Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010196.D
Acq On : 11 Mar 2020 17:35
Operator : CG/JU
Sample : L1842-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D6-20200304DL

Manual Integrations APPROVED
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Quant Time: Mar 12 07:36:49 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	7.40	152	763	0.40	ng	0.04
7) Naphthalene-d8	10.19	136	2786m	0.40	ng	0.08
13) Acenaphthene-d10	14.02	164	1733	0.40	ng	0.02
19) Phenanthrene-d10	16.80	188	3398	0.40	ng	0.03
27) Chrysene-d12	21.00	240	3600	0.40	ng	0.01
34) Perylene-d12	23.10	264	3803	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	105m	0.06	ng	0.07
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	8.73	82	280m	0.12	ng	0.18
11) 2-Methylnaphthalene-d10	11.81	152	510	0.09	ng	0.08
14) 2,4,6-Tribromophenol	15.58	330	106	0.16	ng	0.04
15) 2-Fluorobiphenyl	12.68	172	921m	0.14	ng	0.04
25) Fluoranthene-d10	18.84	212	1607	0.14	ng	0.02
29) Terphenyl-d14	19.44	244	1389	0.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	2265m	2.898	ng	
23) Phenanthrene	16.85	178	316	0.031	ng	98

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

Quantitation Report (QT Reviewed)

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Data File : BN010196.D
Acq On : 11 Mar 2020 17:35
Operator : CG/JU
Sample : L1842-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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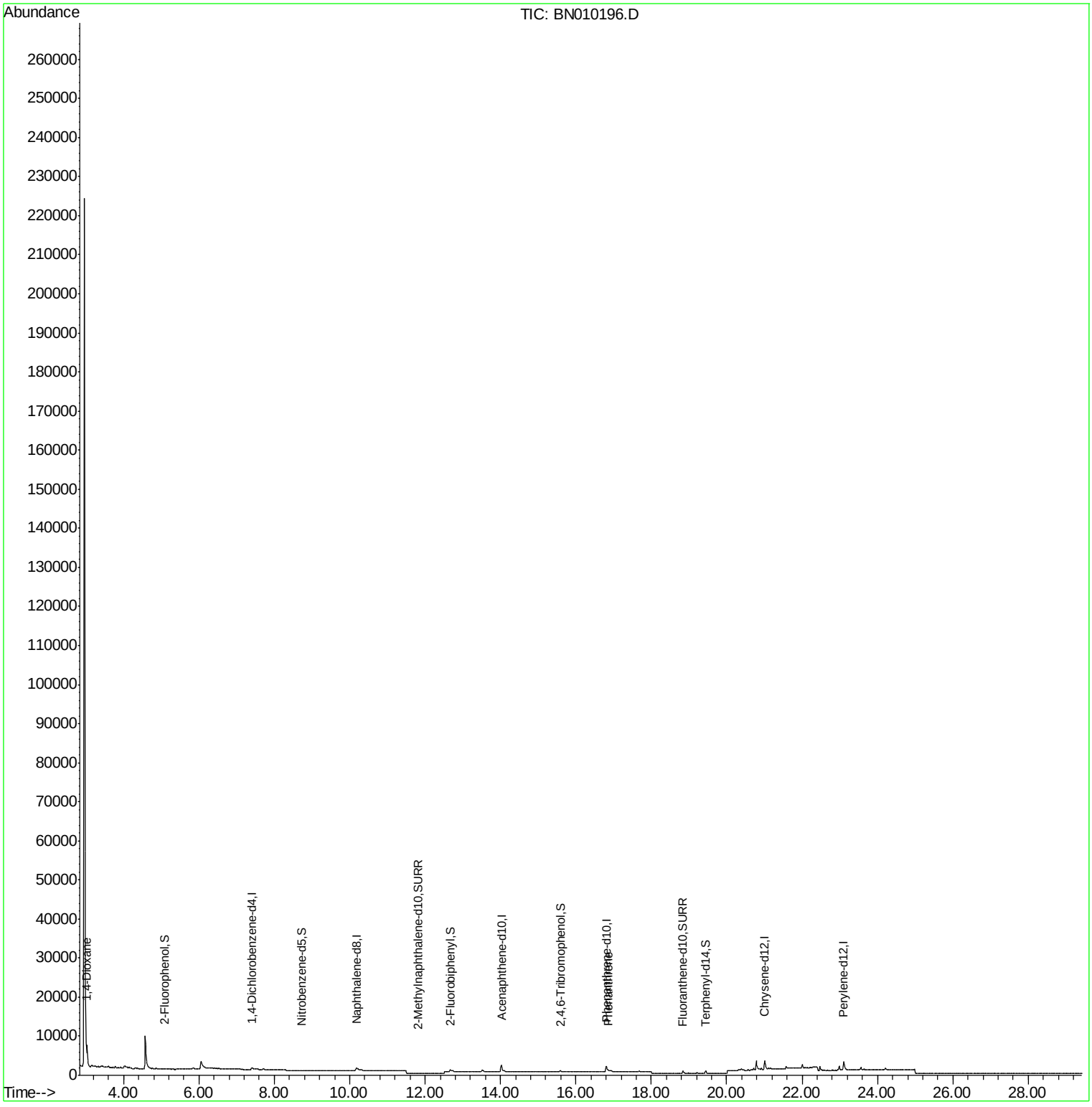
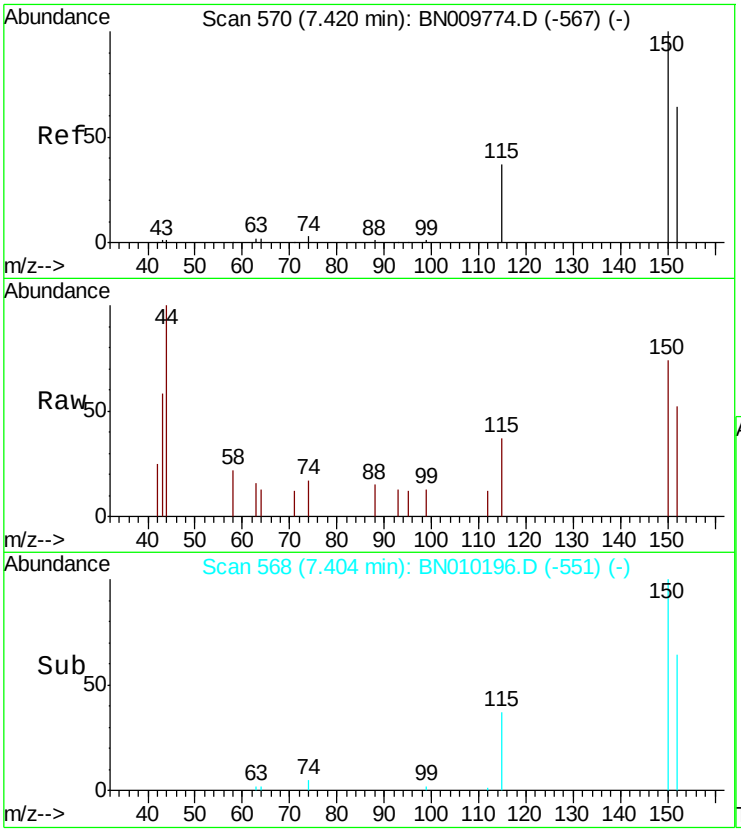
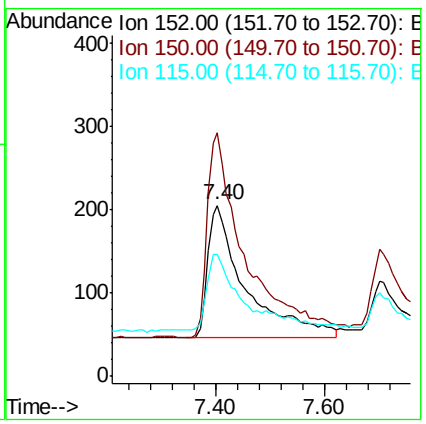




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.04 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:152 Resp: 763

Ion	Ratio	Lower	Upper
152	100		
150	142.4	120.6	181.0
115	71.2	51.2	76.8



Instrument :
BNA_N
ClientSampleId :
RE132D6-20200304DL

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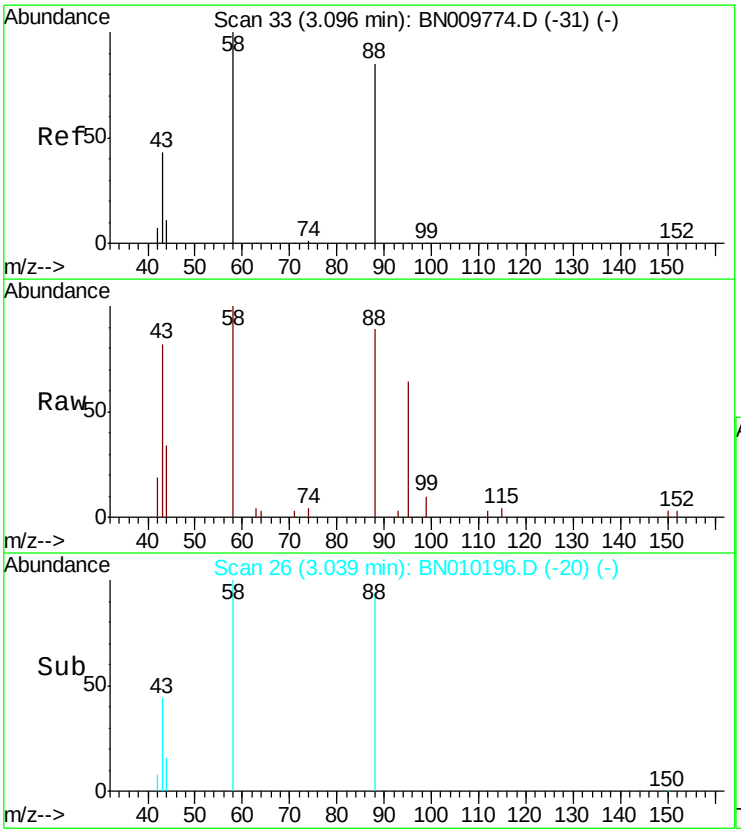
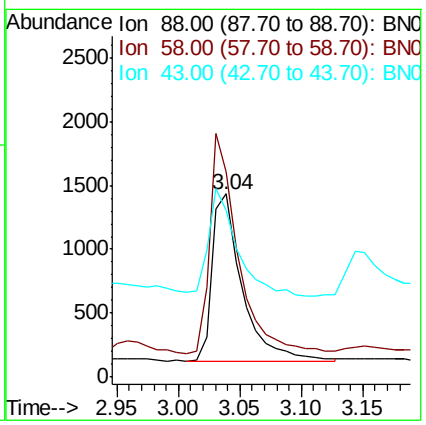
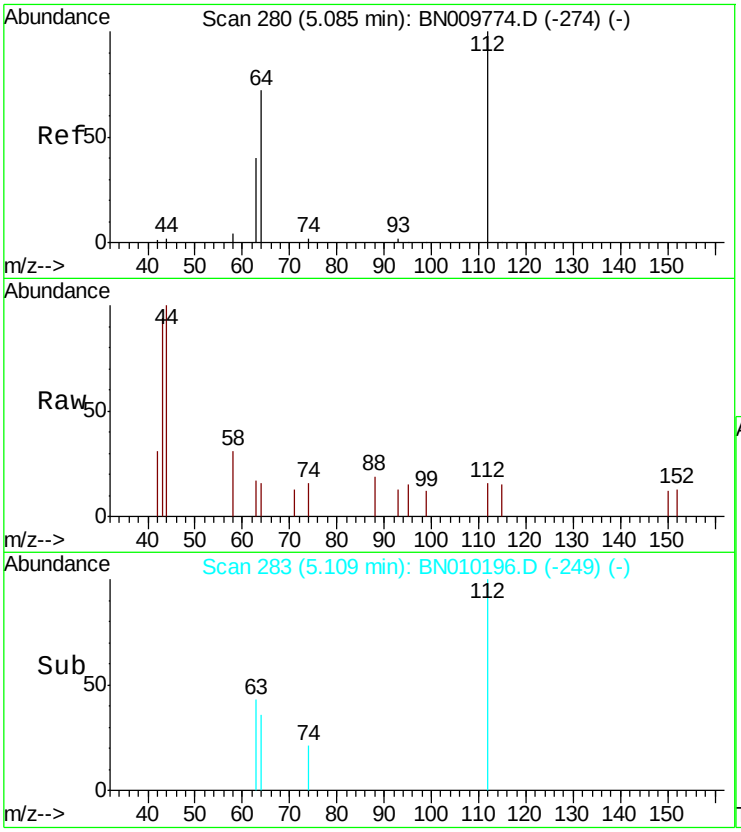


#2
1,4-Dioxane
Concen: 2.898 ng m
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion: 88 Resp: 2265

Ion	Ratio	Lower	Upper
88	100		
58	96.6	97.8	146.8#
43	49.0	45.1	67.7





#4
2-Fluorophenol
Concen: 0.062 ng m
RT: 5.11 min Scan# 283
Delta R.T. 0.07 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:112 Resp: 105

Ion	Ratio	Lower	Upper
112	100		
64	80.0	65.8	98.6
63	0.0	38.7	58.1#

Instrument :
BNA_N
ClientSampleId :
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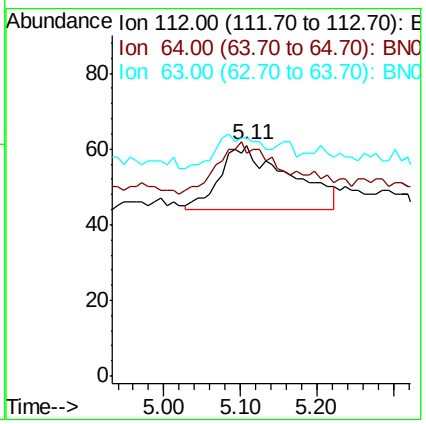
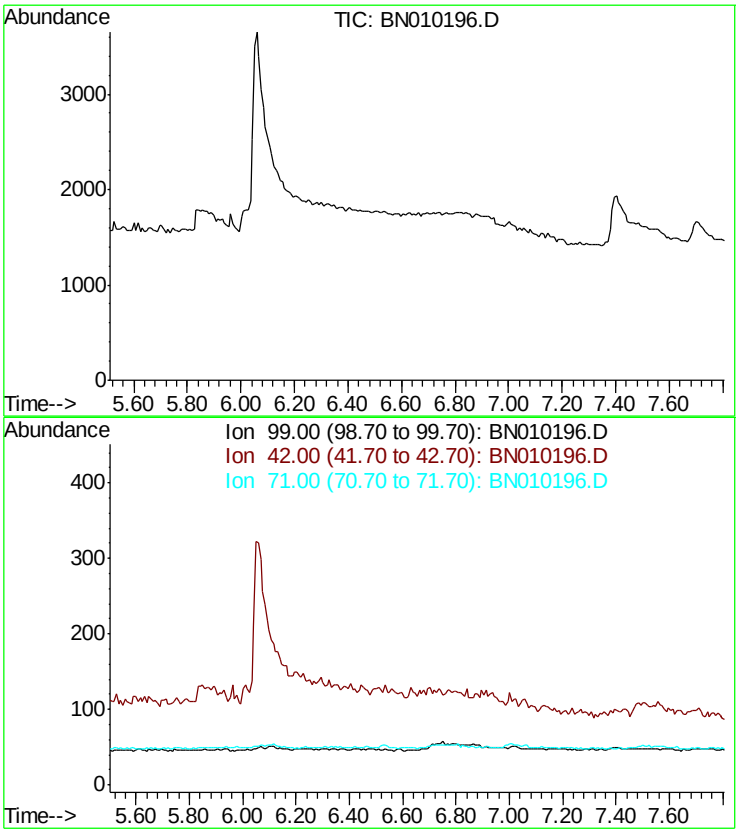


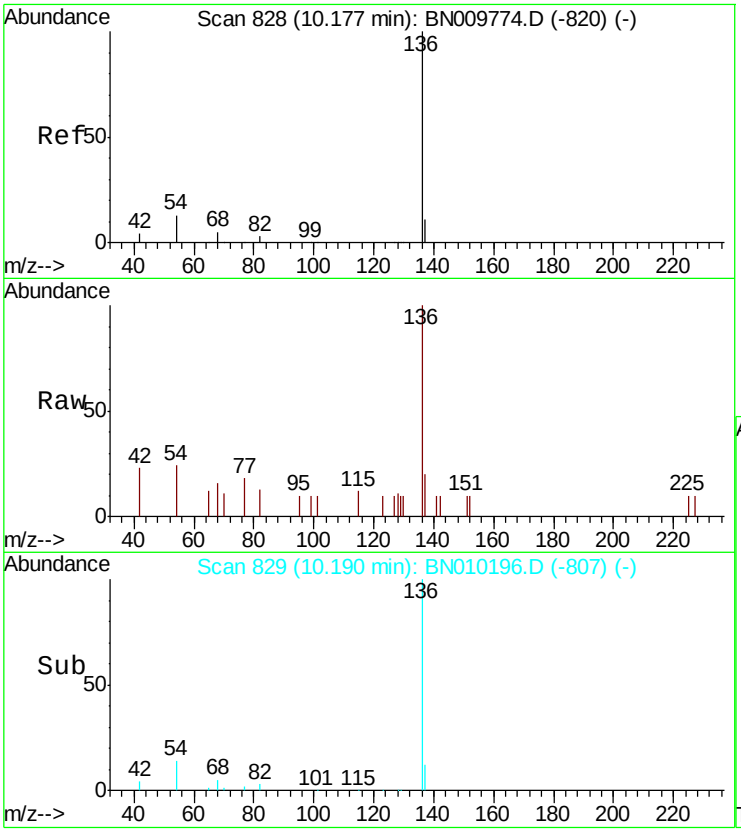


#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.61 min

Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion: 99

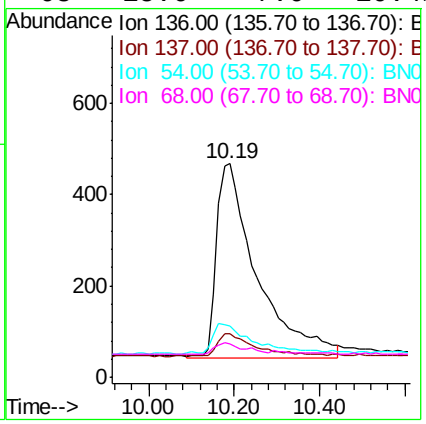
Sig	Exp Ratio
99	100
42	38.5
71	43.6



#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.19 min Scan# 829
Delta R.T. 0.08 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:136 Resp: 2786

Ion	Ratio	Lower	Upper
136	100		
137	20.3	11.3	16.9#
54	23.9	13.4	20.2#
68	15.6	7.0	10.4#



Instrument :
BNA_N
ClientSampleId :
RE132D6-20200304DL

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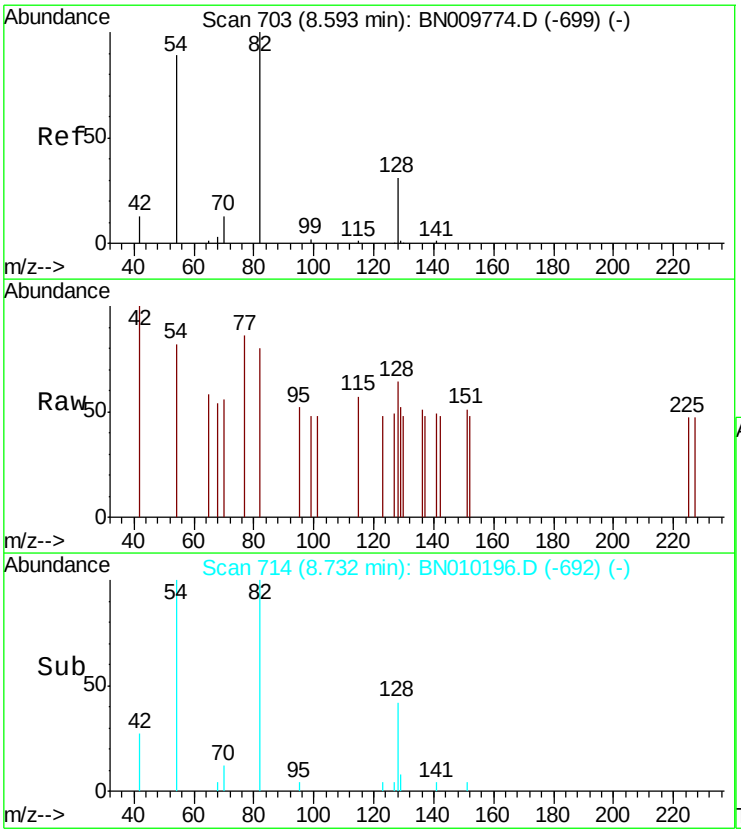
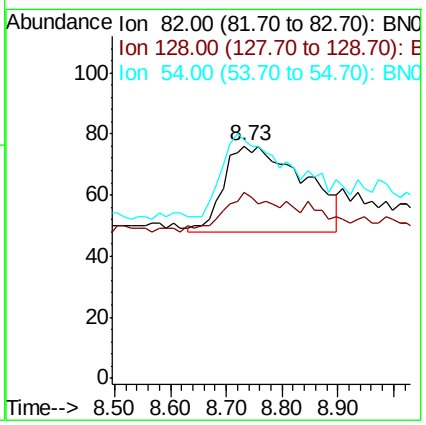
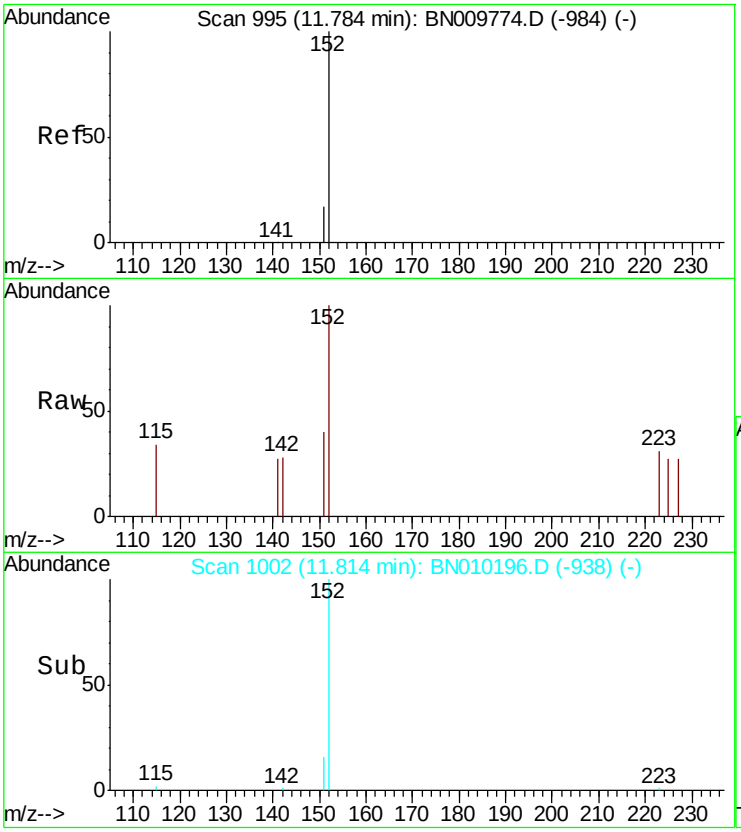


#8
Nitrobenzene-d5
Concen: 0.121 ng m
RT: 8.73 min Scan# 714
Delta R.T. 0.18 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion: 82 Resp: 280

Ion	Ratio	Lower	Upper
82	100		
128	80.3	32.5	48.7#
54	102.6	73.5	110.3





#11
2-Methylnaphthalene-d10
Concen: 0.095 ng
RT: 11.81 min Scan# 1002
Delta R.T. 0.08 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:152 Resp: 510

Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
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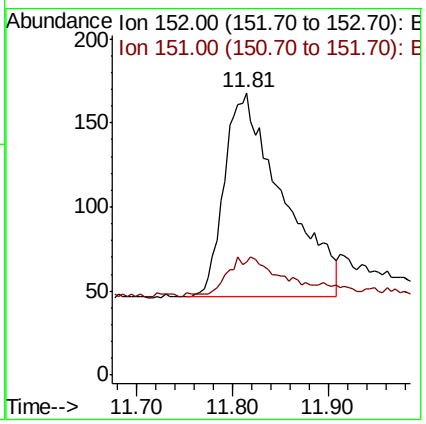
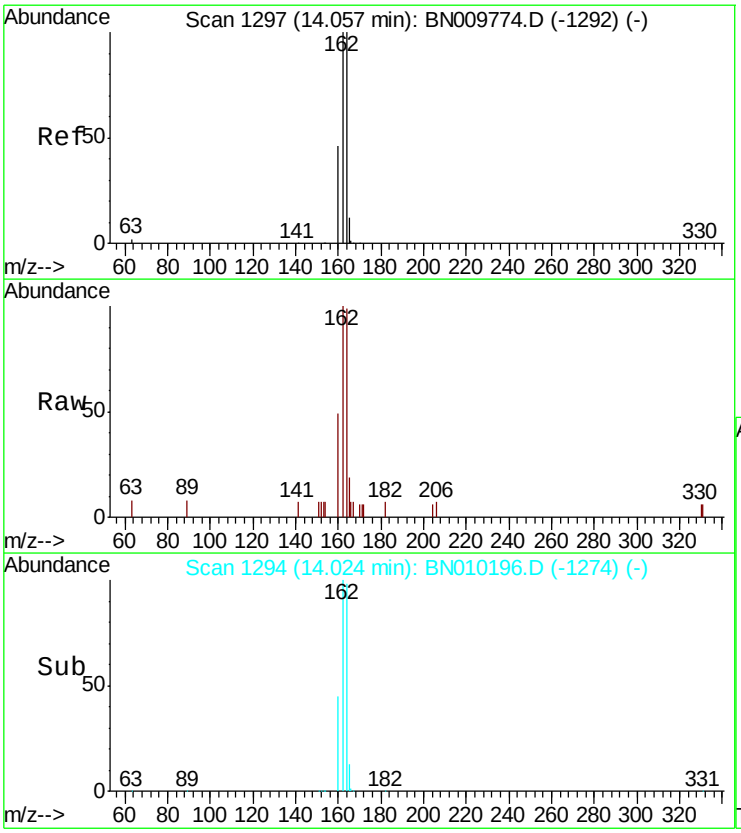
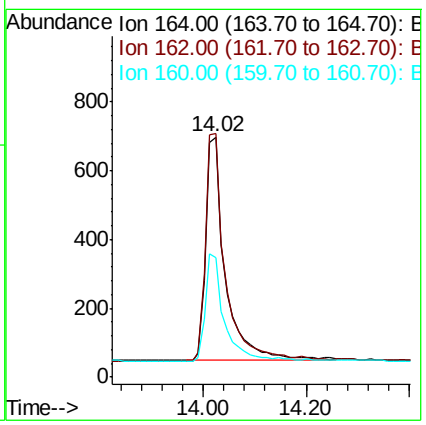


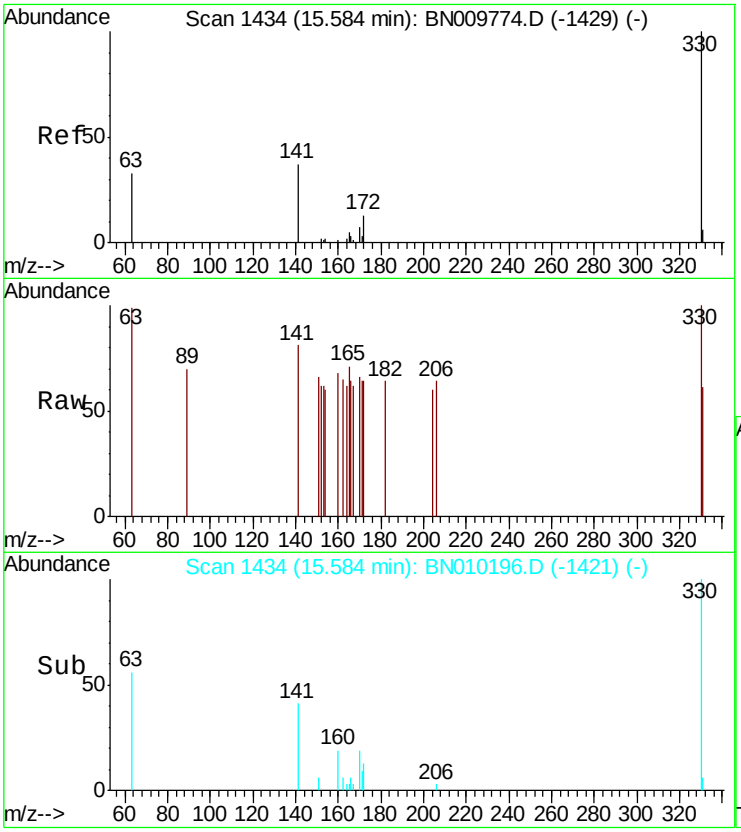


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.02 min Scan# 1294
Delta R.T. 0.02 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:164 Resp: 1733

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.9	119.9
160	49.8	38.2	57.2

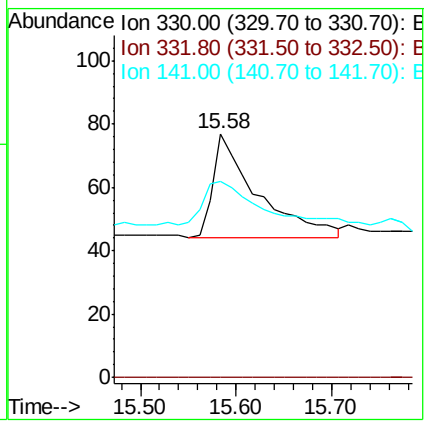




#14
2,4,6-Tribromophenol
Concen: 0.159 ng
RT: 15.58 min Scan# 1434
Delta R.T. 0.04 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:330 Resp: 106

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	54.7	36.8	55.2



Instrument :
BNA_N
ClientSampleId :
RE132D6-20200304DL

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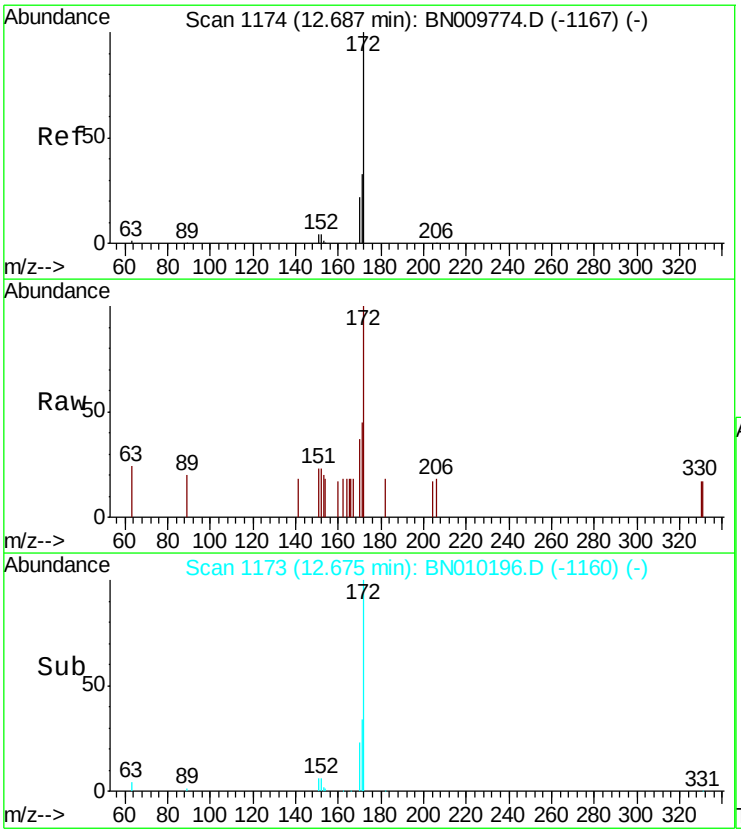
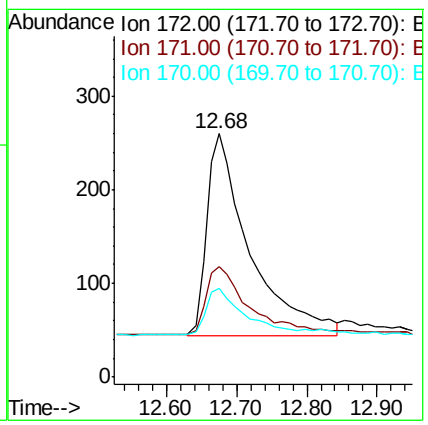
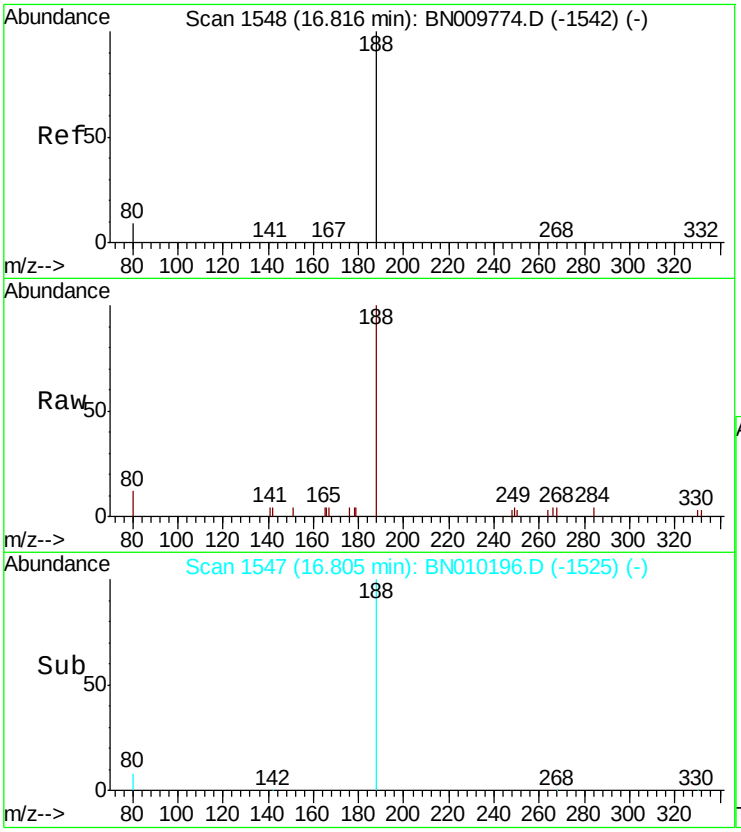


#15
2-Fluorobiphenyl
Concen: 0.141 ng m
RT: 12.68 min Scan# 1173
Delta R.T. 0.04 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:172 Resp: 921

Ion	Ratio	Lower	Upper
172	100		
171	45.4	28.7	43.1#
170	36.5	20.1	30.1#

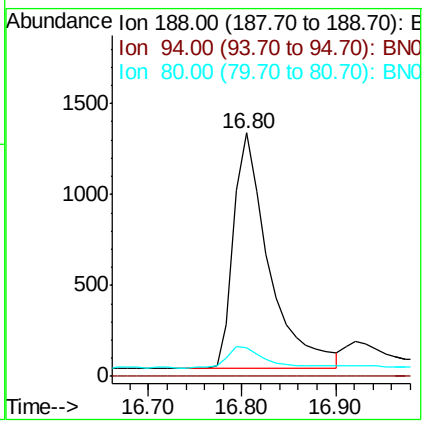




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.03 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:188 Resp: 3398

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	8.3	12.5



Instrument :
BNA_N
ClientSampleId :
RE132D6-20200304DL

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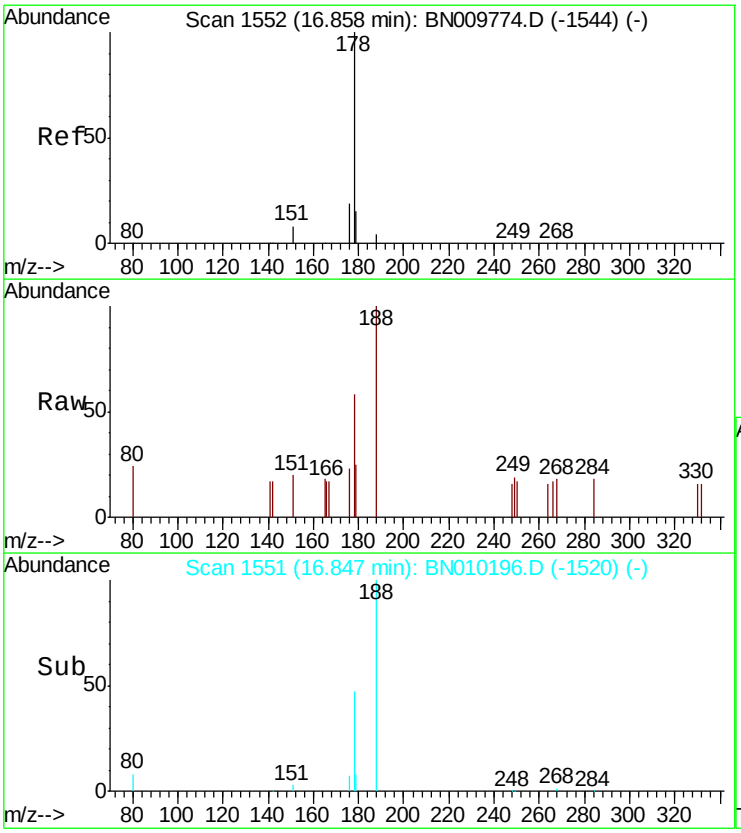
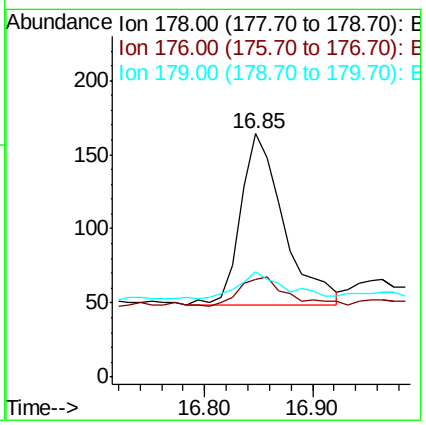
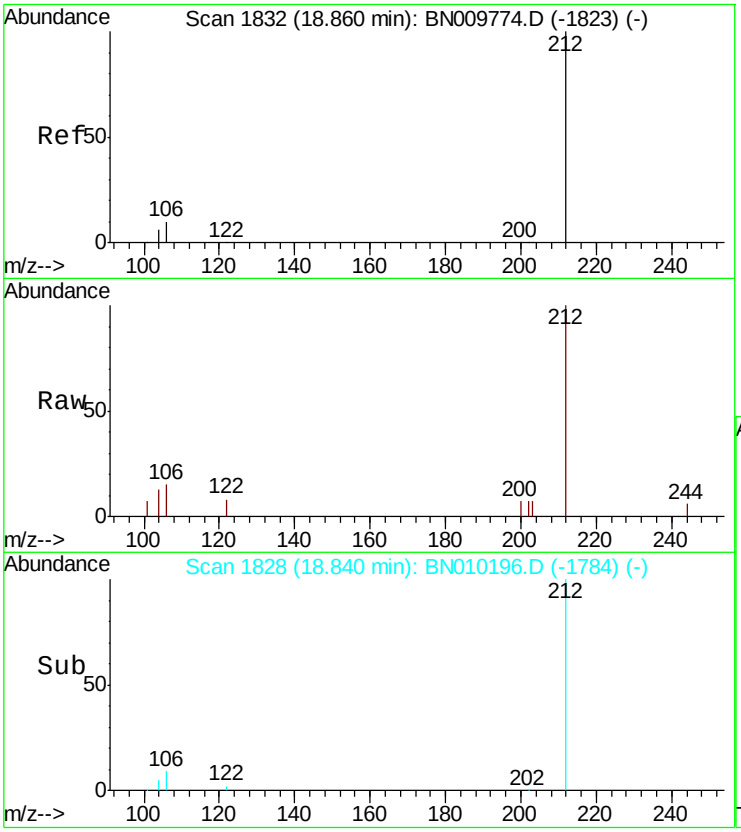


#23
Phenanthrene
Concen: 0.031 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.03 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:178 Resp: 316

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	16.8	12.4	18.6

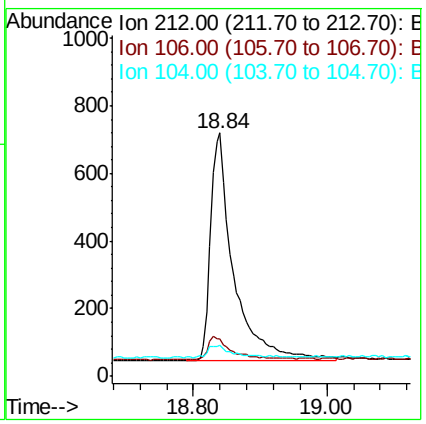




#25
Fluoranthene-d10
Concen: 0.137 ng
RT: 18.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:212 Resp: 1607

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.7	4.8	7.2



Instrument :
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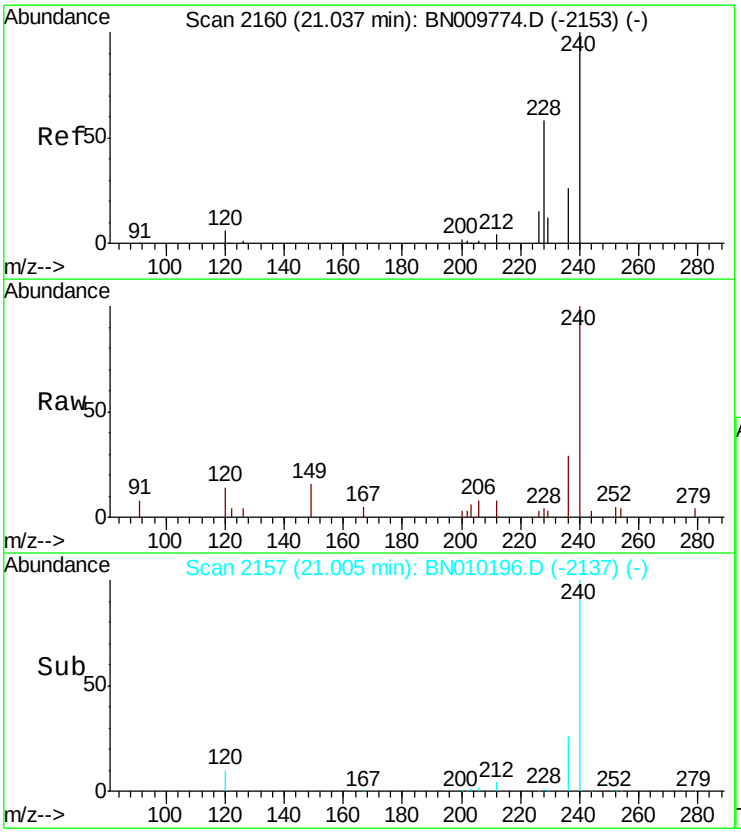
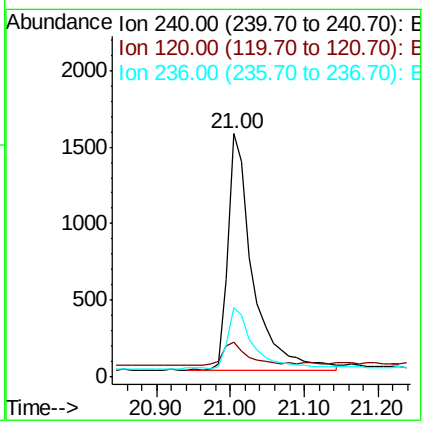
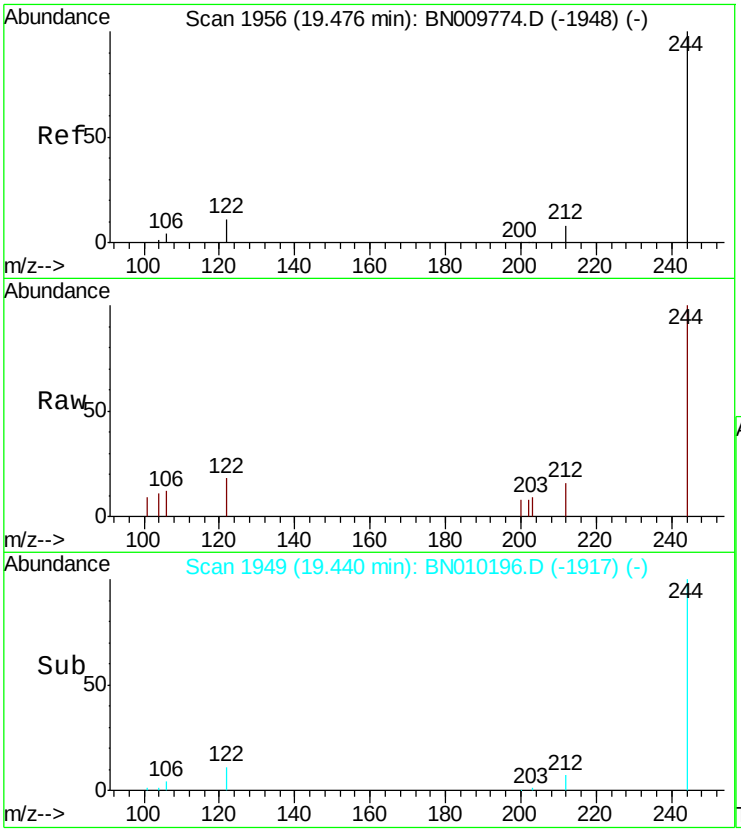


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:240 Resp: 3600

Ion	Ratio	Lower	Upper
240	100		
120	14.5	7.9	11.9#
236	28.6	22.0	33.0





#29
Terphenyl-d14
Concen: 0.162 ng
RT: 19.44 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:244 Resp: 1389

Ion	Ratio	Lower	Upper
244	100		
212	16.3	8.0	12.0#
122	17.9	10.0	15.0#

Instrument :
BNA_N
ClientSampleId :
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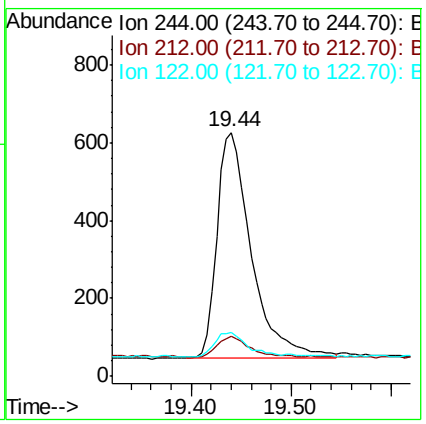

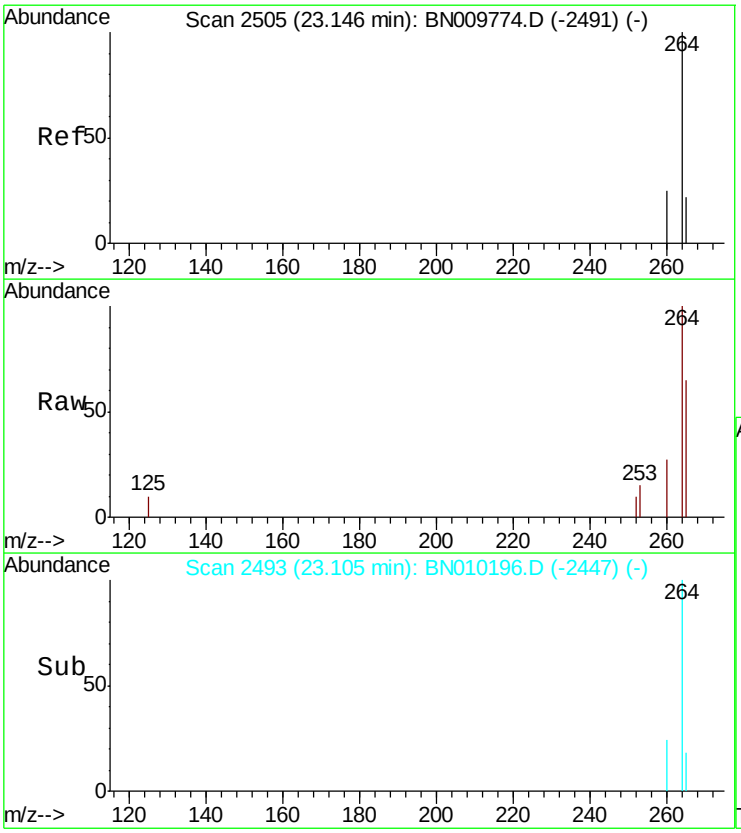

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:264 Resp: 3803

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	65.1	57.5	86.3