Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
Data File : BN034241.D
Acq On : 26 Sep 2024 01:00
Operator : RC/JU
Sample : P4164-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Quant Time: Sep 26 04:32:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 03:57:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3564	0.400	ng	-0.02
7) Naphthalene-d8	10.724	136	9428	0.400	ng	#-0.02
13) Acenaphthene-d10	14.518	164	4891	0.400	ng	-0.03
19) Phenanthrene-d10	17.262	188	8756	0.400	ng	#-0.02
29) Chrysene-d12	21.427	240	5009	0.400	ng	#-0.01
35) Perylene-d12	23.742	264	4129	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.553	112	1062	0.105	ng	-0.02
5) Phenol-d6	7.127	99	398	0.034	ng	-0.02
8) Nitrobenzene-d5	9.112	82	1863	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	12.298	152	3936	0.283	ng	-0.03
14) 2,4,6-Tribromophenol	16.021	330	104	0.047	ng	0.00
15) 2-Fluorobiphenyl	13.160	172	6024	0.303	ng	-0.03
27) Fluoranthene-d10	19.277	212	8167	0.370	ng	-0.02
31) Terphenyl-d14	19.867	244	5189	0.519	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	2194	0.492	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.328	149	988	0.150	ng	98

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

Quantitation Report (QT Reviewed)

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Data File : BN034241.D
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Misc :
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BNA_N
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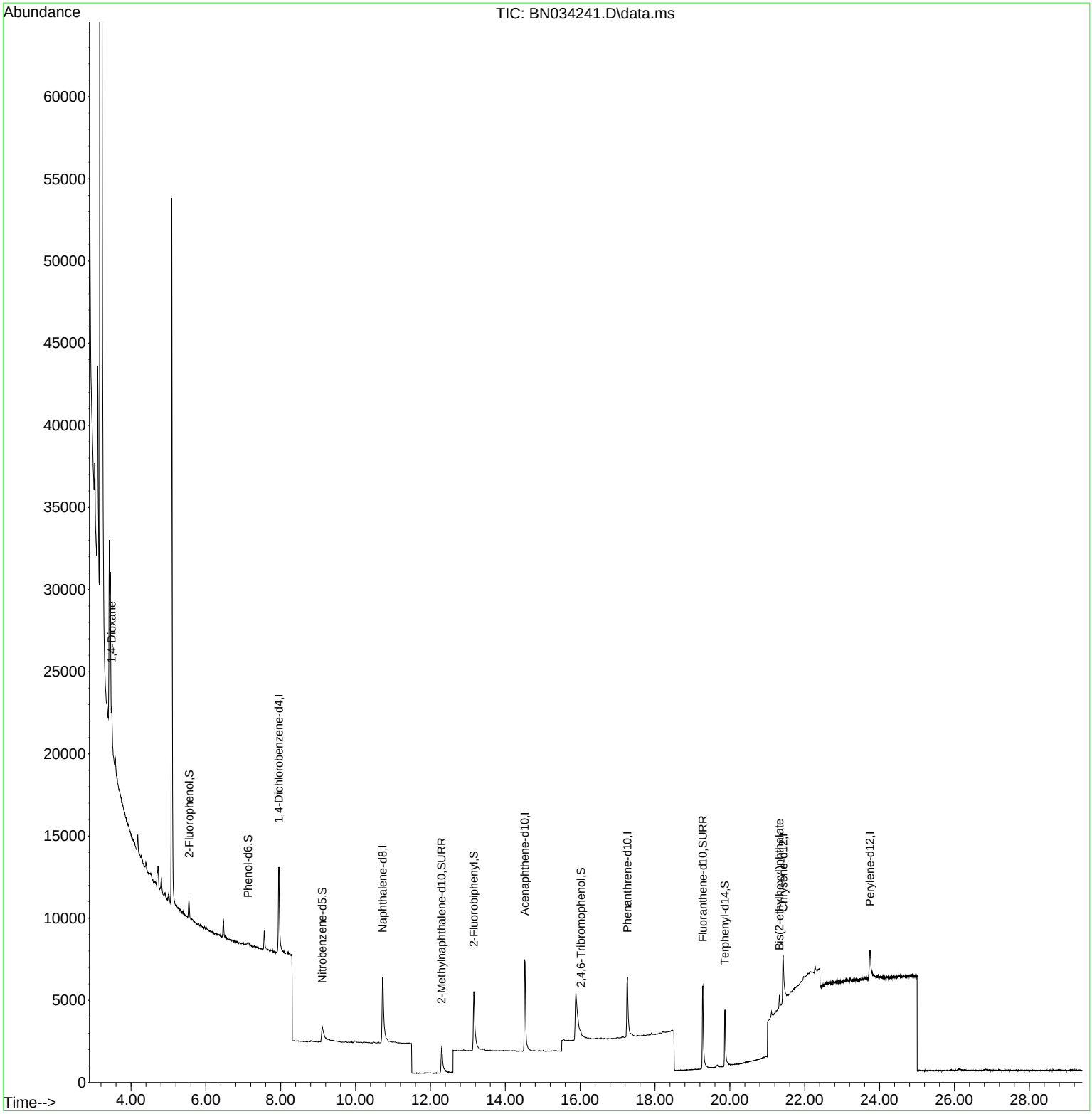
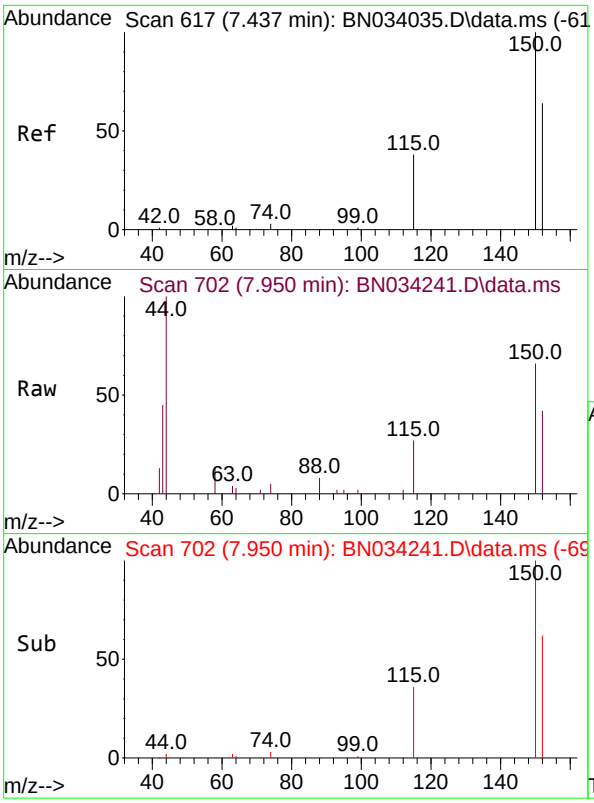


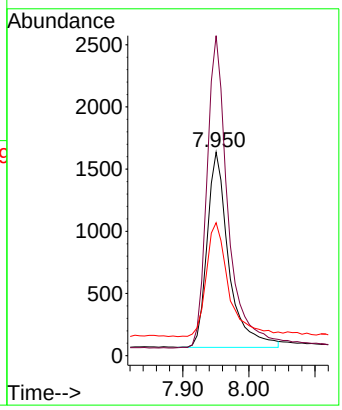


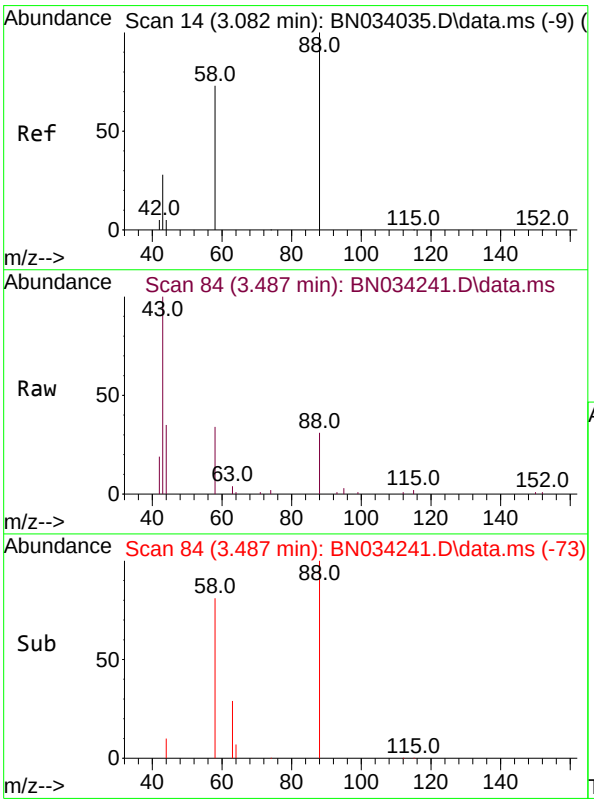
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.950 min Scan# 7(
Delta R.T. -0.022 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:152 Resp: 3564

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	187.0
115	65.3	50.0	75.0

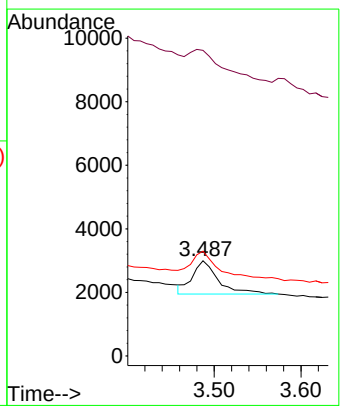


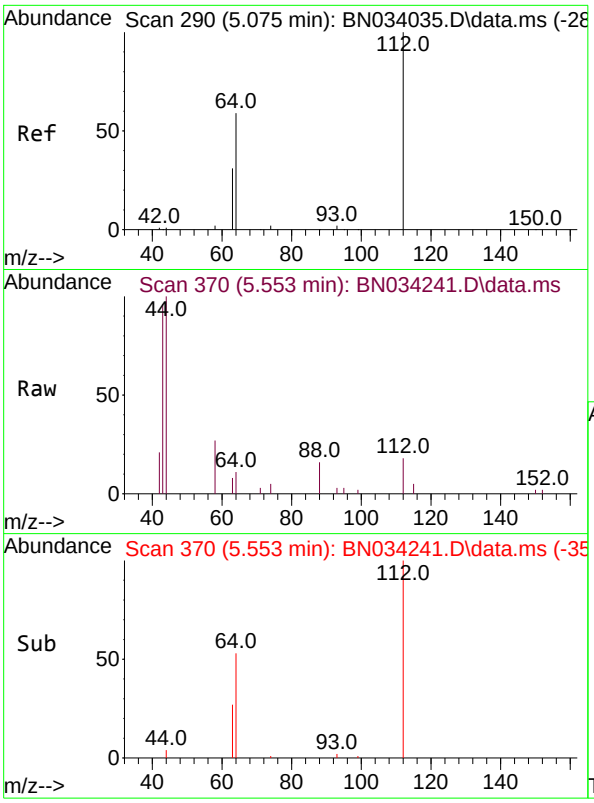


#2
1,4-Dioxane
Concen: 0.492 ng
RT: 3.487 min Scan# 84
Delta R.T. -0.022 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion: 88 Resp: 2194

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.8#
58	85.3	58.8	88.2



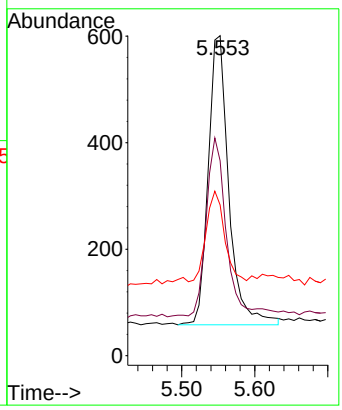


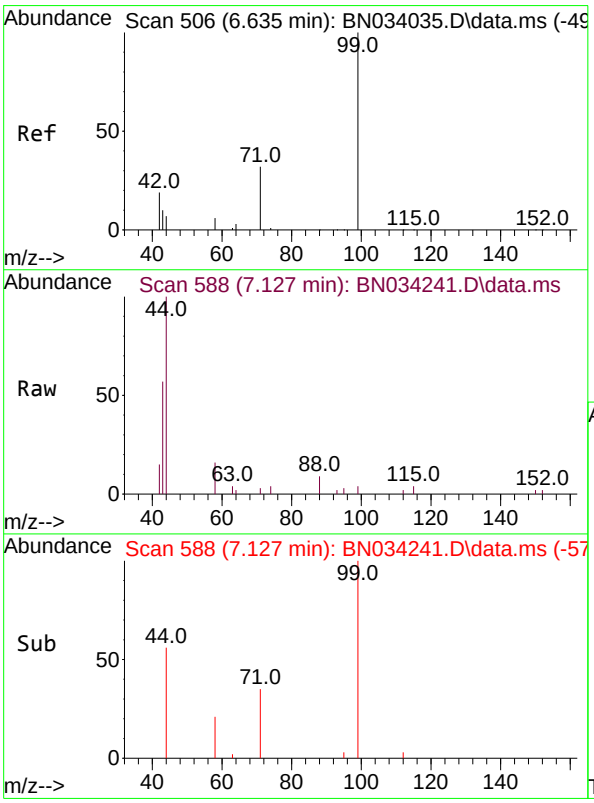
#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.553 min Scan# 3
Delta R.T. -0.022 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:112 Resp: 1062

Ion	Ratio	Lower	Upper
112	100		
64	61.7	48.6	72.8
63	28.0	25.6	38.4

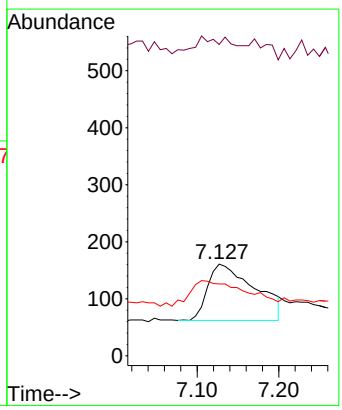


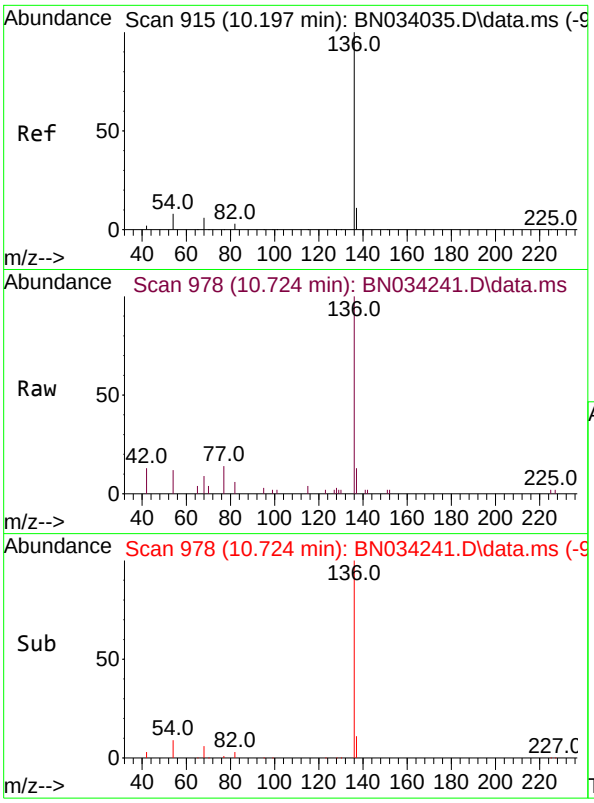


#5
Phenol-d6
Concen: 0.034 ng
RT: 7.127 min Scan# 588
Delta R.T. -0.022 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion: 99 Resp: 398

Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.8	26.8#
71	0.0	26.2	39.2#



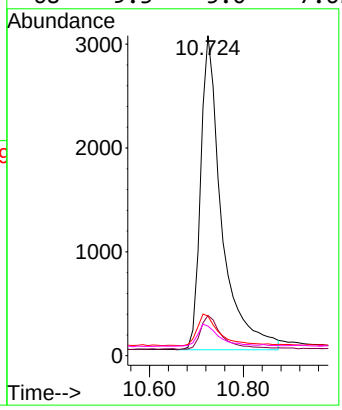


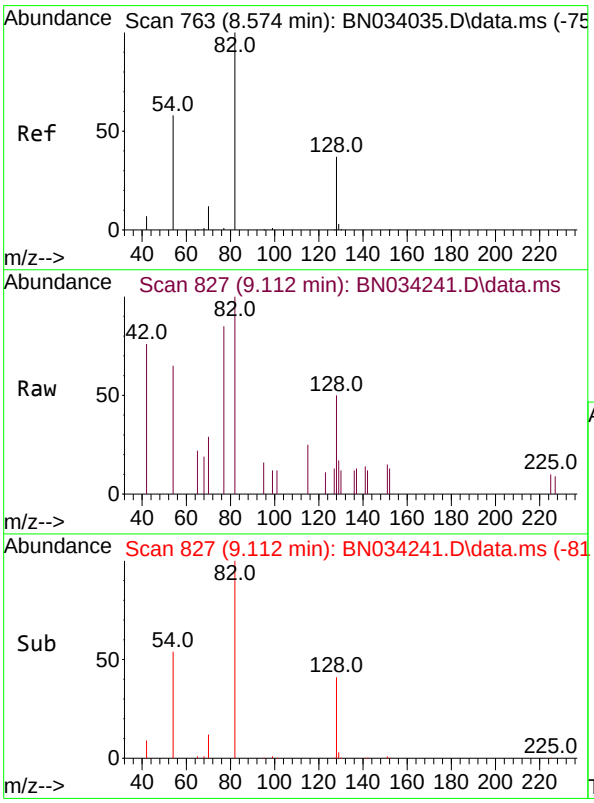
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.724 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:136 Resp: 9428

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.0	13.6
54	12.4	6.8	10.2#
68	9.3	5.0	7.6#

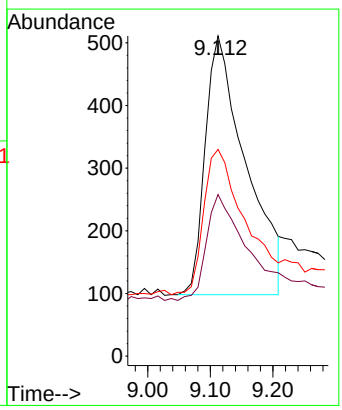


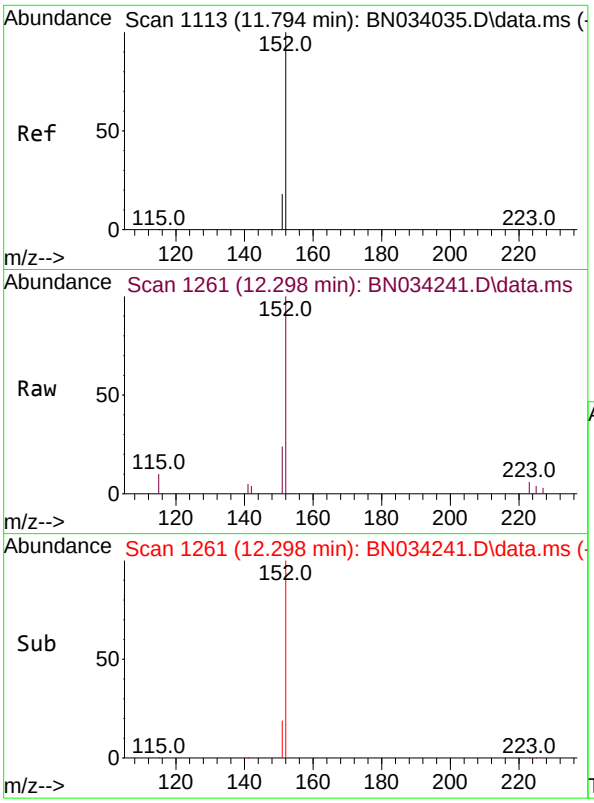


#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 9.112 min Scan# 827
Delta R.T. -0.011 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion: 82 Resp: 1863

Ion	Ratio	Lower	Upper
82	100		
128	50.5	31.4	47.2#
54	64.6	47.4	71.0



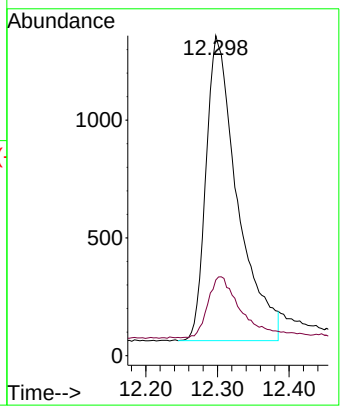


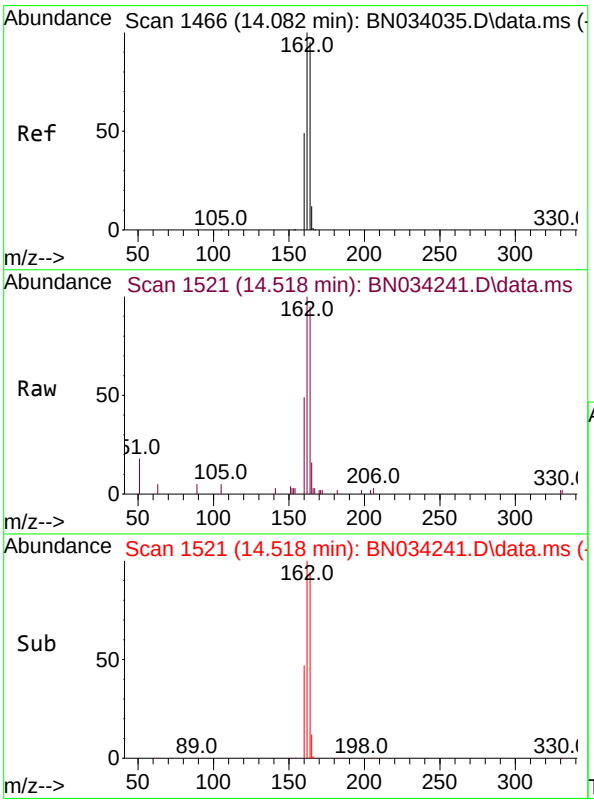
#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.298 min Scan# 1
Delta R.T. -0.027 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:152 Resp: 3936

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2

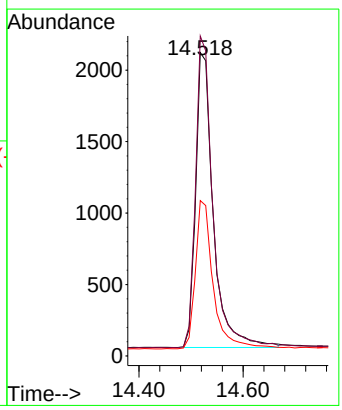


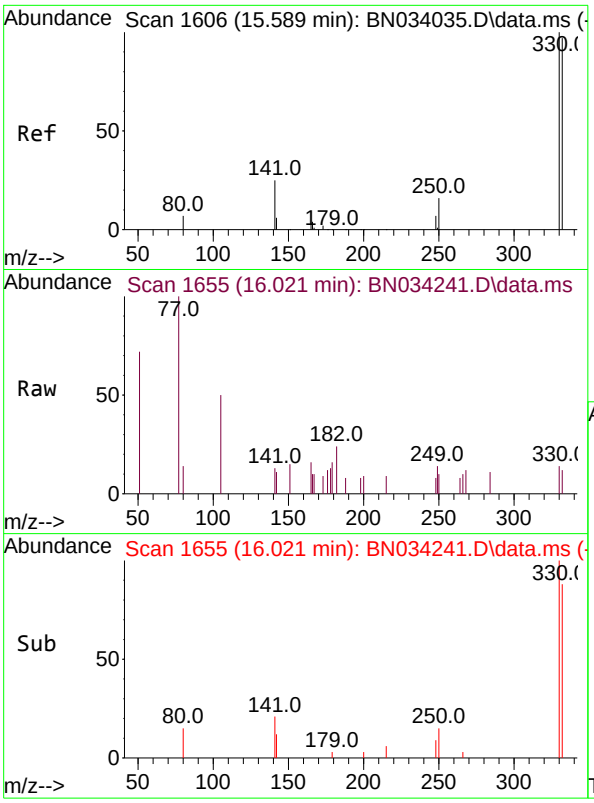


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.518 min Scan# 1521
Delta R.T. -0.025 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:164 Resp: 4891

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.2	126.2
160	51.2	41.7	62.5



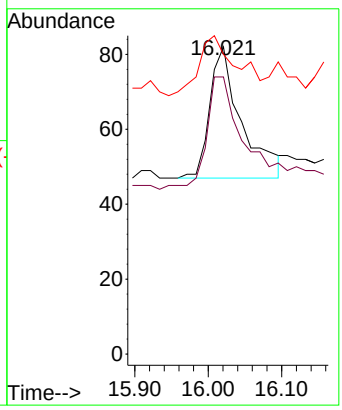


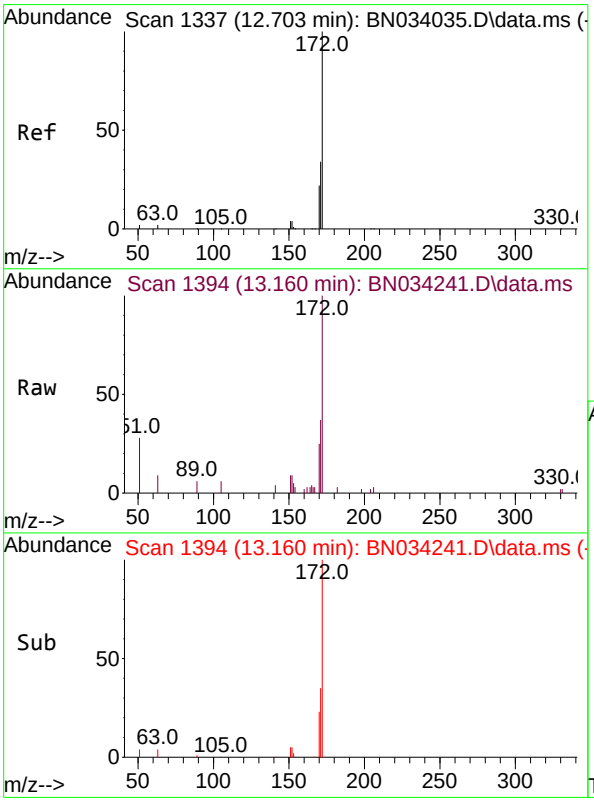
#14
2,4,6-Tribromophenol
Concen: 0.047 ng
RT: 16.021 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:330 Resp: 104

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	55.8	35.9	53.9#

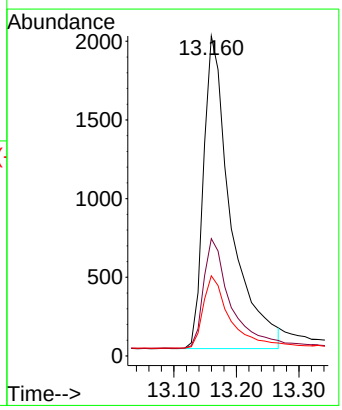


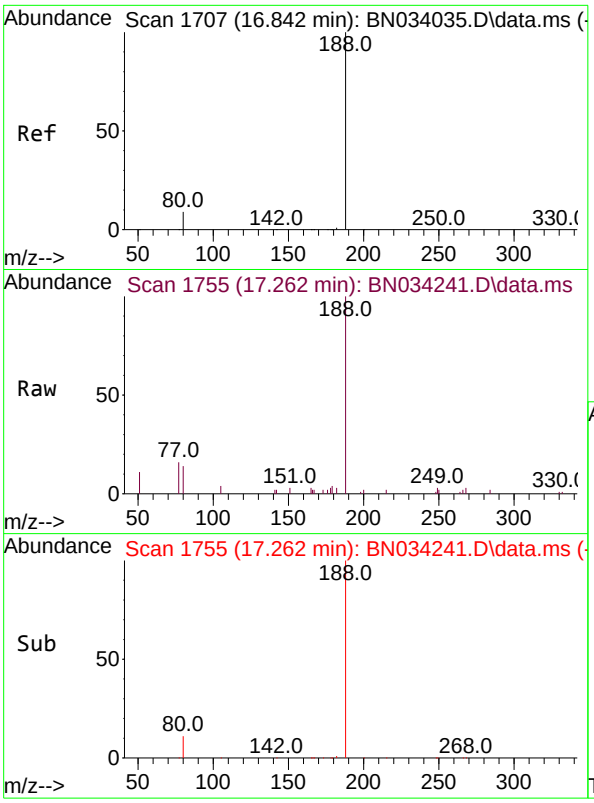


#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.160 min Scan# 1394
Delta R.T. -0.025 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:172 Resp: 6024

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.3	40.9
170	25.1	18.1	27.1



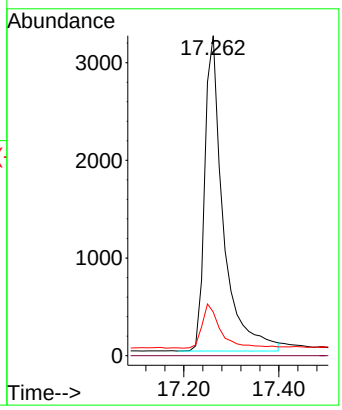


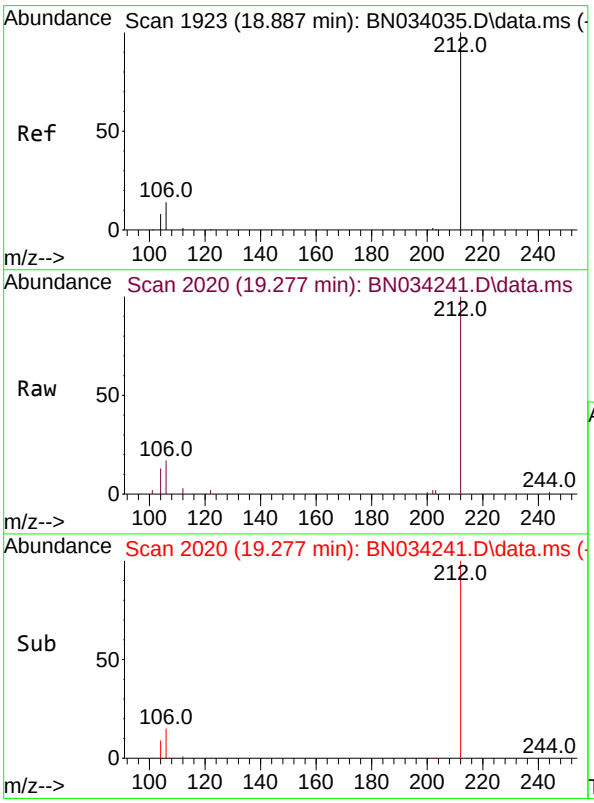
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.262 min Scan# 1
Delta R.T. -0.018 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:188 Resp: 8756

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	7.4	11.0#

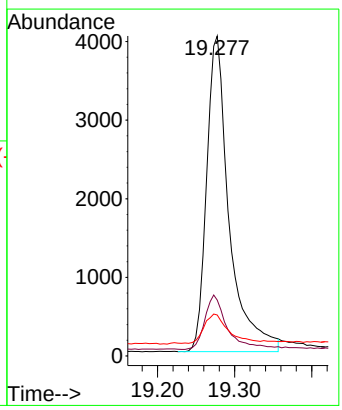


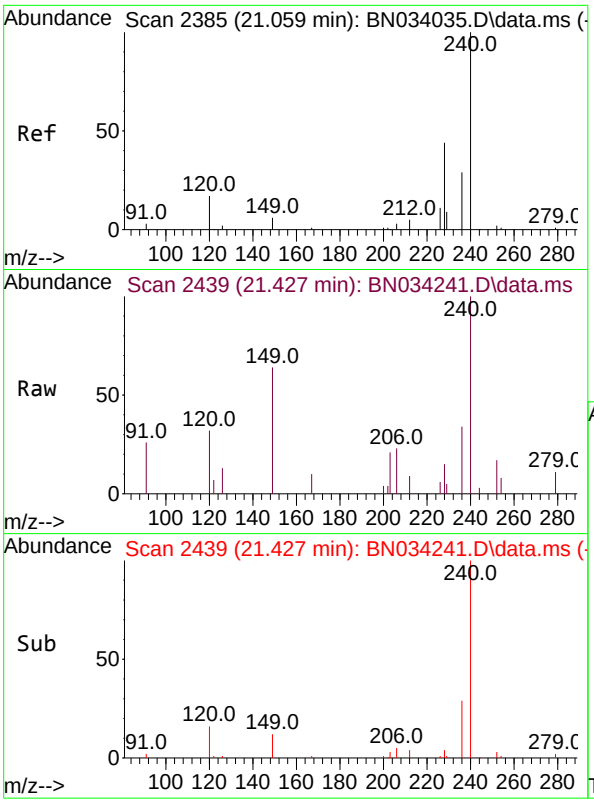


#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.277 min Scan# 2020
Delta R.T. -0.016 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:212 Resp: 8167

Ion	Ratio	Lower	Upper
212	100		
106	17.1	13.4	20.2
104	10.1	7.8	11.6



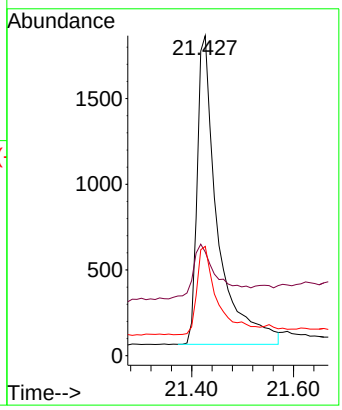


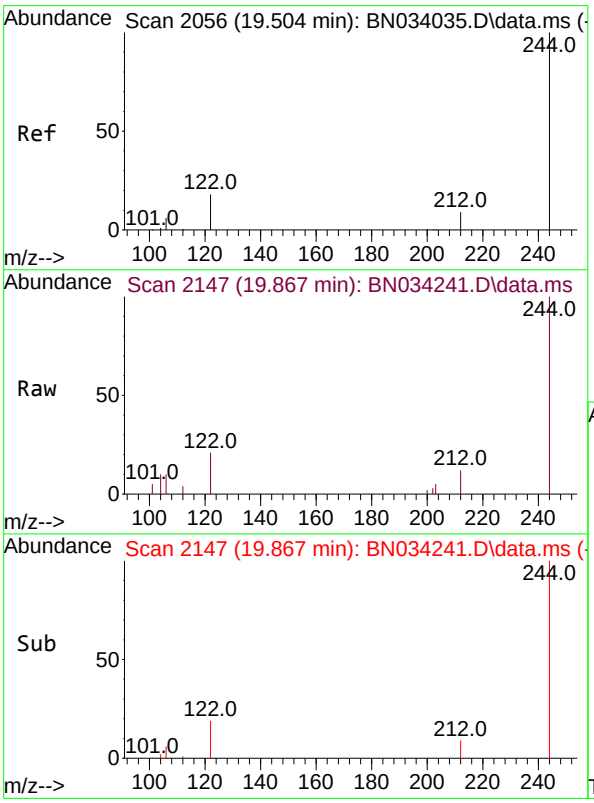
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.427 min Scan# 24
Delta R.T. -0.011 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:240 Resp: 5009

Ion	Ratio	Lower	Upper
240	100		
120	32.4	13.5	20.3#
236	34.2	23.4	35.0

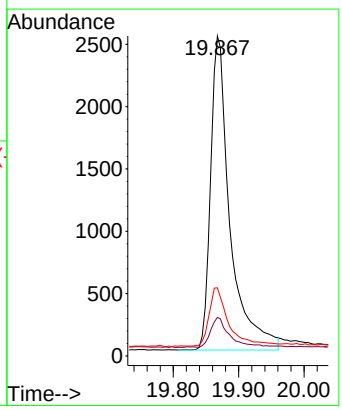


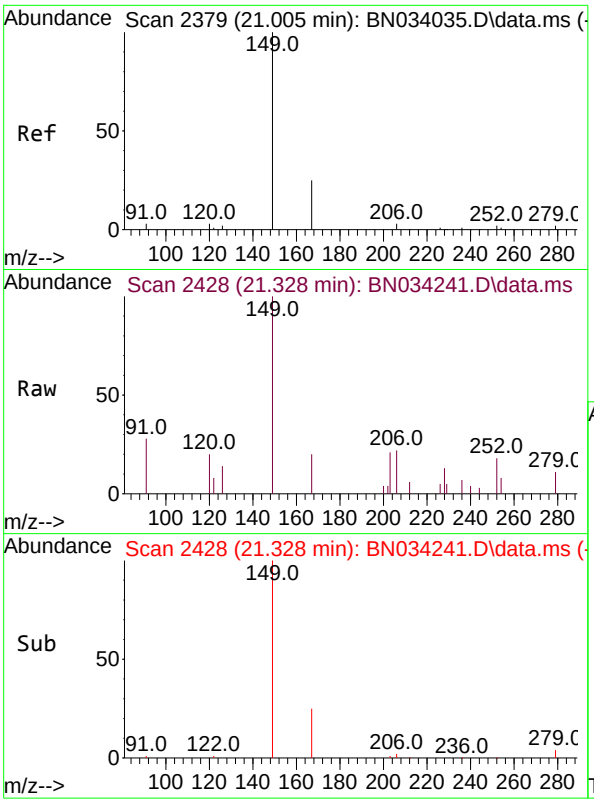


#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.867 min Scan# 2147
Delta R.T. -0.021 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:244 Resp: 5189

Ion	Ratio	Lower	Upper
244	100		
212	12.0	7.8	11.6#
122	21.3	14.8	22.2



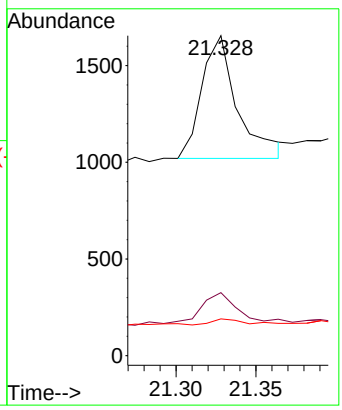


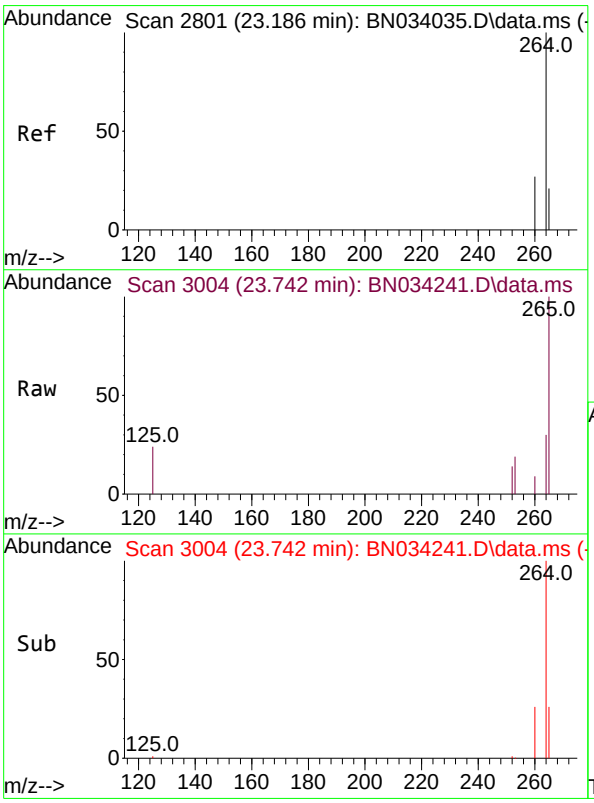
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.328 min Scan# 24
Delta R.T. -0.011 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

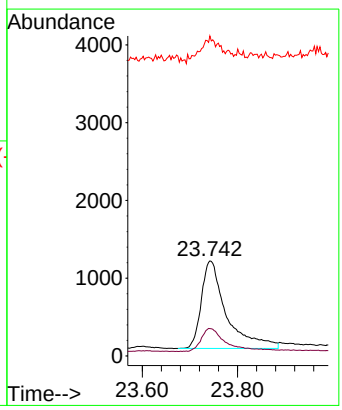
Tgt Ion:149 Resp: 988

Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.9	29.9
279	4.9	4.6	6.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.742 min Scan# 3004
Delta R.T. -0.026 min
Lab File: BN034241.D
Acq: 26 Sep 2024 01:00

Tgt Ion:264 Resp: 4129

Ion	Ratio	Lower	Upper
264	100		
260	28.9	21.7	32.5
265	336.7	52.1	78.1#