Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010634.D
Acq On : 28 Apr 2020 21:51
Operator : CG/JU
Sample : L2423-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 29 02:03:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3637	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	14516	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	17952	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	23288	0.40	ng		0.00
27) Chrysene-d12	21.16	240	21096	0.40	ng		0.00
34) Perylene-d12	23.33	264	18841	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	627	0.08	ng		0.00
5) Phenol-d6	6.78	99	532	0.05	ng		0.00
8) Nitrobenzene-d5	8.72	82	4615	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	8057	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1111	0.13	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	12719	0.19	ng		0.00
25) Fluoranthene-d10	18.99	212	23057	0.33	ng		0.00
29) Terphenyl-d14	19.60	244	20491	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	147	0.055	ng	#	1
3) n-Nitrosodimethylamine	3.52	42	814	0.469	ng	#	1
9) Naphthalene	10.39	128	4507709	125.034	ng		100
12) 2-Methylnaphthalene	12.01	142	415348	16.039	ng		97
16) Acenaphthylene	13.92	152	200777	2.589	ng	#	95
17) Acenaphthene	14.27	154	164769	3.306	ng		97
18) Fluorene	15.26	166	376266	5.765	ng		99
22) Pentachlorophenol	16.62	266	2609	0.449	ng		97
23) Phenanthrene	17.00	178	890454	14.158	ng		99
24) Anthracene	17.09	178	141513	2.461	ng	#	83
26) Fluoranthene	19.02	202	163751	2.092	ng		99
28) Pyrene	19.39	202	115239	1.623	ng		96
30) Benzo(a)anthracene	21.14	228	11965	0.174	ng	#	81
31) Chrysene	21.20	228	10421	0.152	ng	#	75
32) Bis(2-ethylhexyl)phthalate	21.10	149	5882	0.167	ng		98
33) Indeno(1,2,3-cd)pyrene	25.45	276	1798	0.030	ng		94
35) Benzo(b)fluoranthene	22.69	252	4702	0.076	ng	#	32
36) Benzo(k)fluoranthene	22.69	252	4702	0.076	ng	#	33
37) Benzo(a)pyrene	23.23	252	3387	0.062	ng	#	28
39) Benzo(g,h,i)perylene	26.11	276	1698	0.034	ng	#	60

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
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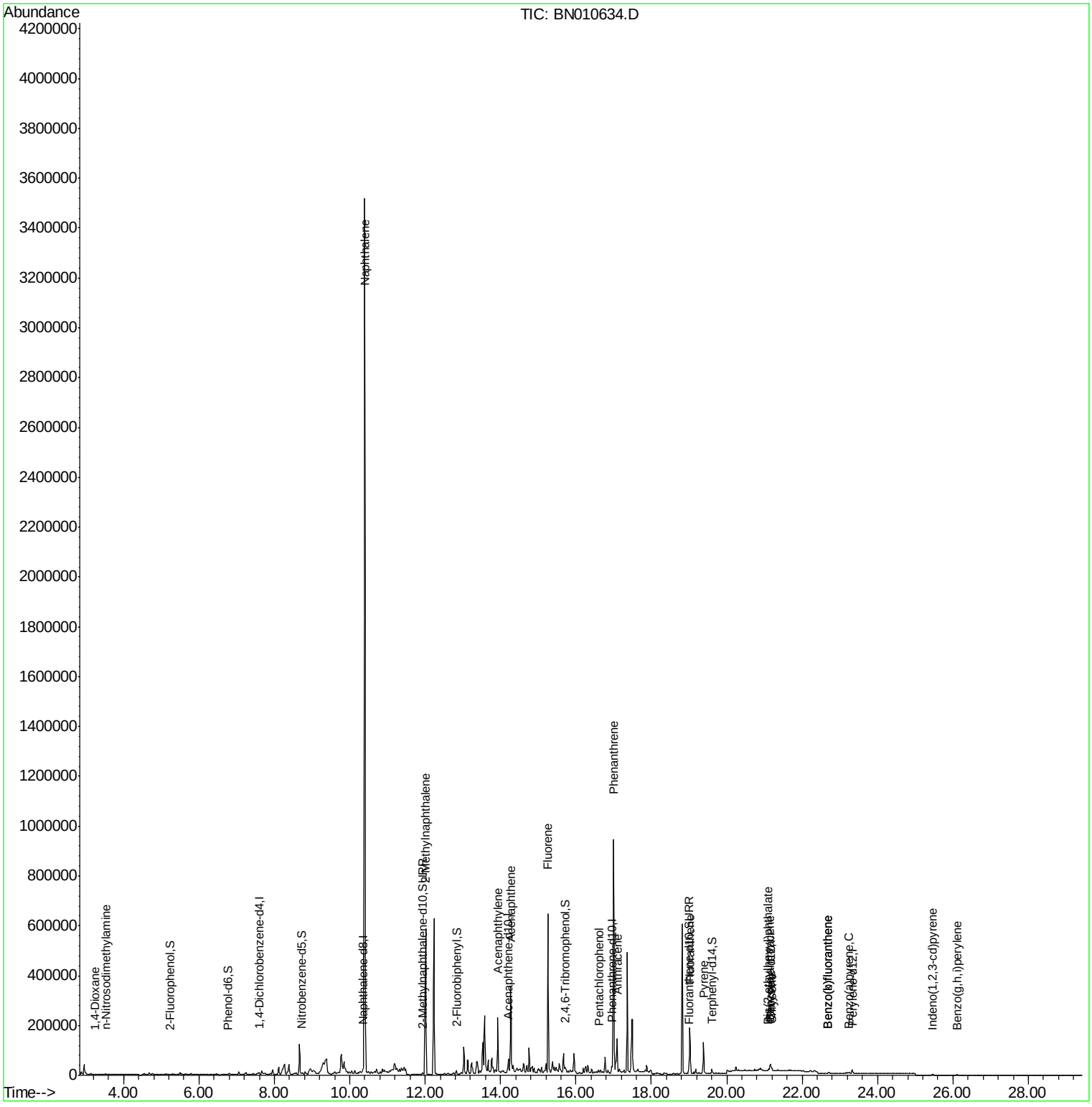
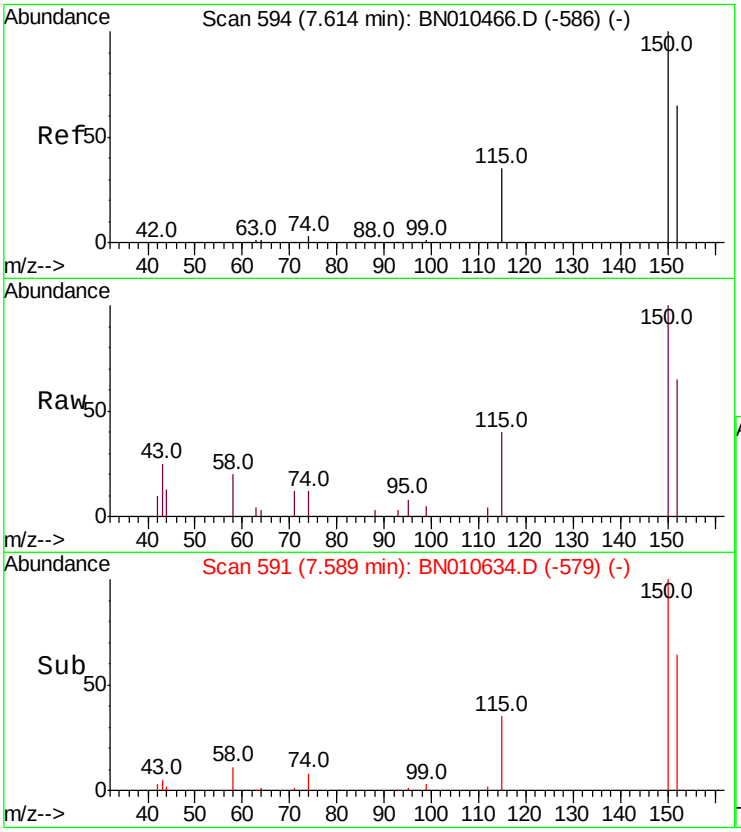


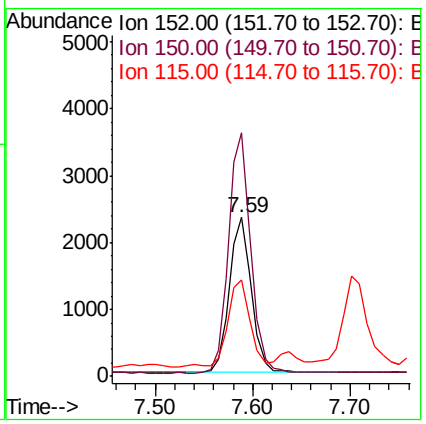


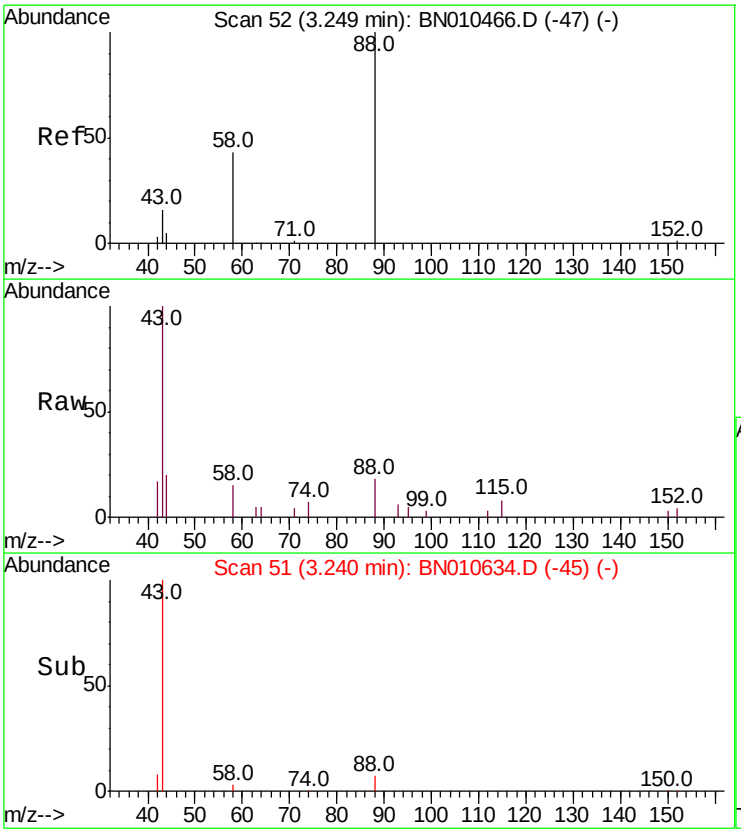
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3637

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.6
115	60.6	45.5	68.3

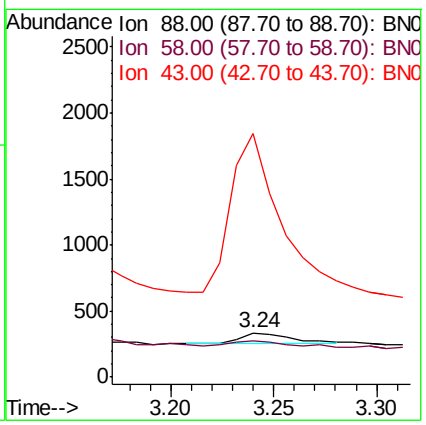


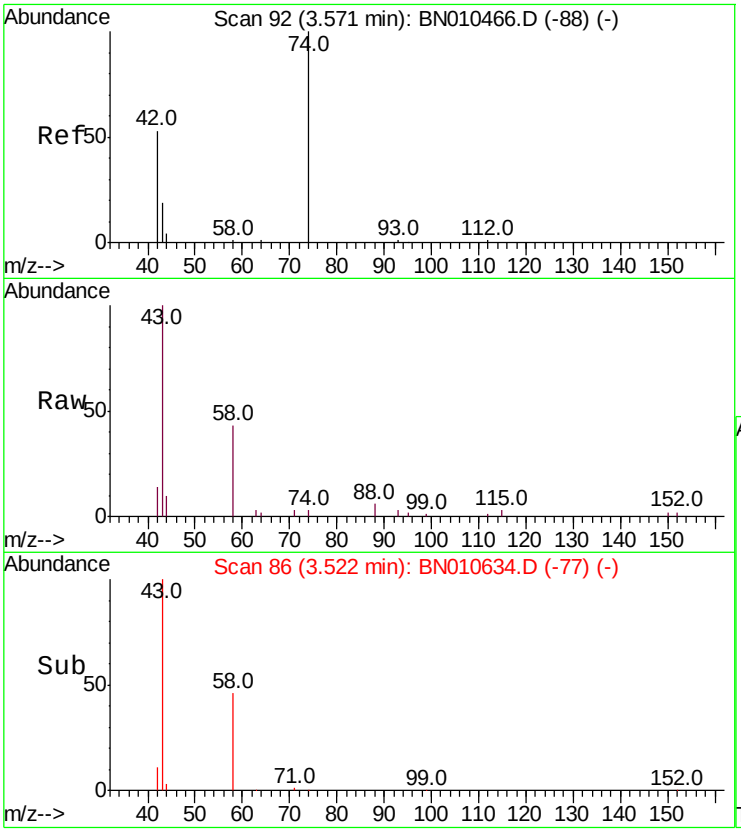


#2
1,4-Dioxane
Concen: 0.055 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion: 88 Resp: 147

Ion	Ratio	Lower	Upper
88	100		
58	59.2	36.5	54.7#
43	1328.6	13.2	19.8#



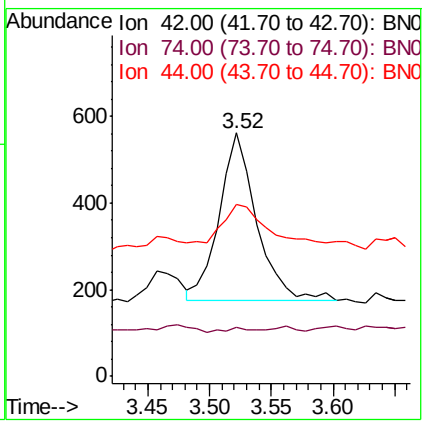


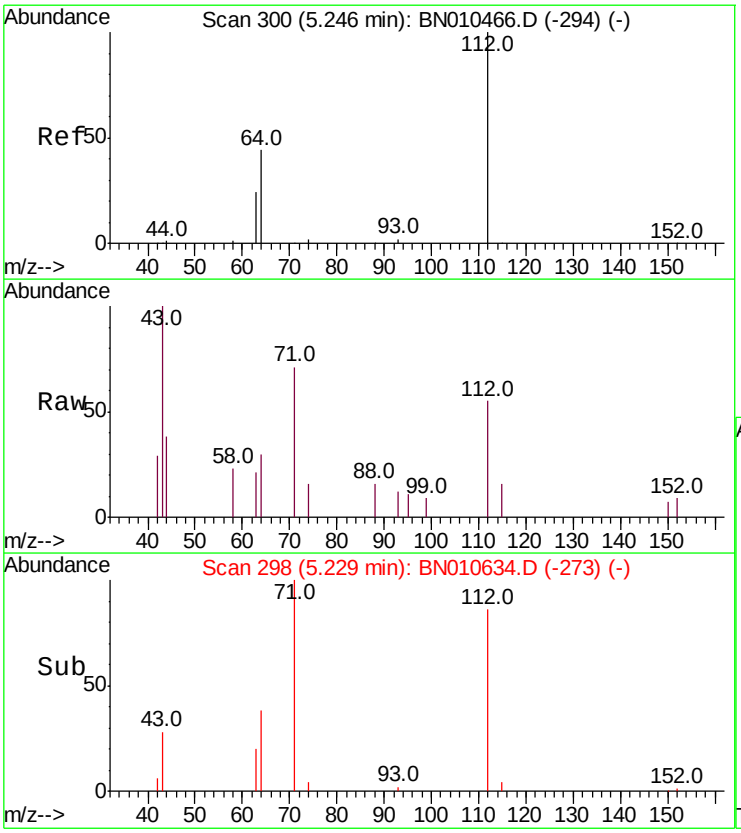
#3
n-Nitrosodimethylamine
Concen: 0.469 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.02 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 814

Ion	Ratio	Lower	Upper
42	100		
74	1.8	162.2	243.4#
44	24.7	2.4	3.6#

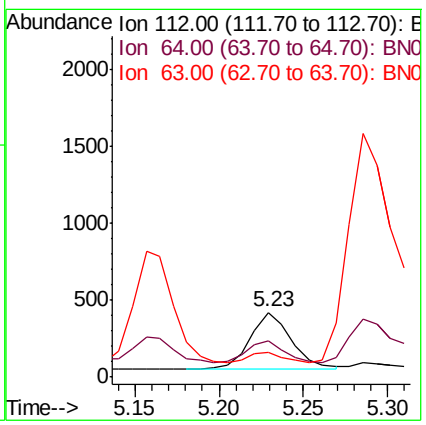


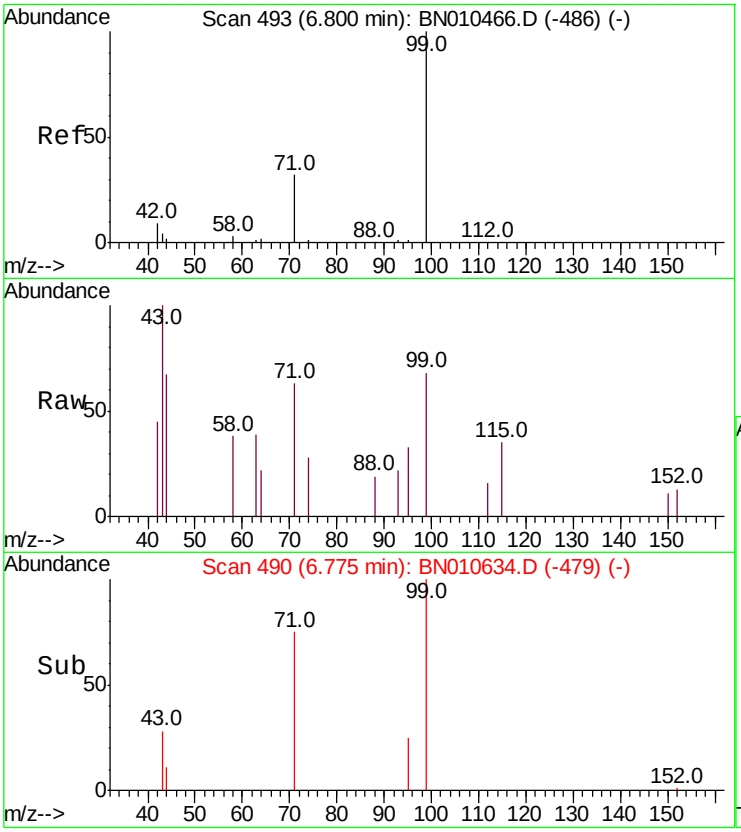


#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:112 Resp: 627

Ion	Ratio	Lower	Upper
112	100		
64	44.5	35.8	53.8
63	20.4	19.9	29.9



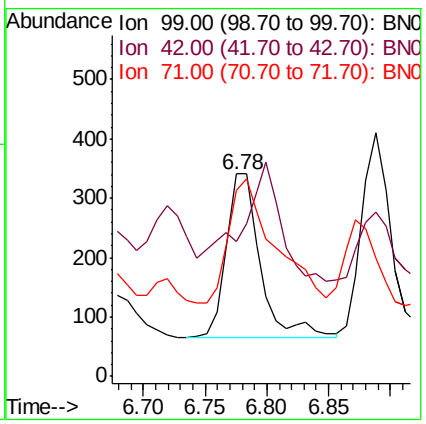


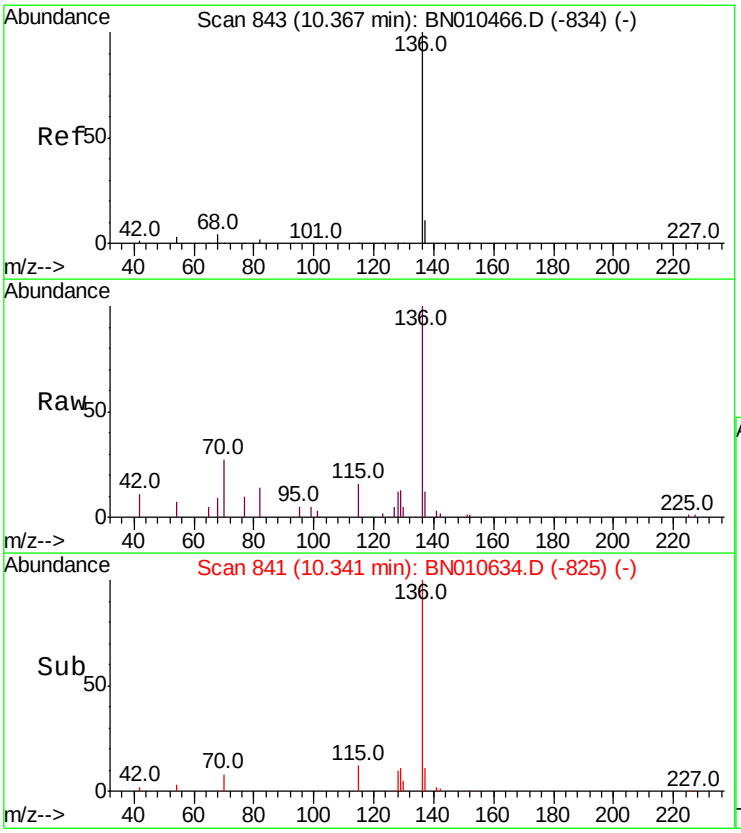
#5
Phenol-d6
Concen: 0.051 ng
RT: 6.78 min Scan# 490
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 532

Ion	Ratio	Lower	Upper
99	100		
42	0.0	9.8	14.6#
71	103.2	27.8	41.8#

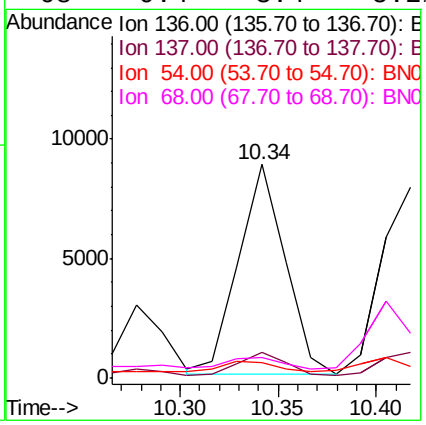


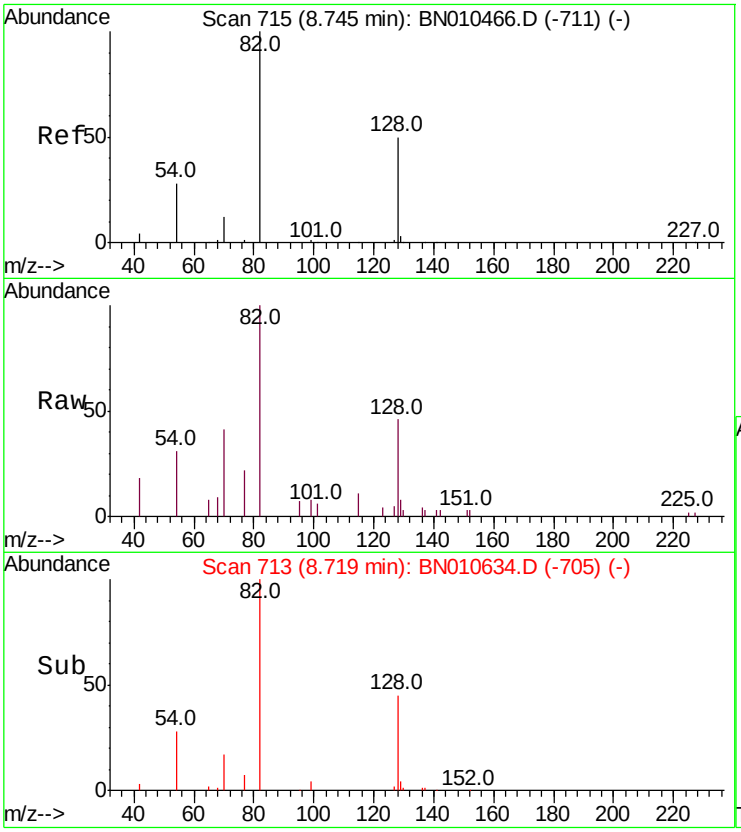


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:136 Resp: 14516

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	7.4	2.6	4.0#
68	9.4	3.4	5.2#



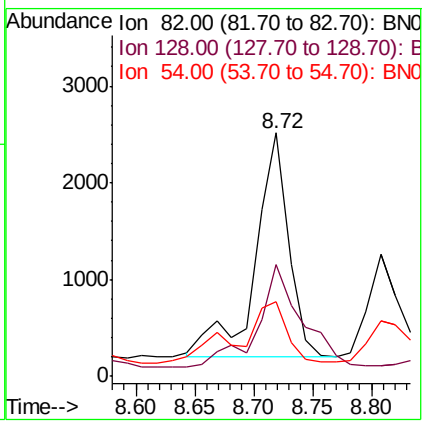


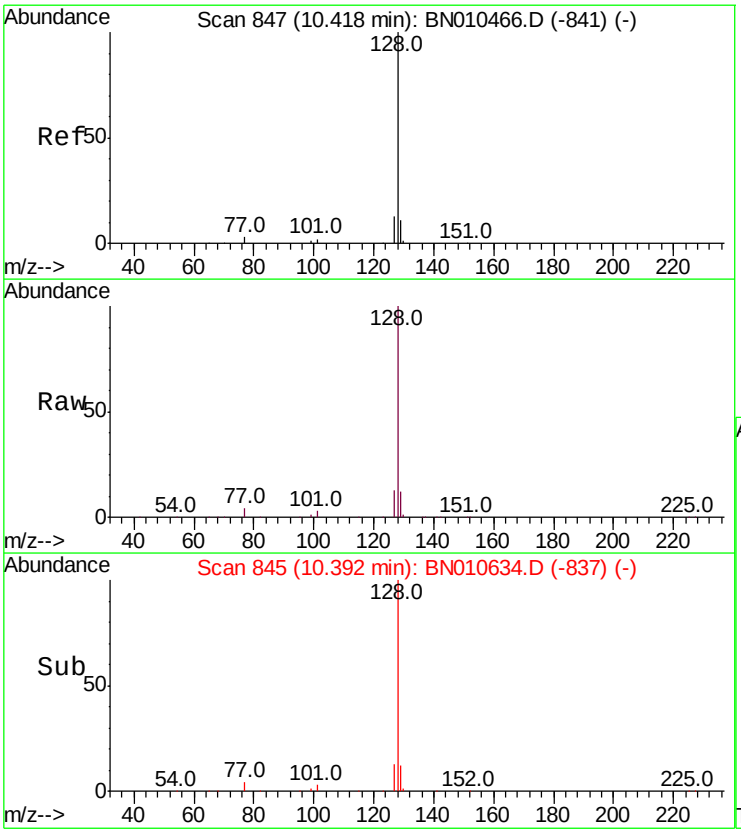
#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 4615

Ion	Ratio	Lower	Upper
82	100		
128	45.8	41.3	61.9
54	30.9	23.4	35.0

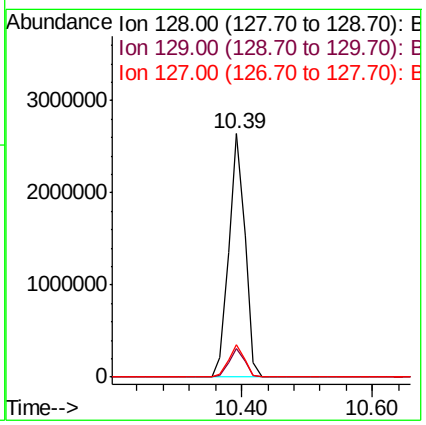


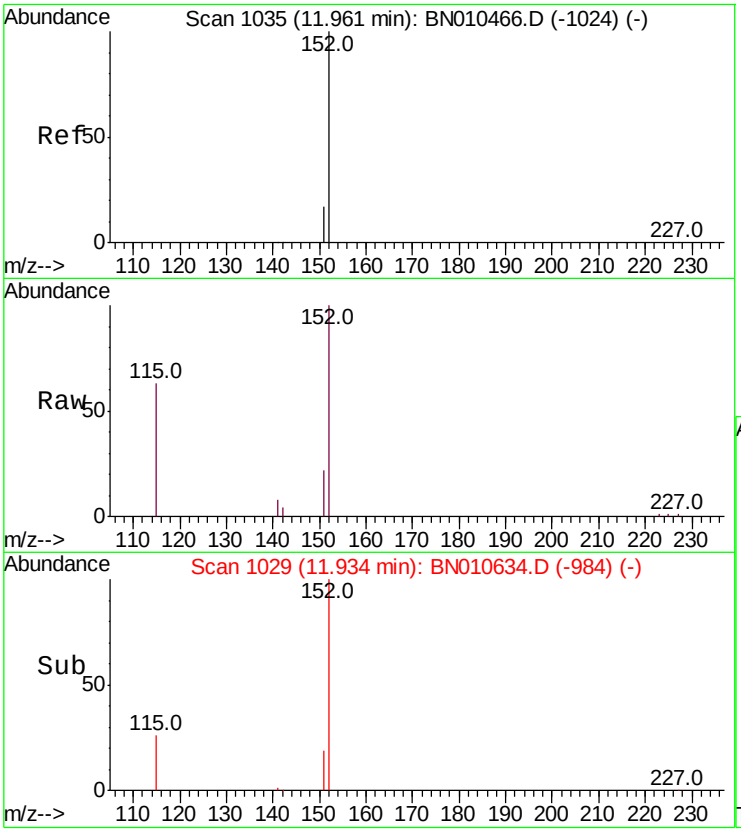


#9
Naphthalene
Concen: 125.034 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:128 Resp: 4507709

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.2	10.5	15.7



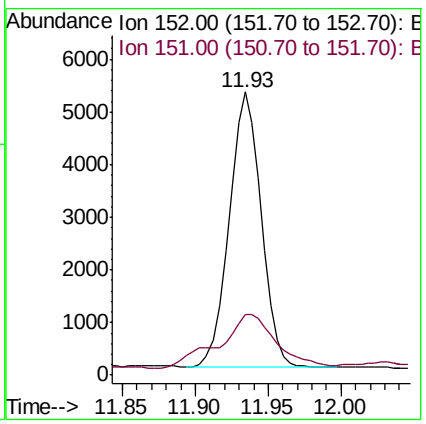


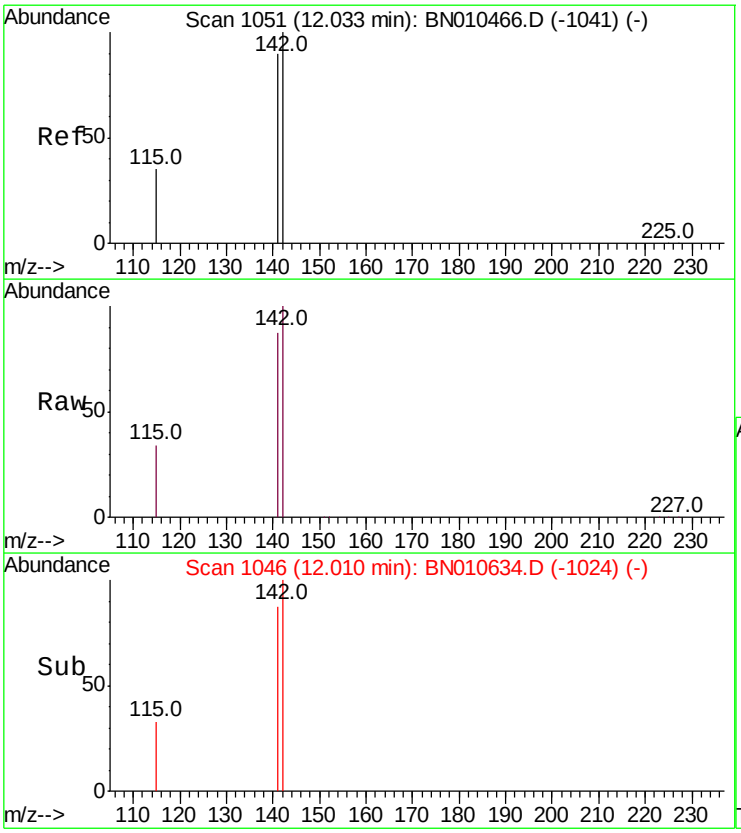
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8057

Ion	Ratio	Lower	Upper
152	100		
151	35.7	15.3	22.9#

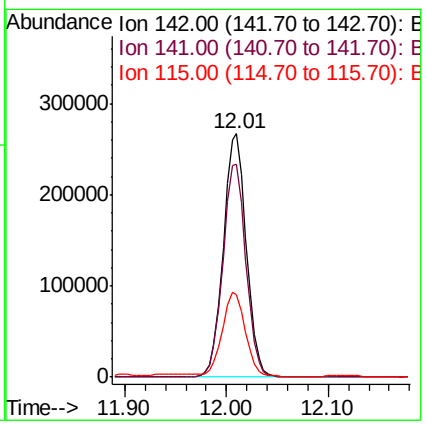


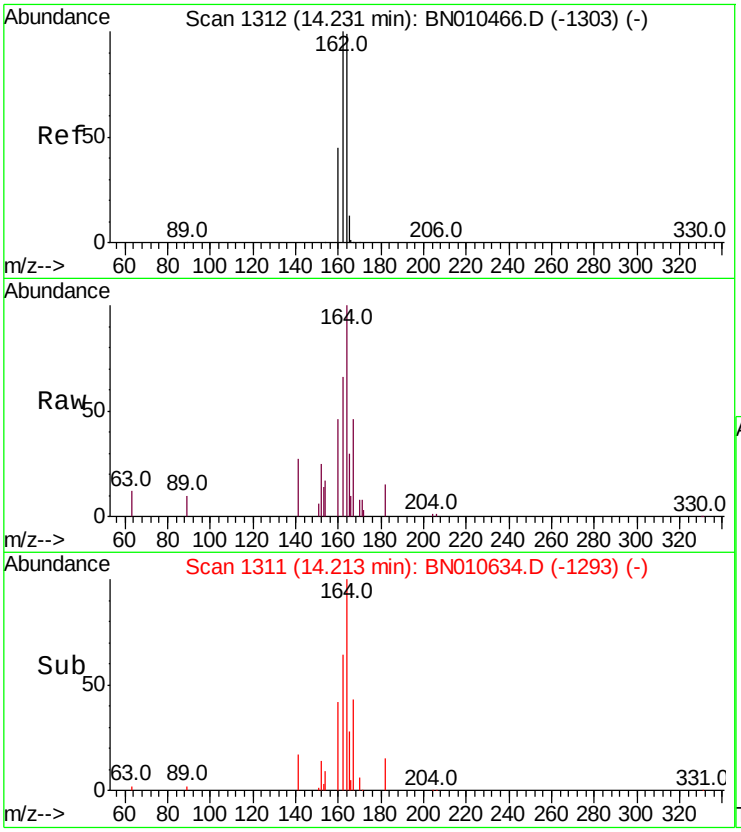


#12
2-Methylnaphthalene
Concen: 16.039 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:142 Resp: 415348

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.9	107.9
115	34.0	28.8	43.2



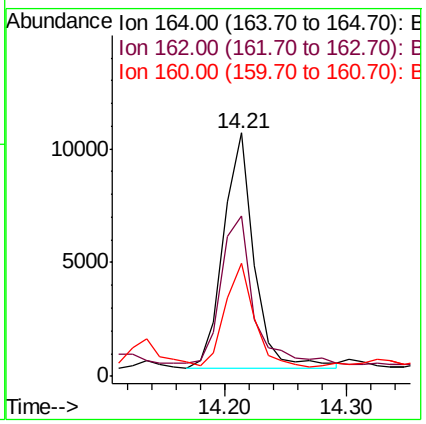


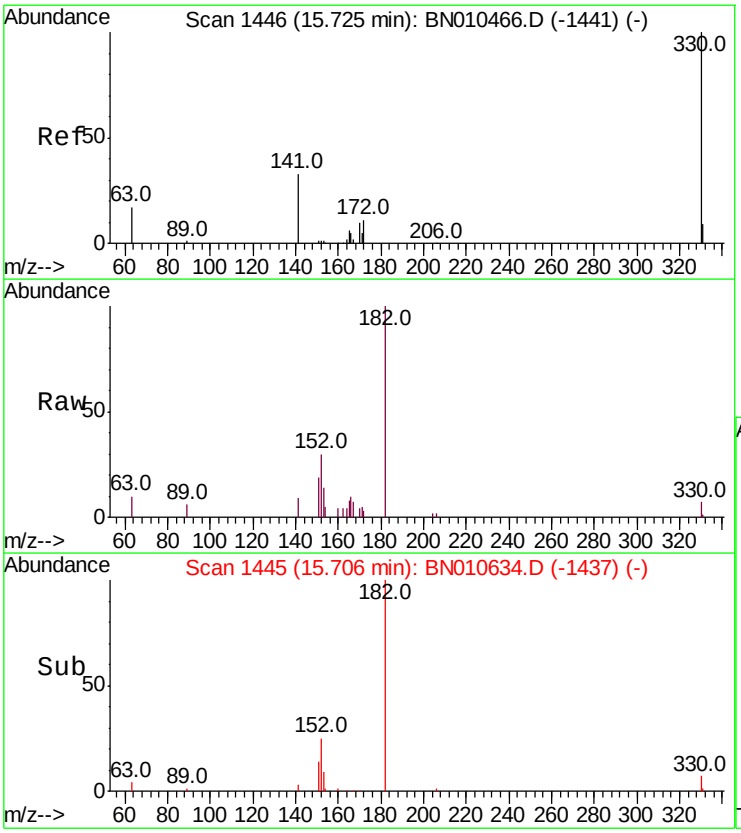
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 17952

Ion	Ratio	Lower	Upper
164	100		
162	65.8	80.6	121.0#
160	46.4	36.5	54.7

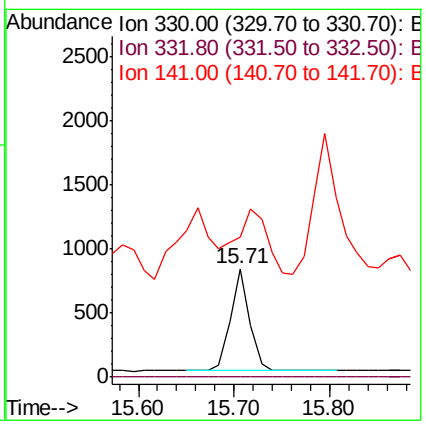


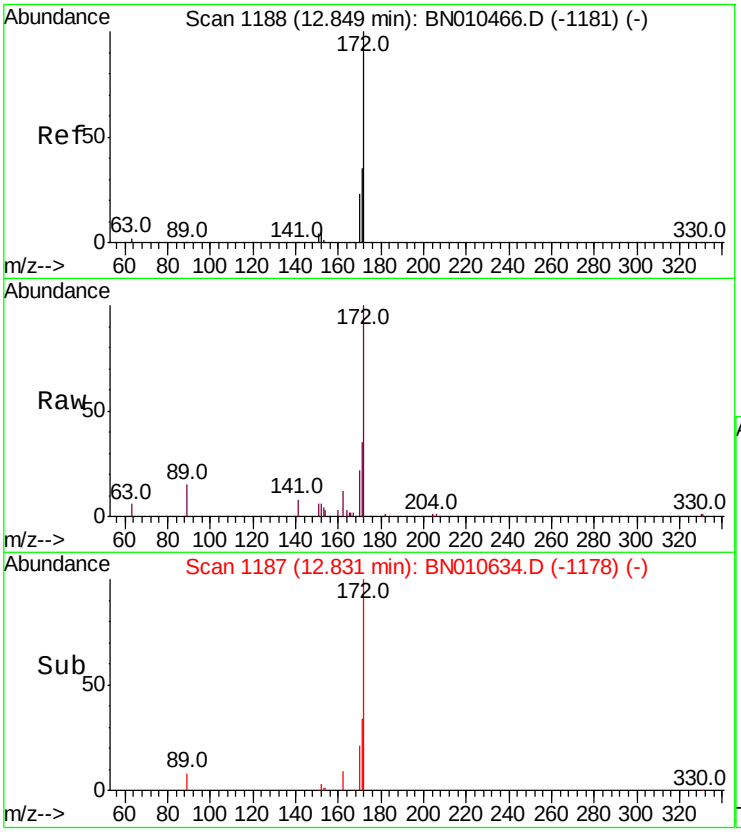


#14
2,4,6-Tribromophenol
Concen: 0.131 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:330 Resp: 1111

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	99.6	28.1	42.1#



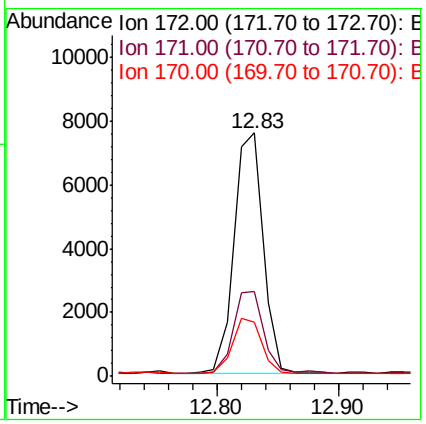


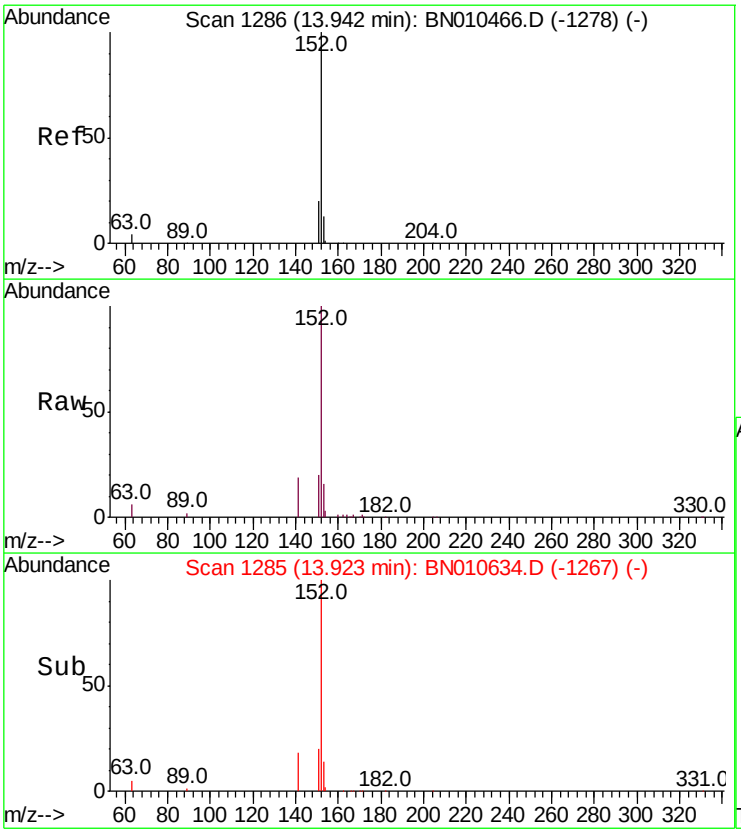
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12719

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.4	18.4	27.6

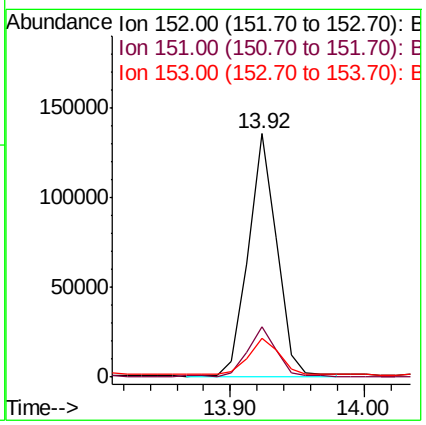


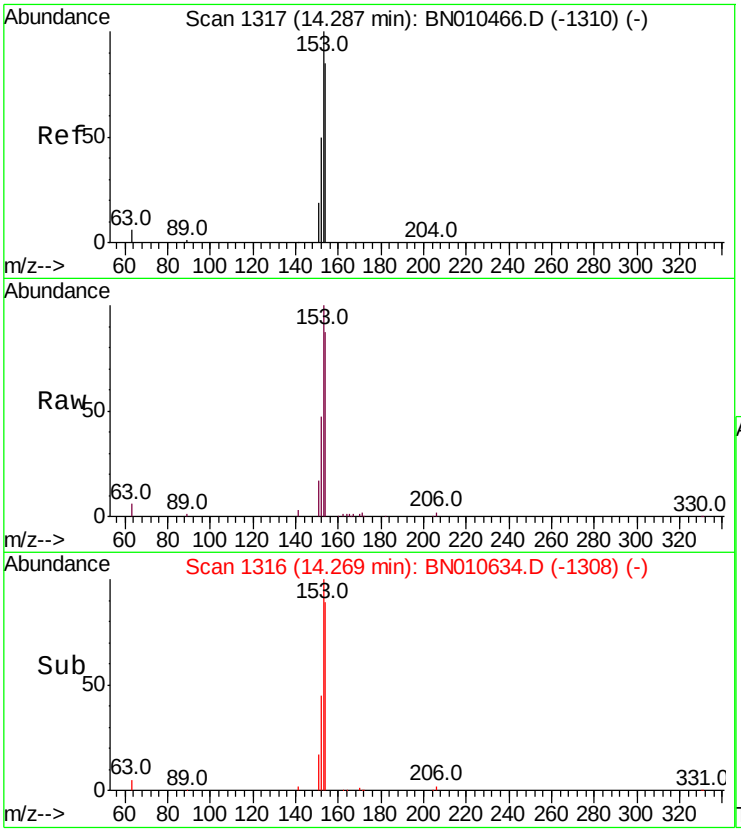


#16
Acenaphthylene
Concen: 2.589 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:152 Resp: 200777

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	17.1	10.6	15.8#



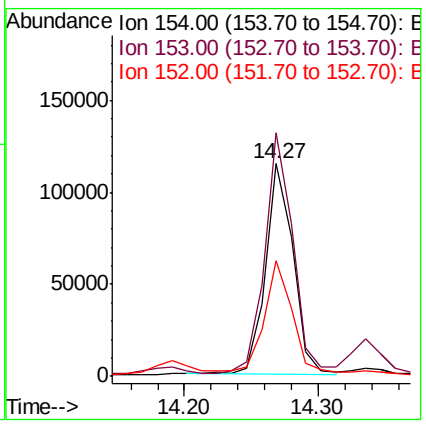


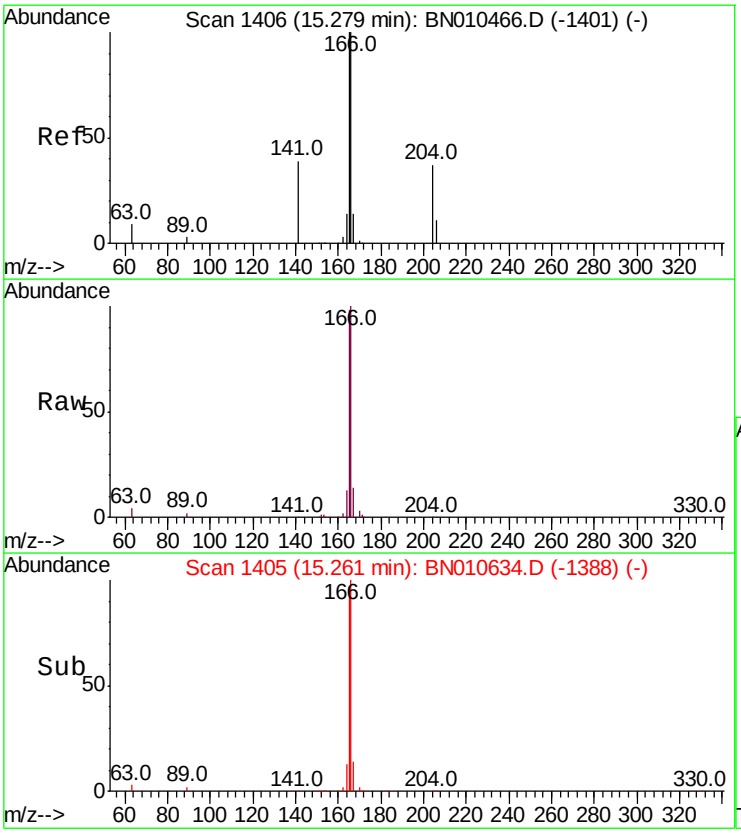
#17
Acenaphthene
Concen: 3.306 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 164769

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.0	136.4
152	51.9	44.6	67.0

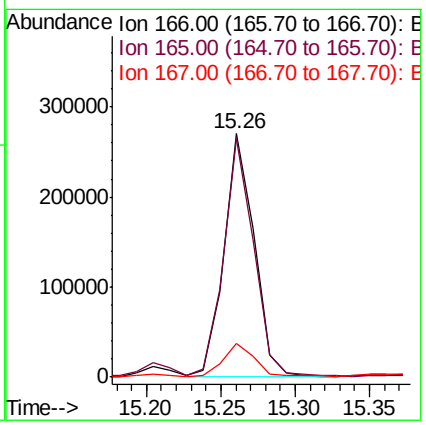


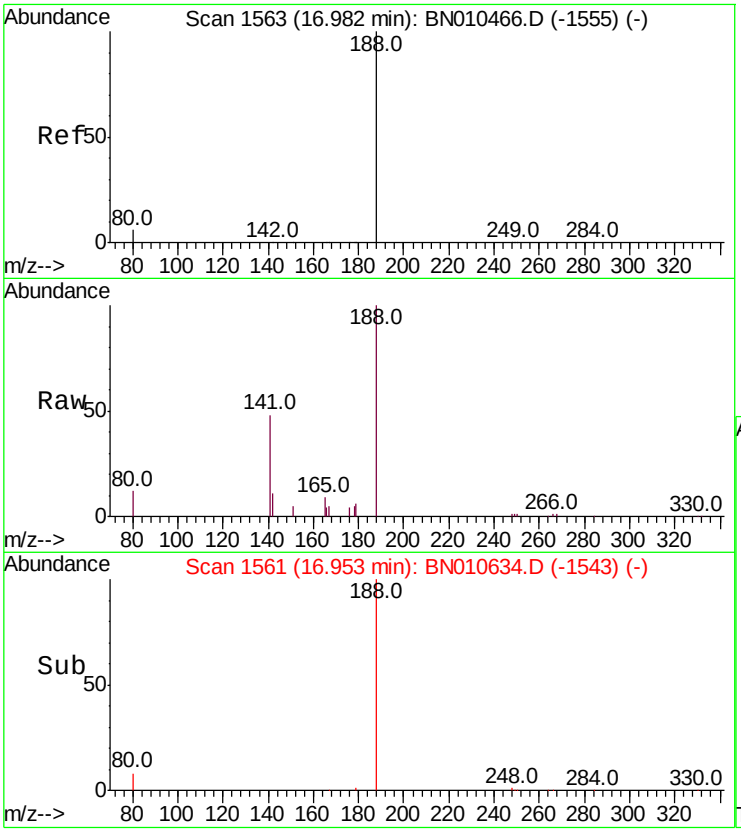


#18
Fluorene
Concen: 5.765 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:166 Resp: 376266

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	14.3	10.9	16.3



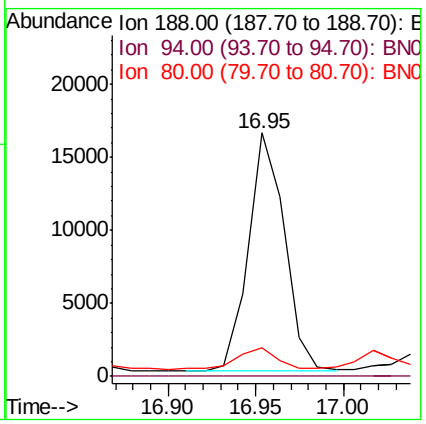


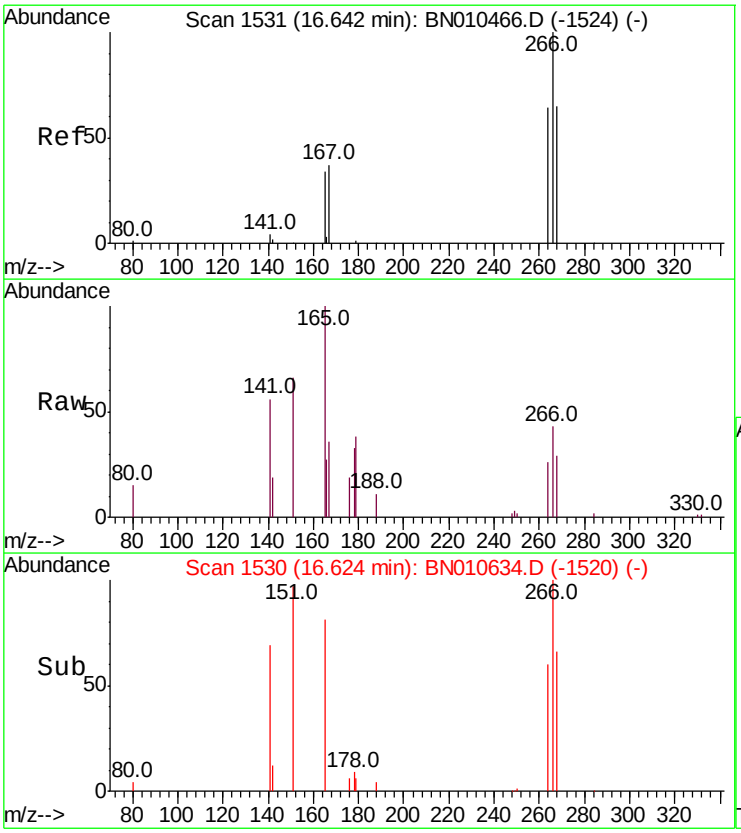
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 23288

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	5.0	7.6#

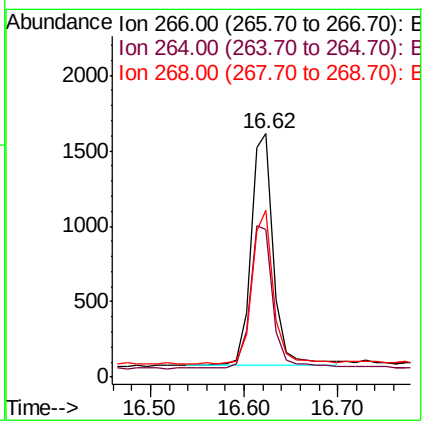


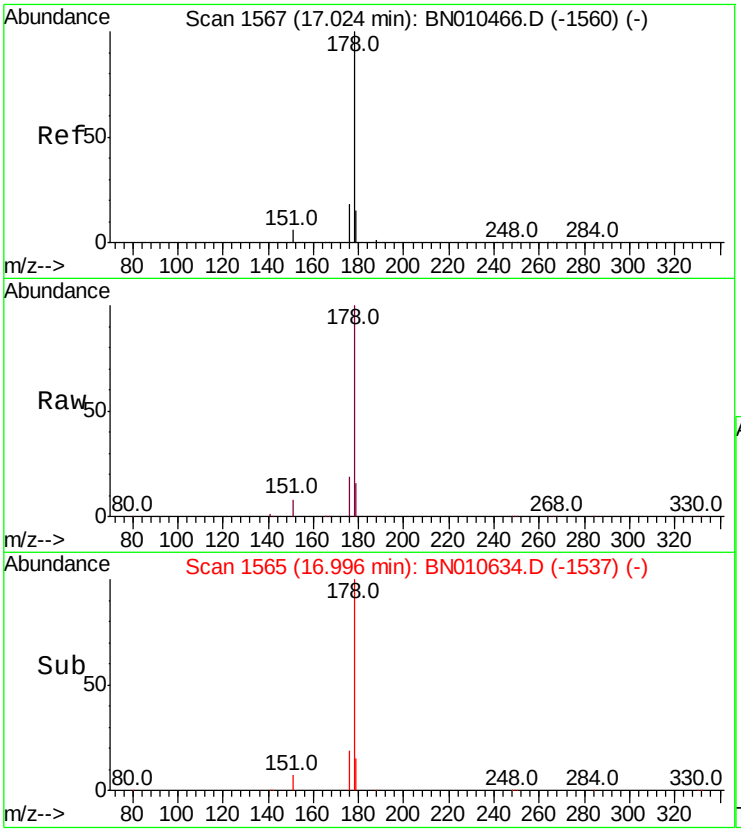


#22
Pentachlorophenol
Concen: 0.449 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:266 Resp: 2609

Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.8	77.6
268	68.6	53.7	80.5



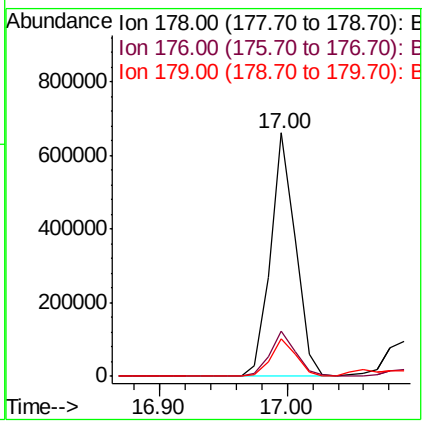


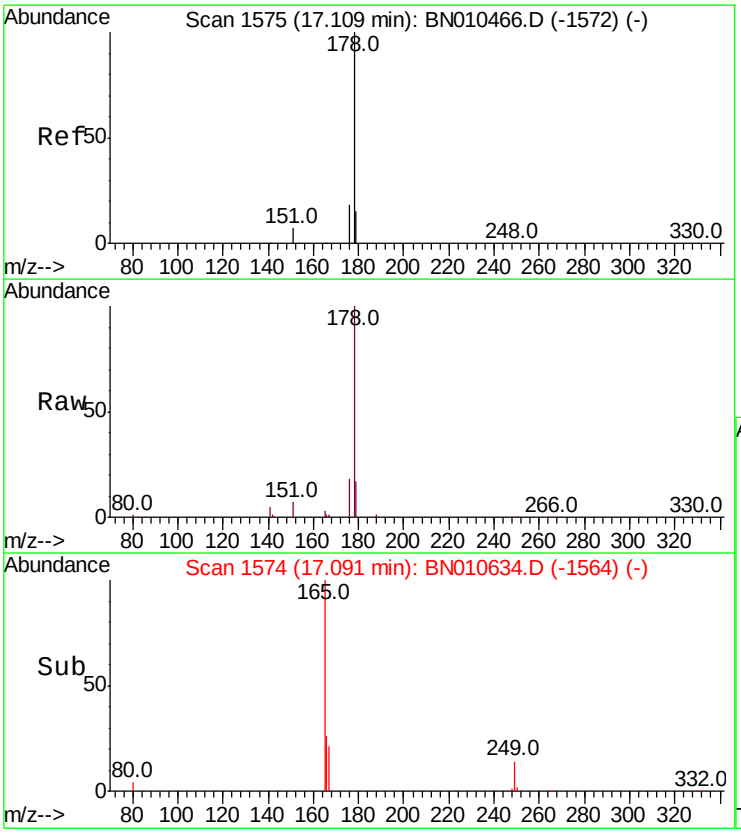
#23
Phenanthrene
Concen: 14.158 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 890454

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.6	12.6	18.8

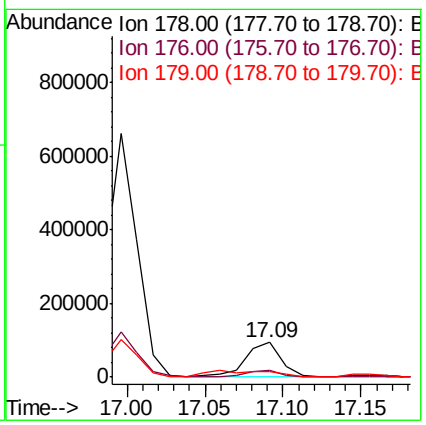


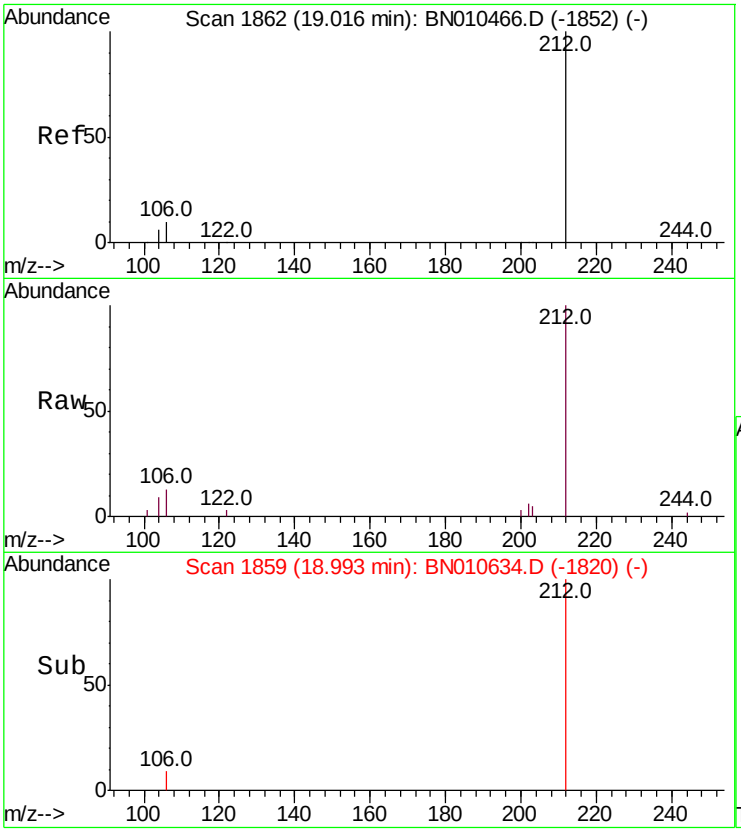


#24
Anthracene
Concen: 2.461 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:178 Resp: 141513

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	0.0	12.2	18.2#



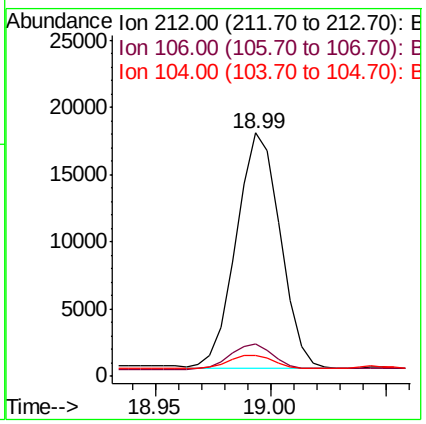


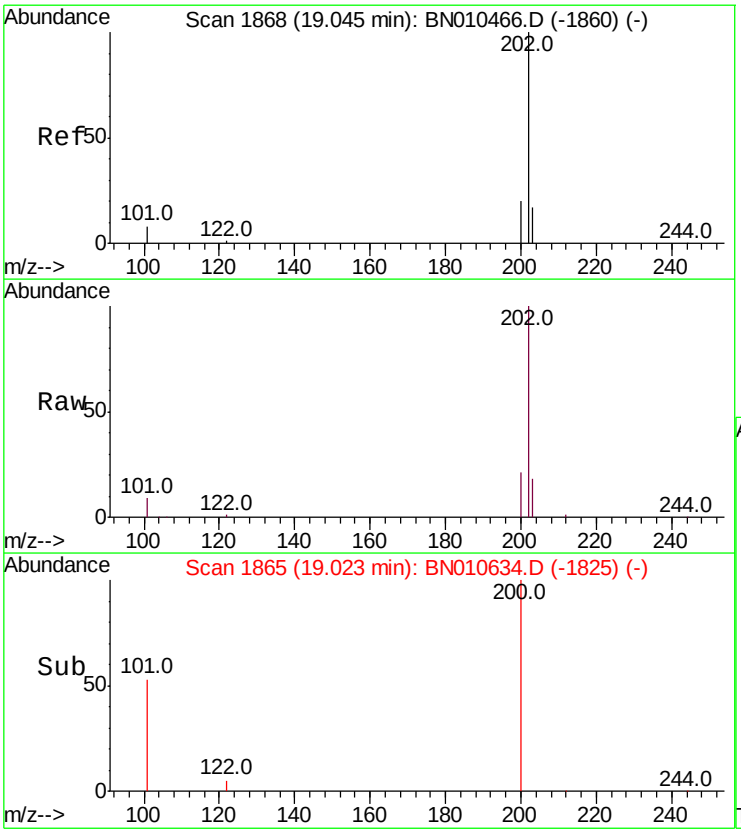
#25
Fluoranthene-d10
Concen: 0.327 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 23057

Ion	Ratio	Lower	Upper
212	100		
106	10.9	7.8	11.6
104	6.1	4.5	6.7

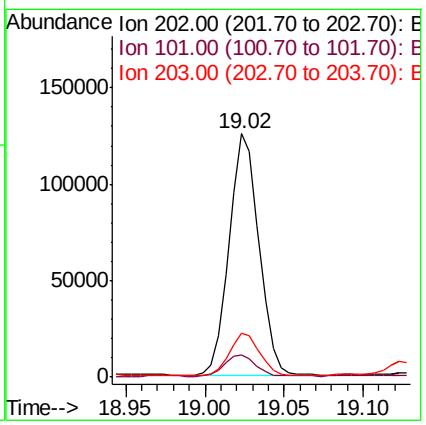


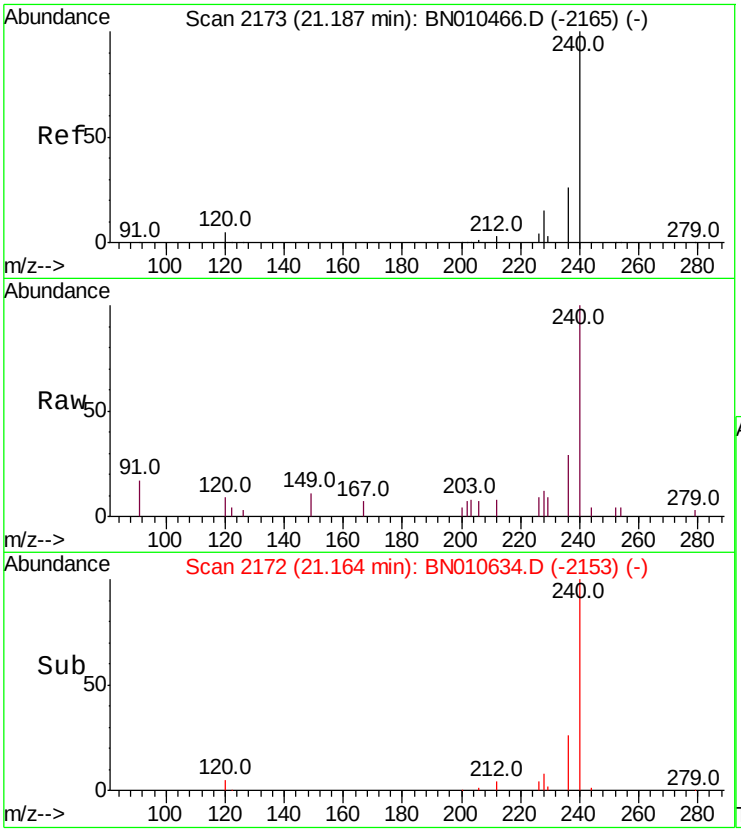


#26
Fluoranthene
Concen: 2.092 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:202 Resp: 163751

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
203	17.6	13.9	20.9



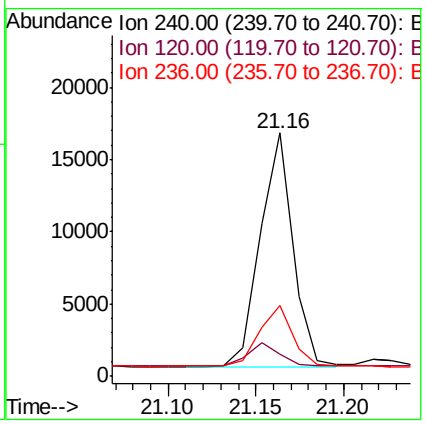


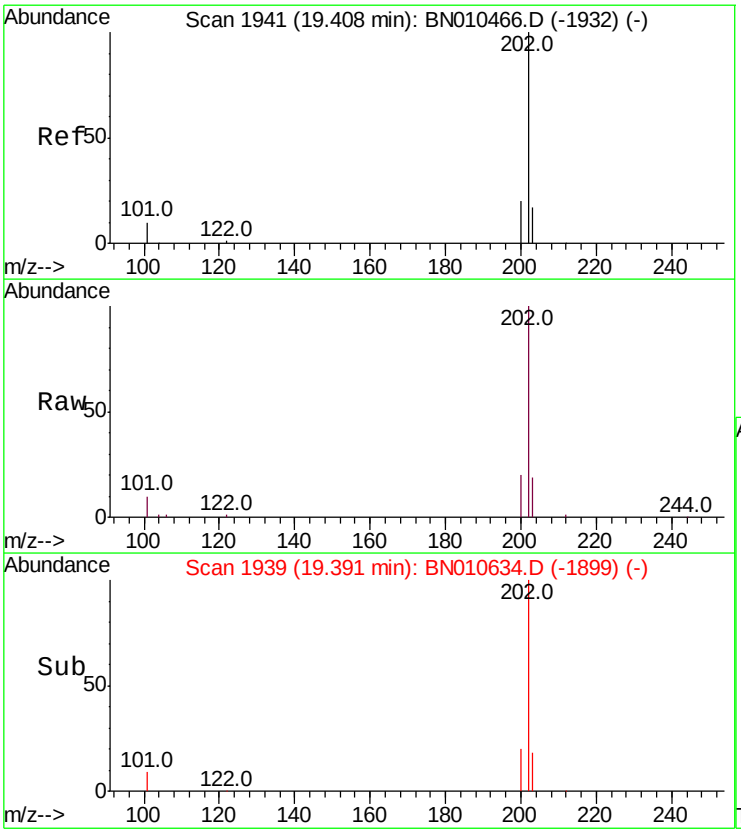
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21096

Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.8	7.2#
236	29.0	21.4	32.0

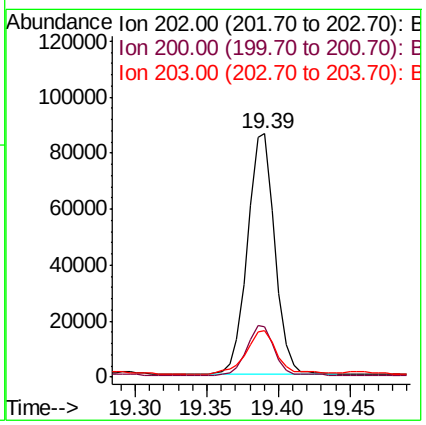


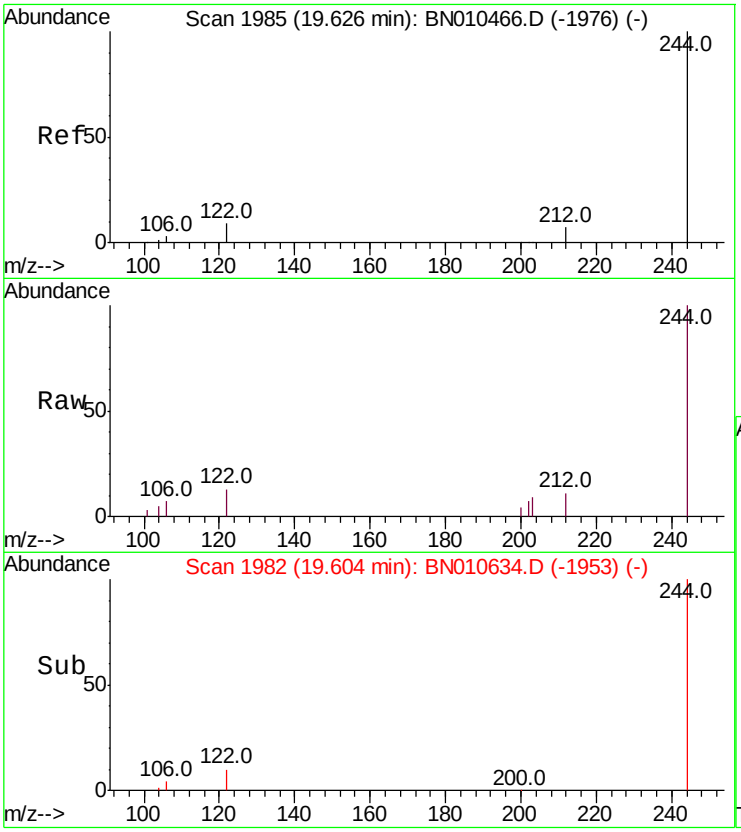


#28
Pyrene
Concen: 1.623 ng
RT: 19.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:202 Resp: 115239

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	20.8	14.0	21.0



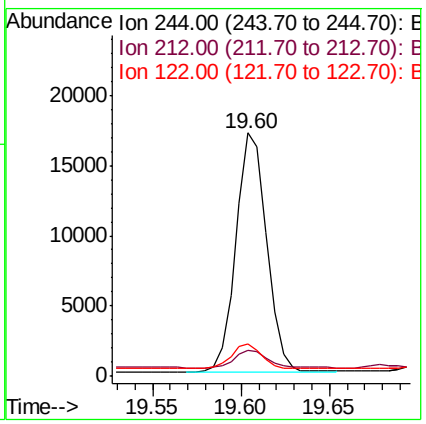


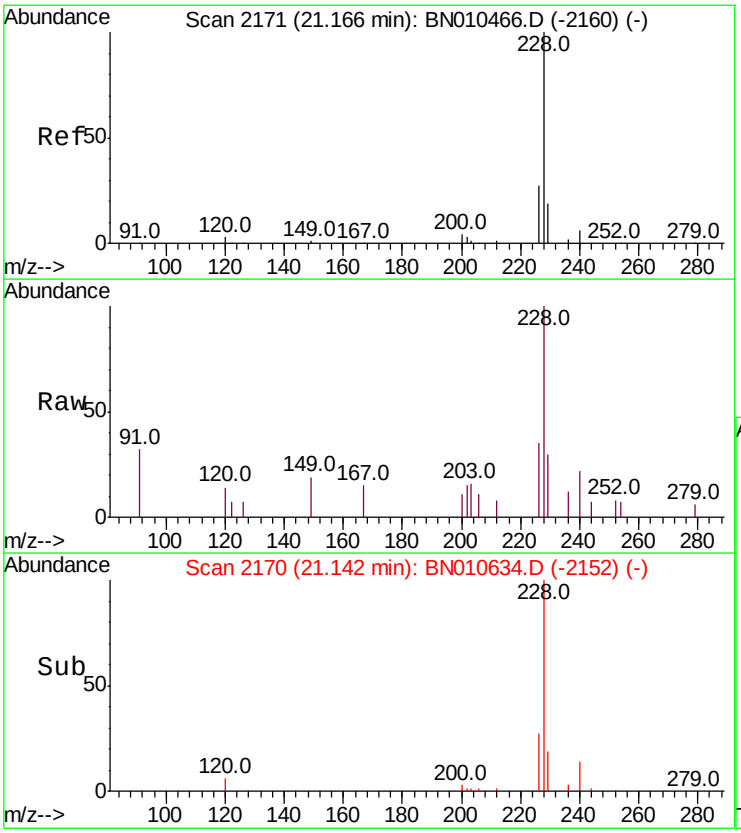
#29
Terphenyl-d14
Concen: 0.424 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 20491

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.2	9.4#
122	13.3	7.8	11.8#

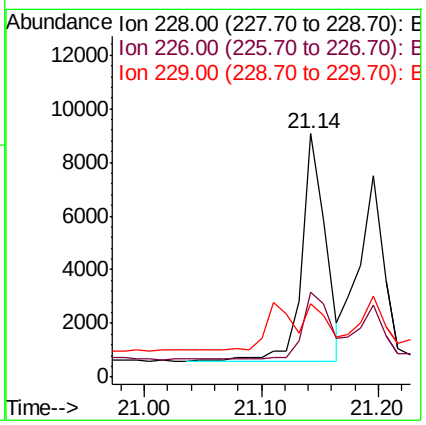


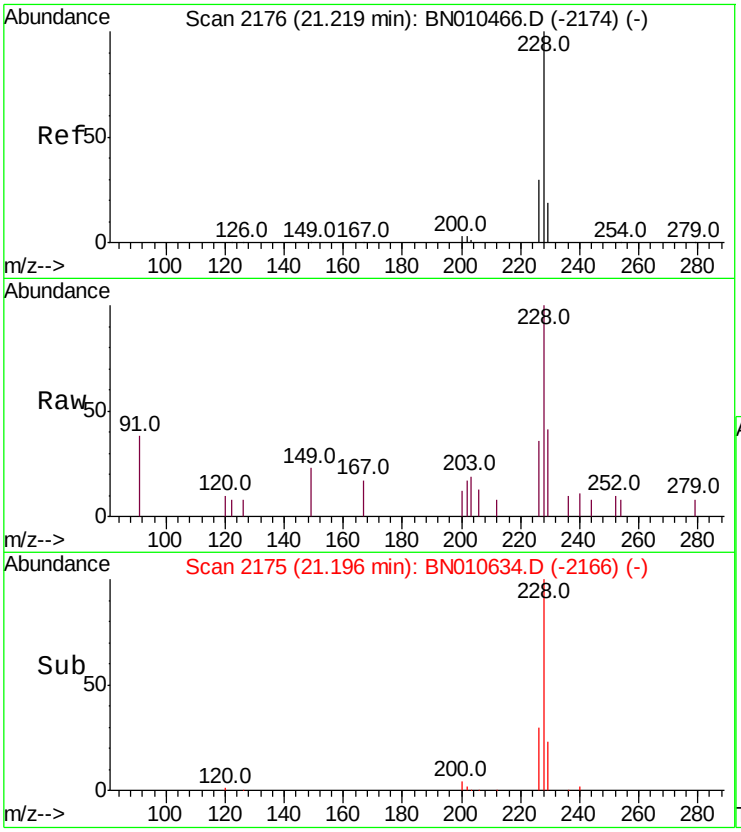


#30
Benzo(a)anthracene
Concen: 0.174 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:228 Resp: 11965

Ion	Ratio	Lower	Upper
228	100		
226	34.9	21.7	32.5#
229	30.2	15.6	23.4#



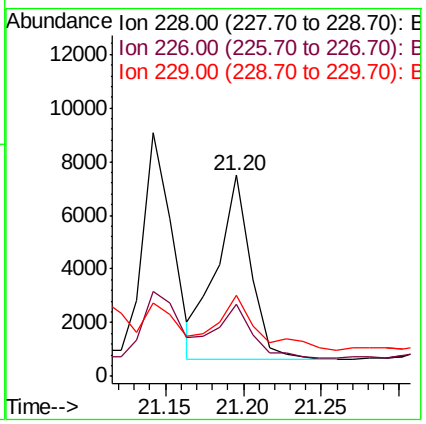


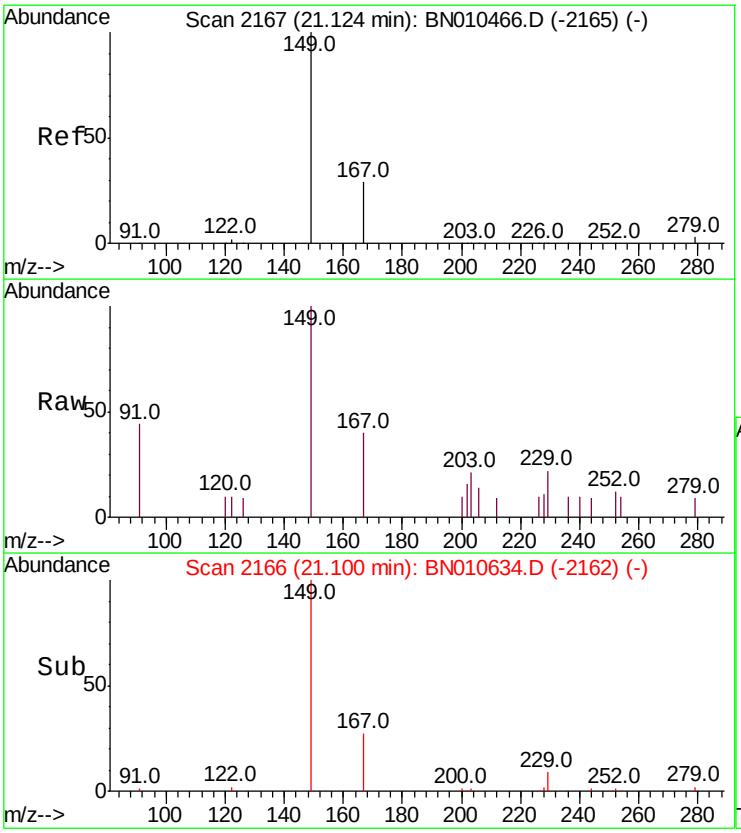
#31
Chrysene
Concen: 0.152 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10421

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.0	36.0
229	40.6	15.8	23.6#

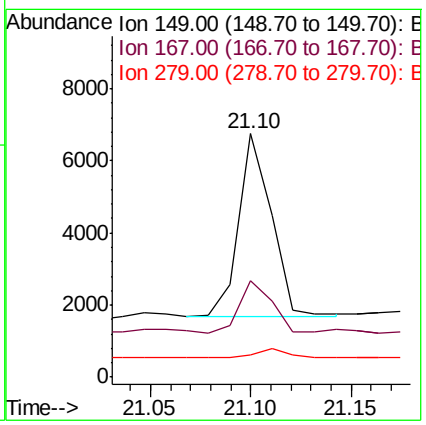


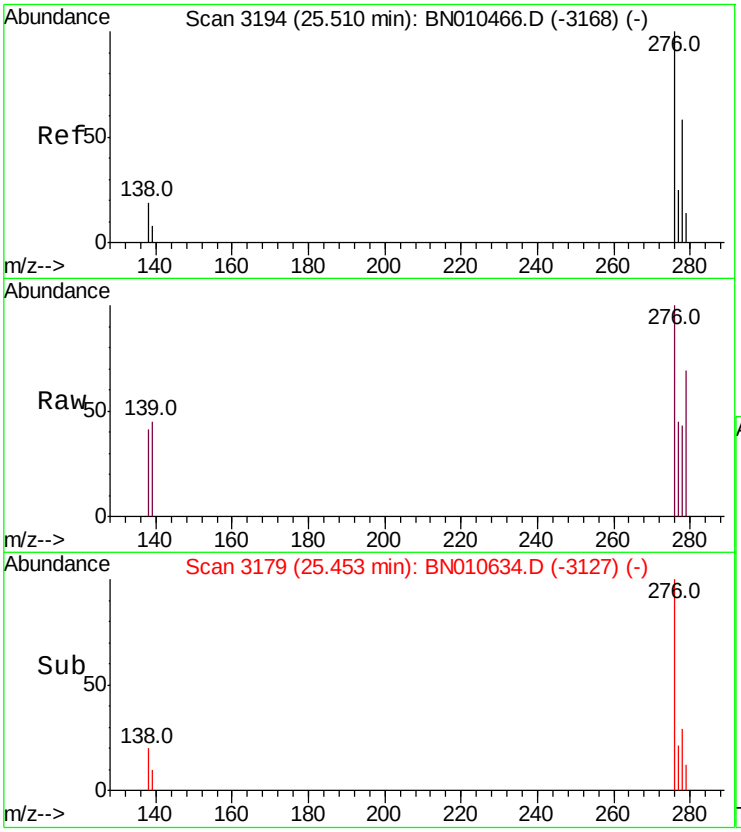


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:149 Resp: 5882

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.4	35.0
279	4.1	4.0	6.0



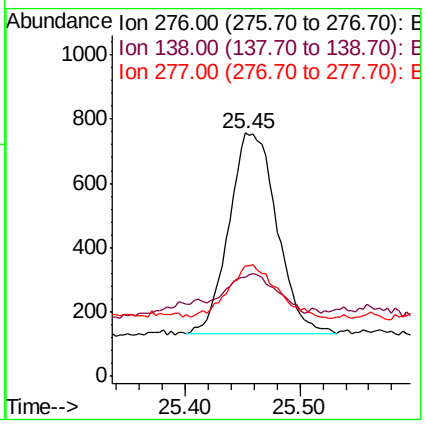


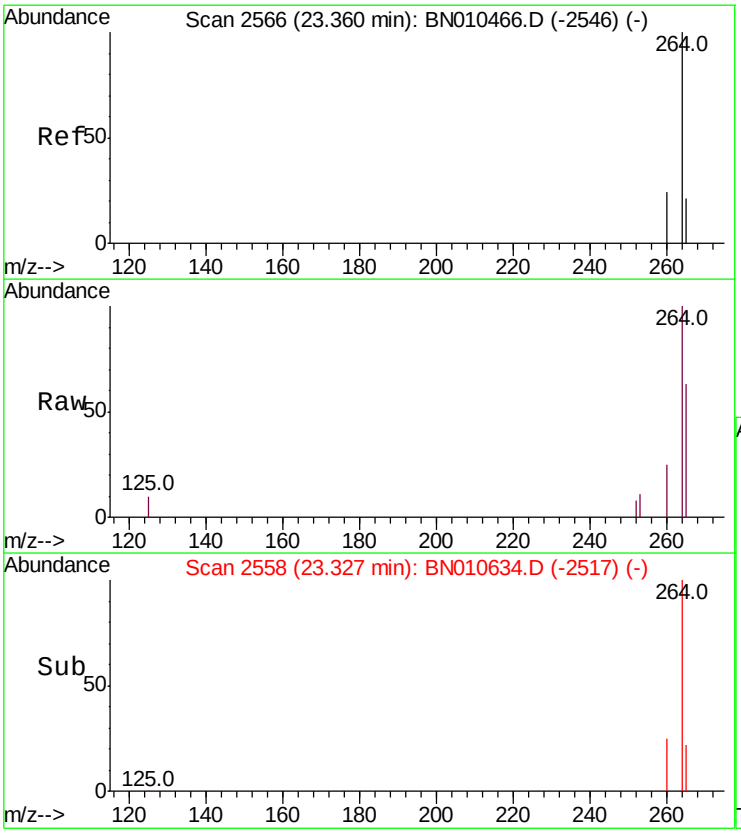
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1798

Ion	Ratio	Lower	Upper
276	100		
138	23.4	16.4	24.6
277	27.5	19.8	29.6

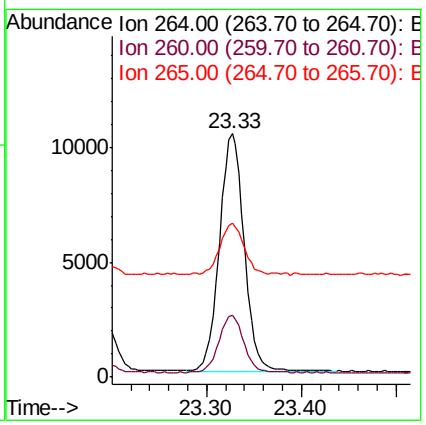


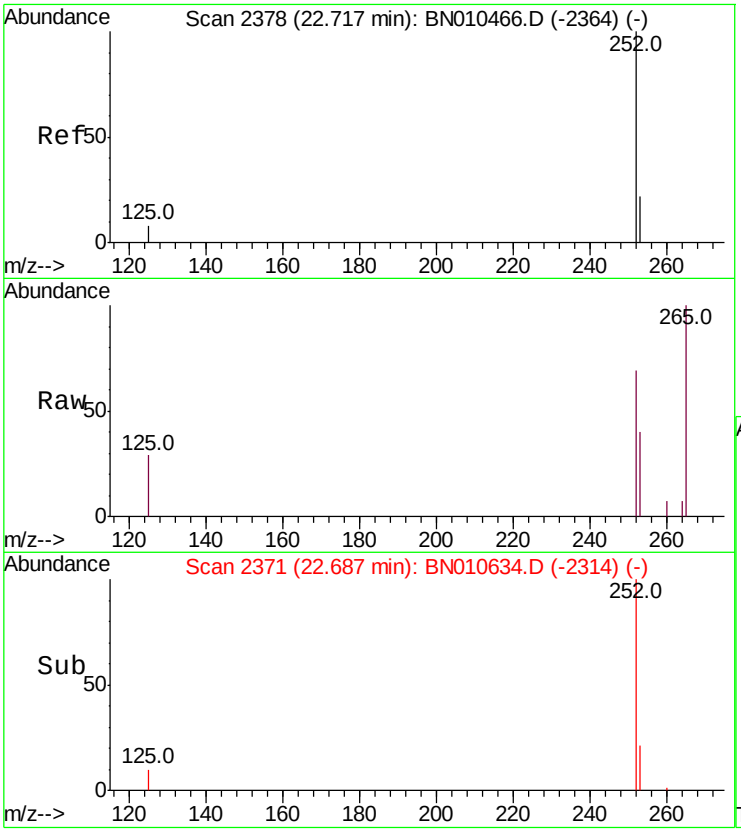


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:264 Resp: 18841

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.8
265	63.5	42.3	63.5



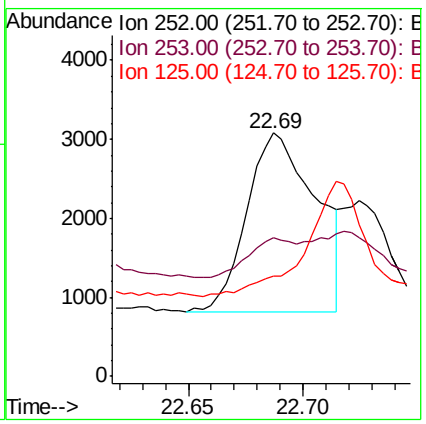


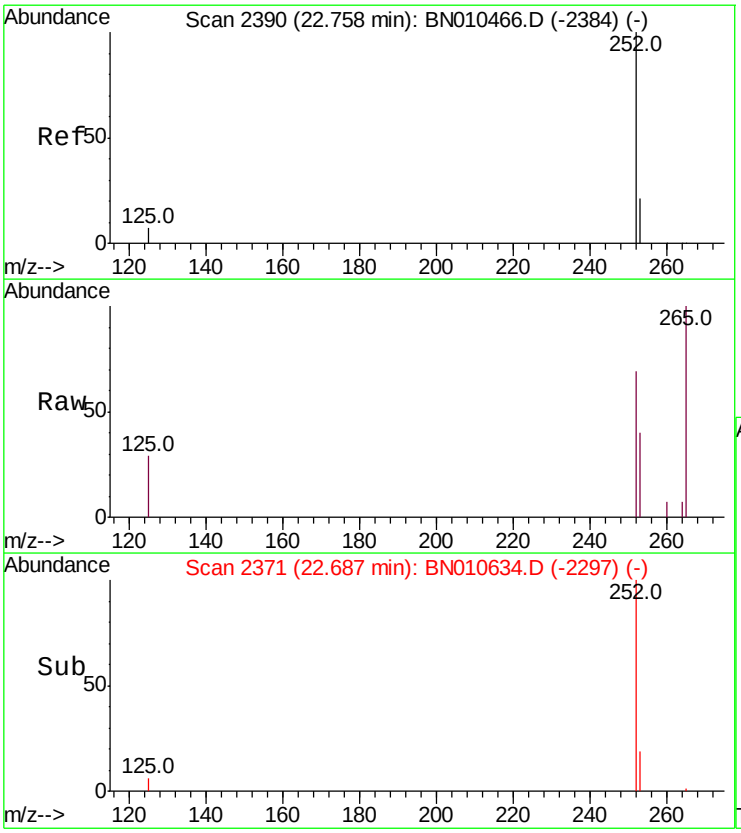
#35
Benzo(b)fluoranthene
Concen: 0.076 ng
RT: 22.69 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4702

Ion	Ratio	Lower	Upper
252	100		
253	57.1	20.2	30.4#
125	41.2	9.2	13.8#

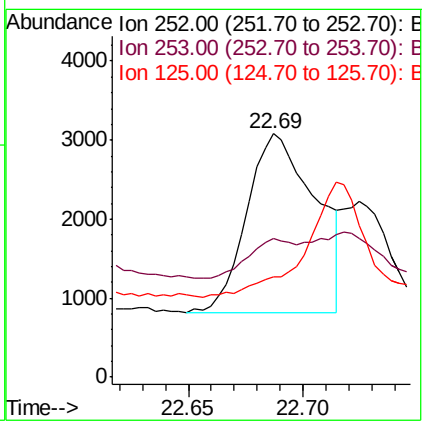


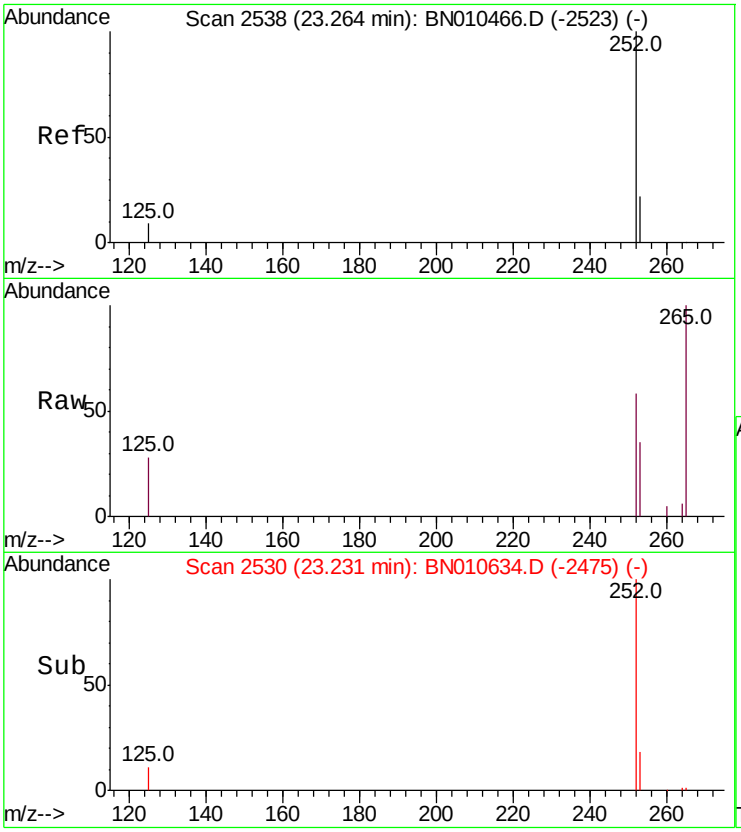


#36
Benzo(k)fluoranthene
Concen: 0.076 ng
RT: 22.69 min Scan# 2371
Delta R.T. -0.05 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:252 Resp: 4702

Ion	Ratio	Lower	Upper
252	100		
253	57.1	20.1	30.1#
125	41.2	9.6	14.4#



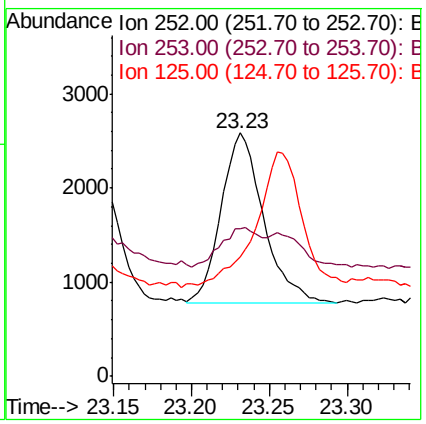


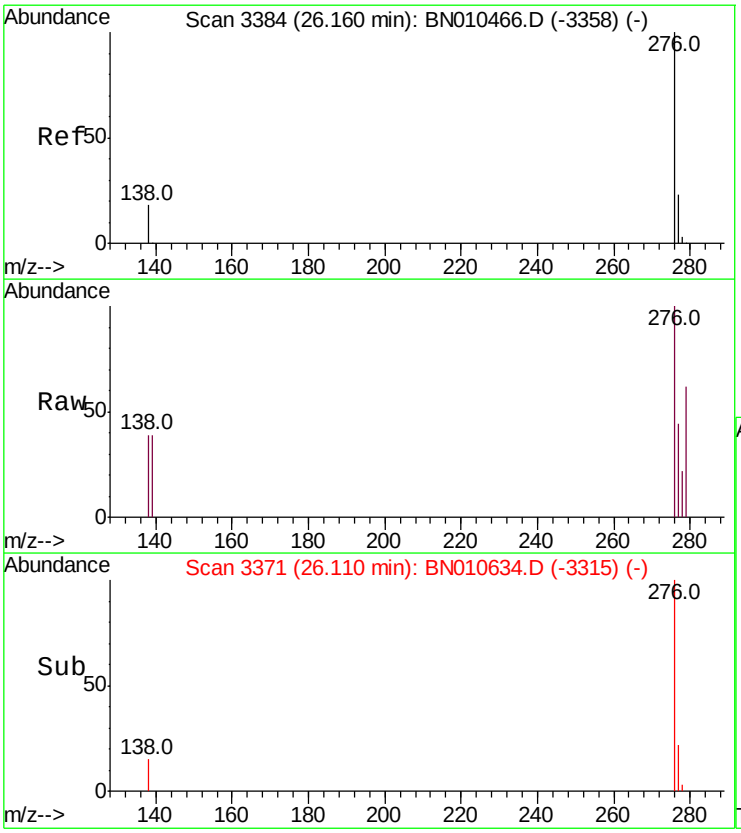
#37
Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.23 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3387

Ion	Ratio	Lower	Upper
252	100		
253	60.9	21.8	32.8#
125	49.2	11.0	16.6#





#39
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.11 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN010634.D
Acq: 28 Apr 2020 21:51

Tgt Ion:276 Resp: 1698

Ion	Ratio	Lower	Upper
276	100		
277	43.7	20.2	30.2#
138	39.2	15.4	23.2#