Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010490.D
Acq On : 14 Apr 2020 22:42
Operator : CG/JU
Sample : L2178-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-1A

Quant Time: Apr 14 23:15:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3767	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	15087	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	25370	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	24842	0.40	ng		0.00
27) Chrysene-d12	21.17	240	25815	0.40	ng		-0.01
34) Perylene-d12	23.35	264	23599	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2201	0.27	ng		0.00
5) Phenol-d6	6.79	99	1296	0.12	ng		0.00
8) Nitrobenzene-d5	8.73	82	8299	0.79	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	10656	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	2943	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	28377	0.31	ng		0.00
25) Fluoranthene-d10	19.01	212	29759	0.40	ng		0.00
29) Terphenyl-d14	19.62	244	36304	0.61	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.41	128	54942	1.466	ng		95
12) 2-Methylnaphthalene	12.03	142	5648	0.210	ng	#	62
17) Acenaphthene	14.29	154	142287	2.020	ng		96
18) Fluorene	15.28	166	92759	1.006	ng	#	94
23) Phenanthrene	17.02	178	91091	1.358	ng		96
24) Anthracene	17.10	178	37347	0.609	ng	#	81
26) Fluoranthene	19.04	202	94965	1.137	ng		100
28) Pyrene	19.41	202	61924	0.713	ng	#	94
30) Benzo(a)anthracene	21.16	228	6280	0.075	ng	#	55
31) Chrysene	21.22	228	6345	0.076	ng	#	54
32) Bis(2-ethylhexyl)phthalate	21.12	149	4349	0.101	ng	#	92
35) Benzo(b)fluoranthene	22.71	252	2361	0.030	ng	#	6
36) Benzo(k)fluoranthene	22.75	252	1894	0.024	ng	#	1
37) Benzo(a)pyrene	23.25	252	2089	0.030	ng	#	1
39) Benzo(g,h,i)perylene	26.14	276	1487	0.023	ng	#	47

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

Quantitation Report (QT Reviewed)

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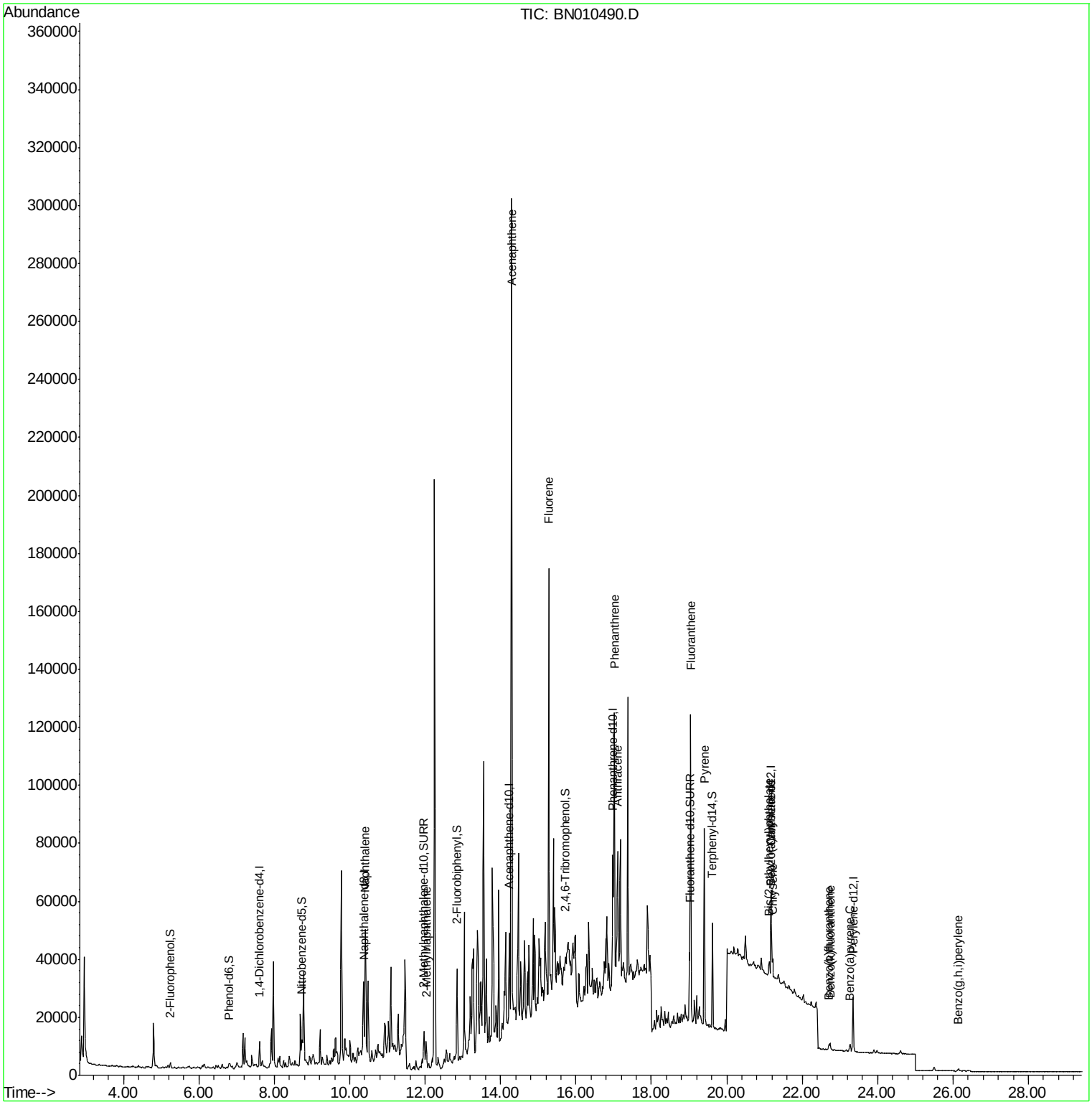
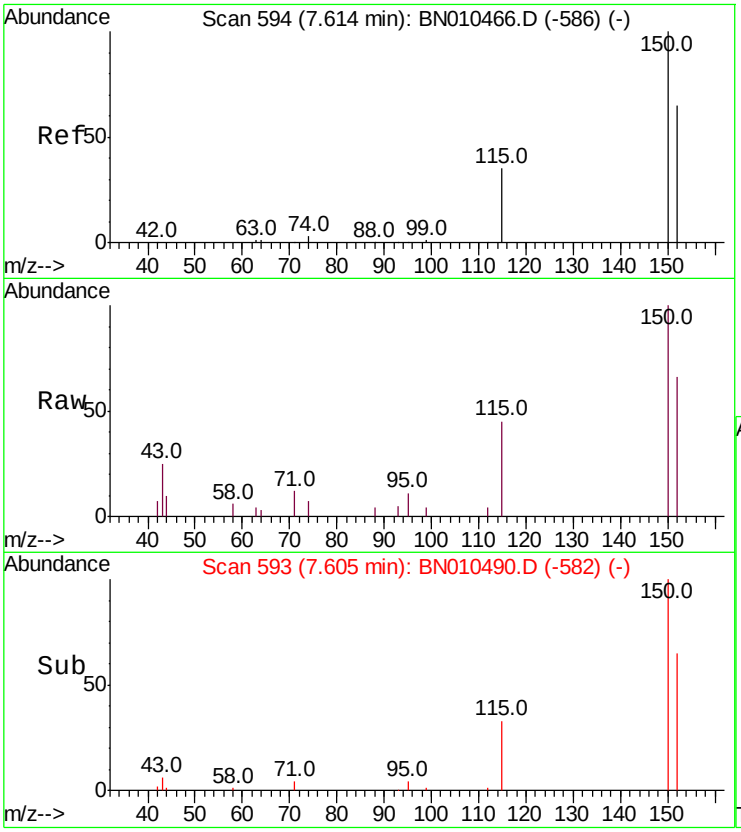
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration



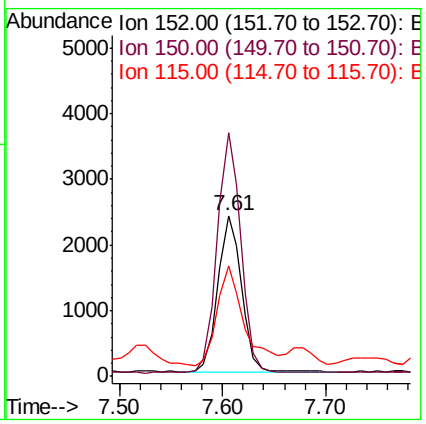


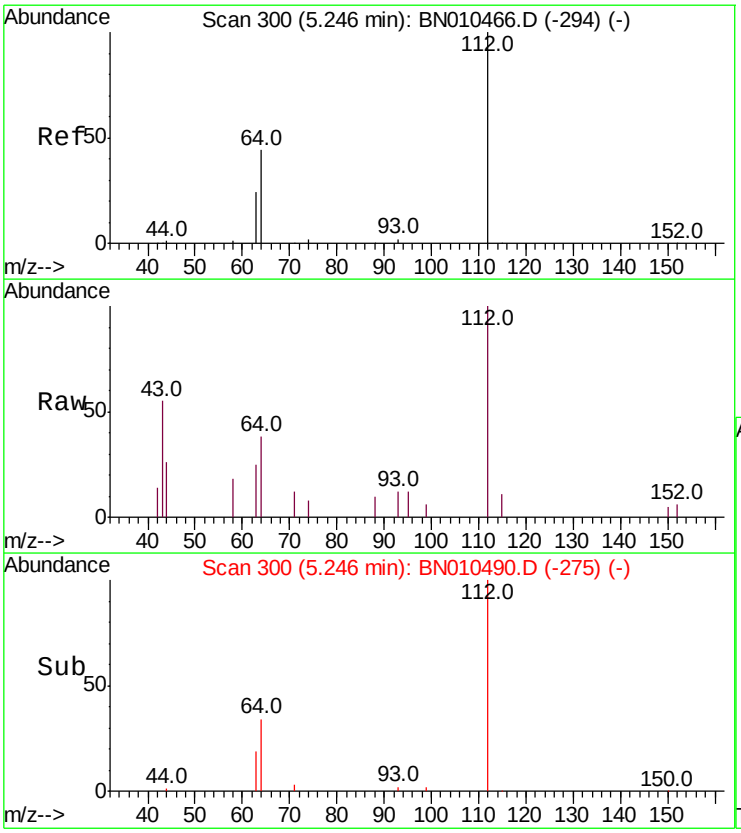
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:152 Resp: 3767

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.8	182.6
115	68.5	45.5	68.3#

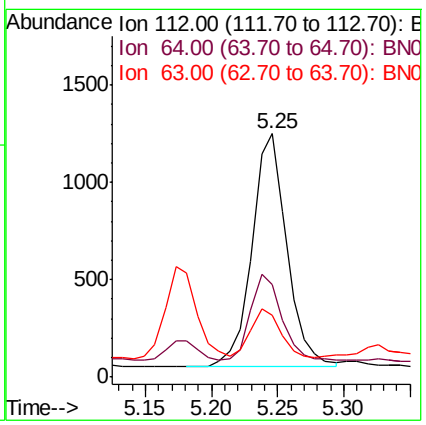


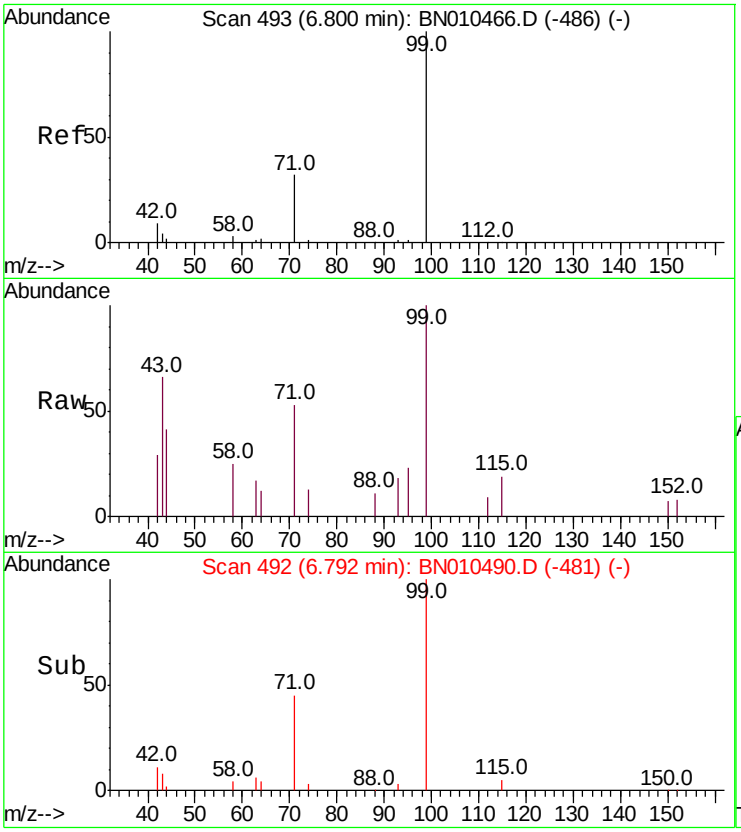


#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:112 Resp: 2201

Ion	Ratio	Lower	Upper
112	100		
64	35.2	35.8	53.8#
63	19.4	19.9	29.9#



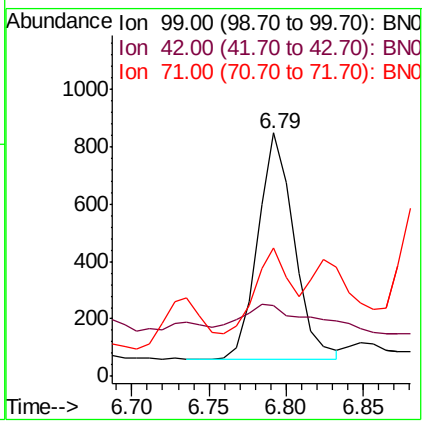


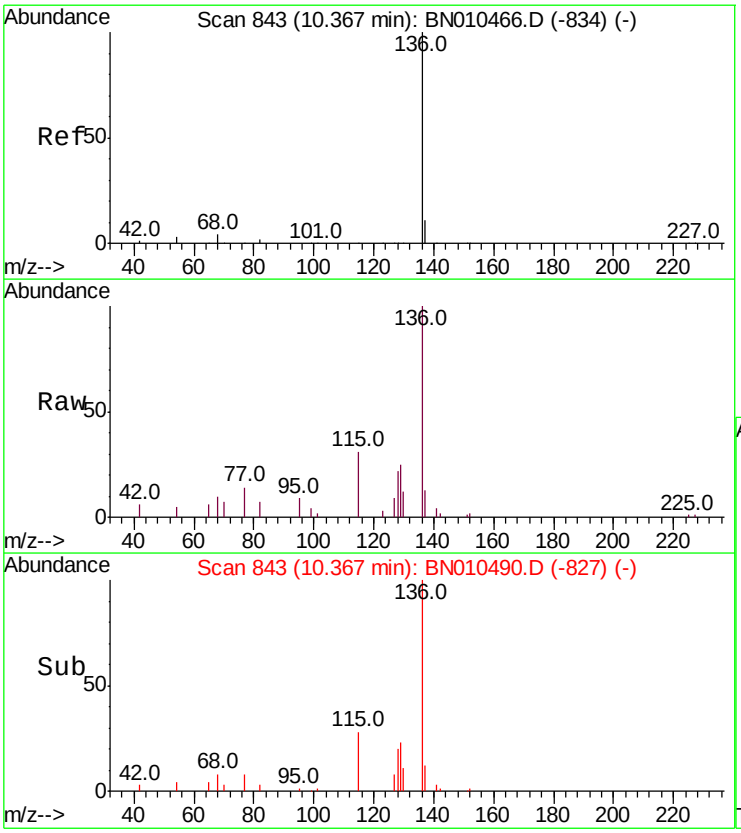
#5
Phenol-d6
Concen: 0.120 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion: 99 Resp: 1296

Ion	Ratio	Lower	Upper
99	100		
42	27.5	9.8	14.6#
71	46.1	27.8	41.8#

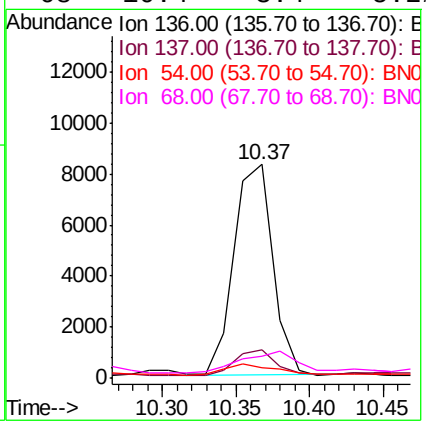


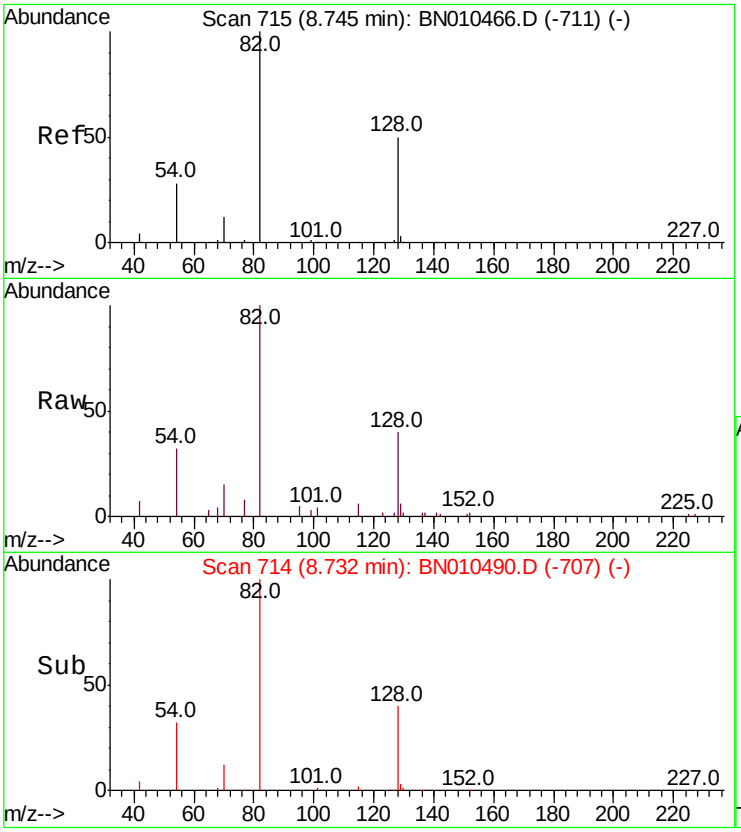


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:136 Resp: 15087

Ion	Ratio	Lower	Upper
136	100		
137	13.1	8.9	13.3
54	4.9	2.6	4.0#
68	10.4	3.4	5.2#



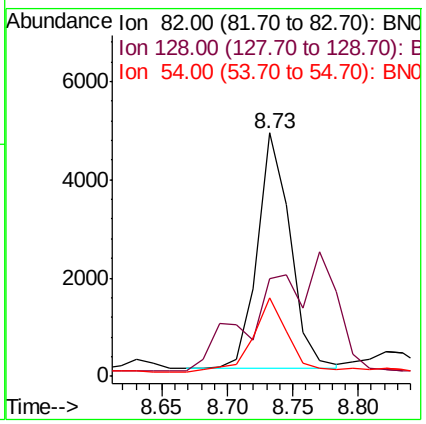


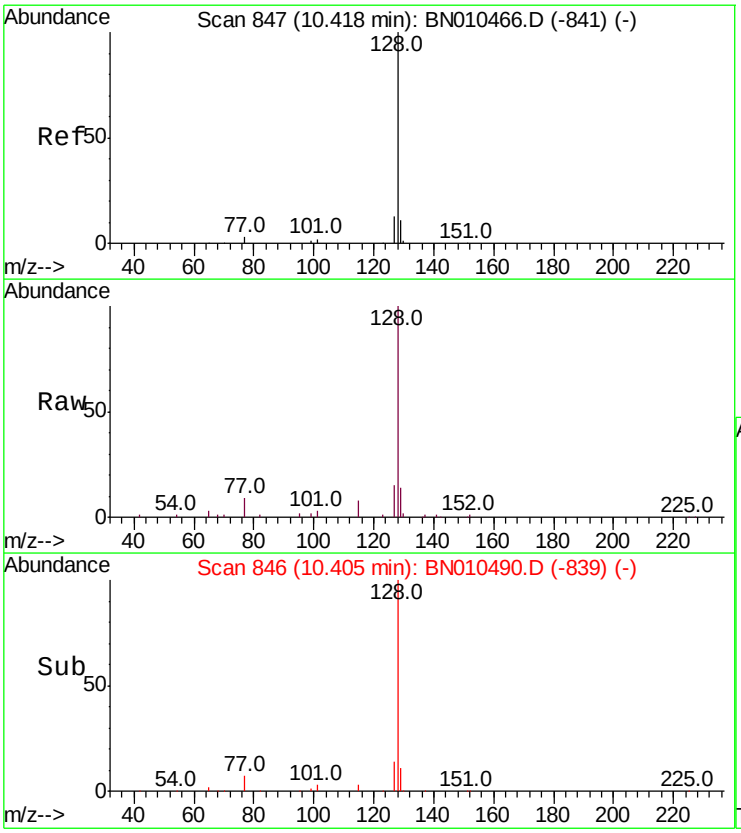
#8
Nitrobenzene-d5
Concen: 0.787 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion: 82 Resp: 8299

Ion	Ratio	Lower	Upper
82	100		
128	40.0	41.3	61.9#
54	32.5	23.4	35.0

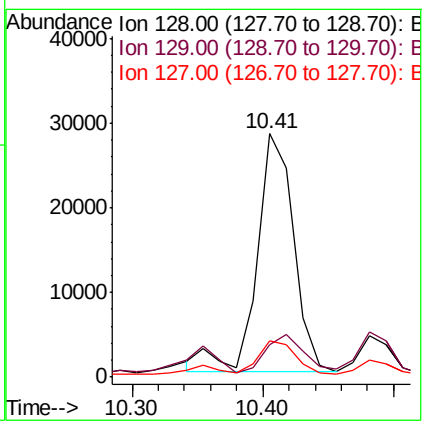


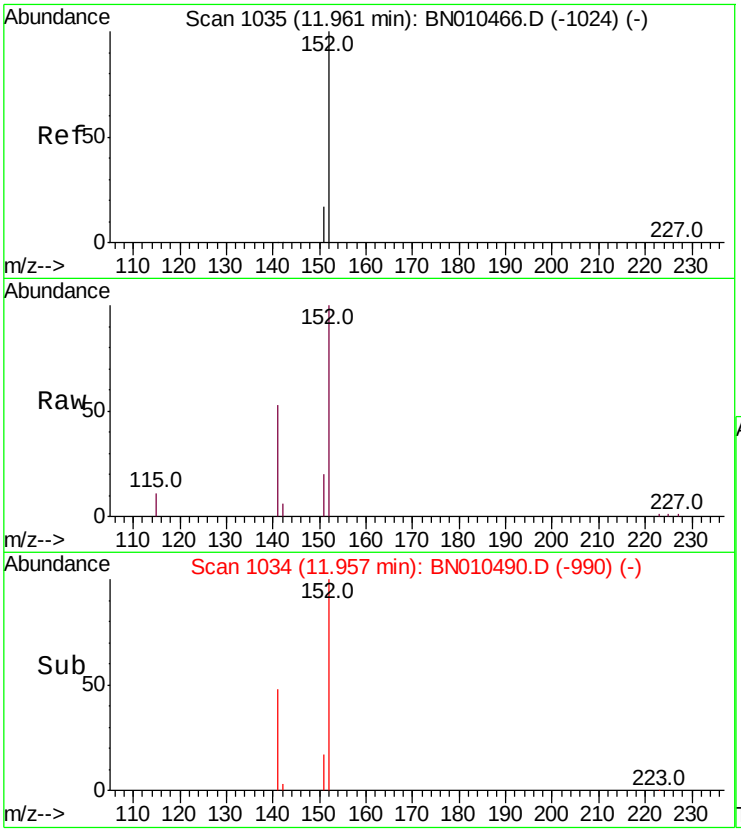


#9
Naphthalene
Concen: 1.466 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:128 Resp: 54942

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.3	13.9
127	14.8	10.5	15.7



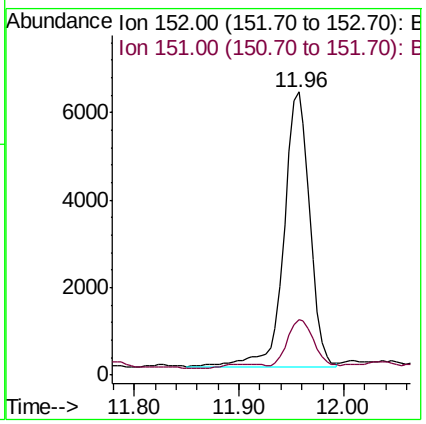


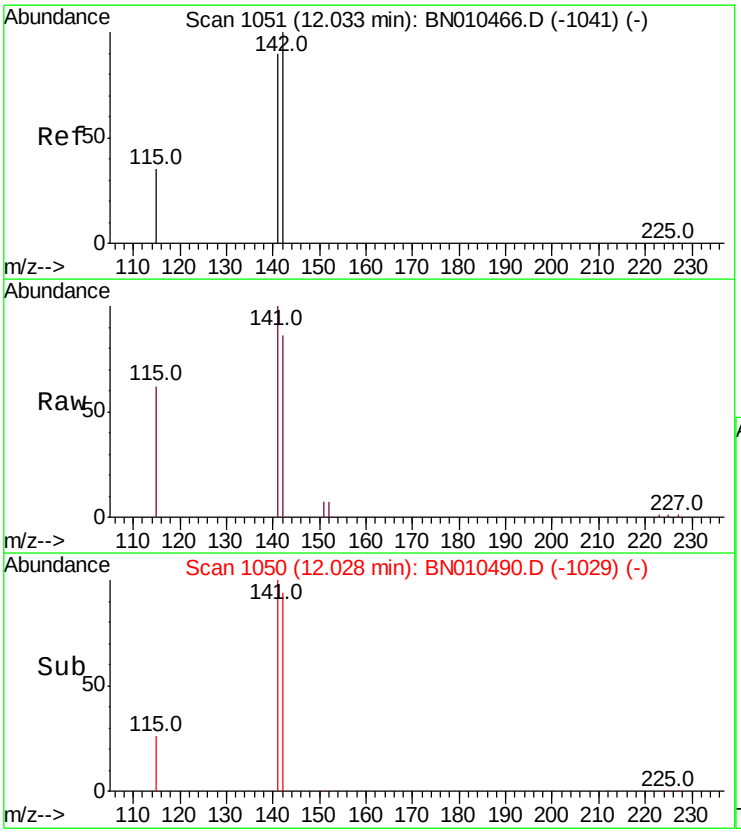
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:152 Resp: 10656

Ion	Ratio	Lower	Upper
152	100		
151	17.6	15.3	22.9

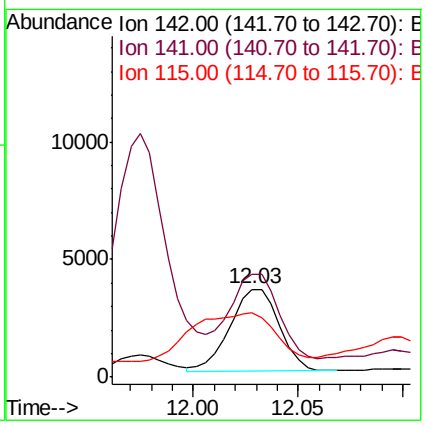


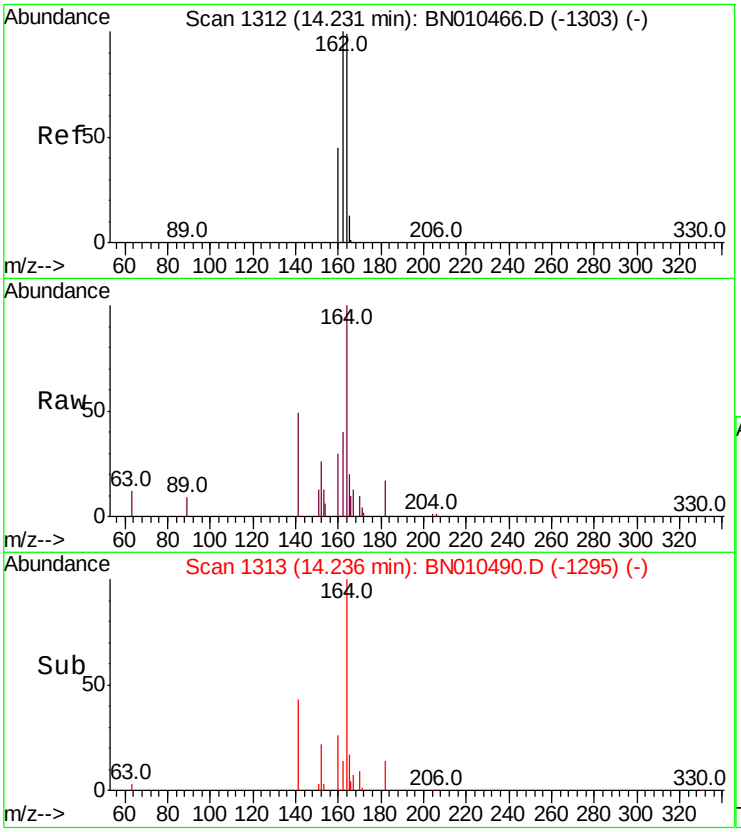


#12
2-Methylnaphthalene
Concen: 0.210 ng
RT: 12.03 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:142 Resp: 5648

Ion	Ratio	Lower	Upper
142	100		
141	116.8	71.9	107.9#
115	72.9	28.8	43.2#



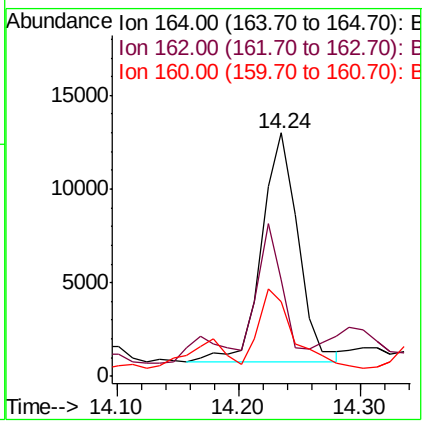


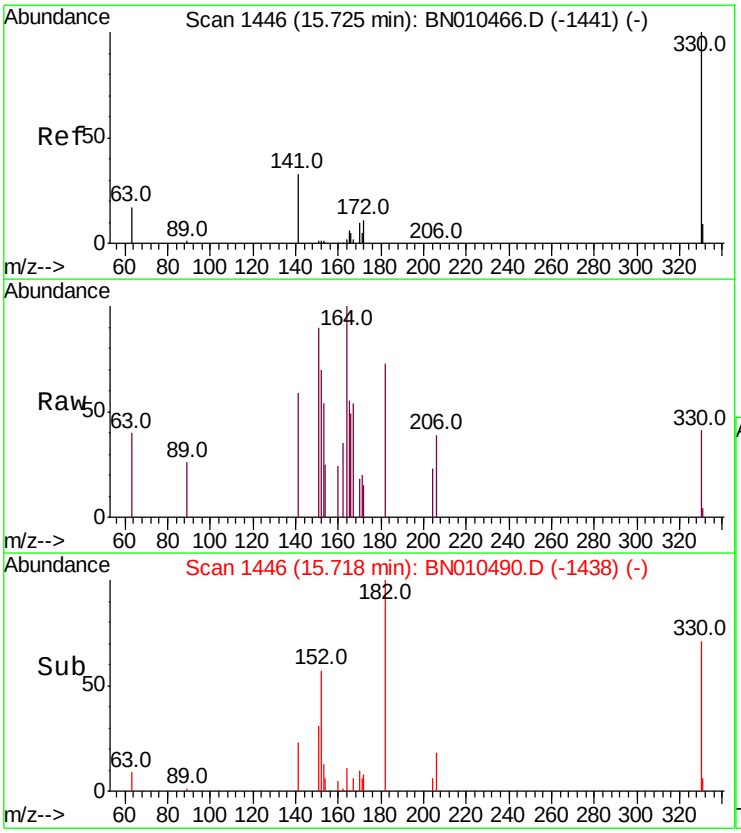
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:164 Resp: 25370

Ion	Ratio	Lower	Upper
164	100		
162	39.8	80.6	121.0#
160	30.4	36.5	54.7#

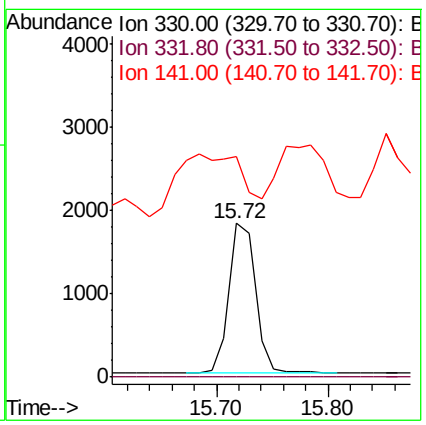


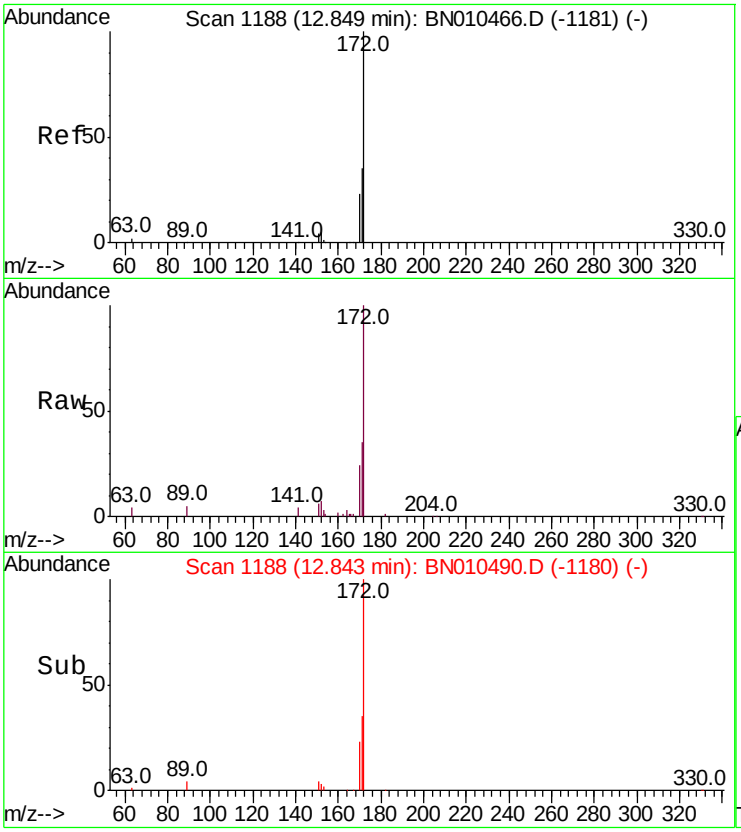


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.72 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:330 Resp: 2943

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	28.1	42.1#



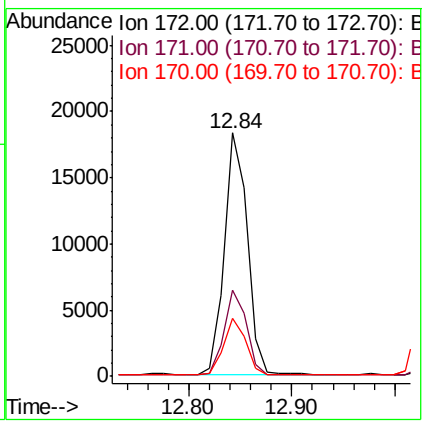


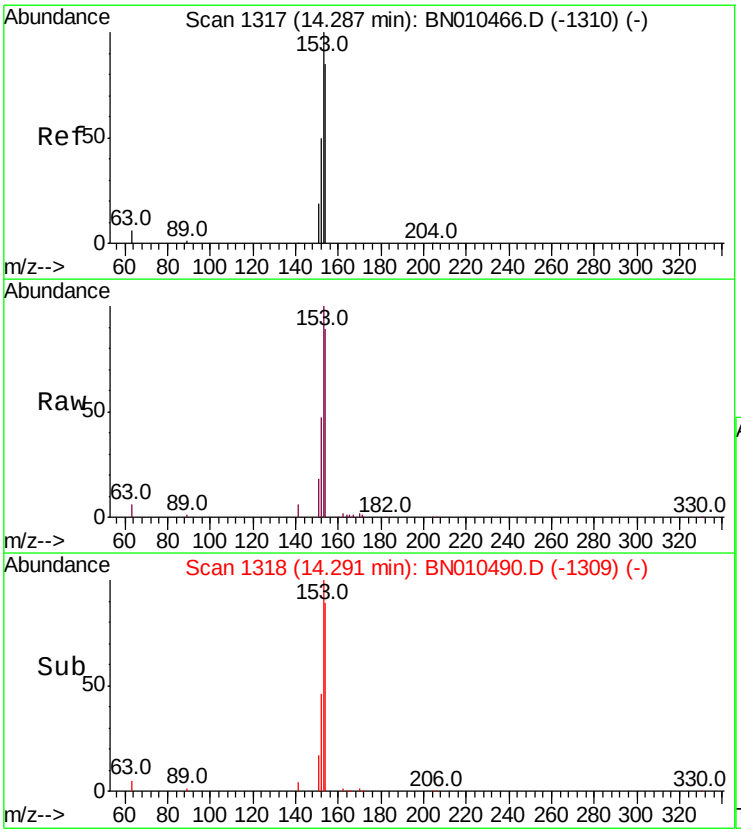
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:172 Resp: 28377

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.9	18.4	27.6

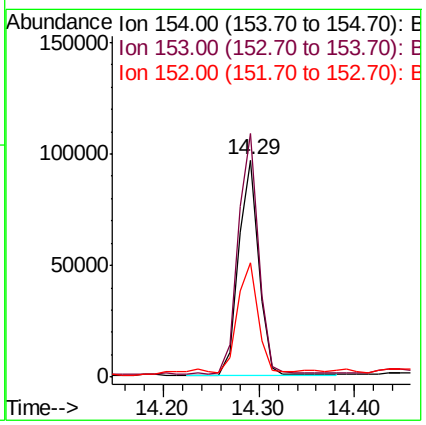


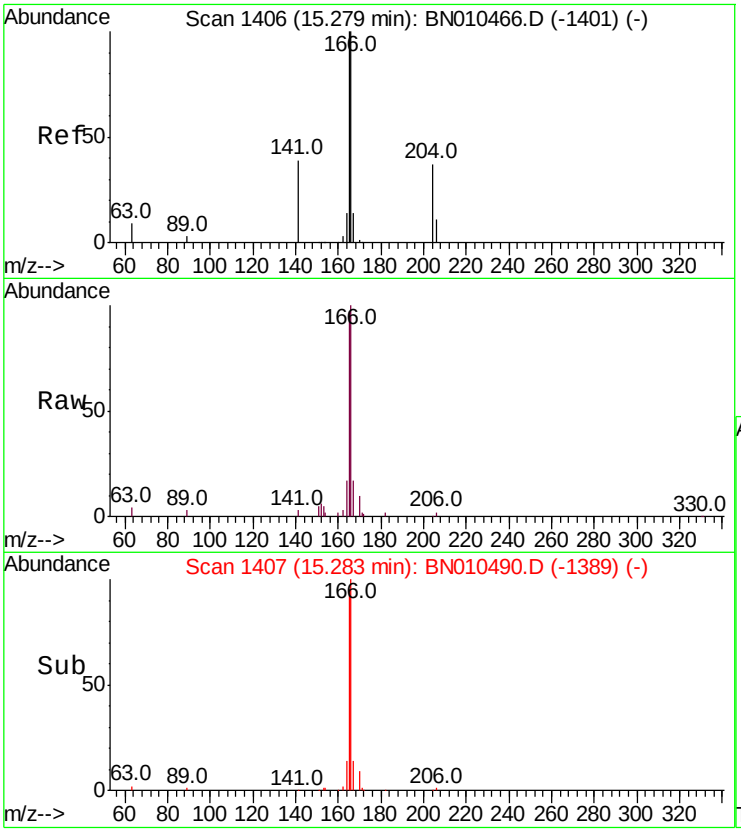


#17
Acenaphthene
Concen: 2.020 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:154 Resp: 142287

Ion	Ratio	Lower	Upper
154	100		
153	110.7	91.0	136.4
152	50.6	44.6	67.0



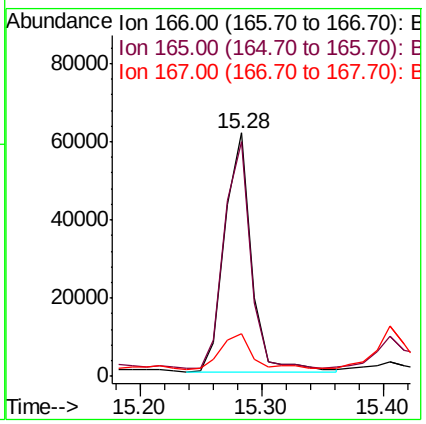


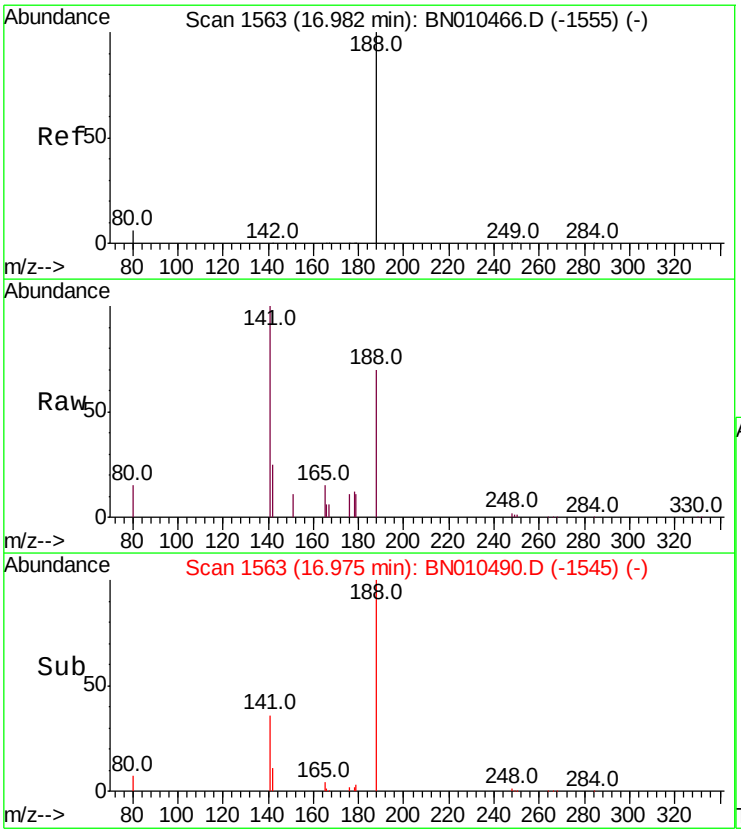
#18
Fluorene
Concen: 1.006 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:166 Resp: 92759

Ion	Ratio	Lower	Upper
166	100		
165	93.1	78.4	117.6
167	17.7	10.9	16.3#

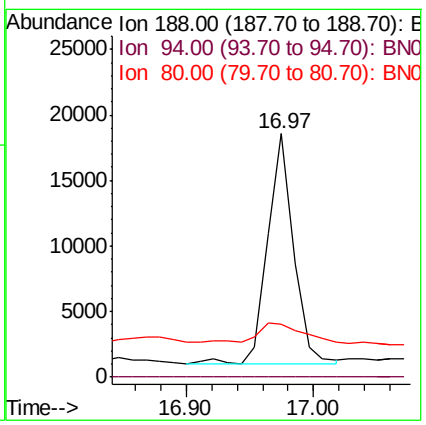


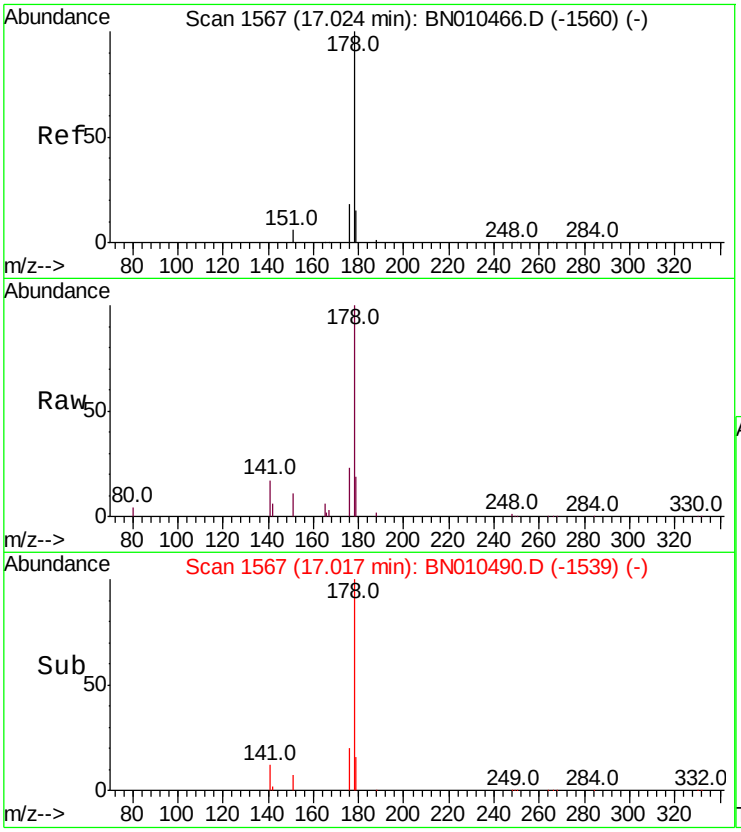


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:188 Resp: 24842

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	21.9	5.0	7.6#



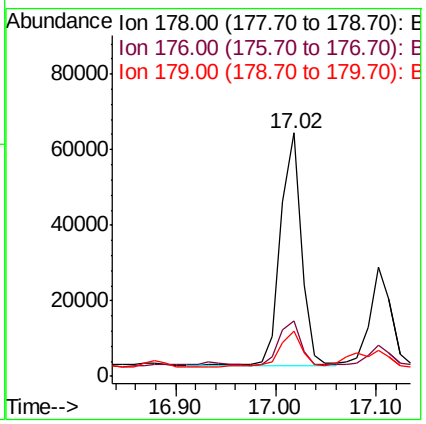


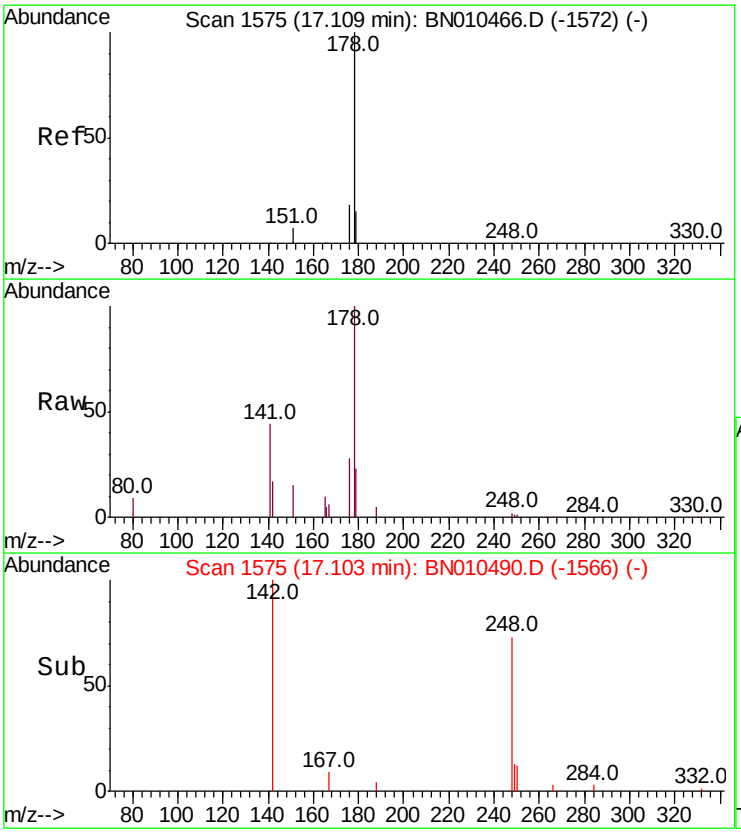
#23
Phenanthrene
Concen: 1.358 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:178 Resp: 91091

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.0	22.4
179	17.5	12.6	18.8

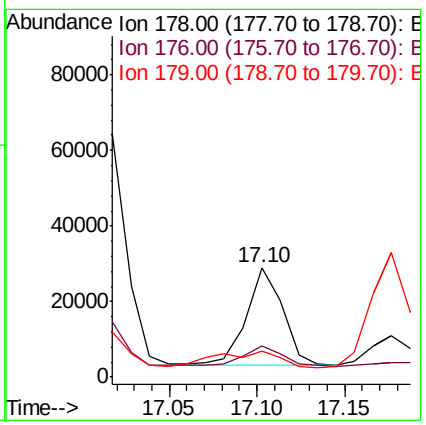


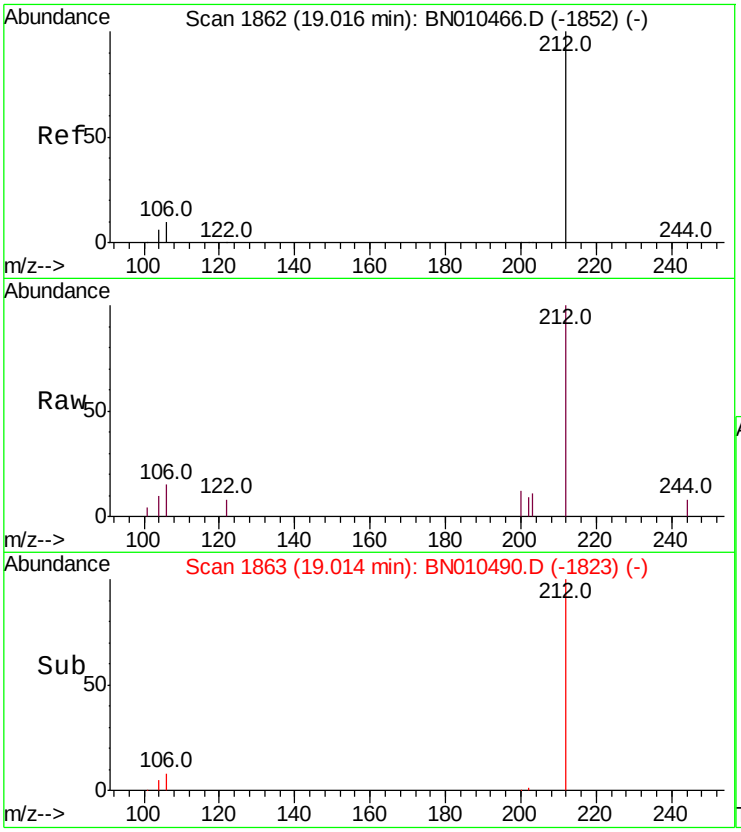


#24
Anthracene
Concen: 0.609 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:178 Resp: 37347

Ion	Ratio	Lower	Upper
178	100		
176	22.5	14.6	21.8#
179	28.1	12.2	18.2#



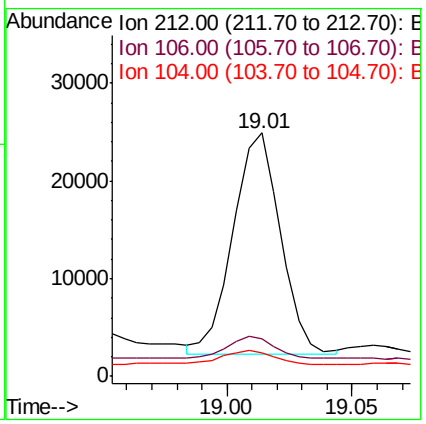


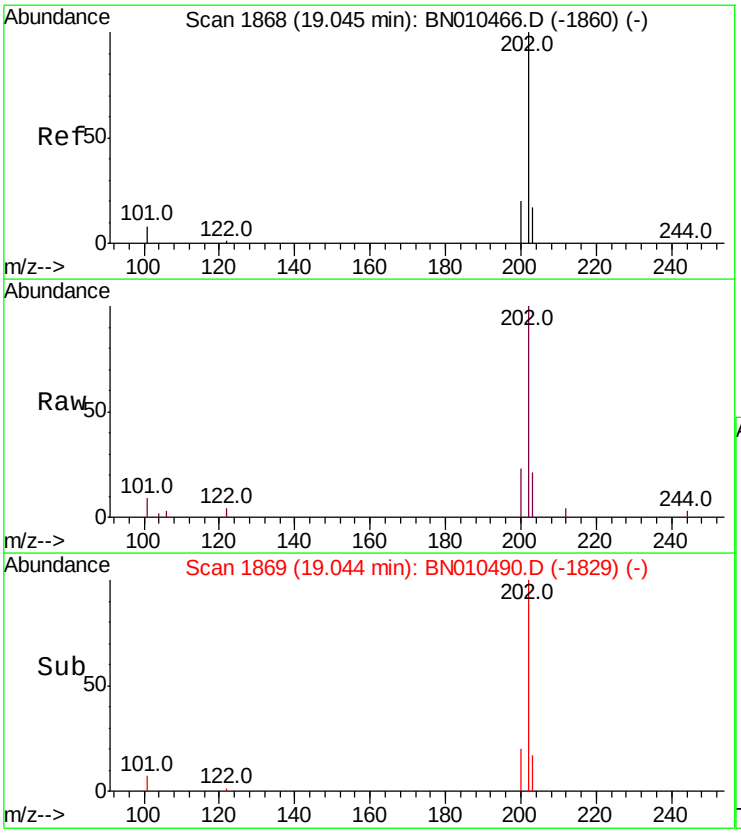
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:212 Resp: 29759

Ion	Ratio	Lower	Upper
212	100		
106	10.3	7.8	11.6
104	7.6	4.5	6.7#

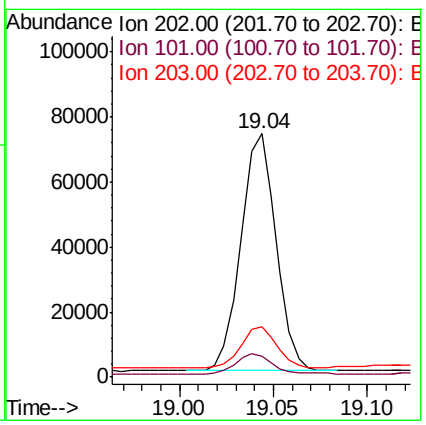


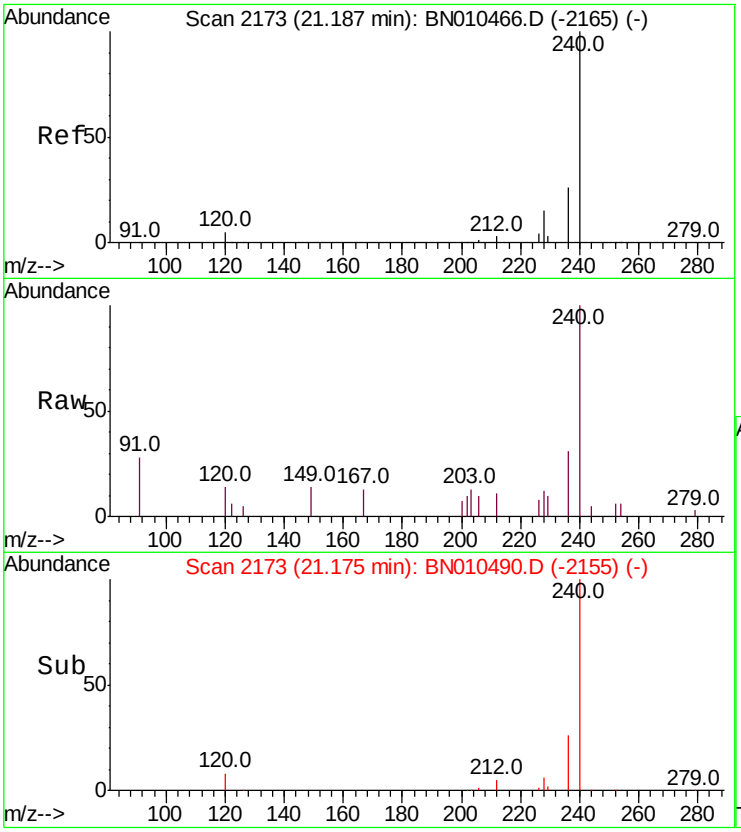


#26
Fluoranthene
Concen: 1.137 ng
RT: 19.04 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:202 Resp: 94965

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
203	17.4	13.9	20.9



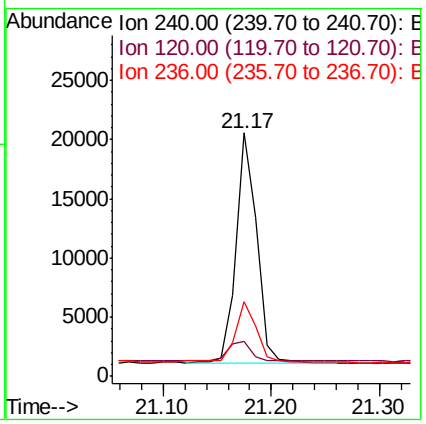


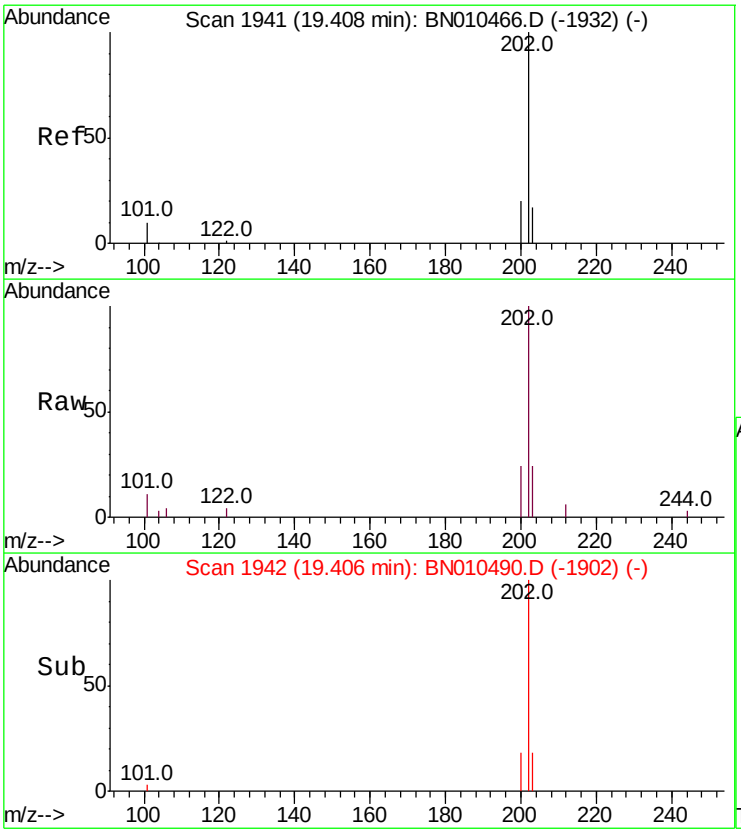
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:240 Resp: 25815

Ion	Ratio	Lower	Upper
240	100		
120	14.2	4.8	7.2#
236	30.6	21.4	32.0

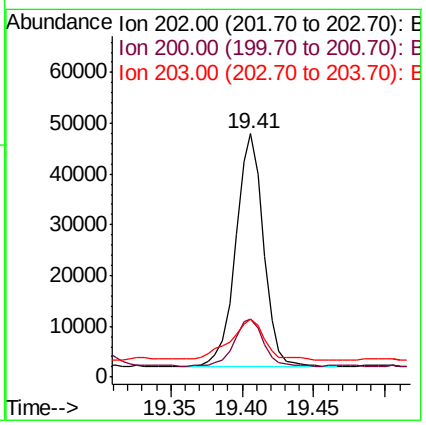


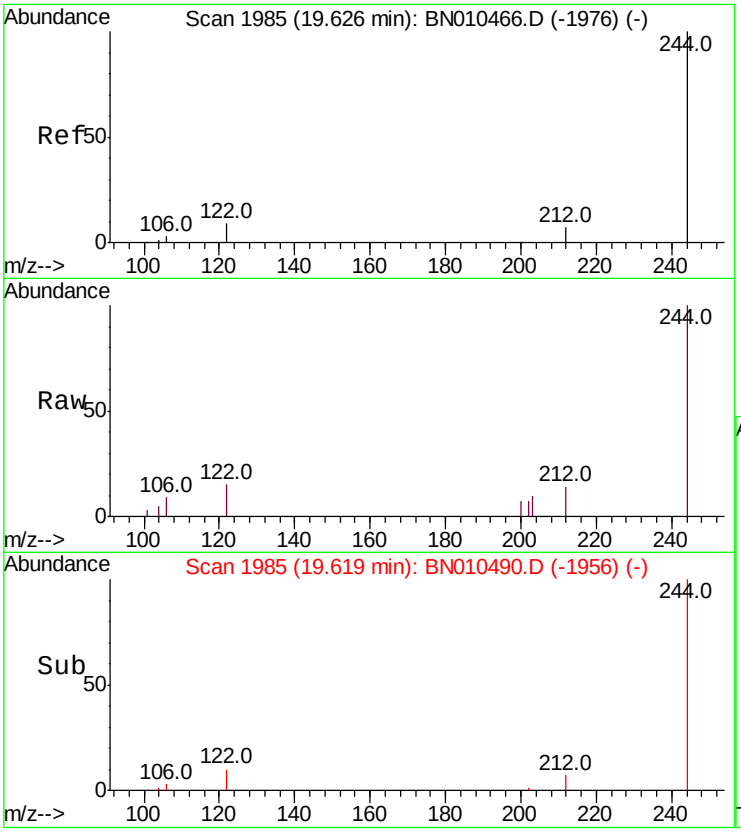


#28
Pyrene
Concen: 0.713 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:202 Resp: 61924

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	22.5	14.0	21.0#



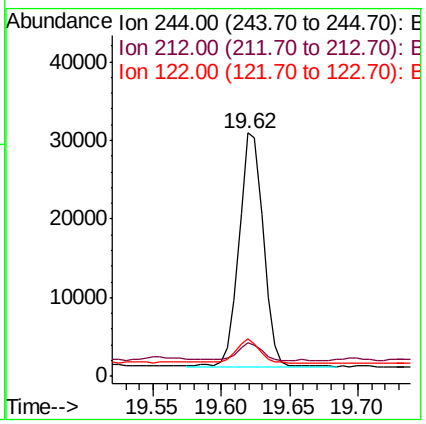


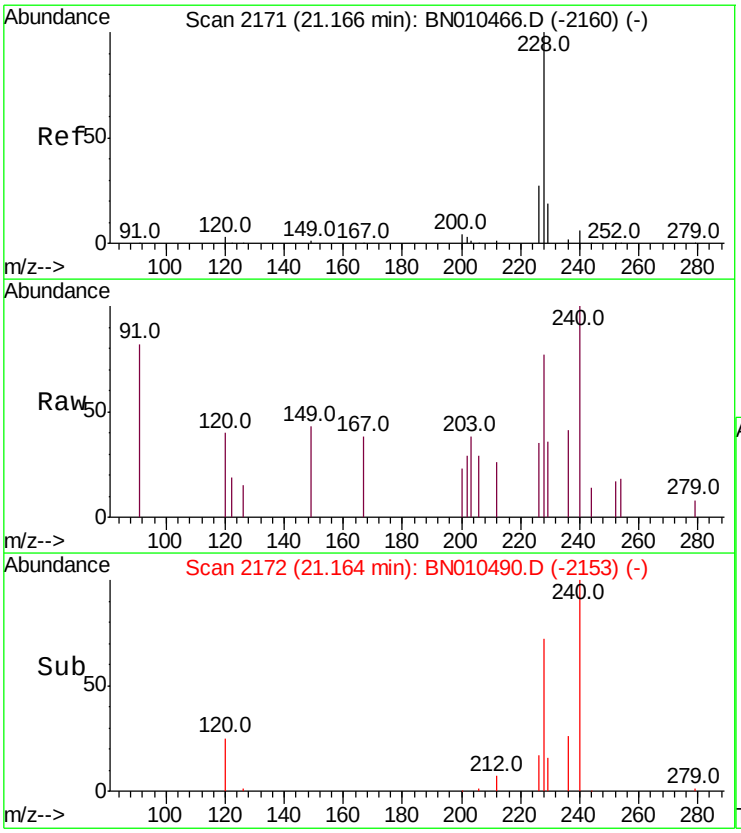
#29
Terphenyl-d14
Concen: 0.614 ng
RT: 19.62 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:244 Resp: 36304

Ion	Ratio	Lower	Upper
244	100		
212	13.6	6.2	9.4#
122	15.3	7.8	11.8#

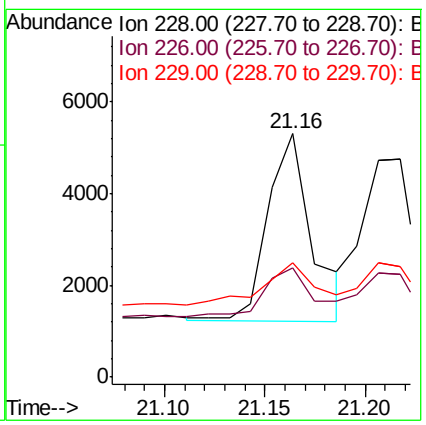


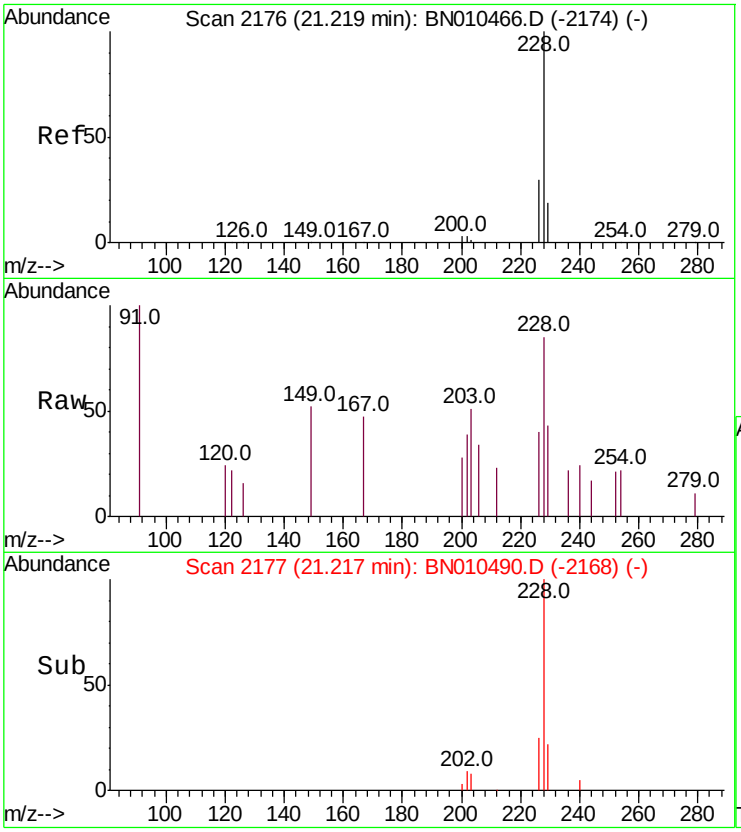


#30
Benzo(a)anthracene
Concen: 0.075 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:228 Resp: 6280

Ion	Ratio	Lower	Upper
228	100		
226	44.7	21.7	32.5#
229	46.7	15.6	23.4#



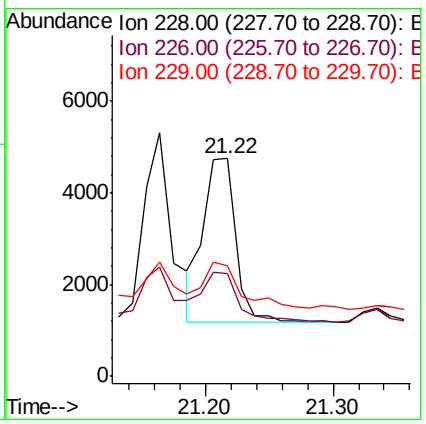


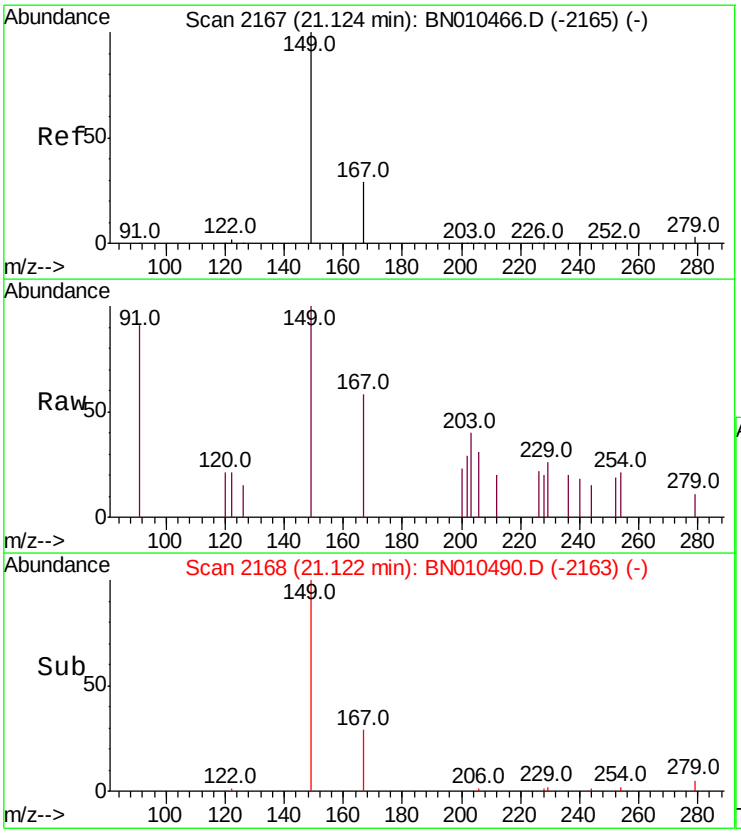
#31
Chrysene
Concen: 0.076 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:228 Resp: 6345

Ion	Ratio	Lower	Upper
228	100		
226	47.0	24.0	36.0#
229	51.0	15.8	23.6#

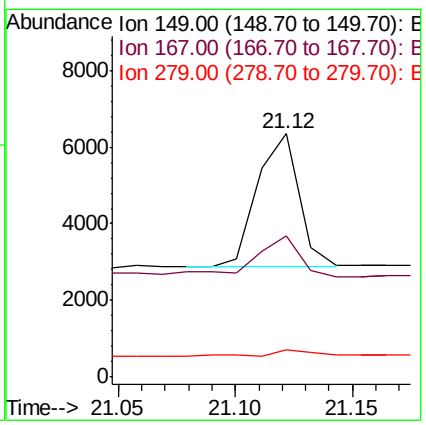


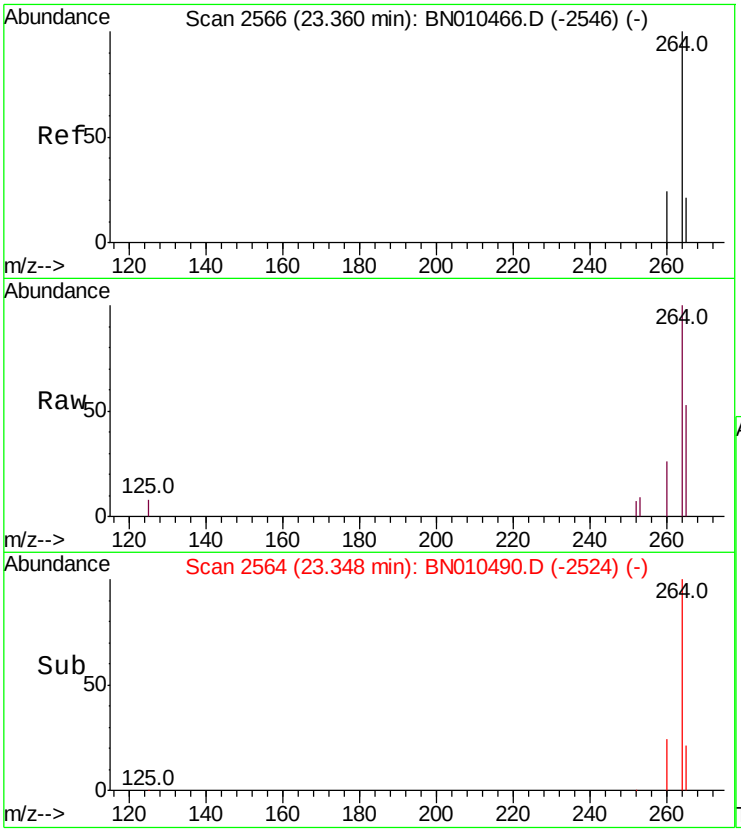


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:149 Resp: 4349

Ion	Ratio	Lower	Upper
149	100		
167	33.5	23.4	35.0
279	7.3	4.0	6.0#



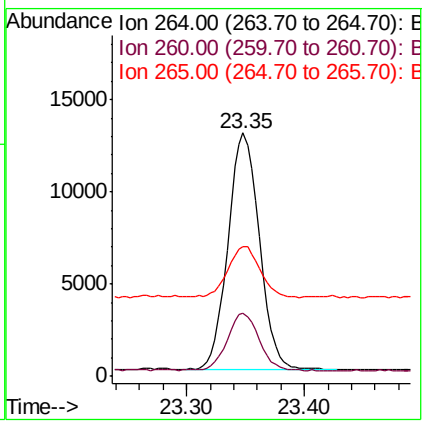


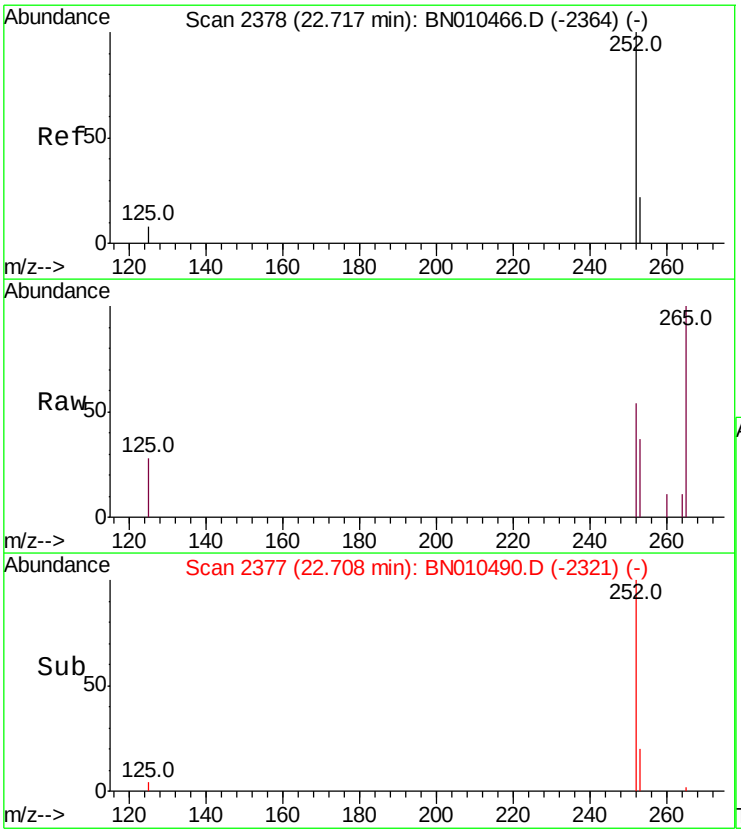
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:264 Resp: 23599

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.8
265	53.1	42.3	63.5

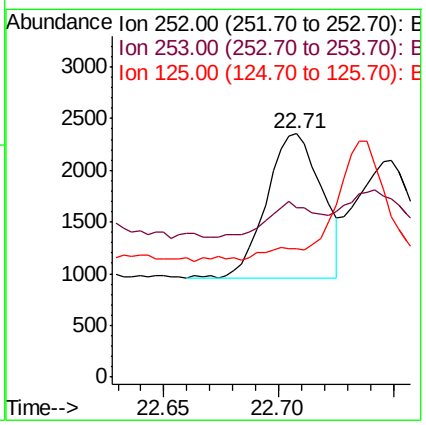


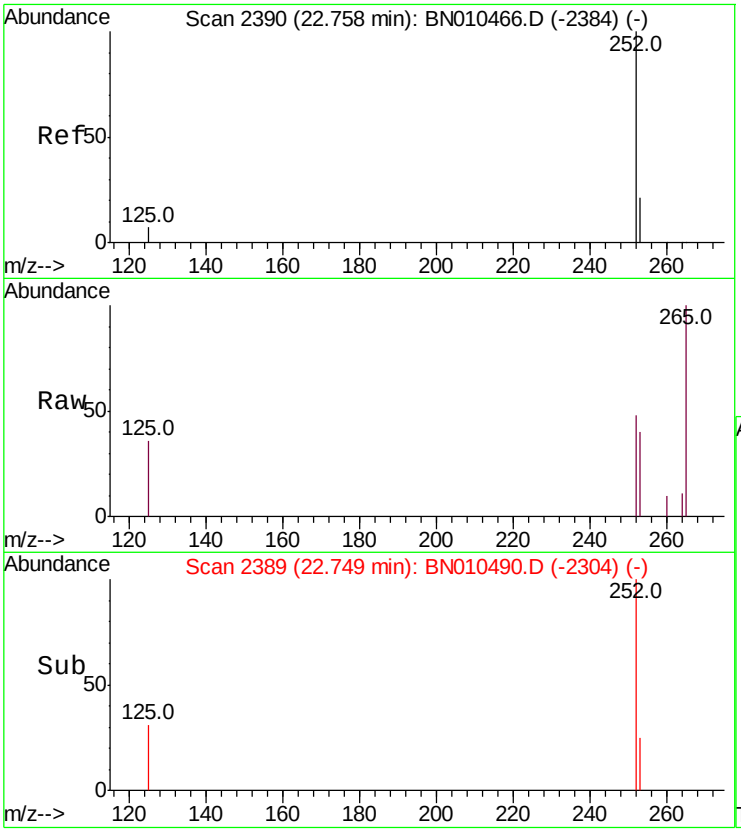


#35
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:252 Resp: 2361

Ion	Ratio	Lower	Upper
252	100		
253	69.8	20.2	30.4#
125	52.7	9.2	13.8#



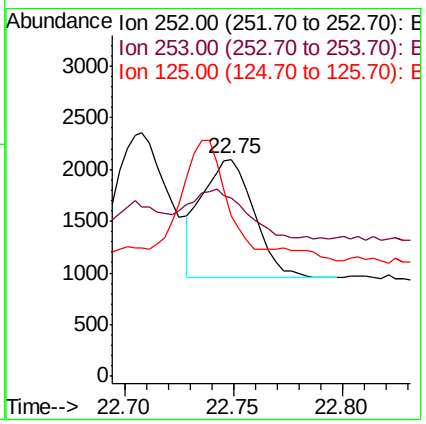


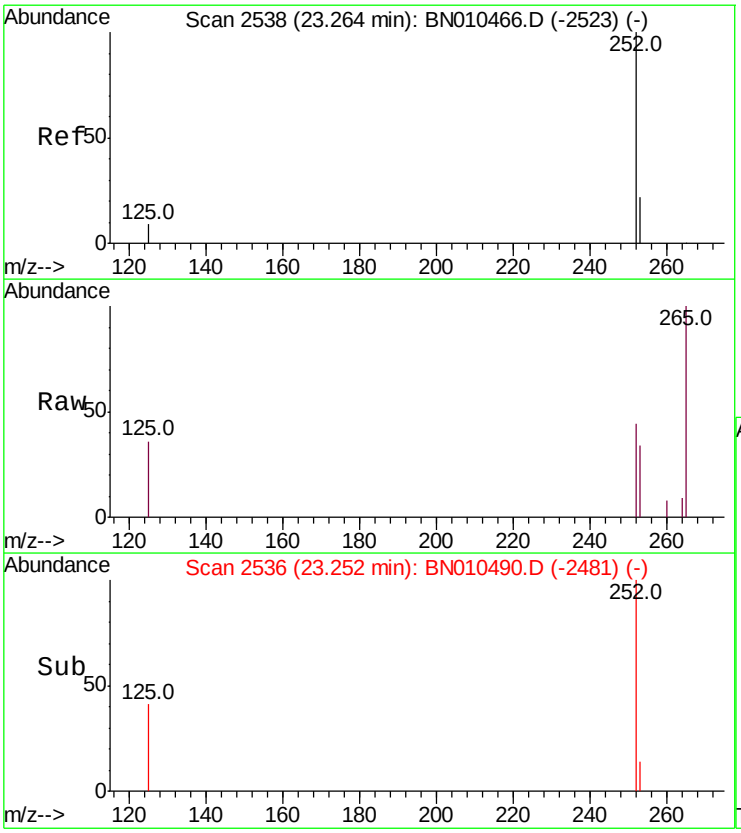
#36
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:252 Resp: 1894

Ion	Ratio	Lower	Upper
252	100		
253	82.1	20.1	30.1#
125	74.0	9.6	14.4#

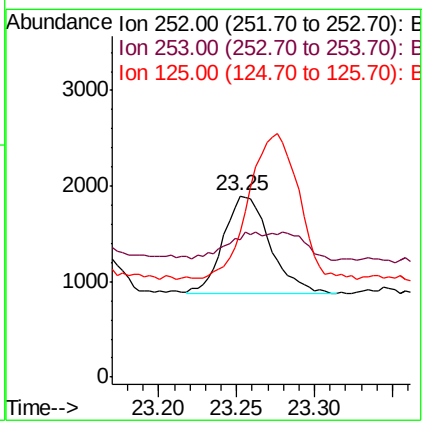


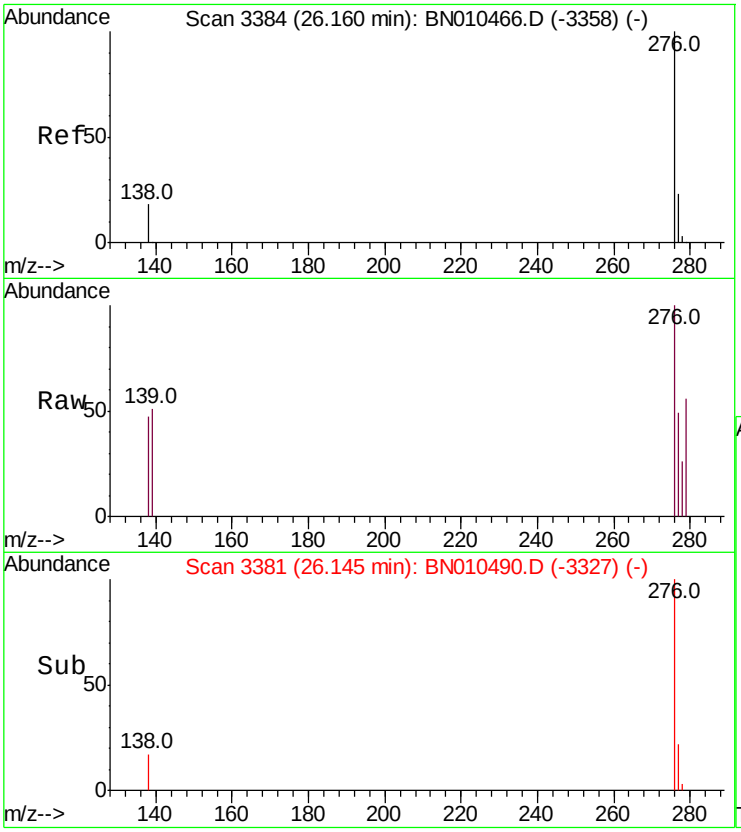


#37
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Tgt Ion:252 Resp: 2089

Ion	Ratio	Lower	Upper
252	100		
253	75.7	21.8	32.8#
125	80.4	11.0	16.6#





#39
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 26.14 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN010490.D
Acq: 14 Apr 2020 22:42

Instrument :
BNA_N
ClientSampleId :
MW-1A

Tgt Ion:276 Resp: 1487

Ion	Ratio	Lower	Upper
276	100		
277	49.1	20.2	30.2#
138	46.8	15.4	23.2#