Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
Data File : BN011015.D
Acq On : 22 Jun 2020 18:39
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : KY032MW006-200616

Quant Time: Jun 22 19:12:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	4523	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	43556	0.40	ng		-0.03
13) Acenaphthene-d10	14.16	164	9935	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	12782	0.40	ng		-0.01
27) Chrysene-d12	21.11	240	10719	0.40	ng		-0.01
34) Perylene-d12	23.26	264	13945	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2087	0.24	ng		0.02
5) Phenol-d6	6.74	99	4873	0.47	ng		0.02
8) Nitrobenzene-d5	8.63	82	30584	0.95	ng		-0.04
11) 2-Methylnaphthalene-d10	11.82	152	820	0.01	ng		-0.05
14) 2,4,6-Tribromophenol	15.66	330	1412	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.78	172	11000	0.28	ng		0.00
25) Fluoranthene-d10	18.94	212	13106	0.37	ng		0.00
29) Terphenyl-d14	19.56	244	13811	0.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	10161224	2293.573	ng		98
3) n-Nitrosodimethylamine	3.51	42	608539	236.283	ng	#	1
6) bis(2-Chloroethyl)ether	6.99	93	2946940	293.855	ng		97
9) Naphthalene	10.34	128	1279373	11.688	ng		97
12) 2-Methylnaphthalene	11.95	142	118529	1.618	ng	#	96
16) Acenaphthylene	13.88	152	1225	0.030	ng	#	3
17) Acenaphthene	14.20	154	1653	0.060	ng	#	65
18) Fluorene	15.21	166	2384	0.067	ng	#	46
23) Phenanthrene	16.94	178	1774	0.051	ng	#	60
24) Anthracene	17.04	178	1324	0.045	ng	#	21
26) Fluoranthene	18.97	202	1050	0.026	ng	#	92
30) Benzo(a)anthracene	21.12	228	676	0.021	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.06	149	6673	0.635	ng	#	80

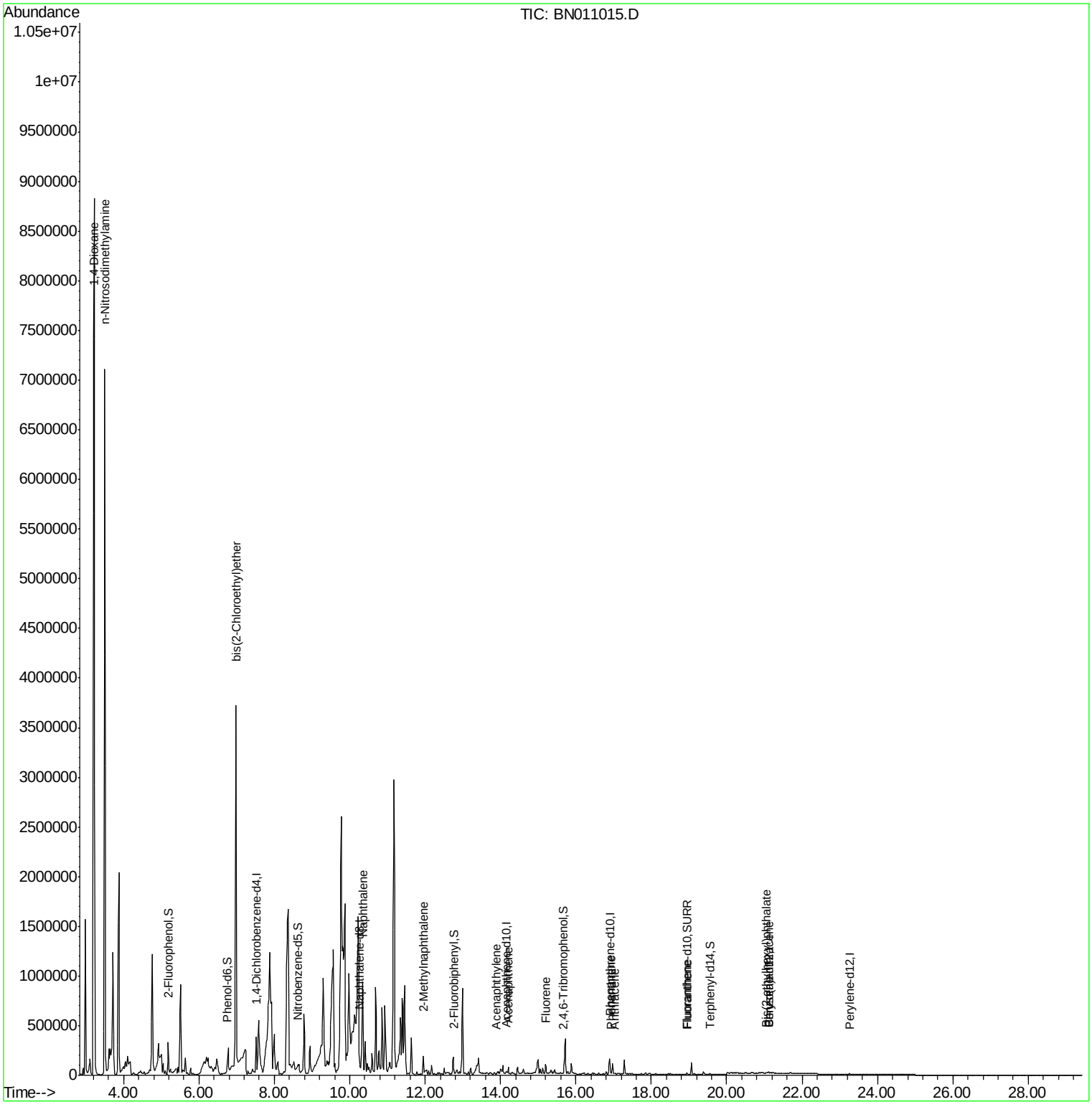
(#) = qualifier out of range (m) = manual integration (+) = signals summed

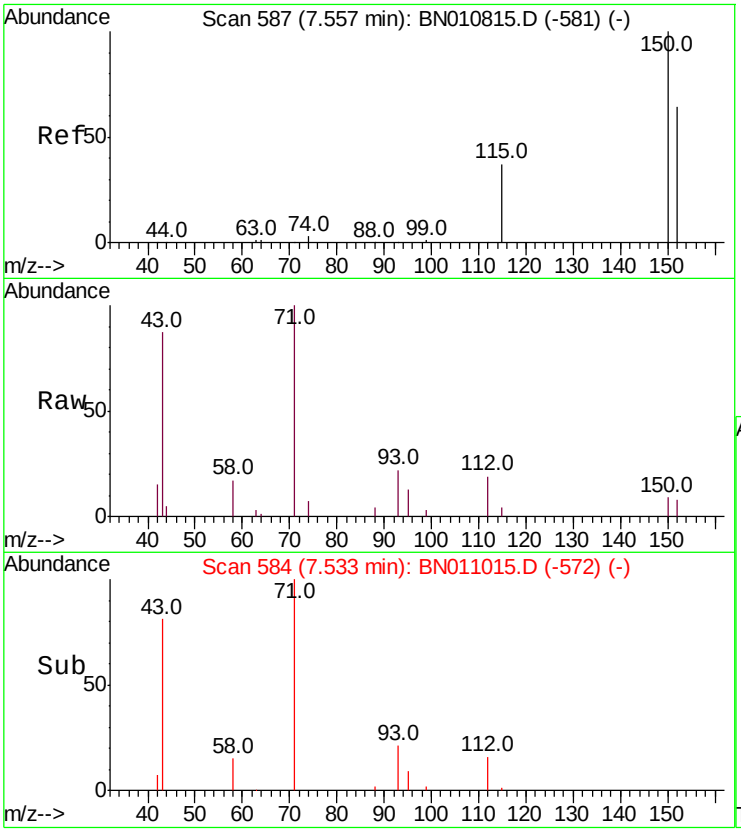
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
Data File : BN011015.D
Acq On : 22 Jun 2020 18:39
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Quant Time: Jun 22 19:12:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration



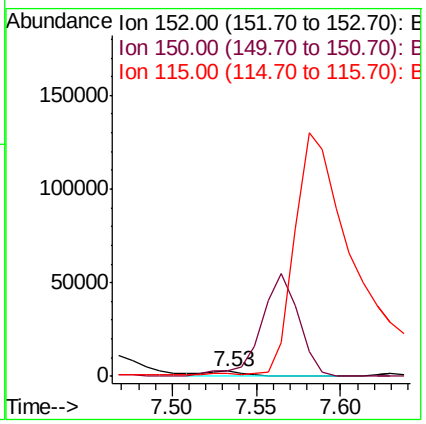


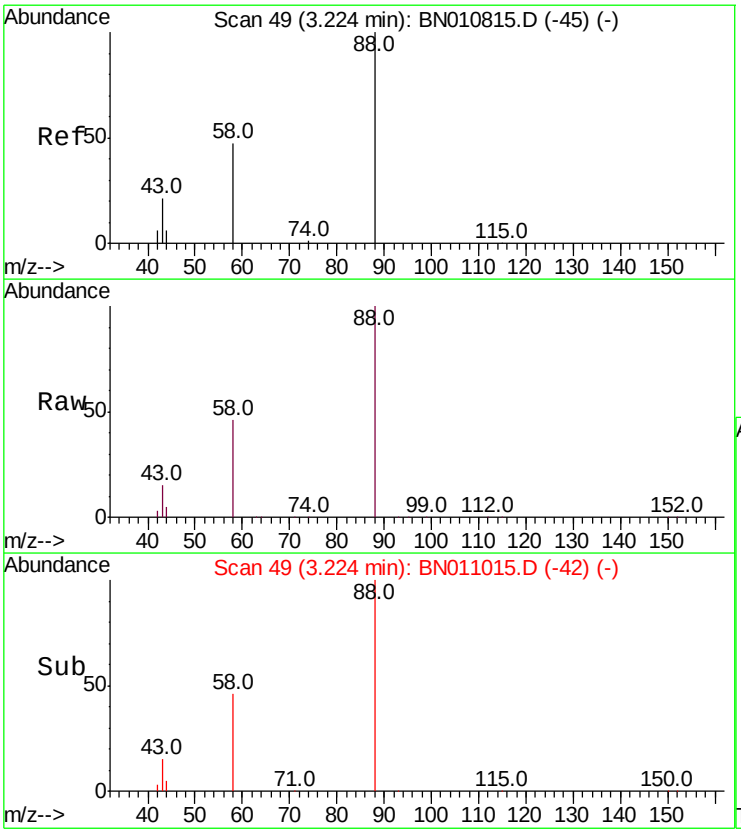
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:152 Resp: 4523

Ion	Ratio	Lower	Upper
152	100		
150	119.9	123.8	185.6#
115	51.4	49.2	73.8

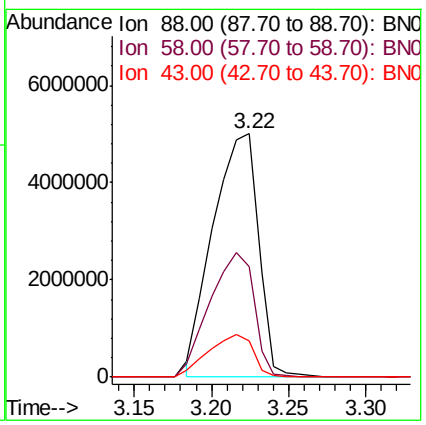


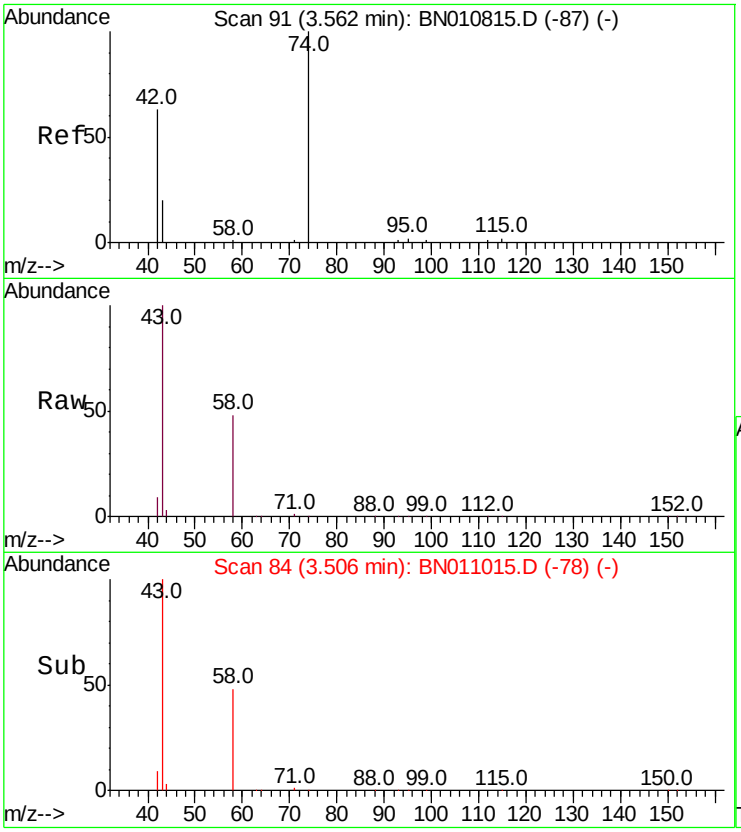


#2
1,4-Dioxane
Concen: 2293.573 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion: 88 Resp:10161224

Ion	Ratio	Lower	Upper
88	100		
58	48.8	38.2	57.4
43	16.8	15.1	22.7



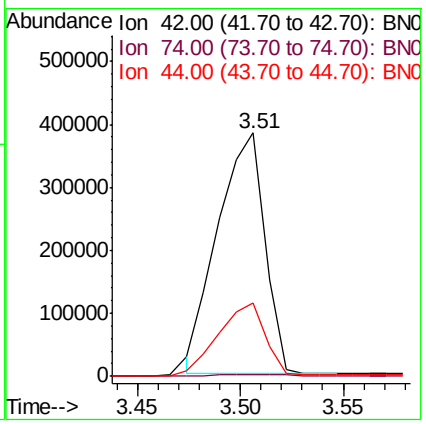


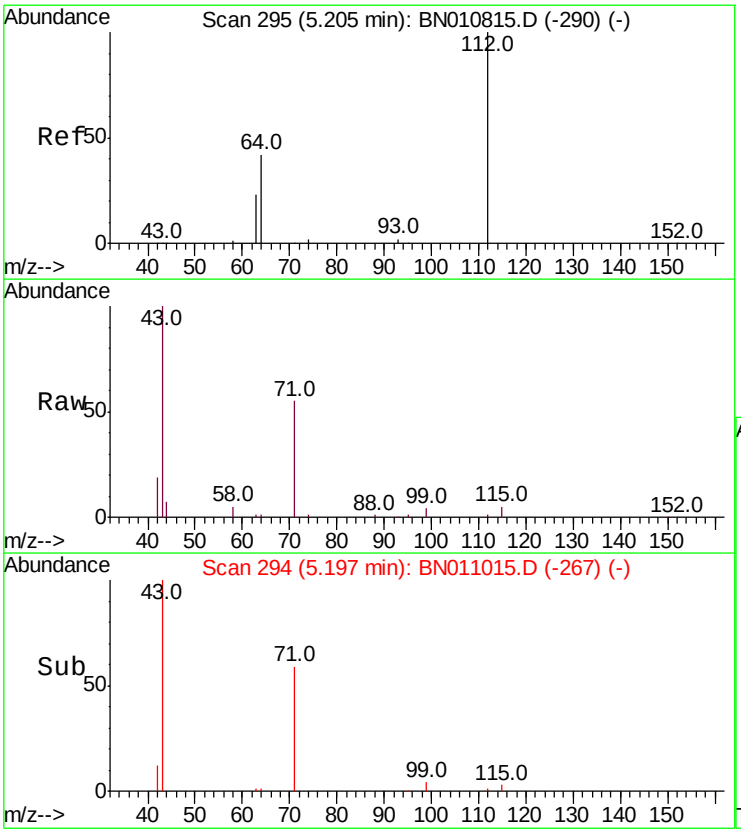
#3
n-Nitrosodimethylamine
Concen: 236.283 ng
RT: 3.51 min Scan# 84
Delta R.T. -0.05 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion: 42 Resp: 608539

Ion	Ratio	Lower	Upper
42	100		
74	1.2	140.7	211.1#
44	29.1	1.4	2.2#

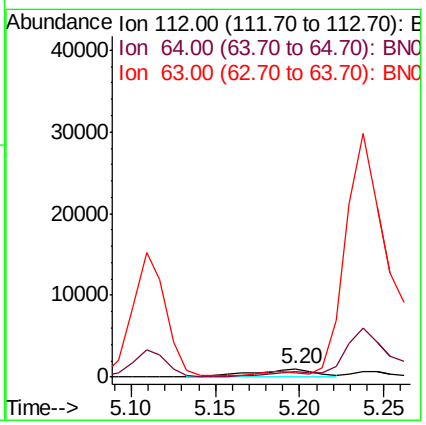


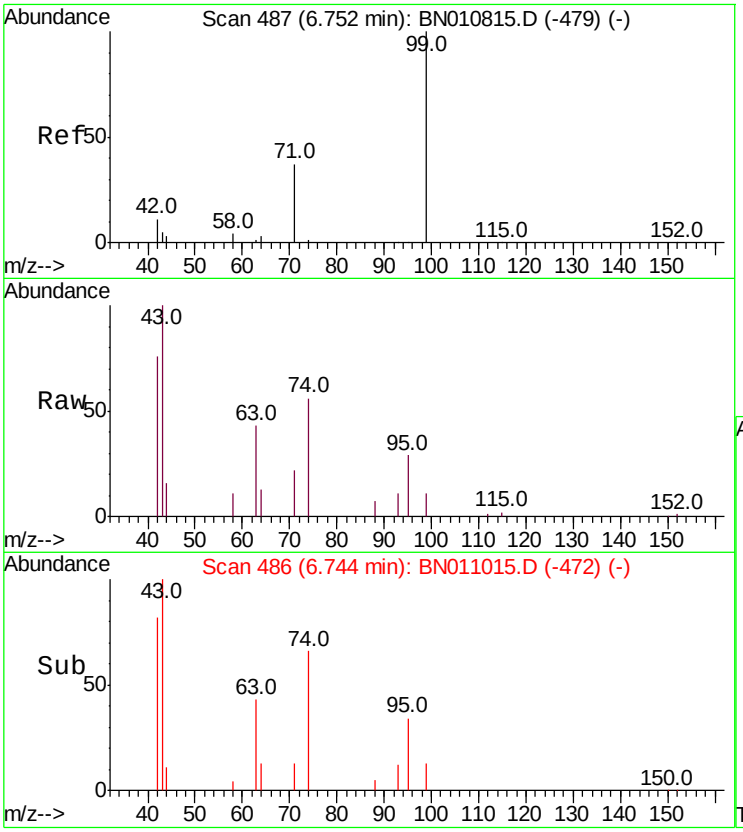


#4
2-Fluorophenol
Concen: 0.239 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.02 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:112 Resp: 2087

Ion	Ratio	Lower	Upper
112	100		
64	0.0	37.4	56.0#
63	0.0	22.2	33.4#



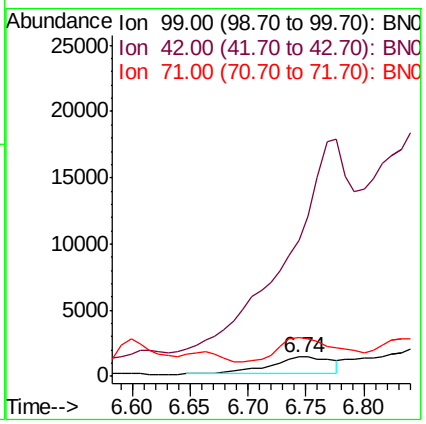


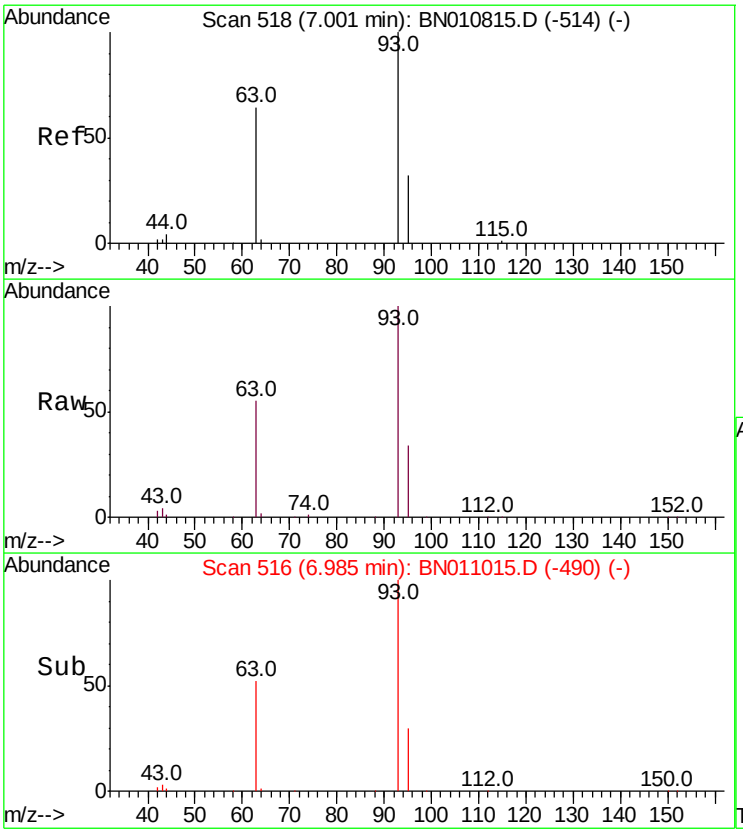
#5
Phenol-d6
Concen: 0.474 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.02 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion: 99 Resp: 4873

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.1	16.7#
71	134.7	31.4	47.2#

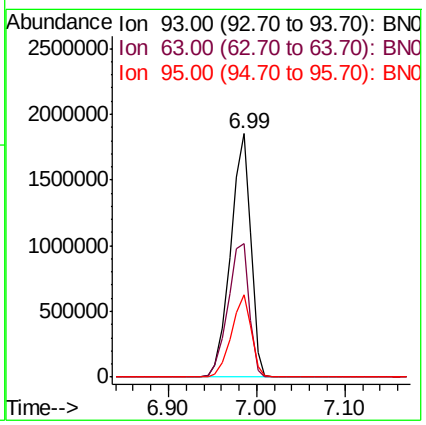


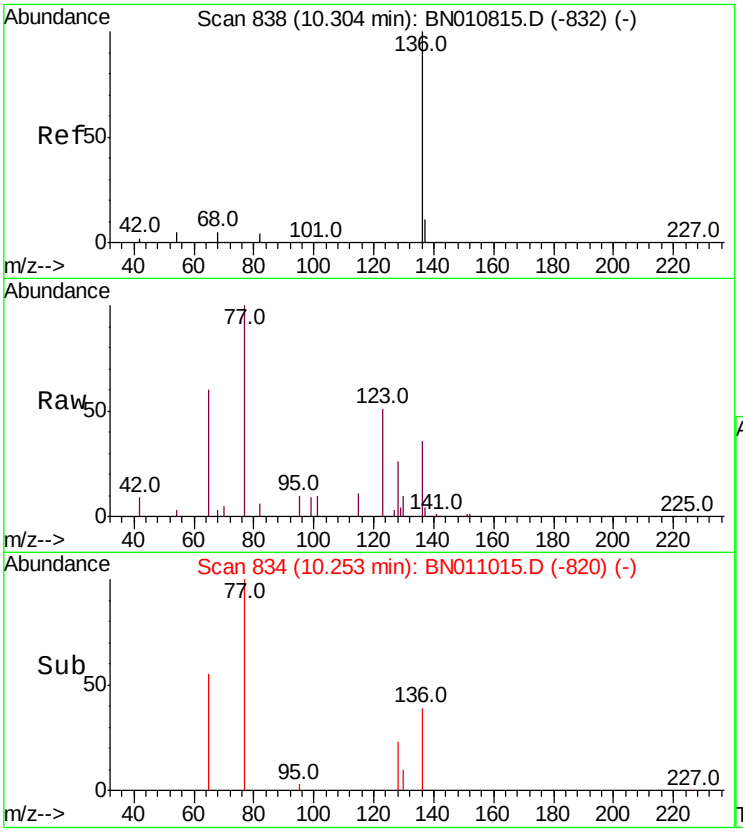


#6
bis(2-Chloroethyl)ether
Concen: 293.855 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion: 93 Resp: 2946940

Ion	Ratio	Lower	Upper
93	100		
63	57.9	49.4	74.2
95	33.5	26.7	40.1



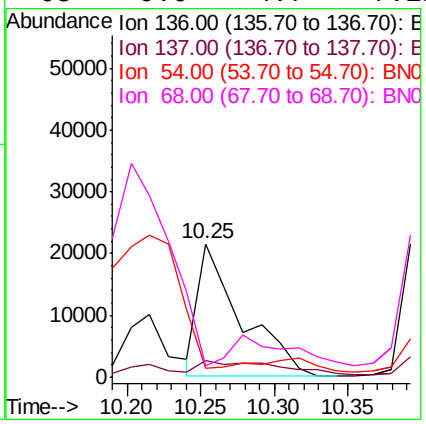


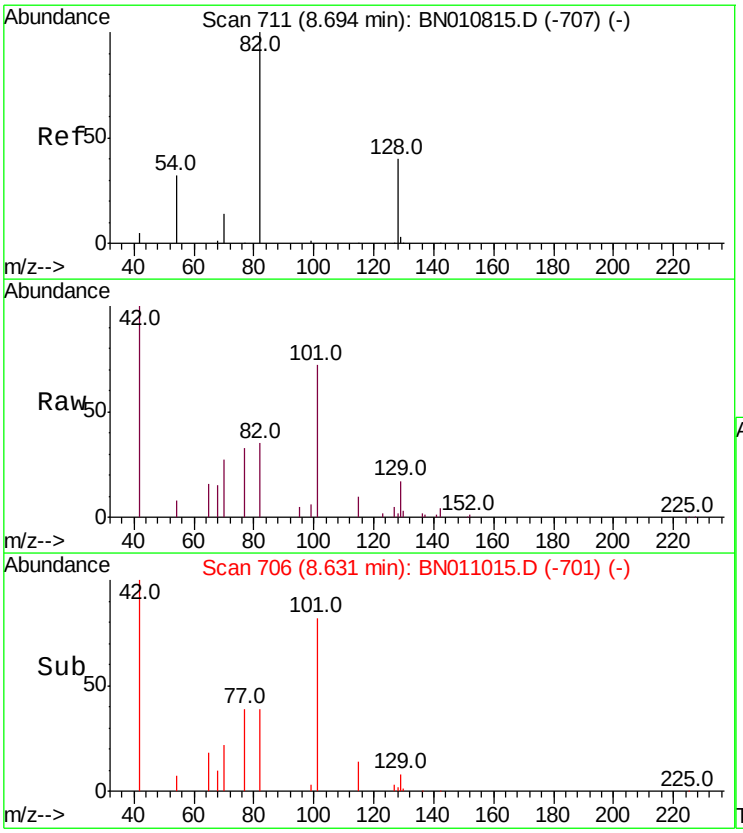
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.25 min Scan# 834
Delta R.T. -0.03 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument : BNA_N
ClientSampleId : KY032MW006-200616

Tgt Ion:136 Resp: 43556

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	7.1	4.9	7.3
68	9.0	4.7	7.1#

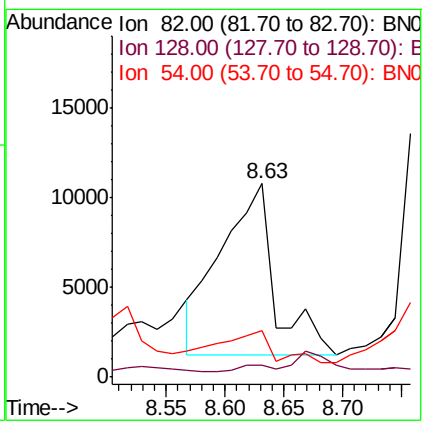


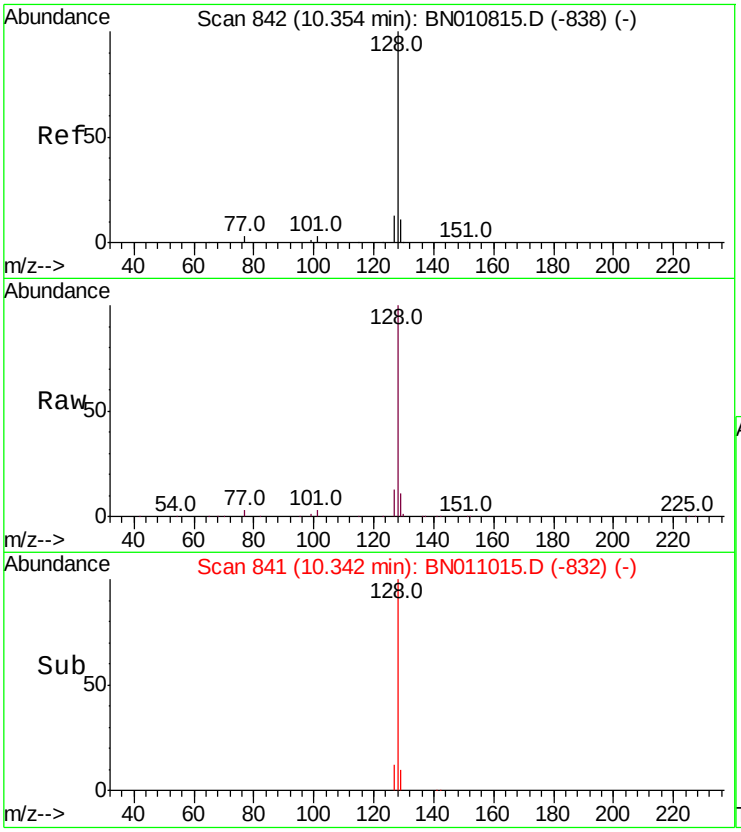


#8
Nitrobenzene-d5
Concen: 0.949 ng
RT: 8.63 min Scan# 706
Delta R.T. -0.04 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion: 82 Resp: 30584

Ion	Ratio	Lower	Upper
82	100		
128	6.3	35.4	53.0#
54	23.8	28.2	42.4#



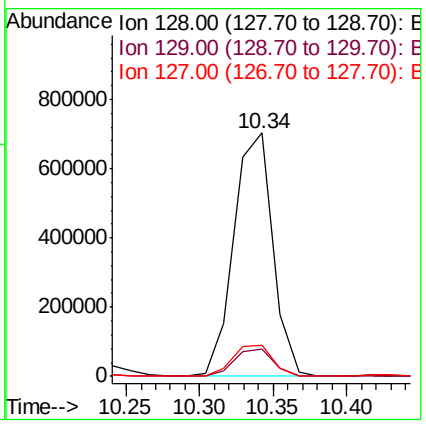


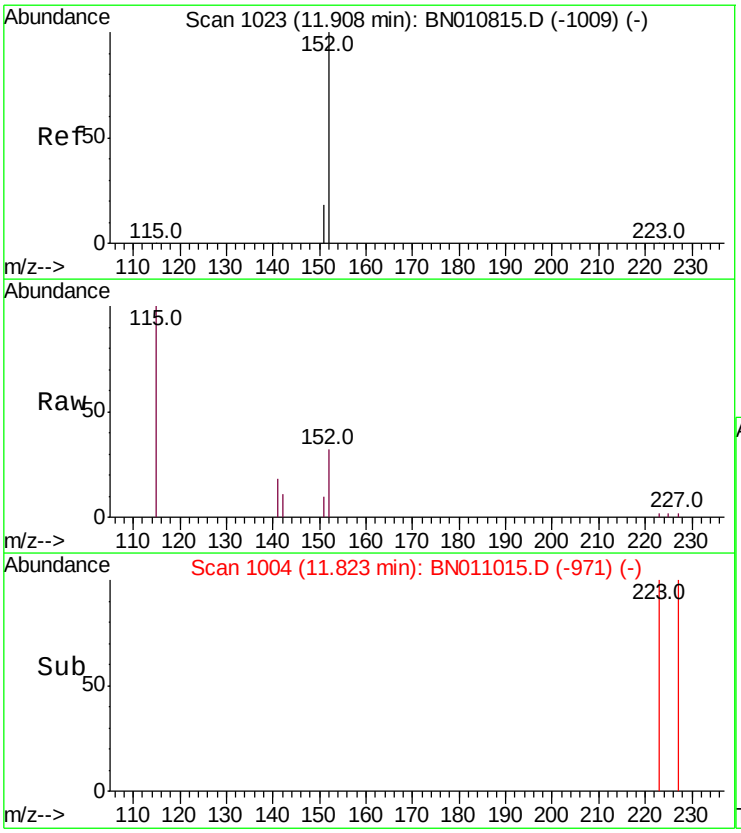
#9
Naphthalene
Concen: 11.688 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:128 Resp: 1279373

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	12.8	11.4	17.2

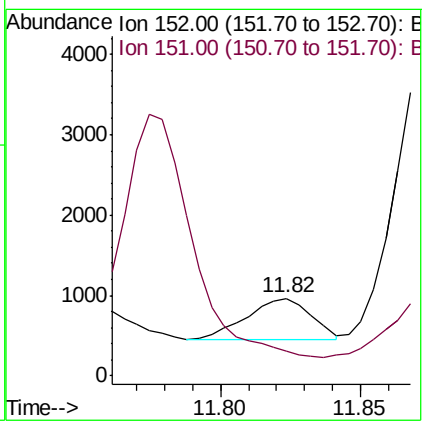


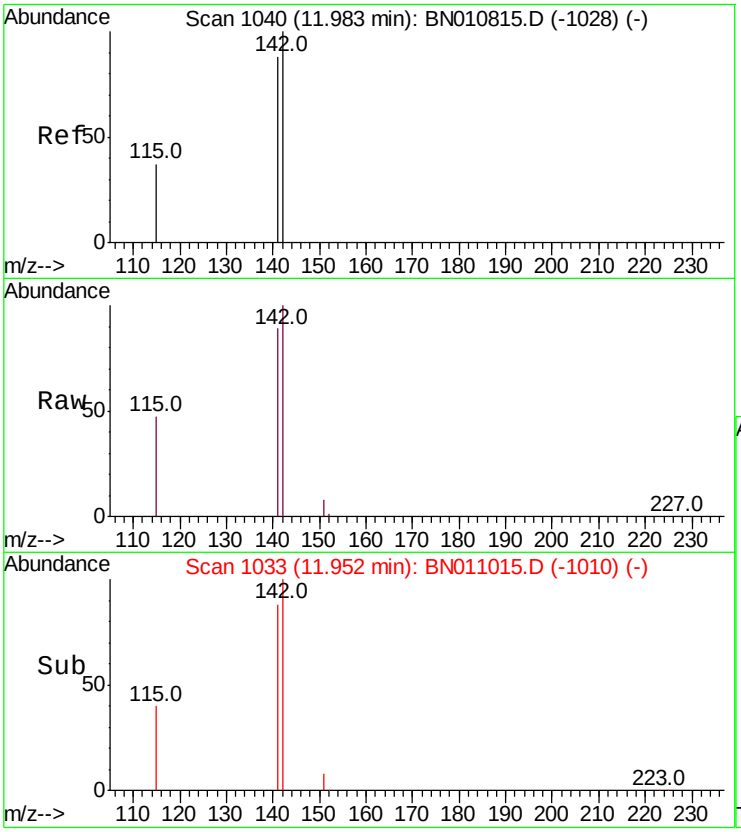


#11
2-Methylnaphthalene-d10
Concen: 0.012 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:152 Resp: 820

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#



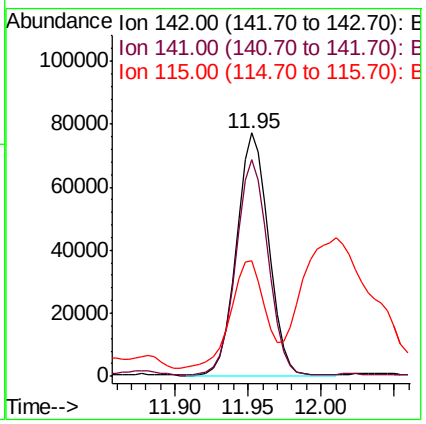


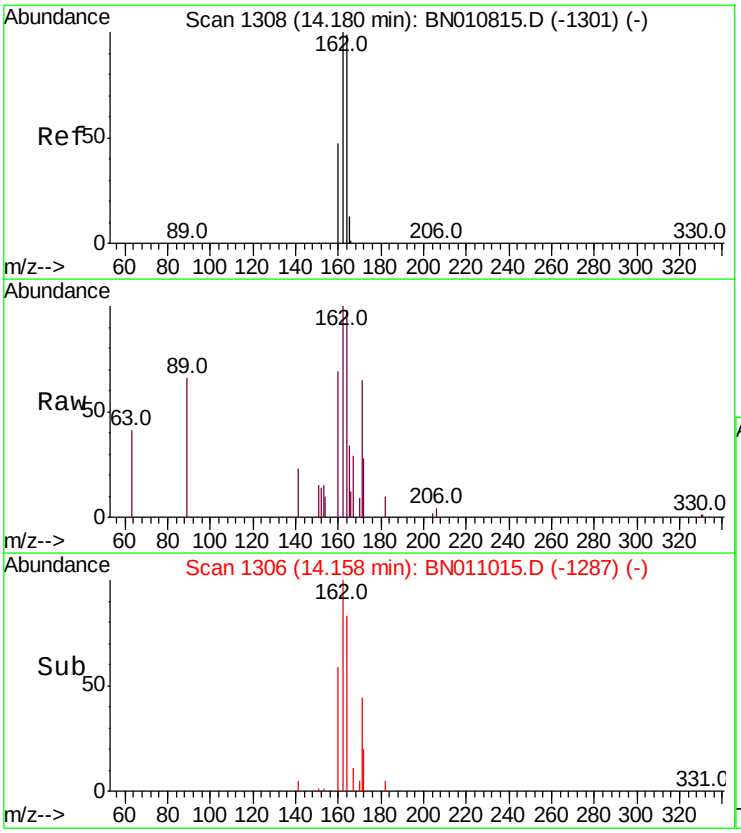
#12
2-Methylnaphthalene
Concen: 1.618 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:142 Resp: 118529

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	47.4	31.5	47.3#

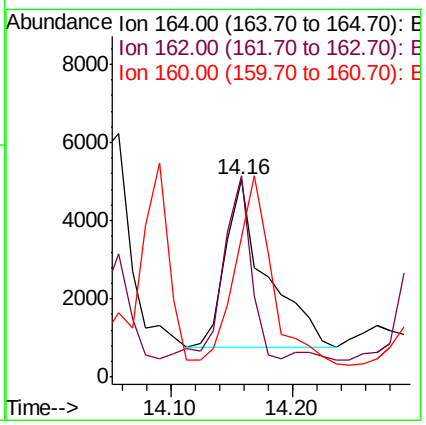


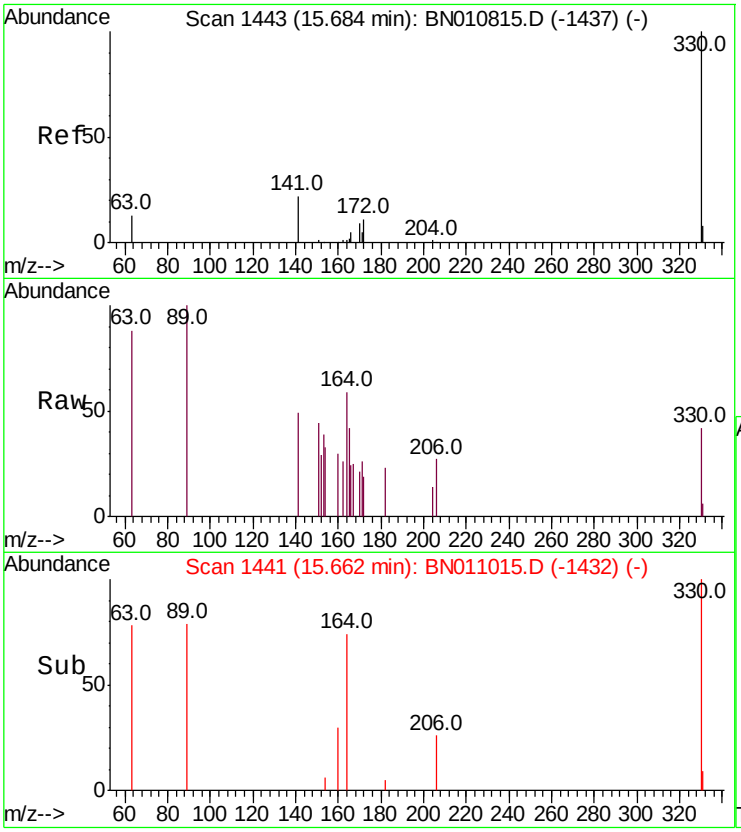


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:164 Resp: 9935

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.0	121.6
160	70.8	38.9	58.3#



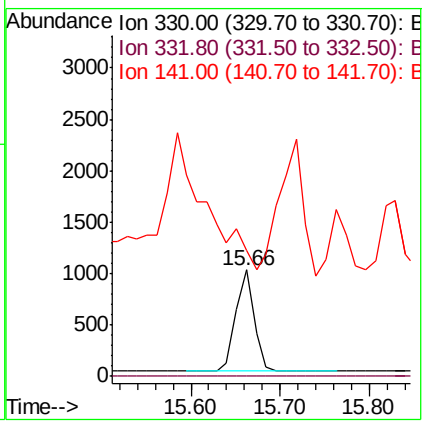


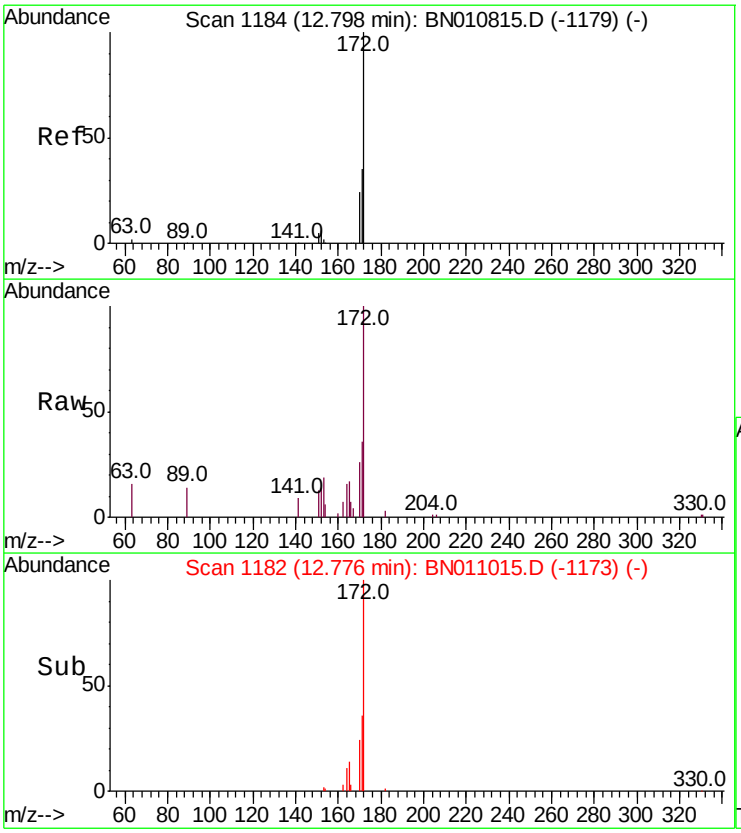
#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:330 Resp: 1412

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	33.2	49.8#

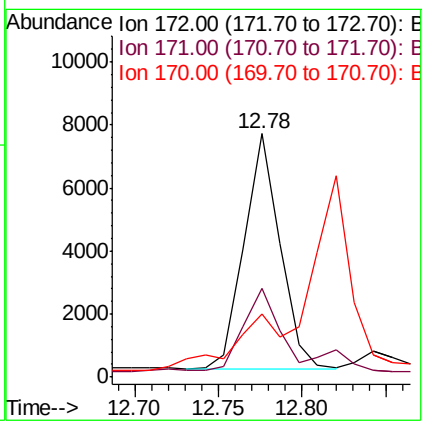


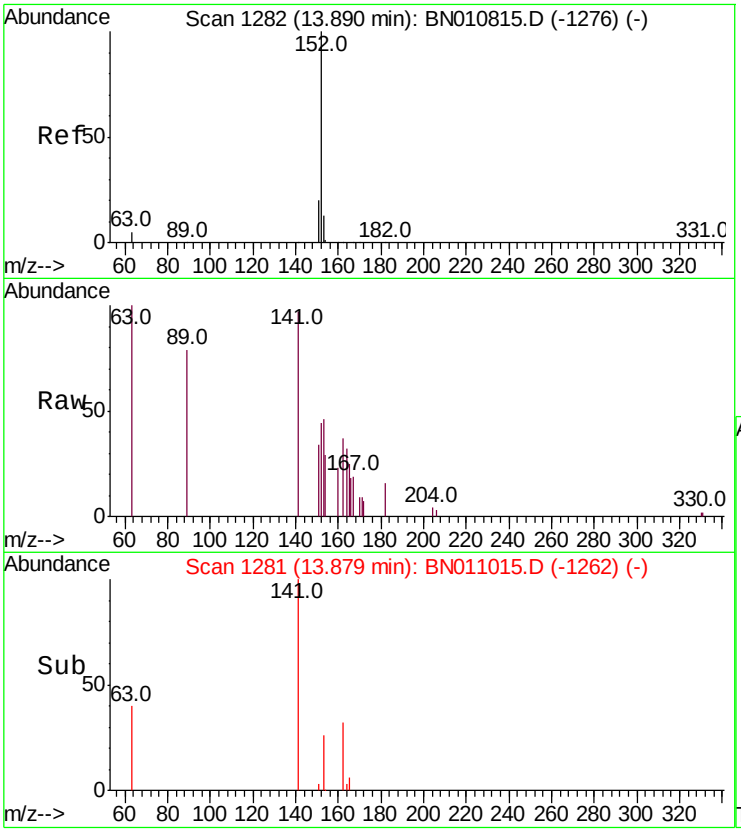


#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 12.78 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:172 Resp: 11000

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	26.0	19.7	29.5



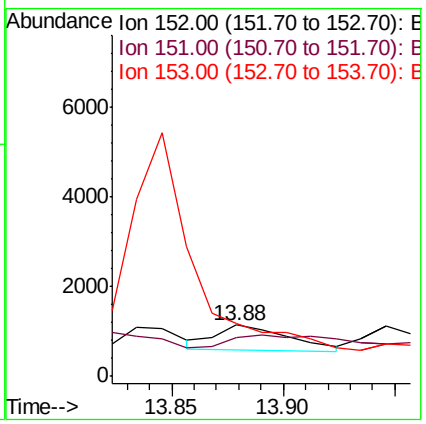


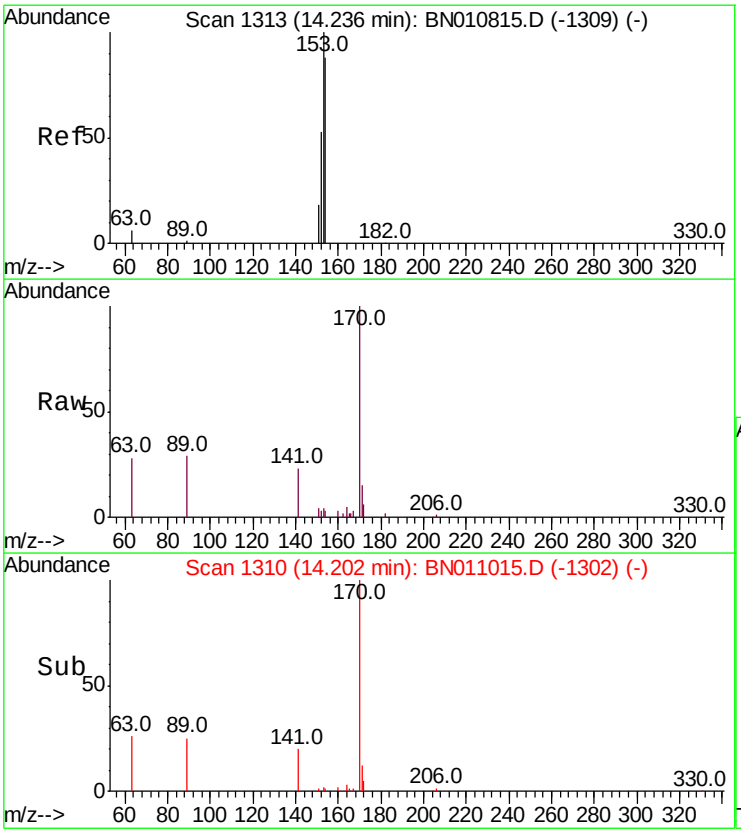
#16
Acenaphthylene
Concen: 0.030 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:152 Resp: 1225

Ion	Ratio	Lower	Upper
152	100		
151	83.6	15.6	23.4#
153	0.0	10.6	16.0#

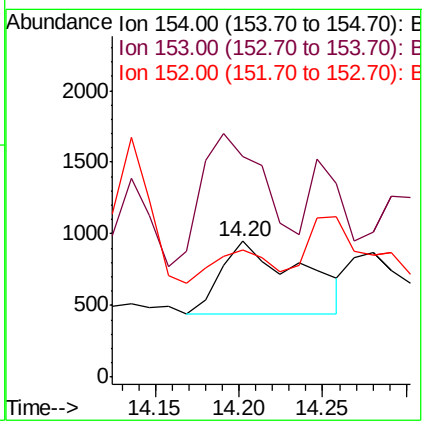


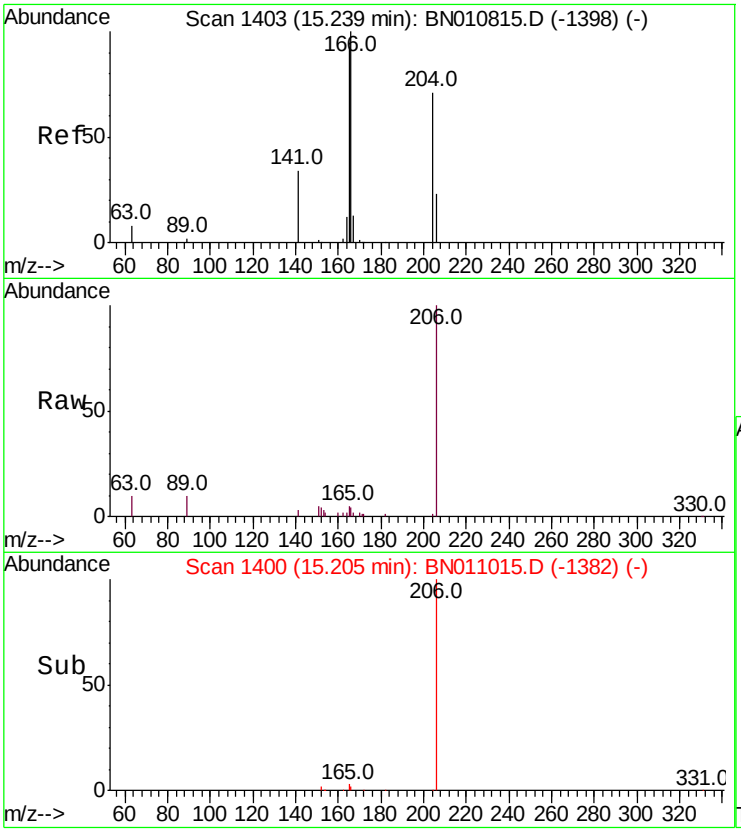


#17
Acenaphthene
Concen: 0.060 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:154 Resp: 1653

Ion	Ratio	Lower	Upper
154	100		
153	151.5	91.8	137.6#
152	31.9	47.6	71.4#



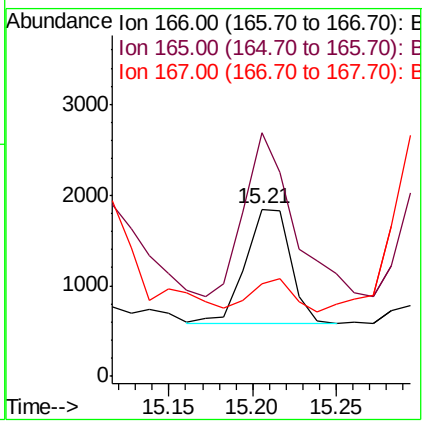


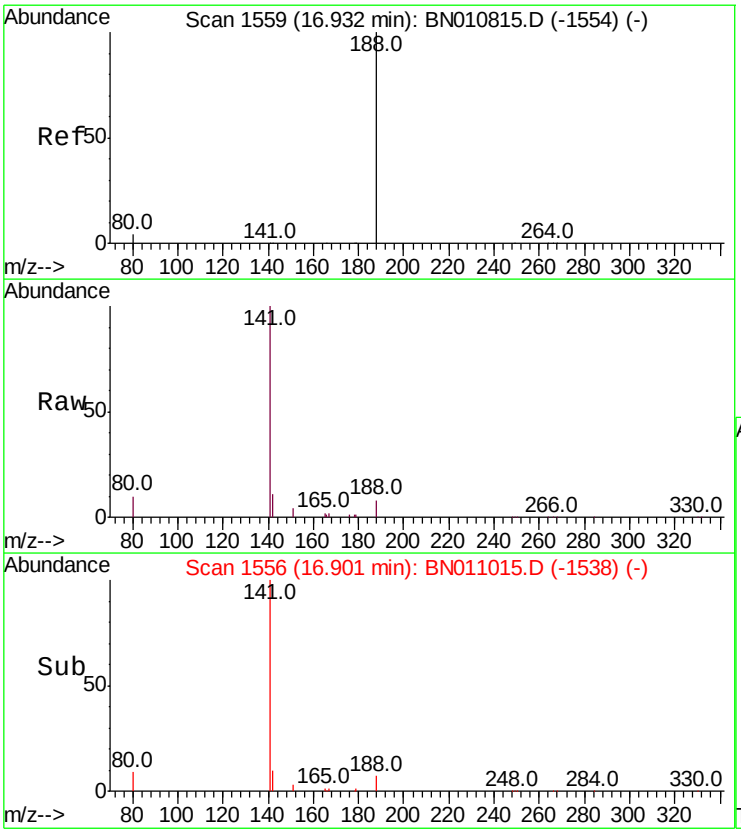
#18
Fluorene
Concen: 0.067 ng
RT: 15.21 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:166 Resp: 2384

Ion	Ratio	Lower	Upper
166	100		
165	152.9	77.2	115.8#
167	26.1	10.7	16.1#

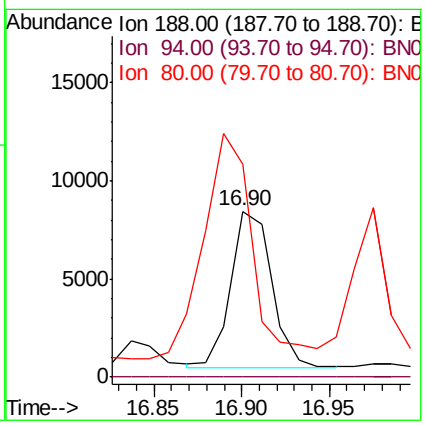


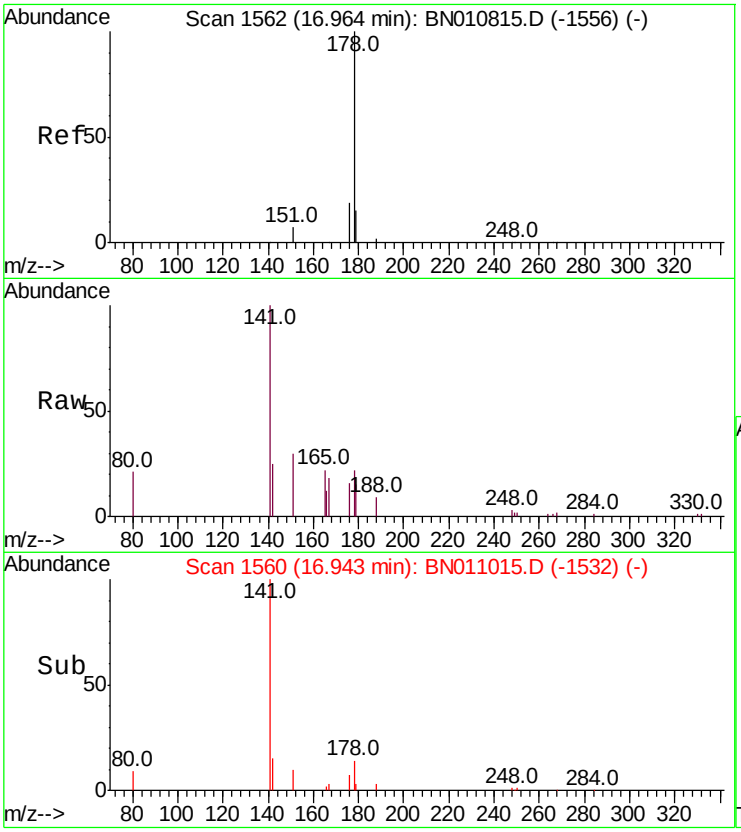


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:188 Resp: 12782

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	128.6	4.5	6.7#



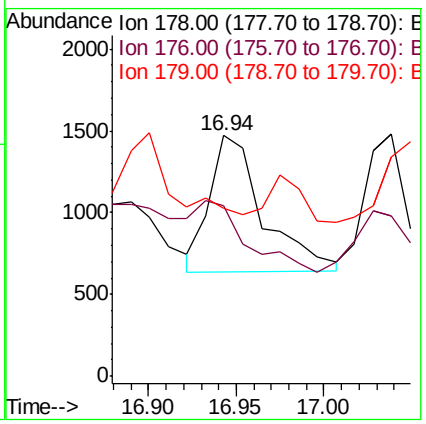


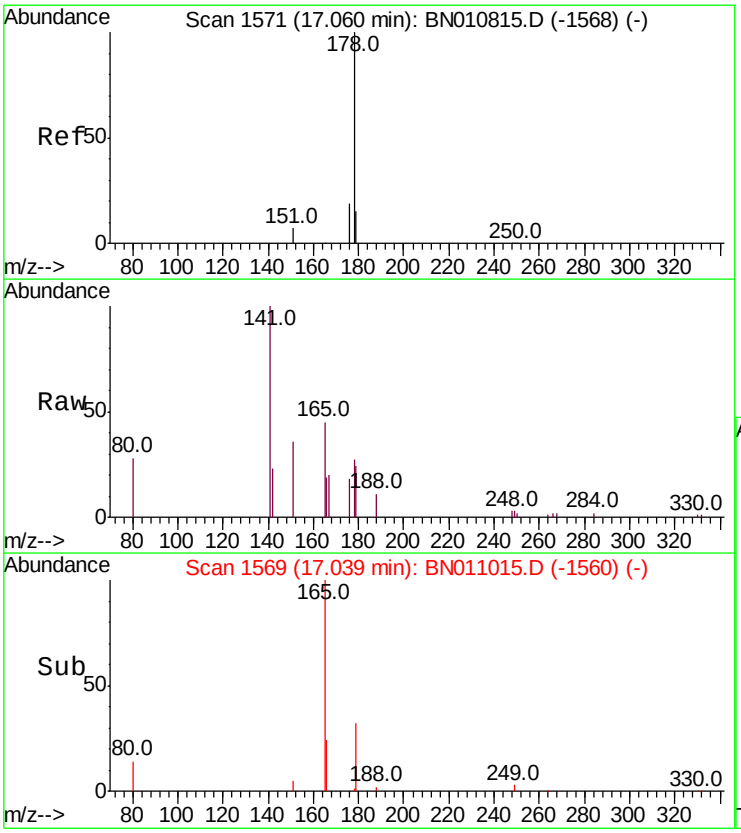
#23
Phenanthrene
Concen: 0.051 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:178 Resp: 1774

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	0.0	12.6	19.0#

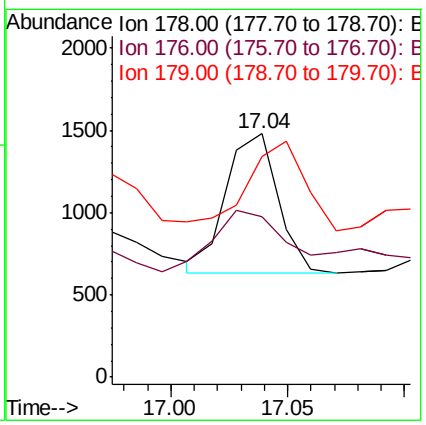


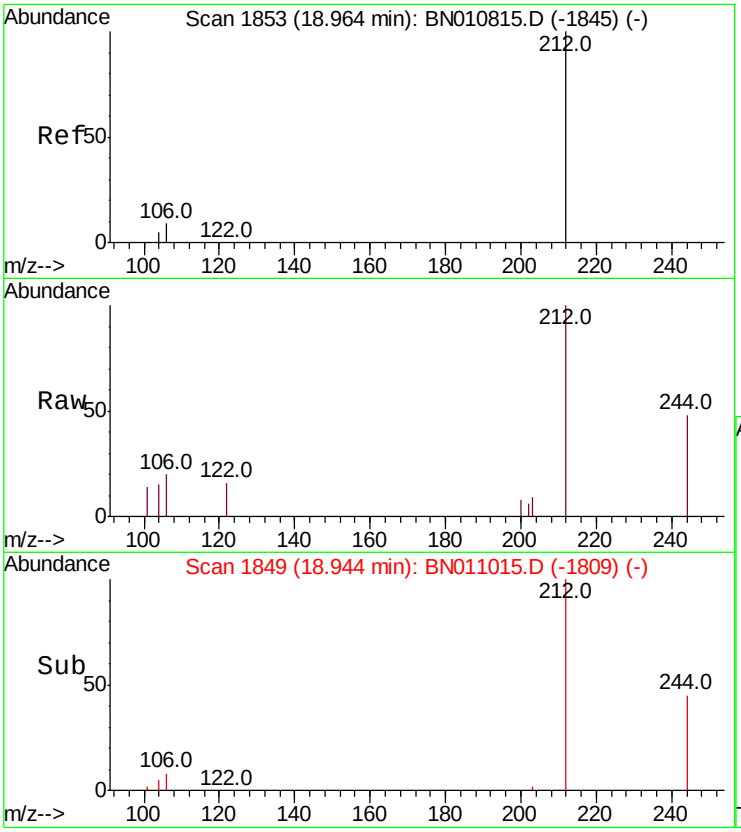


#24
Anthracene
Concen: 0.045 ng
RT: 17.04 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:178 Resp: 1324

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	67.8	12.3	18.5#



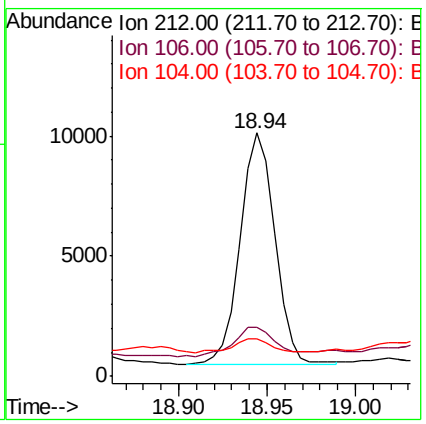


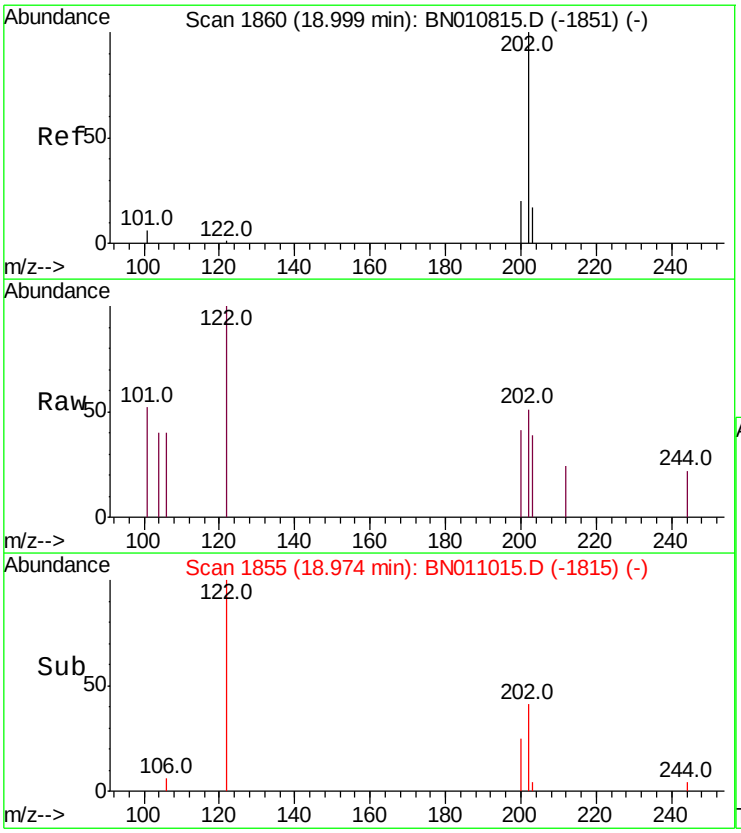
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 18.94 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:212 Resp: 13106

Ion	Ratio	Lower	Upper
212	100		
106	15.5	6.6	10.0#
104	6.5	4.0	6.0#

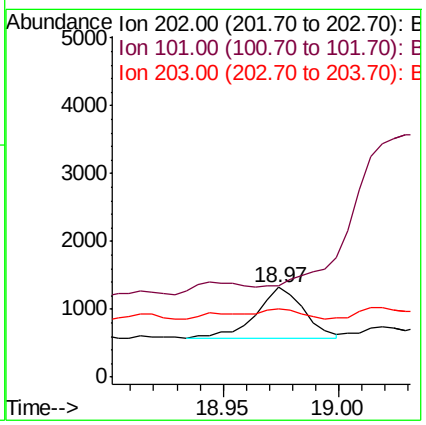


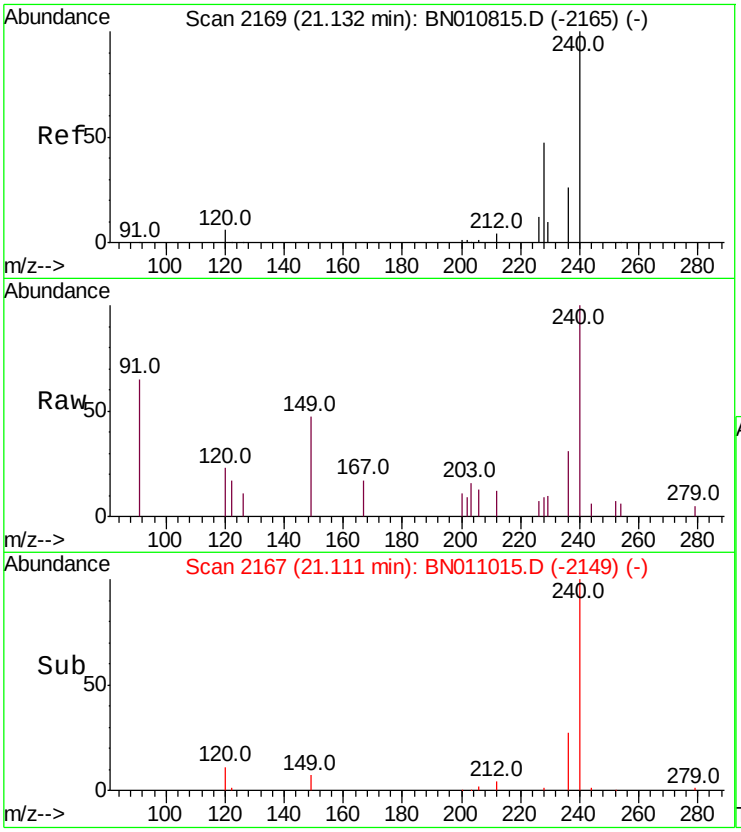


#26
Fluoranthene
Concen: 0.026 ng
RT: 18.97 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:202 Resp: 1050

Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.8	8.6#
203	18.1	13.7	20.5



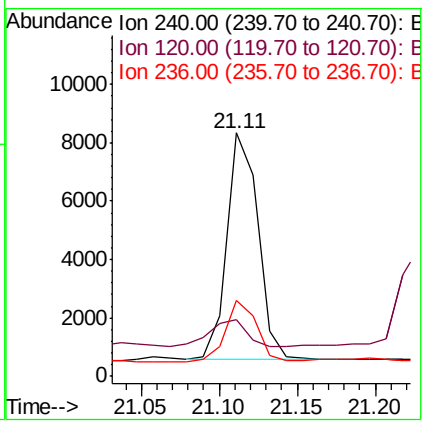


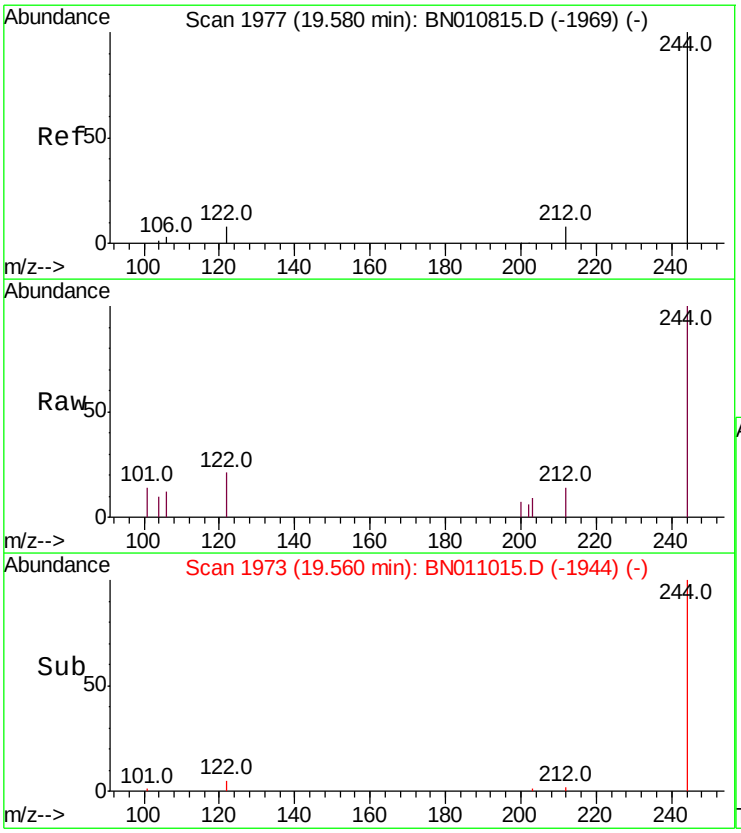
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:240 Resp: 10719

Ion	Ratio	Lower	Upper
240	100		
120	23.4	7.5	11.3#
236	31.3	22.3	33.5

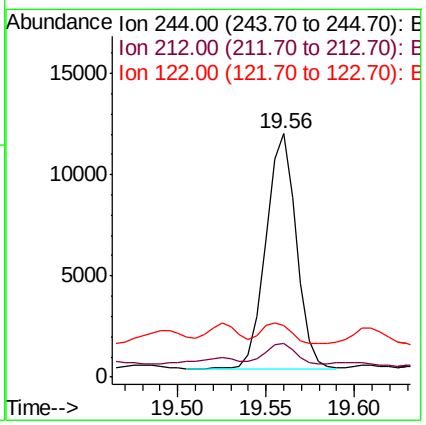


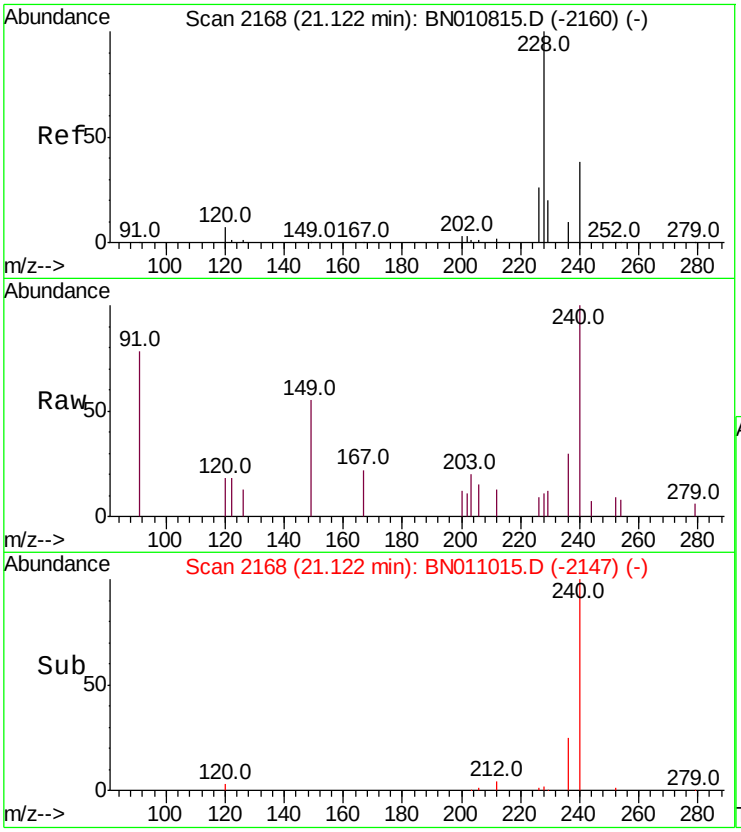


#29
Terphenyl-d14
Concen: 0.550 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:244 Resp: 13811

Ion	Ratio	Lower	Upper
244	100		
212	13.7	7.4	11.2#
122	21.3	7.5	11.3#



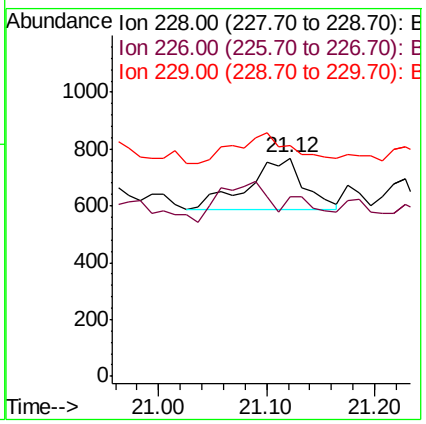


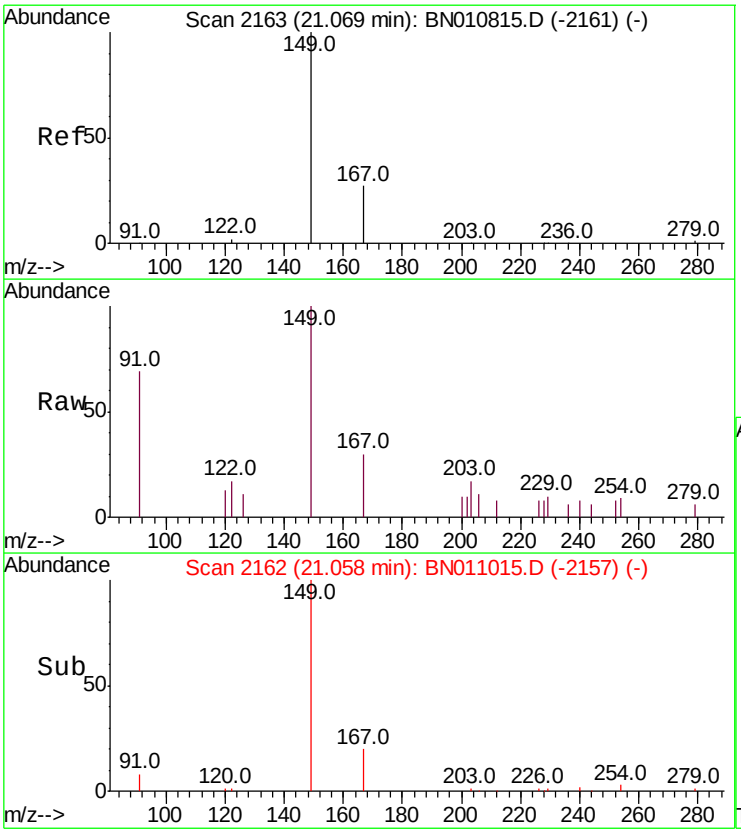
#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument : BNA_N
ClientSampleId : KY032MW006-200616

Tgt Ion:228 Resp: 676

Ion	Ratio	Lower	Upper
228	100		
226	82.2	21.3	31.9#
229	105.5	16.6	24.8#

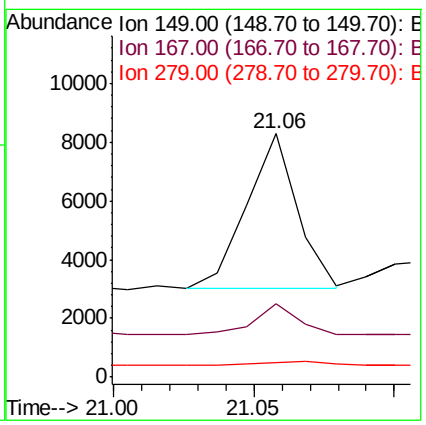


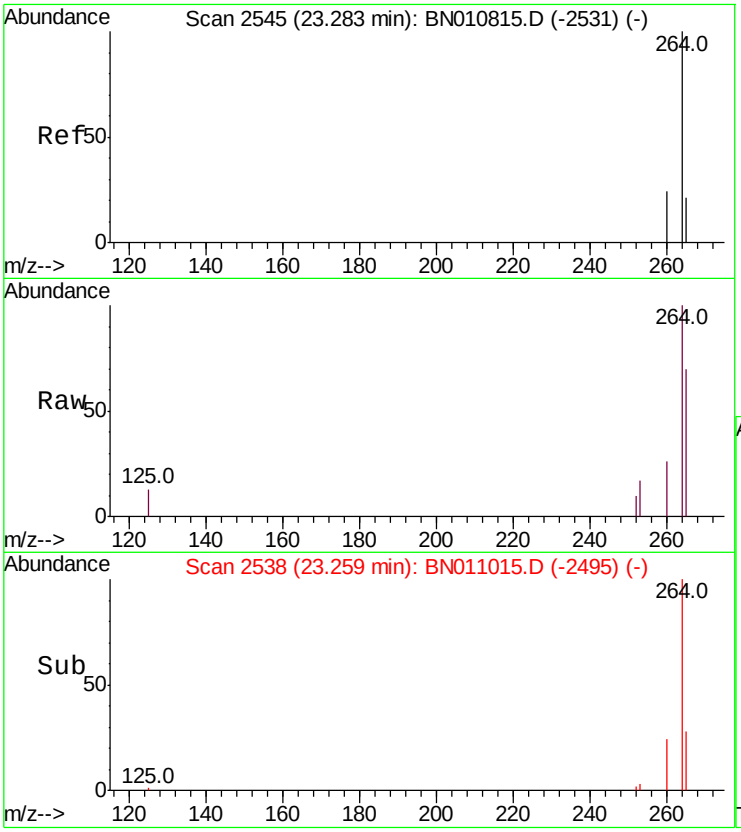


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.635 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:149 Resp: 6673

Ion	Ratio	Lower	Upper
149	100		
167	17.8	24.1	36.1#
279	2.8	4.6	7.0#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tgt Ion:264 Resp: 13945

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.4	30.6
265	70.2	75.0	112.4#