Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010190.D
Acq On : 11 Mar 2020 13:33
Operator : CG/JU
Sample : L1842-23
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP02-20200305

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Quant Time: Mar 11 15:43:27 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 Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	817	0.40	ng	-0.03
7) Naphthalene-d8	10.16	136	2483	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1760	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3109	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	4523	0.40	ng	-0.03
34) Perylene-d12	23.11	264	3574	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	41	0.02	ng	0.00
5) Phenol-d6	6.74	99	40m	0.02	ng	0.10
8) Nitrobenzene-d5	8.63	82	967m	0.47	ng	0.04
11) 2-Methylnaphthalene-d10	11.77	152	1496	0.31	ng	-0.01
14) 2,4,6-Tribromophenol	15.60	330	96	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2605	0.39	ng	-0.04
25) Fluoranthene-d10	18.84	212	3930	0.37	ng	-0.02
29) Terphenyl-d14	19.44	244	4409	0.41	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	7780m	9.298	ng	

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

Quantitation Report (QT Reviewed)

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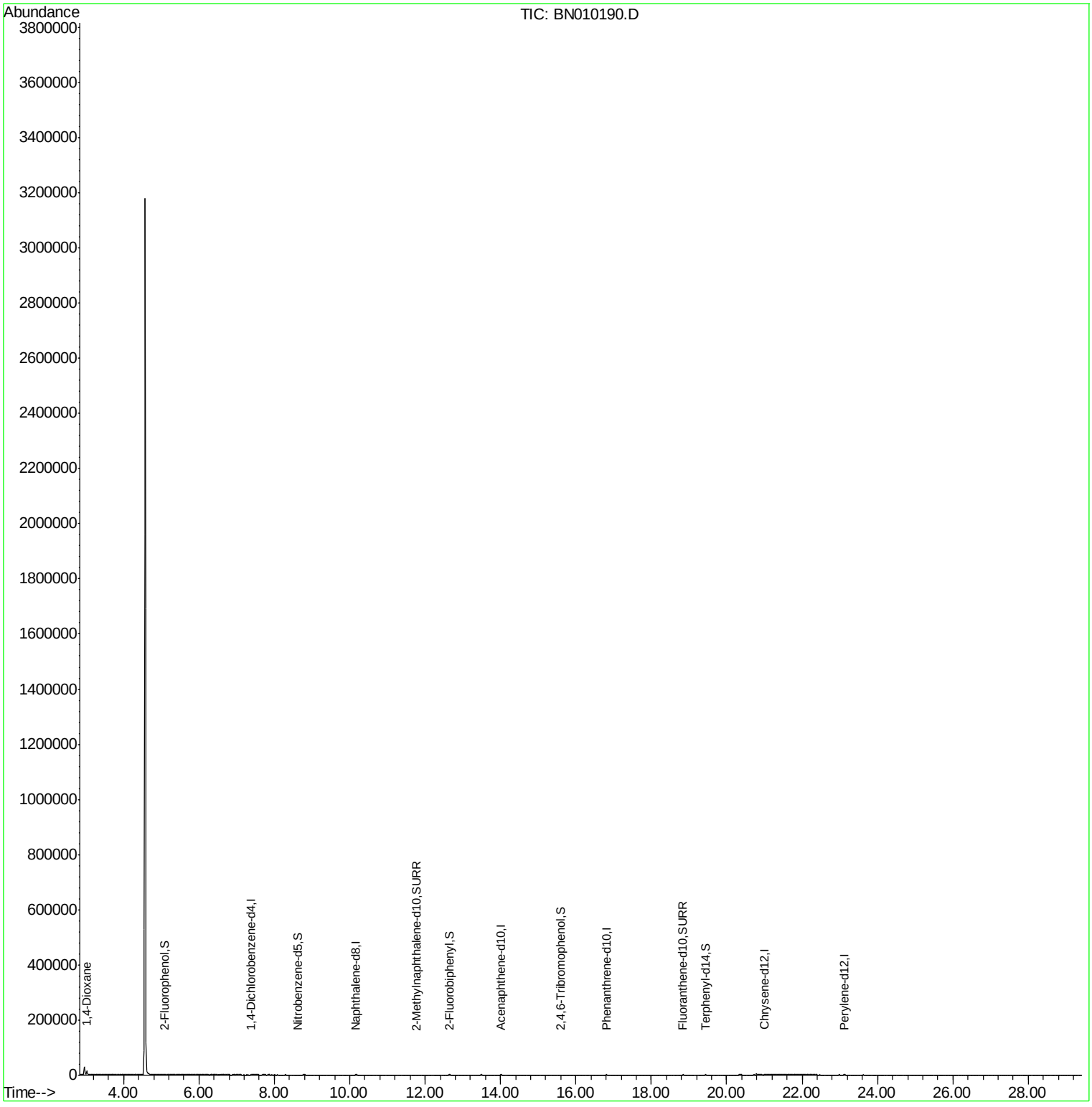
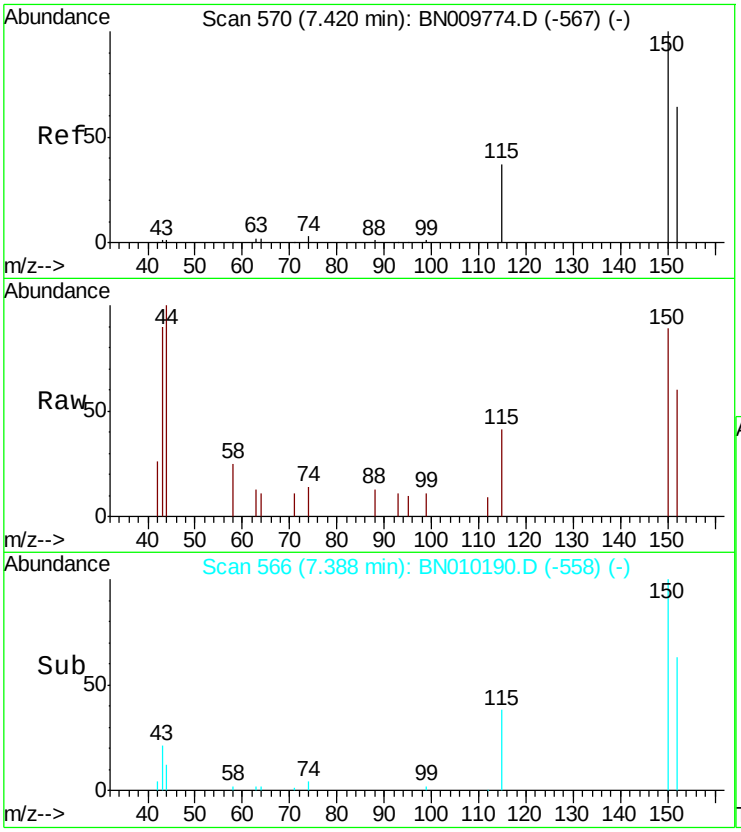
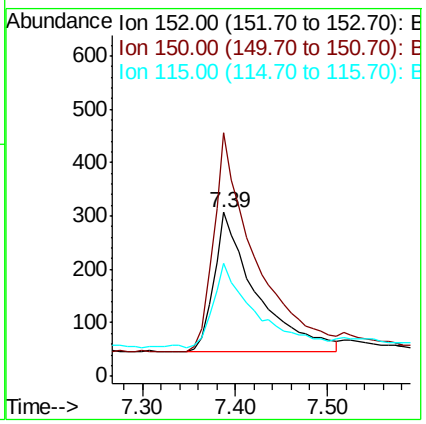




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:152 Resp: 817

Ion	Ratio	Lower	Upper
152	100		
150	148.5	120.6	181.0
115	68.7	51.2	76.8



Instrument :
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ClientSampleId :
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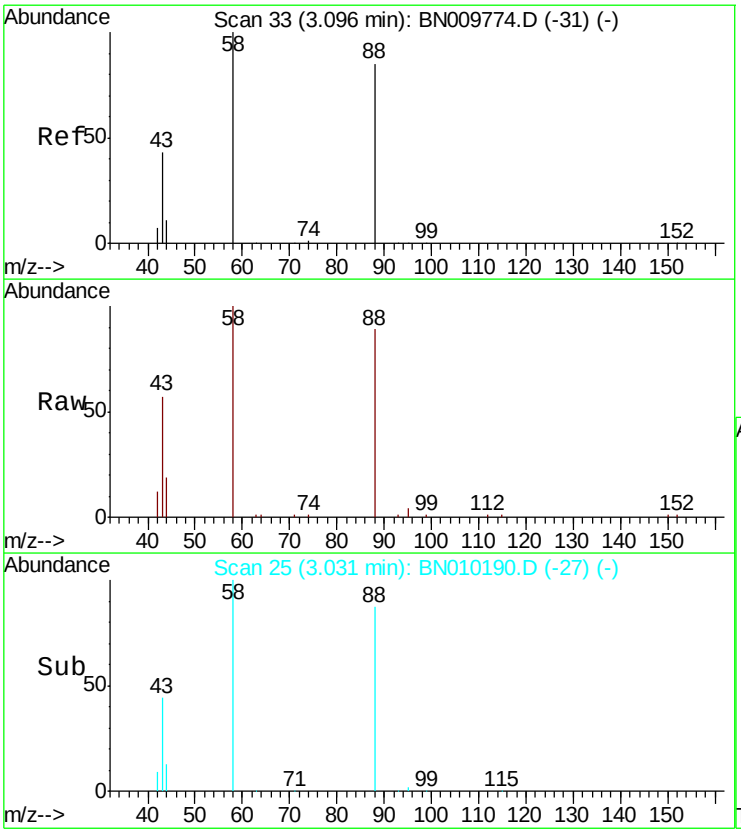
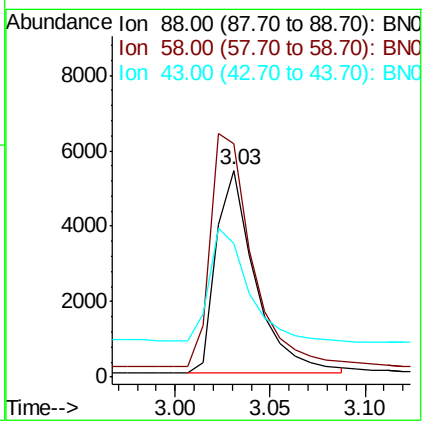
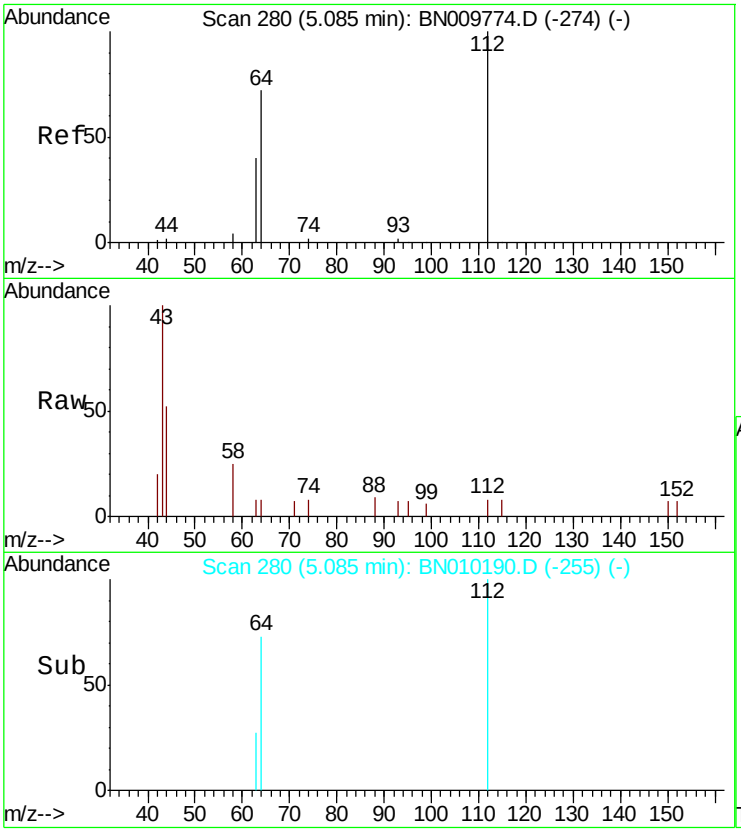


#2
1,4-Dioxane
Concen: 9.298 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion: 88 Resp: 7780

Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#

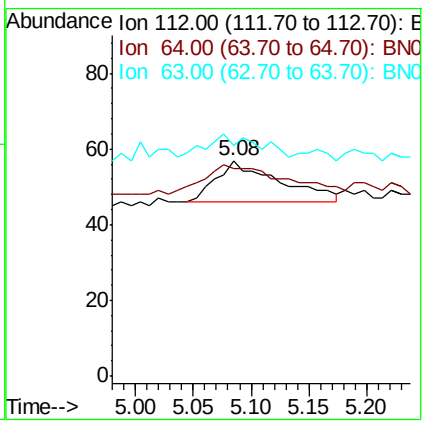




#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.08 min Scan# 280
Delta R.T. -0.00 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:112 Resp: 41

Ion	Ratio	Lower	Upper
112	100		
64	92.7	65.8	98.6
63	56.1	38.7	58.1



Instrument :
BNA_N
ClientSampleId :
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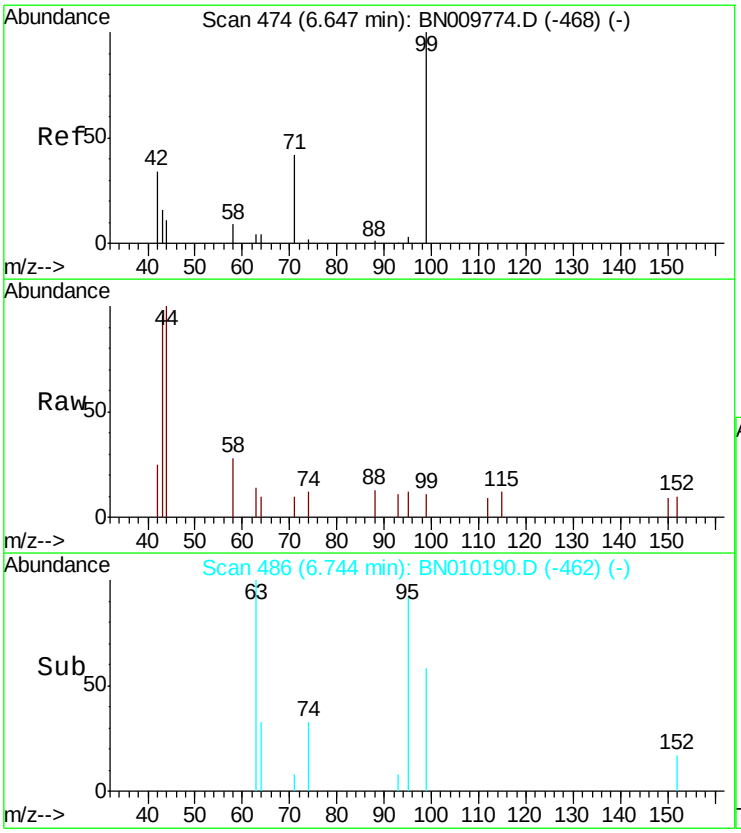
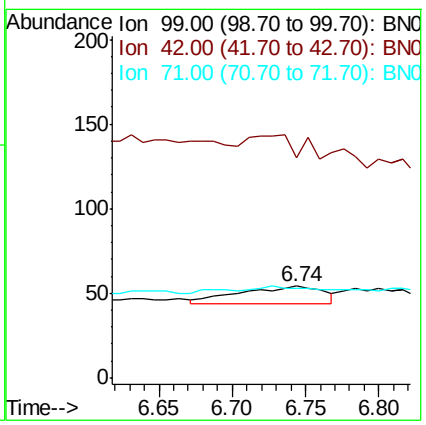
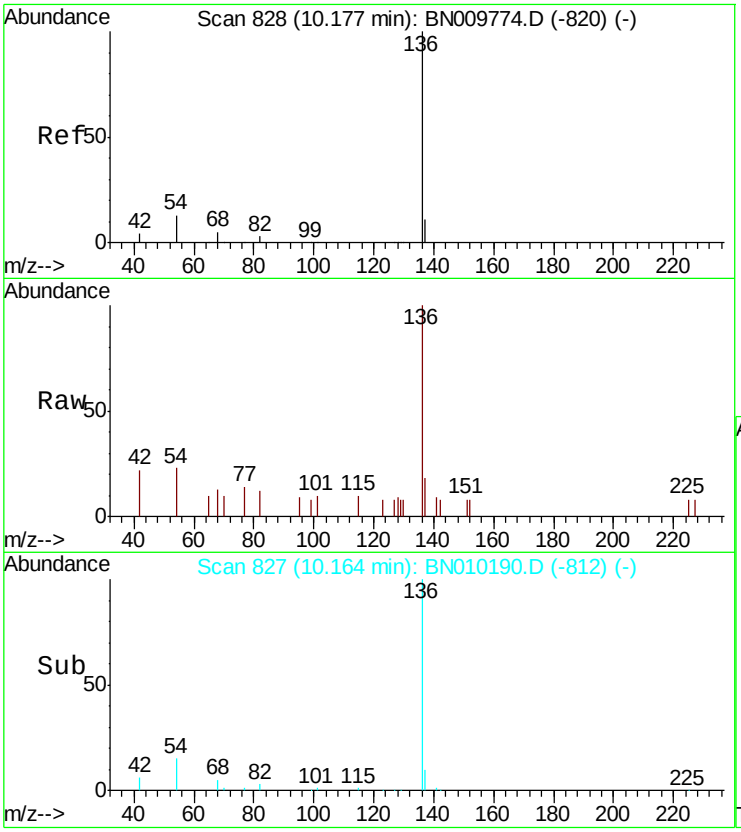


#5
Phenol-d6
Concen: 0.018 ng m
RT: 6.74 min Scan# 486
Delta R.T. 0.10 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion: 99 Resp: 40

Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	12.5	34.9	52.3#

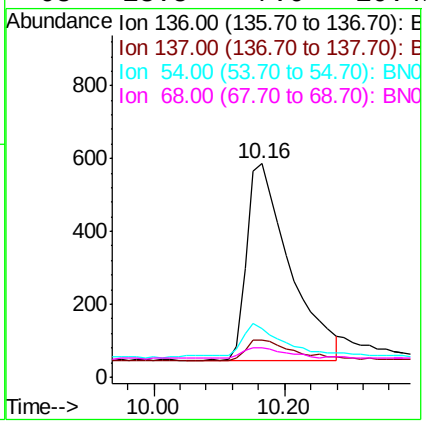




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:136 Resp: 2483

Ion	Ratio	Lower	Upper
136	100		
137	17.6	11.3	16.9#
54	22.9	13.4	20.2#
68	13.5	7.0	10.4#



Instrument :
BNA_N
ClientSampleId :
DUP02-20200305

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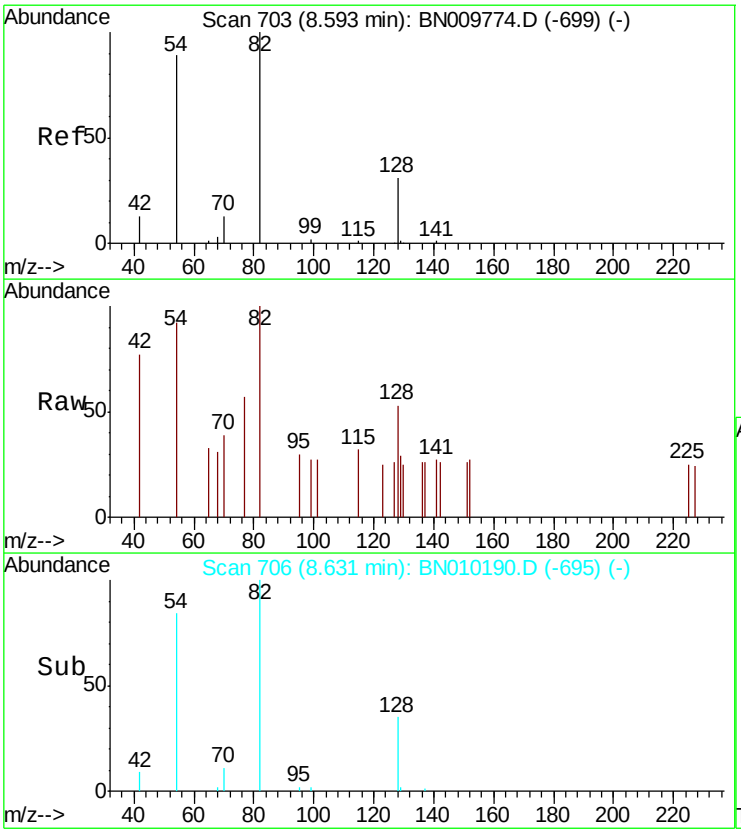
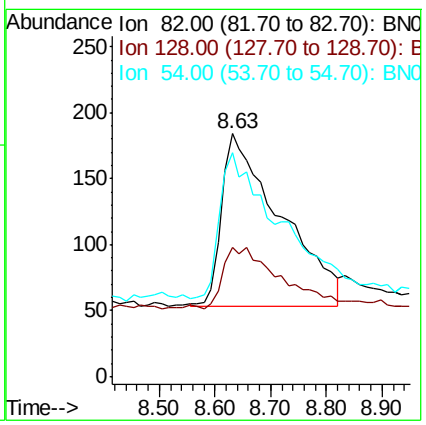
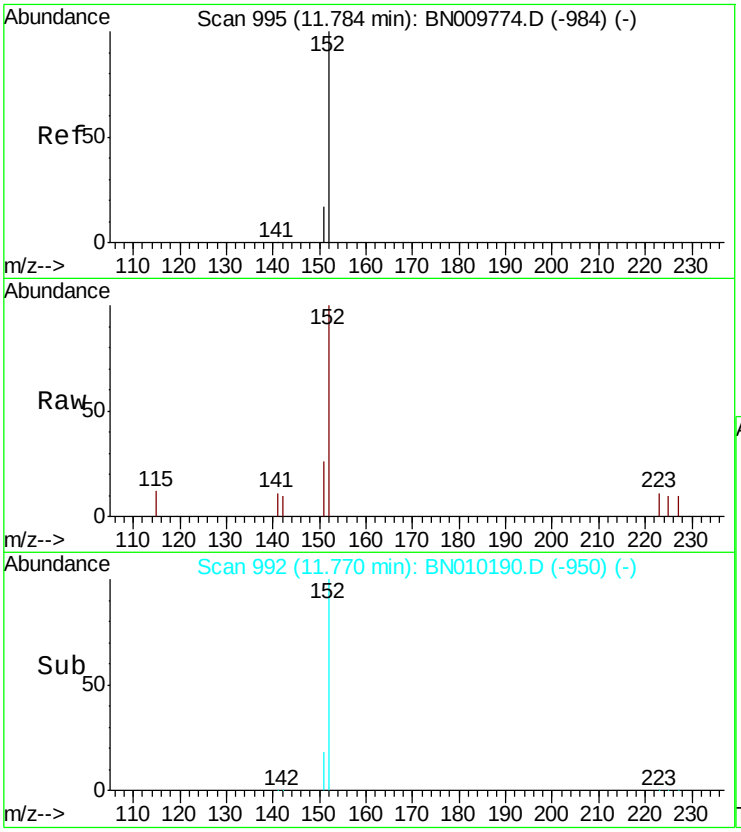


#8
Nitrobenzene-d5
Concen: 0.468 ng m
RT: 8.63 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion: 82 Resp: 967

Ion	Ratio	Lower	Upper
82	100		
128	53.3	32.5	48.7#
54	92.4	73.5	110.3

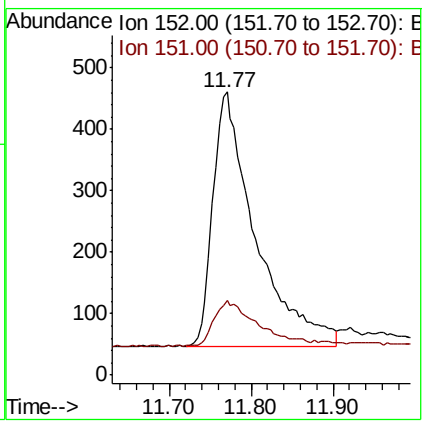




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:152 Resp: 1496

Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DUP02-20200305

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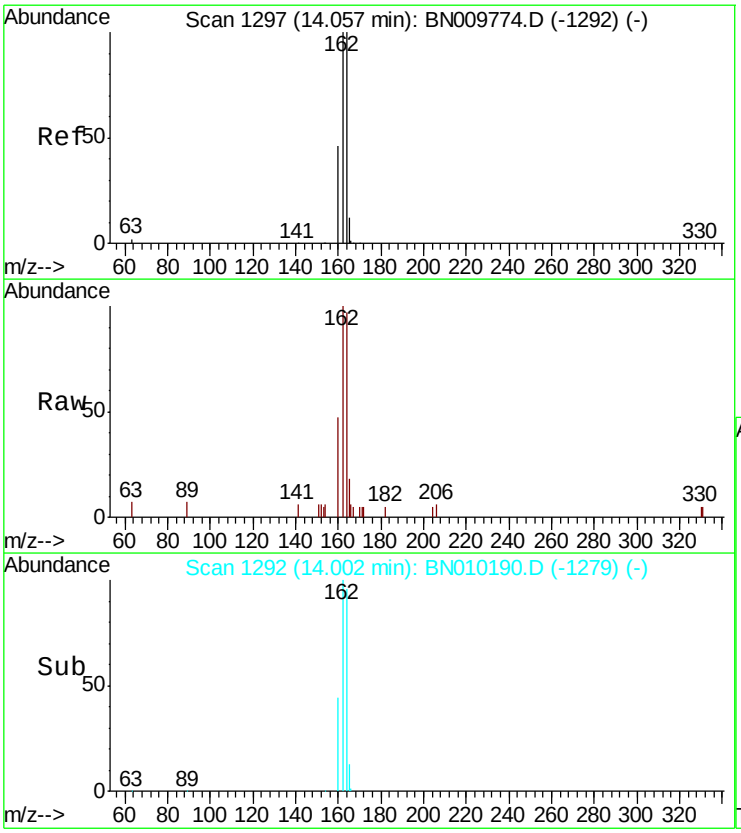
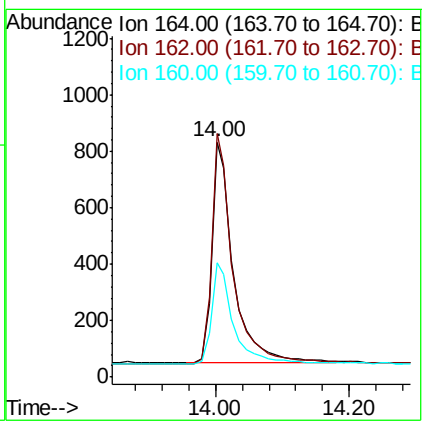
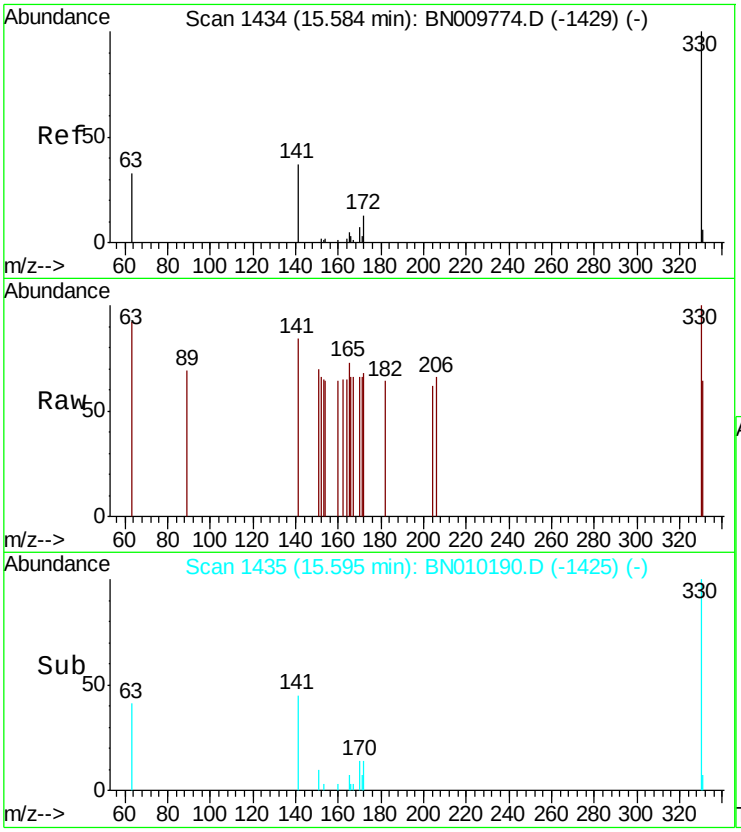


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:164 Resp: 1760

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.9	119.9
160	48.7	38.2	57.2

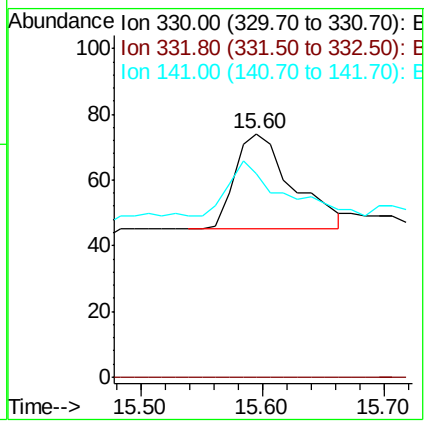




#14
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 15.60 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:330 Resp: 96

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.0	36.8	55.2



Instrument :
BNA_N
ClientSampleId :
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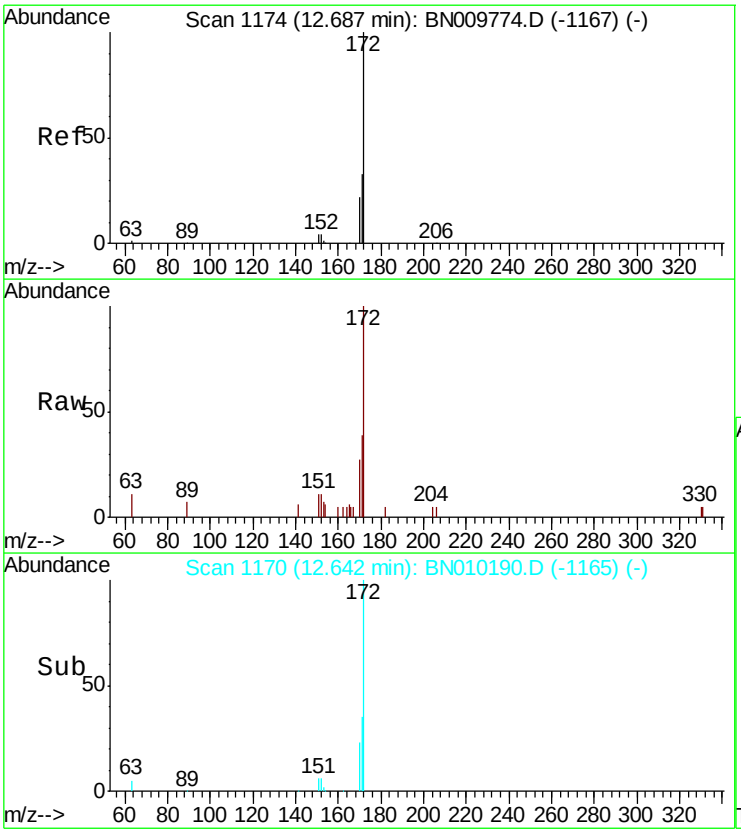
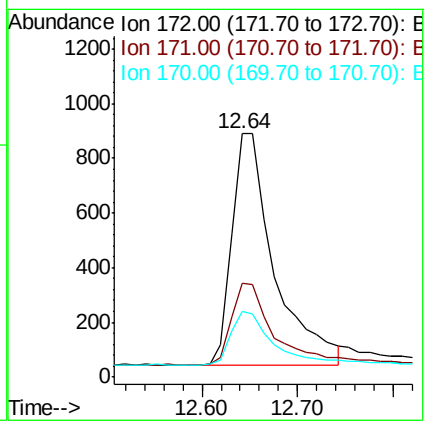
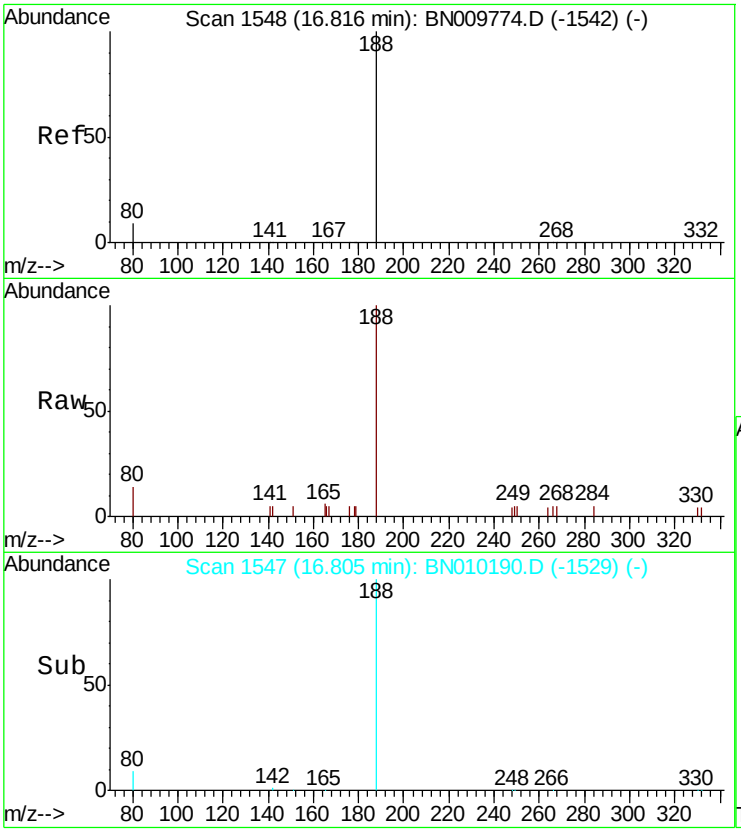


#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:172 Resp: 2605

Ion	Ratio	Lower	Upper
172	100		
171	38.6	28.7	43.1
170	27.2	20.1	30.1

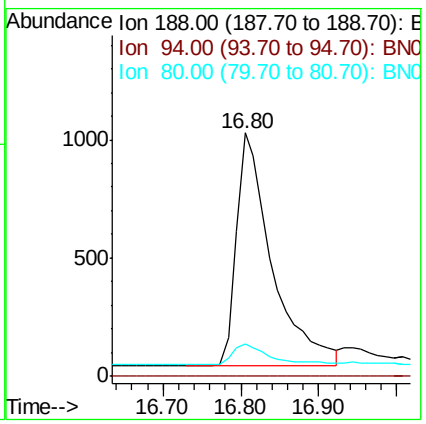




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:188 Resp: 3109

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	8.3	12.5#



Instrument :
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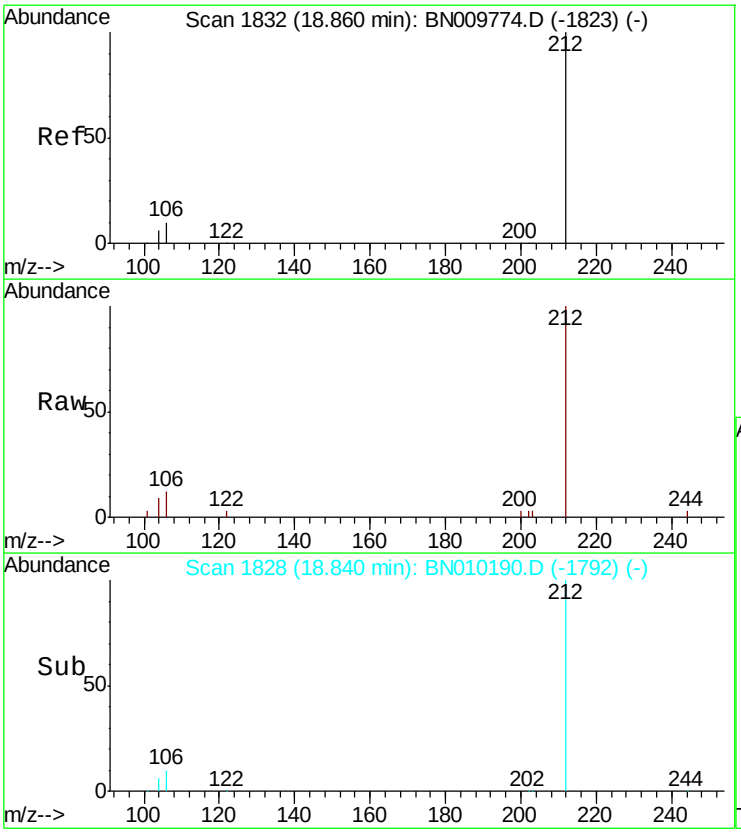
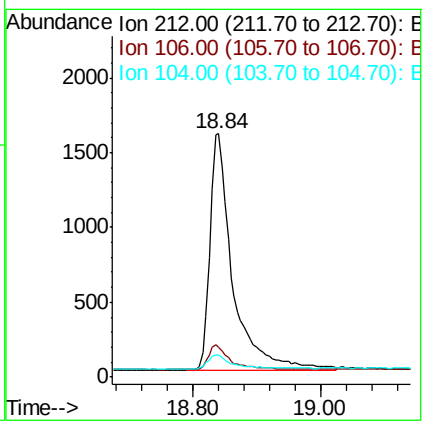
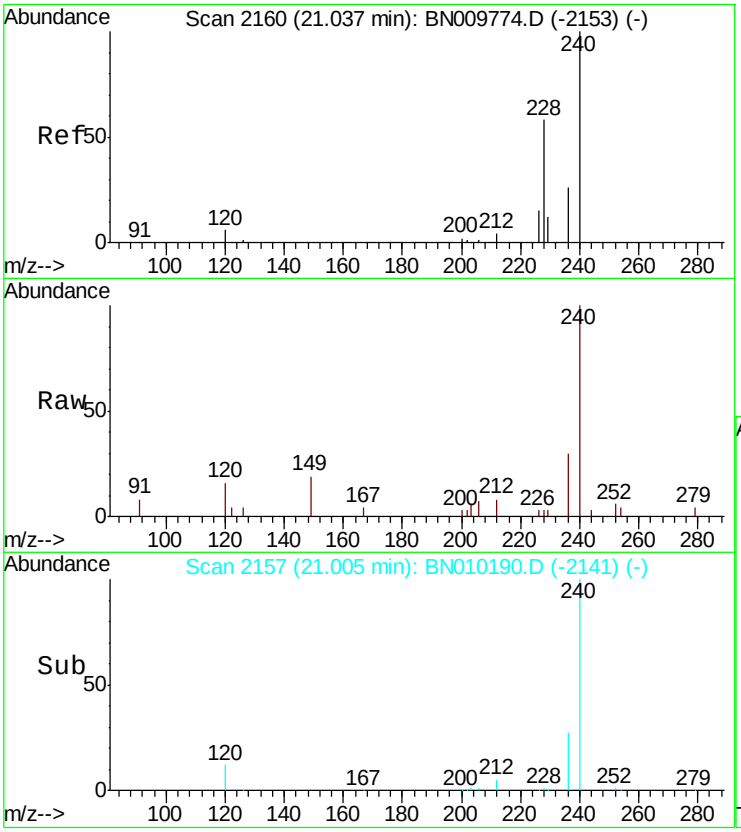


#25
Fluoranthene-d10
Concen: 0.365 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:212 Resp: 3930

Ion	Ratio	Lower	Upper
212	100		
106	9.7	8.4	12.6
104	5.9	4.8	7.2

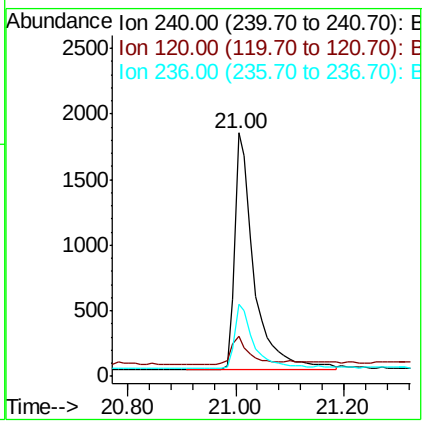




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:240 Resp: 4523

Ion	Ratio	Lower	Upper
240	100		
120	16.2	7.9	11.9#
236	29.6	22.0	33.0



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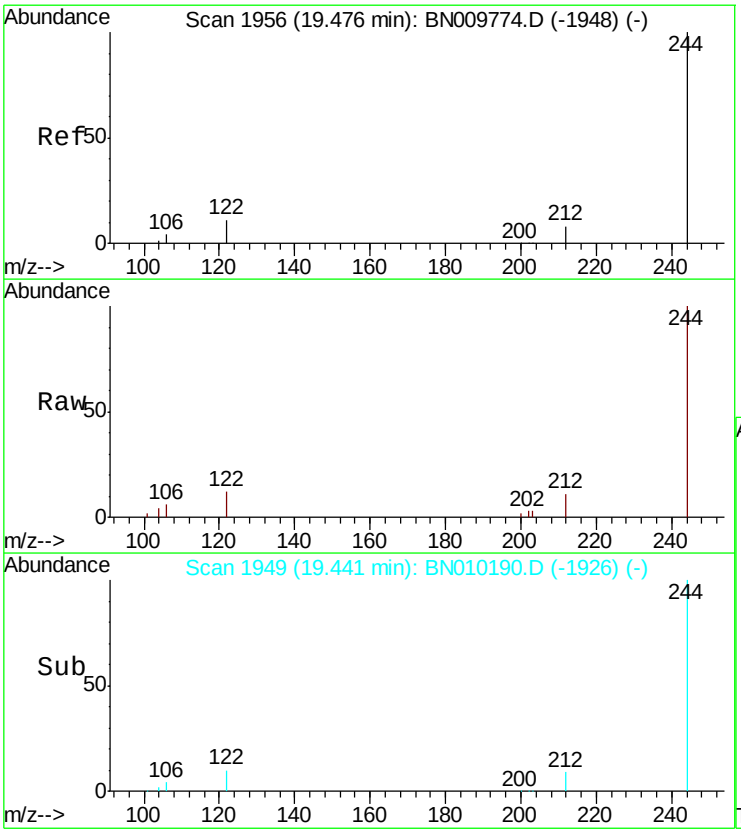
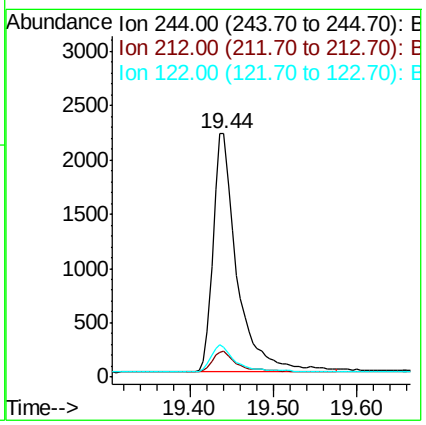
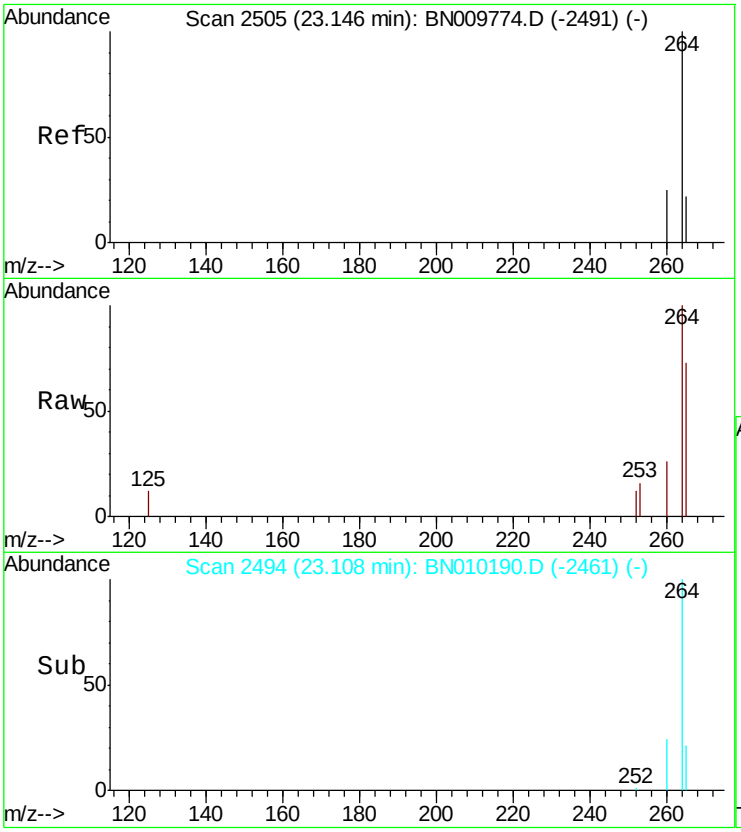


#29
Terphenyl-d14
Concen: 0.408 ng
RT: 19.44 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:244 Resp: 4409

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.0	12.0
122	12.2	10.0	15.0

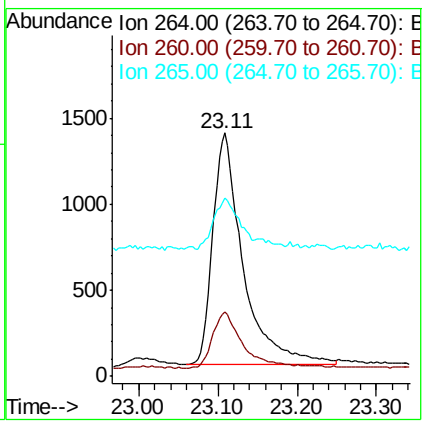




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2494
Delta R.T. -0.04 min
Lab File: BN010190.D
Acq: 11 Mar 2020 13:33

Tgt Ion:264 Resp: 3574

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.1	31.7
265	73.0	57.5	86.3



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