Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022121\
Data File : BN013715.D
Acq On : 21 Feb 2021 08:30
Operator : CG/JU
Sample : M1429-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBGR8

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Quant Time: Feb 22 06:59:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN022121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 01:25:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4332	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	17923	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	18040	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	25796m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	15584	0.40	ng/ul	0.01
20) Perylene-d12	23.33	264	17138	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	13287m	0.51	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	25347	0.37	ng/ul	0.03
Target Compounds						Qvalue
3) Naphthalene	10.36	128	859857	18.192	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	26271	0.818	ng/ul	99
7) Acenaphthylene	13.92	152	2037	0.029	ng/ul#	1
8) Acenaphthene	14.25	153	9031	0.149	ng/ul	90
9) Fluorene	15.24	166	3521	0.050	ng/ul#	70
11) Pentachlorophenol	16.60	266	3822	0.637	ng/ul	99
12) Phenanthrene	16.98	178	14549	0.188	ng/ul#	1
13) Anthracene	17.07	178	4572m	0.067	ng/ul	
17) Pyrene	19.39	202	5873	0.099	ng/ul#	1
18) Benzo(a)anthracene	21.13	228	8976	0.167	ng/ul#	1

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

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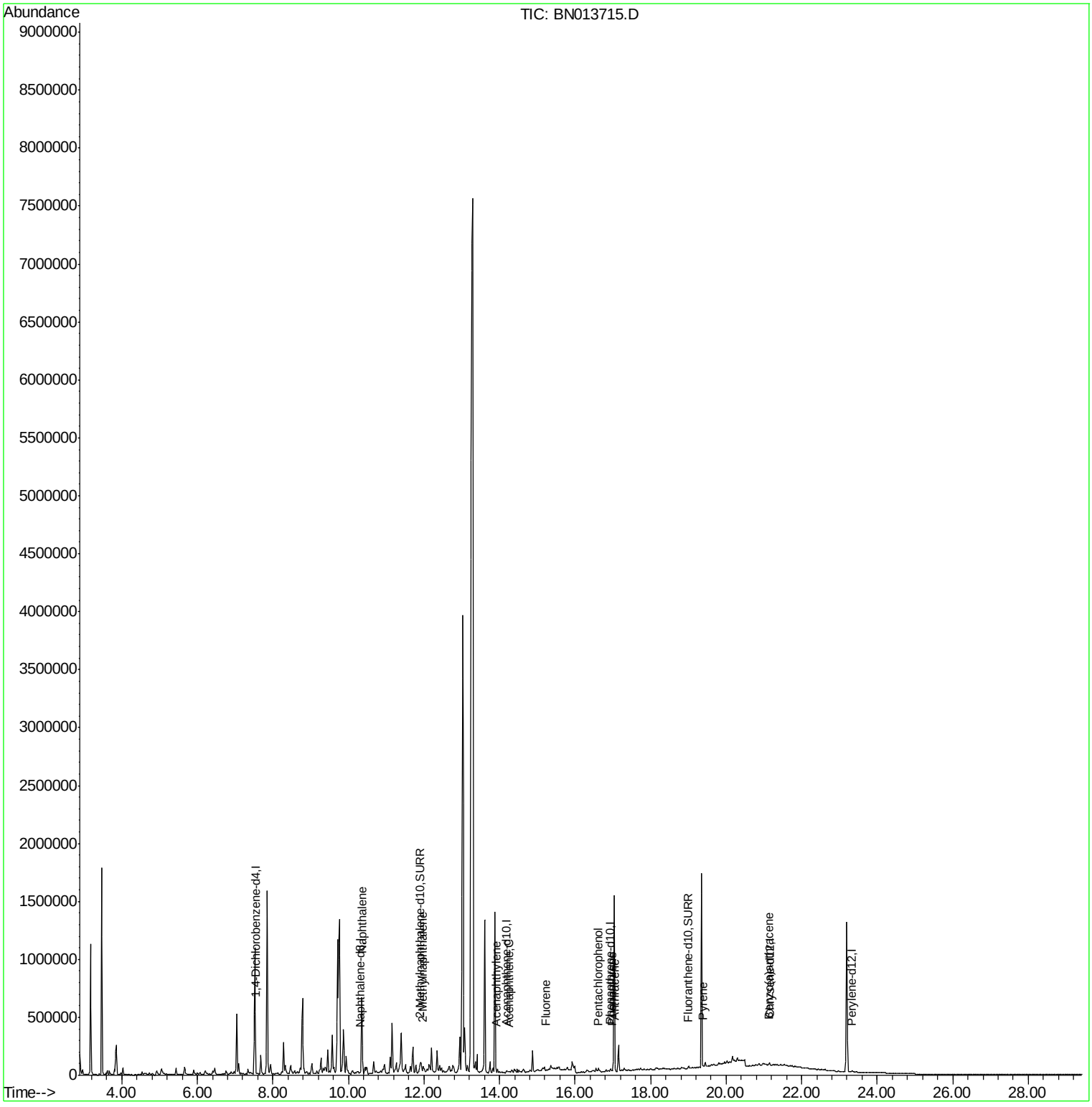
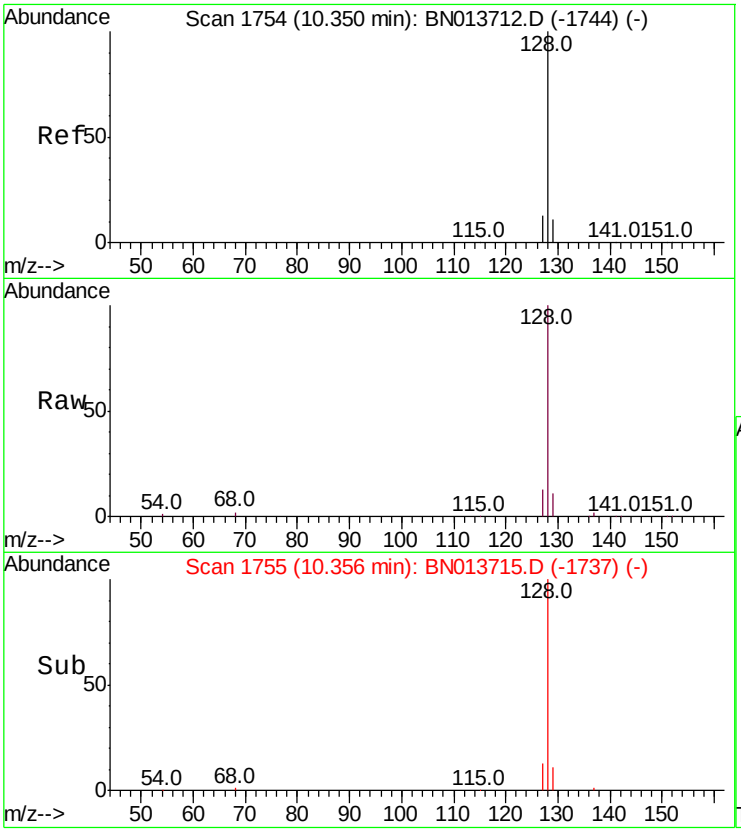
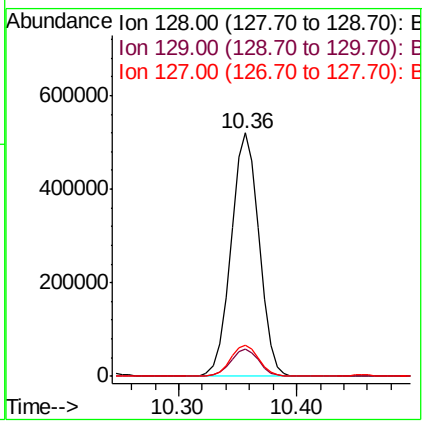




#3
Naphthalene
Concen: 18.192 ng/ul
RT: 10.36 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:128 Resp: 859857

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.0	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
DBGR8

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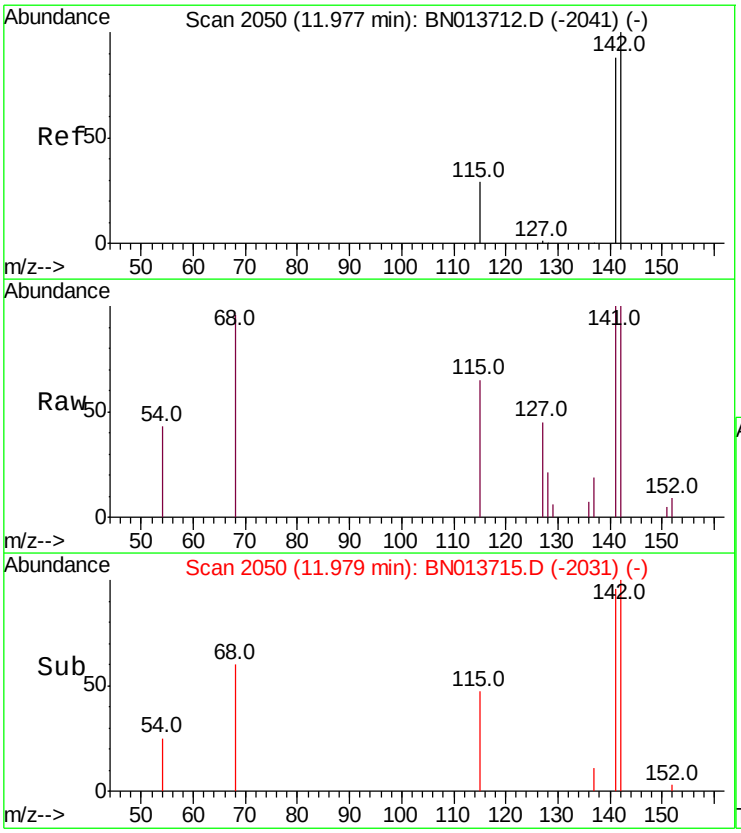
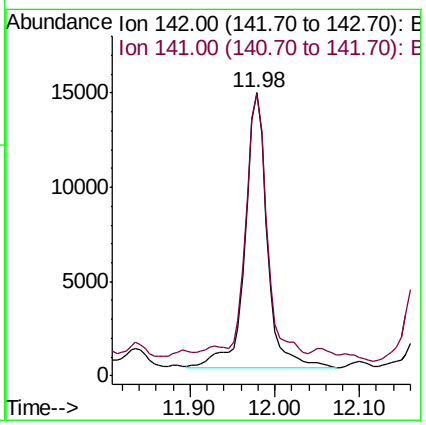
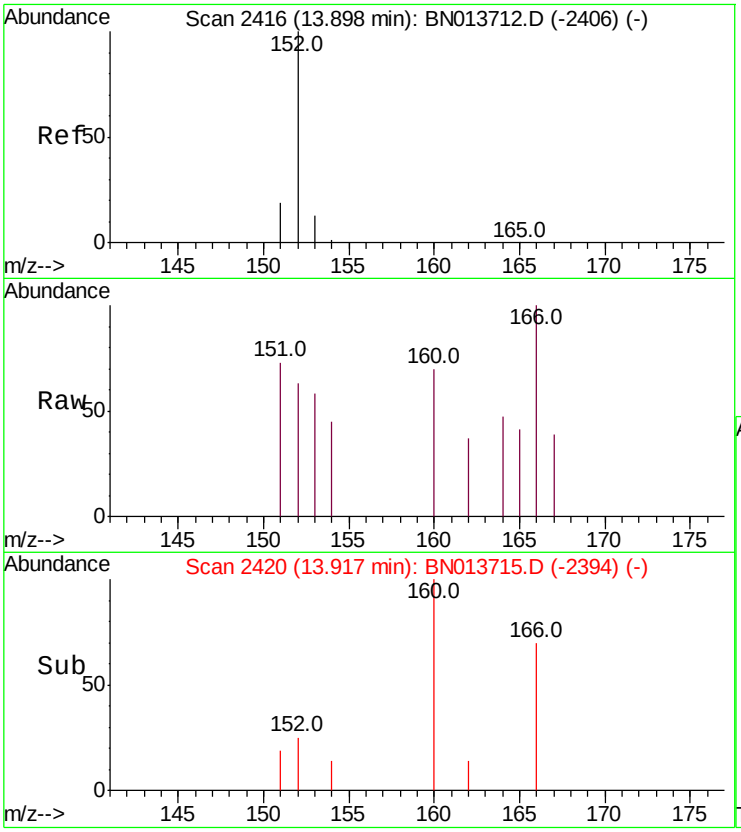


#5
2-Methylnaphthalene
Concen: 0.818 ng/ul
RT: 11.98 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:142 Resp: 26271

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4





#7
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.92 min Scan# 2420
Delta R.T. 0.02 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:152 Resp: 2037

Ion	Ratio	Lower	Upper
152	100		
151	116.1	15.6	23.4#
153	91.7	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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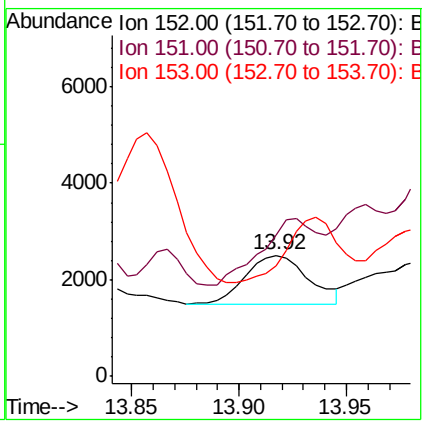
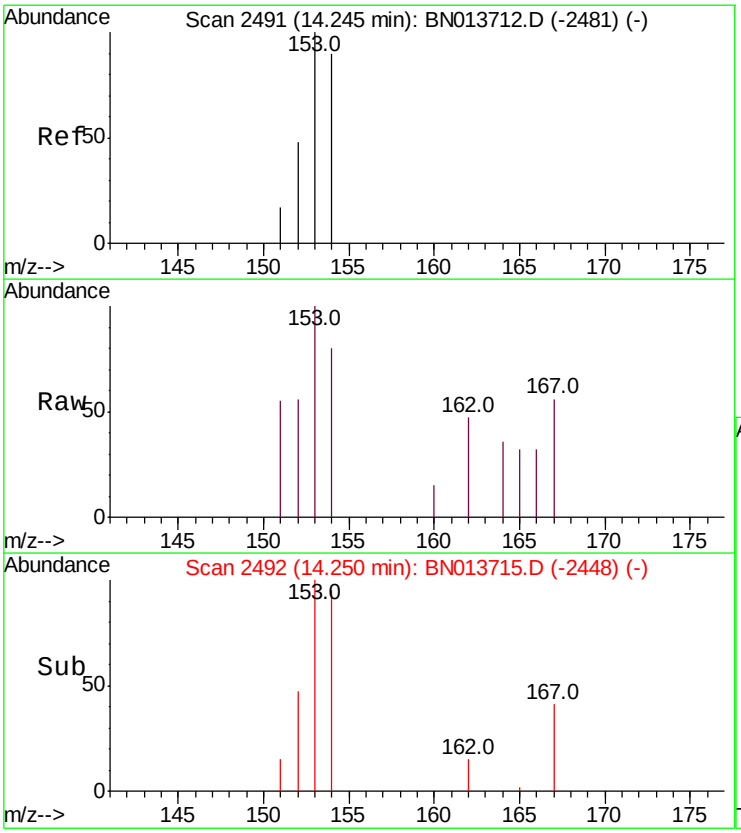
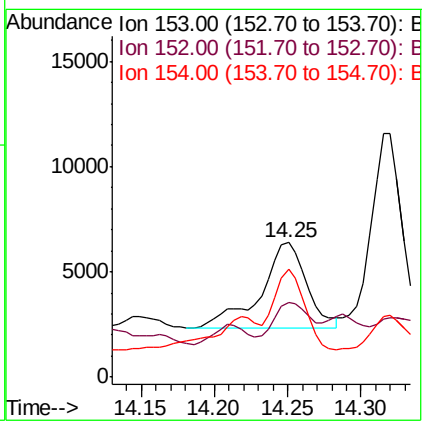


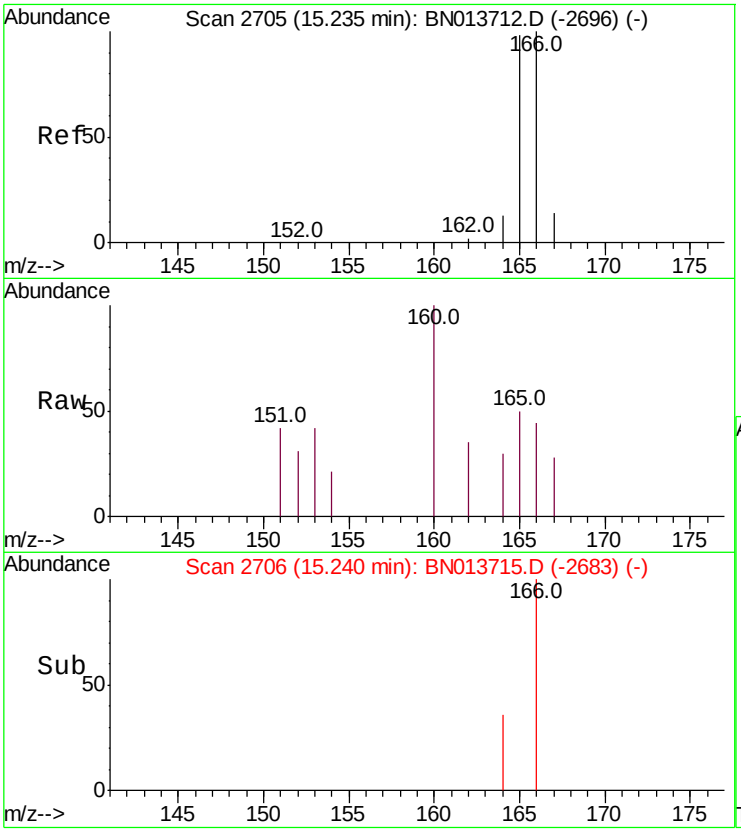


#8
Acenaphthene
Concen: 0.149 ng/ul
RT: 14.25 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:153 Resp: 9031

Ion	Ratio	Lower	Upper
153	100		
152	55.6	38.5	57.7
154	80.3	71.7	107.5

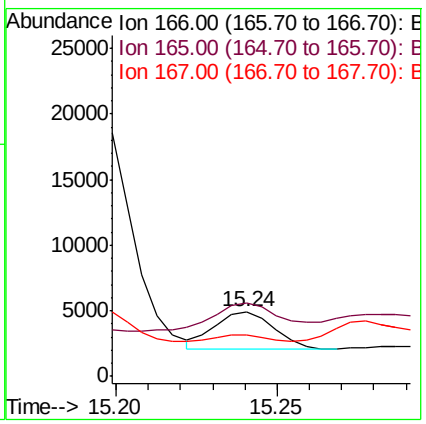




#9
Fluorene
Concen: 0.050 ng/ul
RT: 15.24 min Scan# 2706
Delta R.T. 0.00 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:166 Resp: 3521

Ion	Ratio	Lower	Upper
166	100		
165	113.8	77.8	116.8
167	63.6	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
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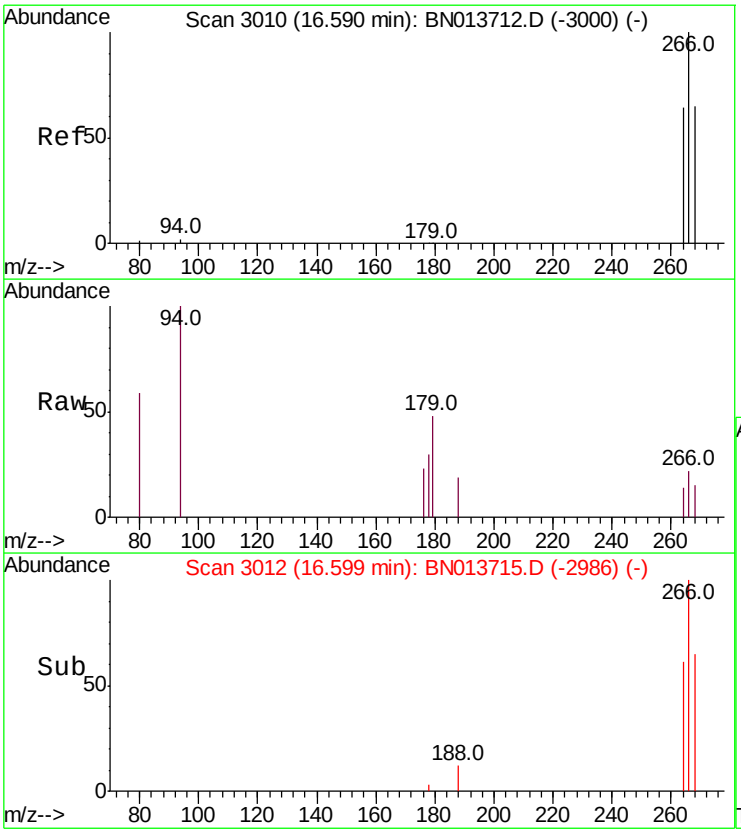
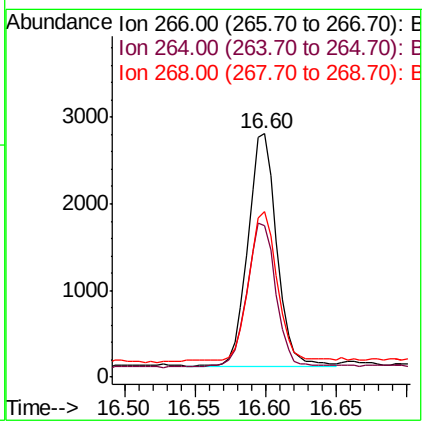
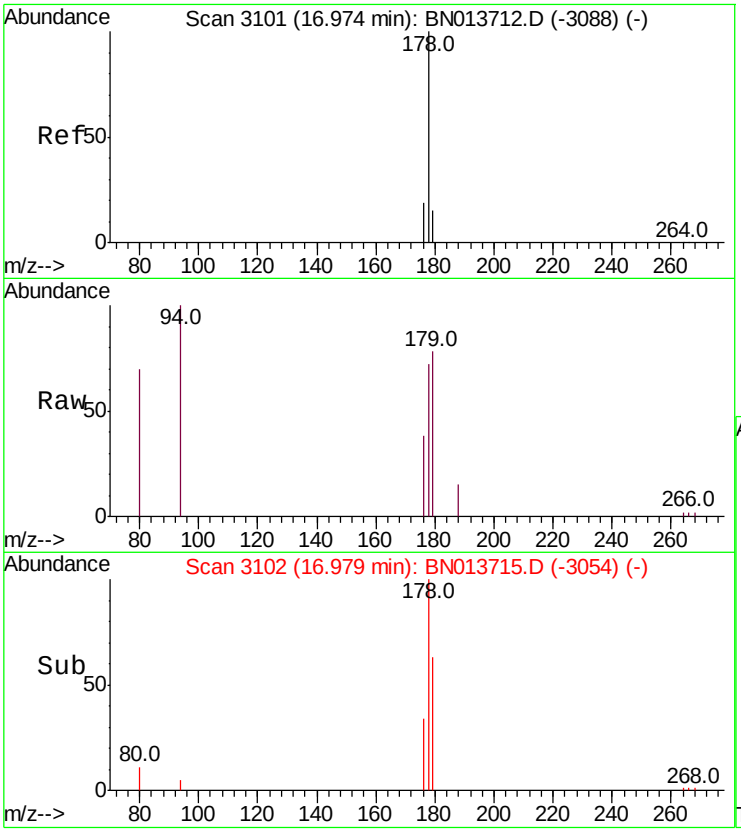


#11
Pentachlorophenol
Concen: 0.637 ng/ul
RT: 16.60 min Scan# 3012
Delta R.T. 0.01 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:266 Resp: 3822

Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.4	74.0
268	61.9	49.2	73.8





#12
Phenanthrene
Concen: 0.188 ng/ul
RT: 16.98 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Instrument :
BNA_N
ClientSampleId :
DBGR8

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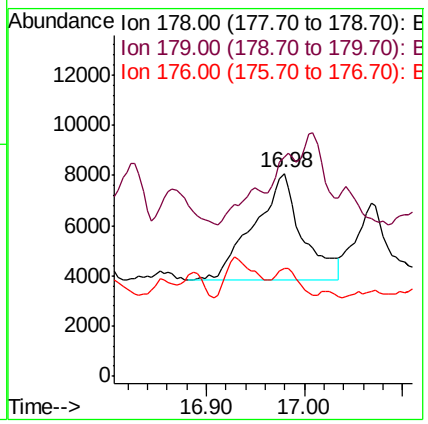
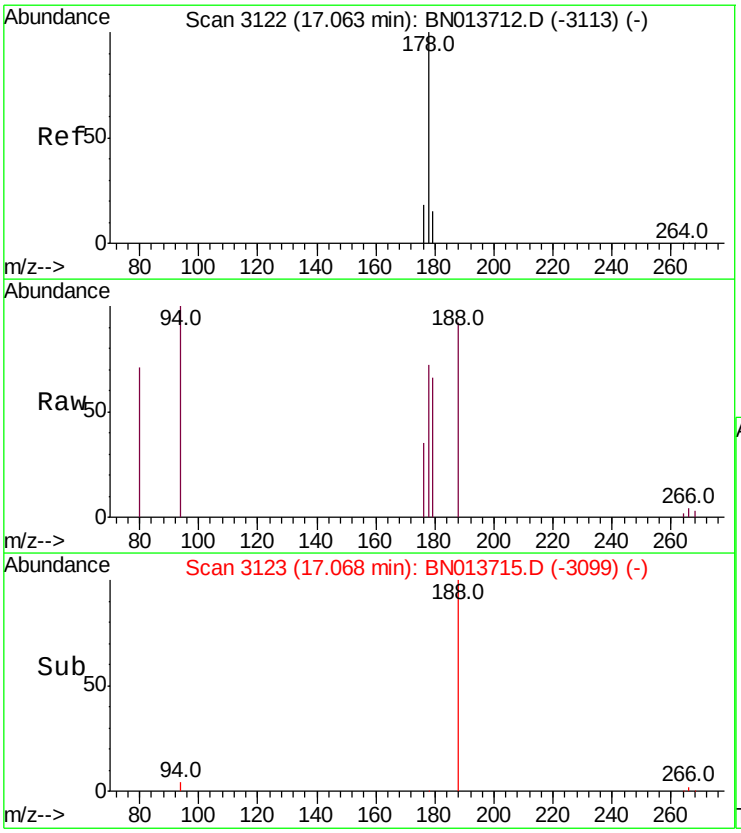
Tgt Ion:178 Resp: 14549

Ion	Ratio	Lower	Upper
178	100		
179	108.3	12.5	18.7#
176	53.5	15.1	22.7#

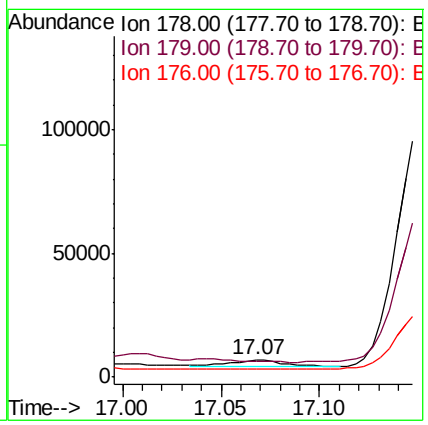


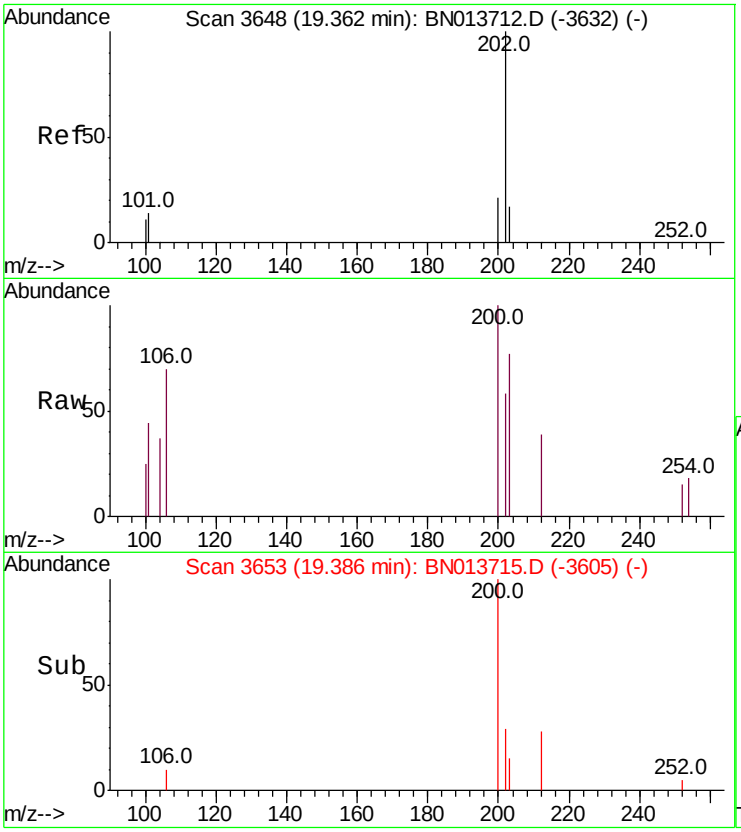


#13
Anthracene
Concen: 0.067 ng/ul m
RT: 17.07 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:178 Resp: 4572

Ion	Ratio	Lower	Upper
178	100		
179	91.5	12.8	19.2#
176	49.4	14.6	22.0#





#17
Pyrene
Concen: 0.099 ng/ul
RT: 19.39 min Scan# 3653
Delta R.T. 0.02 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Instrument :
BNA_N
ClientSampleId :
DBGR8

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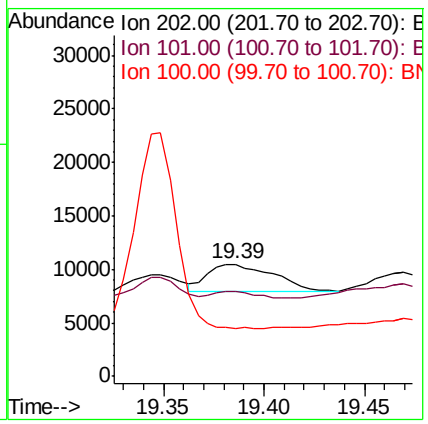
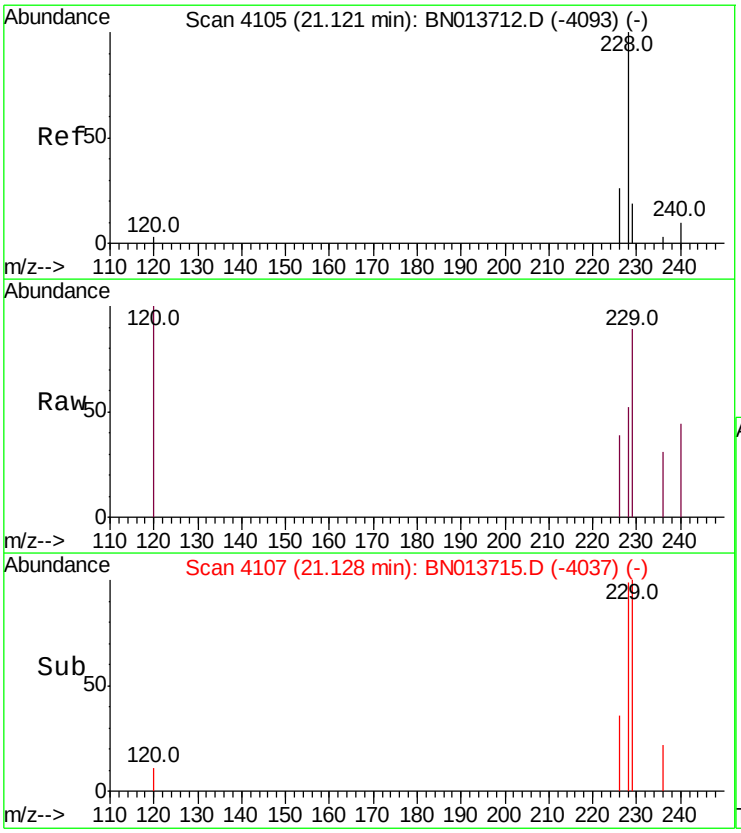
Tgt Ion:202 Resp: 5873

Ion	Ratio	Lower	Upper
202	100		
101	75.7	11.5	17.3#
100	42.9	9.3	13.9#





#18
Benzo(a)anthracene
Concen: 0.167 ng/ul
RT: 21.13 min Scan# 4107
Delta R.T. 0.01 min
Lab File: BN013715.D
Acq: 21 Feb 2021 08:30

Tgt Ion:228 Resp: 8976

Ion	Ratio	Lower	Upper
228	100		
229	170.4	15.8	23.8#
226	74.5	21.5	32.3#