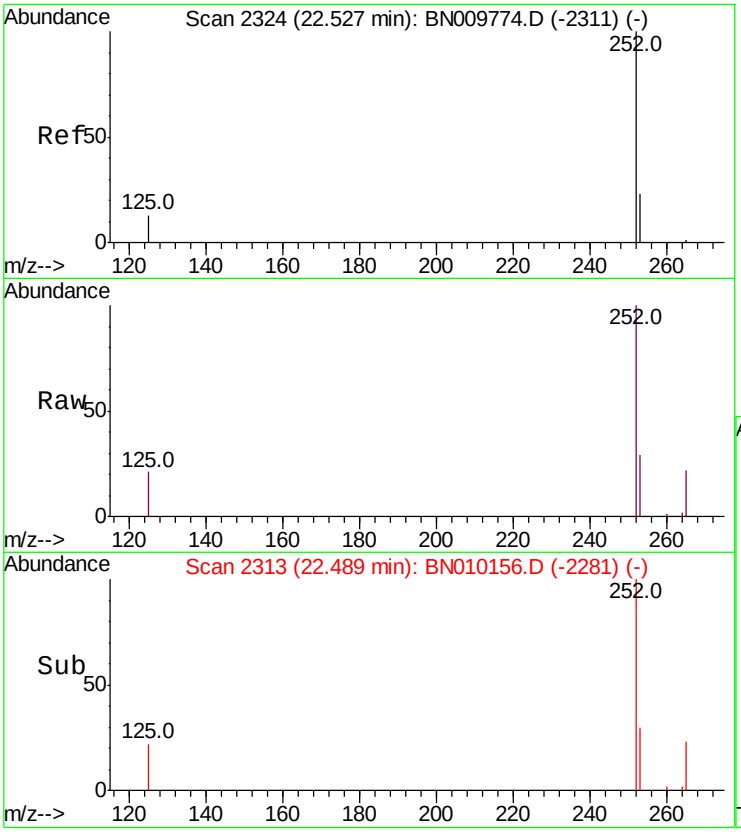


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:264 Resp: 4015

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.1	31.7
265	61.6	57.5	86.3



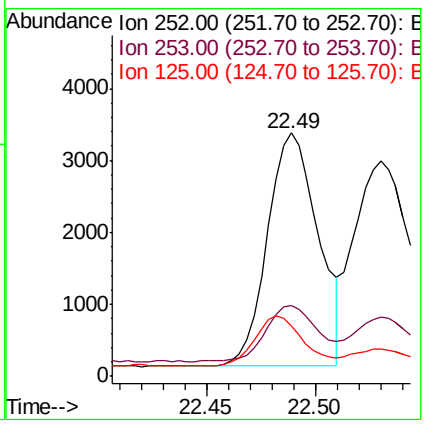


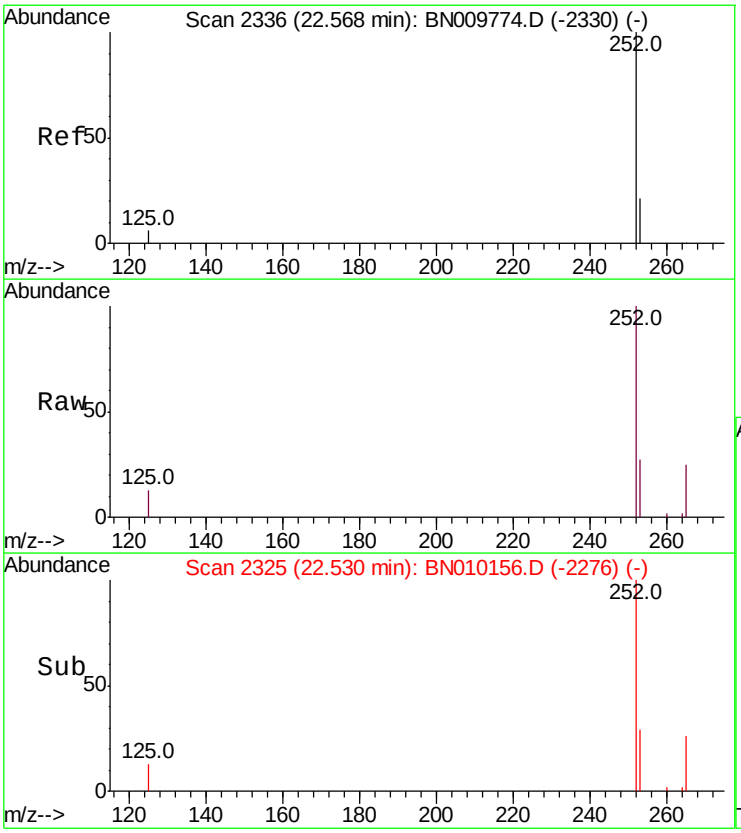
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.49 min Scan# 2313
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5255

Ion	Ratio	Lower	Upper
252	100		
253	29.0	23.0	34.6
125	20.7	14.4	21.6

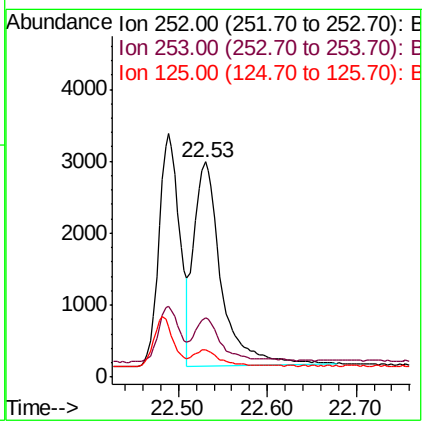


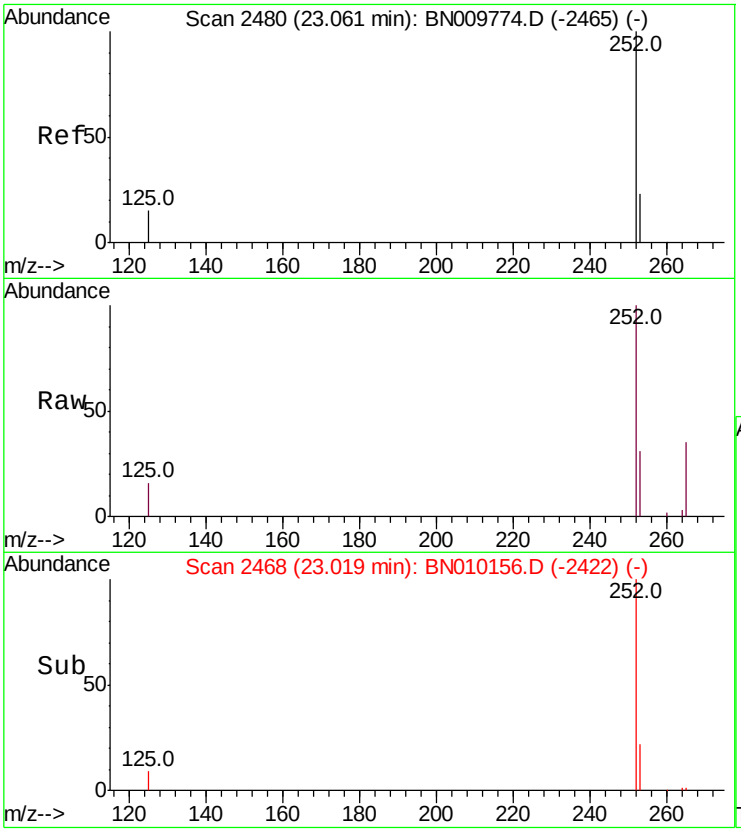


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 22.53 min Scan# 2325
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:252 Resp: 6015

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.2	33.2
125	12.7	10.5	15.7



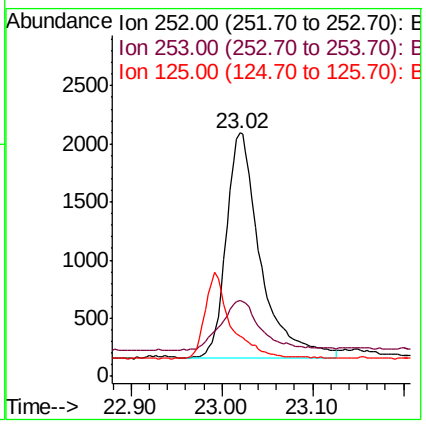


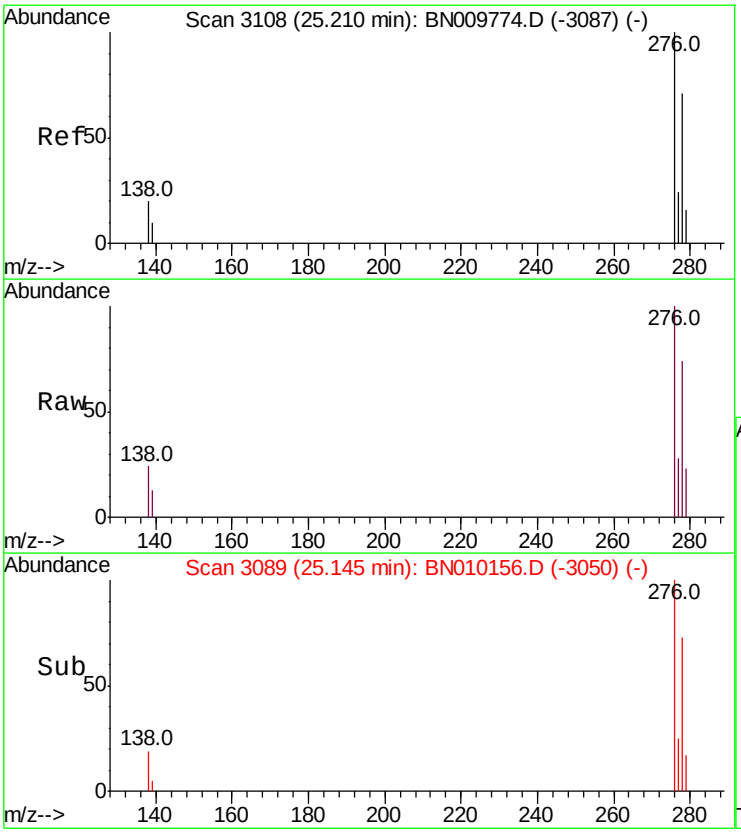
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.02 min Scan# 2468
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5039

Ion	Ratio	Lower	Upper
252	100		
253	31.0	25.3	37.9
125	16.3	17.7	26.5#

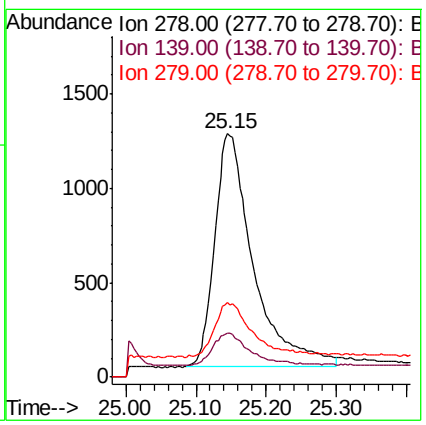


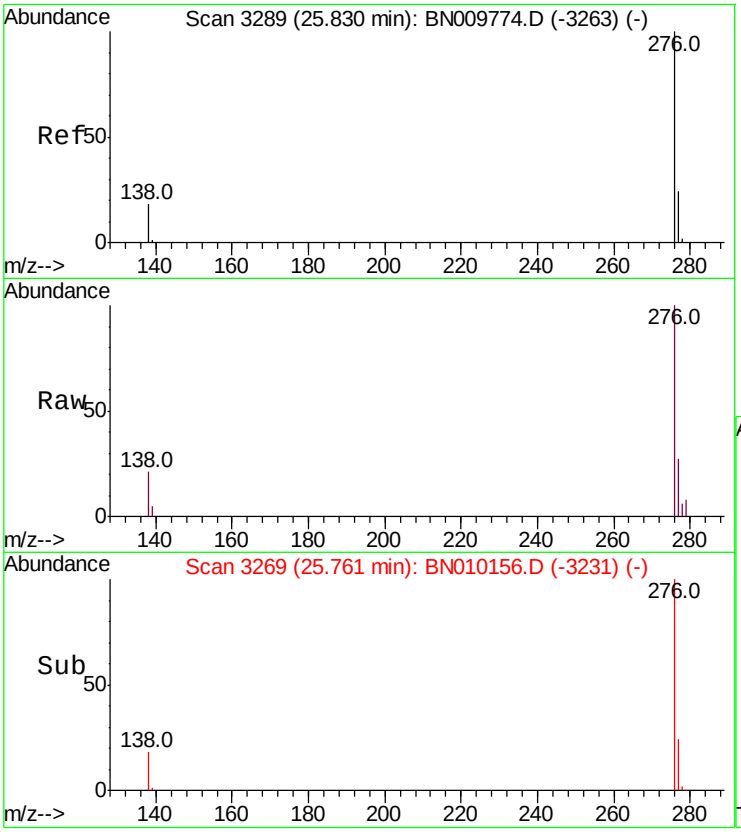


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.15 min Scan# 3089
Delta R.T. -0.07 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:278 Resp: 4695

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	30.9	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 25.76 min Scan# 3269
Delta R.T. -0.07 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5347

Ion	Ratio	Lower	Upper
276	100		
277	26.7	21.4	32.0
138	21.3	16.6	24.8