Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010201.D
Acq On : 11 Mar 2020 20:34
Operator : CG/JU
Sample : L1842-23DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP02-20200305DL

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Quant Time: Mar 12 07:55:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 17:37:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	652m	0.40	ng	0.05
7) Naphthalene-d8	10.21	136	3076m	0.40	ng	0.10
13) Acenaphthene-d10	14.03	164	1979	0.40	ng	0.03
19) Phenanthrene-d10	16.83	188	4121	0.40	ng	0.05
27) Chrysene-d12	21.02	240	3117	0.40	ng	0.02
34) Perylene-d12	23.11	264	3136	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1	0.00	ng	0.02
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	8.81	82	197m	0.08	ng	0.25
11) 2-Methylnaphthalene-d10	11.87	152	290	0.05	ng	0.14
14) 2,4,6-Tribromophenol	15.54	330	1	0.00	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	495m	0.07	ng	0.09
25) Fluoranthene-d10	18.87	212	866	0.06	ng	0.05
29) Terphenyl-d14	19.46	244	635	0.09	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	1292m	1.935	ng	

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

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Misc :
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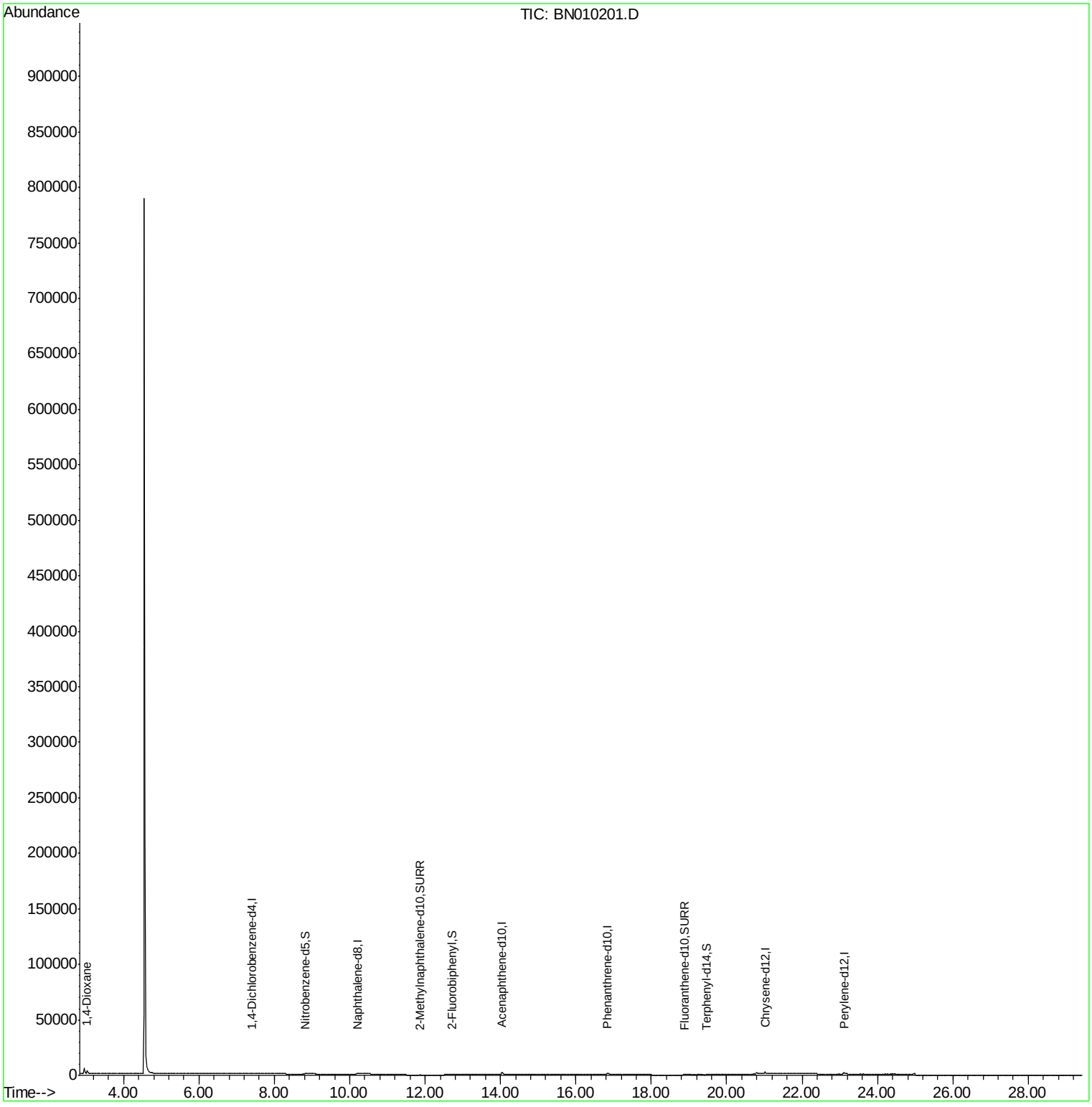
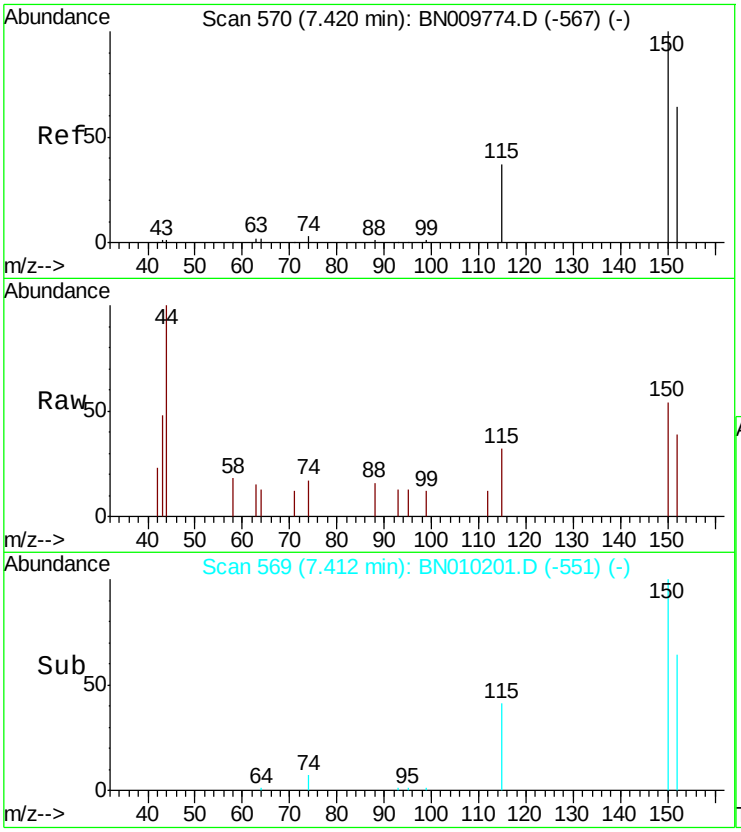
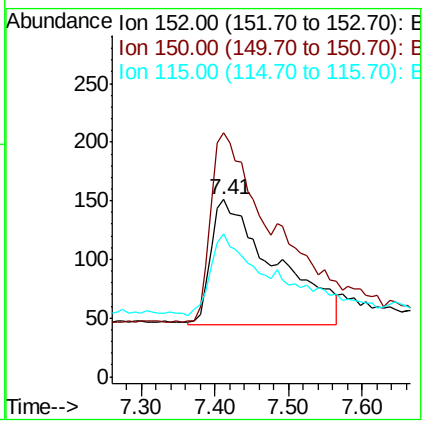




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.41 min Scan# 569
Delta R.T. 0.05 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:152 Resp: 652

Ion	Ratio	Lower	Upper
152	100		
150	137.7	120.6	181.0
115	80.8	51.2	76.8#



Instrument :
BNA_N
ClientSampleId :
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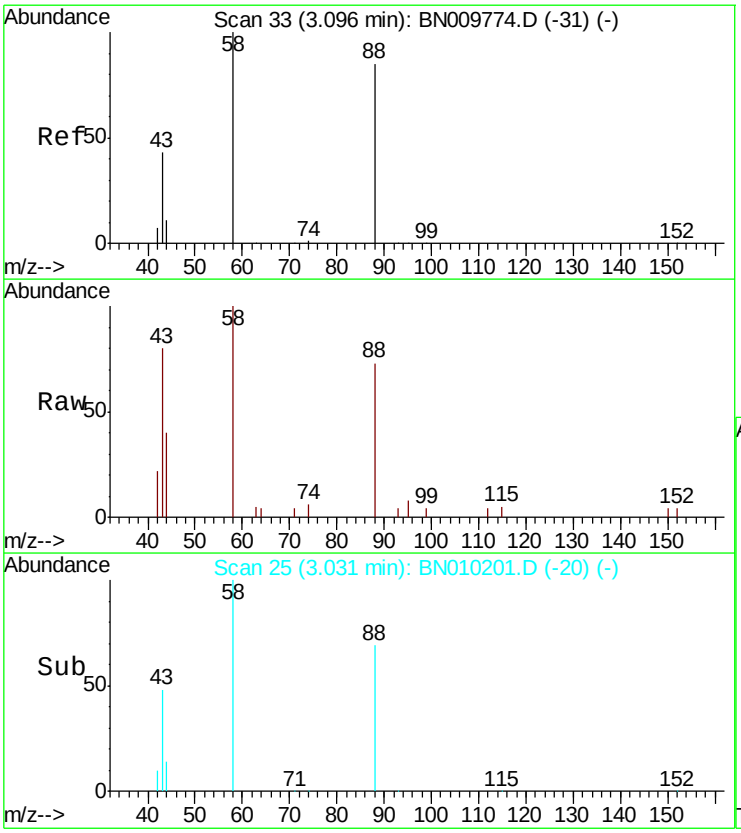
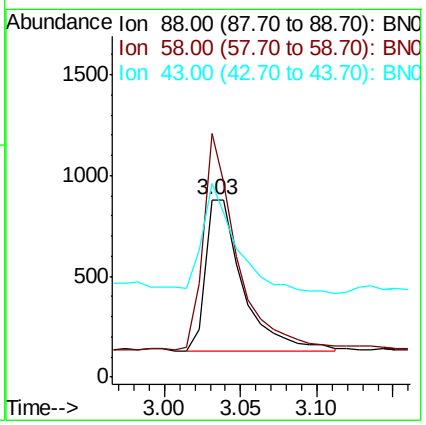
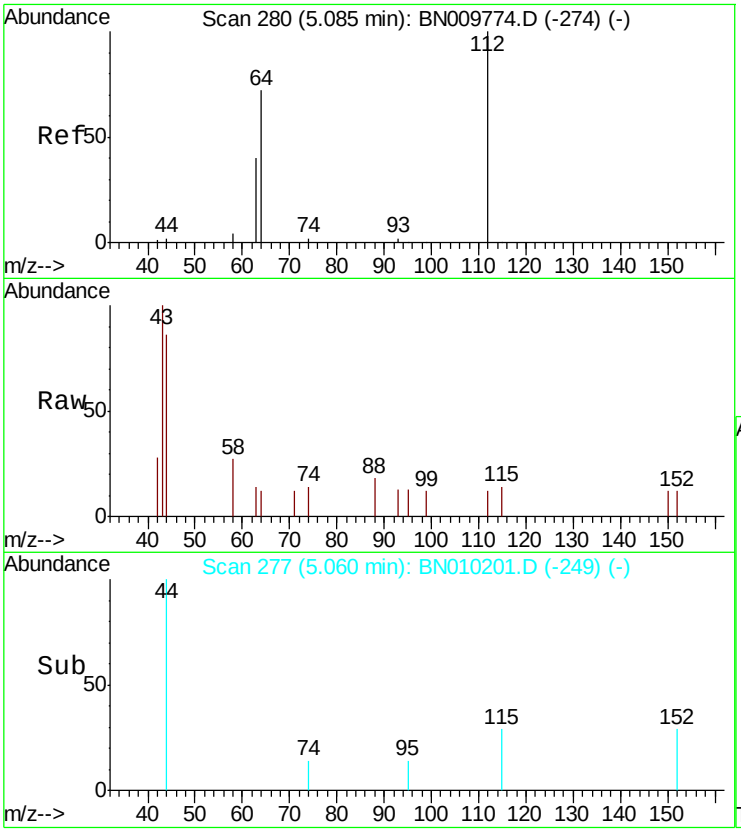


#2
1,4-Dioxane
Concen: 1.935 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion: 88 Resp: 1292

Ion	Ratio	Lower	Upper
88	100		
58	102.6	97.8	146.8
43	53.6	45.1	67.7





#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.06 min Scan# 277
Delta R.T. 0.02 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:112 Resp: 1

Ion	Ratio	Lower	Upper
112	100		
64	0.0	65.8	98.6#
63	600.0	38.7	58.1#

Instrument :
BNA_N
ClientSampleId :
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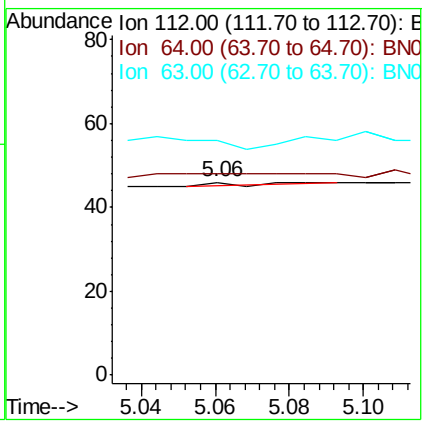
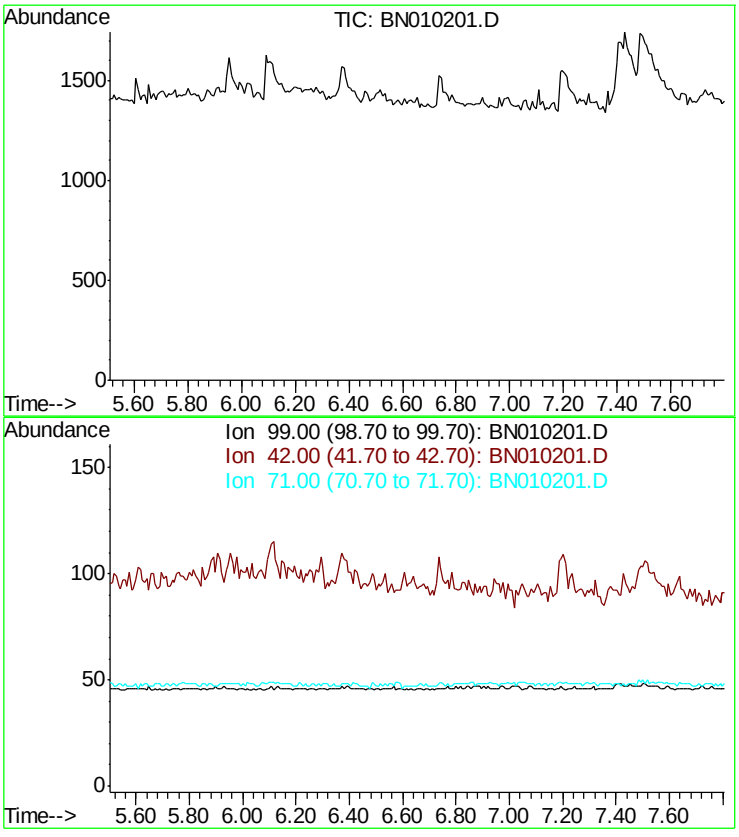


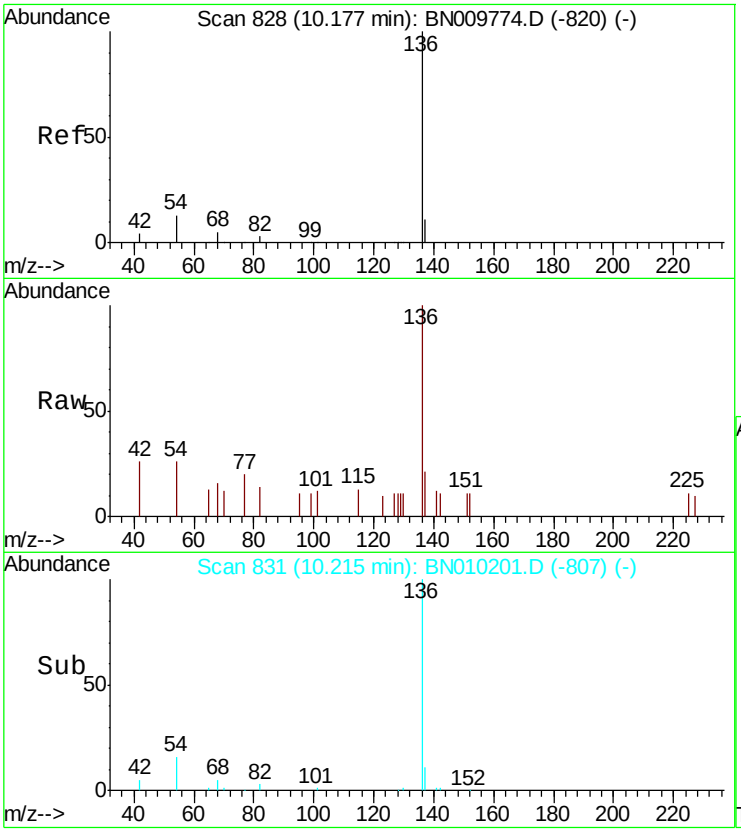


#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.61 min

Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion: 99

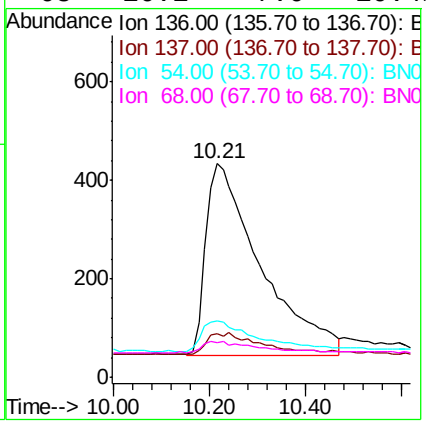
Sig	Exp Ratio
99	100
42	38.5
71	43.6



#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.21 min Scan# 831
Delta R.T. 0.10 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:136 Resp: 3076

Ion	Ratio	Lower	Upper
136	100		
137	20.5	11.3	16.9#
54	26.3	13.4	20.2#
68	16.1	7.0	10.4#



Instrument :
BNA_N
ClientSampleId :
DUP02-20200305DL

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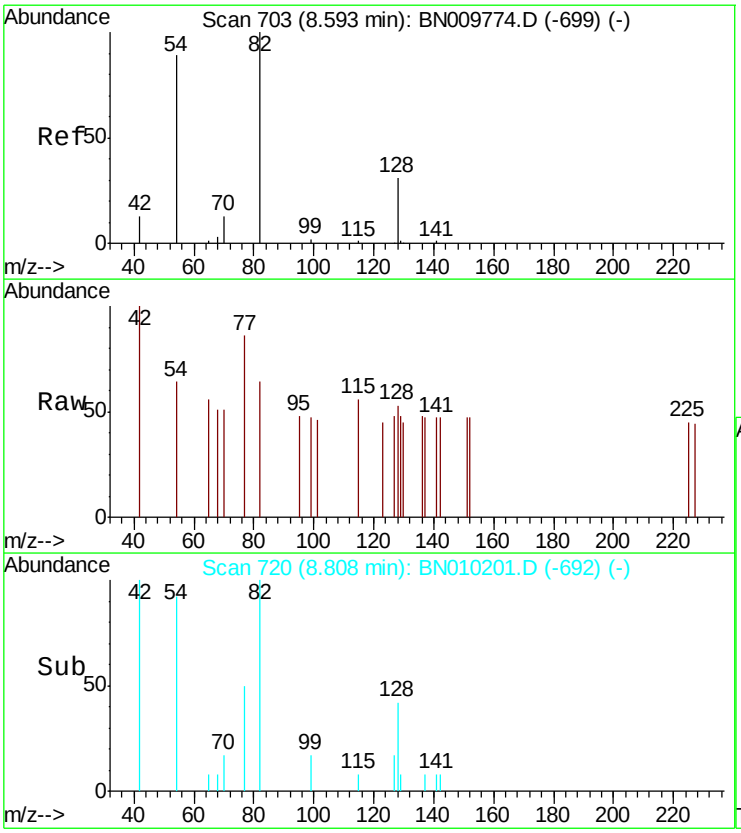
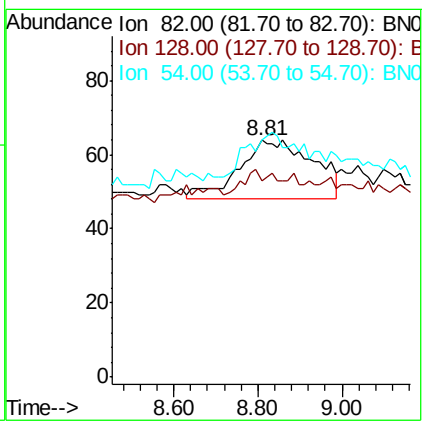
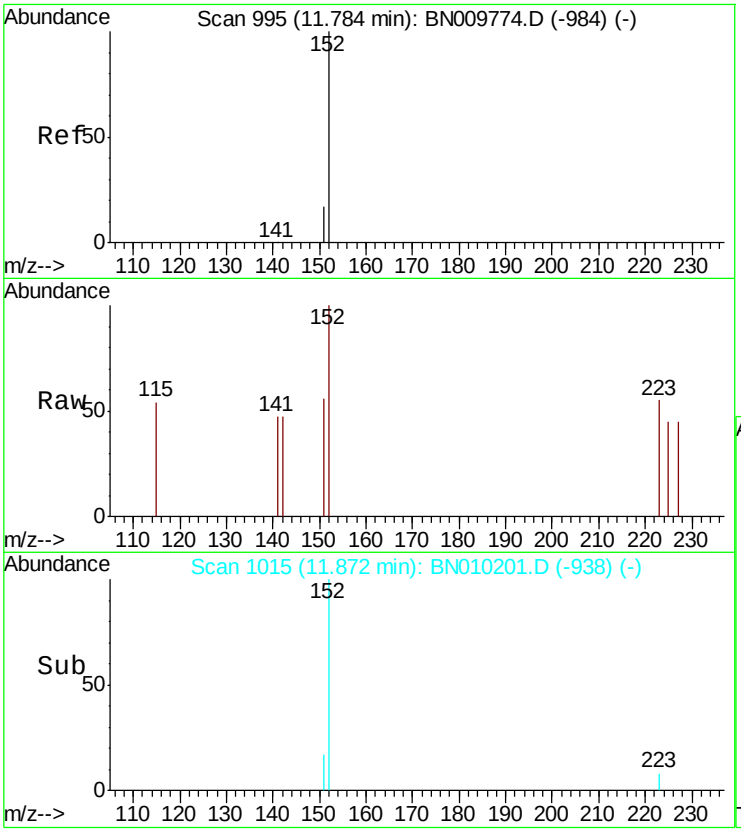


#8
Nitrobenzene-d5
Concen: 0.077 ng m
RT: 8.81 min Scan# 720
Delta R.T. 0.25 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion: 82 Resp: 197

Ion	Ratio	Lower	Upper
82	100		
128	82.8	32.5	48.7#
54	100.0	73.5	110.3

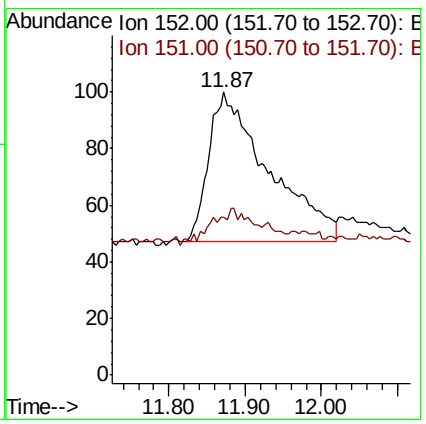




#11
2-Methylnaphthalene-d10
Concen: 0.049 ng
RT: 11.87 min Scan# 1015
Delta R.T. 0.14 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:152 Resp: 290

Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DUP02-20200305DL

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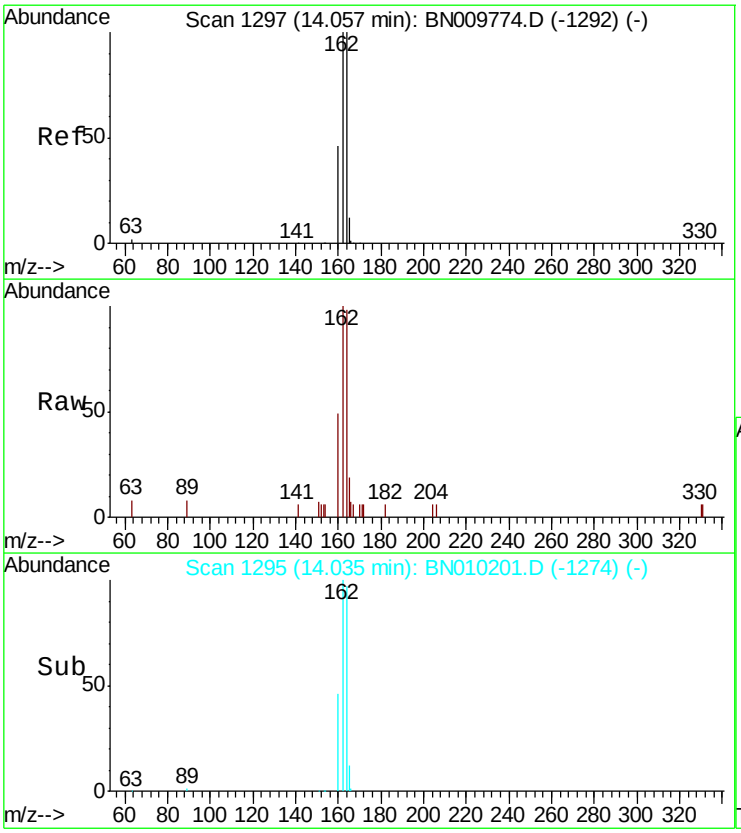
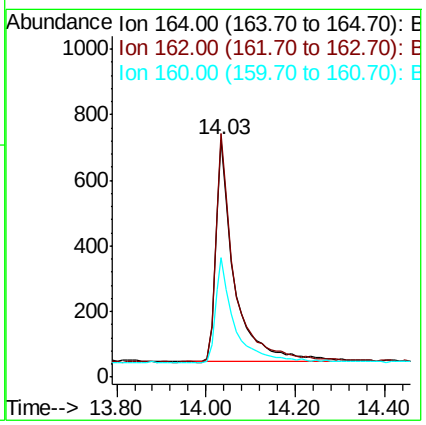
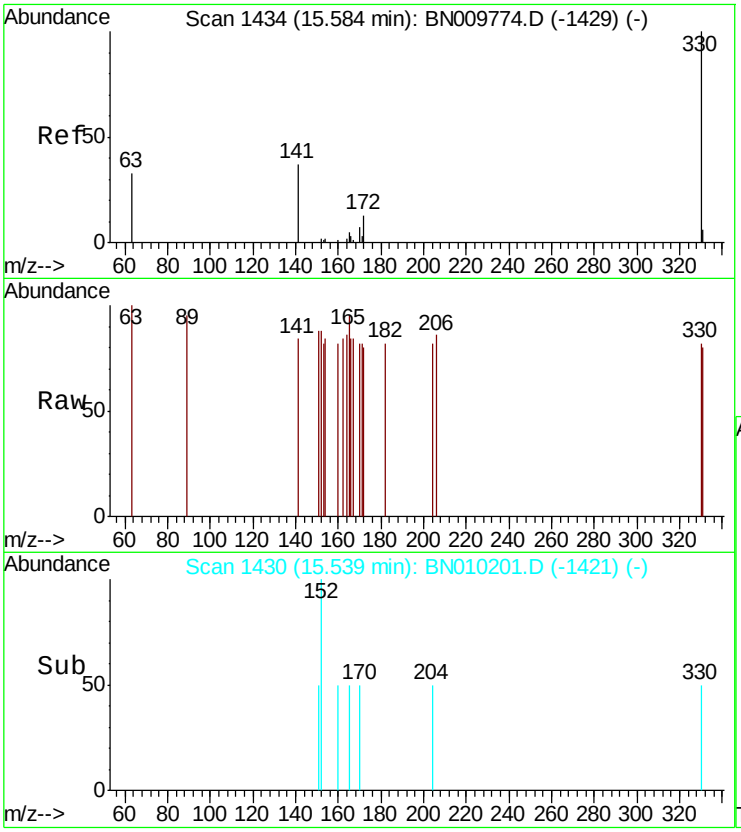


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. 0.03 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:164 Resp: 1979

Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.9	119.9
160	50.3	38.2	57.2





#14
2,4,6-Tribromophenol
Concen: 0.001 ng
RT: 15.54 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:330 Resp: 1

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	36.8	55.2#

Instrument :
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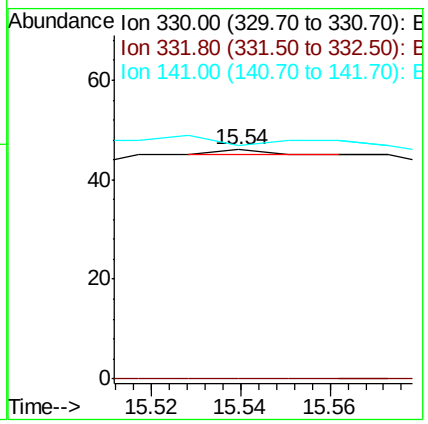
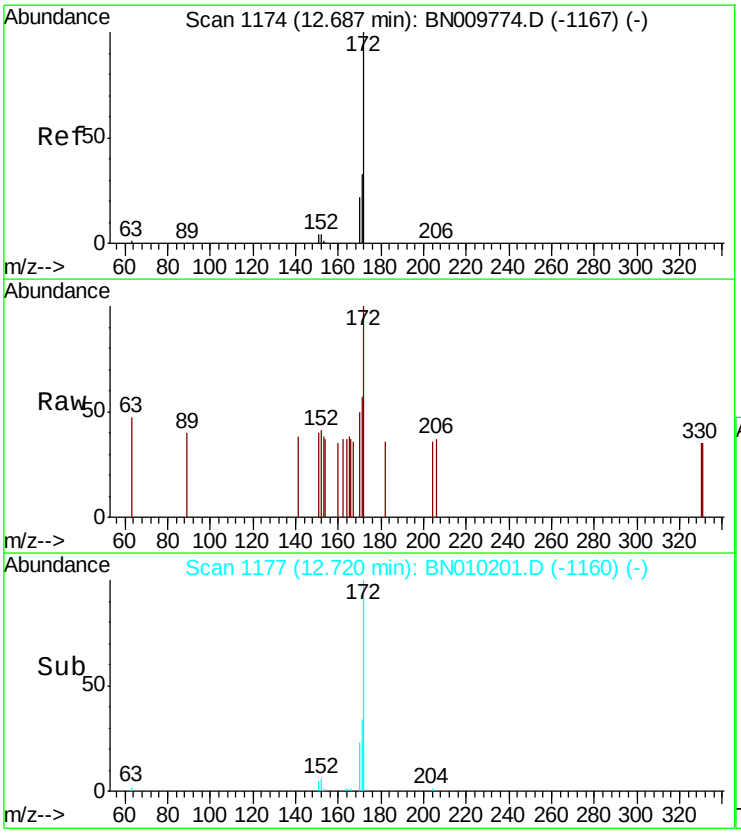
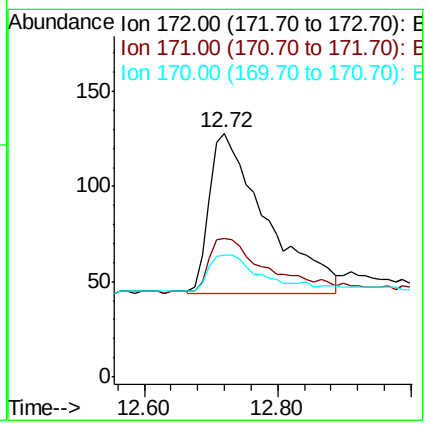


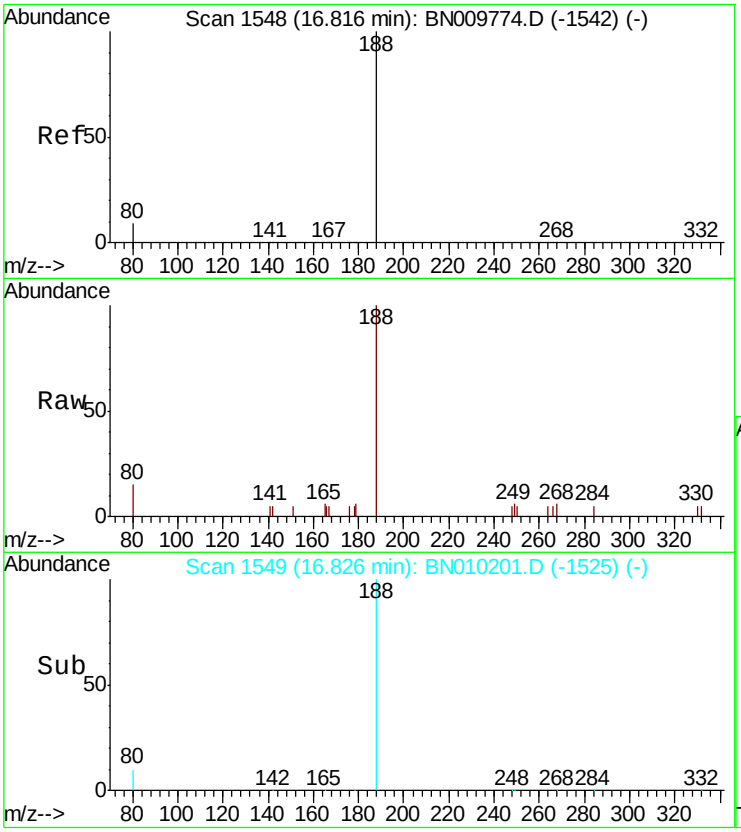


#15
2-Fluorobiphenyl
Concen: 0.066 ng m
RT: 12.72 min Scan# 1177
Delta R.T. 0.09 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:172 Resp: 495

Ion	Ratio	Lower	Upper
172	100		
171	57.0	28.7	43.1#
170	50.0	20.1	30.1#

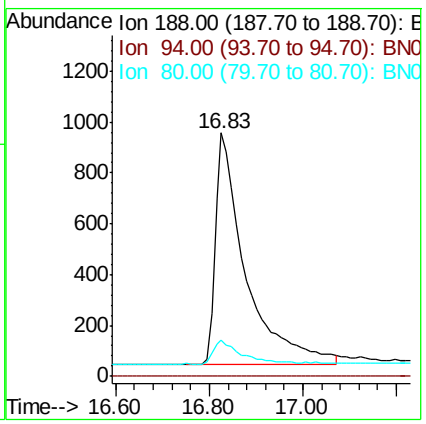




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.05 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:188 Resp: 4121

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	8.3	12.5#



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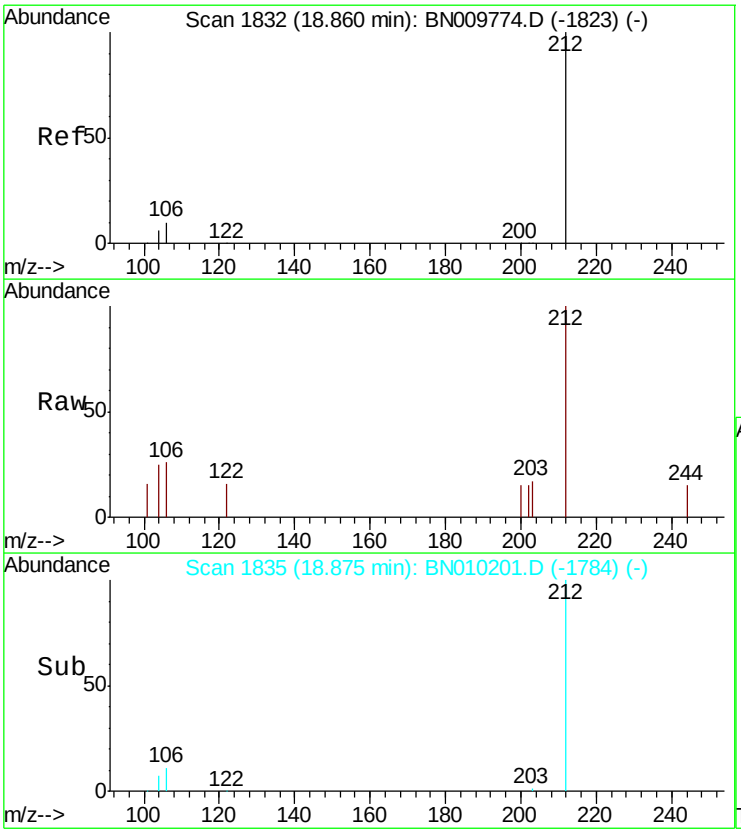
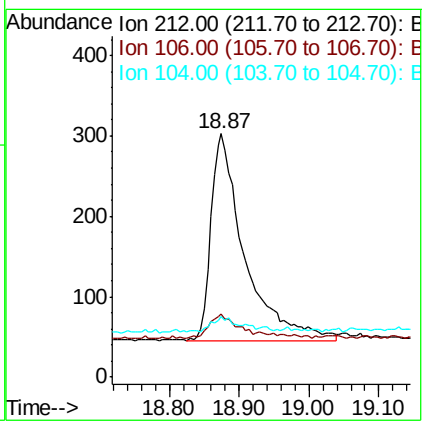
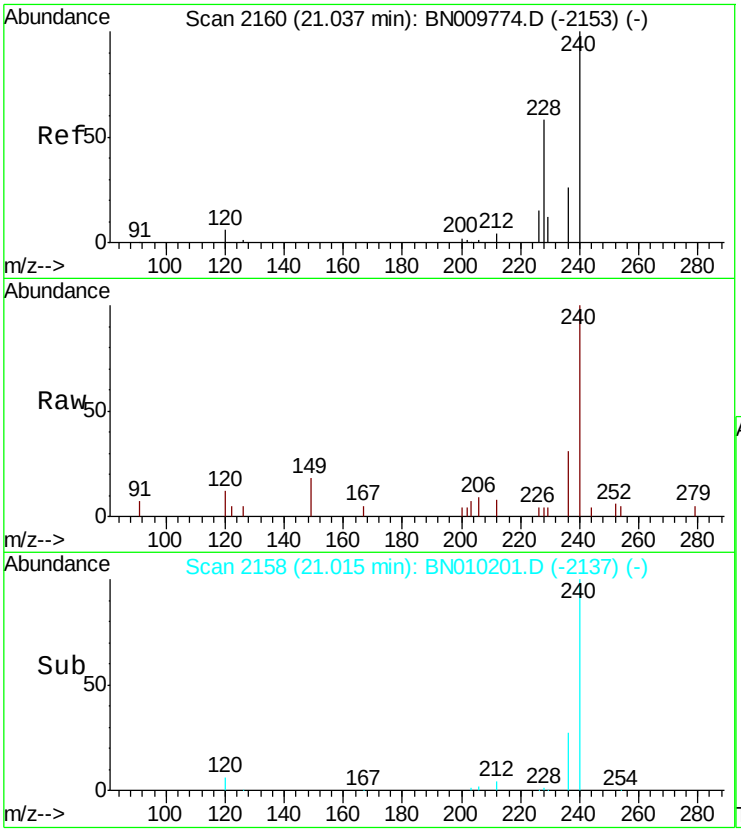


#25
Fluoranthene-d10
Concen: 0.061 ng
RT: 18.87 min Scan# 1835
Delta R.T. 0.05 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:212 Resp: 866

Ion	Ratio	Lower	Upper
212	100		
106	9.0	8.4	12.6
104	4.4	4.8	7.2#





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. 0.02 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:240 Resp: 3117

Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.9	11.9#
236	30.5	22.0	33.0

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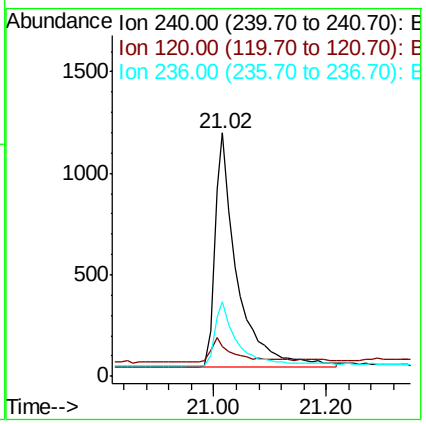
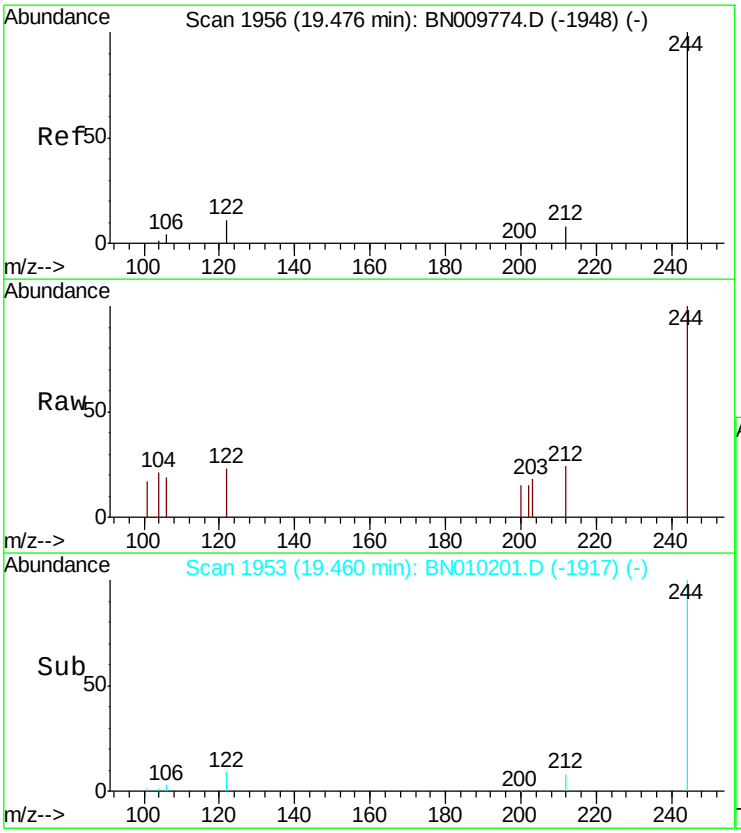
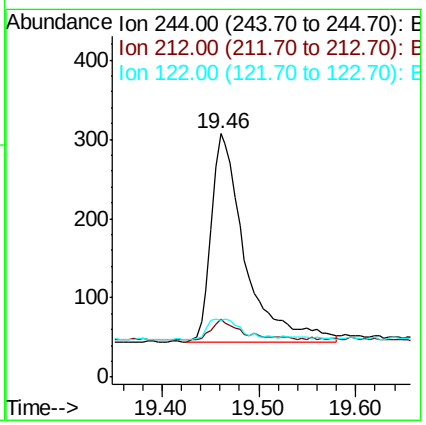


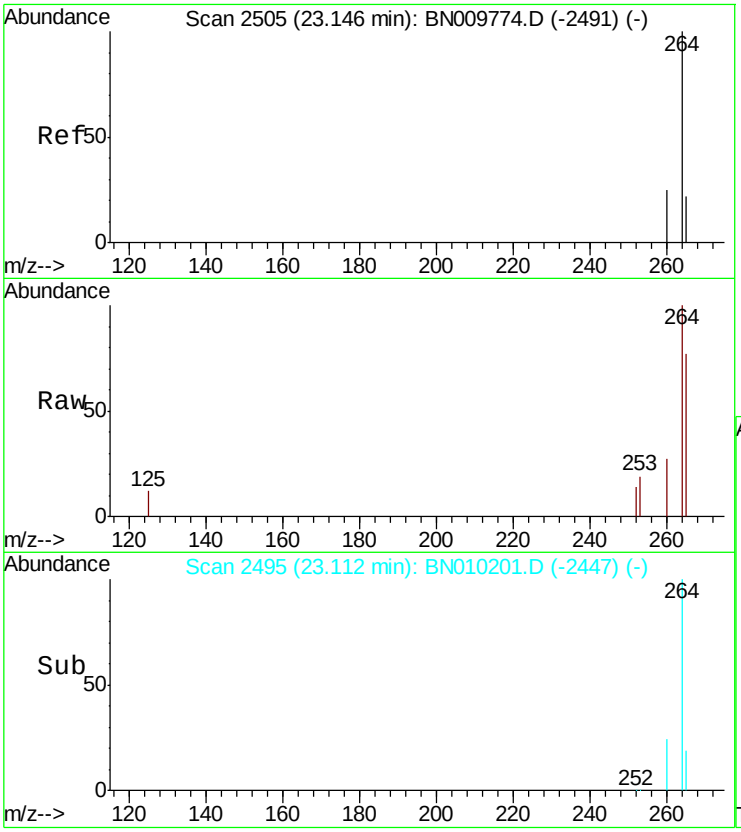


#29
Terphenyl-d14
Concen: 0.085 ng
RT: 19.46 min Scan# 1953
Delta R.T. 0.03 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:244 Resp: 635

Ion	Ratio	Lower	Upper
244	100		
212	23.8	8.0	12.0#
122	23.1	10.0	15.0#

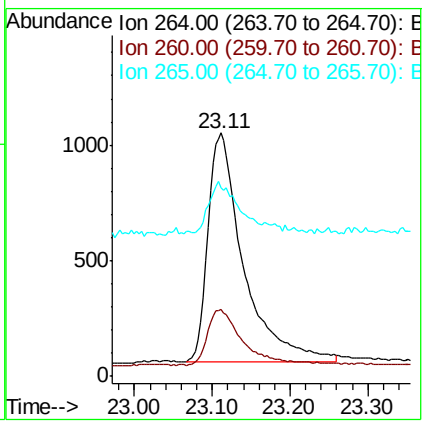




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. 0.01 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:264 Resp: 3136

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.1	31.7
265	77.2	57.5	86.3



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