Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010143.D
Acq On : 09 Mar 2020 11:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 09 16:57:06 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	7.37	152	922	0.40	ng		-0.05
7) Naphthalene-d8	10.13	136	3355	0.40	ng		-0.05
13) Acenaphthene-d10	14.01	164	2300	0.40	ng		-0.05
19) Phenanthrene-d10	16.78	188	5117	0.40	ng		-0.04
27) Chrysene-d12	21.00	240	4618	0.40	ng		-0.04
34) Perylene-d12	23.09	264	4972	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	818	0.40	ng		-0.04
5) Phenol-d6	6.61	99	926	0.37	ng		-0.03
8) Nitrobenzene-d5	8.57	82	936	0.34	ng		-0.03
11) 2-Methylnaphthalene-d10	11.74	152	2600	0.40	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	354	0.40	ng		-0.04
15) 2-Fluorobiphenyl	12.64	172	3196	0.37	ng		-0.05
25) Fluoranthene-d10	18.82	212	6393	0.36	ng		-0.04
29) Terphenyl-d14	19.44	244	4062	0.37	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	368	0.390	ng		87
3) n-Nitrosodimethylamine	3.42	42	569	0.367	ng	#	97
6) bis(2-Chloroethyl)ether	6.84	93	987	0.407	ng	#	87
9) Naphthalene	10.18	128	3553	0.388	ng		100
10) Hexachlorobutadiene	10.43	225	810	0.402	ng	#	97
12) 2-Methylnaphthalene	11.81	142	2482	0.396	ng		99
16) Acenaphthylene	13.73	152	3744	0.382	ng		98
17) Acenaphthene	14.08	154	2615	0.379	ng		99
18) Fluorene	15.08	166	3380	0.372	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	250	Below Cal			95
21) Hexachlorobenzene	16.09	284	1260	0.395	ng		98
22) Pentachlorophenol	16.48	266	254	0.417	ng		97
23) Phenanthrene	16.82	178	5495	0.361	ng		100
24) Anthracene	16.92	178	4620	0.359	ng		99
26) Fluoranthene	18.85	202	6553	0.359	ng		99
28) Pyrene	19.22	202	6629	0.378	ng		100
30) Benzo(a)anthracene	20.99	228	5663	0.370	ng		99
31) Chrysene	21.04	228	6248	0.352	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2675	0.358	ng		100
33) Indeno(1,2,3-cd)pyrene	25.13	276	7442	0.403	ng		99
35) Benzo(b)fluoranthene	22.48	252	6432	0.354	ng		97
36) Benzo(k)fluoranthene	22.52	252	7453	0.377	ng		97
37) Benzo(a)pyrene	23.01	252	6241	0.376	ng	#	93
38) Dibenzo(a,h)anthracene	25.13	278	5972	0.366	ng		97
39) Benzo(g,h,i)perylene	25.75	276	6463	0.372	ng		97

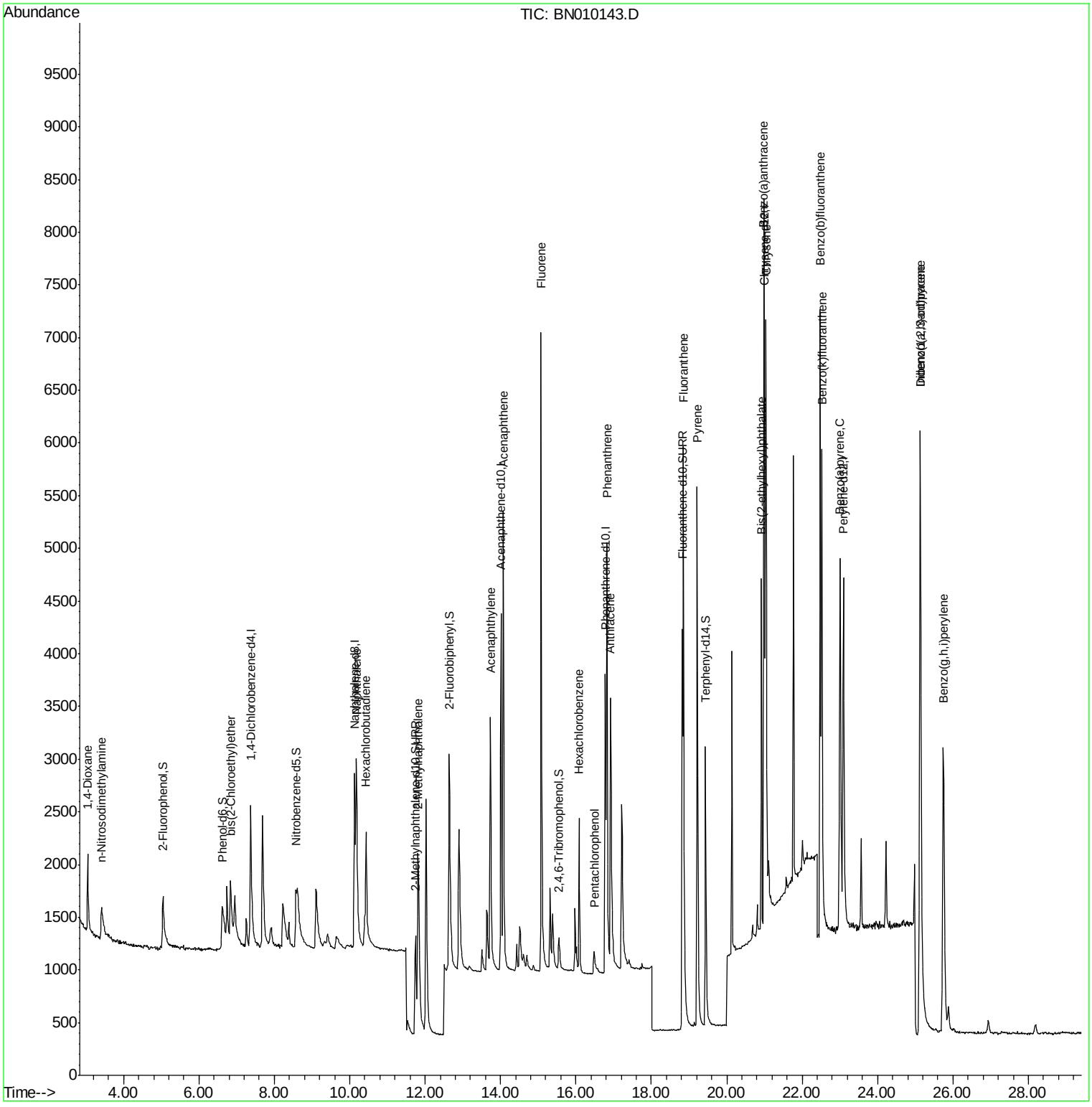
(#) = qualifier out of range (m) = manual integration (+) = signals summed

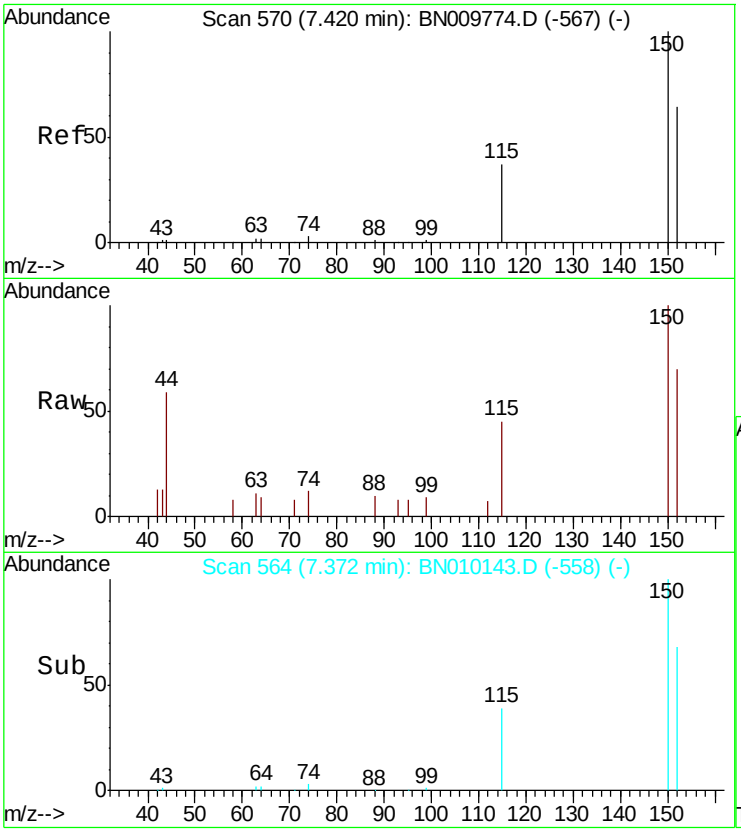
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010143.D
Acq On : 09 Mar 2020 11:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 09 16:57:06 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



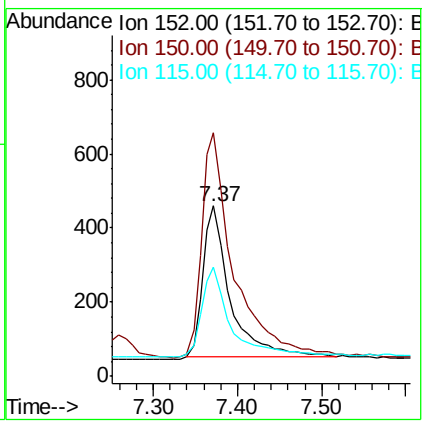


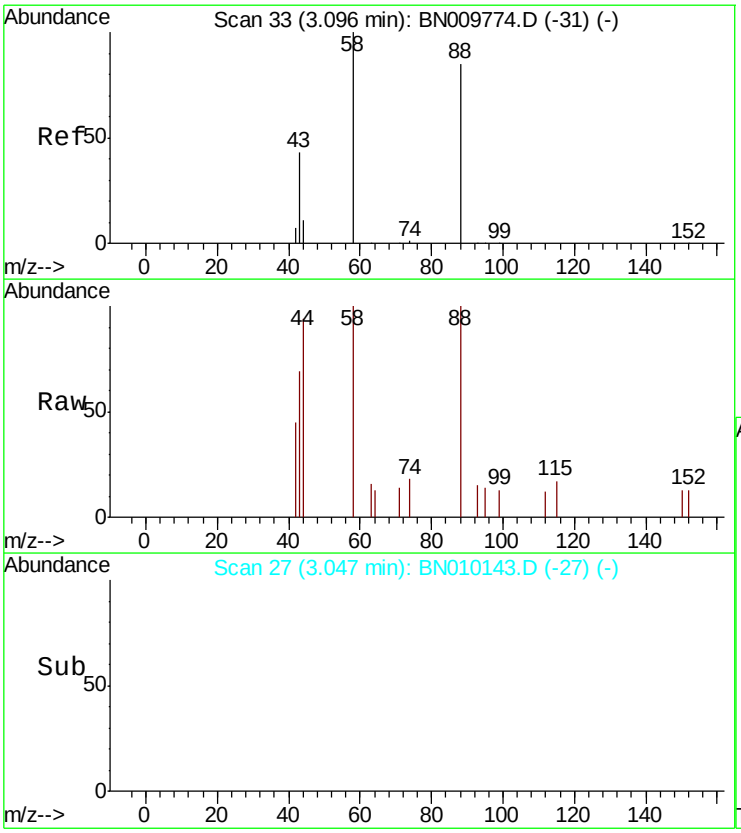
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 922

Ion	Ratio	Lower	Upper
152	100		
150	142.8	120.6	181.0
115	63.7	51.2	76.8

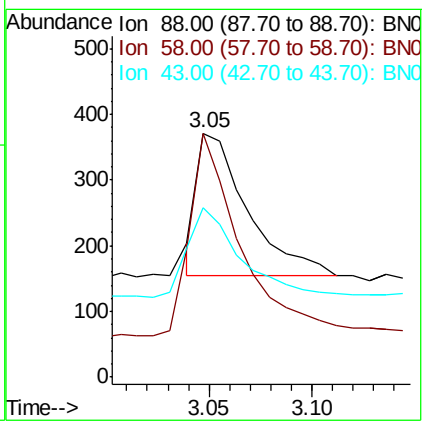


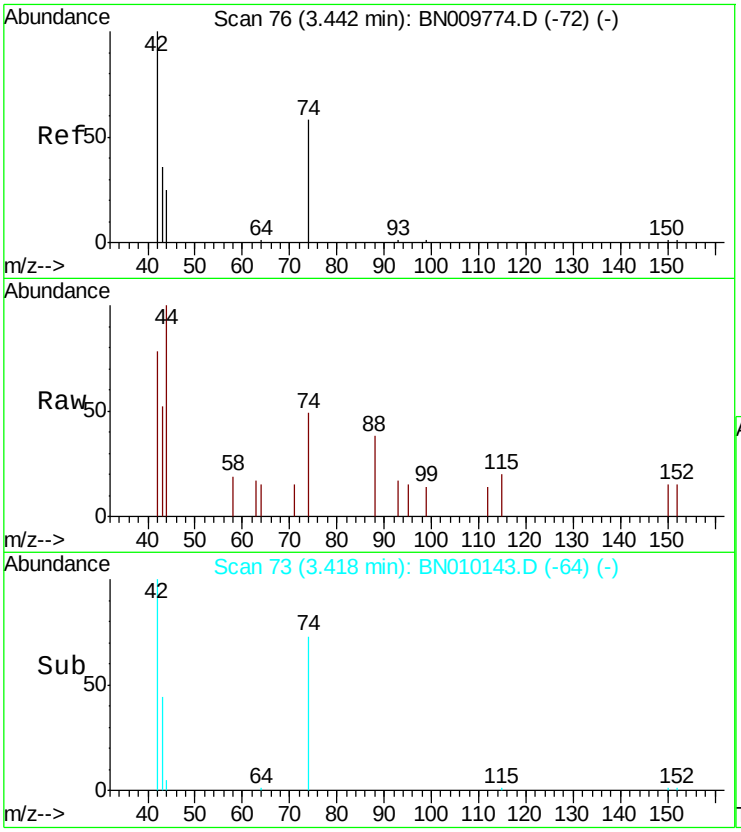


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.05 min Scan# 27
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion: 88 Resp: 368

Ion	Ratio	Lower	Upper
88	100		
58	106.8	97.8	146.8
43	48.4	45.1	67.7

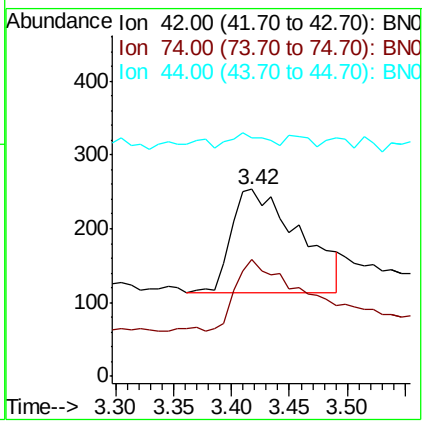




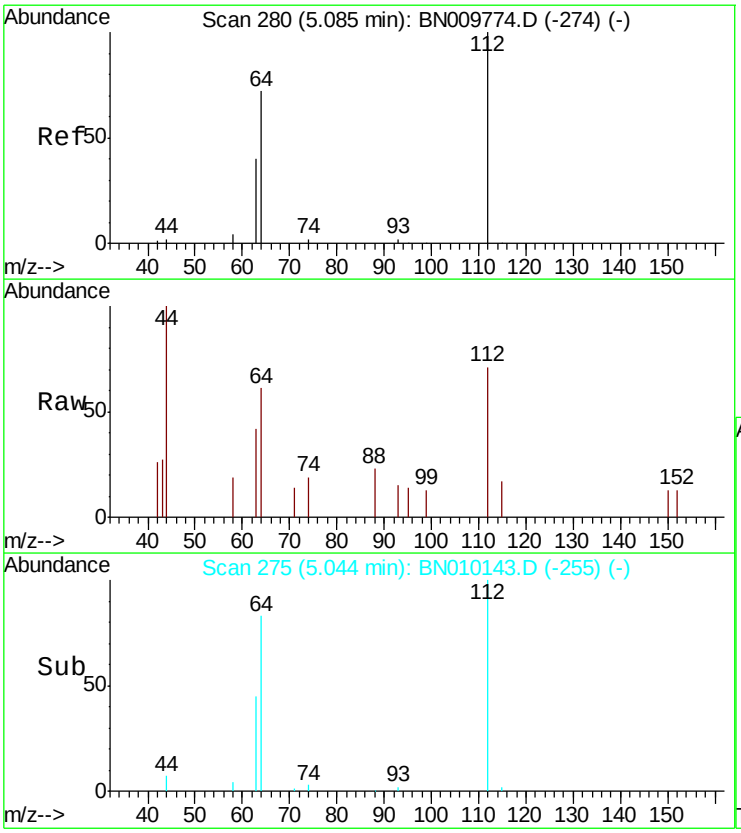
#3
n-Nitrosodimethylamine
Concen: 0.367 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.02 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion: 42 Resp: 569

Ion	Ratio	Lower	Upper
42	100		
74	66.3	51.2	76.8
44	6.7	2.6	4.0#



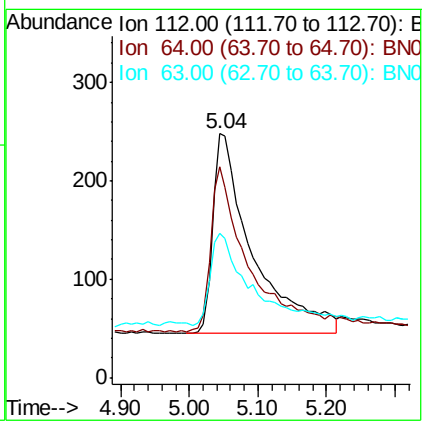
Instrument :
BNA_N
ClientSampleId :

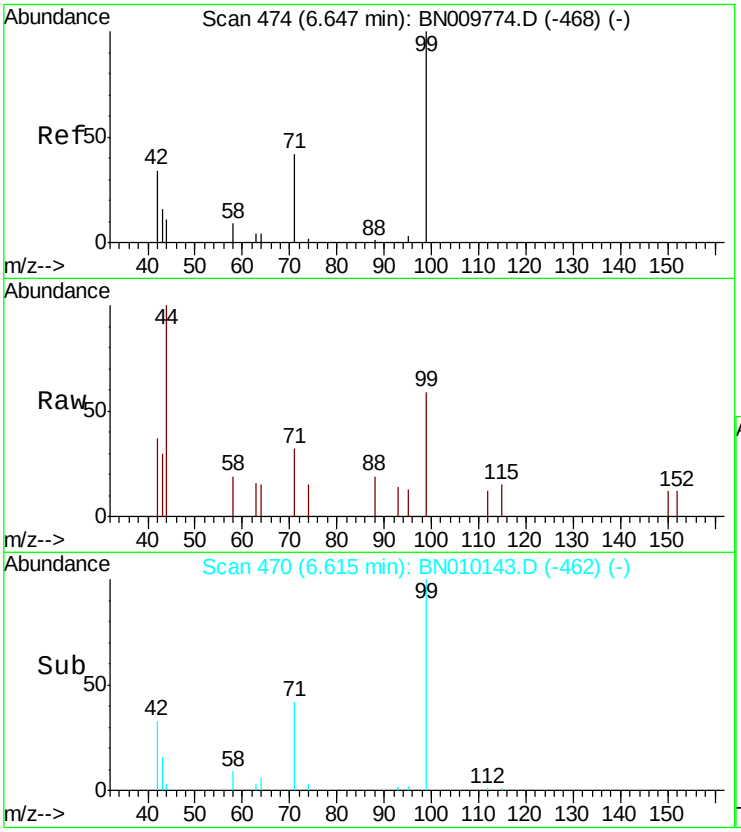


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.04 min Scan# 275
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:112 Resp: 818

Ion	Ratio	Lower	Upper
112	100		
64	78.2	65.8	98.6
63	49.1	38.7	58.1



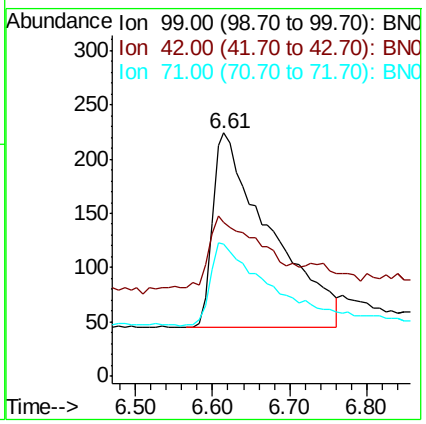


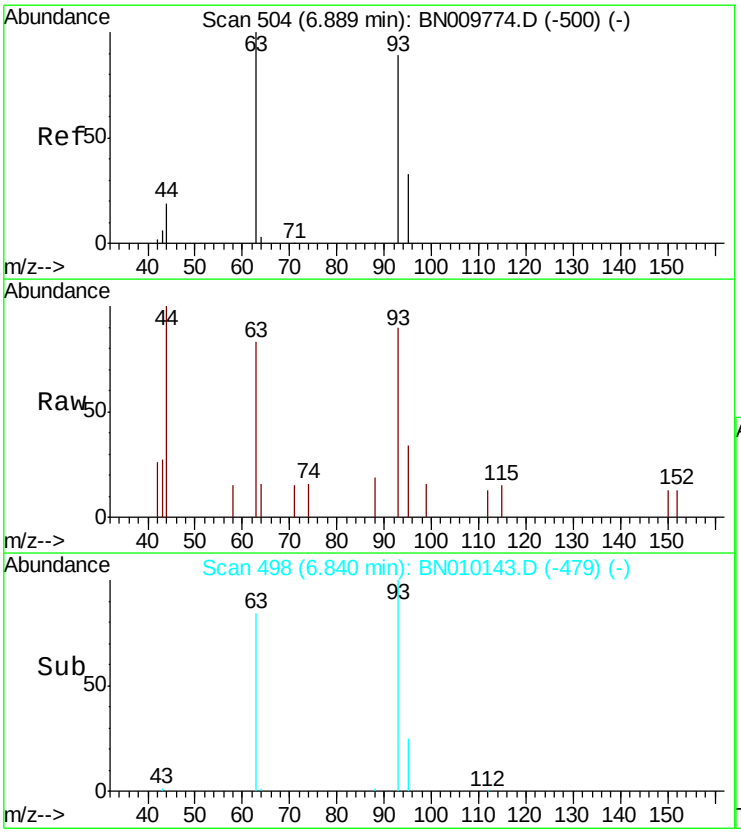
#5
Phenol-d6
Concen: 0.371 ng
RT: 6.61 min Scan# 470
Delta R.T. -0.03 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 926

Ion	Ratio	Lower	Upper
99	100		
42	34.3	30.8	46.2
71	44.8	34.9	52.3

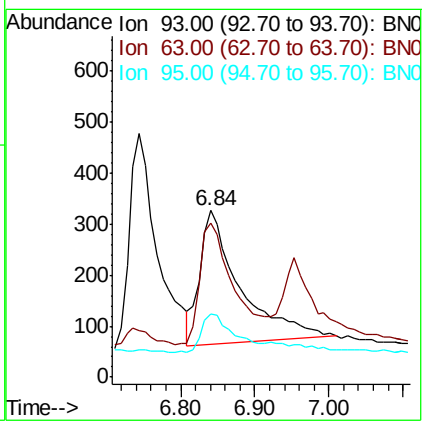


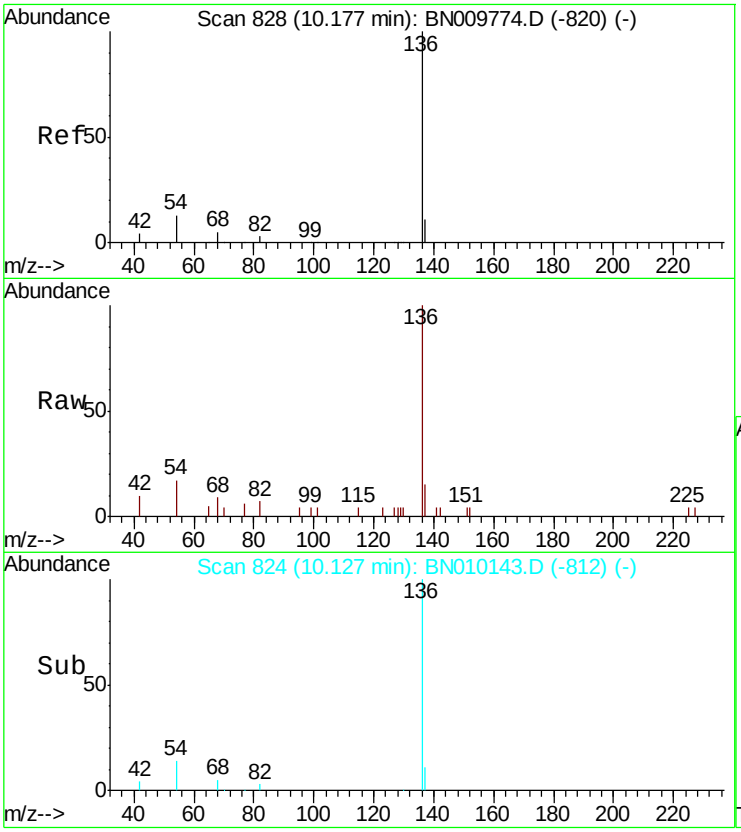


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion: 93 Resp: 987

Ion	Ratio	Lower	Upper
93	100		
63	81.0	74.0	111.0
95	24.0	26.7	40.1#



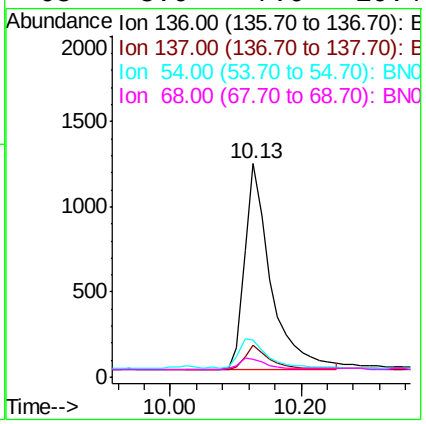


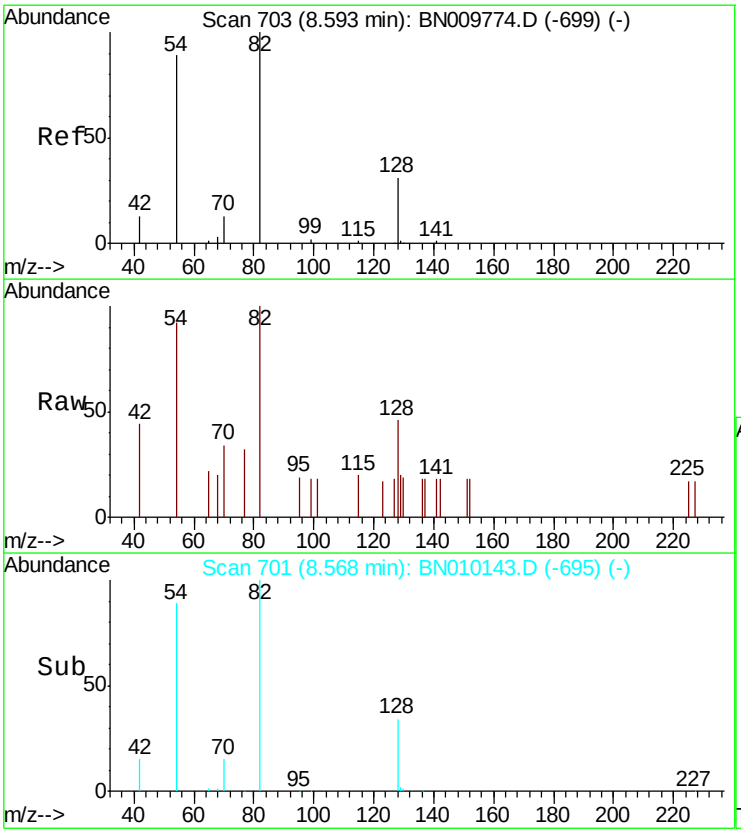
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 824
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3355

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.3	16.9
54	17.2	13.4	20.2
68	8.6	7.0	10.4

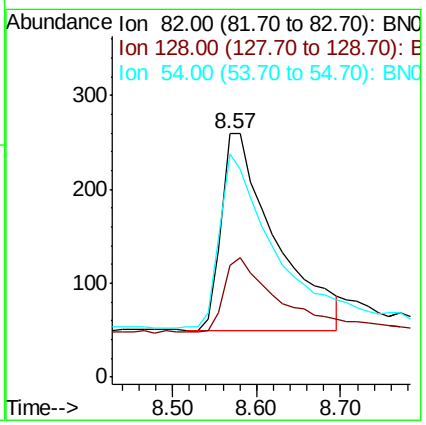


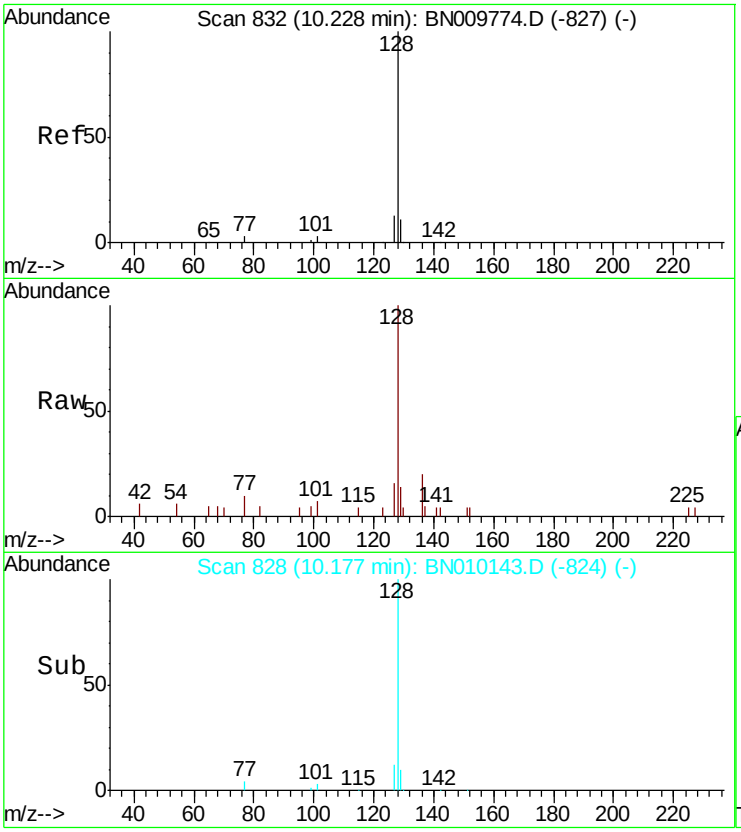


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.57 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion: 82 Resp: 936

Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.5	48.7
54	91.5	73.5	110.3



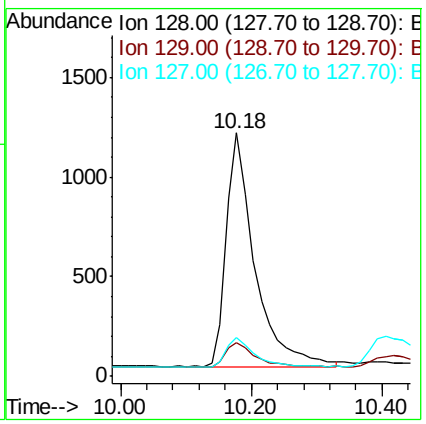


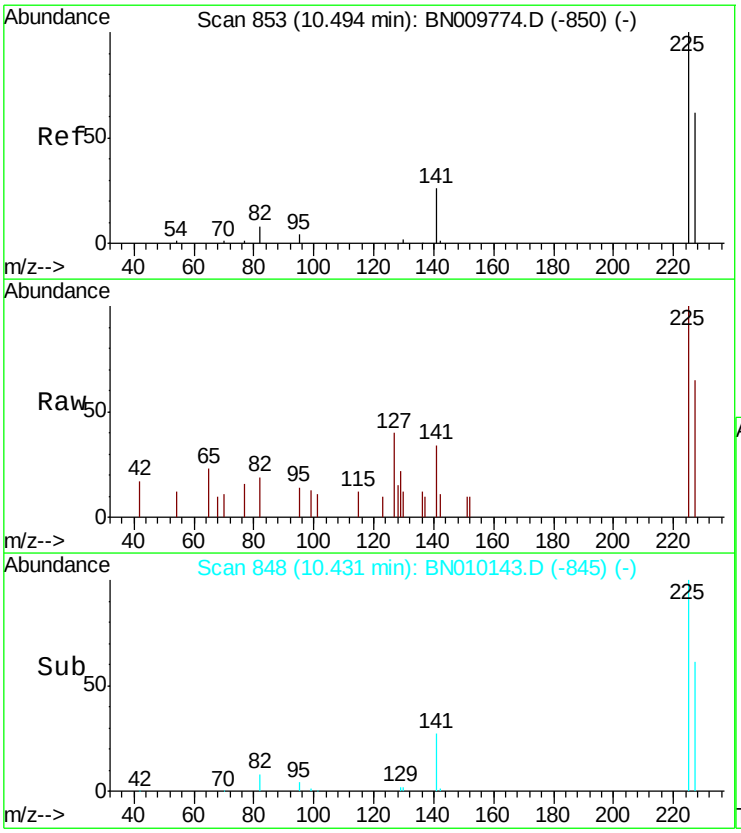
#9
Naphthalene
Concen: 0.388 ng
RT: 10.18 min Scan# 828
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3553

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.1	16.7
127	15.7	12.6	19.0

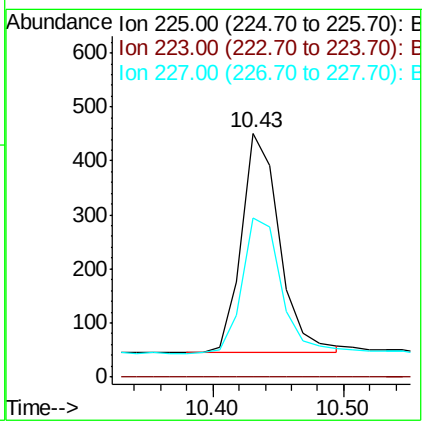


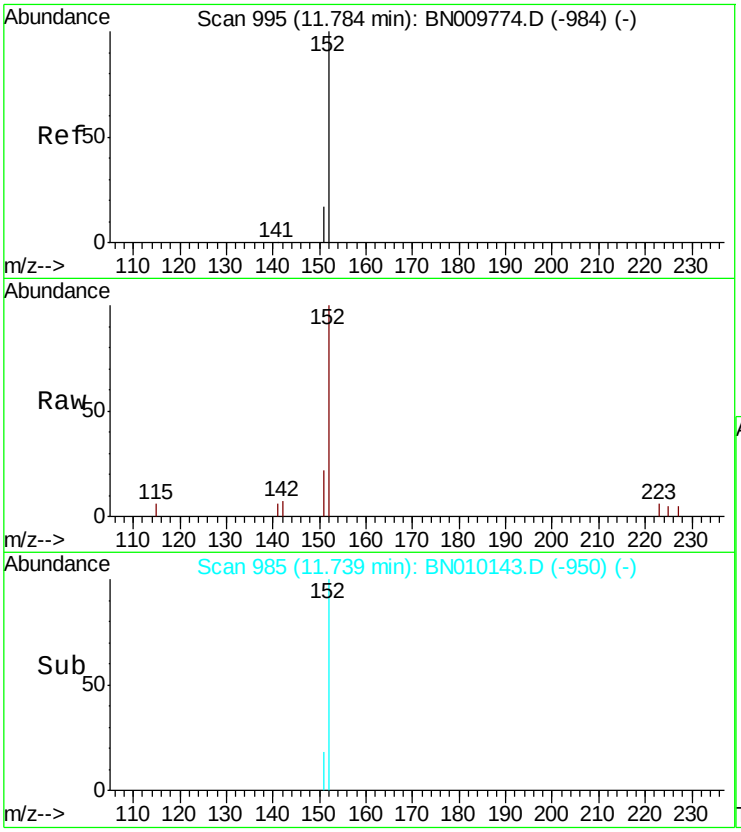


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:225 Resp: 810

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	53.4	80.2



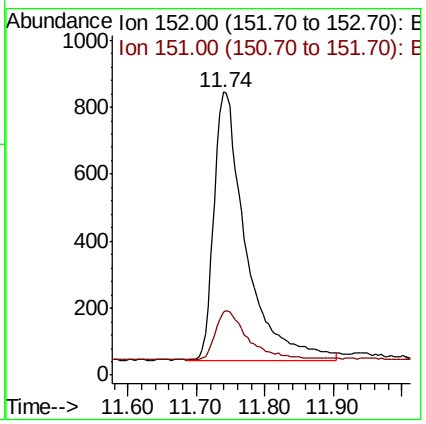


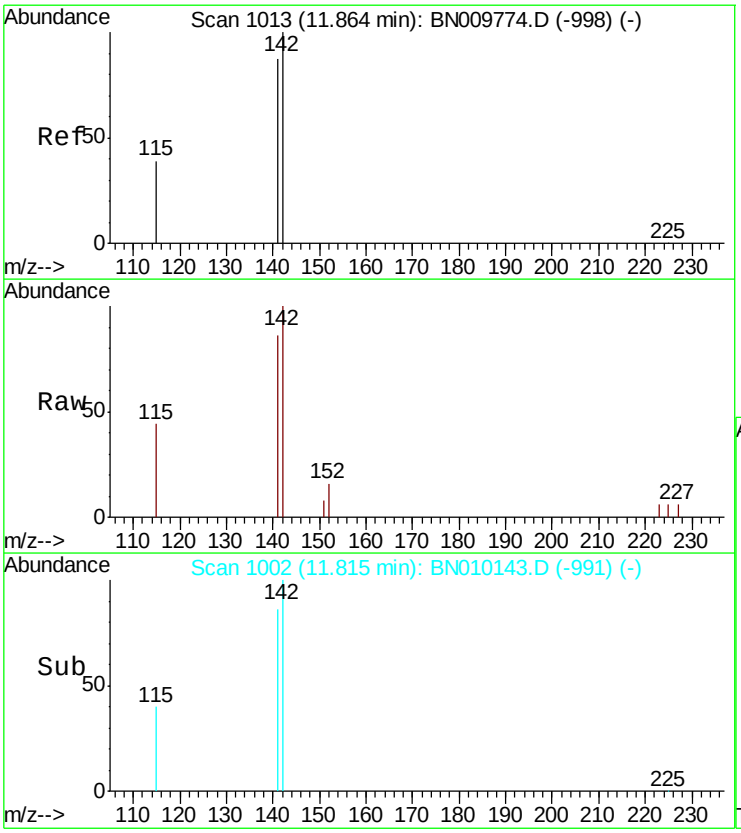
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.74 min Scan# 985
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2600

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

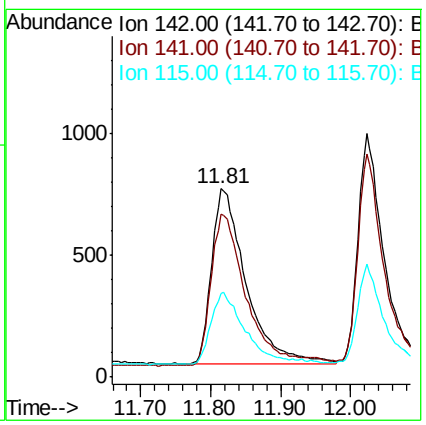


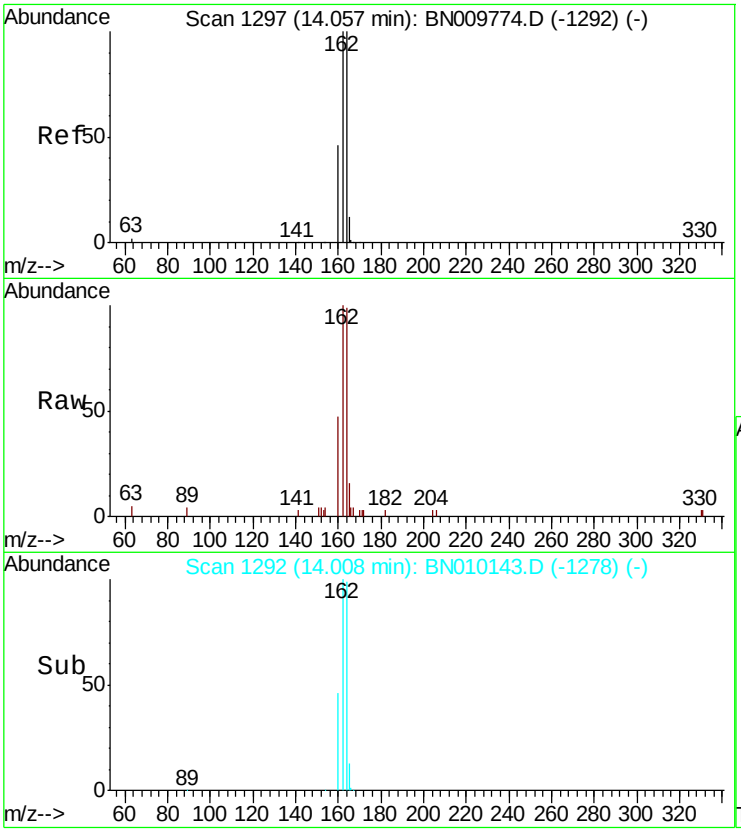


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 11.81 min Scan# 1002
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:142 Resp: 2482

Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.8	104.6
115	44.1	34.6	52.0



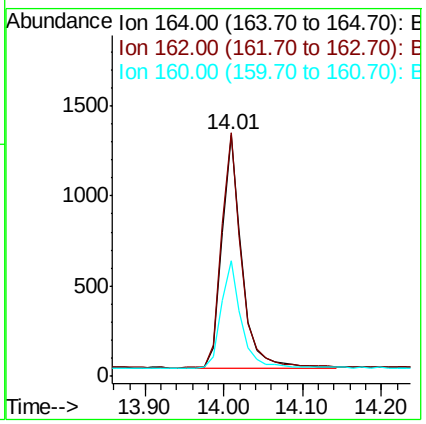


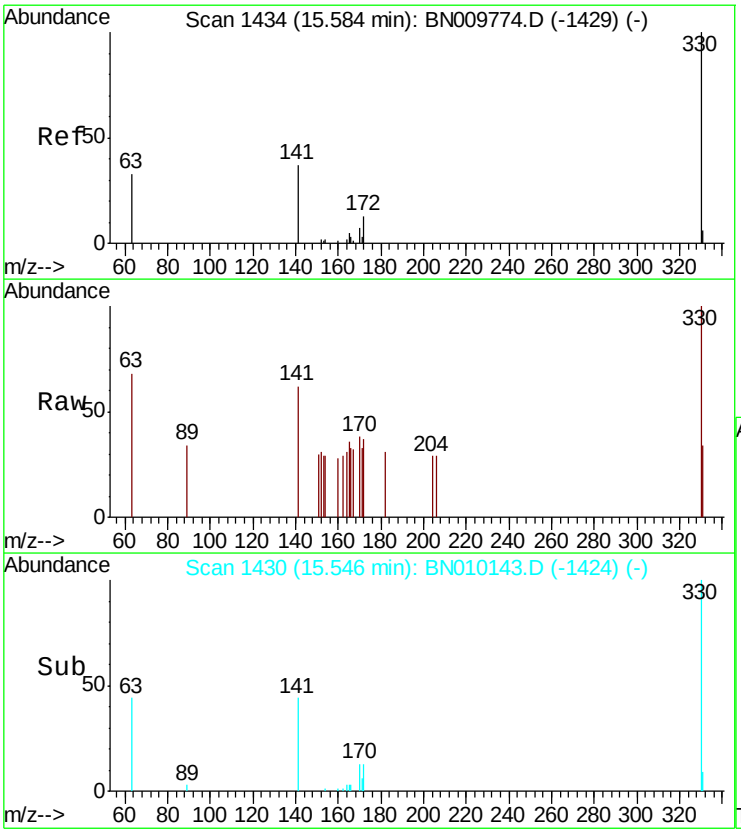
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2300

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.9	119.9
160	47.7	38.2	57.2

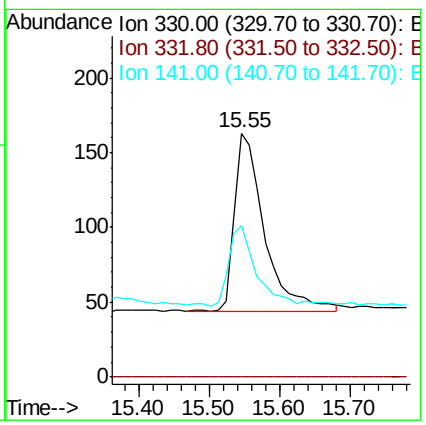


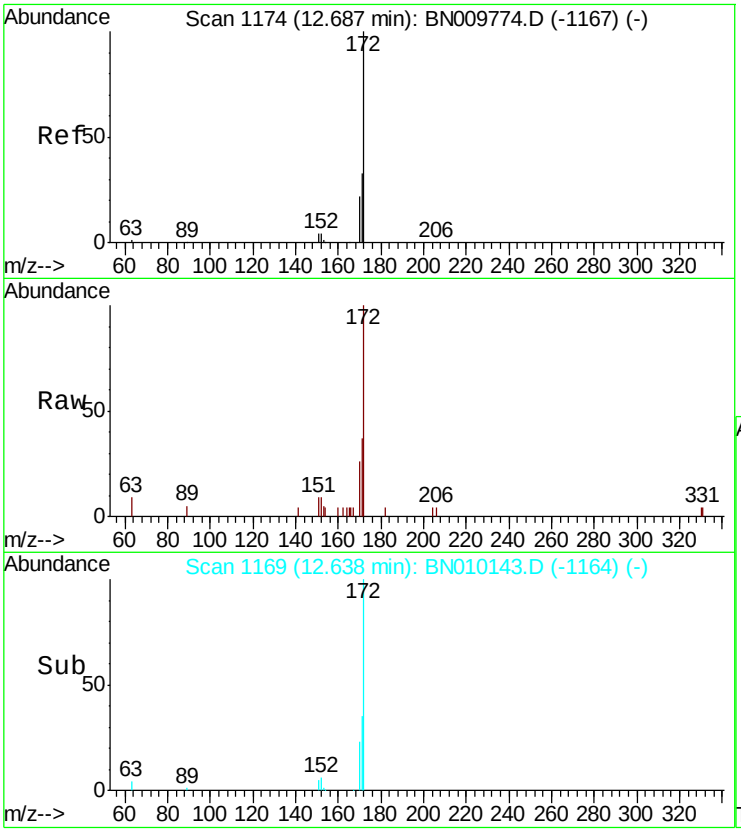


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:330 Resp: 354

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.5	36.8	55.2



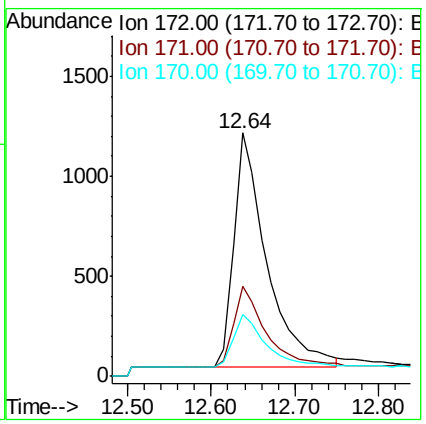


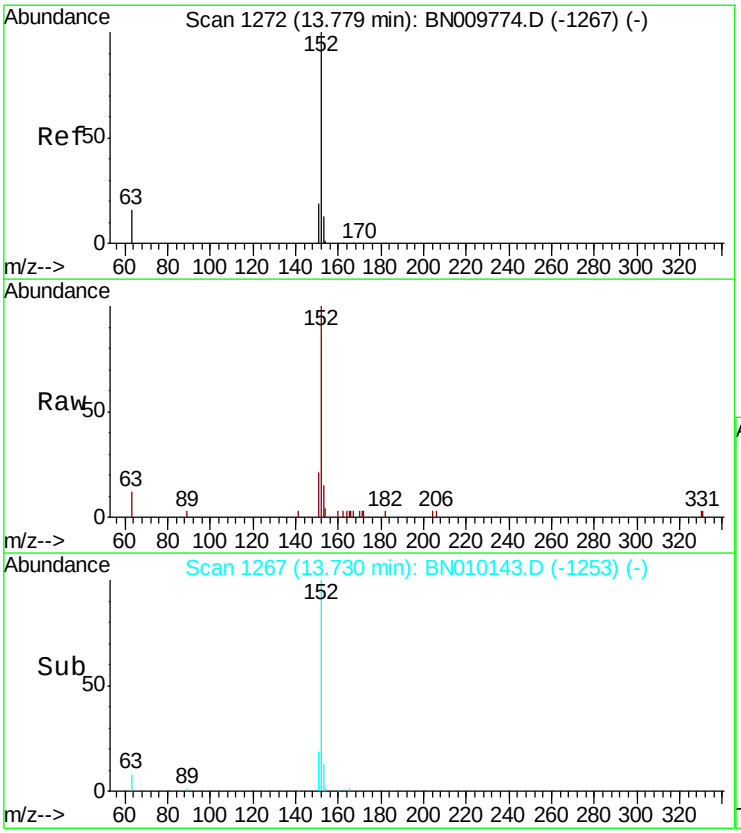
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.64 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3196

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.7	43.1
170	25.6	20.1	30.1

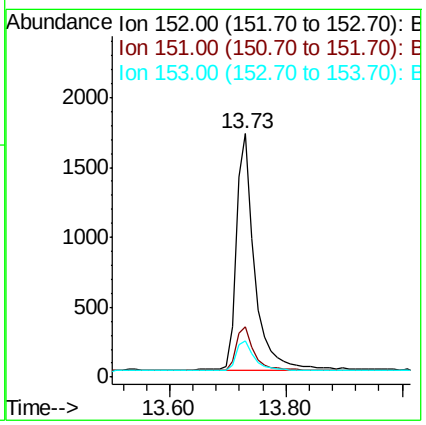


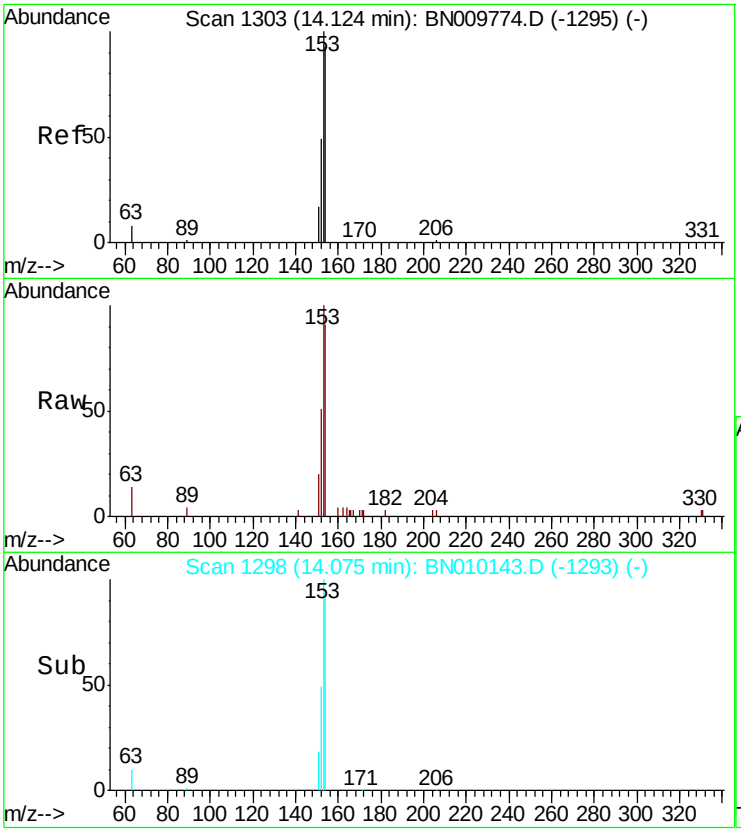


#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.73 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:152 Resp: 3744

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.8	23.6
153	13.0	10.2	15.4



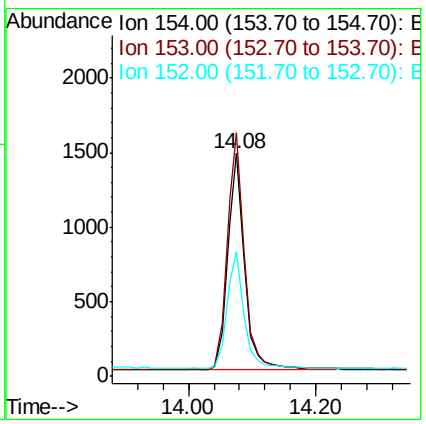


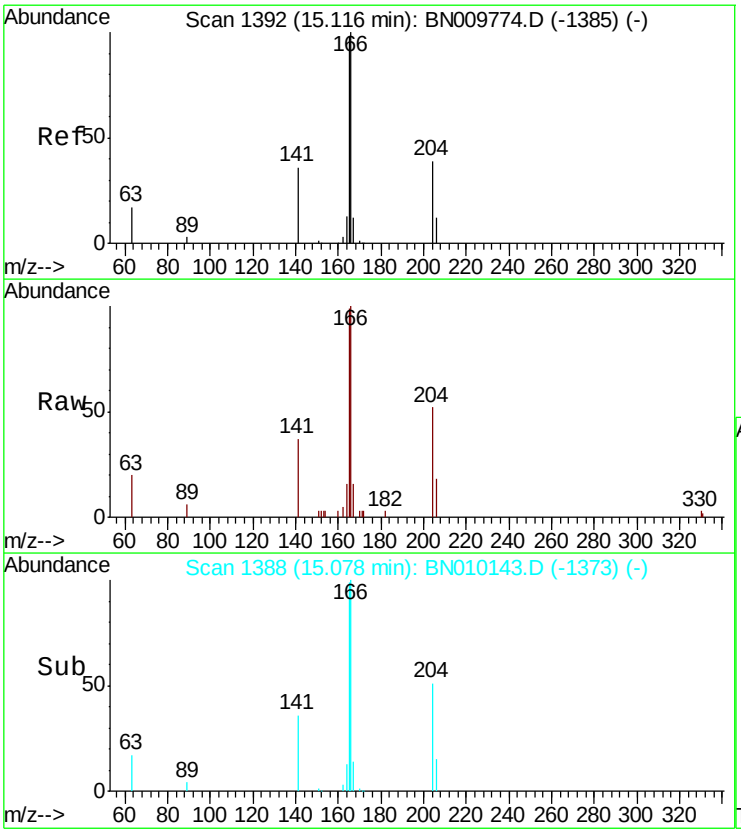
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.08 min Scan# 1298
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2615

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	55.2	44.2	66.2

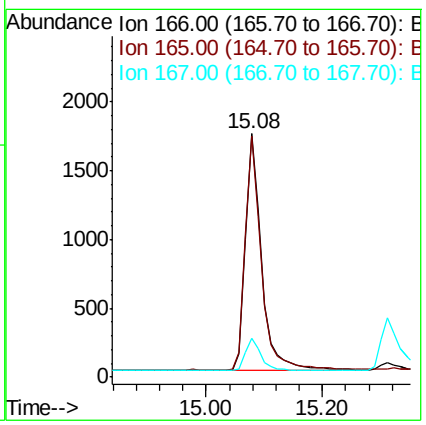


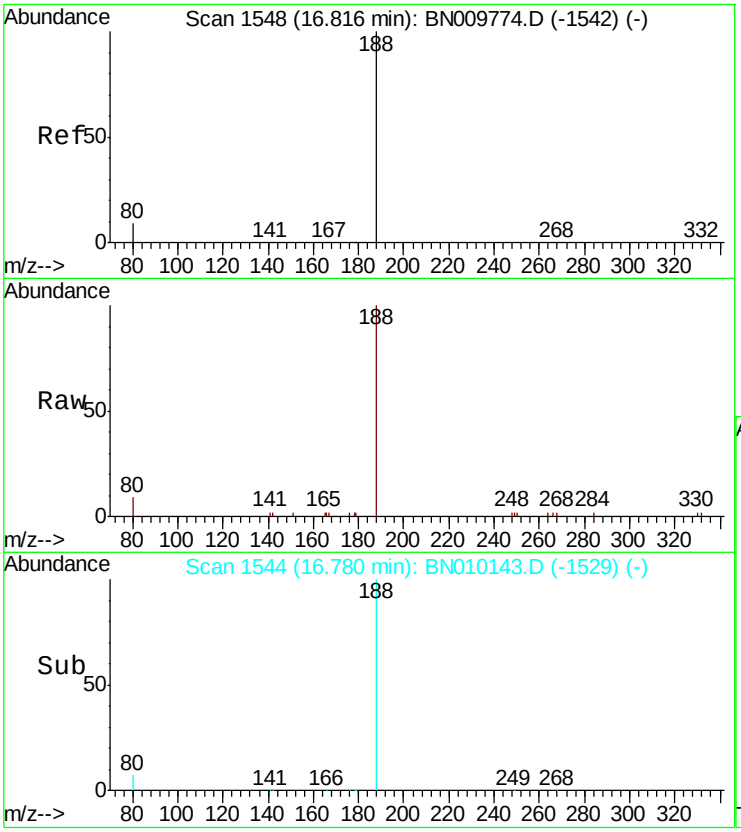


#18
Fluorene
Concen: 0.372 ng
RT: 15.08 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:166 Resp: 3380

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.2	115.8
167	14.0	10.5	15.7



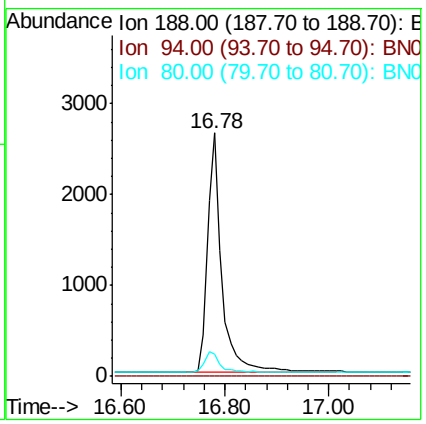


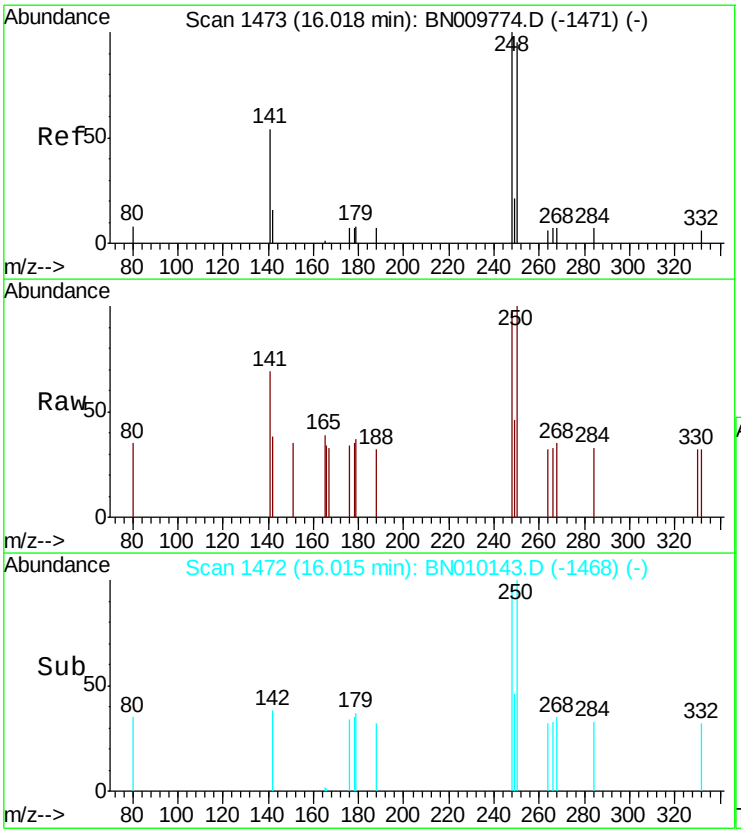
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5117

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	8.3	12.5

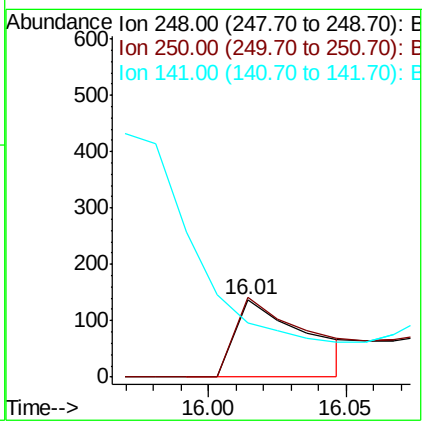


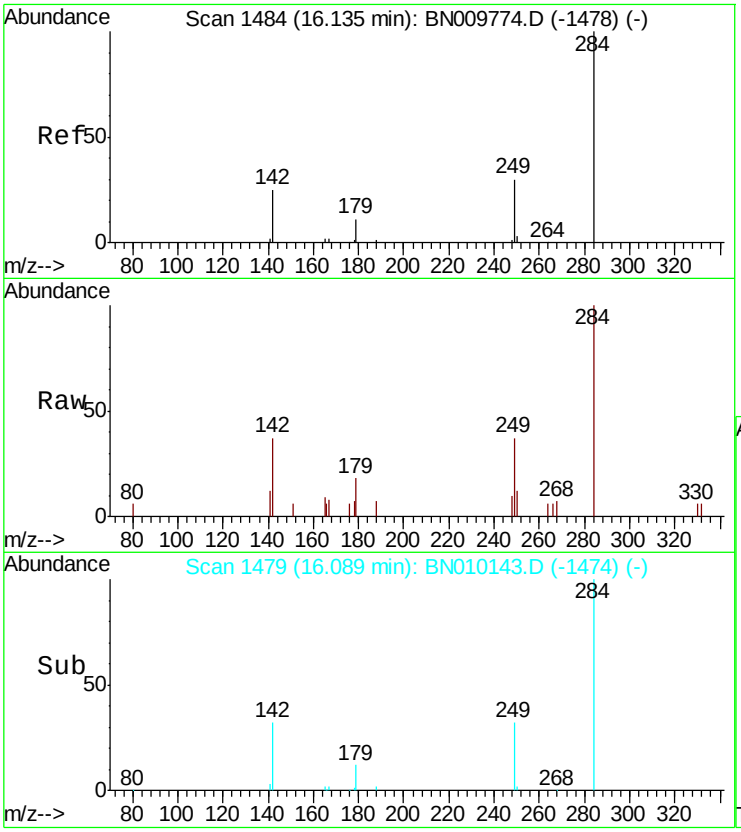


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:248 Resp: 250

Ion	Ratio	Lower	Upper
248	100		
250	102.9	76.2	114.4
141	70.8	57.8	86.6



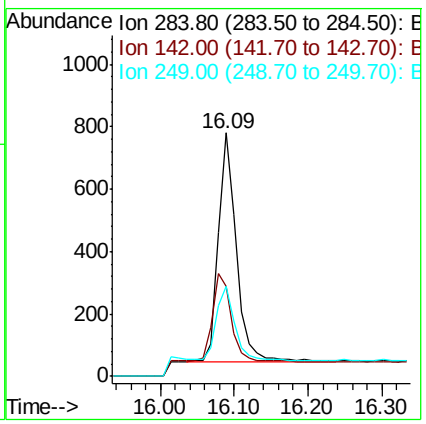


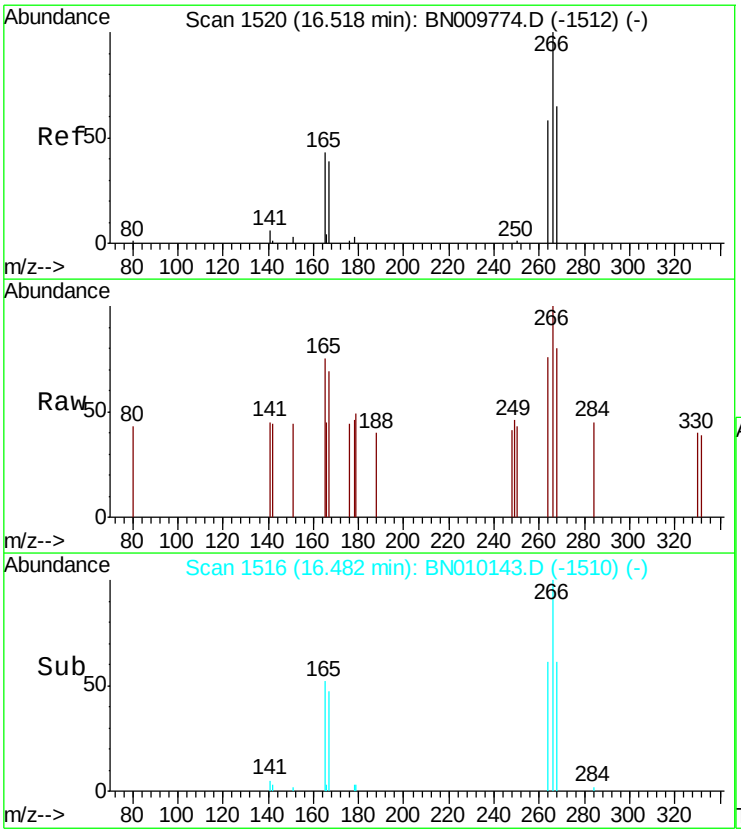
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.09 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1260

Ion	Ratio	Lower	Upper
284	100		
142	40.6	33.3	49.9
249	33.3	25.7	38.5

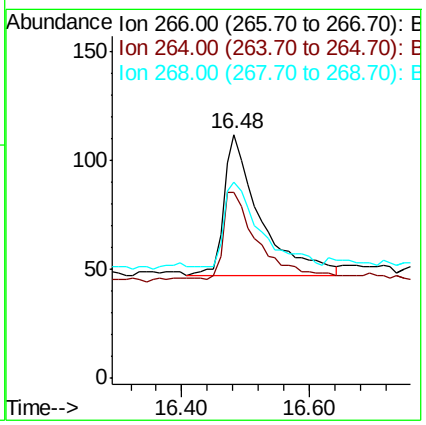


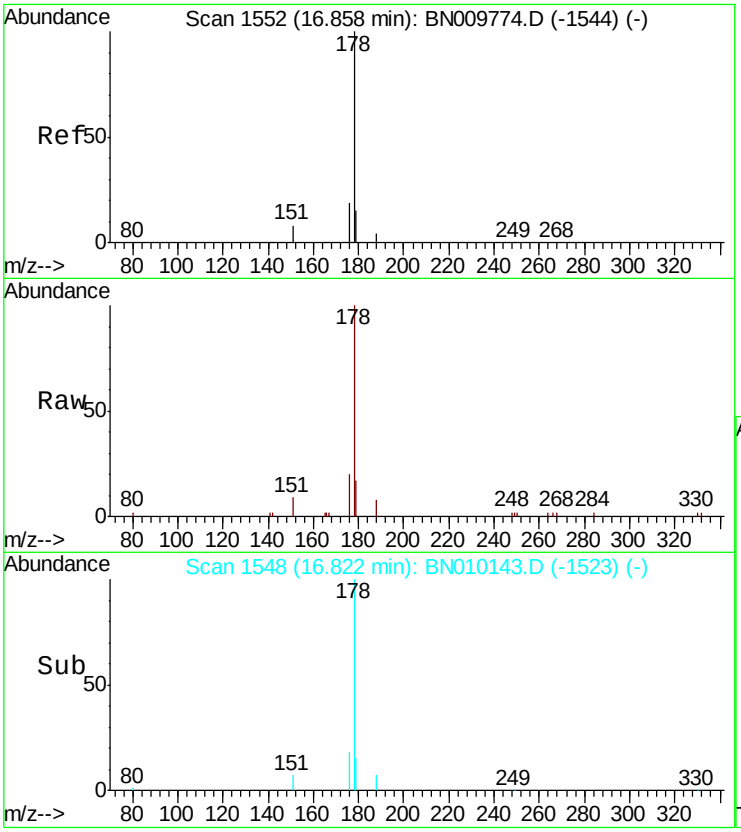


#22
Pentachlorophenol
Concen: 0.417 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:266 Resp: 254

Ion	Ratio	Lower	Upper
266	100		
264	75.9	58.1	87.1
268	80.4	65.7	98.5



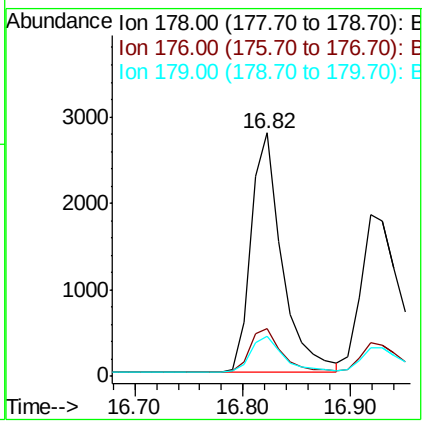


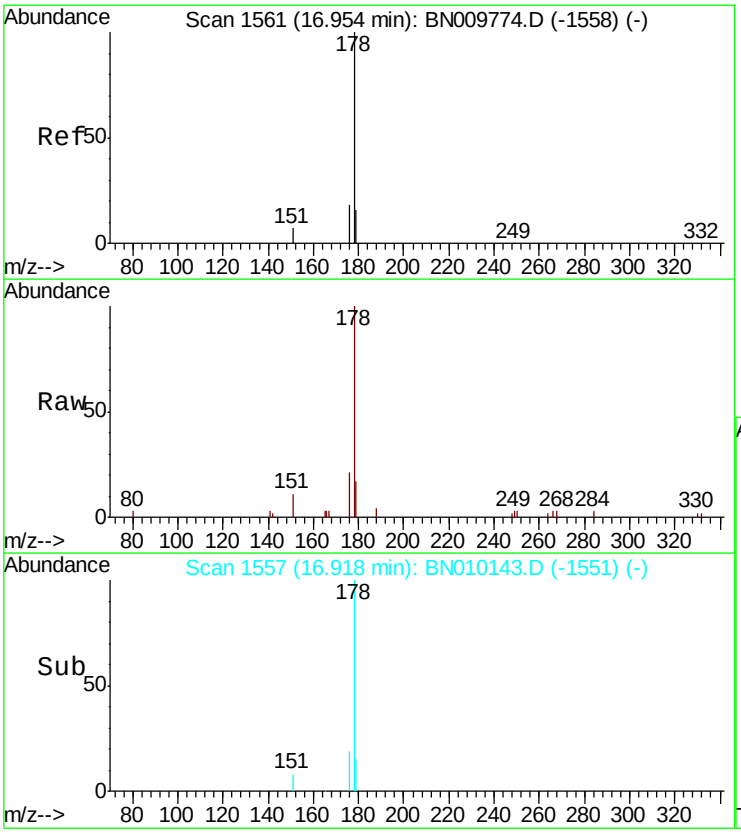
#23
Phenanthrene
Concen: 0.361 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 5495

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.4	18.6

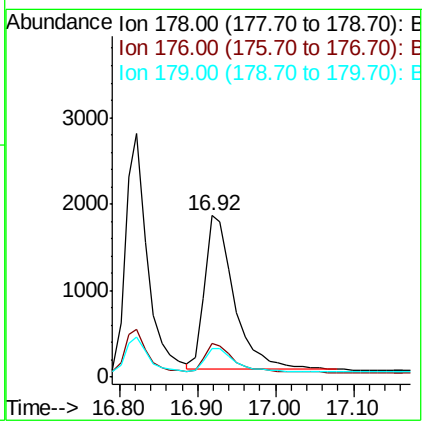


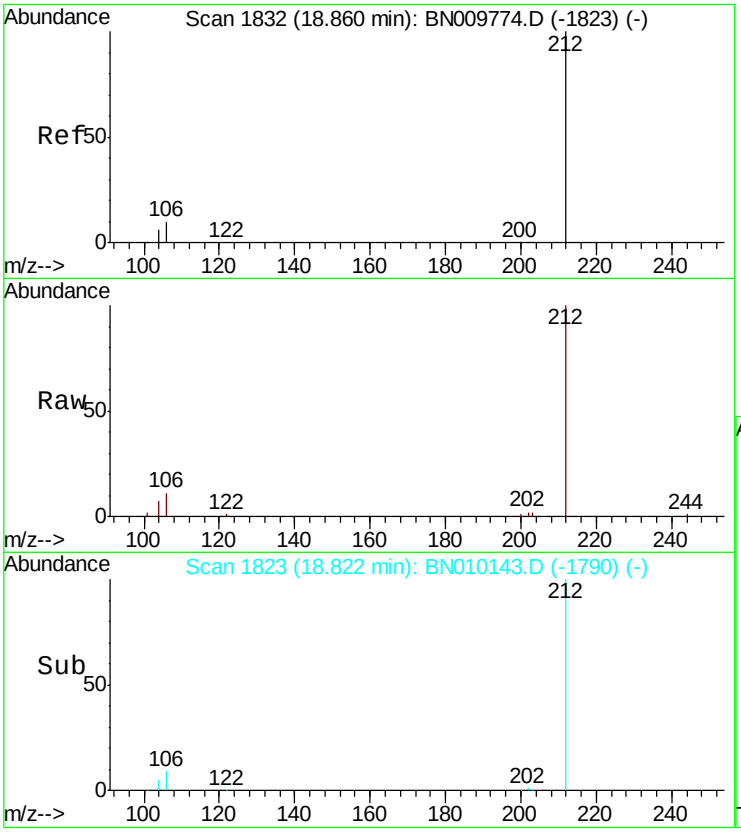


#24
Anthracene
Concen: 0.359 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:178 Resp: 4620

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.3	21.5
179	15.4	12.4	18.6



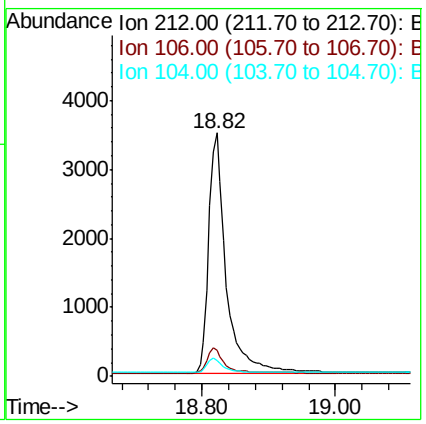


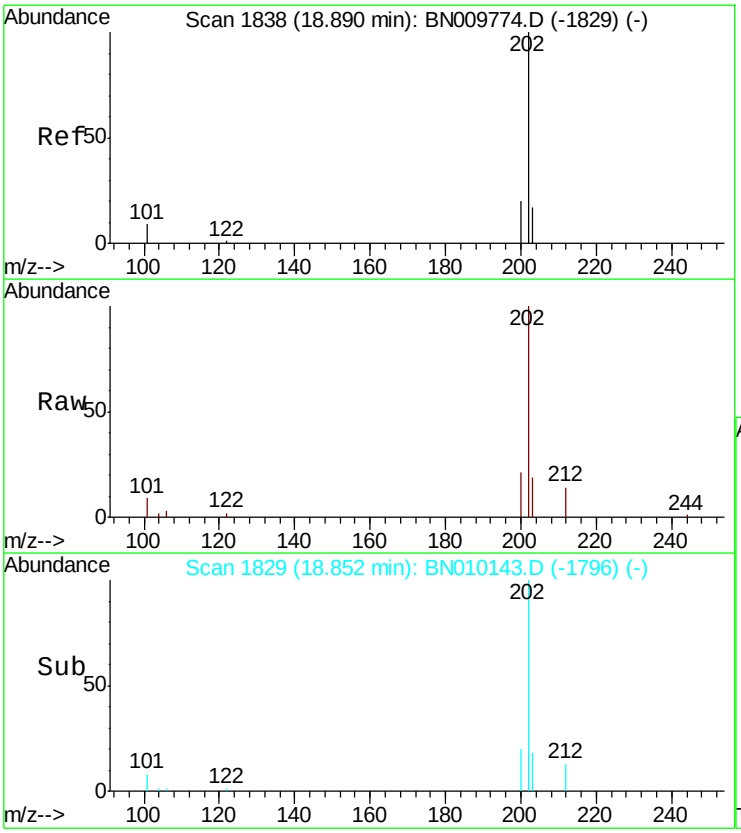
#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 18.82 min Scan# 1823
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6393

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	6.0	4.8	7.2

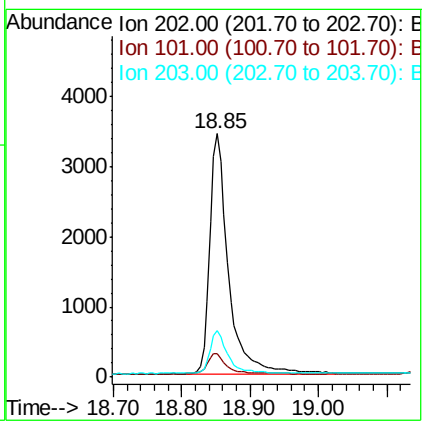


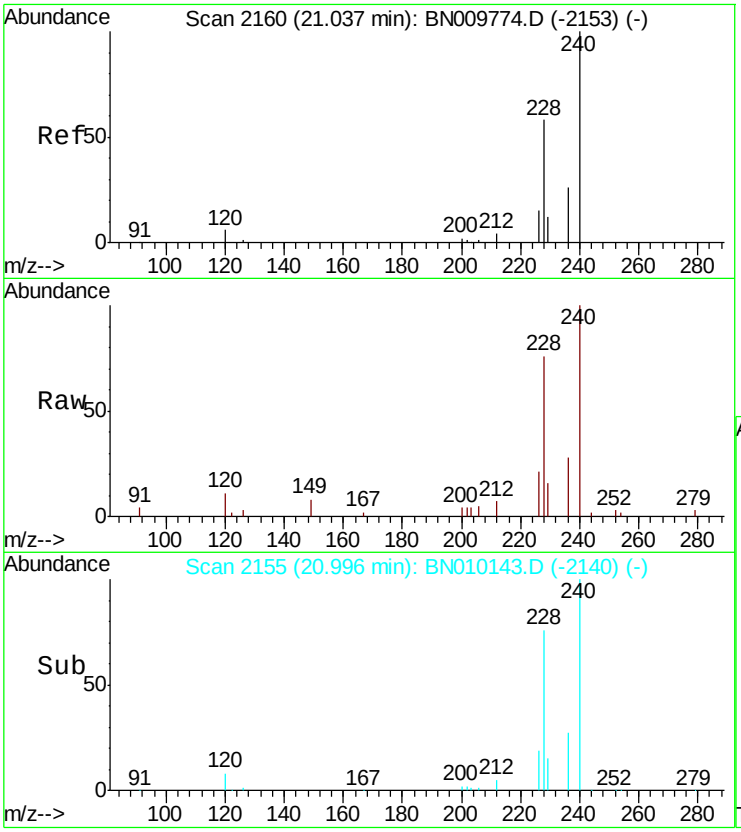


#26
Fluoranthene
Concen: 0.359 ng
RT: 18.85 min Scan# 1829
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:202 Resp: 6553

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.1	10.7
203	16.9	13.8	20.6



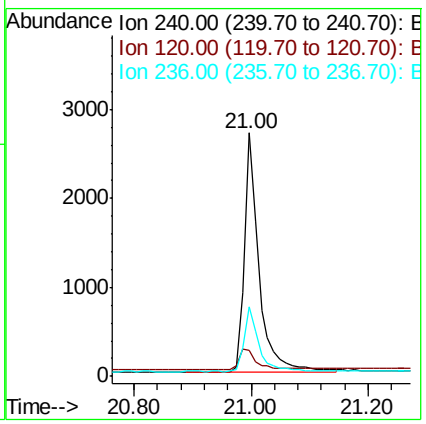


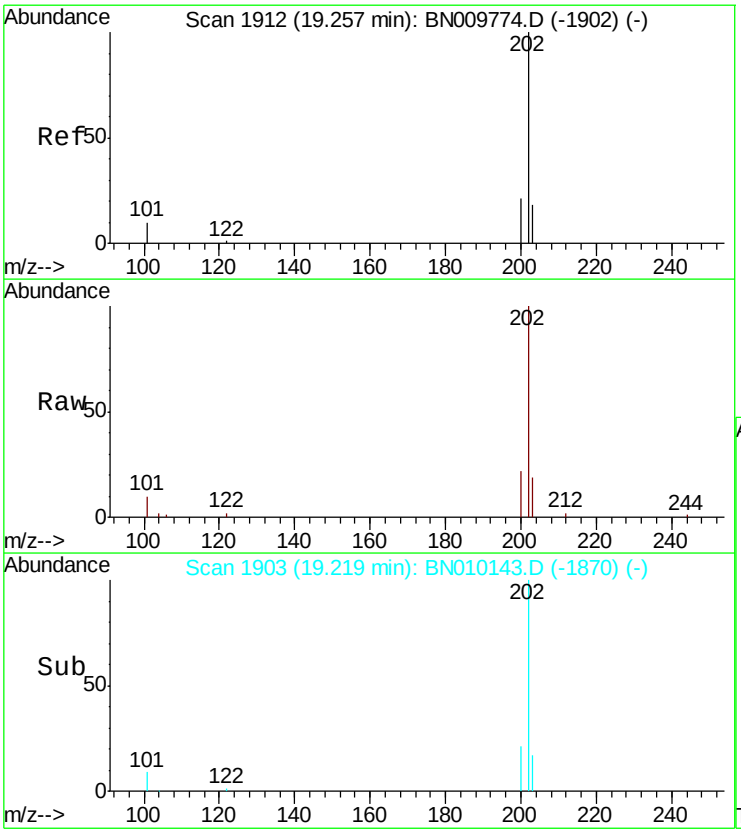
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4618

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.9	11.9
236	28.3	22.0	33.0

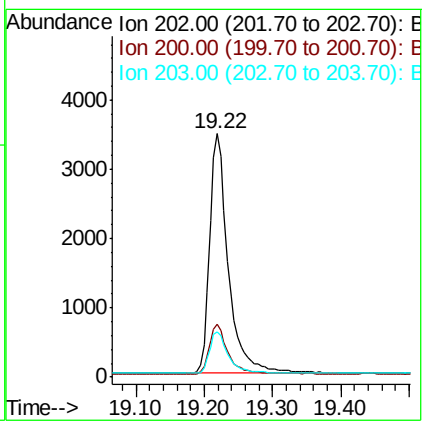


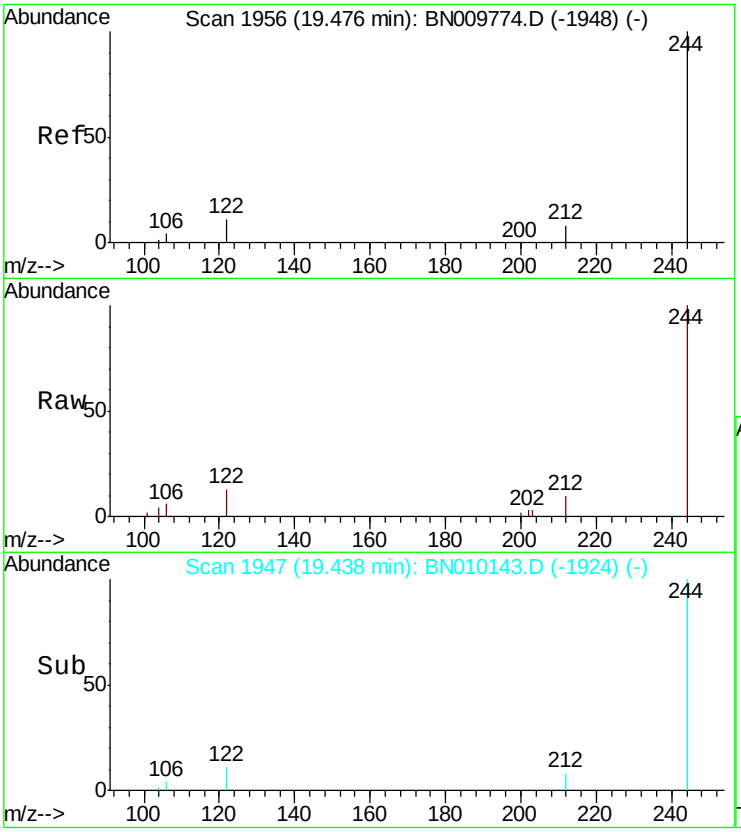


#28
Pyrene
Concen: 0.378 ng
RT: 19.22 min Scan# 1903
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:202 Resp: 6629

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.6	13.9	20.9



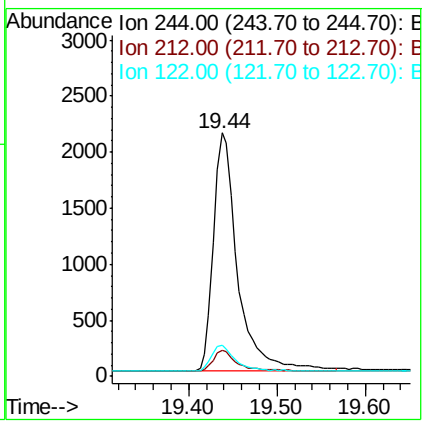


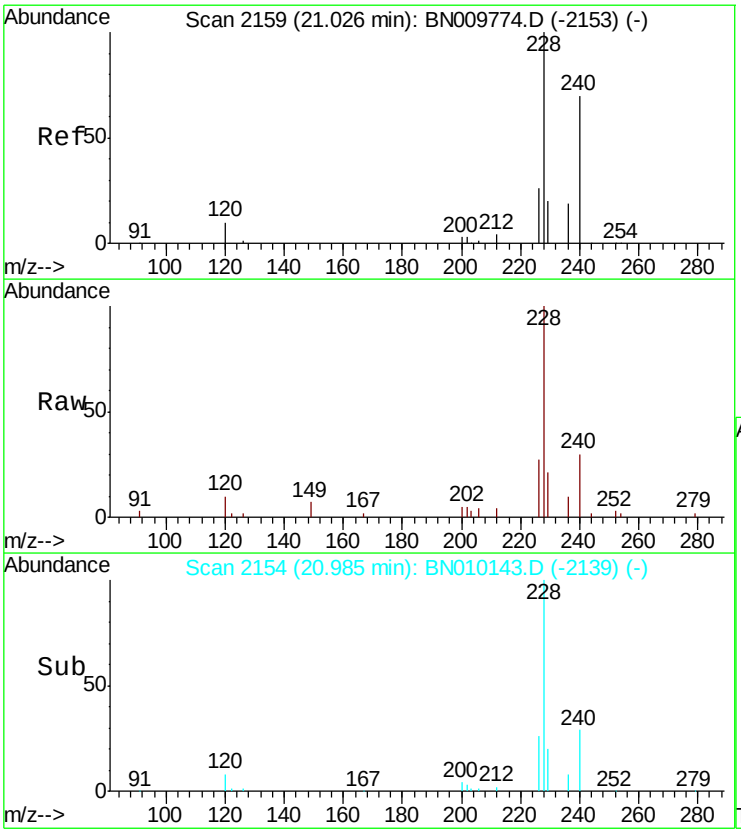
#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.44 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4062

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.0	12.0
122	12.7	10.0	15.0

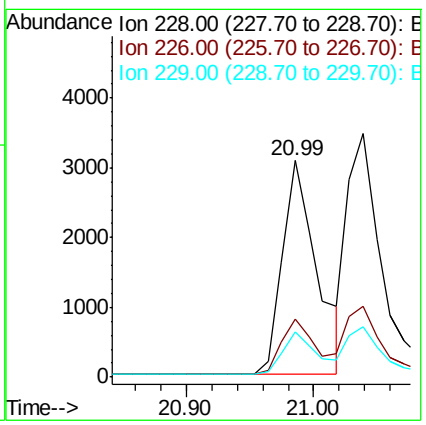


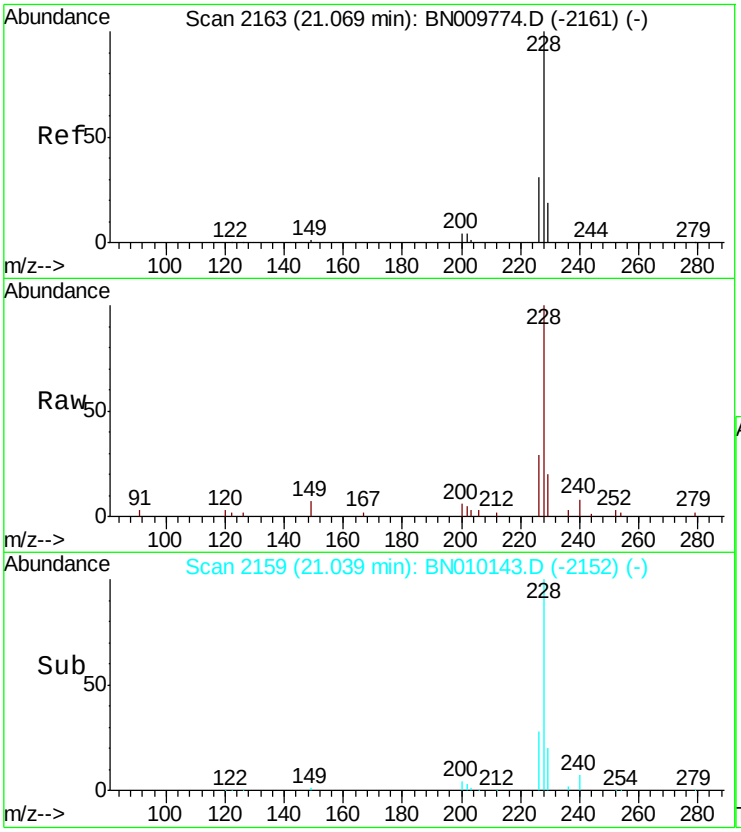


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 20.99 min Scan# 2154
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:228 Resp: 5663

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	21.2	17.1	25.7



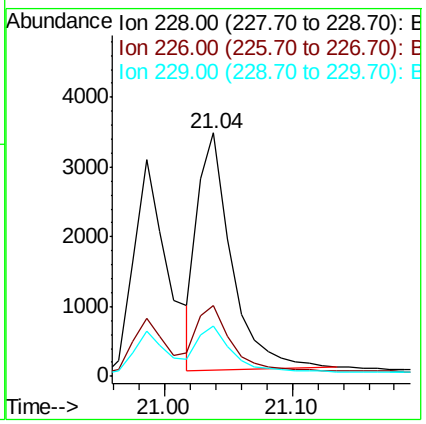


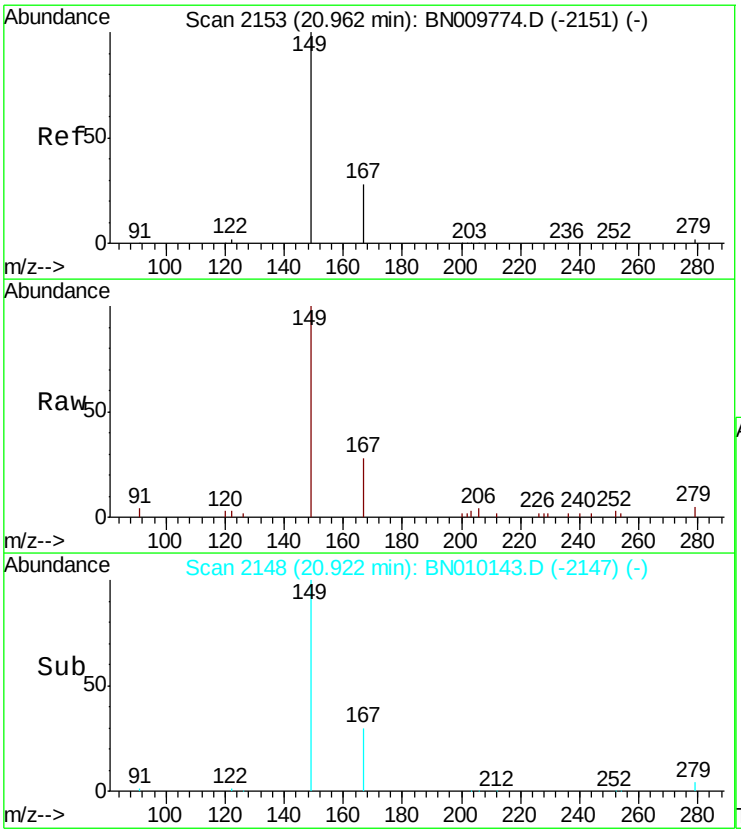
#31
Chrysene
Concen: 0.352 ng
RT: 21.04 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6248

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.8	37.2
229	20.5	16.4	24.6

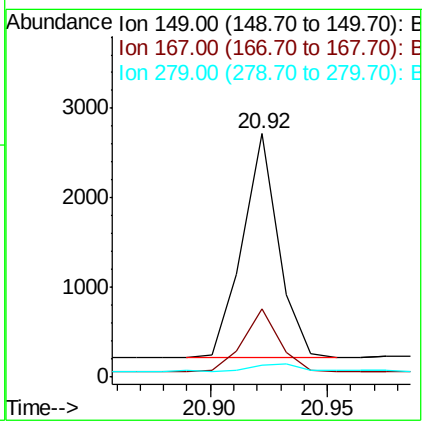


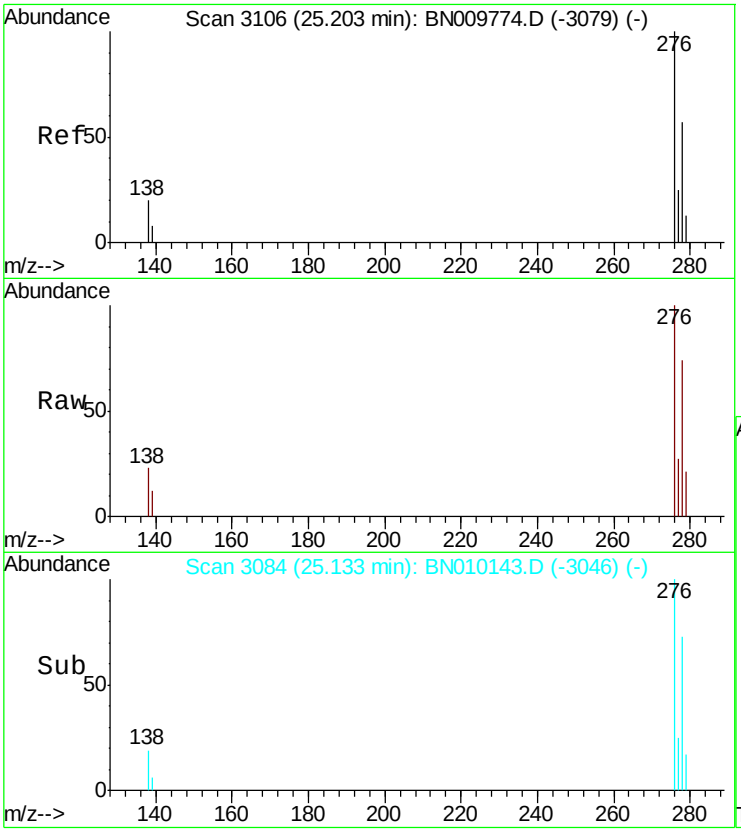


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 20.92 min Scan# 2148
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:149 Resp: 2675

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	4.1	3.1	4.7



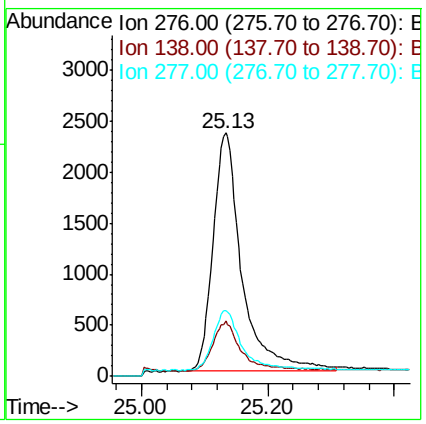


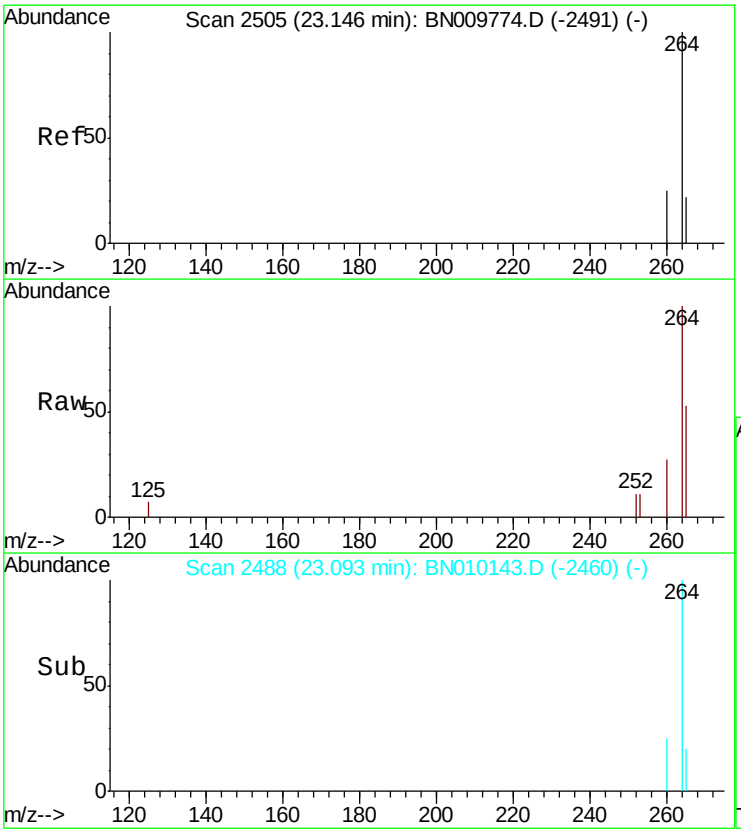
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 25.13 min Scan# 3084
Delta R.T. -0.07 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7442

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

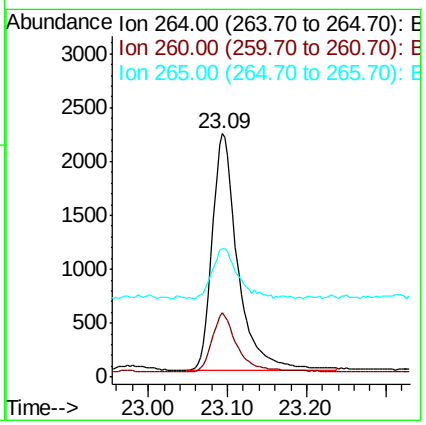


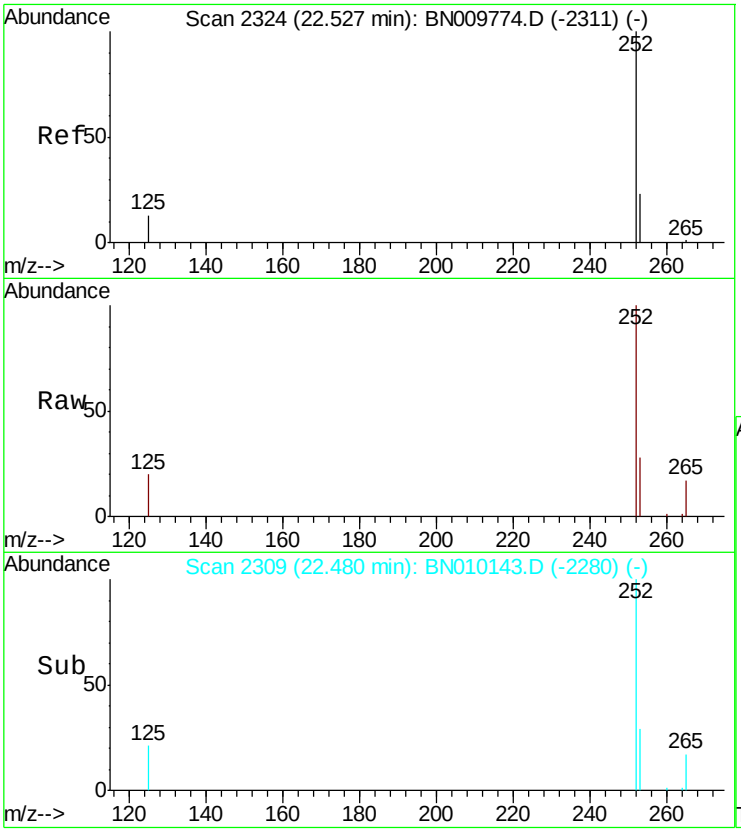


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:264 Resp: 4972

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	52.9	57.5	86.3#



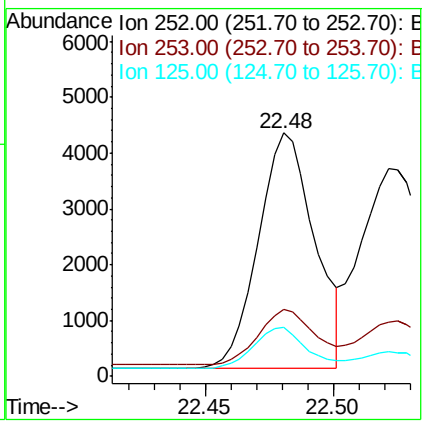


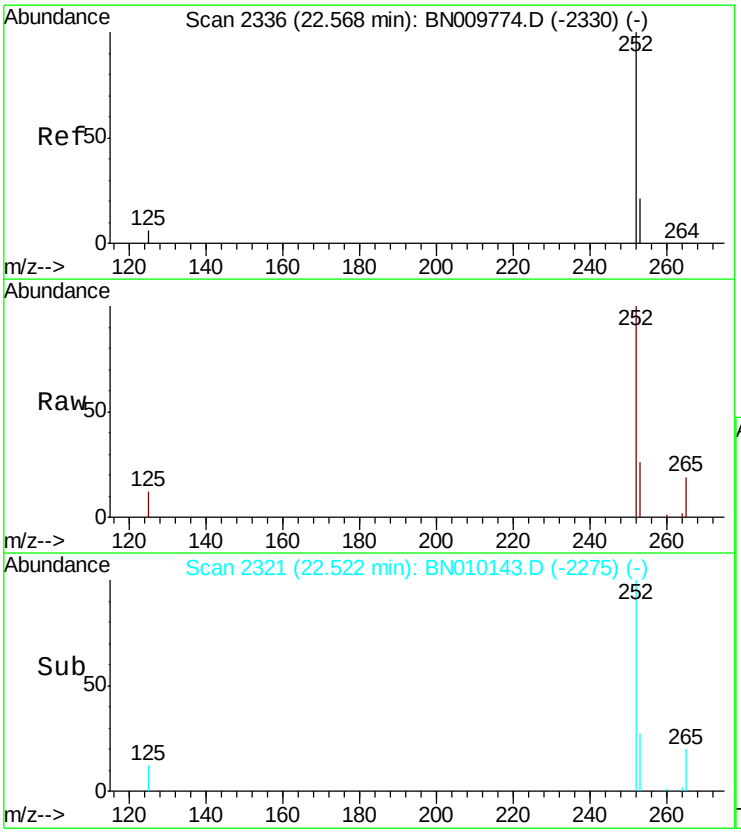
#35
Benzo(b)fluoranthene
Concen: 0.354 ng
RT: 22.48 min Scan# 2309
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6432

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.0	34.6
125	19.9	14.4	21.6

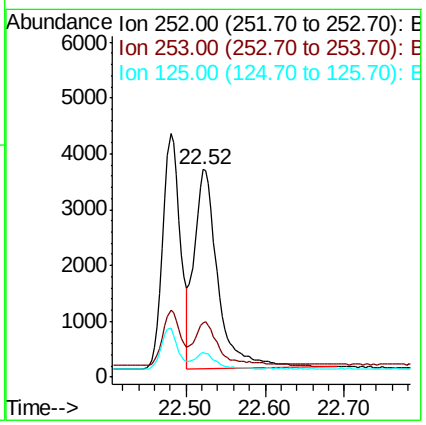


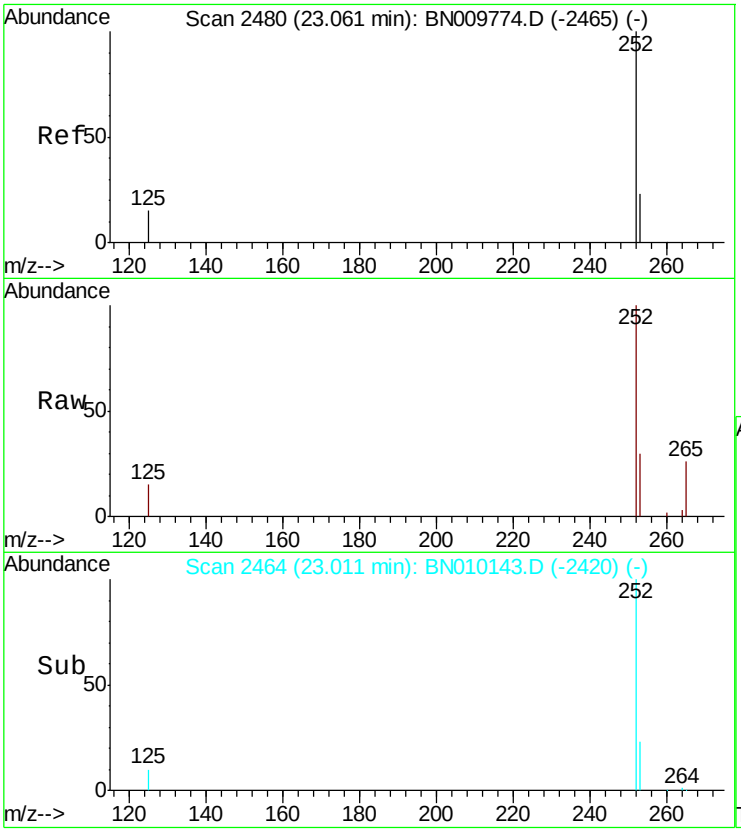


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:252 Resp: 7453

Ion	Ratio	Lower	Upper
252	100		
253	26.2	22.2	33.2
125	11.6	10.5	15.7



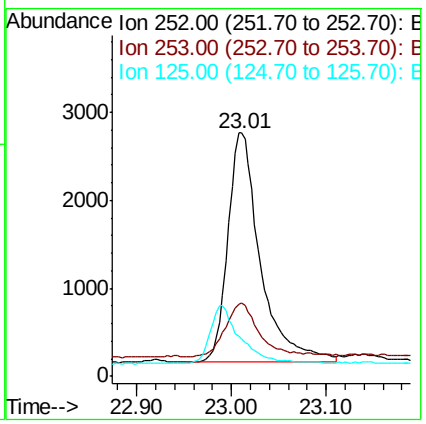


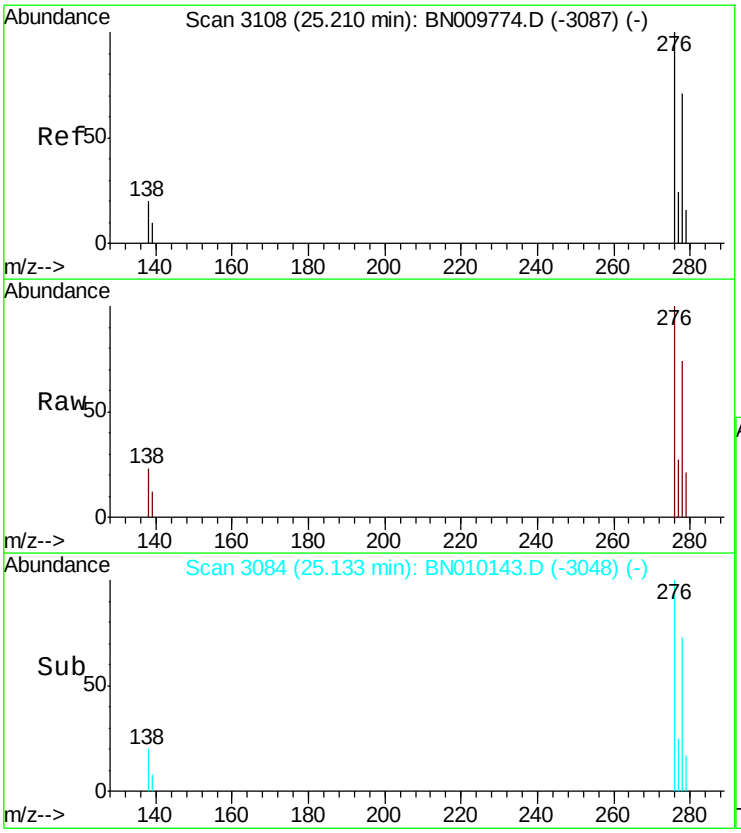
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.01 min Scan# 2464
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6241

Ion	Ratio	Lower	Upper
252	100		
253	30.2	25.3	37.9
125	15.2	17.7	26.5#

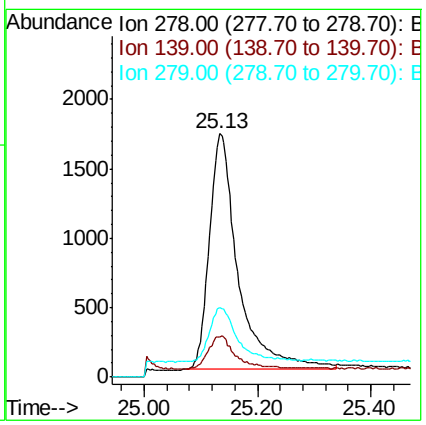


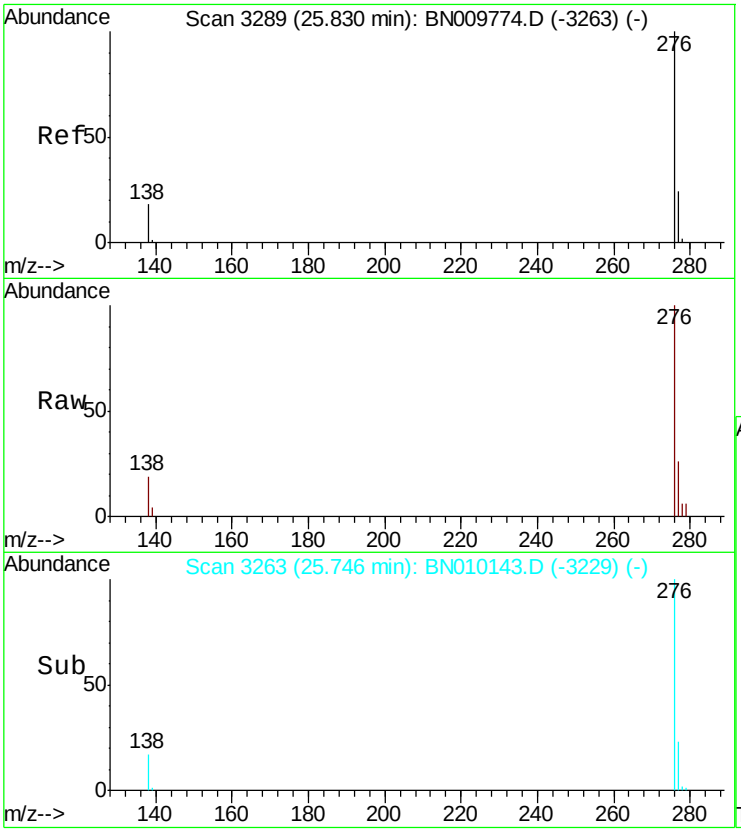


#38
Dibenzo(a,h)anthracene
Concen: 0.366 ng
RT: 25.13 min Scan# 3084
Delta R.T. -0.08 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:278 Resp: 5972

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.5	21.7
279	28.6	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 25.75 min Scan# 3263
Delta R.T. -0.08 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6463

Ion	Ratio	Lower	Upper
276	100		
277	25.6	21.4	32.0
138	19.2	16.6	24.8