Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010488.D
Acq On : 14 Apr 2020 21:29
Operator : CG/JU
Sample : L2178-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 14 22:42:17 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	4883	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	19527	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	12587	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	28922	0.40	ng		0.00
27) Chrysene-d12	21.17	240	26374	0.40	ng		-0.01
34) Perylene-d12	23.35	264	23338	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2405	0.22	ng		0.00
5) Phenol-d6	6.79	99	1780	0.13	ng		0.00
8) Nitrobenzene-d5	8.73	82	10947	0.80	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	13263	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	3281	0.55	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	38532	0.84	ng		0.00
25) Fluoranthene-d10	19.01	212	37320	0.43	ng		0.00
29) Terphenyl-d14	19.62	244	54814	0.91	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.41	128	20101	0.414	ng		98
12) 2-Methylnaphthalene	12.03	142	8917	0.256	ng		99
17) Acenaphthene	14.29	154	104669	2.996	ng		99
18) Fluorene	15.28	166	83690	1.829	ng		99
22) Pentachlorophenol	16.63	266	149	0.021	ng	#	80
23) Phenanthrene	17.02	178	472229	6.046	ng		100
24) Anthracene	17.10	178	106667	1.494	ng	#	95
26) Fluoranthene	19.04	202	229801	2.364	ng		100
28) Pyrene	19.41	202	158605	1.787	ng	#	92
30) Benzo(a)anthracene	21.16	228	14958	0.174	ng	#	86
31) Chrysene	21.21	228	10933	0.128	ng	#	77
32) Bis(2-ethylhexyl)phthalate	21.12	149	3783	0.086	ng		98
33) Indeno(1,2,3-cd)pyrene	25.49	276	2160	0.029	ng	#	90
35) Benzo(b)fluoranthene	22.70	252	3383	0.044	ng	#	35
36) Benzo(k)fluoranthene	22.75	252	2730	0.035	ng	#	1
37) Benzo(a)pyrene	23.26	252	2599	0.038	ng	#	17
38) Dibenzo(a,h)anthracene	25.50	278	1634	0.026	ng	#	33
39) Benzo(g,h,i)perylene	26.14	276	2137	0.034	ng	#	71

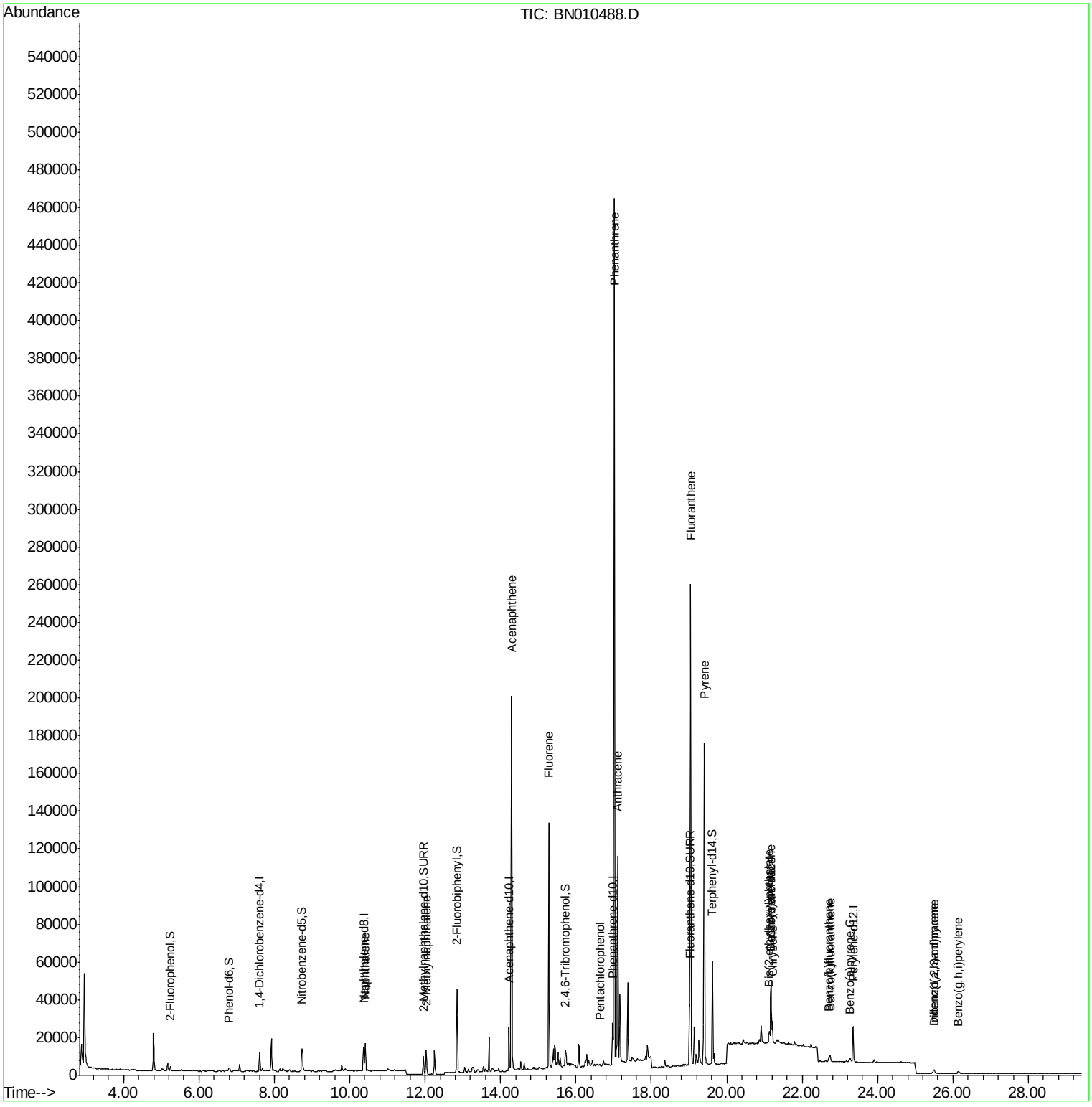
(#) = qualifier out of range (m) = manual integration (+) = signals summed

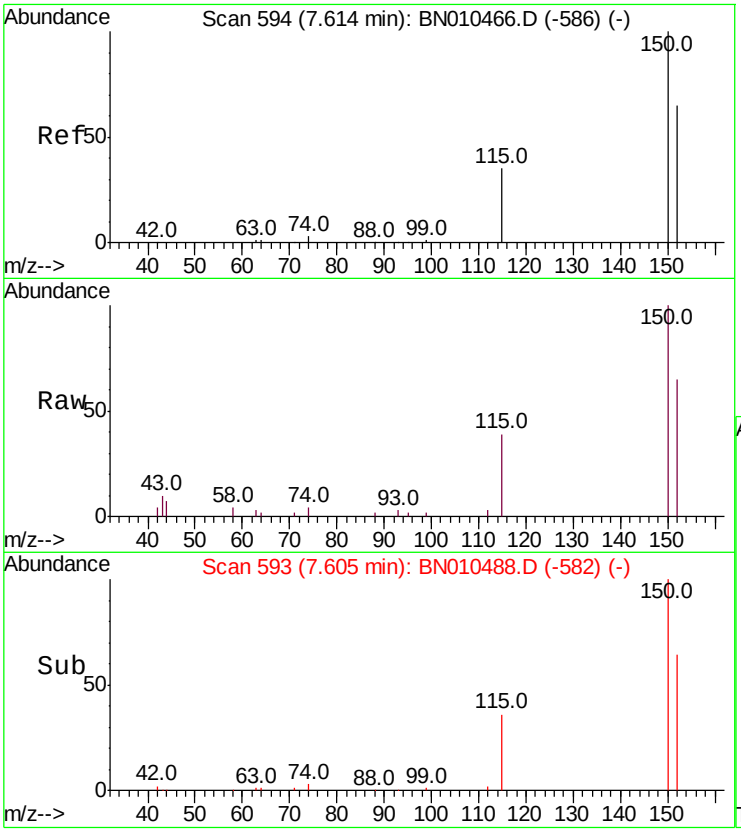
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010488.D
Acq On : 14 Apr 2020 21:29
Operator : CG/JU
Sample : L2178-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 14 22:42:17 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



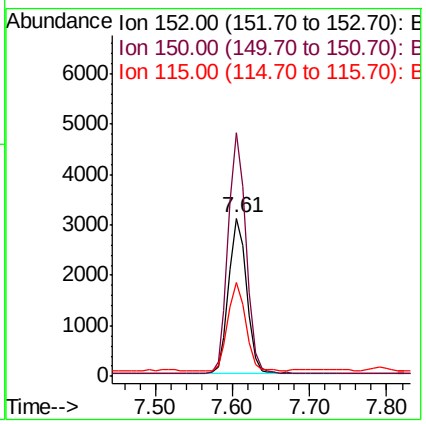


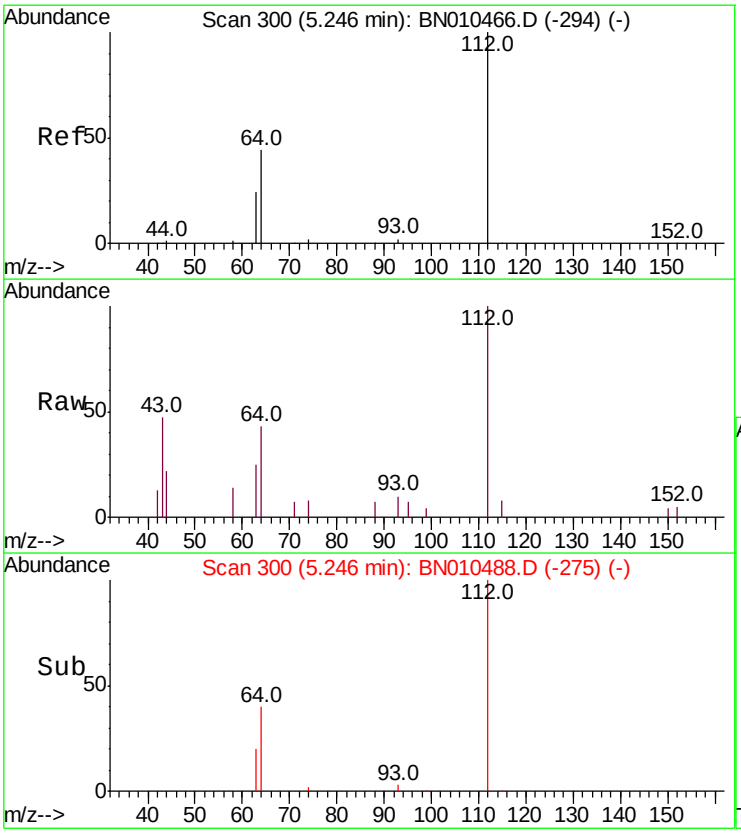
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4883

Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.6
115	59.6	45.5	68.3

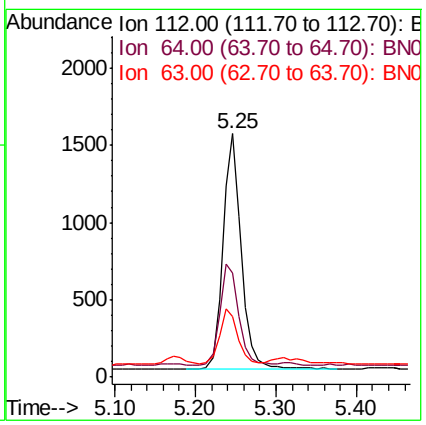


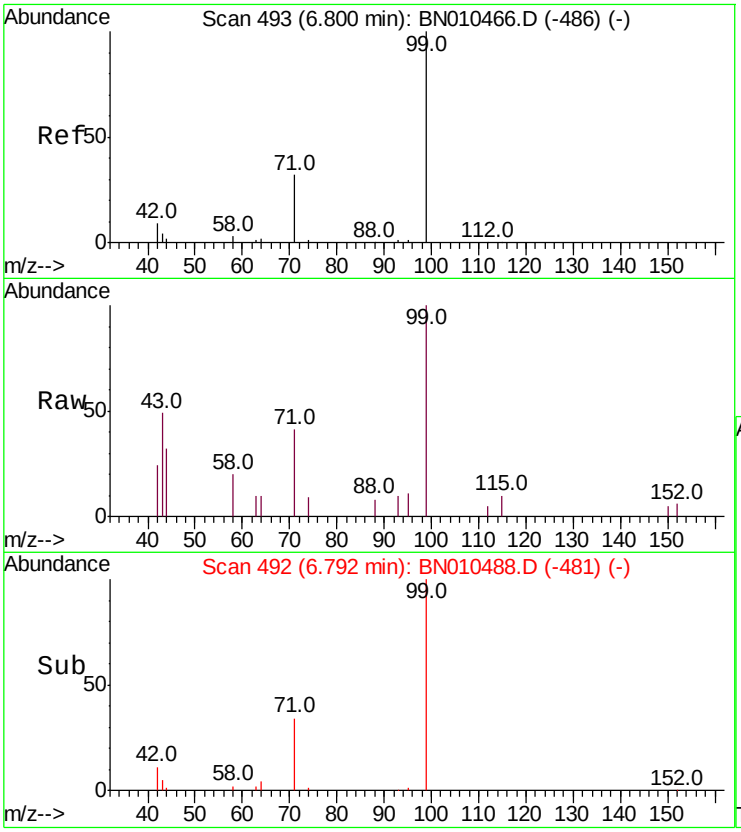


#4
2-Fluorophenol
Concen: 0.225 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:112 Resp: 2405

Ion	Ratio	Lower	Upper
112	100		
64	44.2	35.8	53.8
63	23.2	19.9	29.9



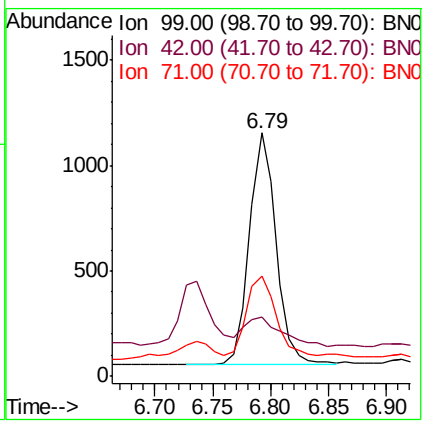


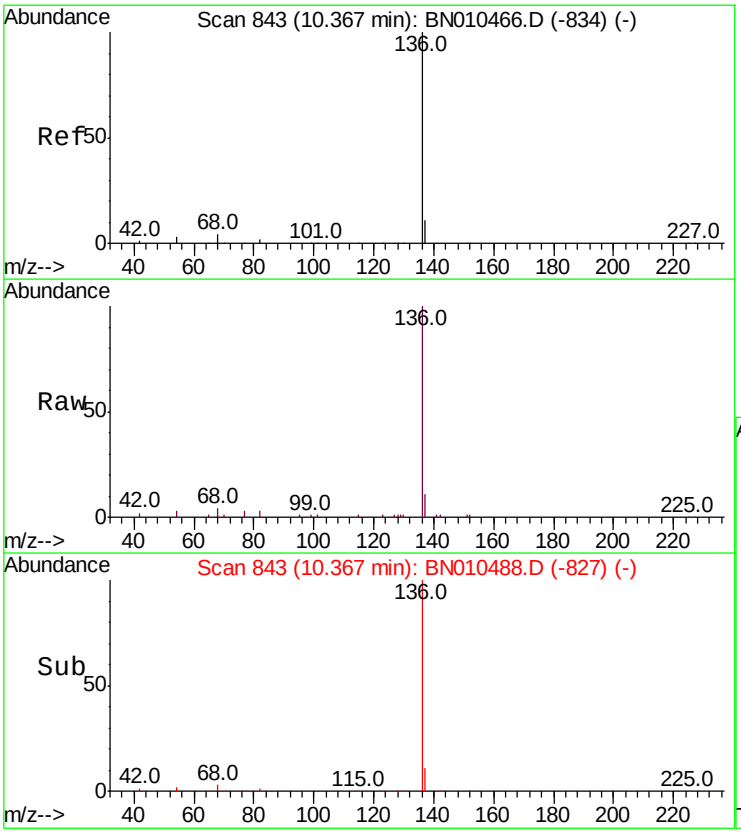
#5
Phenol-d6
Concen: 0.127 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1780

Ion	Ratio	Lower	Upper
99	100		
42	16.5	9.8	14.6#
71	36.5	27.8	41.8

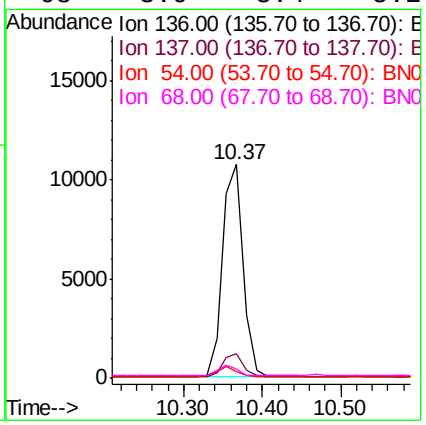


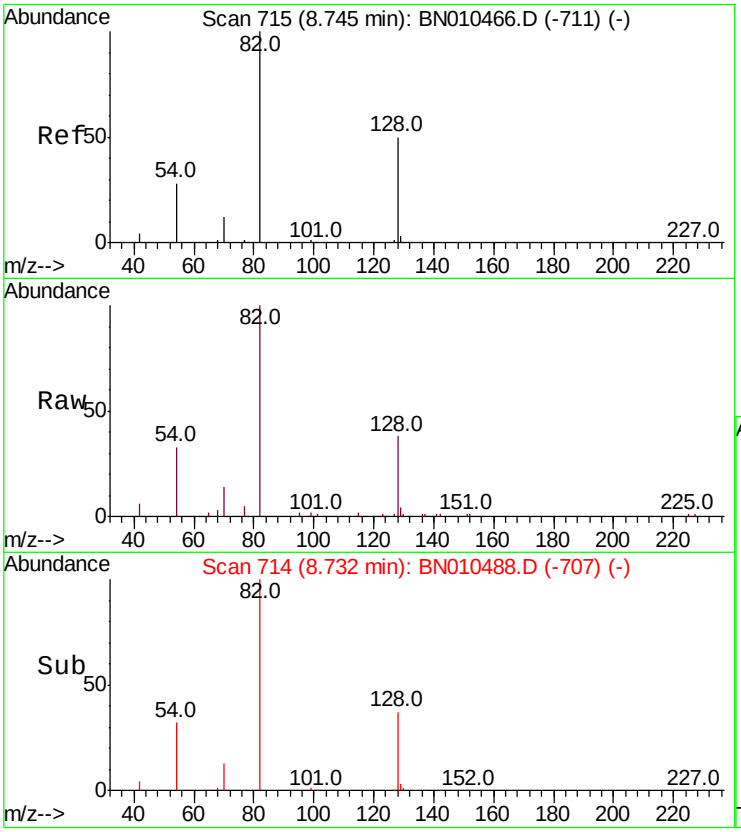


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:136 Resp: 19527

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	2.9	2.6	4.0
68	3.9	3.4	5.2



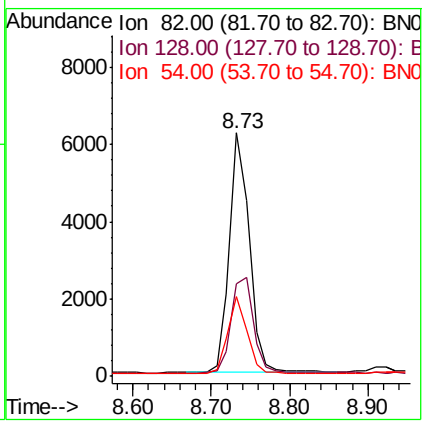


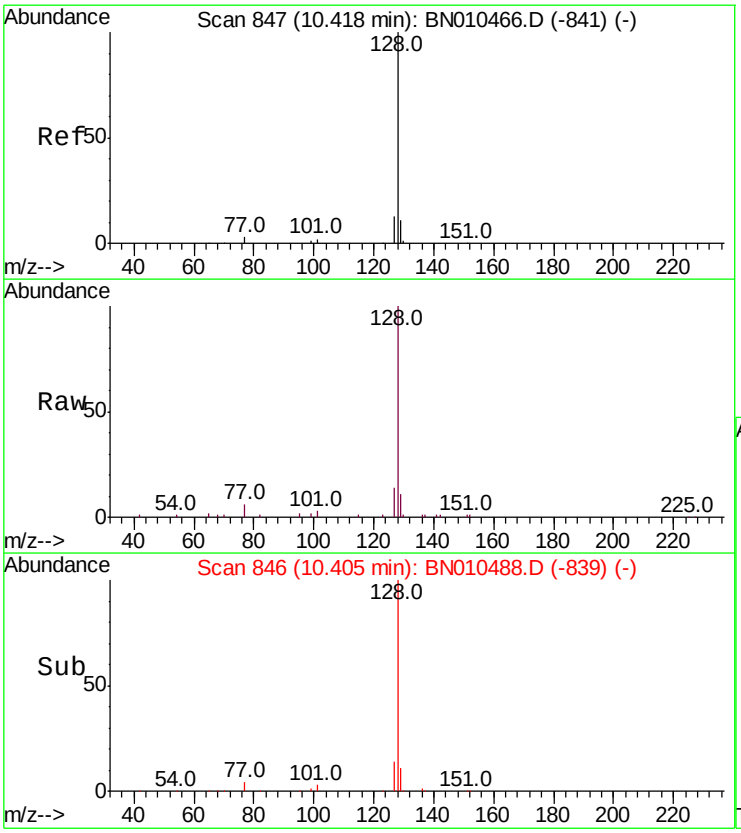
#8
Nitrobenzene-d5
Concen: 0.802 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 10947

Ion	Ratio	Lower	Upper
82	100		
128	37.9	41.3	61.9#
54	32.8	23.4	35.0

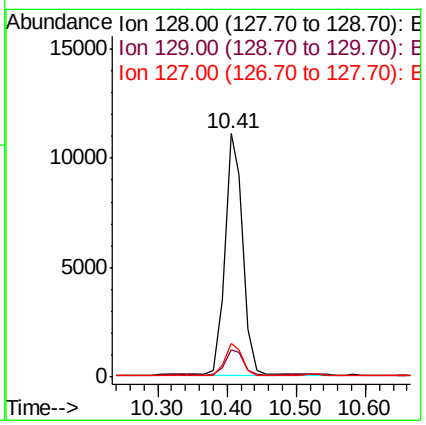


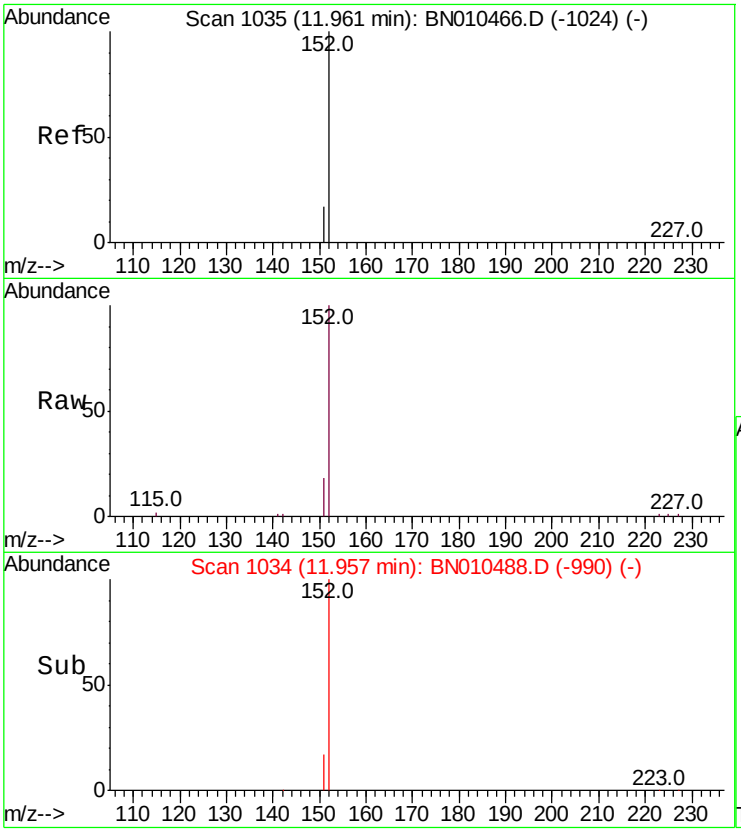


#9
Naphthalene
Concen: 0.414 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:128 Resp: 20101

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.1	10.5	15.7



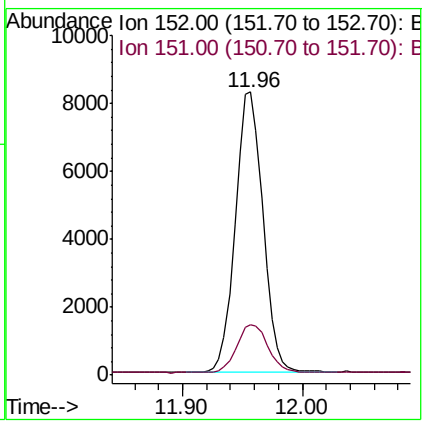


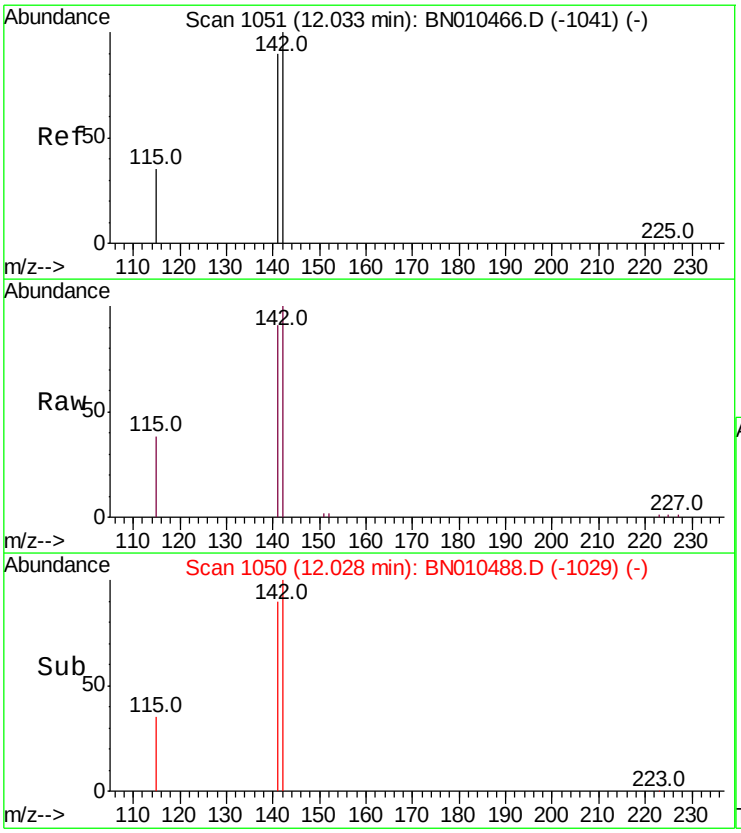
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13263

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

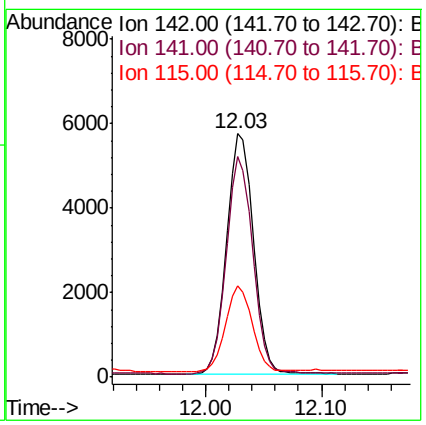


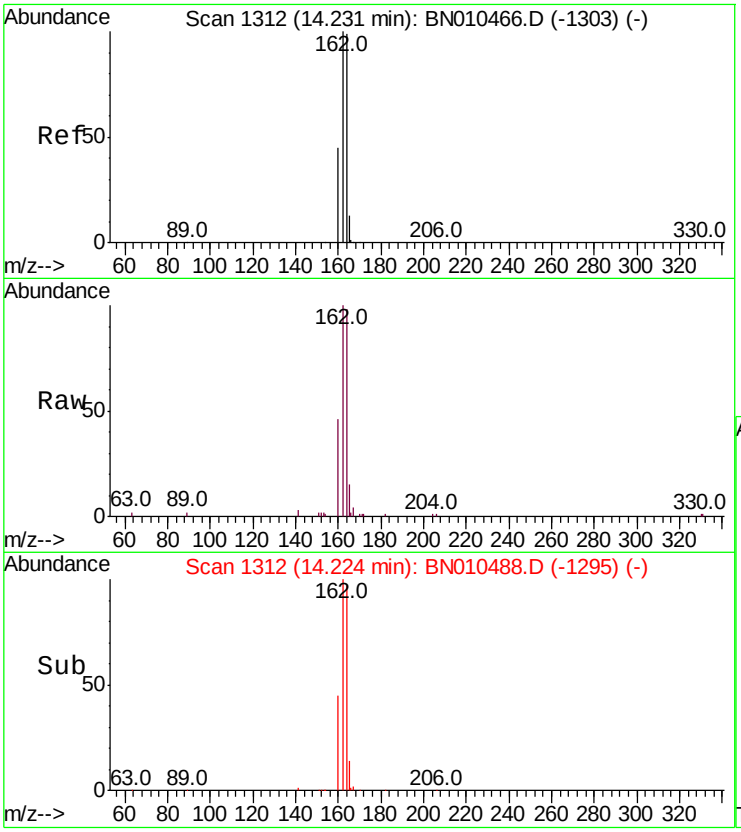


#12
2-Methylnaphthalene
Concen: 0.256 ng
RT: 12.03 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:142 Resp: 8917

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	37.6	28.8	43.2



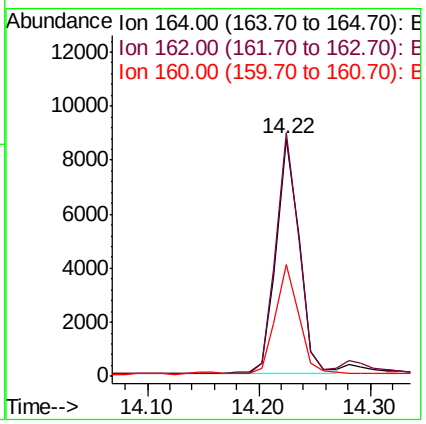


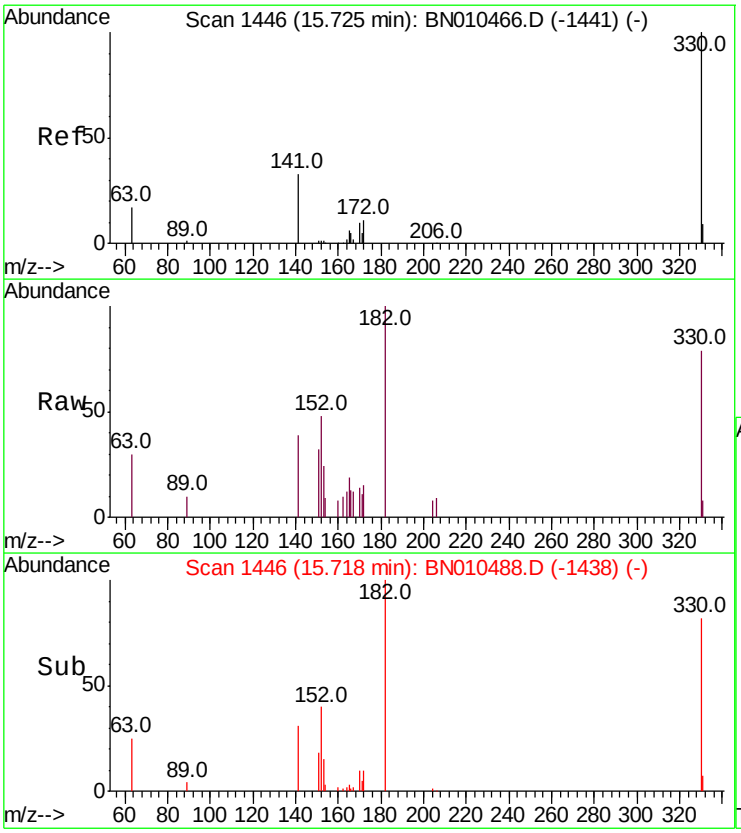
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12587

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	46.8	36.5	54.7

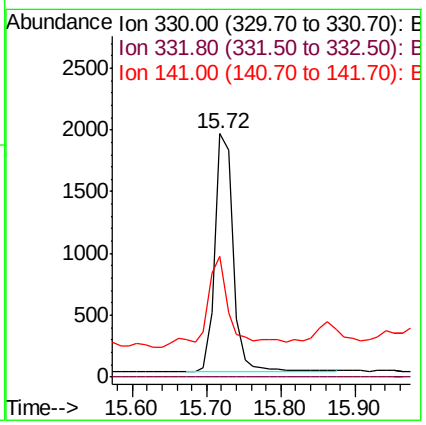


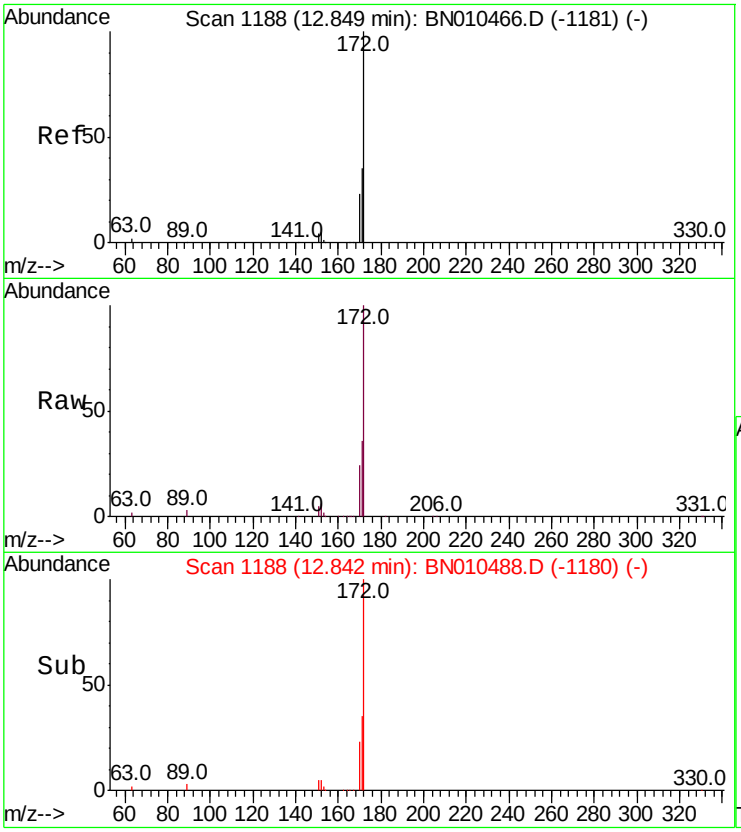


#14
2,4,6-Tribromophenol
Concen: 0.553 ng
RT: 15.72 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:330 Resp: 3281

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.0	28.1	42.1#



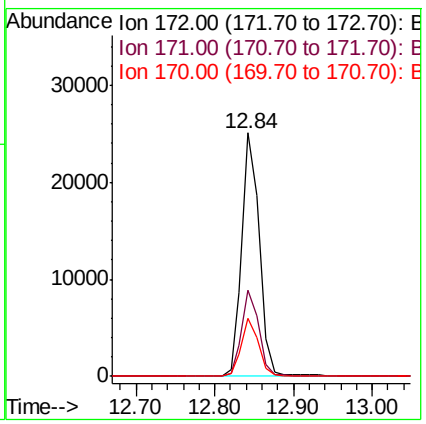


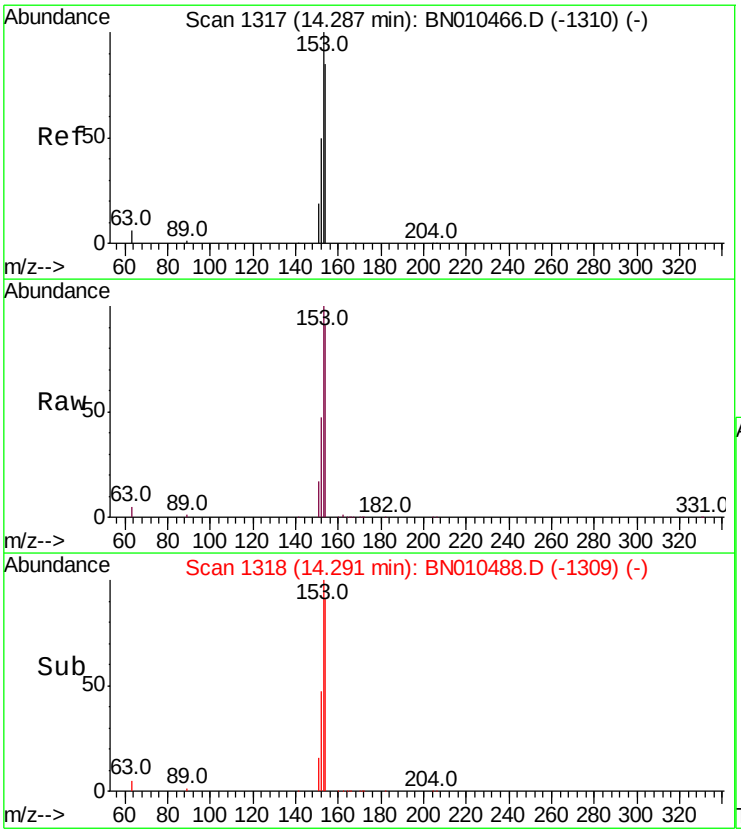
#15
2-Fluorobiphenyl
Concen: 0.841 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 38532

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.6	18.4	27.6

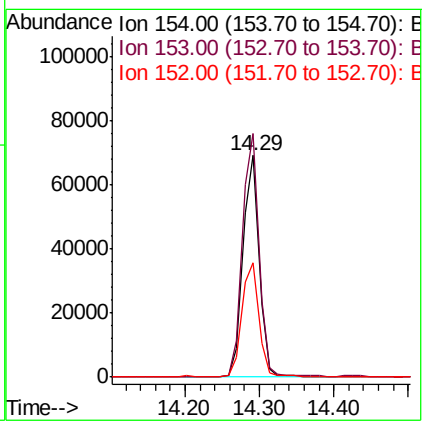


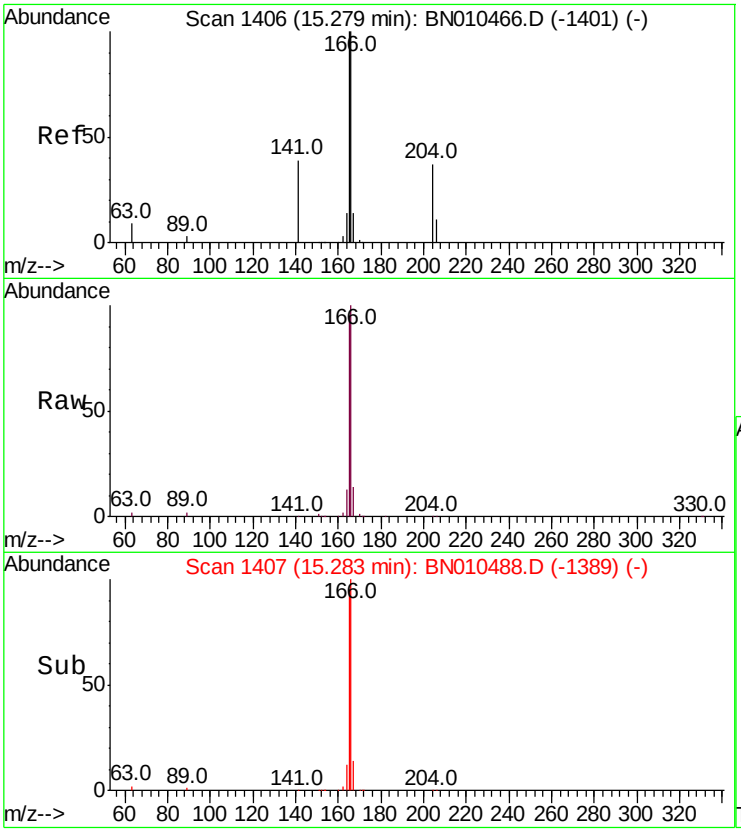


#17
Acenaphthene
Concen: 2.996 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:154 Resp: 104669

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	54.2	44.6	67.0



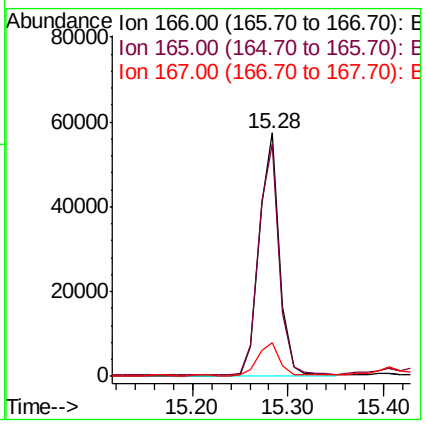


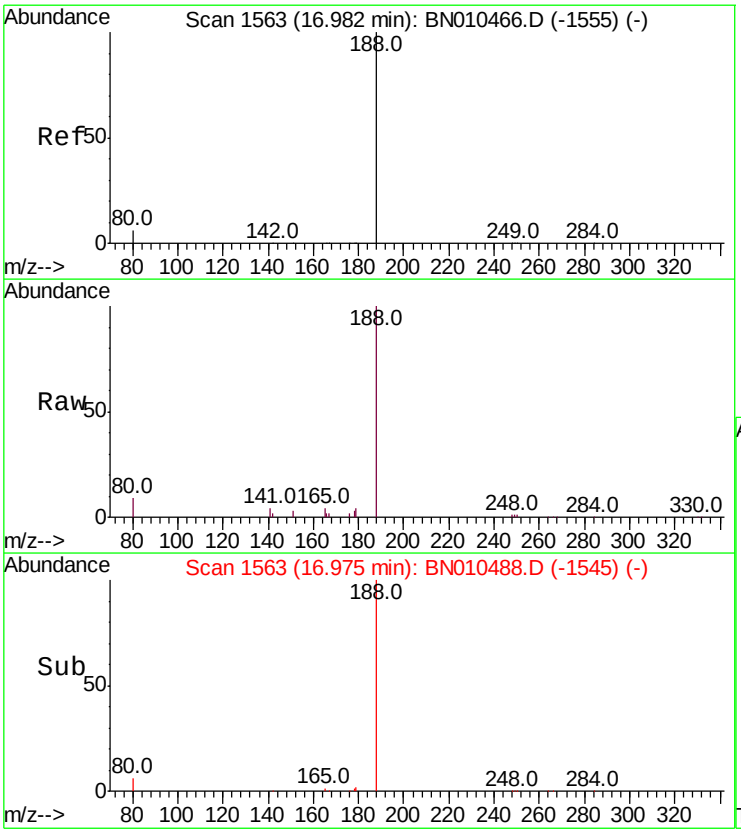
#18
Fluorene
Concen: 1.829 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 83690

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	14.6	10.9	16.3

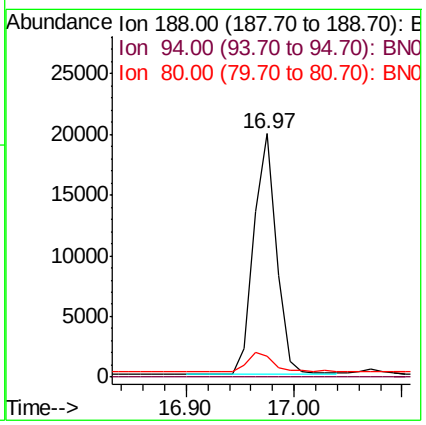


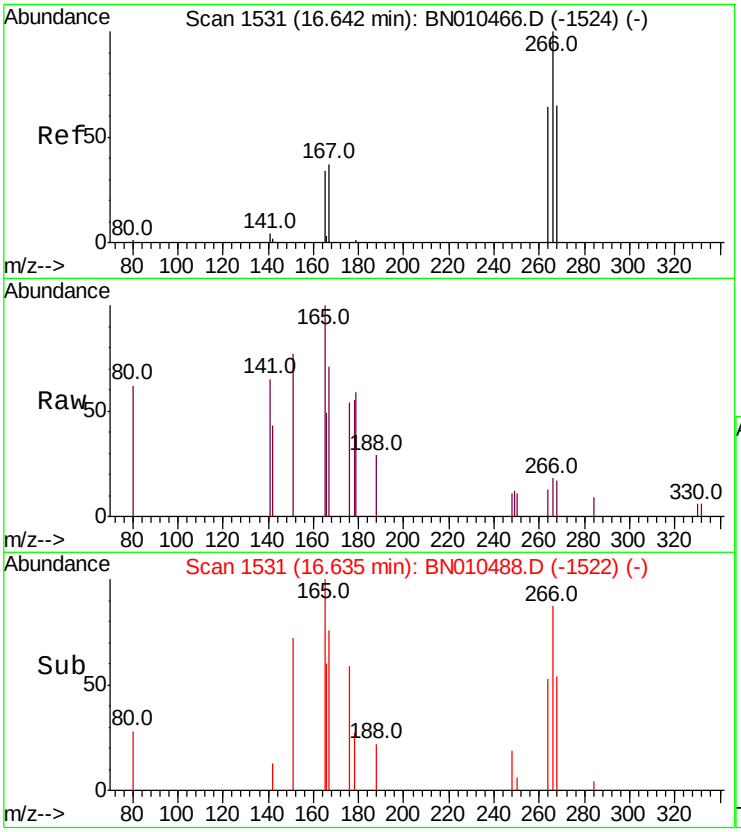


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:188 Resp: 28922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	5.0	7.6#



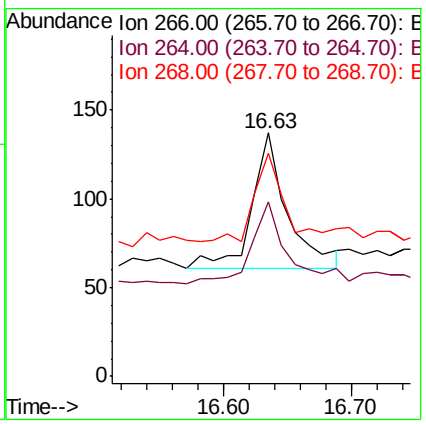


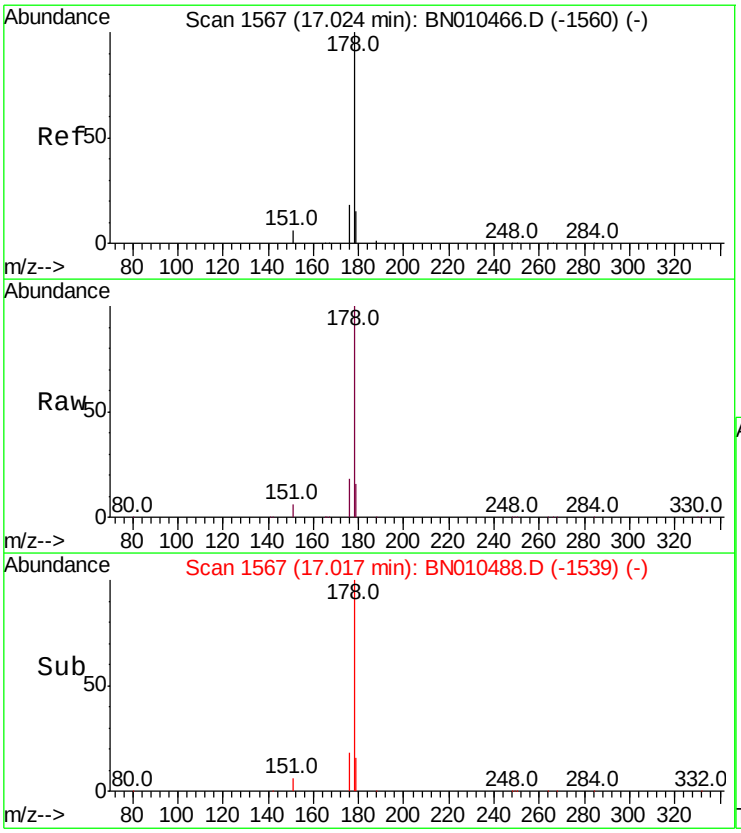
#22
Pentachlorophenol
Concen: 0.021 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 149

Ion	Ratio	Lower	Upper
266	100		
264	71.5	51.8	77.6
268	92.0	53.7	80.5#

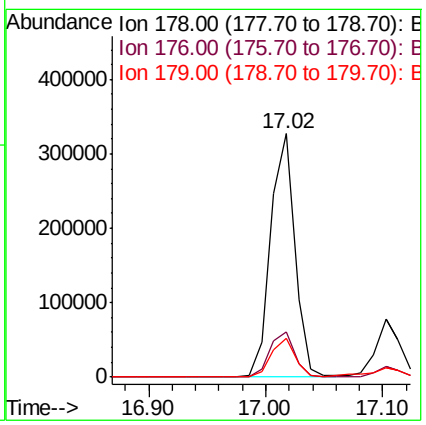


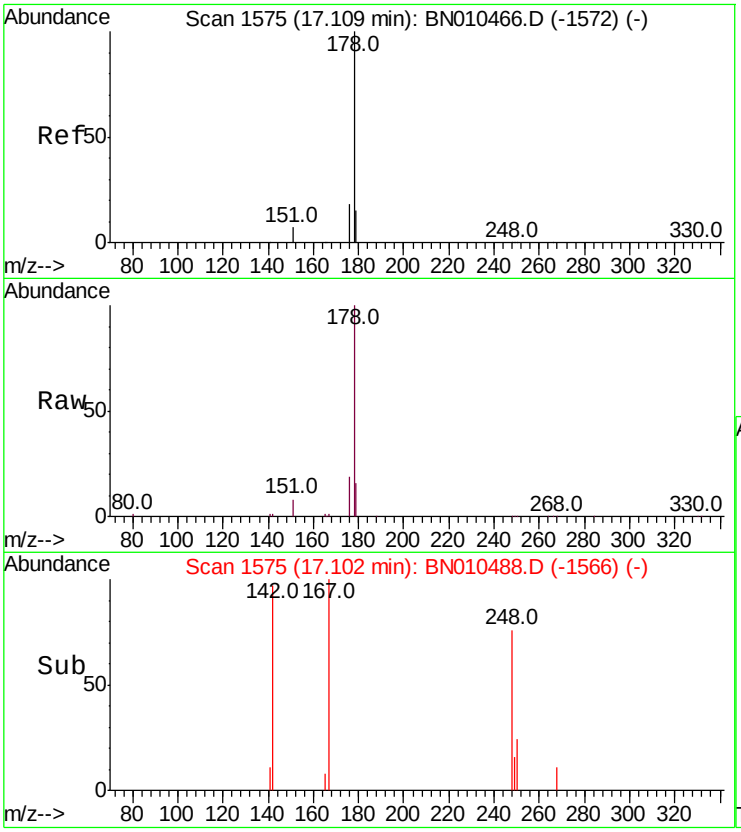


#23
Phenanthrene
Concen: 6.046 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:178 Resp: 472229

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.6	18.8



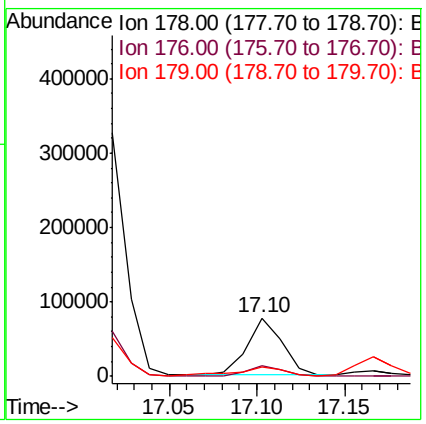


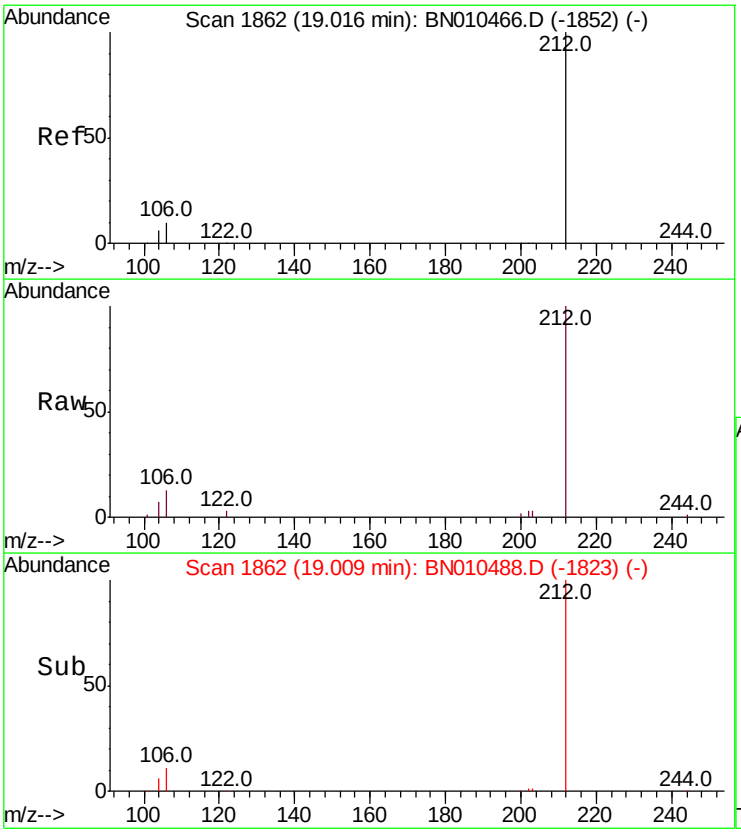
#24
Anthracene
Concen: 1.494 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 106667

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	19.3	12.2	18.2#

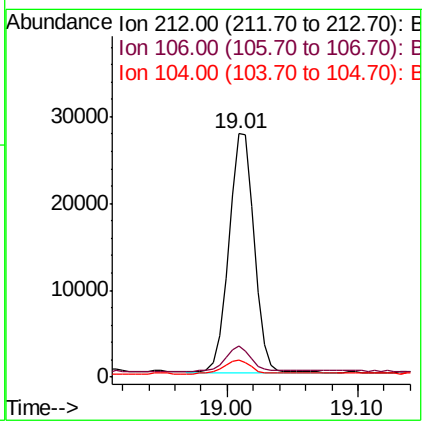


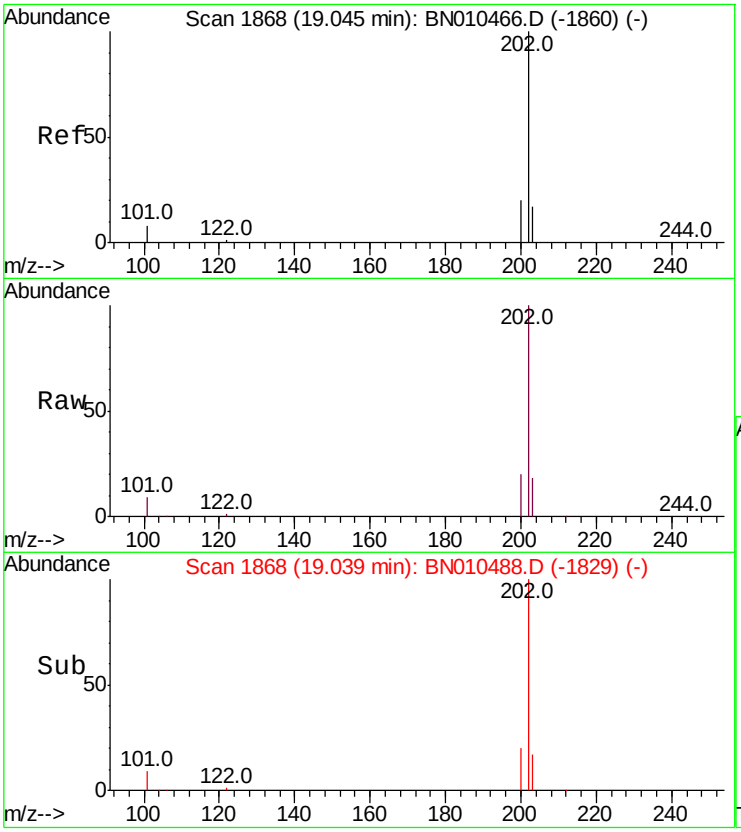


#25
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:212 Resp: 37320

Ion	Ratio	Lower	Upper
212	100		
106	10.2	7.8	11.6
104	6.0	4.5	6.7



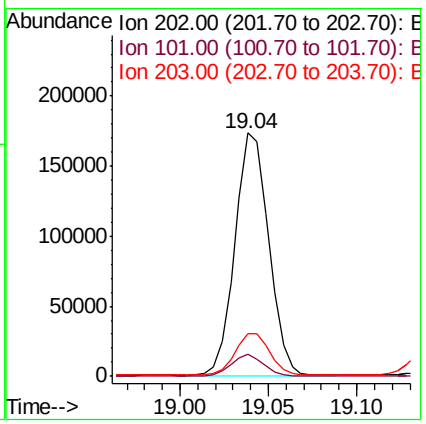


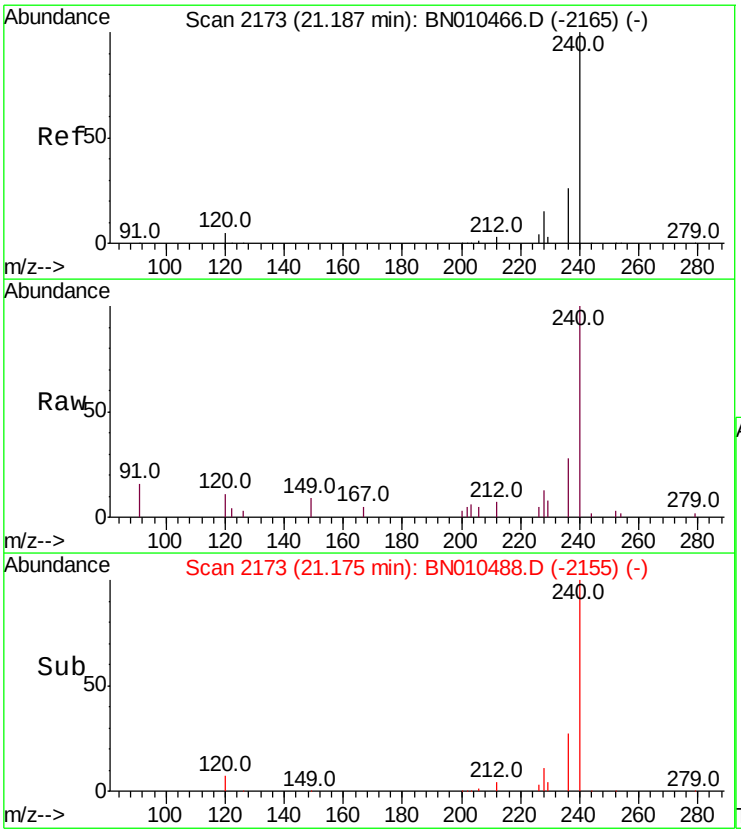
#26
Fluoranthene
Concen: 2.364 ng
RT: 19.04 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 229801

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
203	17.3	13.9	20.9

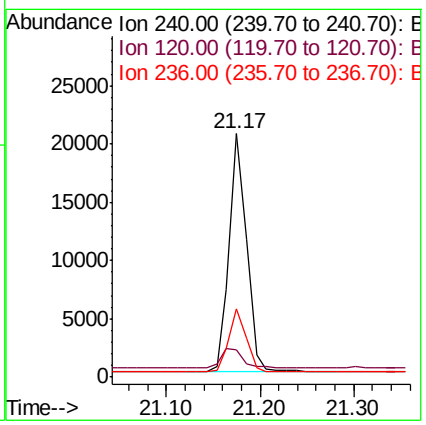


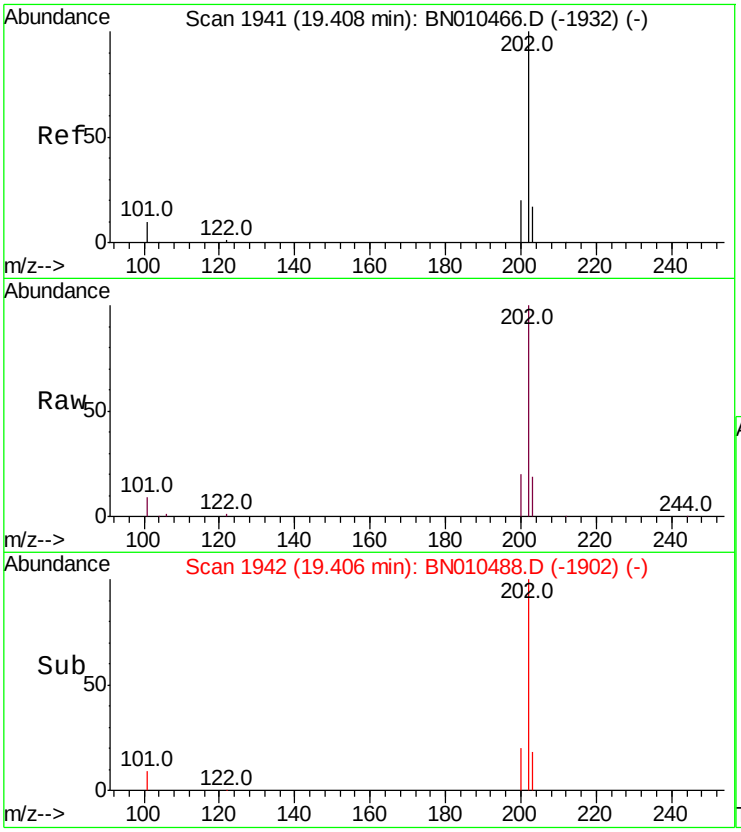


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:240 Resp: 26374

Ion	Ratio	Lower	Upper
240	100		
120	11.4	4.8	7.2#
236	28.0	21.4	32.0



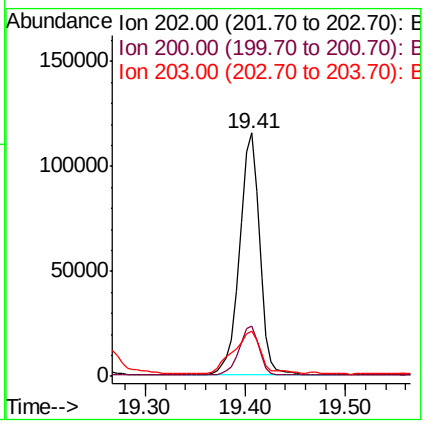


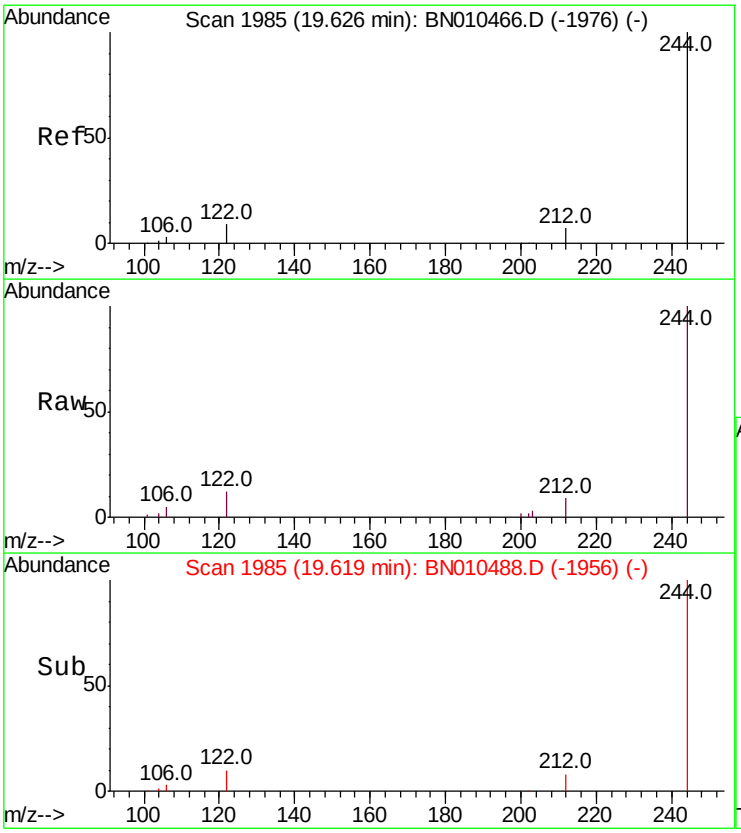
#28
Pyrene
Concen: 1.787 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 158605

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	25.0	14.0	21.0#

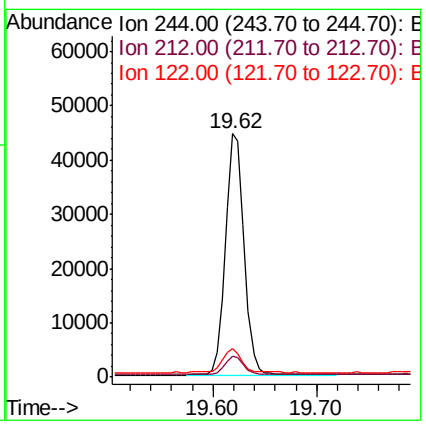


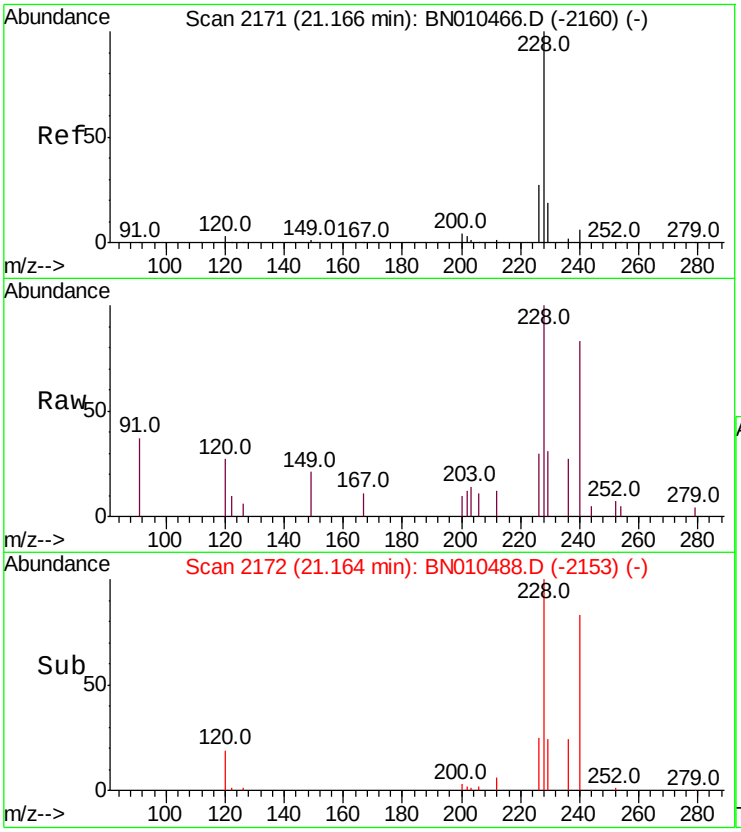


#29
Terphenyl-d14
Concen: 0.908 ng
RT: 19.62 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:244 Resp: 54814

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.4
122	11.5	7.8	11.8



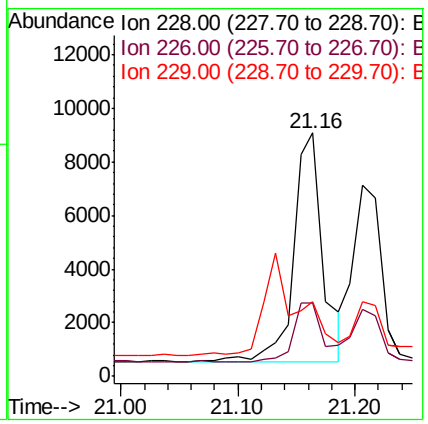


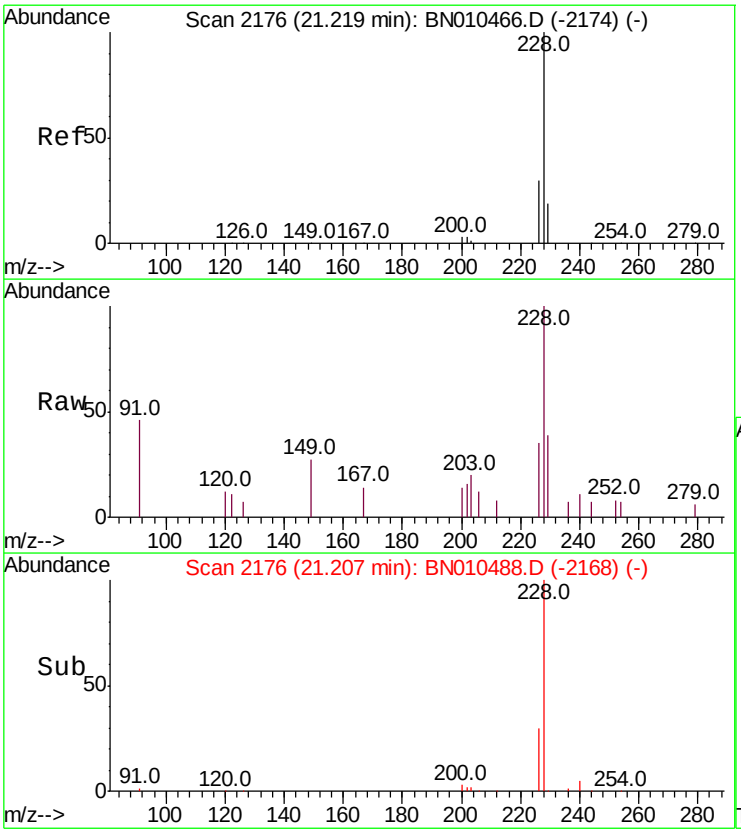
#30
Benzo(a)anthracene
Concen: 0.174 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14958

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.7	32.5
229	30.9	15.6	23.4#

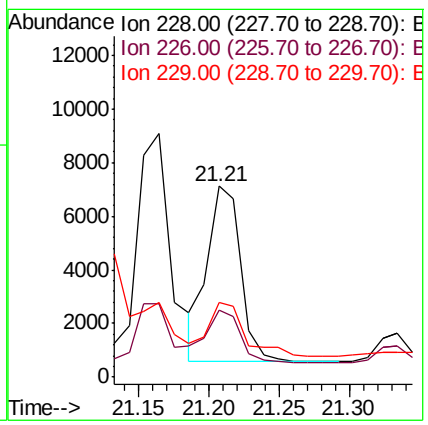


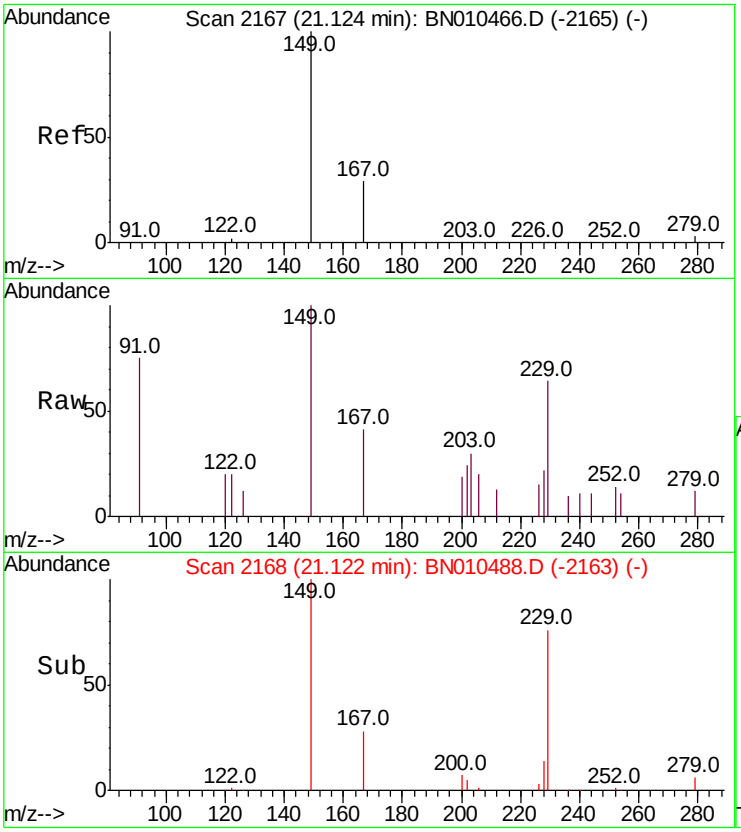


#31
Chrysene
Concen: 0.128 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:228 Resp: 10933

Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.0	36.0
229	39.2	15.8	23.6#



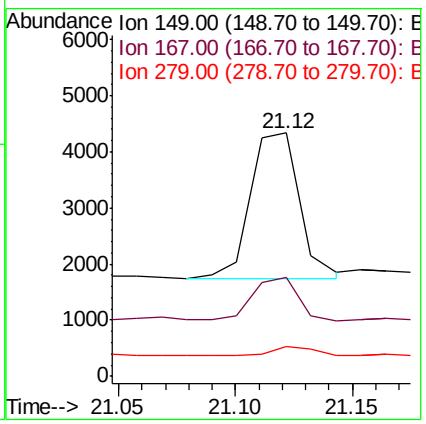


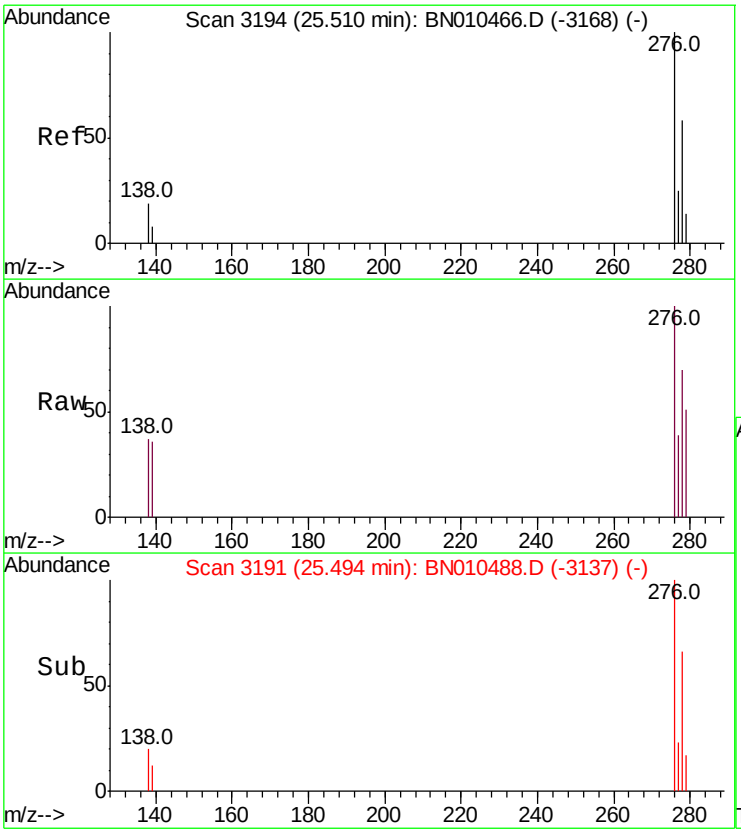
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 3783

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.4	35.0
279	5.5	4.0	6.0

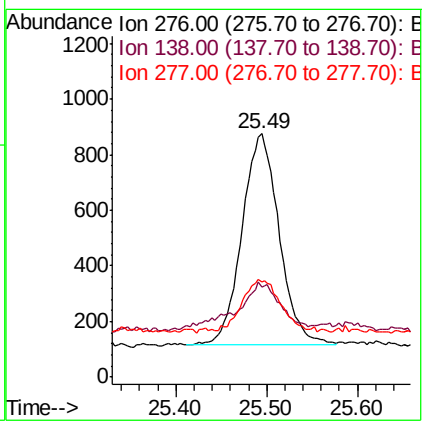


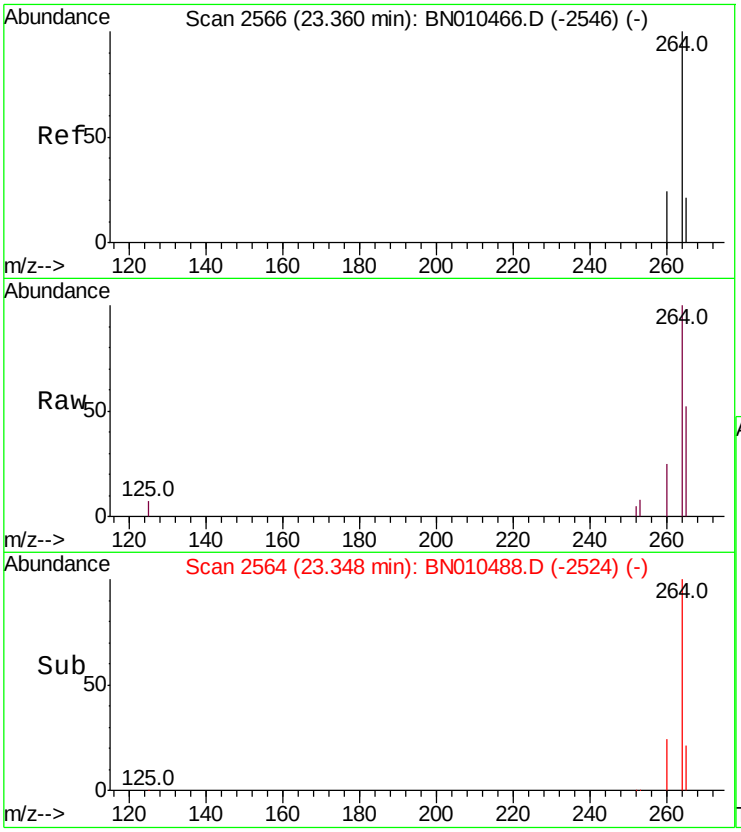


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.49 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:276 Resp: 2160

Ion	Ratio	Lower	Upper
276	100		
138	28.7	16.4	24.6#
277	26.3	19.8	29.6



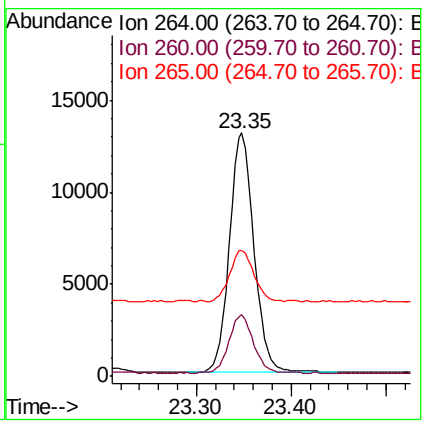


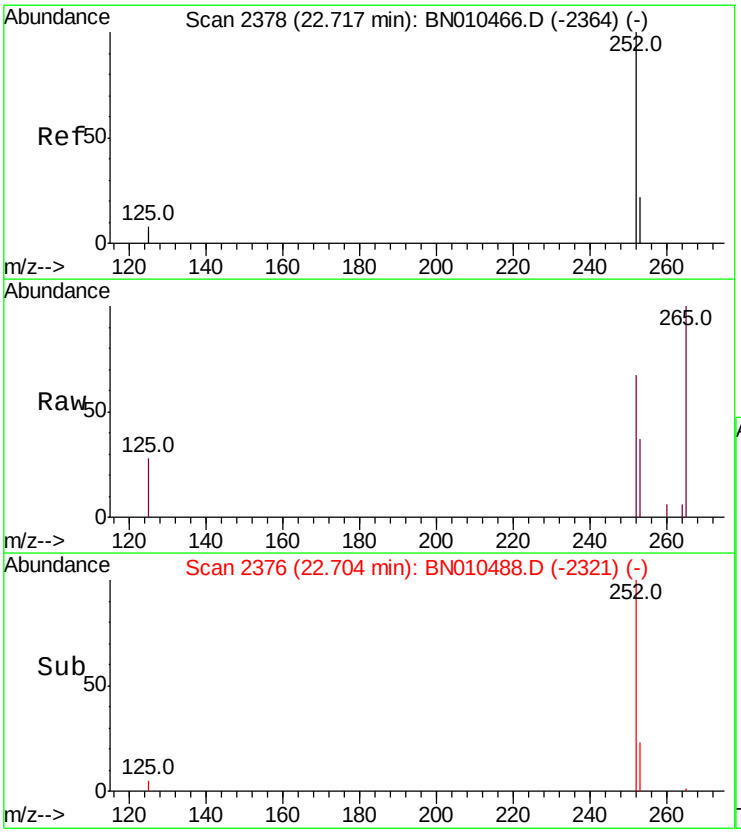
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 23338

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	51.6	42.3	63.5

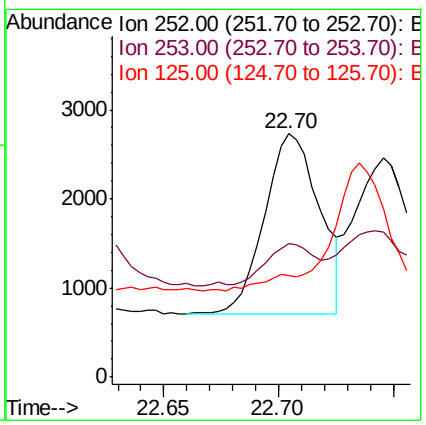


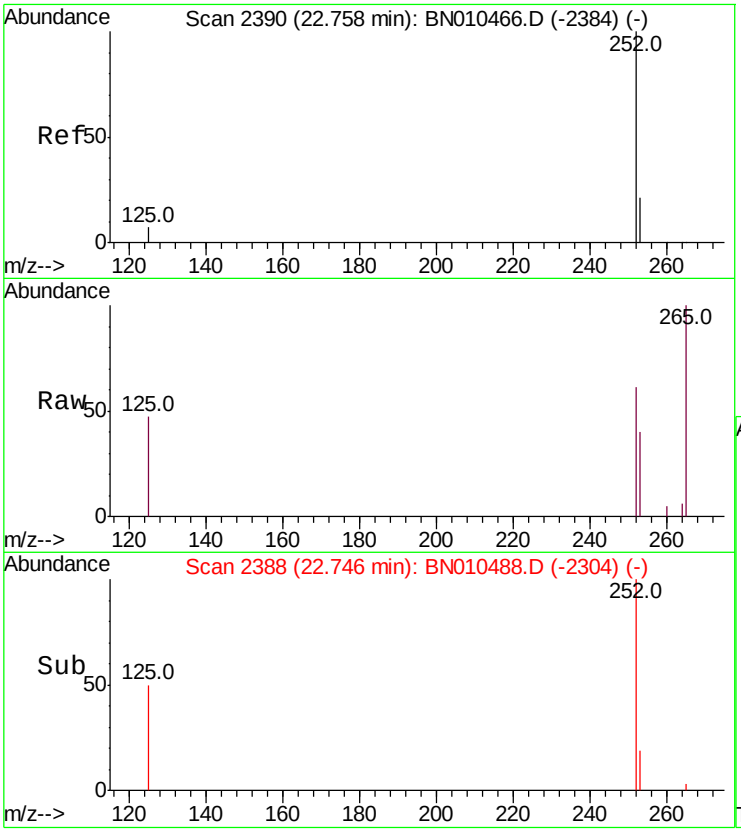


#35
Benzo(b)fluoranthene
Concen: 0.044 ng
RT: 22.70 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:252 Resp: 3383

Ion	Ratio	Lower	Upper
252	100		
253	55.1	20.2	30.4#
125	41.7	9.2	13.8#



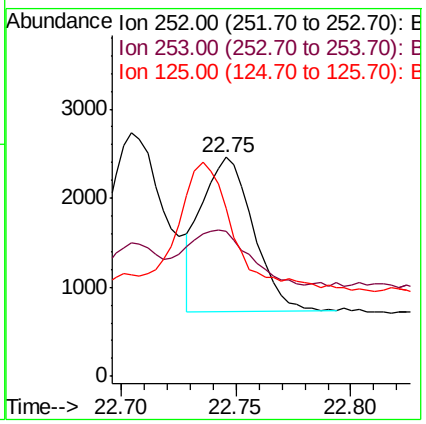


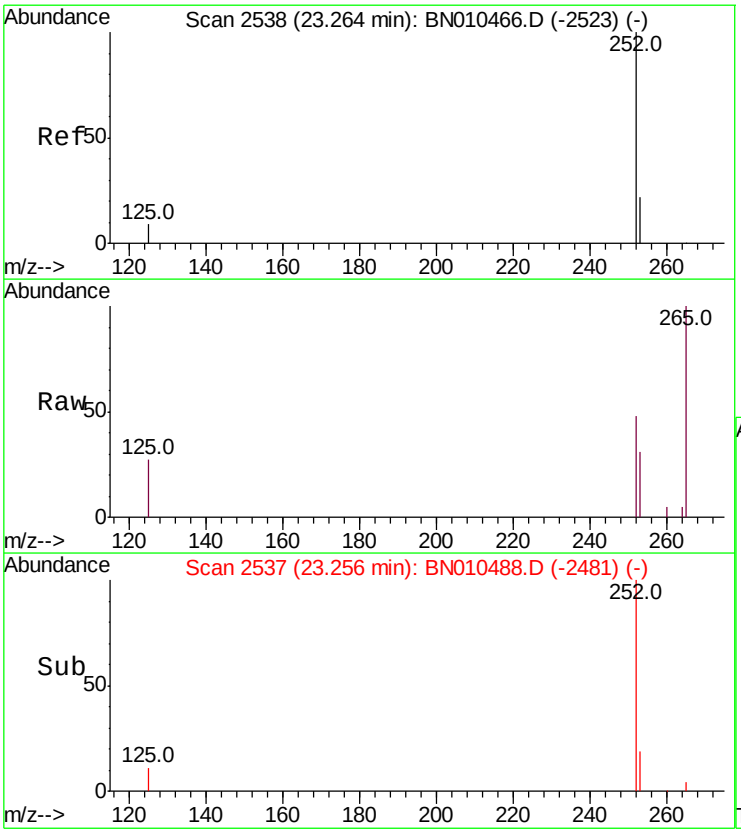
#36
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 22.75 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2730

Ion	Ratio	Lower	Upper
252	100		
253	66.1	20.1	30.1#
125	76.6	9.6	14.4#

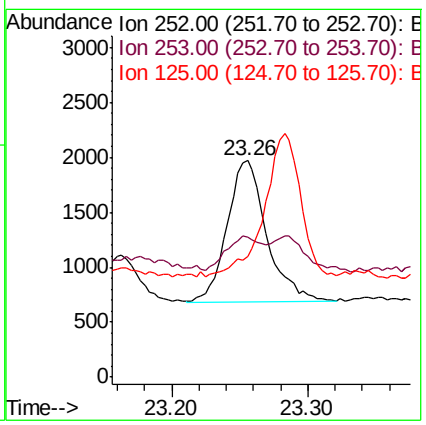


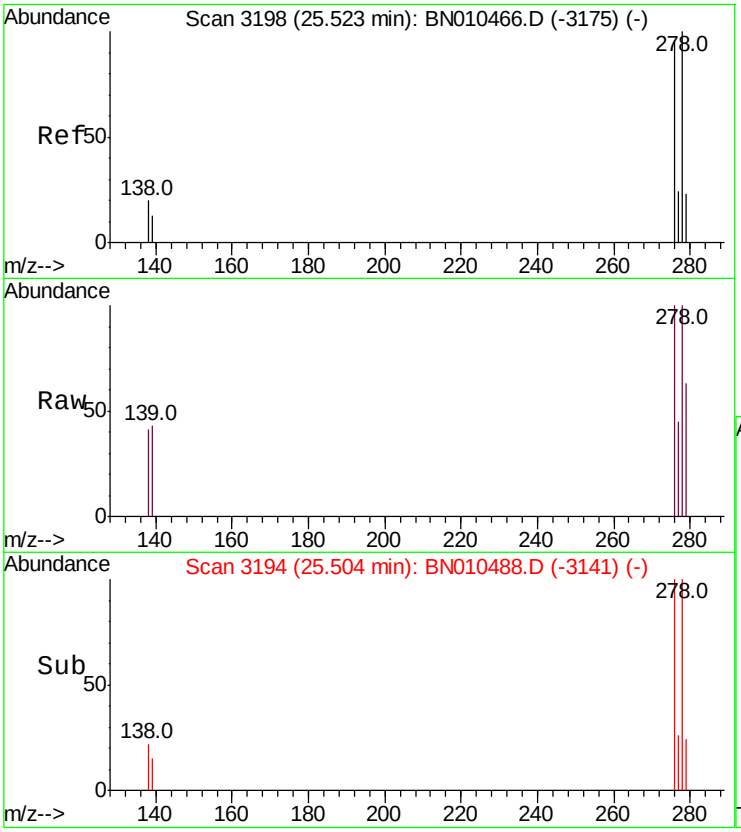


#37
Benzo(a)pyrene
Concen: 0.038 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:252 Resp: 2599

Ion	Ratio	Lower	Upper
252	100		
253	65.0	21.8	32.8#
125	55.7	11.0	16.6#



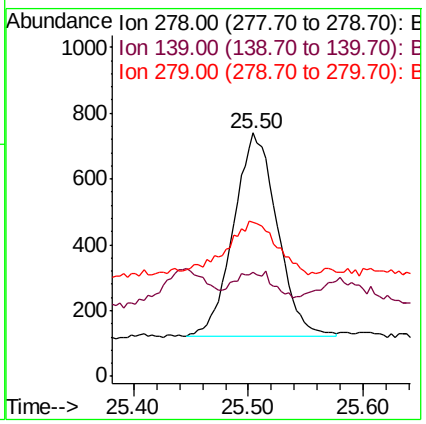


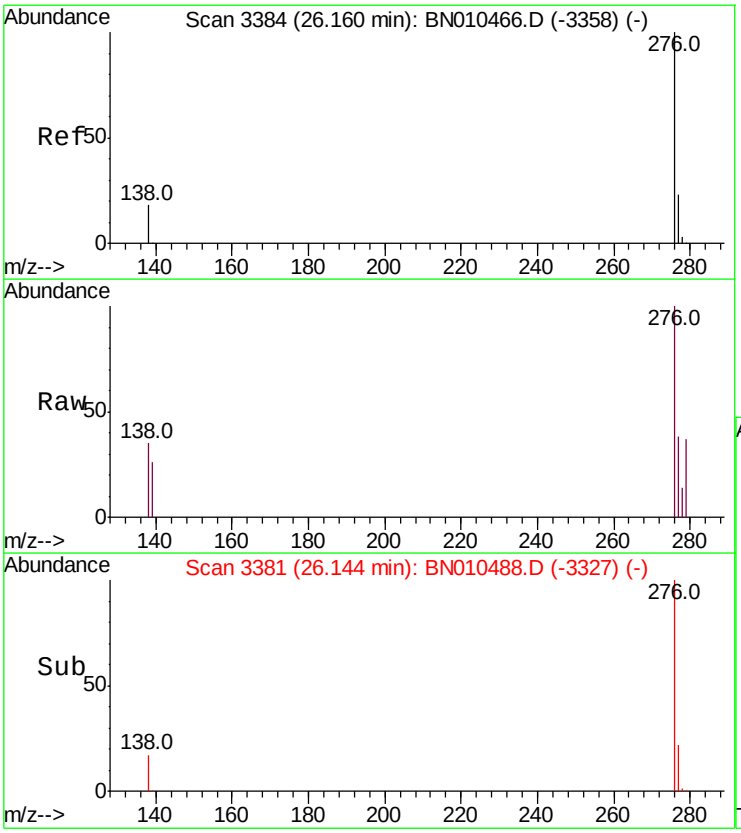
#38
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 25.50 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1634

Ion	Ratio	Lower	Upper
278	100		
139	42.6	12.3	18.5#
279	63.2	21.9	32.9#





#39
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.14 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN010488.D
Acq: 14 Apr 2020 21:29

Tgt Ion:276 Resp: 2137

Ion	Ratio	Lower	Upper
276	100		
277	38.0	20.2	30.2#
138	34.6	15.4	23.2#