Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011016.D
Acq On : 22 Jun 2020 19:15
Operator : CG/JU
Sample : L3033-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SS043MW009-200616

Quant Time: Jun 23 05:33:23 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	7.52	152	3174	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	9822	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	9623	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	11842	0.40	ng		-0.01
27) Chrysene-d12	21.11	240	14232	0.40	ng		-0.01
34) Perylene-d12	23.26	264	12134	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.16	112	2624	0.43	ng		-0.02
5) Phenol-d6	6.76	99	915	0.13	ng		0.03
8) Nitrobenzene-d5	8.66	82	7282	1.00	ng		-0.01
11) 2-Methylnaphthalene-d10	11.87	152	5486	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	1444	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	9979	0.26	ng		-0.01
25) Fluoranthene-d10	18.94	212	13312	0.41	ng		0.00
29) Terphenyl-d14	19.56	244	16119	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	6091	1.959	ng	#	83
3) n-Nitrosodimethylamine	3.56	42	37	0.020	ng	#	55
6) bis(2-Chloroethyl)ether	6.97	93	14656	2.083	ng	#	82
9) Naphthalene	10.33	128	35131	1.423	ng	#	79
12) 2-Methylnaphthalene	11.94	142	849	0.051	ng	#	1
16) Acenaphthylene	13.87	152	2904	0.074	ng	#	1
17) Acenaphthene	14.21	154	1819	0.068	ng	#	80
18) Fluorene	15.21	166	5240	0.151	ng		89
22) Pentachlorophenol	16.56	266	112	0.045	ng	#	88
23) Phenanthrene	16.94	178	3160	0.098	ng	#	40
24) Anthracene	17.03	178	1652	0.061	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.06	149	1976	0.142	ng	#	89

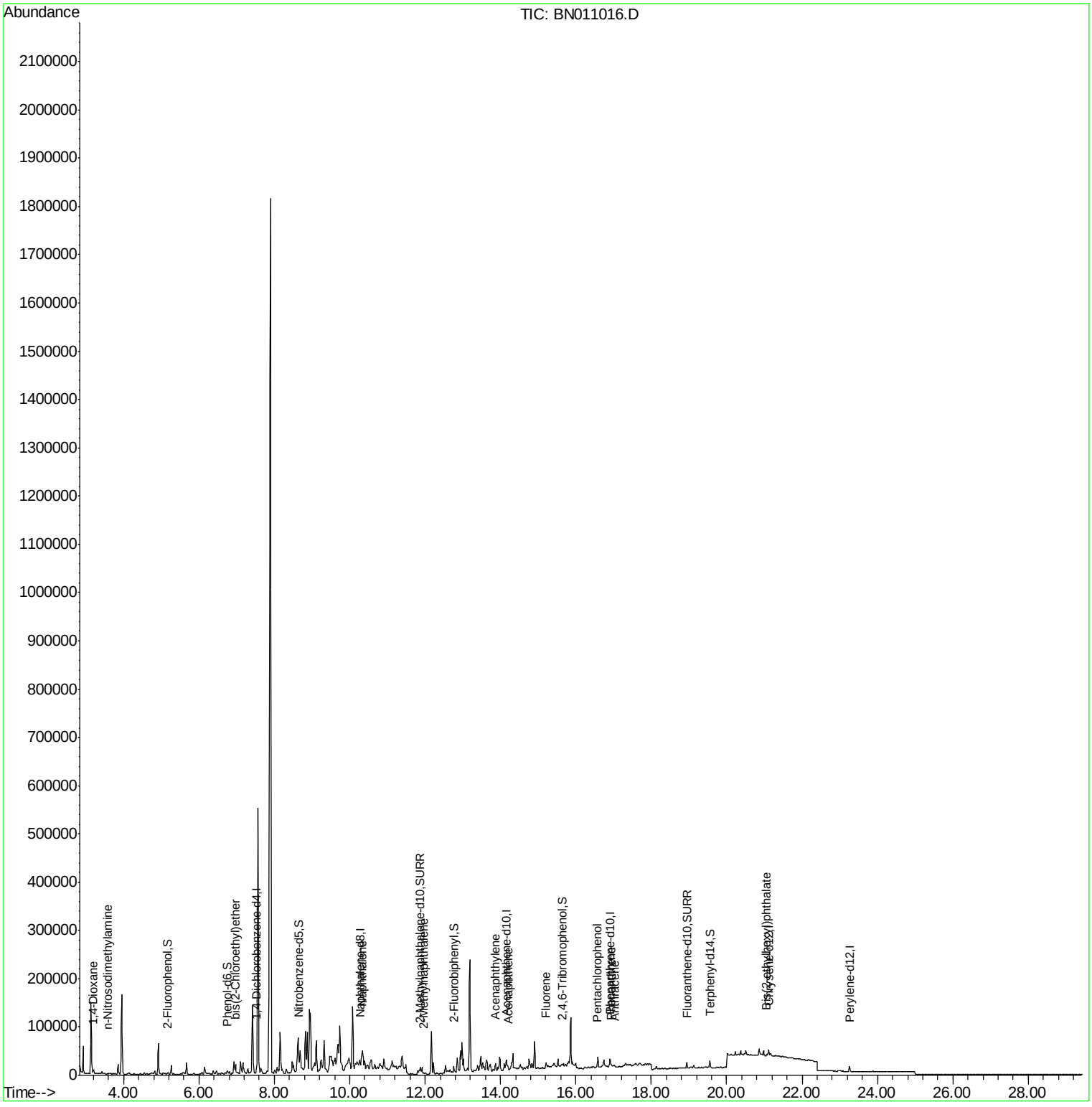
(#) = qualifier out of range (m) = manual integration (+) = signals summed

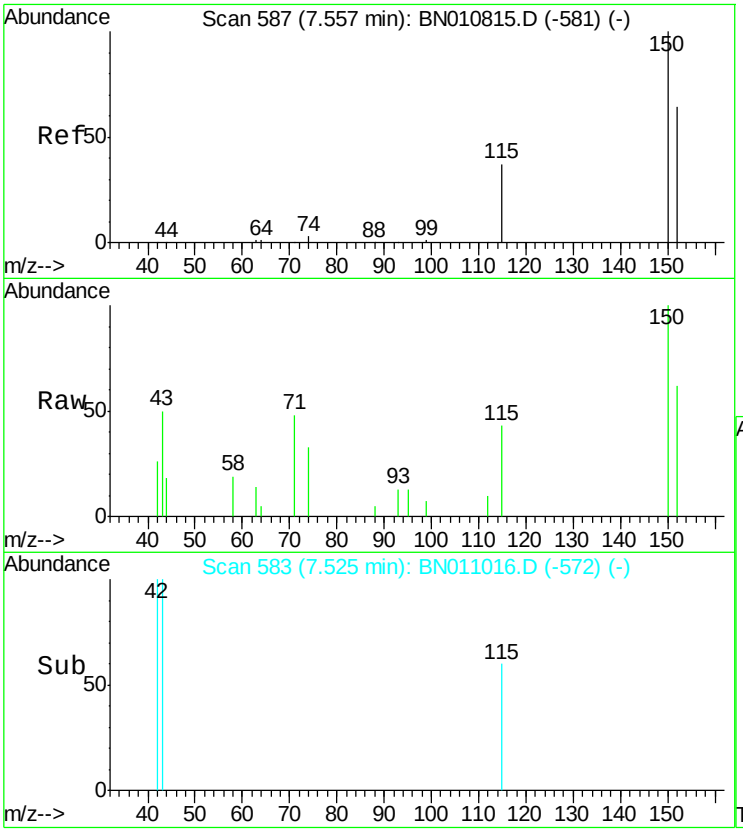
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011016.D
Acq On : 22 Jun 2020 19:15
Operator : CG/JU
Sample : L3033-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Quant Time: Jun 23 05:33:23 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



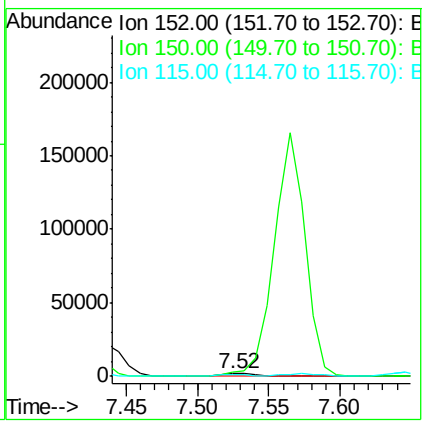


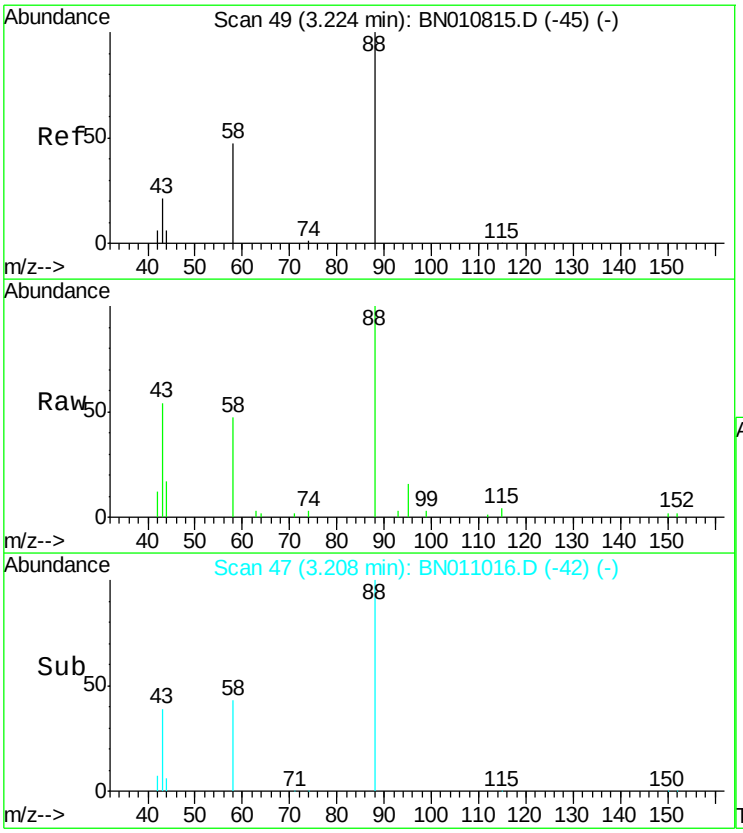
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:152 Resp: 3174

Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.8	185.6
115	68.1	49.2	73.8

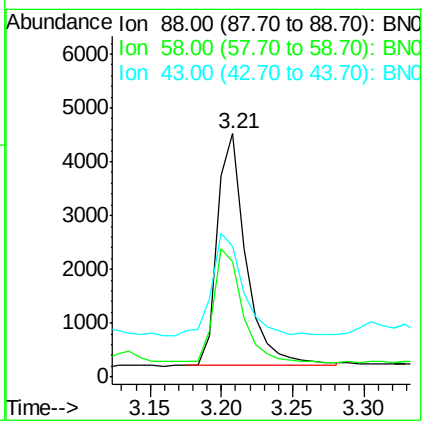


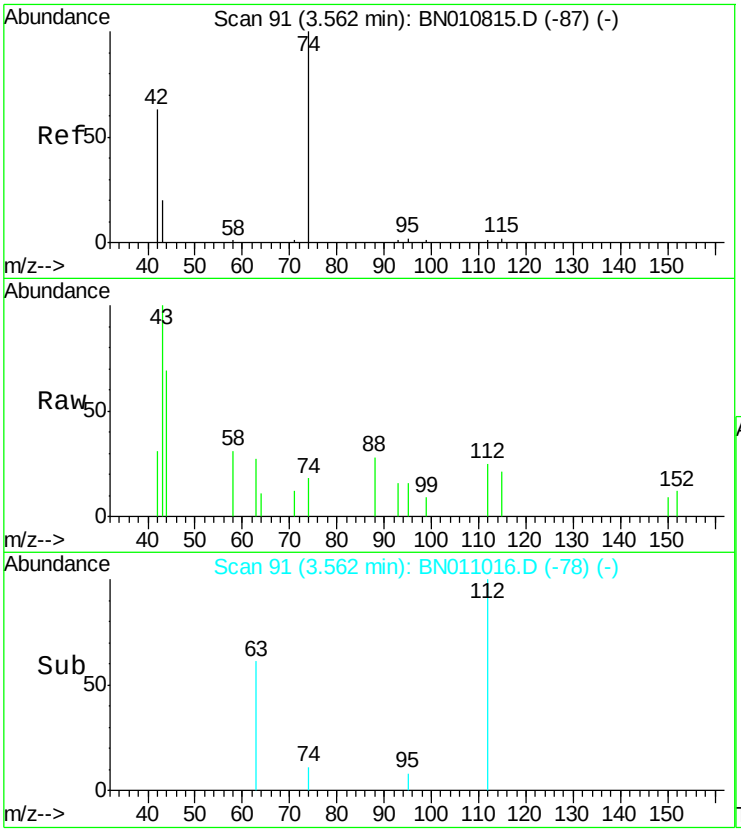


#2
1,4-Dioxane
Concen: 1.959 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 88 Resp: 6091

Ion	Ratio	Lower	Upper
88	100		
58	47.4	38.2	57.4
43	45.0	15.1	22.7#



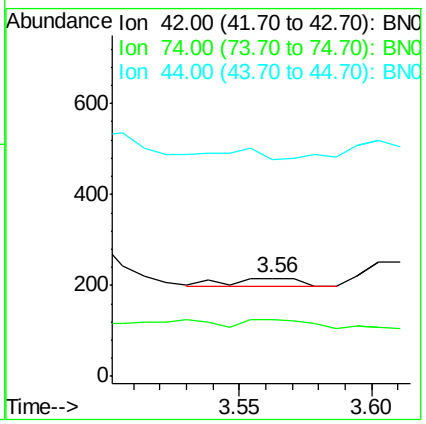


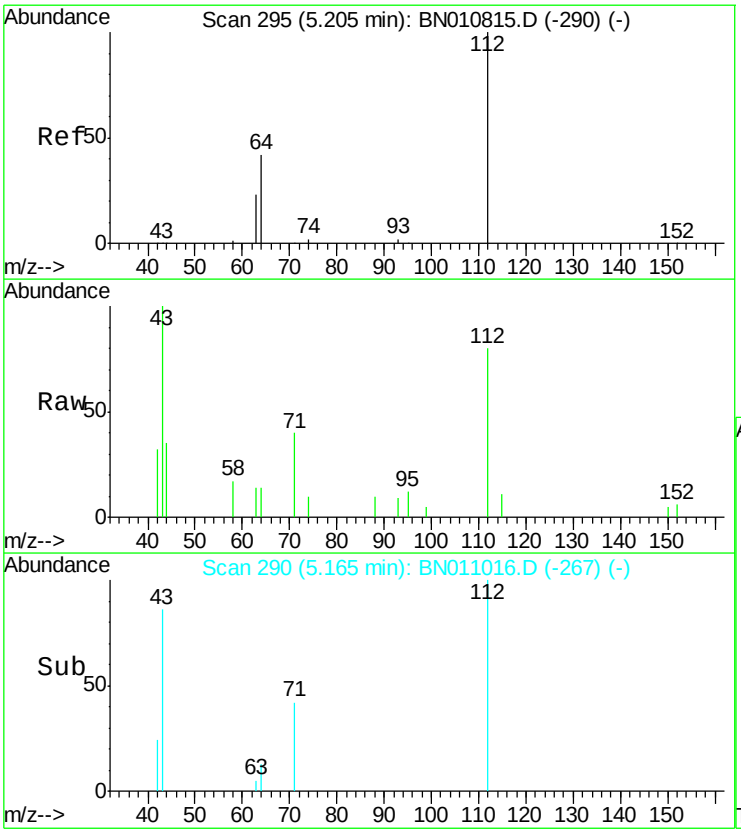
#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion: 42 Resp: 37

Ion	Ratio	Lower	Upper
42	100		
74	113.5	140.7	211.1#
44	45.9	1.4	2.2#

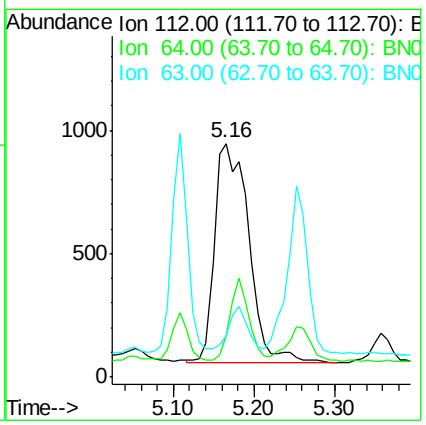


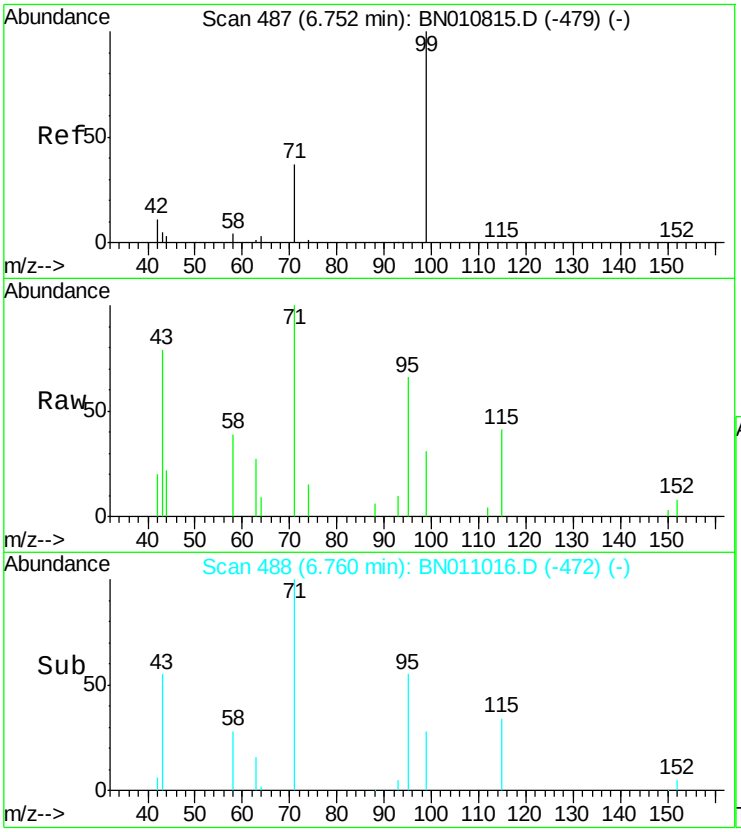


#4
2-Fluorophenol
Concen: 0.428 ng
RT: 5.16 min Scan# 290
Delta R.T. -0.02 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:112 Resp: 2624

Ion	Ratio	Lower	Upper
112	100		
64	21.4	37.4	56.0#
63	13.3	22.2	33.4#



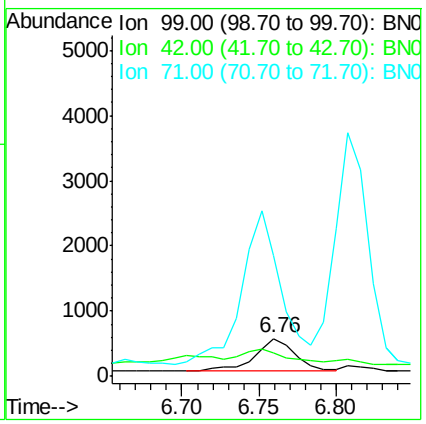


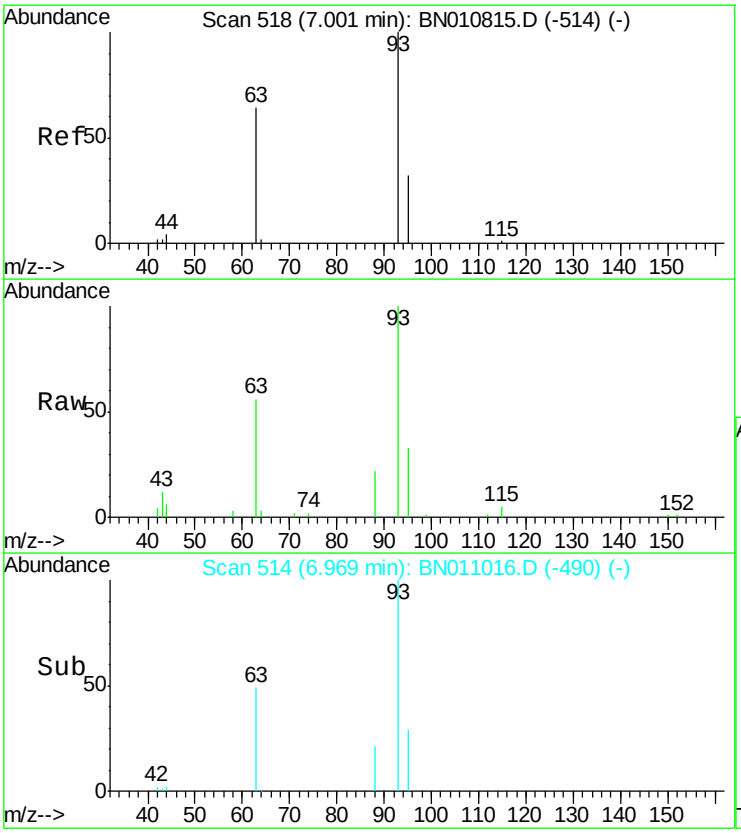
#5
Phenol-d6
Concen: 0.127 ng
RT: 6.76 min Scan# 488
Delta R.T. 0.03 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion: 99 Resp: 915

Ion	Ratio	Lower	Upper
99	100		
42	35.7	11.1	16.7#
71	464.4	31.4	47.2#

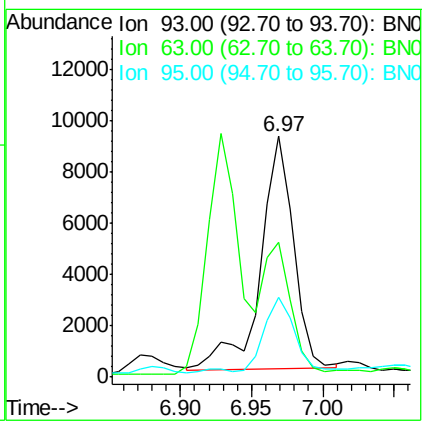


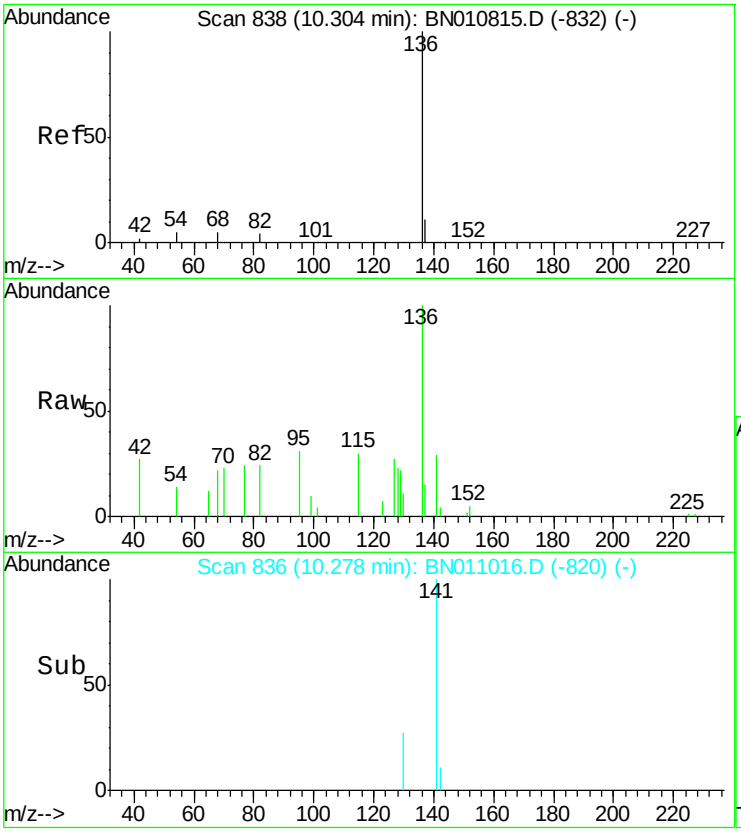


#6
bis(2-Chloroethyl)ether
Concen: 2.083 ng
RT: 6.97 min Scan# 514
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 93 Resp: 14656

Ion	Ratio	Lower	Upper
93	100		
63	43.9	49.4	74.2#
95	28.3	26.7	40.1



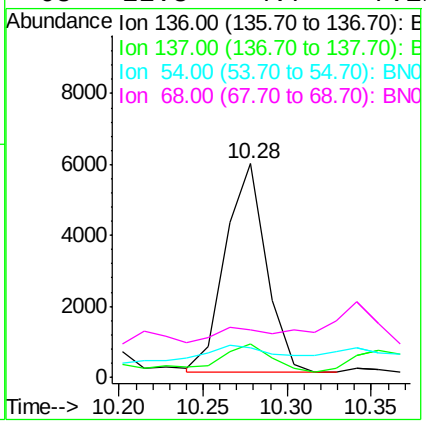


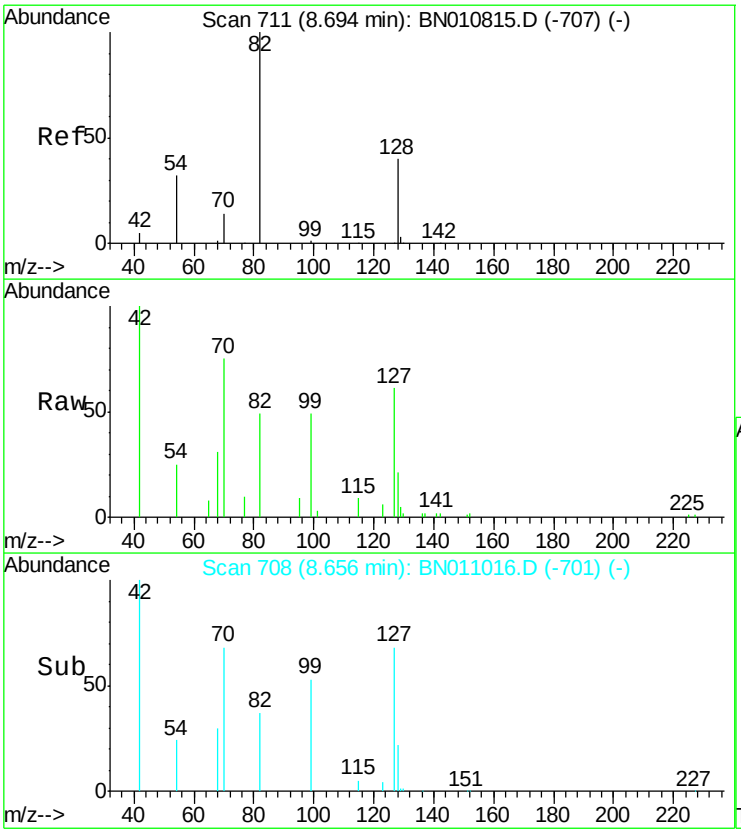
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:136 Resp: 9822

Ion	Ratio	Lower	Upper
136	100		
137	15.4	9.7	14.5#
54	13.7	4.9	7.3#
68	22.3	4.7	7.1#

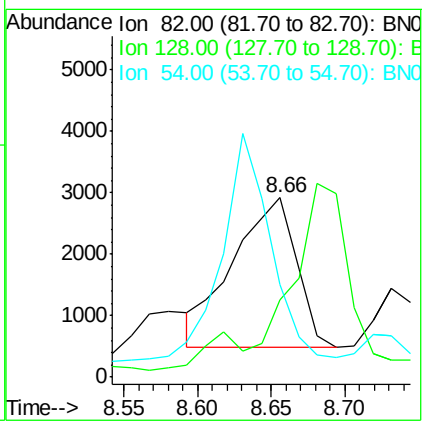


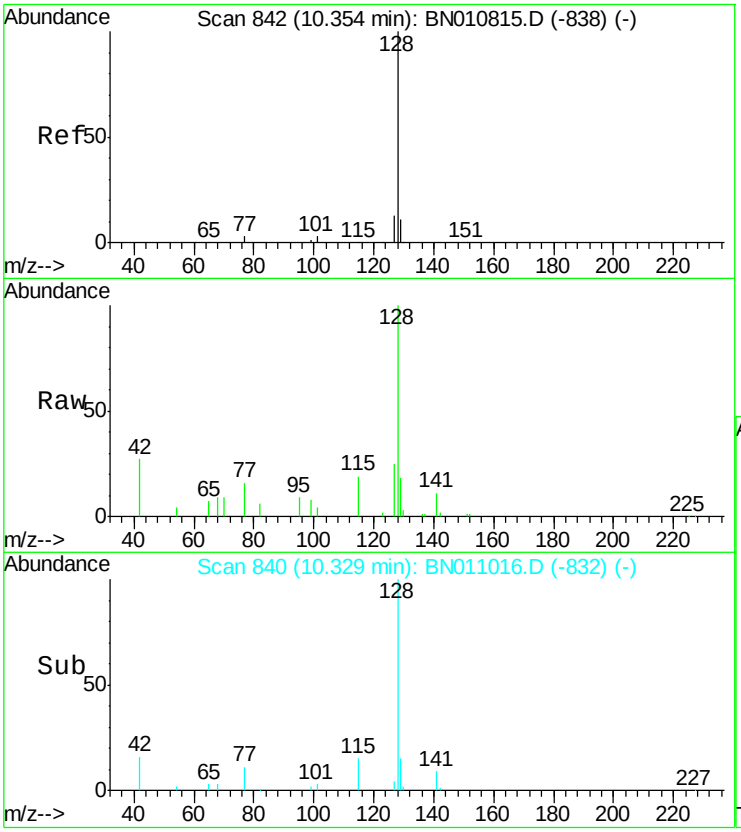


#8
Nitrobenzene-d5
Concen: 1.002 ng
RT: 8.66 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 82 Resp: 7282

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.4	53.0
54	51.6	28.2	42.4#



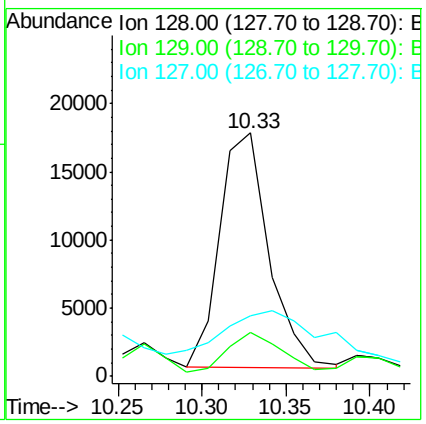


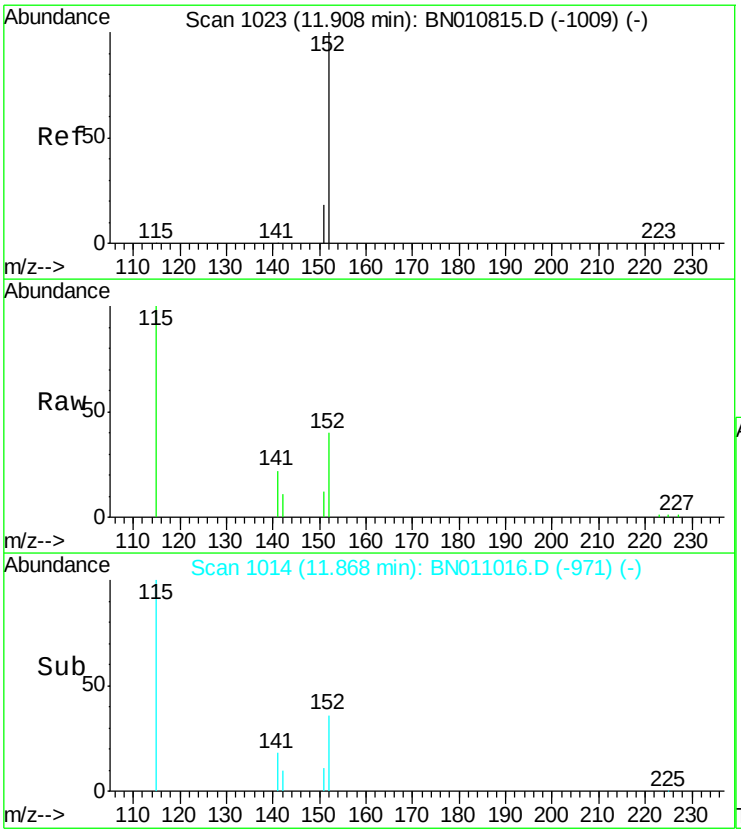
#9
Naphthalene
Concen: 1.423 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:128 Resp: 35131

Ion	Ratio	Lower	Upper
128	100		
129	18.0	9.6	14.4#
127	24.9	11.4	17.2#

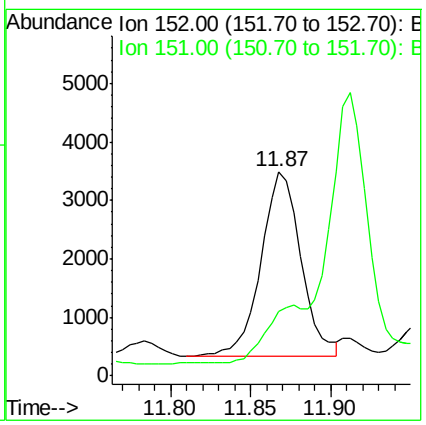


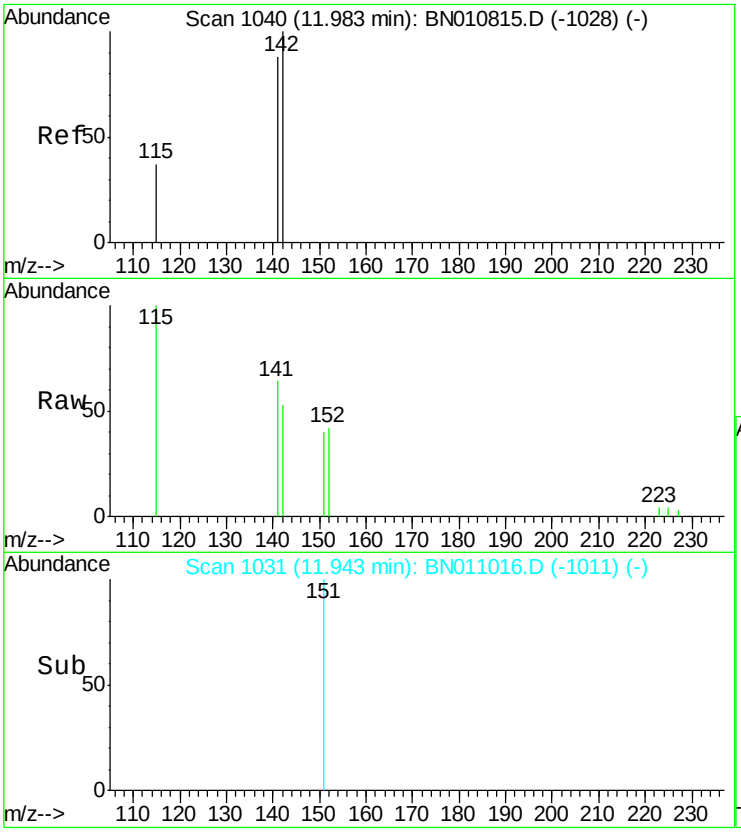


#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 11.87 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:152 Resp: 5486

Ion	Ratio	Lower	Upper
152	100		
151	27.3	15.3	22.9#



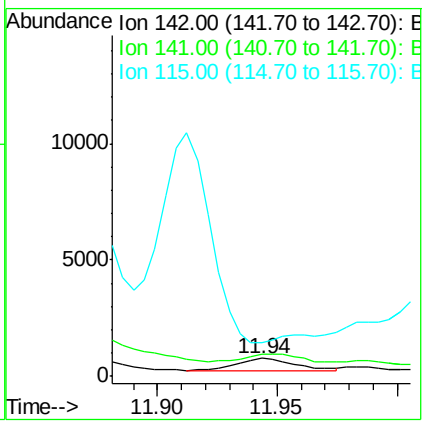


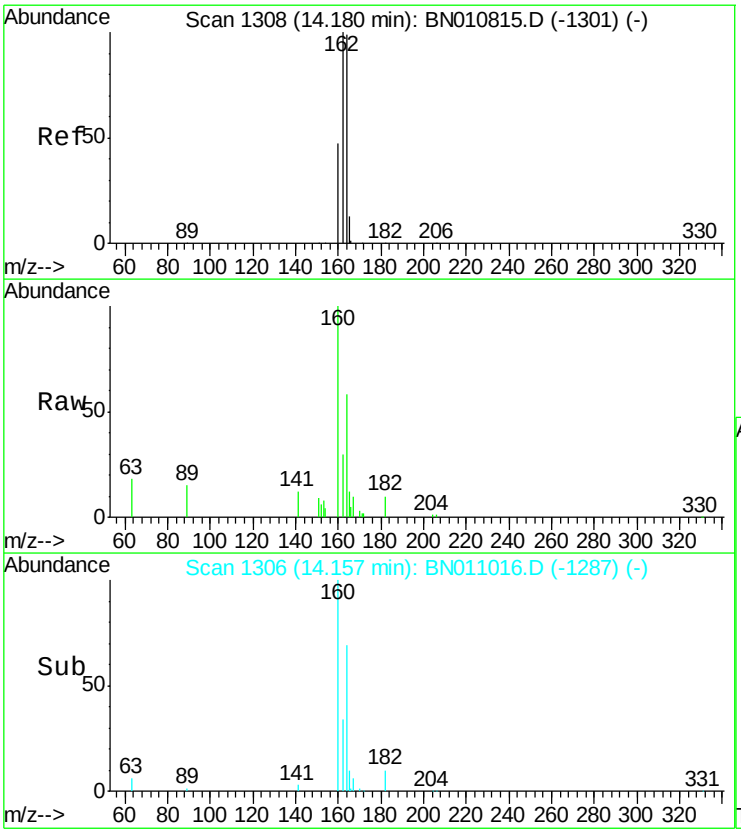
#12
2-Methylnaphthalene
Concen: 0.051 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:142 Resp: 849

Ion	Ratio	Lower	Upper
142	100		
141	122.5	70.8	106.2#
115	190.4	31.5	47.3#

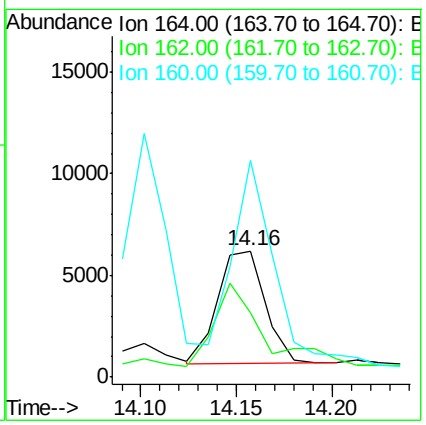


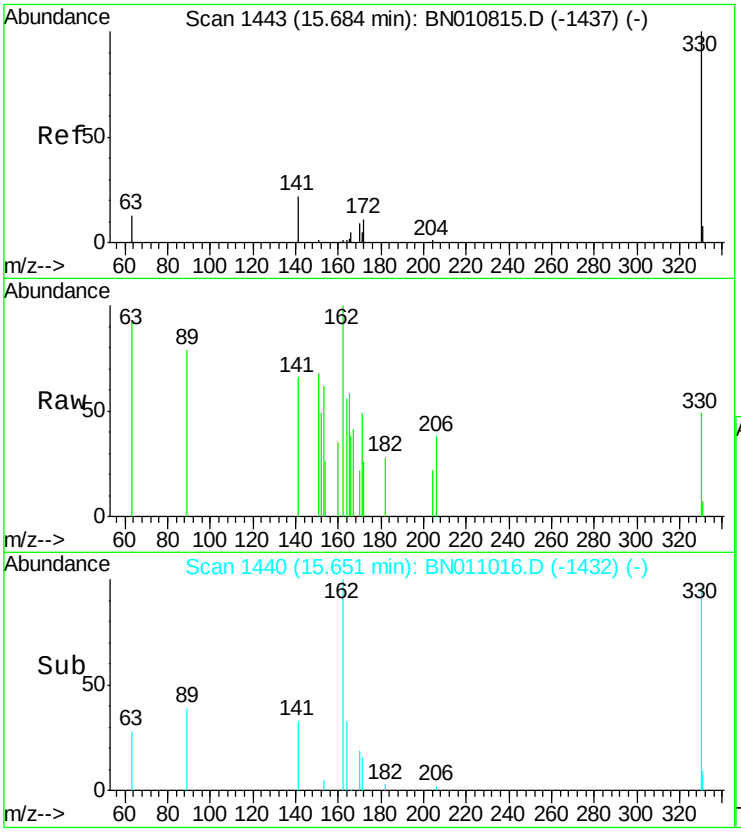


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:164 Resp: 9623

Ion	Ratio	Lower	Upper
164	100		
162	50.7	81.0	121.6#
160	171.5	38.9	58.3#



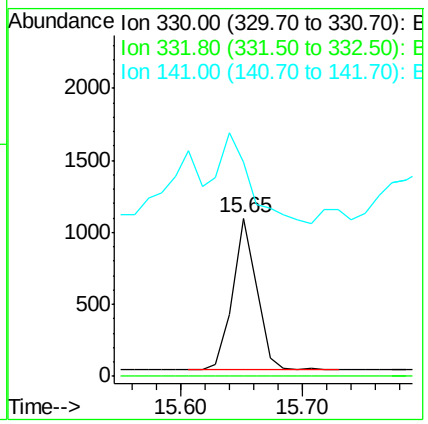


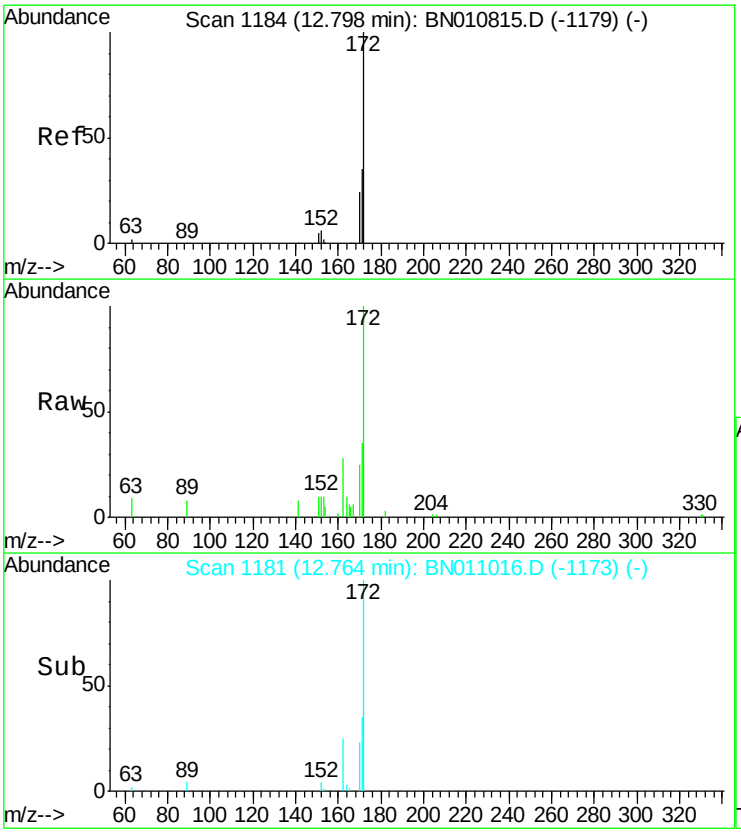
#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.65 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:330 Resp: 1444

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	78.6	33.2	49.8#

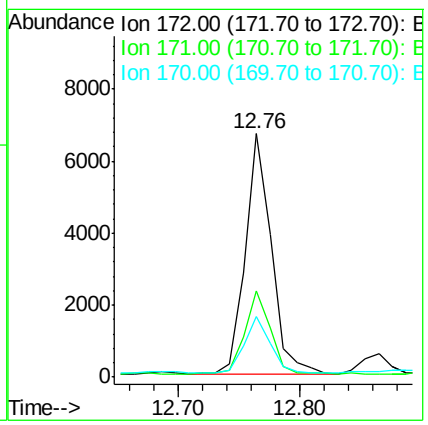


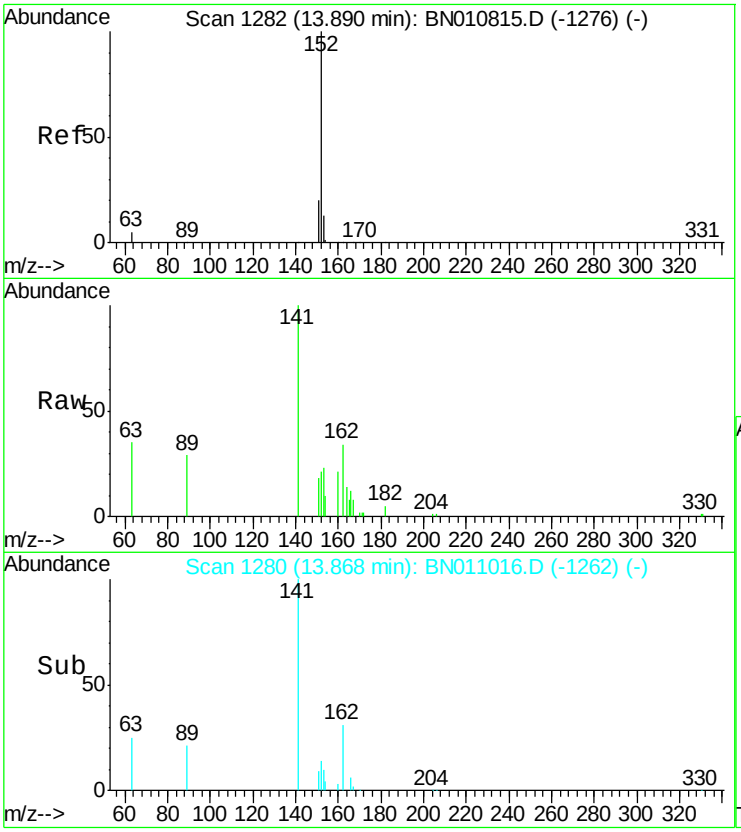


#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:172 Resp: 9979

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.7	19.7	29.5



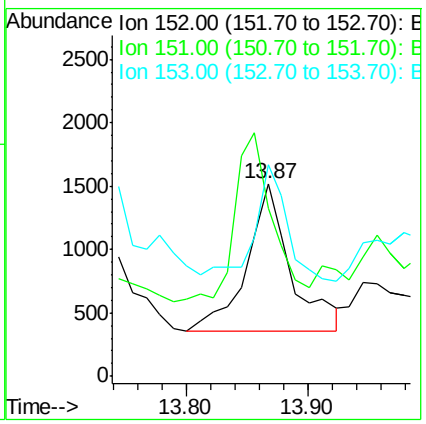


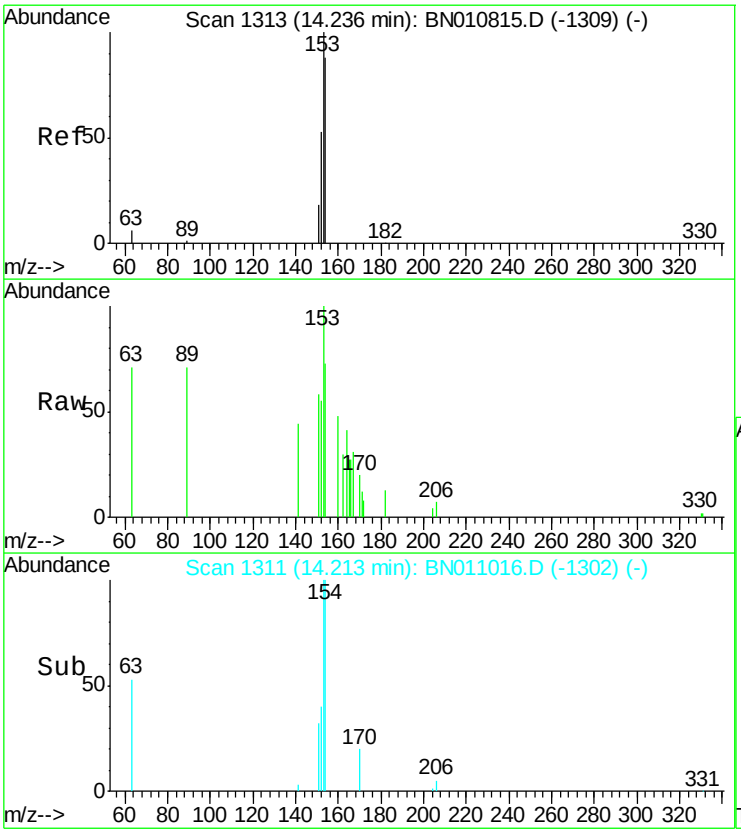
#16
Acenaphthylene
Concen: 0.074 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:152 Resp: 2904

Ion	Ratio	Lower	Upper
152	100		
151	97.6	15.6	23.4#
153	59.4	10.6	16.0#

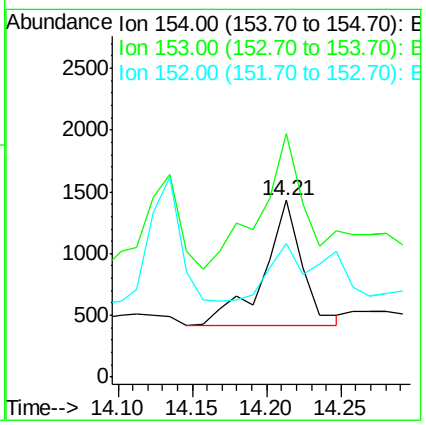


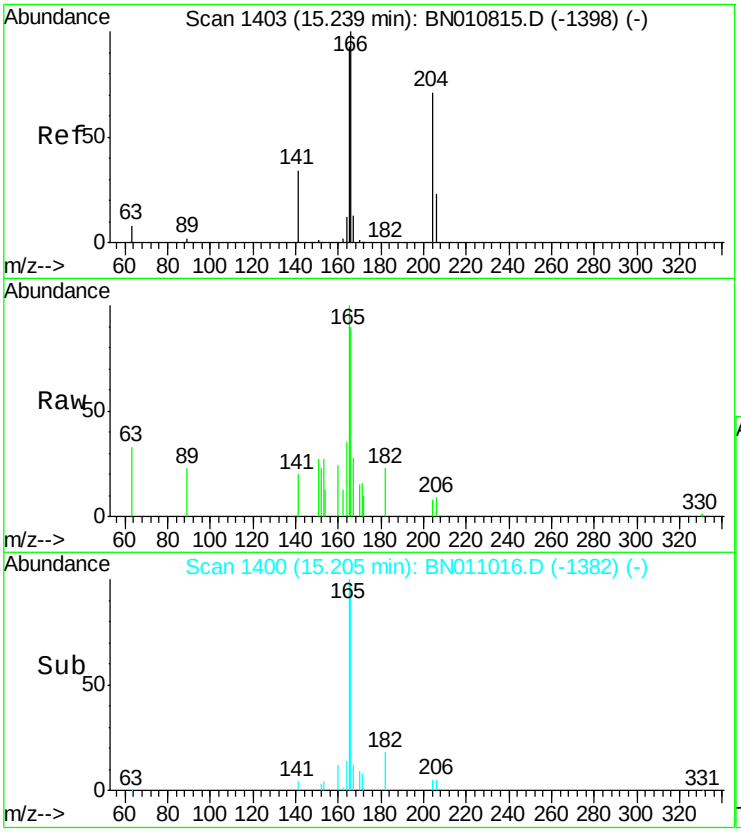


#17
Acenaphthene
Concen: 0.068 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:154 Resp: 1819

Ion	Ratio	Lower	Upper
154	100		
153	140.7	91.8	137.6#
152	68.8	47.6	71.4



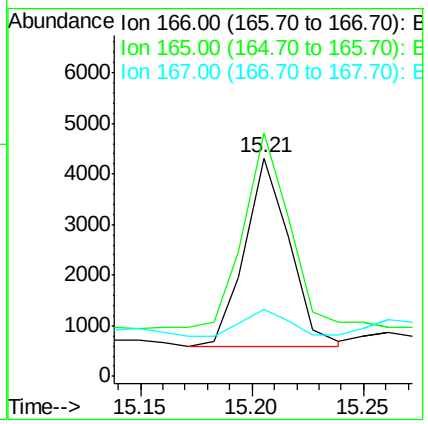


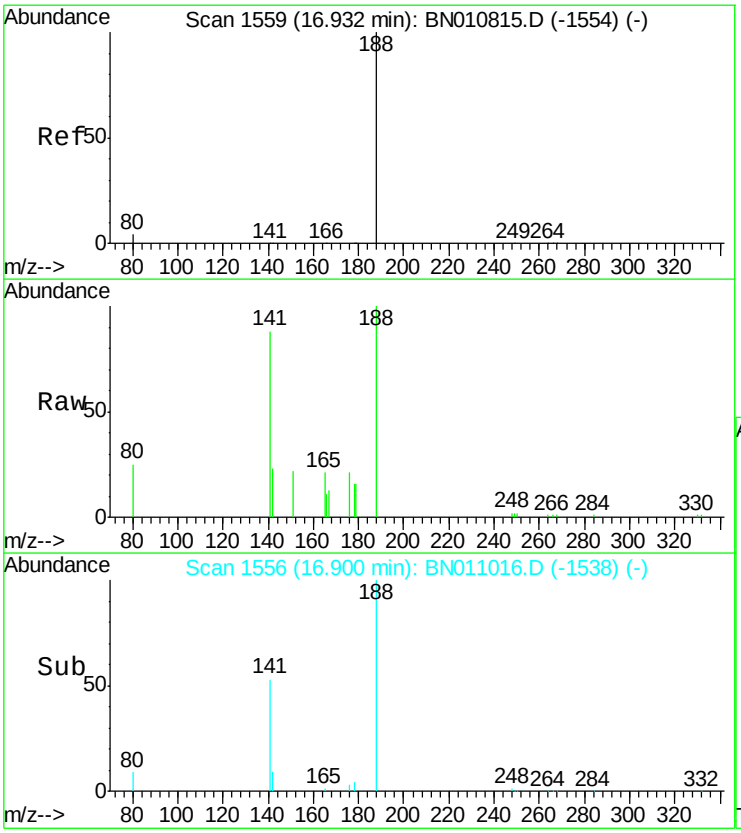
#18
Fluorene
Concen: 0.151 ng
RT: 15.21 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:166 Resp: 5240

Ion	Ratio	Lower	Upper
166	100		
165	107.6	77.2	115.8
167	15.4	10.7	16.1

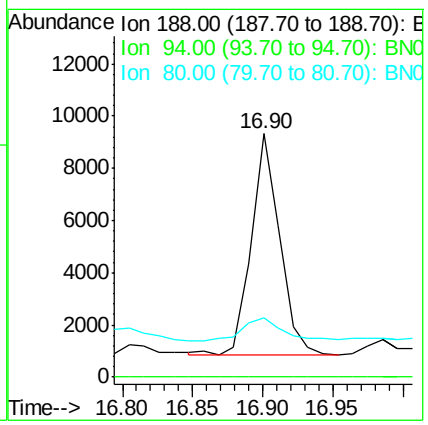


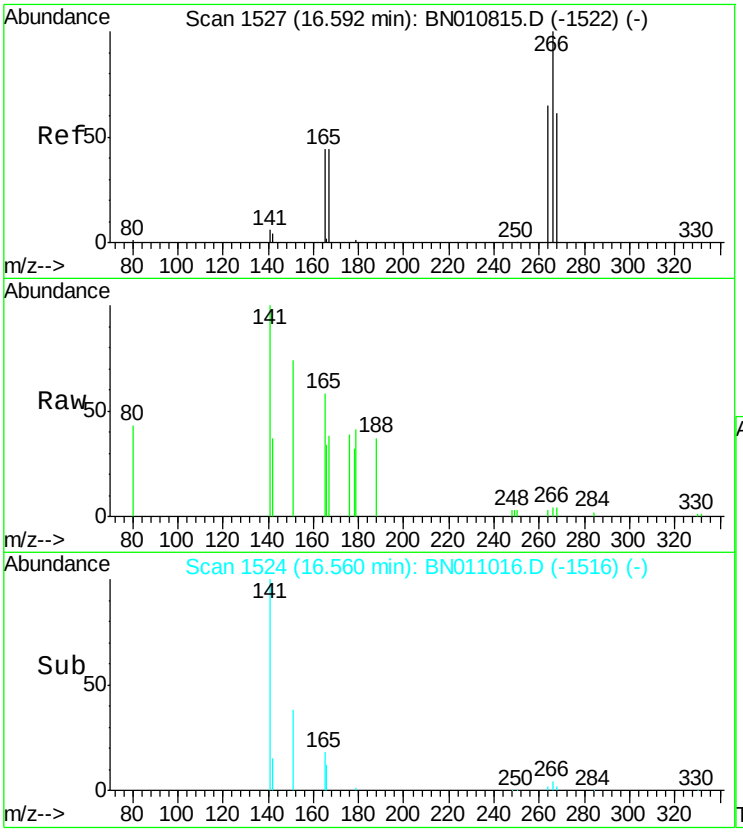


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:188 Resp: 11842

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	24.5	4.5	6.7#



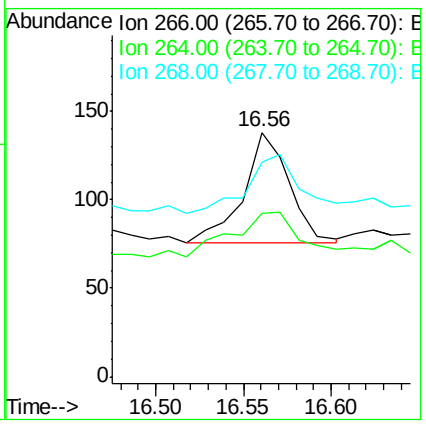


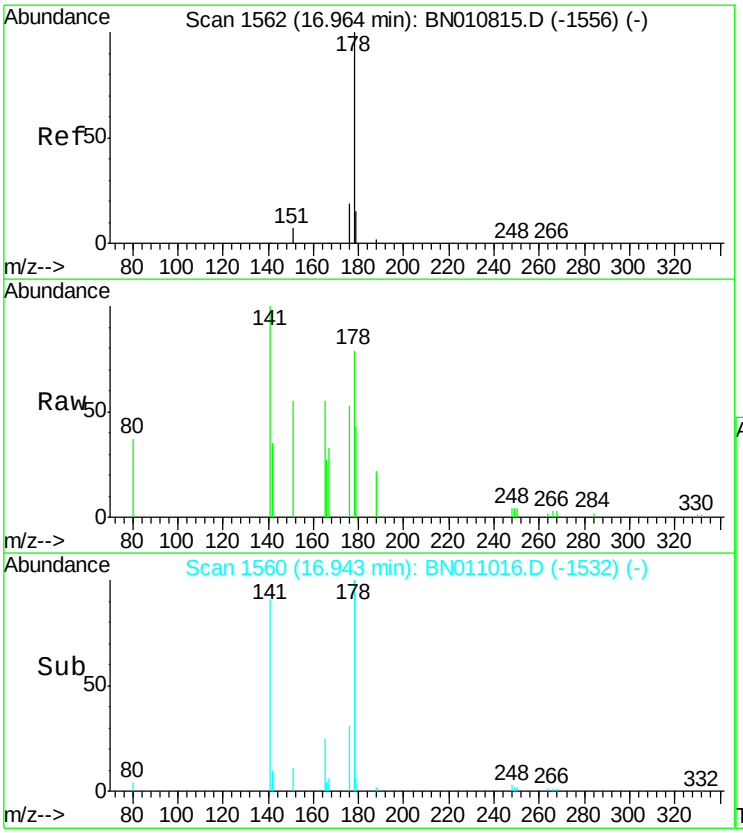
#22
Pentachlorophenol
Concen: 0.045 ng
RT: 16.56 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:266 Resp: 112

Ion	Ratio	Lower	Upper
266	100		
264	66.7	54.8	82.2
268	87.7	55.9	83.9#

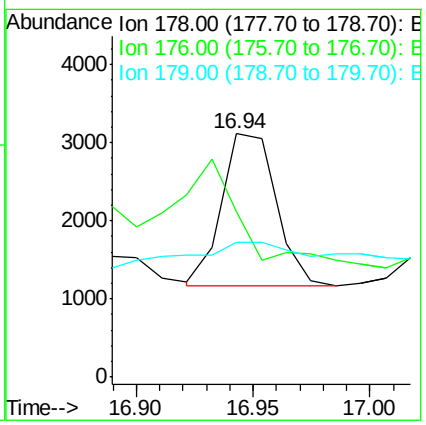


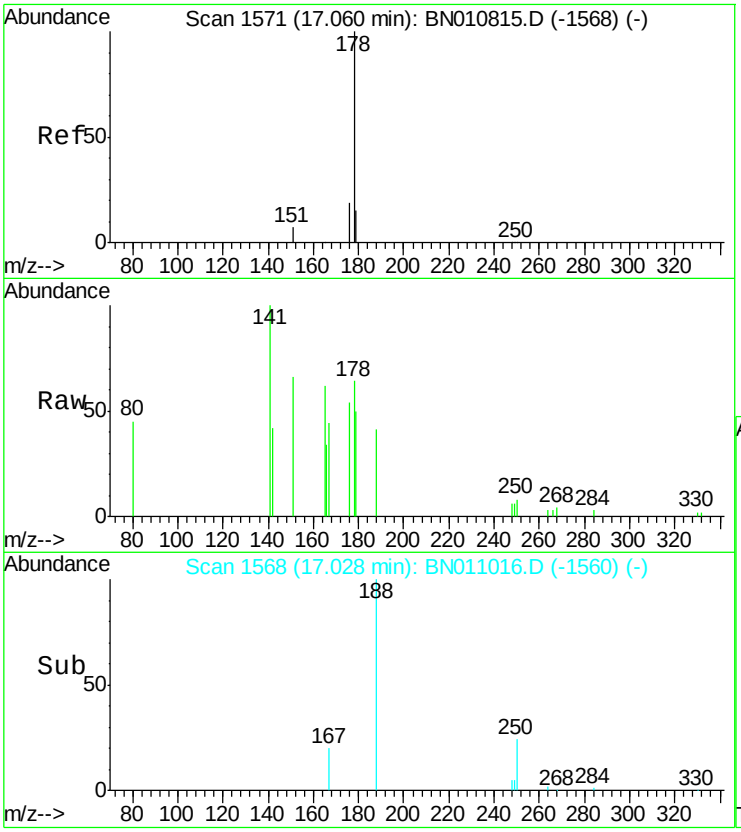


#23
Phenanthrene
Concen: 0.098 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:178 Resp: 3160

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	50.4	12.6	19.0#



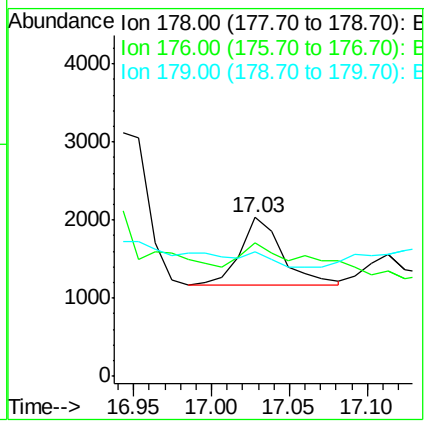


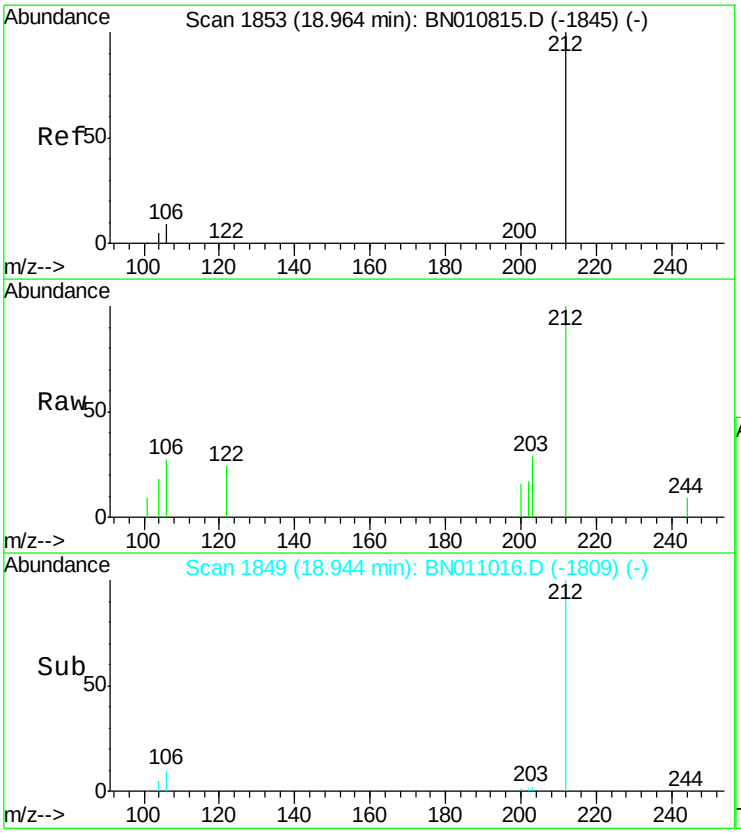
#24
Anthracene
Concen: 0.061 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:178 Resp: 1652

Ion	Ratio	Lower	Upper
178	100		
176	90.0	14.6	22.0#
179	0.0	12.3	18.5#

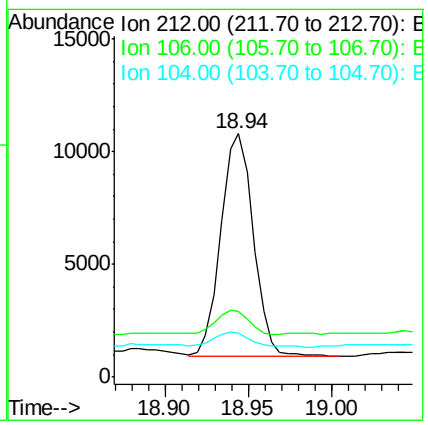


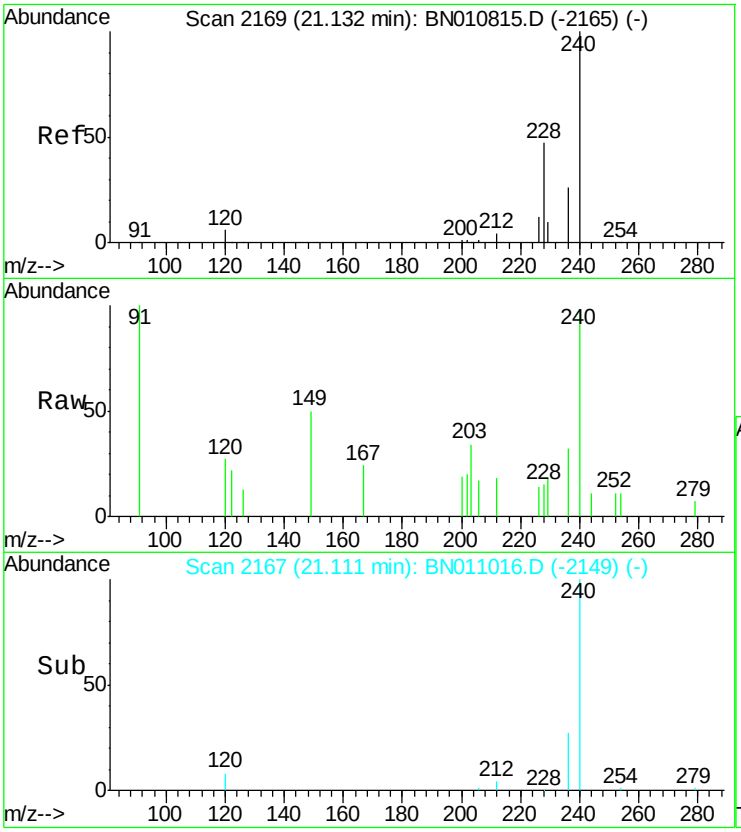


#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.94 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:212 Resp: 13312

Ion	Ratio	Lower	Upper
212	100		
106	10.8	6.6	10.0#
104	7.1	4.0	6.0#



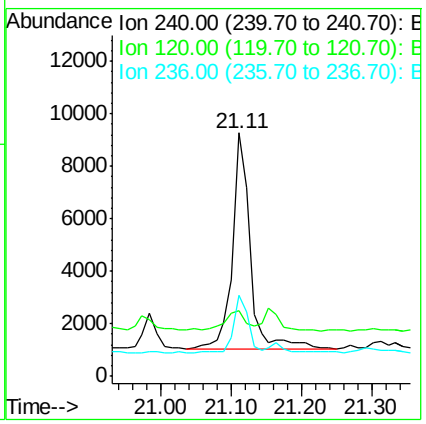


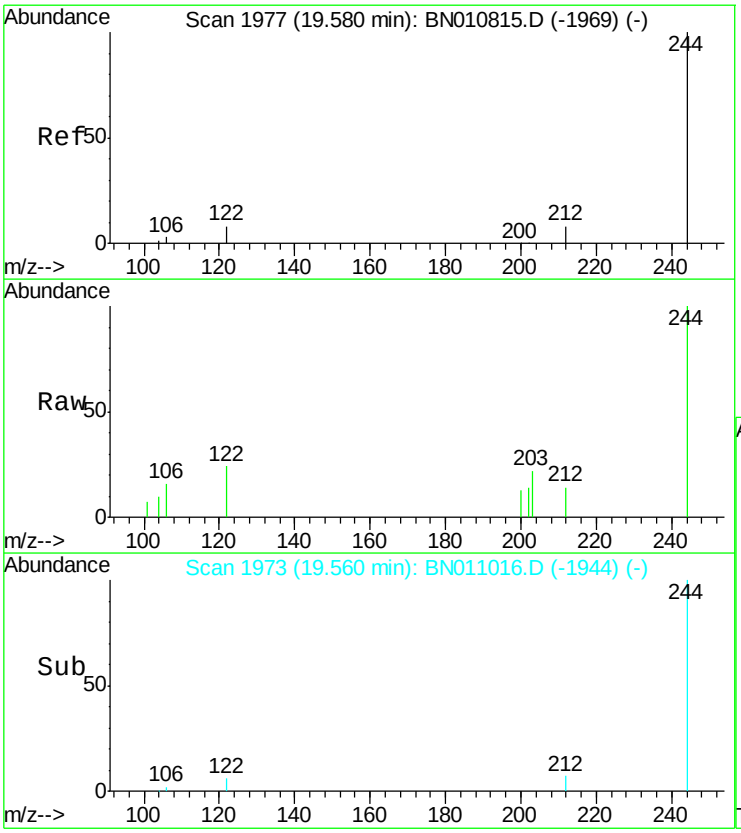
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:240 Resp: 14232

Ion	Ratio	Lower	Upper
240	100		
120	27.2	7.5	11.3#
236	33.1	22.3	33.5

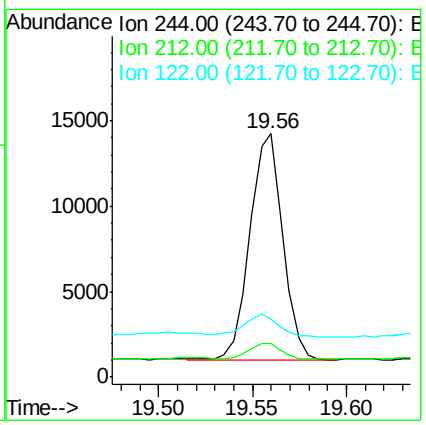


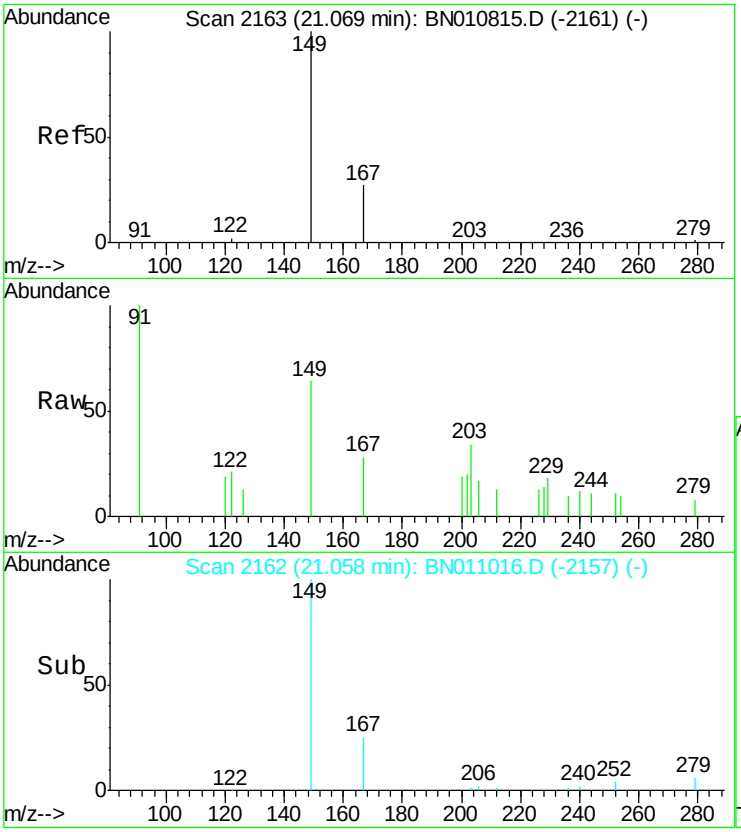


#29
Terphenyl-d14
Concen: 0.484 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:244 Resp: 16119

Ion	Ratio	Lower	Upper
244	100		
212	13.8	7.4	11.2#
122	24.0	7.5	11.3#



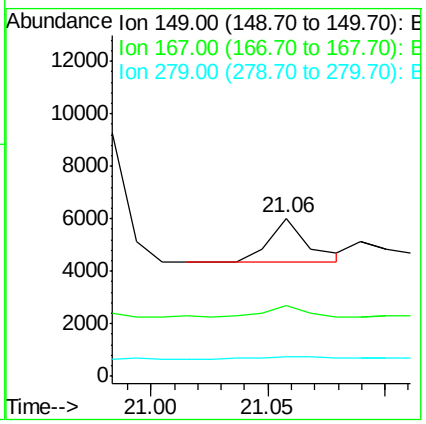


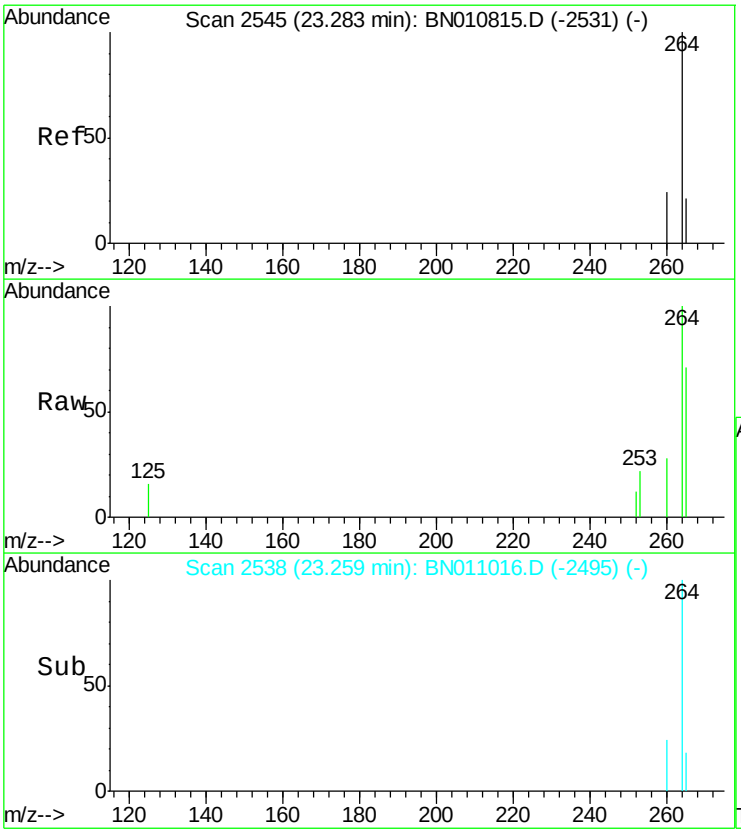
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.142 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN011016.D
Acq: 22 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :
SS043MW009-200616

Tgt Ion:149 Resp: 1976

Ion	Ratio	Lower	Upper
149	100		
167	24.4	24.1	36.1
279	10.9	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: BN011016.D
Acq: 22 Jun 2020 19:15

Tgt Ion:264 Resp: 12134

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.4	30.6
265	71.2	75.0	112.4#