Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010039.D
Acq On : 02 Mar 2020 14:16
Operator : CG/JU
Sample : L1613-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 15:44:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 15:27:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	875	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	3059	0.40	ng		0.01
13) Acenaphthene-d10	14.01	164	2121	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	4848	0.40	ng		0.00
27) Chrysene-d12	20.99	240	5182	0.40	ng		-0.01
34) Perylene-d12	23.09	264	5526	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	694	0.36	ng		0.00
5) Phenol-d6	6.63	99	863	0.36	ng		0.00
8) Nitrobenzene-d5	8.62	82	802	0.32	ng		0.05
11) 2-Methylnaphthalene-d10	11.75	152	1527	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	300	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	2928	0.37	ng		0.00
25) Fluoranthene-d10	18.82	212	4317	0.26	ng		-0.01
29) Terphenyl-d14	19.43	244	4162	0.34	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.37	42	87	0.059	ng	#	1
9) Naphthalene	10.19	128	5898	0.707	ng		98
12) 2-Methylnaphthalene	11.82	142	2592	0.453	ng		99
16) Acenaphthylene	13.73	152	20371	2.253	ng		100
17) Acenaphthene	14.08	154	1517	0.239	ng		97
18) Fluorene	15.08	166	6893	0.822	ng		96
20) 4-Bromophenyl-phenylether	16.01	248	148	Below Cal		#	63
22) Pentachlorophenol	16.50	266	3	0.181	ng	#	68
23) Phenanthrene	16.82	178	60999	4.228	ng		100
24) Anthracene	16.91	178	16324	1.338	ng		100
26) Fluoranthene	18.84	202	81929	4.742	ng		99
28) Pyrene	19.21	202	85394	4.340	ng		98
30) Benzo(a)anthracene	20.97	228	53765	3.126	ng		97
31) Chrysene	21.03	228	43803	2.202	ng		98
32) Bis(2-ethylhexyl)phthalate	20.93	149	1362	0.162	ng		99
33) Indeno(1,2,3-cd)pyrene	25.12	276	45269	2.185	ng		98
35) Benzo(b)fluoranthene	22.48	252	82250	4.071	ng	#	82
36) Benzo(k)fluoranthene	22.63	252	20825	0.947	ng		98
37) Benzo(a)pyrene	23.13	252	17925	0.972	ng		94
38) Dibenzo(a,h)anthracene	25.12	278	12887	0.710	ng		98
39) Benzo(g,h,i)perylene	25.73	276	48303	2.498	ng		95

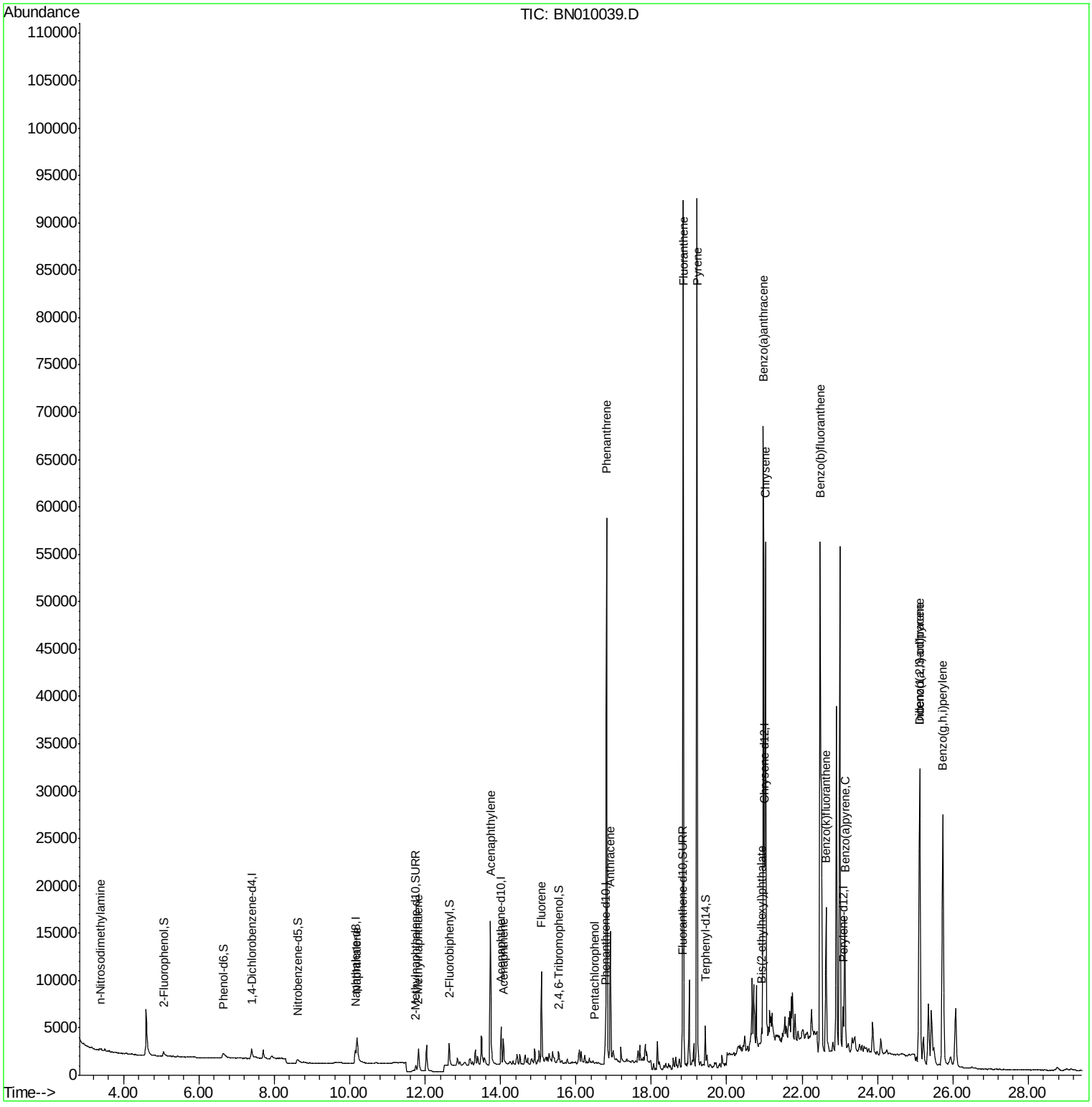
(#) = qualifier out of range (m) = manual integration (+) = signals summed

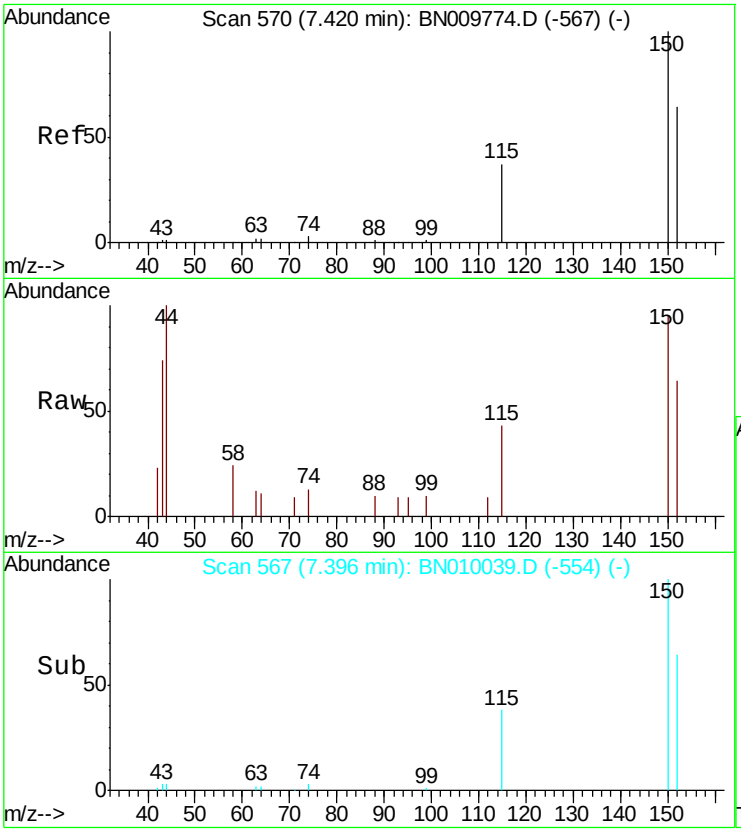
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010039.D
Acq On : 02 Mar 2020 14:16
Operator : CG/JU
Sample : L1613-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 02 15:44:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 15:27:13 2020
Response via : Initial Calibration



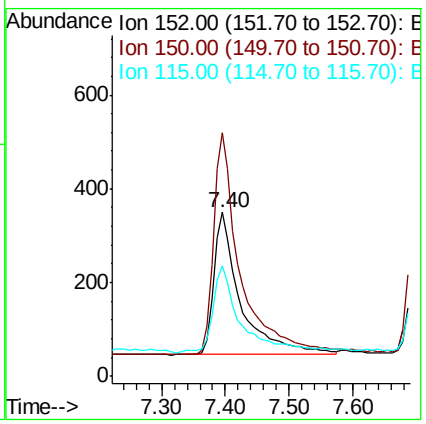


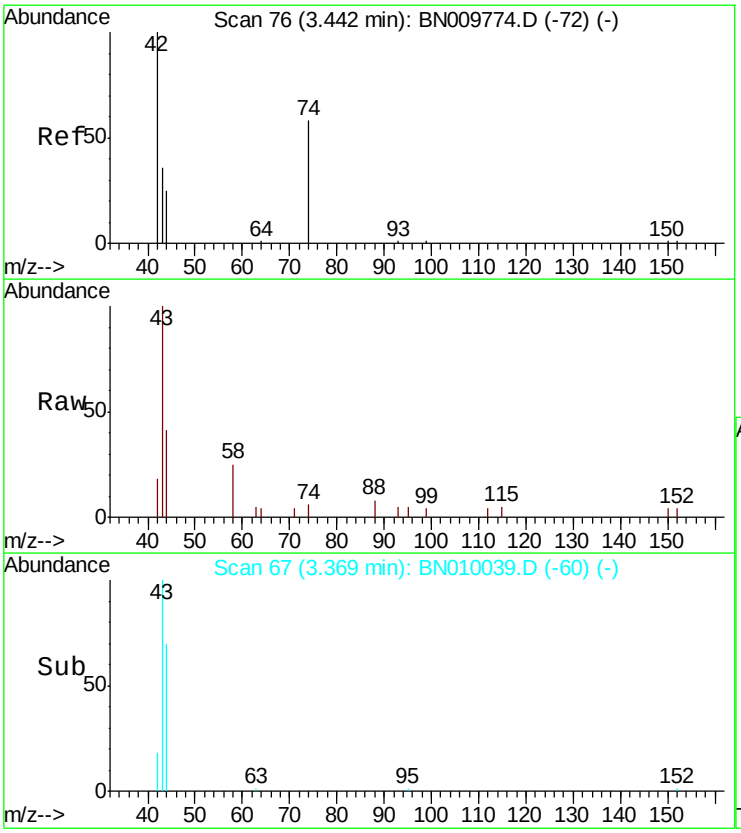
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. 0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 875

Ion	Ratio	Lower	Upper
152	100		
150	148.3	118.6	177.8
115	67.4	51.8	77.6

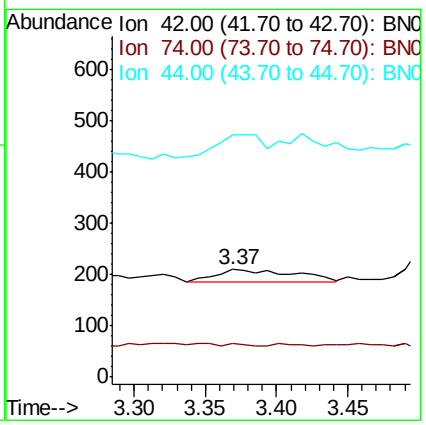


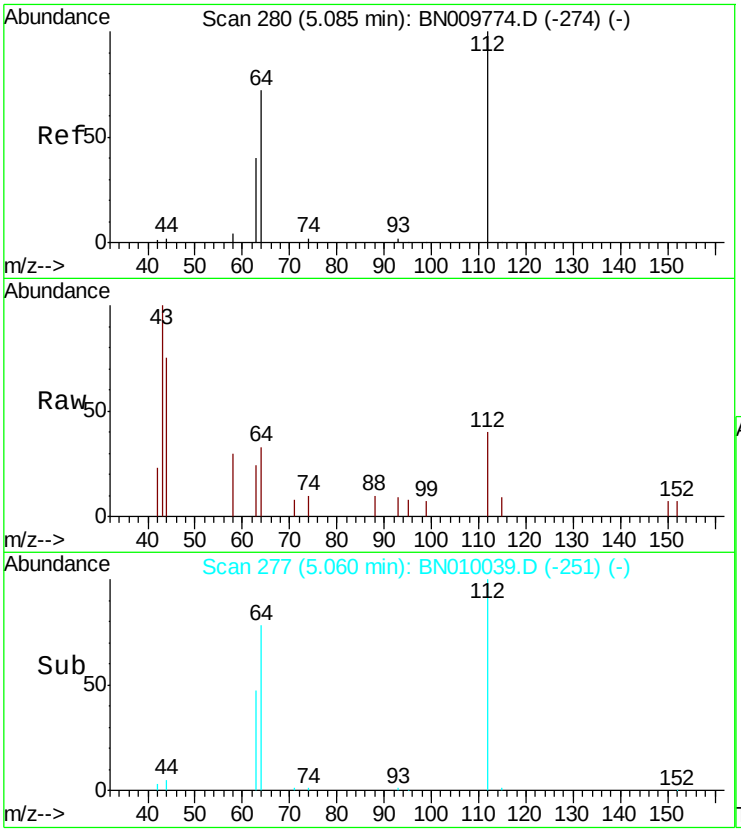


#3
n-Nitrosodimethylamine
Concen: 0.059 ng
RT: 3.37 min Scan# 67
Delta R.T. -0.04 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion: 42 Resp: 87

Ion	Ratio	Lower	Upper
42	100		
74	0.0	58.9	88.3#
44	111.5	4.6	7.0#



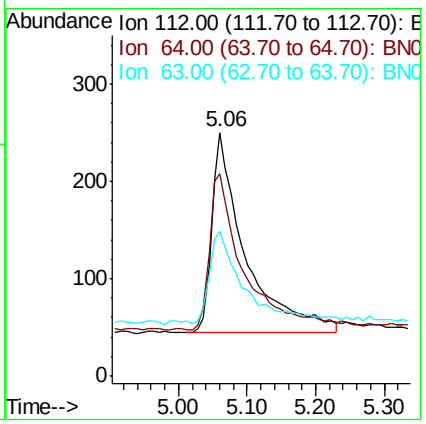


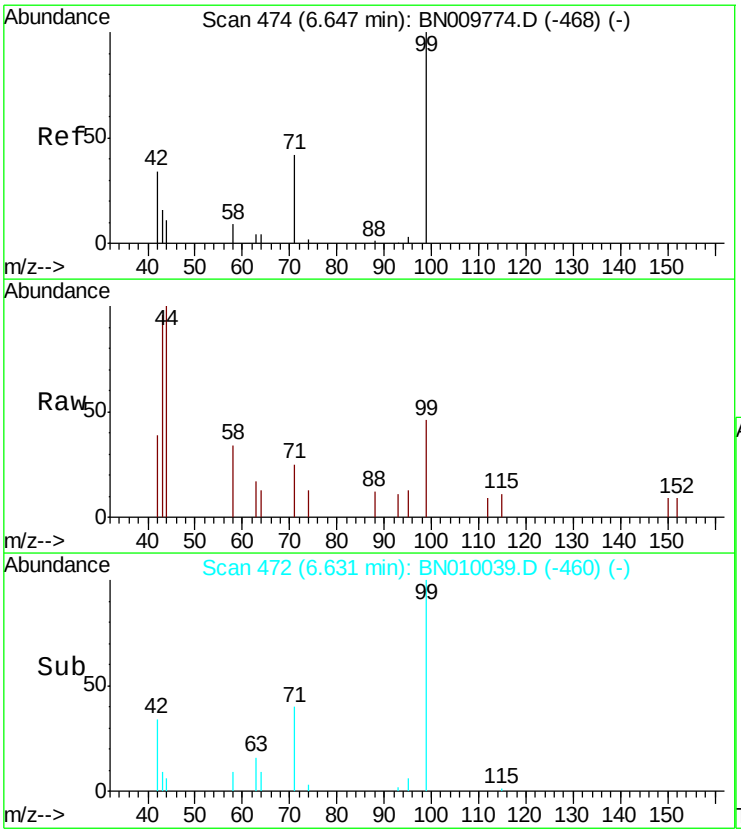
#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.06 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 694

Ion	Ratio	Lower	Upper
112	100		
64	80.8	62.5	93.7
63	47.6	35.4	53.0

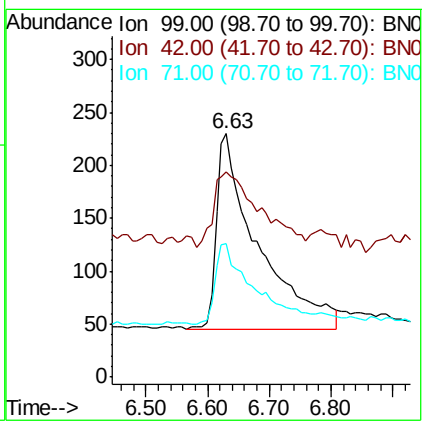


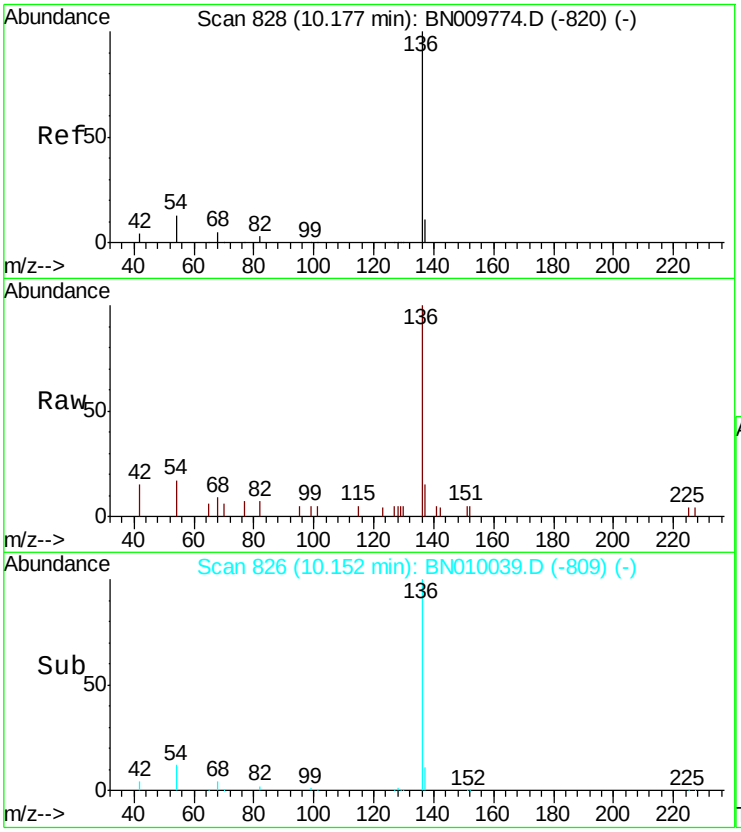


#5
Phenol-d6
Concen: 0.365 ng
RT: 6.63 min Scan# 472
Delta R.T. -0.00 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion: 99 Resp: 863

Ion	Ratio	Lower	Upper
99	100		
42	43.6	25.9	38.9#
71	39.3	35.0	52.6



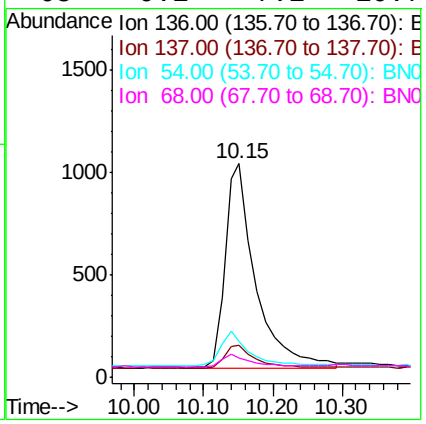


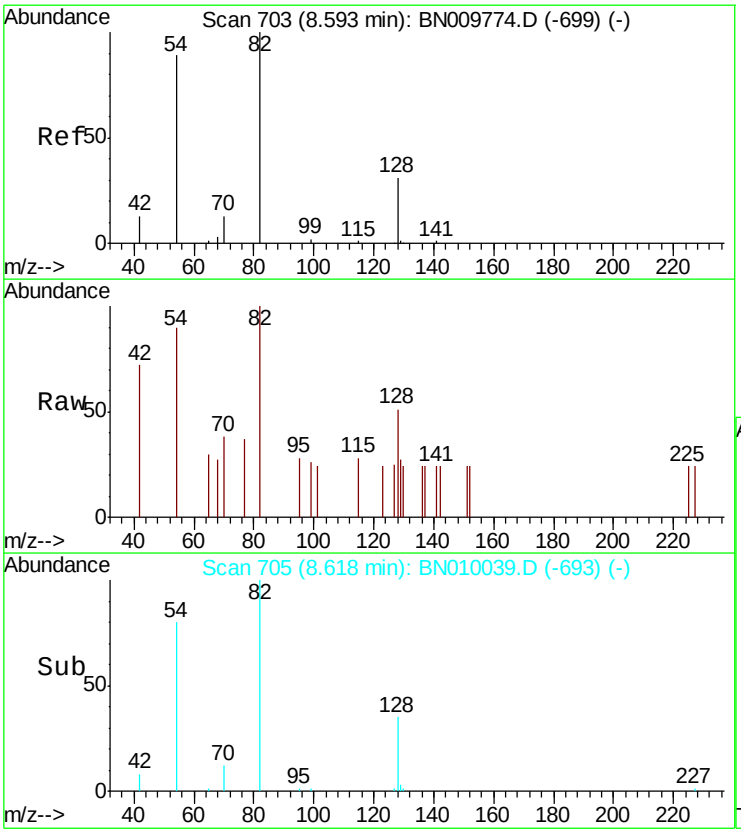
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. 0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3059

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.3	16.9
54	16.8	13.9	20.9
68	9.1	7.1	10.7

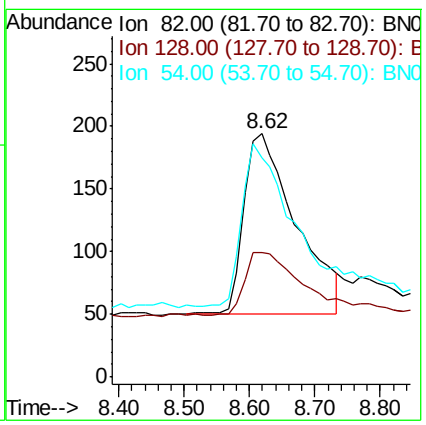


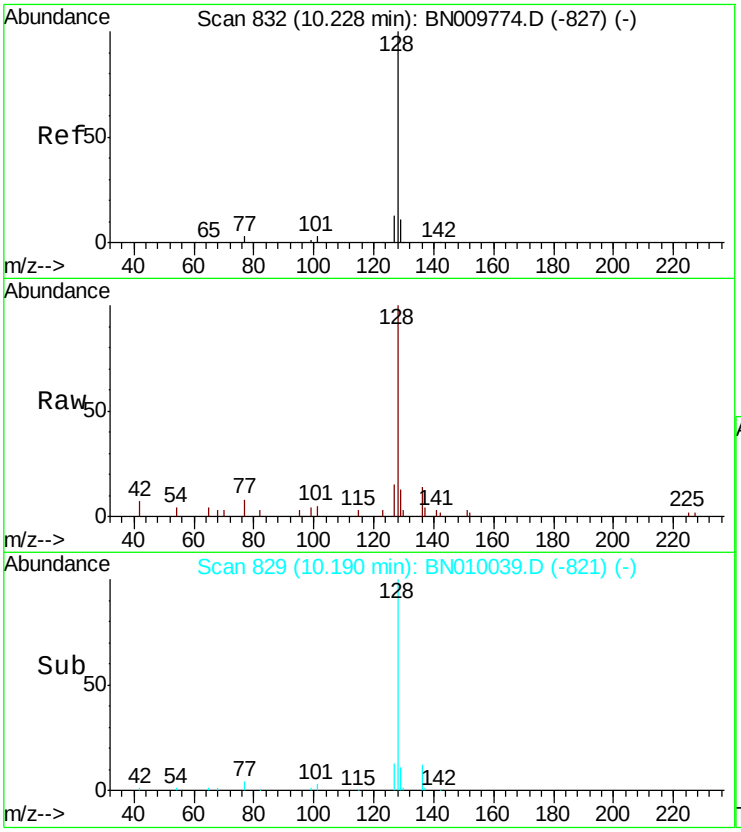


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.62 min Scan# 705
Delta R.T. 0.05 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion: 82 Resp: 802

Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.5	56.3
54	90.2	72.4	108.6



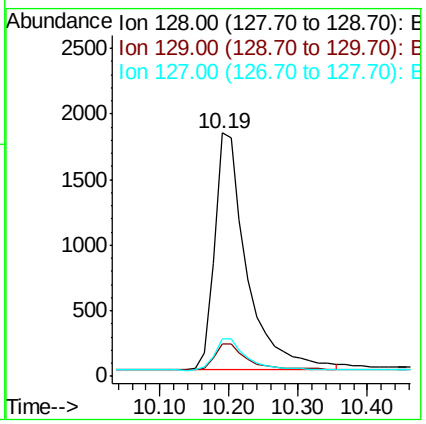


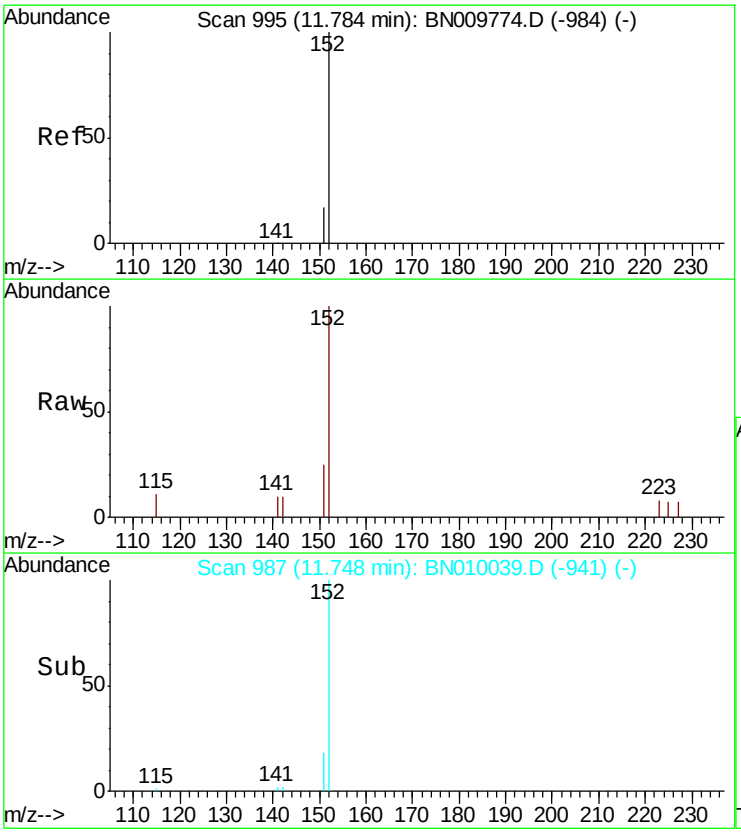
#9
Naphthalene
Concen: 0.707 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.00 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5898

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.6	17.4
127	15.2	12.6	19.0

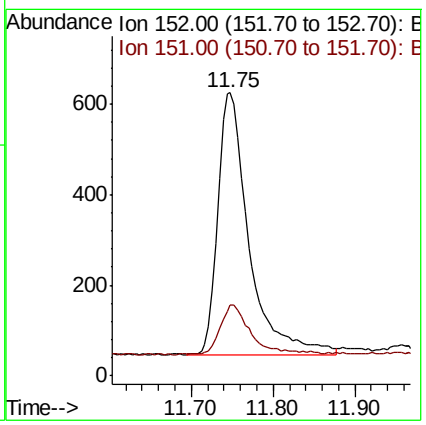


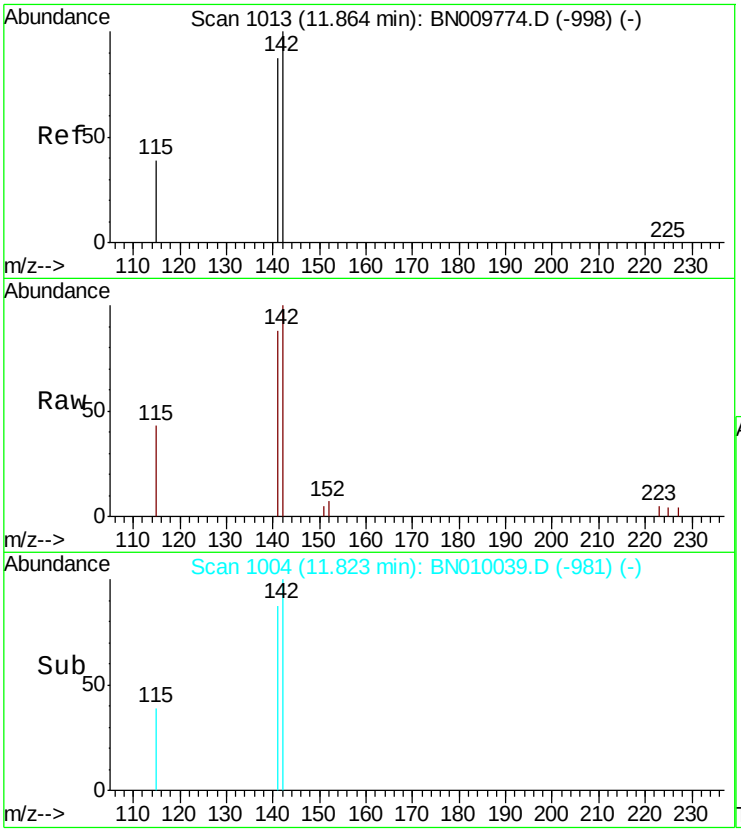


#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 11.75 min Scan# 987
Delta R.T. 0.00 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:152 Resp: 1527

Ion	Ratio	Lower	Upper
152	100		
151	18.3	14.6	22.0



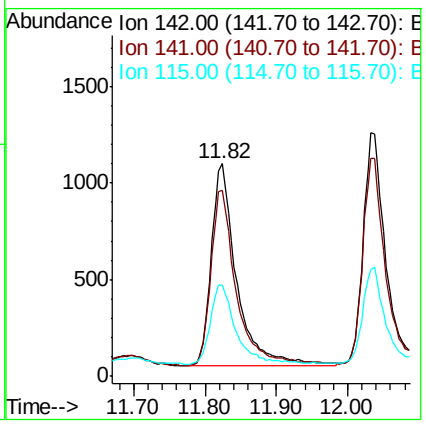


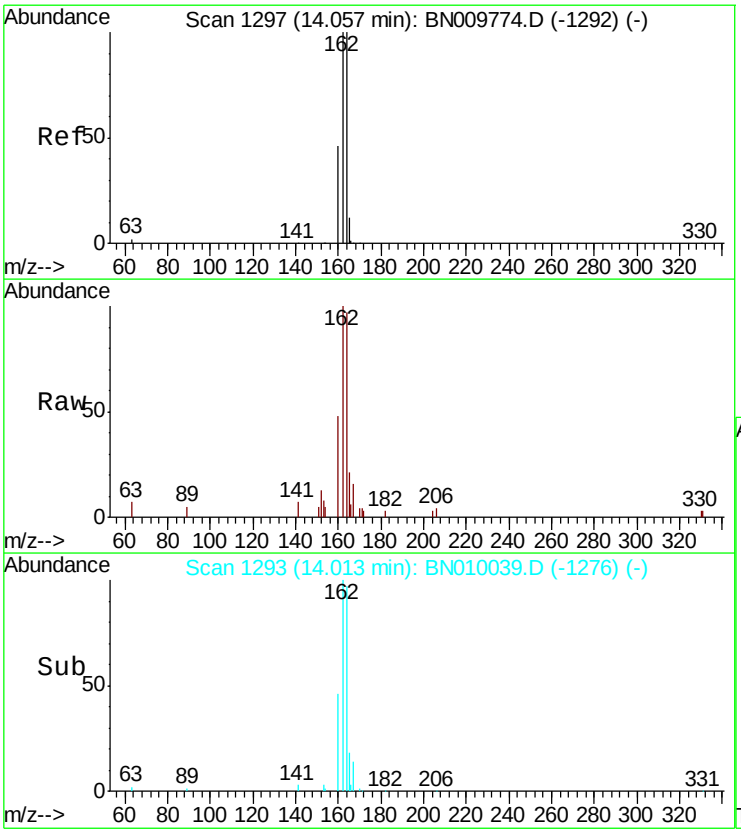
#12
2-Methylnaphthalene
Concen: 0.453 ng
RT: 11.82 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 2592

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.5	107.3
115	43.2	34.8	52.2

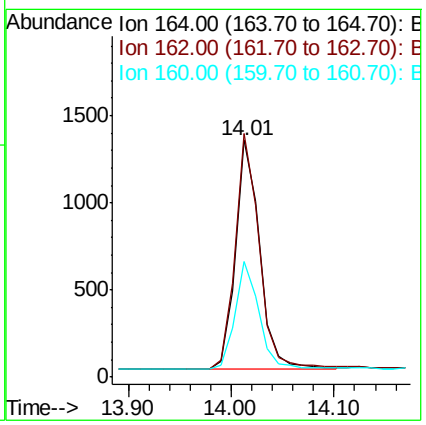


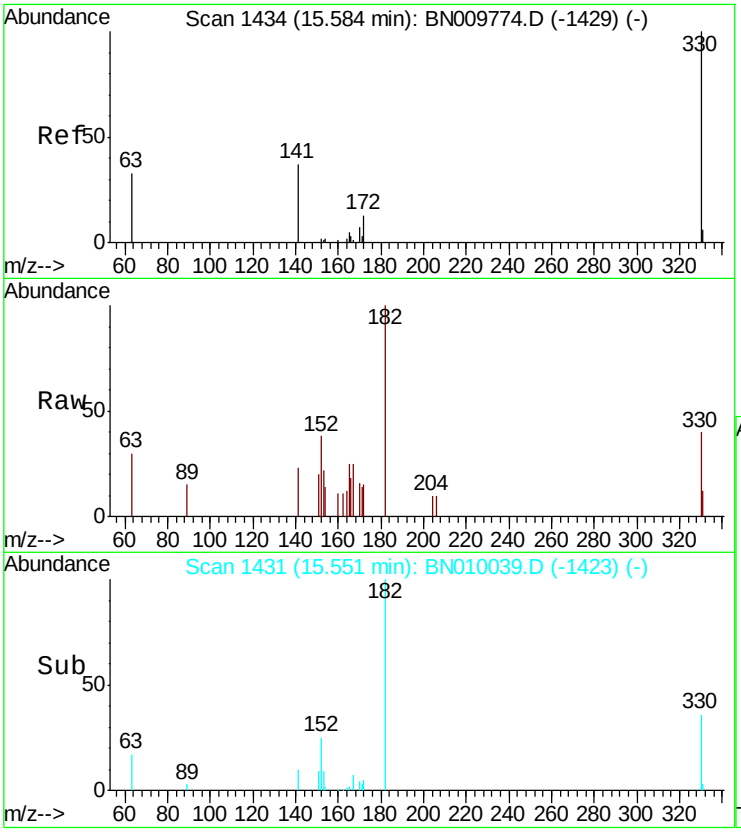


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:164 Resp: 2121

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.9	122.9
160	48.9	37.6	56.4



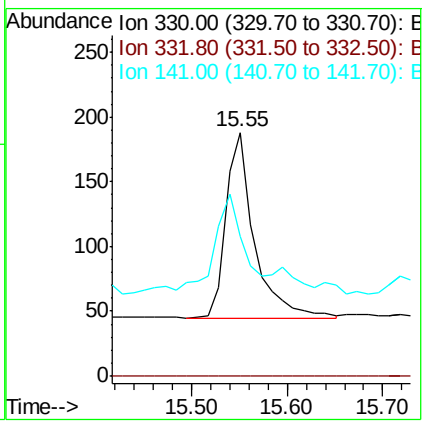


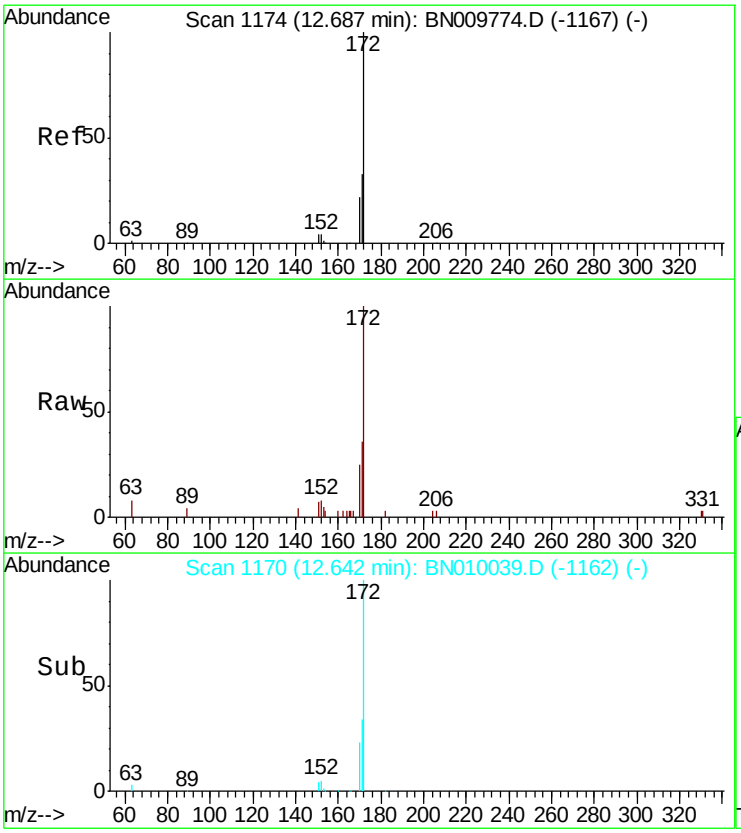
#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 300

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.7	38.2	57.2

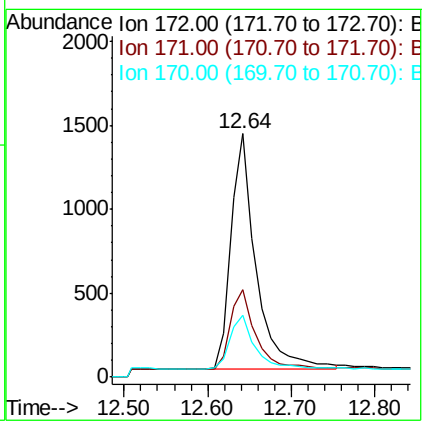


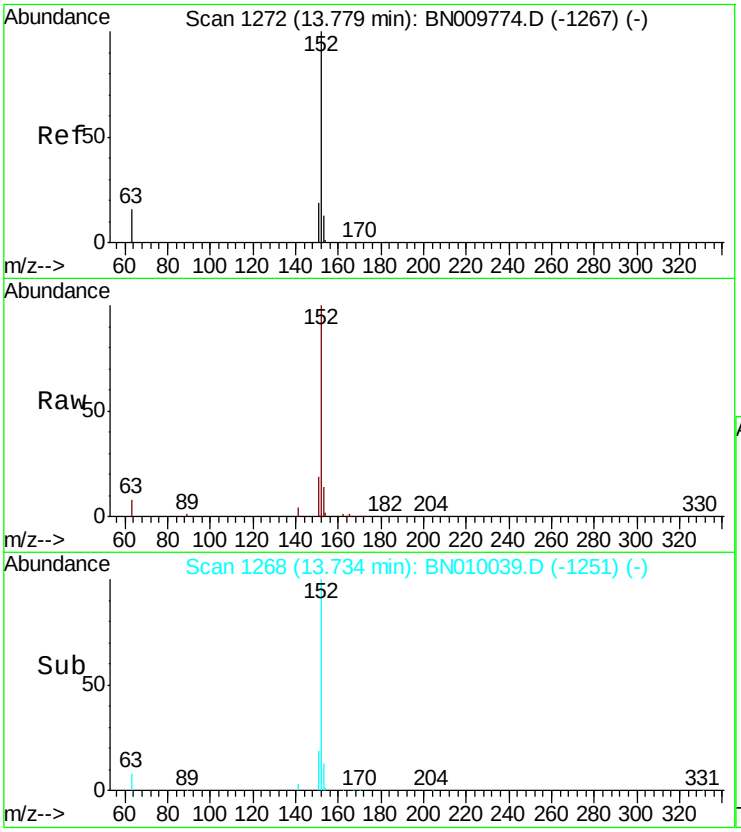


#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:172 Resp: 2928

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	25.4	19.4	29.0



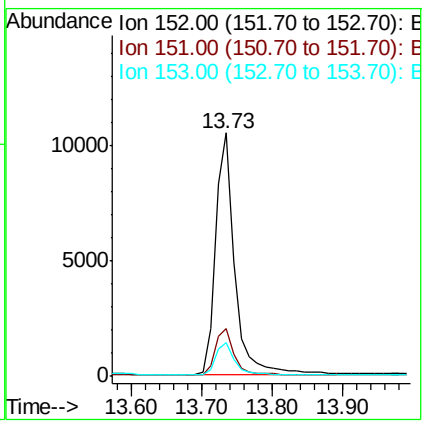


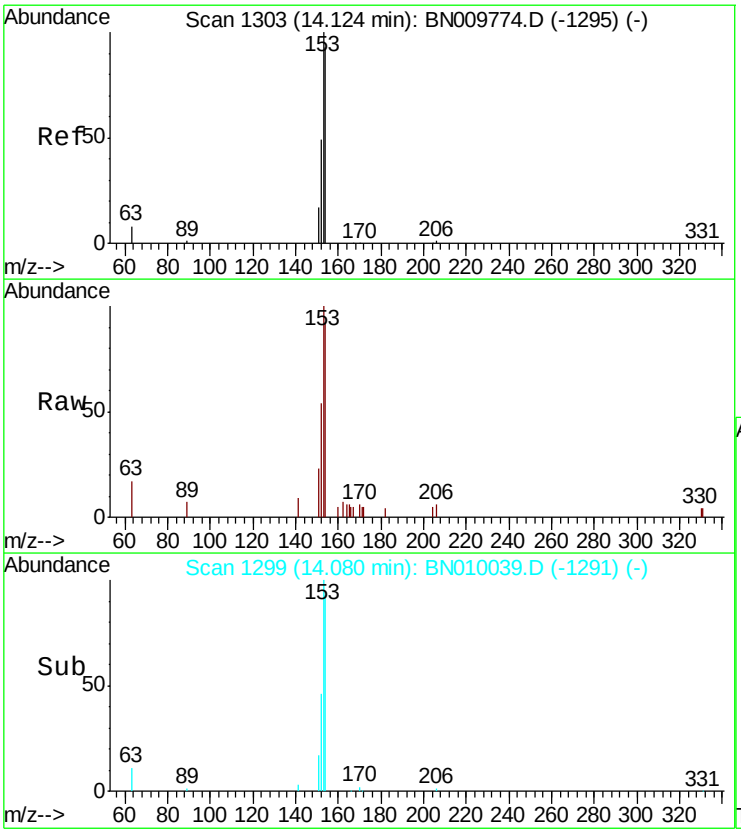
#16
Acenaphthylene
Concen: 2.253 ng
RT: 13.73 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 20371

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.4	10.8	16.2

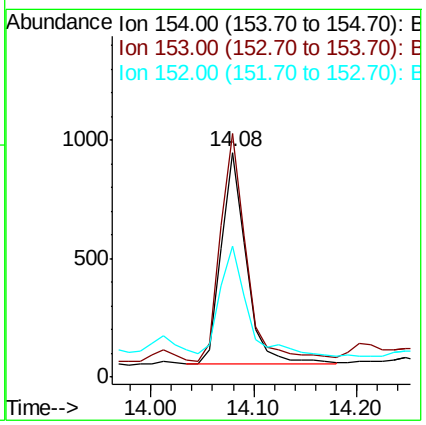


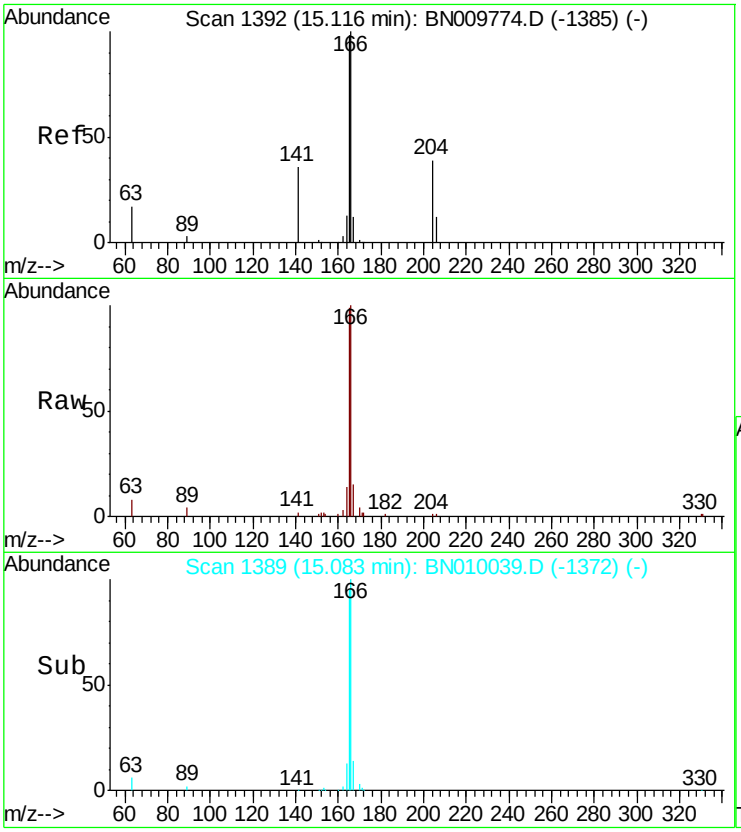


#17
Acenaphthene
Concen: 0.239 ng
RT: 14.08 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:154 Resp: 1517

Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.4	137.2
152	57.4	44.2	66.4



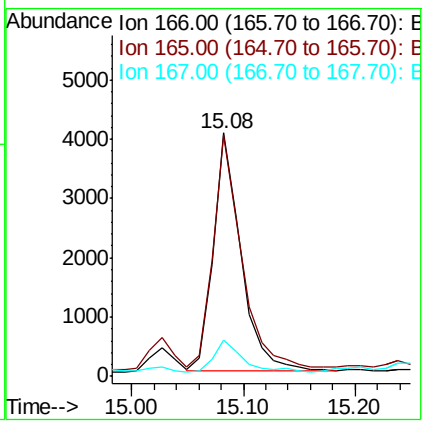


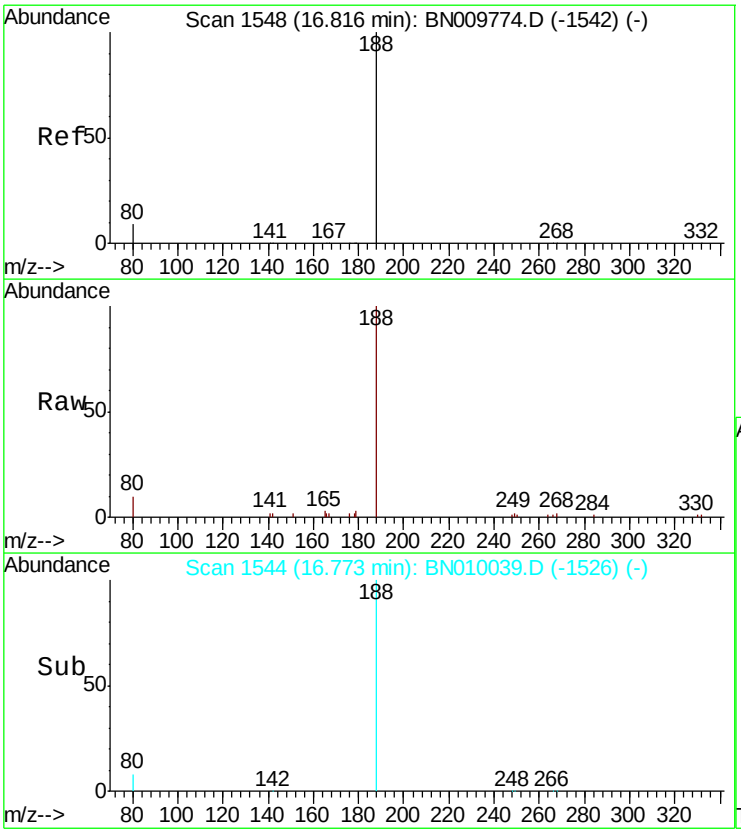
#18
Fluorene
Concen: 0.822 ng
RT: 15.08 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 6893

Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.1	115.7
167	14.2	11.3	16.9

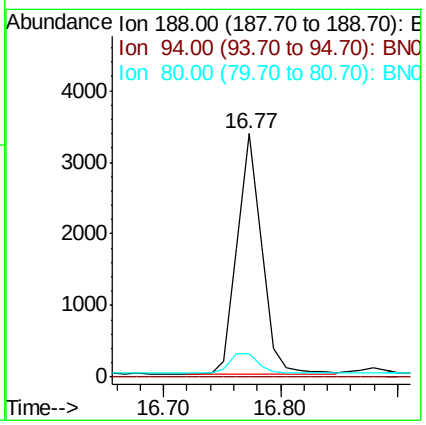


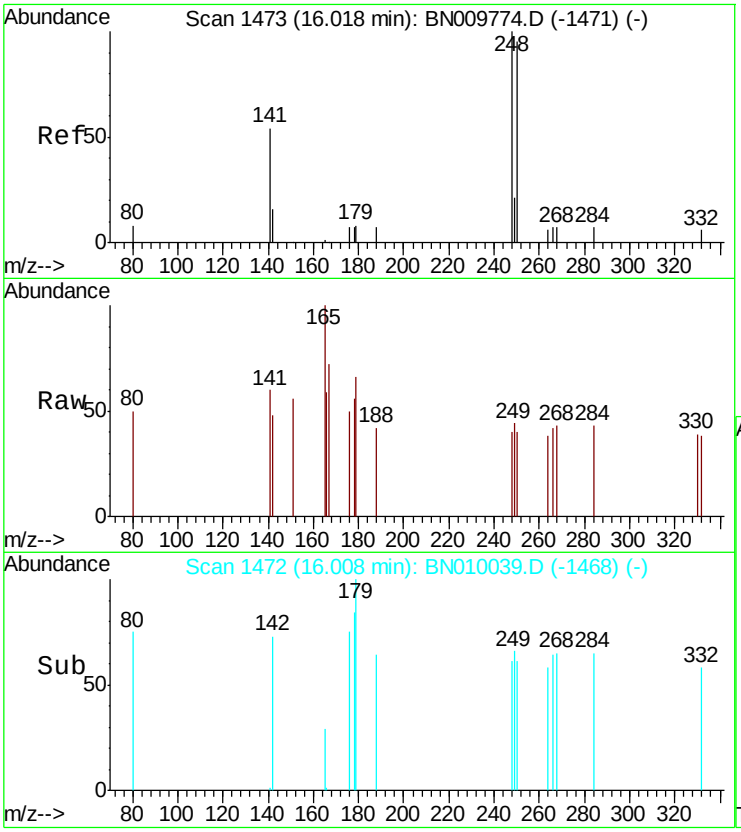


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:188 Resp: 4848

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	9.4	14.2



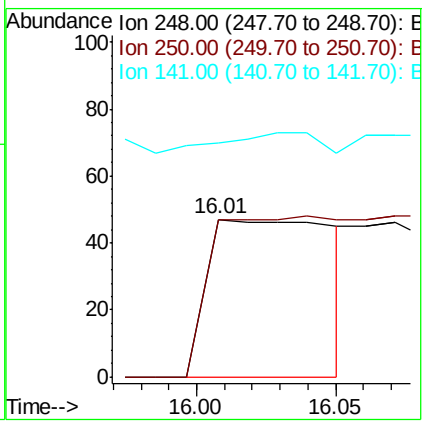


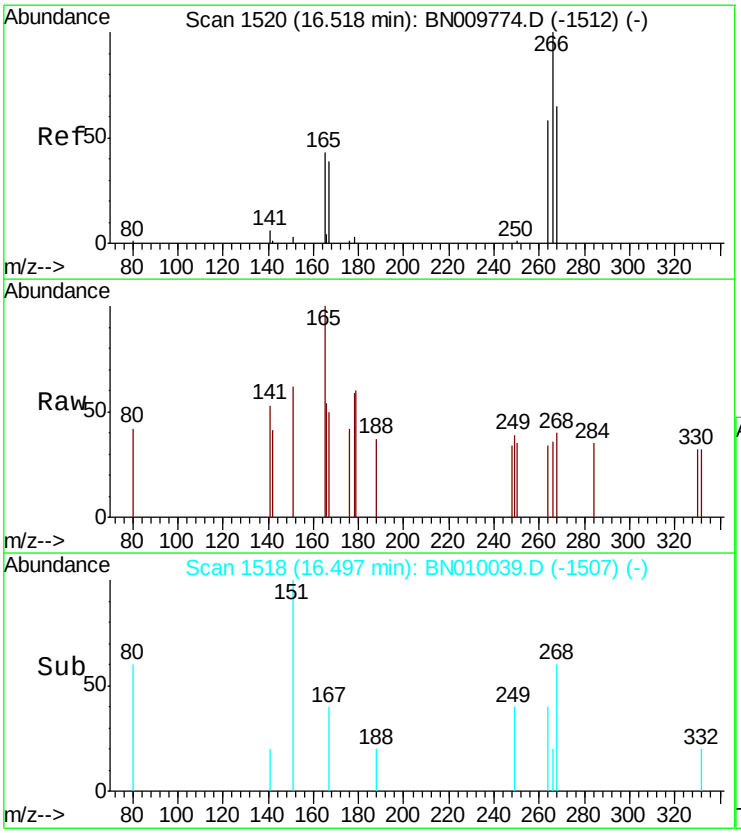
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 148

Ion	Ratio	Lower	Upper
248	100		
250	100.0	94.2	141.2
141	148.9	70.0	105.0#

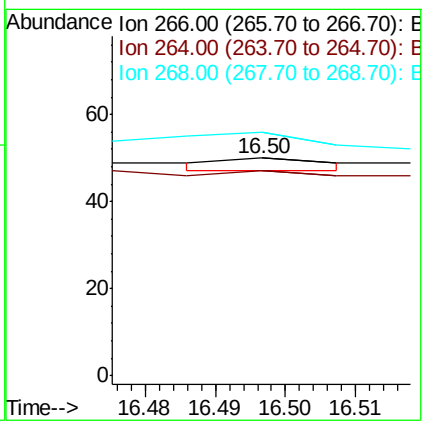


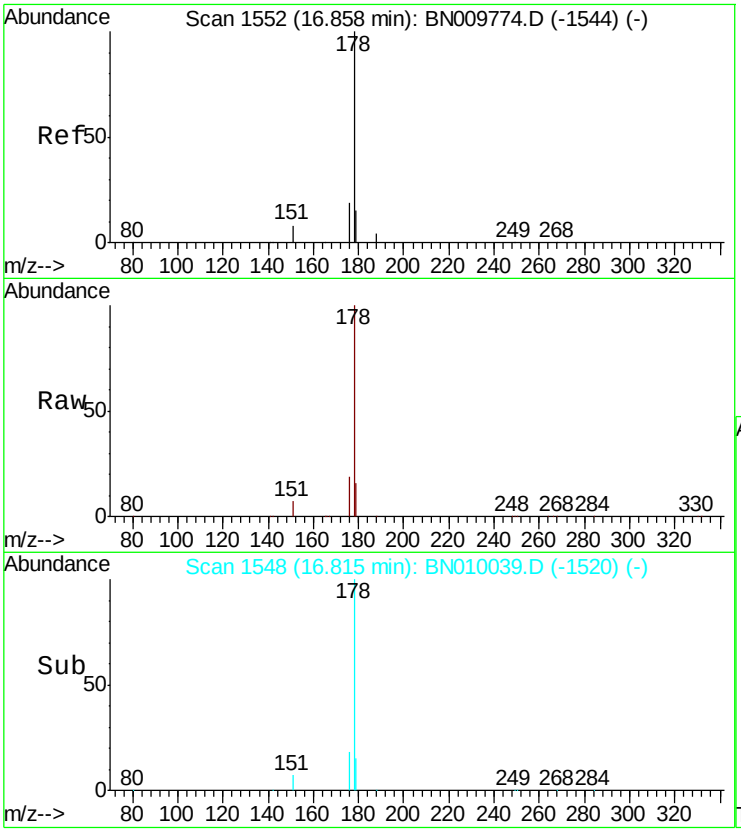


#22
Pentachlorophenol
Concen: 0.181 ng
RT: 16.50 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	94.0	57.4	86.0#
268	112.0	63.8	95.6#



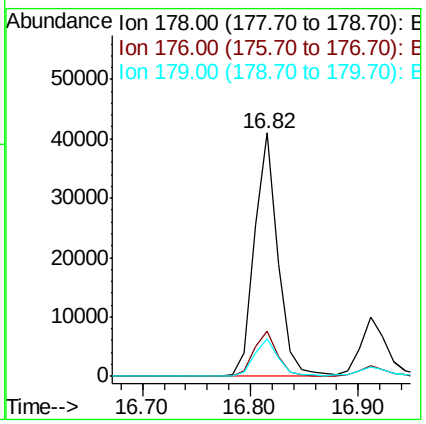


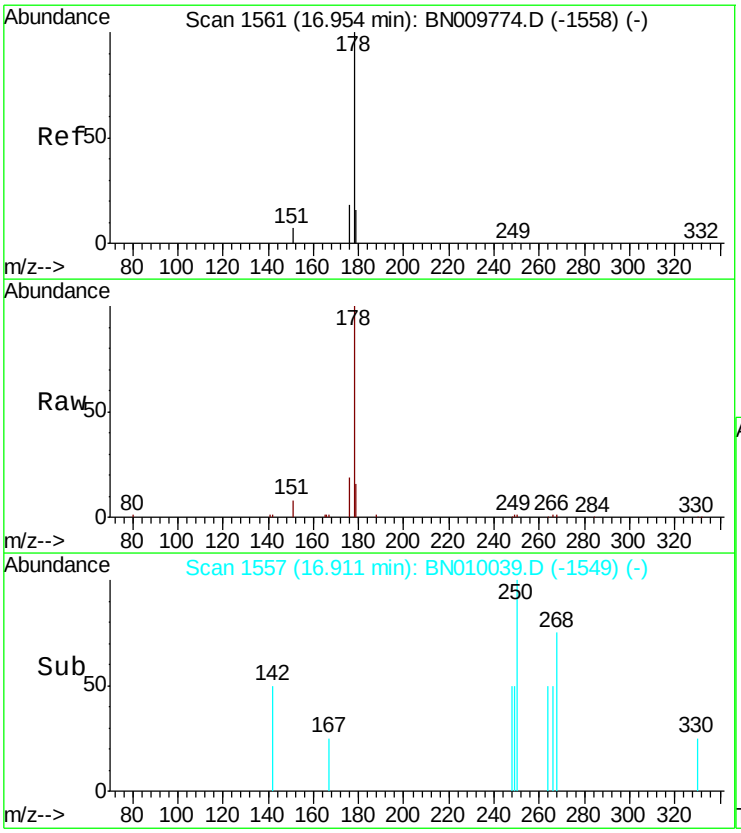
#23
Phenanthrene
Concen: 4.228 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 60999

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.2	18.4

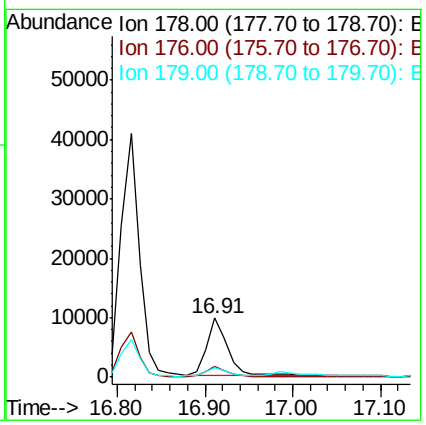


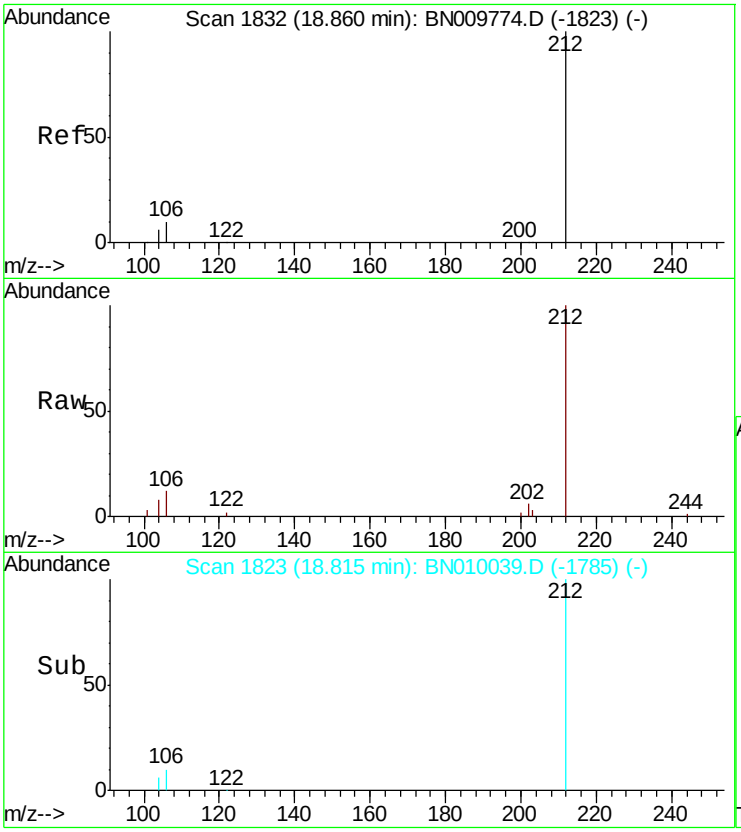


#24
Anthracene
Concen: 1.338 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:178 Resp: 16324

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.2	21.2
179	14.9	11.8	17.8



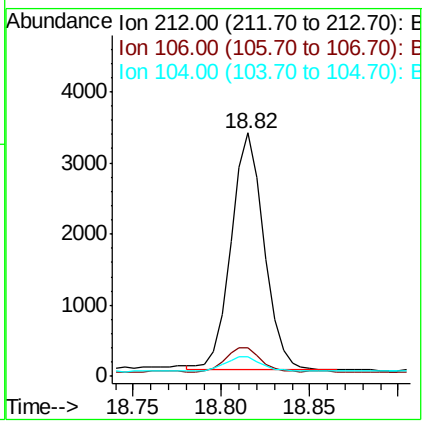


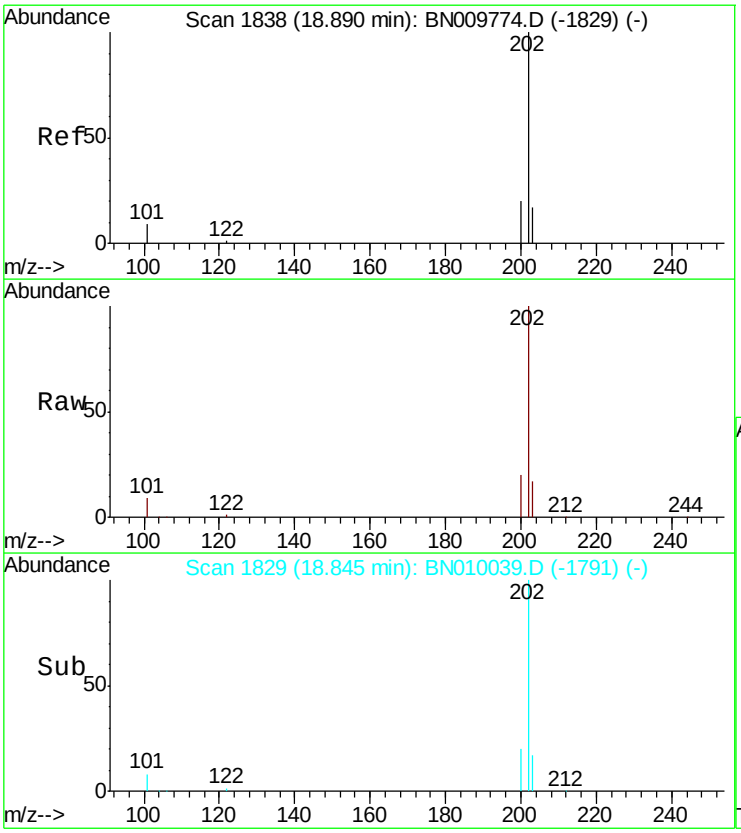
#25
Fluoranthene-d10
Concen: 0.257 ng
RT: 18.82 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 4317

Ion	Ratio	Lower	Upper
212	100		
106	10.8	8.2	12.4
104	7.6	5.0	7.6#

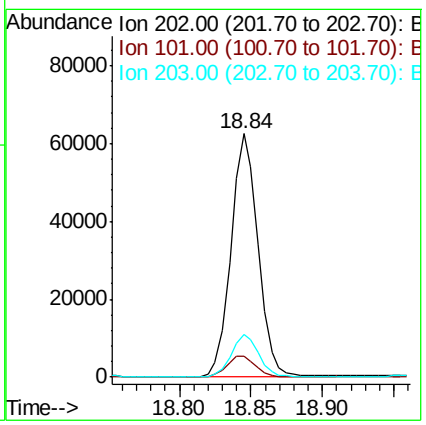


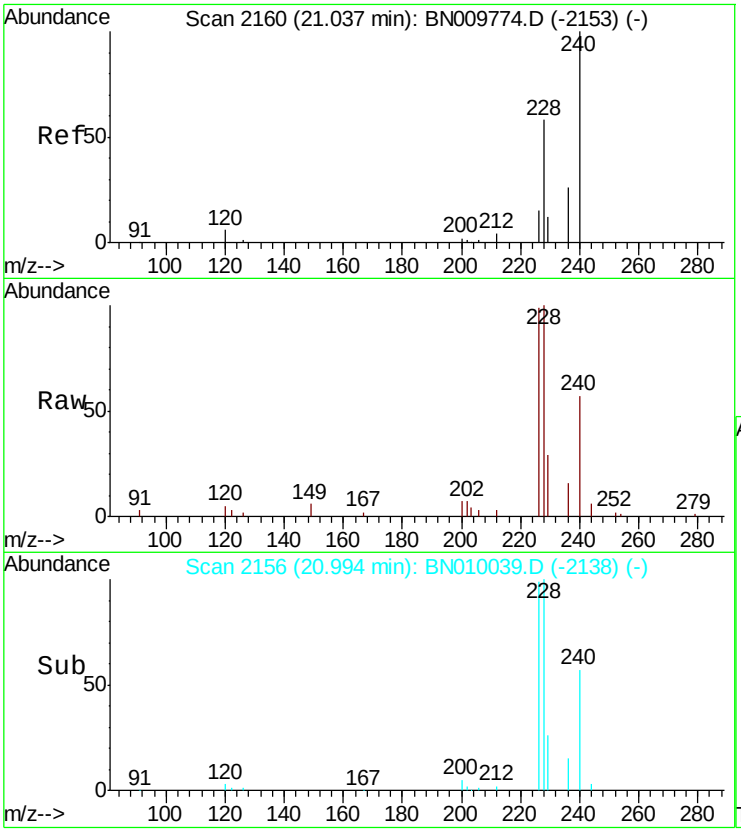


#26
Fluoranthene
Concen: 4.742 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:202 Resp: 81929

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.6
203	17.4	13.4	20.2



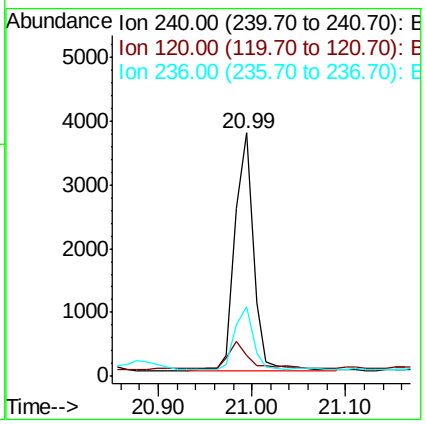


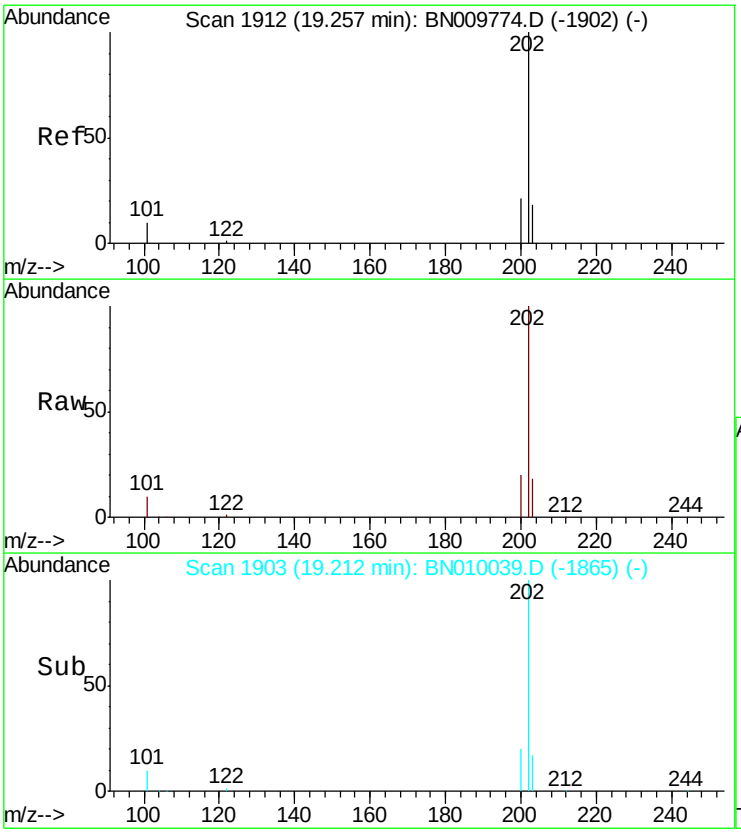
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5182

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.5	12.7#
236	28.5	22.5	33.7

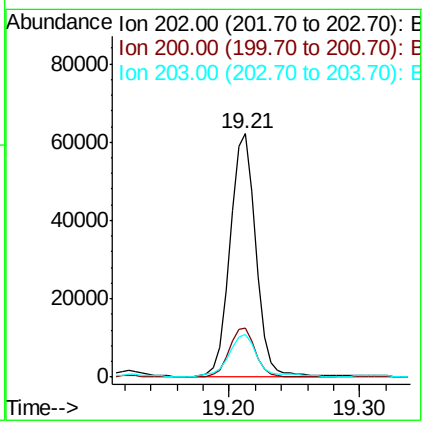


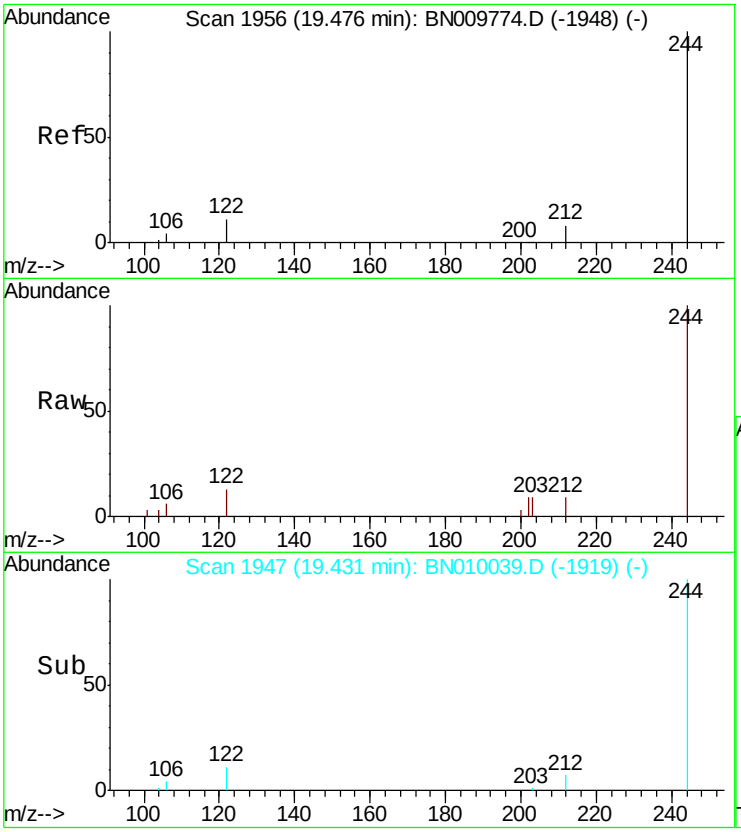


#28
Pyrene
Concen: 4.340 ng
RT: 19.21 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:202 Resp: 85394

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.9	14.0	21.0



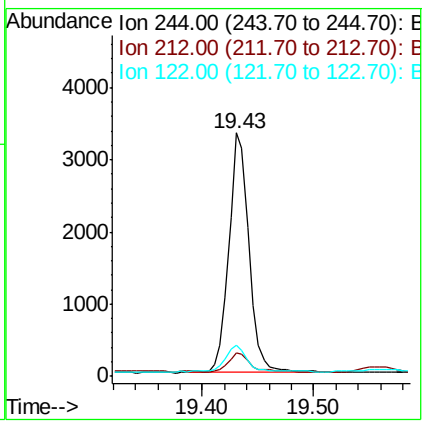


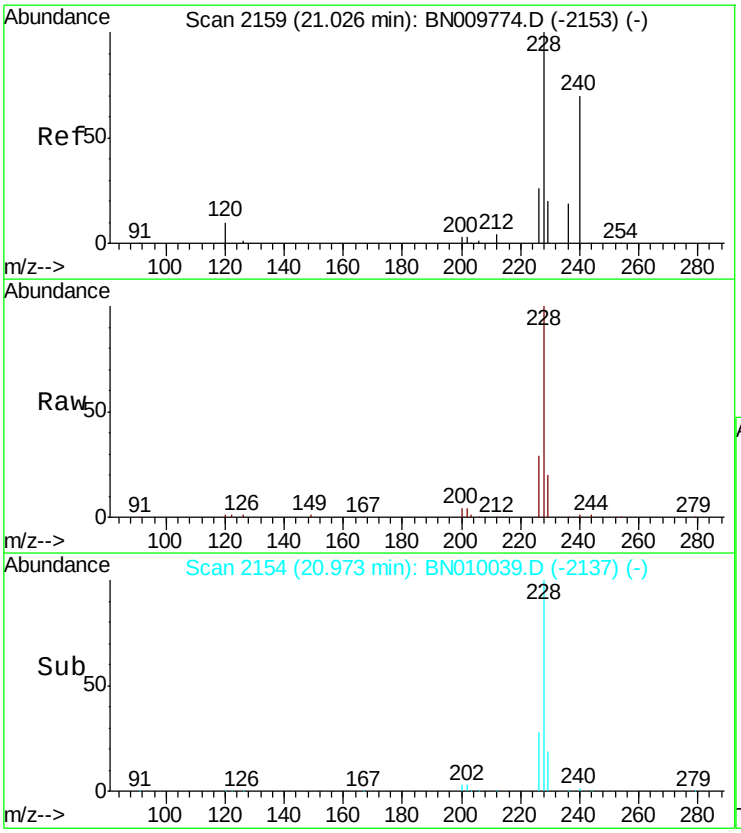
#29
Terphenyl-d14
Concen: 0.336 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4162

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.0	12.0
122	12.8	9.9	14.9

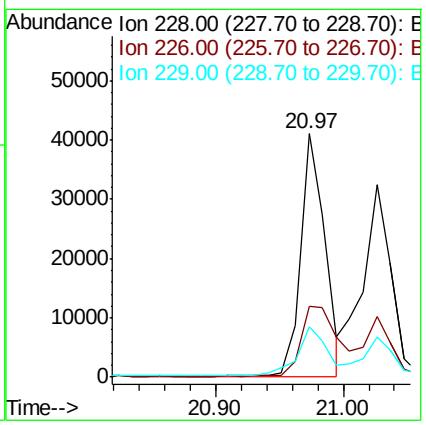


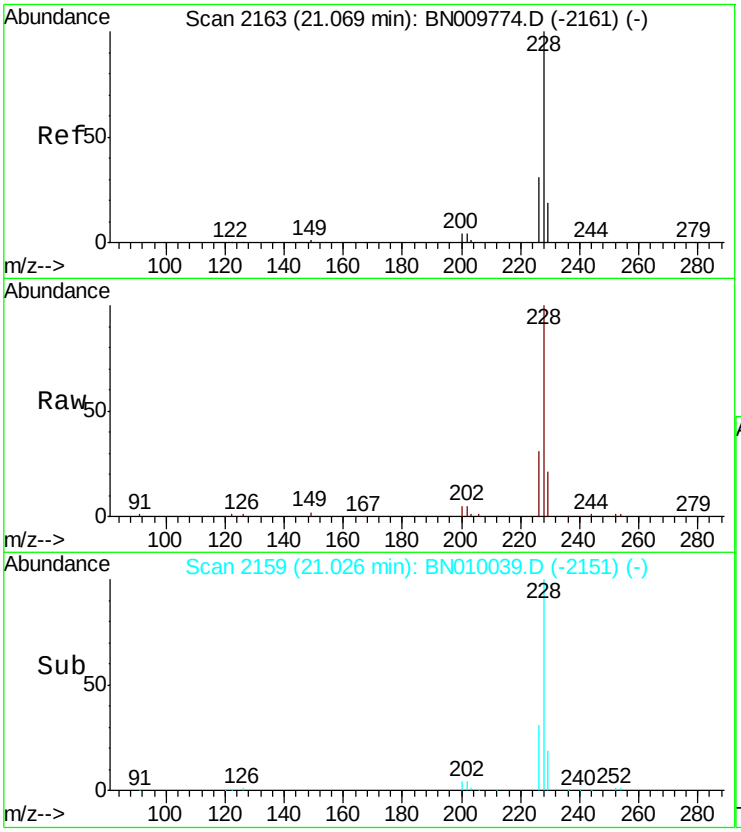


#30
Benzo(a)anthracene
Concen: 3.126 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:228 Resp: 53765

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.6	32.4
229	20.4	17.1	25.7



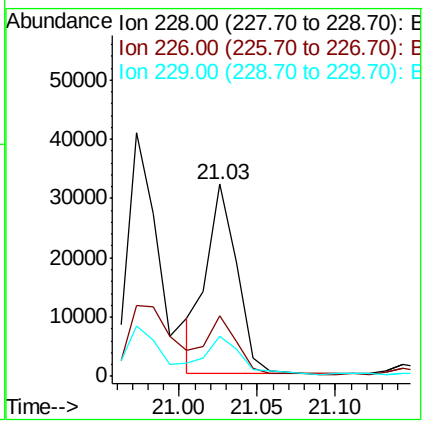


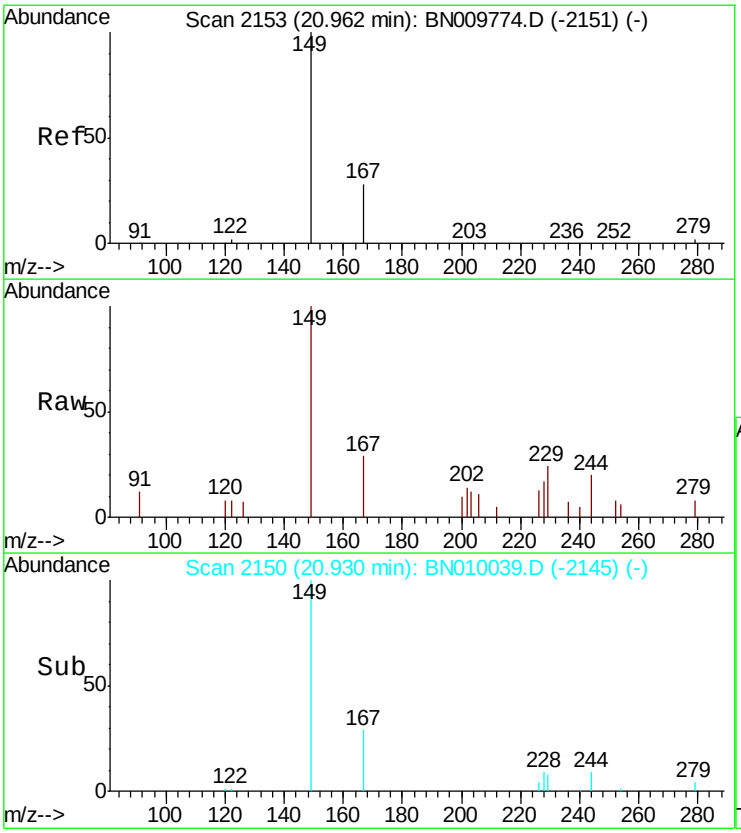
#31
Chrysene
Concen: 2.202 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 43803

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.2	36.4
229	21.2	16.5	24.7

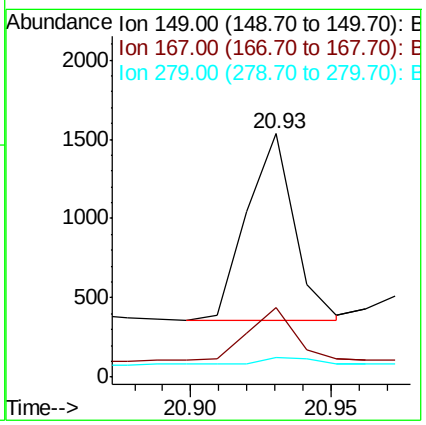


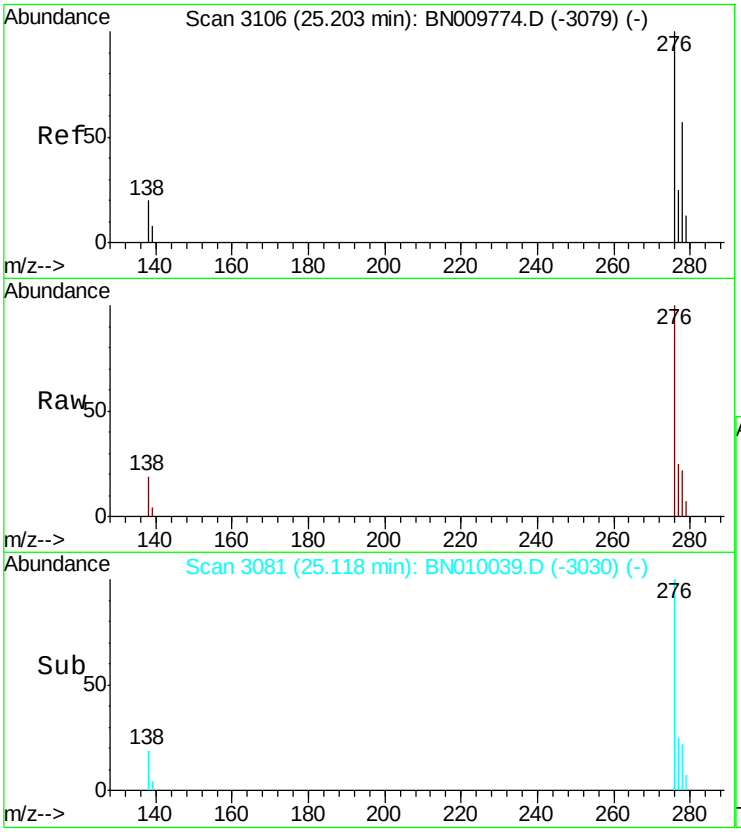


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 20.93 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:149 Resp: 1362

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.0	33.0
279	4.3	3.2	4.8



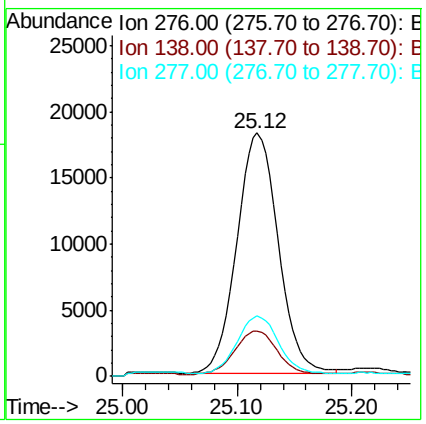


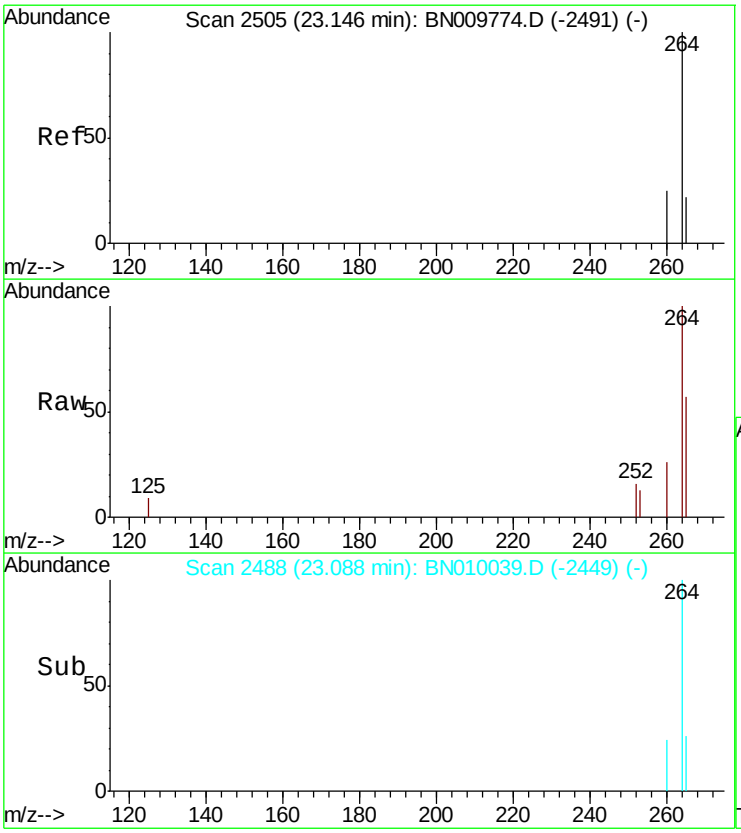
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.185 ng
RT: 25.12 min Scan# 3081
Delta R.T. -0.03 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 45269

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.6	25.0
277	24.5	18.6	28.0

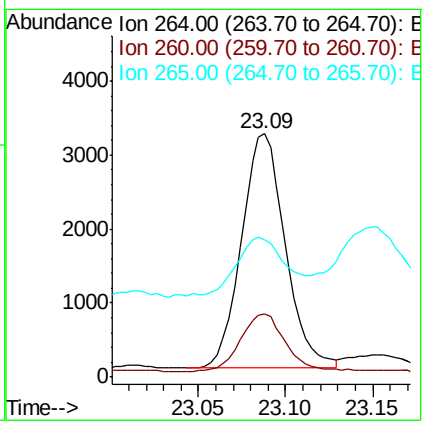


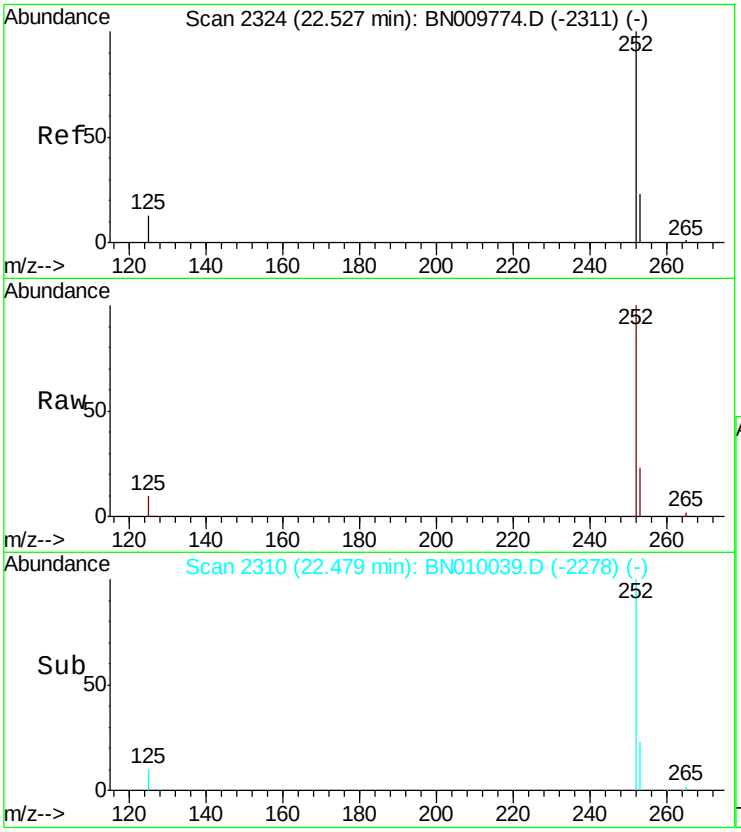


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:264 Resp: 5526

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	56.5	50.5	75.7



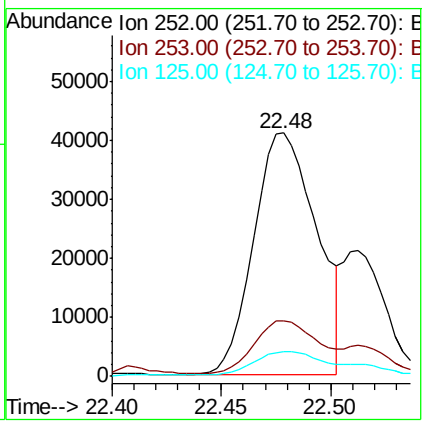


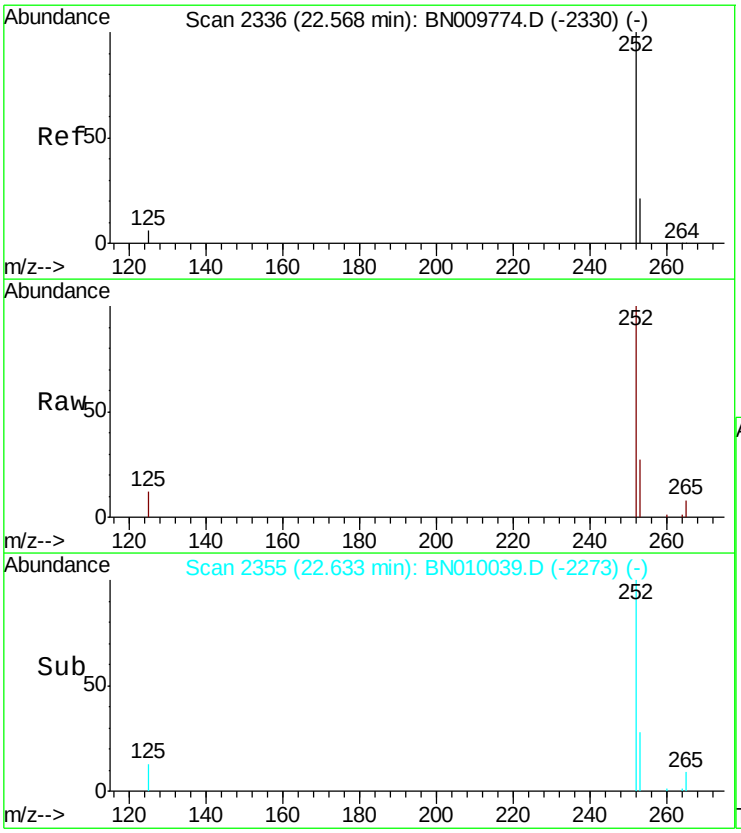
#35
Benzo(b)fluoranthene
Concen: 4.071 ng
RT: 22.48 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 82250

Ion	Ratio	Lower	Upper
252	100		
253	23.0	23.1	34.7#
125	10.4	18.6	27.8#

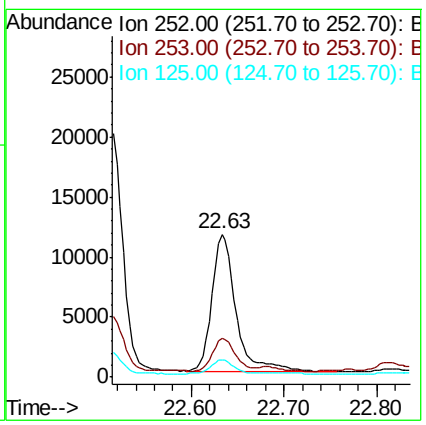


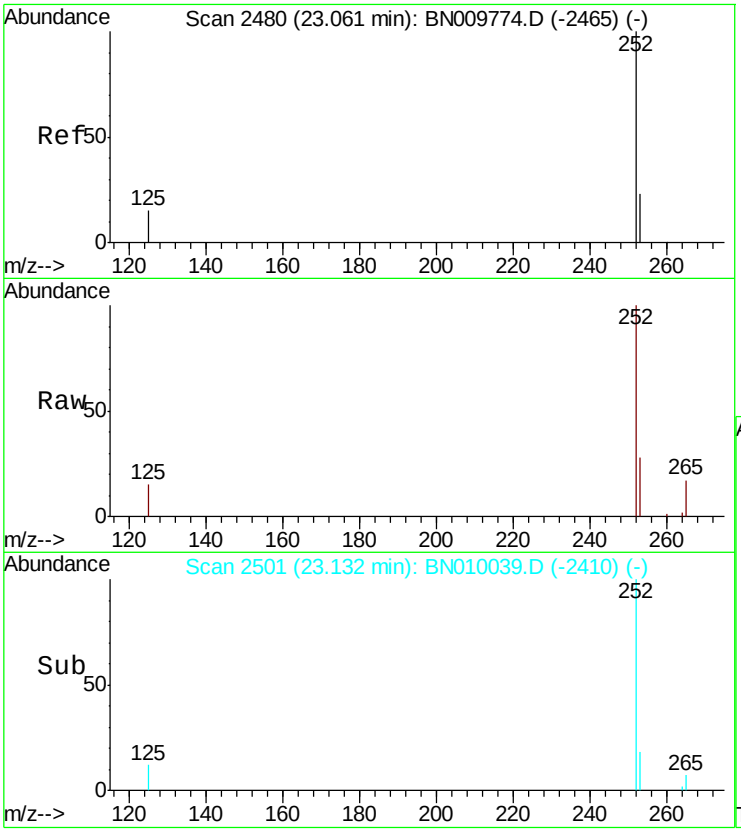


#36
Benzo(k)fluoranthene
Concen: 0.947 ng
RT: 22.63 min Scan# 2355
Delta R.T. 0.10 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:252 Resp: 20825

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.0	33.0
125	12.3	11.1	16.7



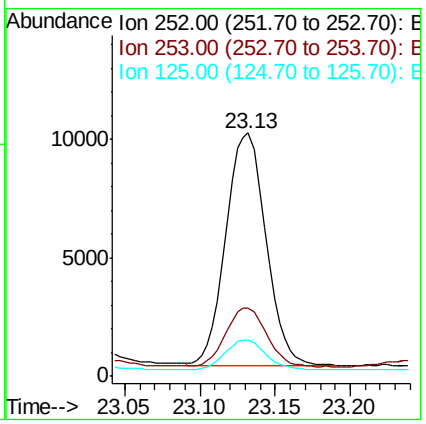


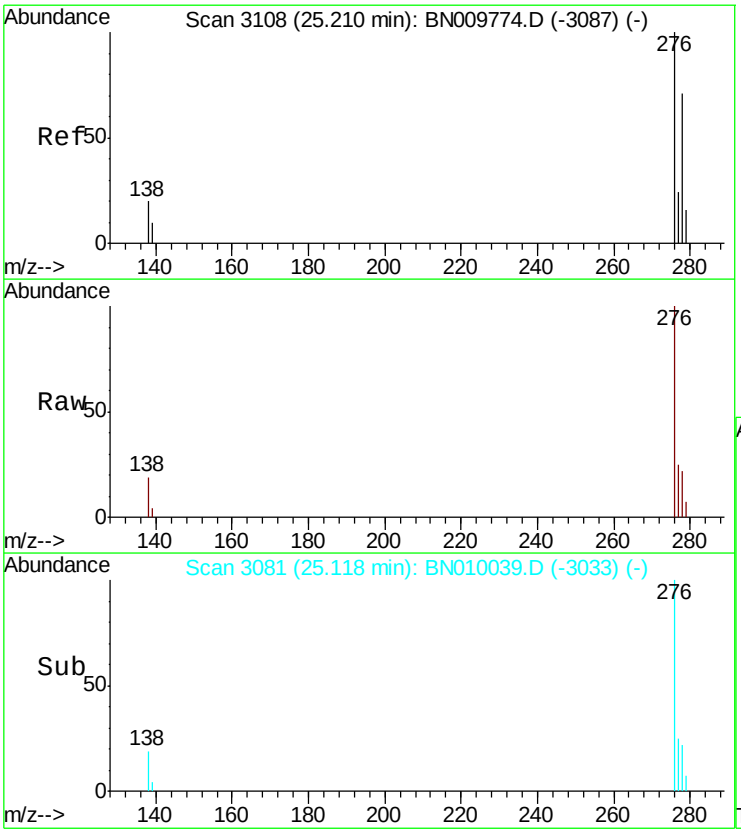
#37
Benzo(a)pyrene
Concen: 0.972 ng
RT: 23.13 min Scan# 2501
Delta R.T. 0.11 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 17925

Ion	Ratio	Lower	Upper
252	100		
253	28.0	24.6	36.8
125	14.9	14.3	21.5

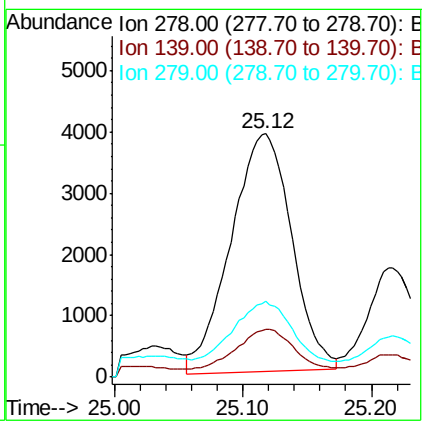


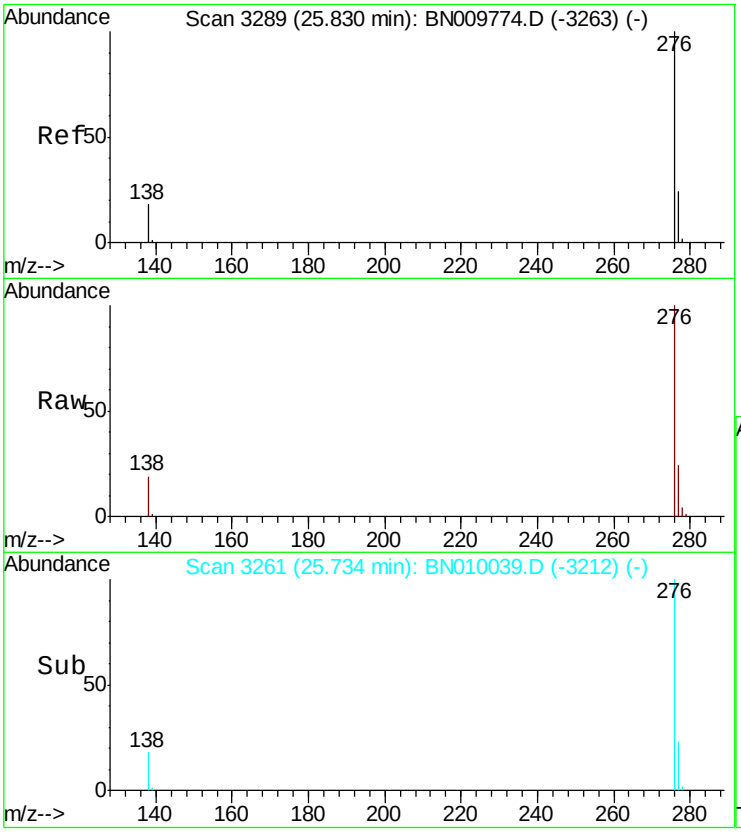


#38
Dibenzo(a,h)anthracene
Concen: 0.710 ng
RT: 25.12 min Scan# 3081
Delta R.T. -0.04 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Tgt Ion:278 Resp: 12887

Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.4	21.6
279	31.1	24.4	36.6





#39
Benzo(g,h,i)perylene
Concen: 2.498 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BN010039.D
Acq: 02 Mar 2020 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48303

Ion	Ratio	Lower	Upper
276	100		
277	23.9	21.4	32.0
138	18.9	17.0	25.4